

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066866.D
 Acq On : 25 Sep 2020 11:37
 Operator : VA/SY
 Sample : VD0925SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/29/2020 11:45:15 AM

Quant Time: Sep 25 14:30:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	406053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	637752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	594207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	283476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	188157	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
35) Dibromofluoromethane	7.91	113	194810	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
50) Toluene-d8	10.34	98	708657	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
62) 4-Bromofluorobenzene	12.63	95	240933	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	76663	24.058	ug/l	91
3) Chloromethane	2.21	50	77512	20.776	ug/l	96
4) Vinyl Chloride	2.35	62	74919	20.327	ug/l	94
5) Bromomethane	2.76	94	53548	20.670	ug/l	95
6) Chloroethane	2.92	64	45510	19.883	ug/l	92
7) Trichlorofluoromethane	3.27	101	154925	20.467	ug/l	97
8) Diethyl Ether	3.71	74	36971	19.239	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	91519	20.850	ug/l	98
10) Methyl Iodide	4.30	142	65784	16.984	ug/l	96
11) Tert butyl alcohol	5.22	59	25604	72.743	ug/l #	86
12) 1,1-Dichloroethene	4.07	96	78395	19.716	ug/l	97
13) Acrolein	3.92	56	25574	87.229	ug/l	93
14) Allyl chloride	4.72	41	107929	18.485	ug/l	98
15) Acrylonitrile	5.43	53	79480	93.328	ug/l	97
16) Acetone	4.16	43	75211	89.210	ug/l	96
17) Carbon Disulfide	4.41	76	241058	19.830	ug/l	100
18) Methyl Acetate	4.71	43	35863	16.644	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	158878	18.400	ug/l	100
20) Methylene Chloride	4.97	84	107859	20.240	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	92174	20.021	ug/l	97
22) Diisopropyl ether	6.37	45	236030	19.661	ug/l	98
23) Vinyl Acetate	6.31	43	556129	87.085	ug/l	100
24) 1,1-Dichloroethane	6.27	63	157679	19.634	ug/l	96
25) 2-Butanone	7.21	43	88069	86.925	ug/l	95
26) 2,2-Dichloropropane	7.21	77	144952	19.692	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	99187	19.828	ug/l	98
28) Bromochloromethane	7.54	49	65743	19.815	ug/l	95
29) Tetrahydrofuran	7.56	42	57478	88.539	ug/l	99
30) Chloroform	7.71	83	166144	19.192	ug/l	96
31) Cyclohexane	7.98	56	138664	19.189	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	155894	19.907	ug/l	99
36) 1,1-Dichloropropene	8.11	75	125730	19.872	ug/l	97
37) Ethyl Acetate	7.28	43	41410	18.105	ug/l	94
38) Carbon Tetrachloride	8.10	117	142320	20.575	ug/l	95

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Manual Integrations
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MMDadoda
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Quant Time: Sep 25 14:30:39 2020
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	141475	19.475	ug/l	98
40) Benzene	8.34	78	358177	20.312	ug/l	95
41) Methacrylonitrile	7.53	41	26182m	18.614	ug/l	
42) 1,2-Dichloroethane	8.42	62	102362	19.636	ug/l	98
43) Isopropyl Acetate	8.45	43	79555	18.041	ug/l	99
44) Trichloroethene	9.11	130	101724	20.239	ug/l	99
45) 1,2-Dichloropropane	9.38	63	87781	19.786	ug/l	94
46) Dibromomethane	9.47	93	49534	20.549	ug/l	98
47) Bromodichloromethane	9.66	83	130755	20.193	ug/l	99
48) Methyl methacrylate	9.45	41	41841	19.244	ug/l	93
49) 1,4-Dioxane	9.46	88	12119	378.882	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	206912	92.601	ug/l	100
52) Toluene	10.40	92	235845	20.764	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	106064	19.244	ug/l	94
54) cis-1,3-Dichloropropene	10.08	75	134558	20.023	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	65205	19.677	ug/l	95
56) Ethyl methacrylate	10.66	69	67660	19.059	ug/l	98
57) 1,3-Dichloropropane	10.94	76	109458	20.004	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	186550	110.984	ug/l	100
59) 2-Hexanone	10.98	43	139503	92.579	ug/l	99
60) Dibromochloromethane	11.14	129	86594	20.022	ug/l	100
61) 1,2-Dibromoethane	11.24	107	61400	19.921	ug/l	100
64) Tetrachloroethene	10.87	164	91071	21.307	ug/l	94
65) Chlorobenzene	11.67	112	245892	19.880	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	94081	20.097	ug/l	98
67) Ethyl Benzene	11.74	91	422244	19.437	ug/l	98
68) m/p-Xylenes	11.85	106	336064	40.860	ug/l	100
69) o-Xylene	12.18	106	149222	20.065	ug/l	100
70) Styrene	12.19	104	257524	19.939	ug/l	100
71) Bromoform	12.36	173	46090	19.446	ug/l #	98
73) Isopropylbenzene	12.48	105	406989	19.874	ug/l	98
74) N-amyl acetate	12.29	43	72156	18.043	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.73	83	68082	19.267	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	43513m	18.522	ug/l	
77) Bromobenzene	12.76	156	96439	20.136	ug/l	96
78) n-propylbenzene	12.82	91	500307	20.308	ug/l	99
79) 2-Chlorotoluene	12.91	91	282610	20.130	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	353010	20.316	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	18123	19.301	ug/l	94
82) 4-Chlorotoluene	13.00	91	304682	20.588	ug/l	100
83) tert-Butylbenzene	13.23	119	289708	20.290	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	354113	20.552	ug/l	99
85) sec-Butylbenzene	13.40	105	412563	20.093	ug/l	98
86) p-Isopropyltoluene	13.52	119	382993	20.694	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	190445	20.127	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	187112	19.910	ug/l	99
89) n-Butylbenzene	13.84	91	349171	19.849	ug/l	99
90) Hexachloroethane	14.11	117	73073	19.448	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	163411	20.186	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10298	18.116	ug/l	92

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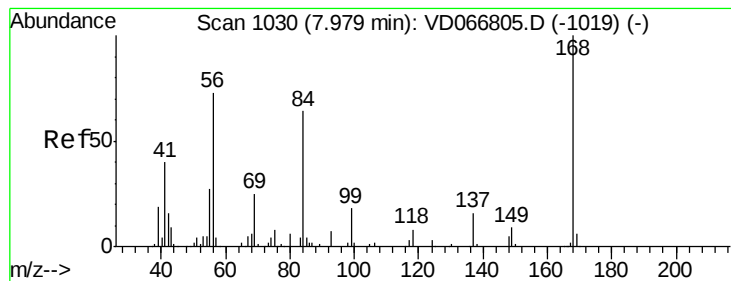
Manual Integrations
 APPROVED

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	102427	20.099	ug/l	95
94) Hexachlorobutadiene	15.27	225	61691	20.201	ug/l	98
95) Naphthalene	15.40	128	156984	18.144	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	86054	19.565	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion:168 Resp: 406053

Ion Ratio Lower Upper

168 100

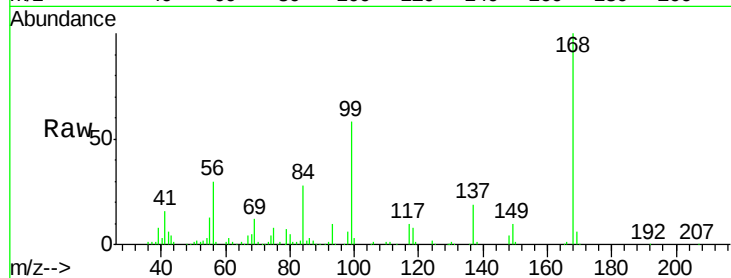
99 57.9 46.6 69.8

Manual Integrations

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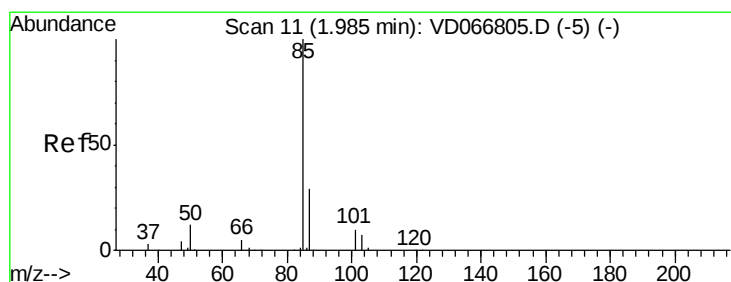
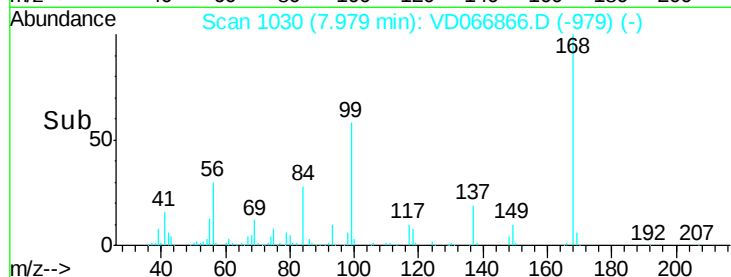
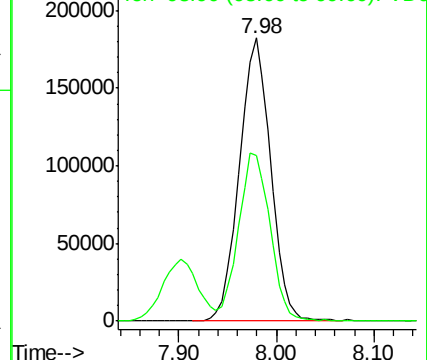
MMDadoda

9/29/2020 11:45:15 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 24.058 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066866.D

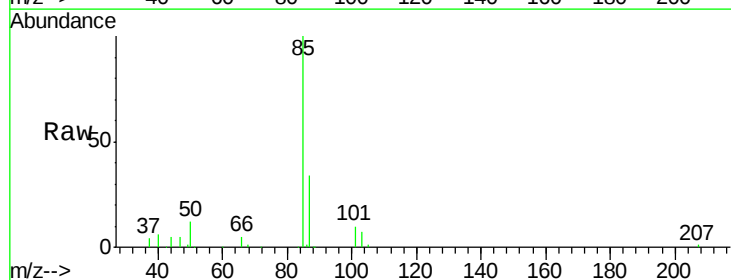
Acq: 25 Sep 2020 11:37

Tgt Ion: 85 Resp: 76663

Ion Ratio Lower Upper

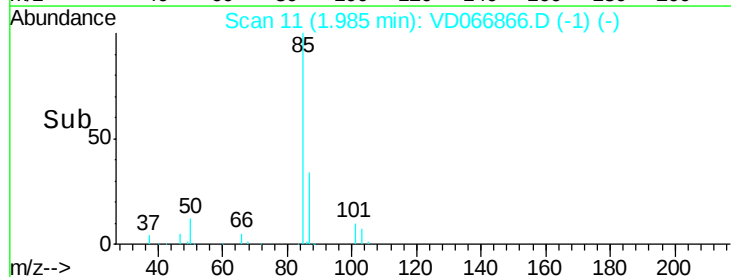
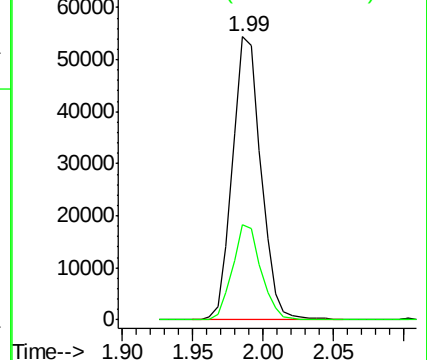
85 100

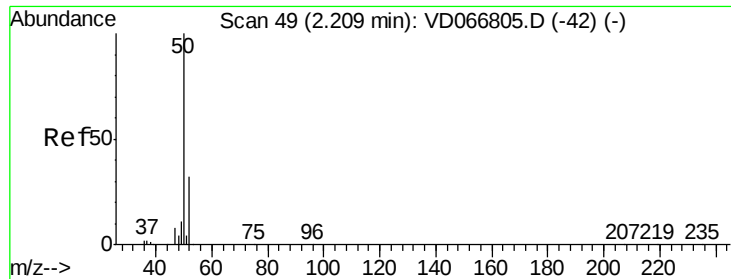
87 33.7 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.776 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion: 50 Resp: 77512

Ion Ratio Lower Upper

50 100

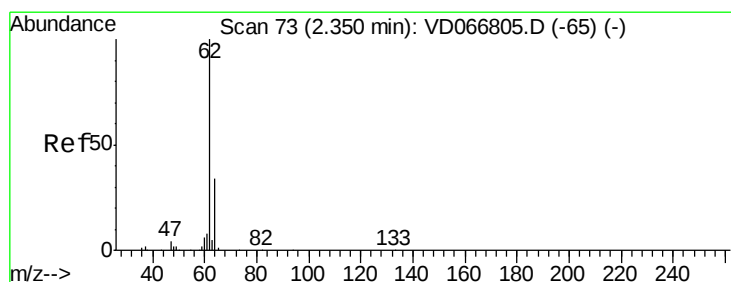
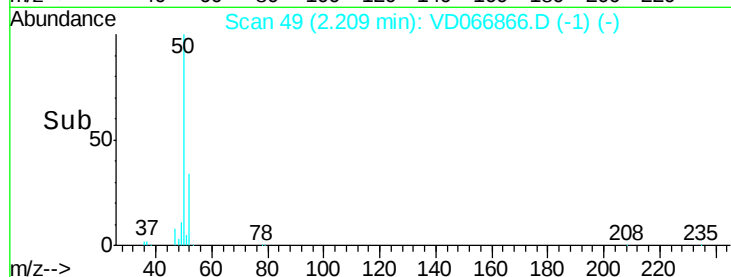
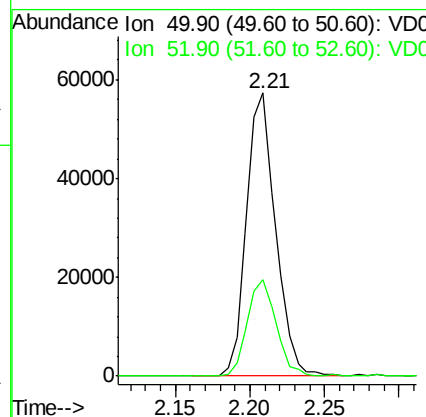
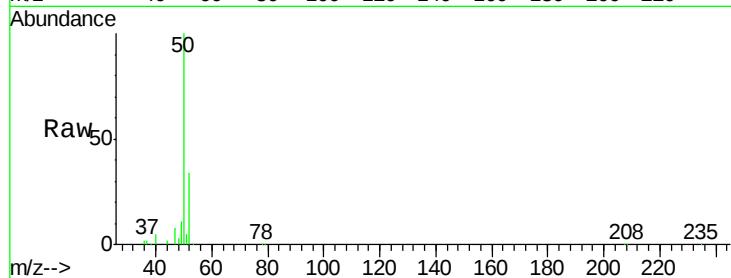
52 34.2 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.327 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066866.D

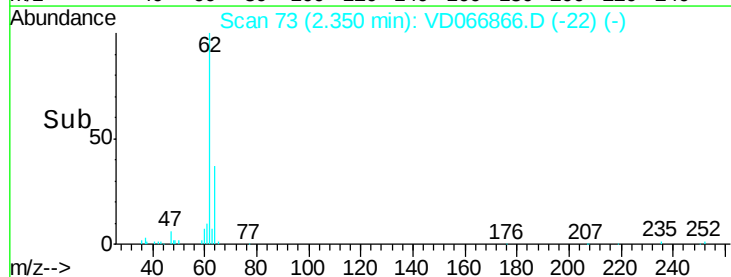
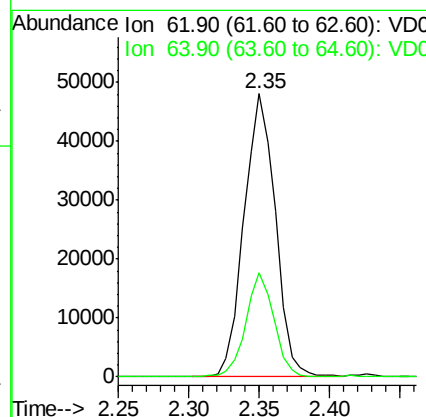
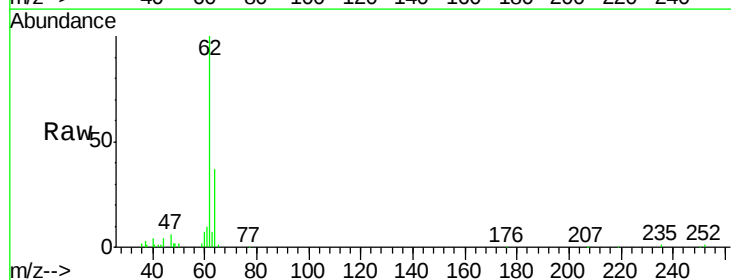
Acq: 25 Sep 2020 11:37

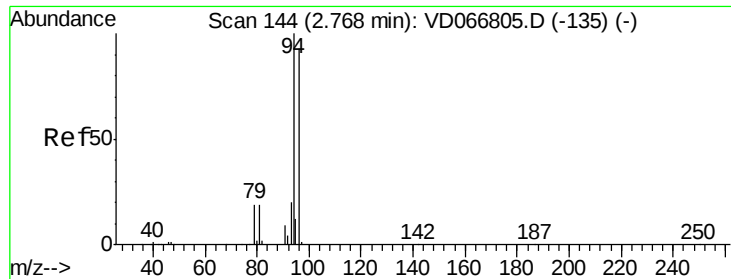
Tgt Ion: 62 Resp: 74919

Ion Ratio Lower Upper

62 100

64 37.0 27.0 40.4





#5

Bromomethane

Concen: 20.670 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion: 94 Resp: 53548

Ion Ratio Lower Upper

94 100

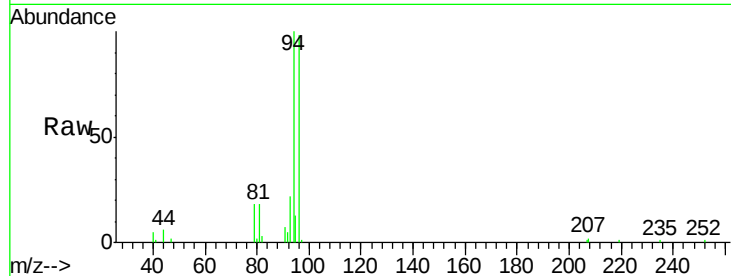
96 97.8 74.3 111.5

Manual Integrations

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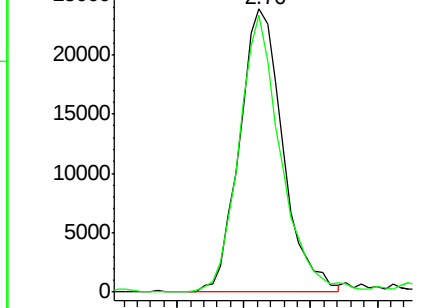
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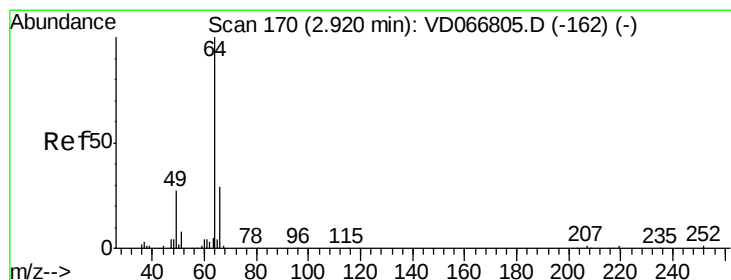
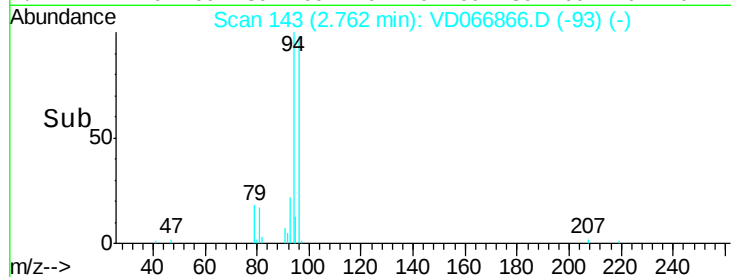


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 19.883 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066866.D

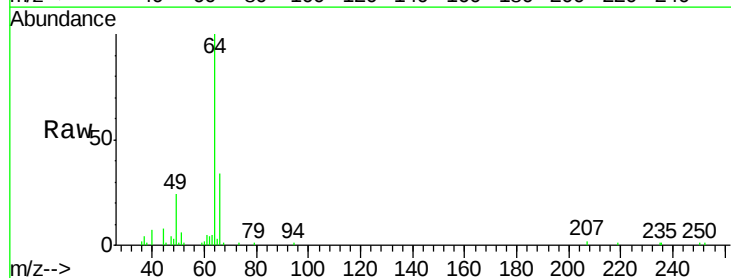
Acq: 25 Sep 2020 11:37

Tgt Ion: 64 Resp: 45510

Ion Ratio Lower Upper

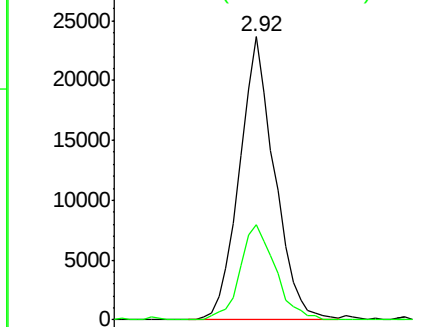
64 100

66 33.6 23.3 34.9

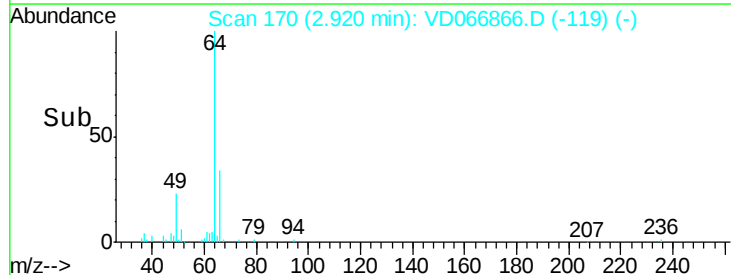


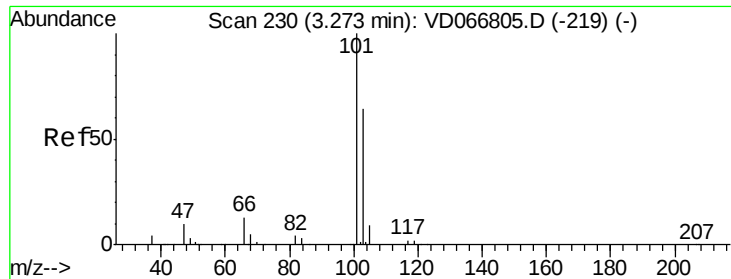
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->





#7

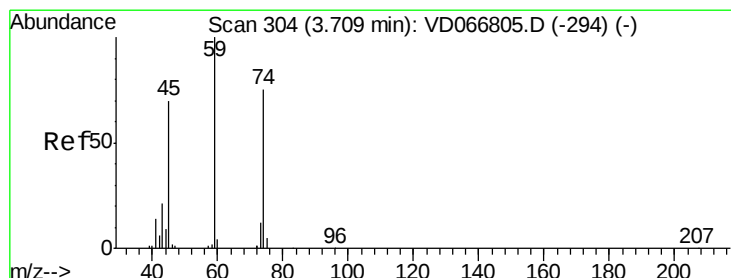
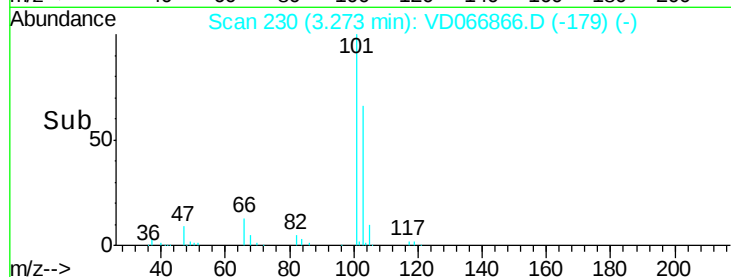
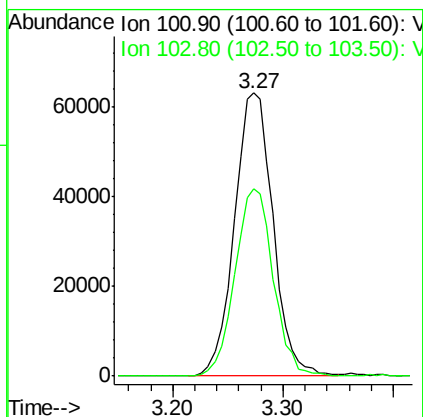
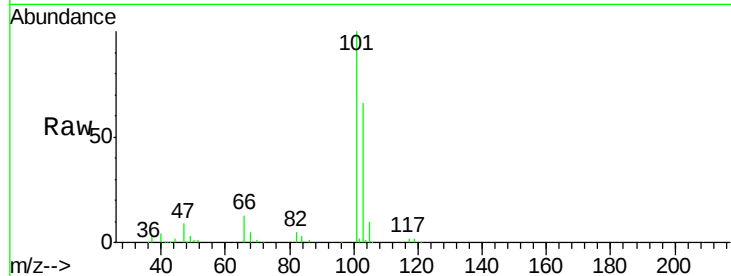
Trichlorofluoromethane
Concen: 20.467 ug/l
RT: 3.27 min Scan# 230
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
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VD0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	154925		
103	66.1	51.0	76.6	

Manual Integrations
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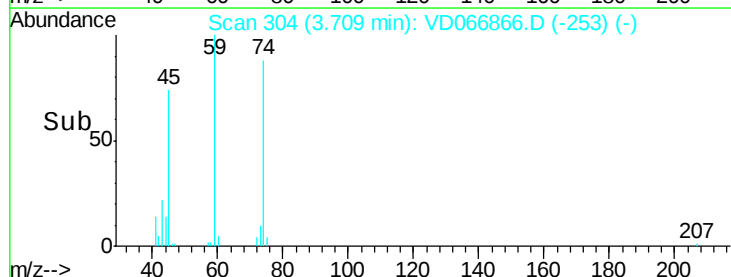
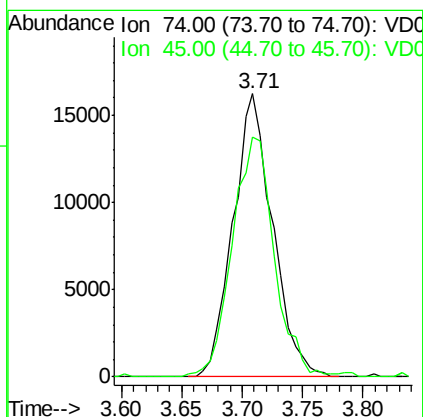
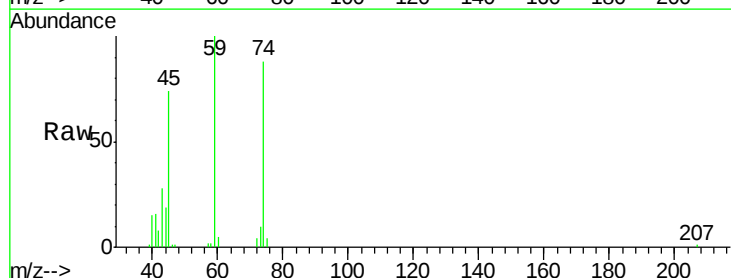
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9/29/2020 11:45:15 AM

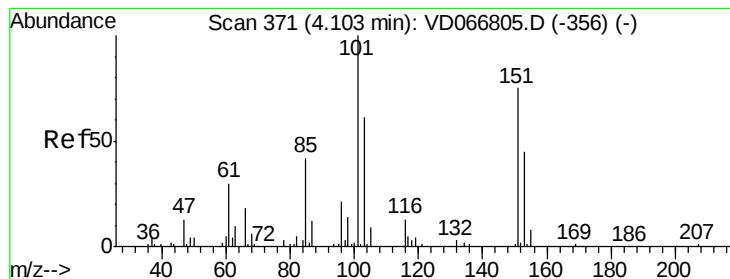


#8

Diethyl Ether
Concen: 19.239 ug/l
RT: 3.71 min Scan# 304
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	36971		
45	90.1	46.0	138.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.850 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

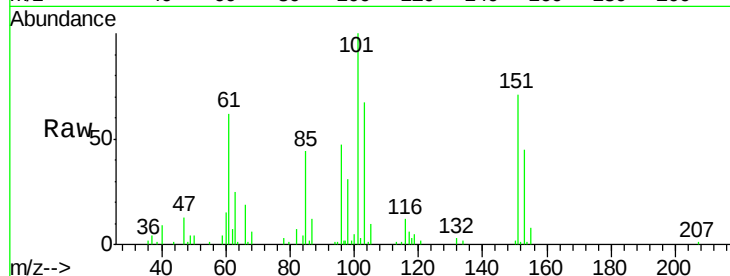
ClientSampleId :

VD0925SBS01

Tot Ion:	101	Resp:	91519
Ion Ratio	Lower	Upper	
101	100		
85	42.3	35.4	53.2
151	75.7	61.4	92.0

Manual Integrations
APPROVED

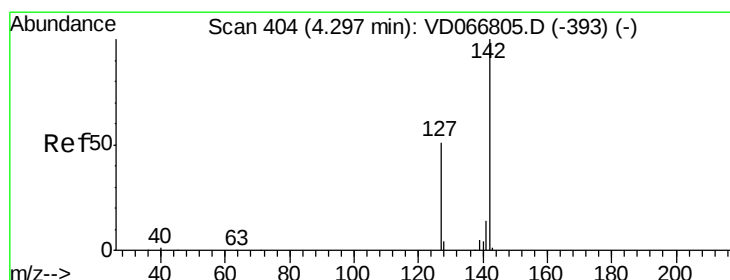
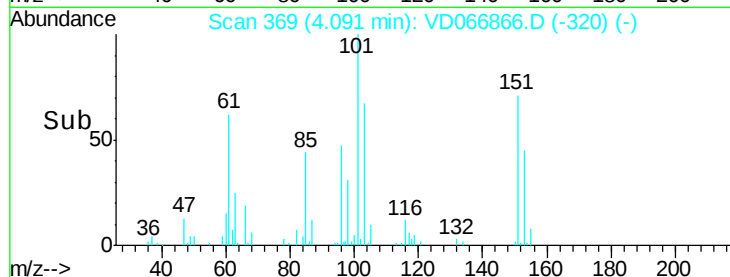
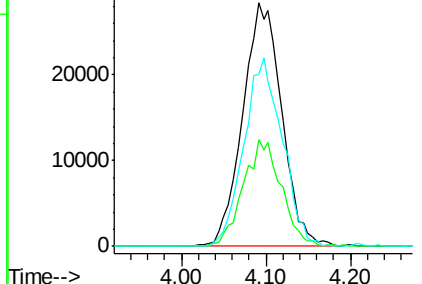
MMDadoda
9/29/2020 11:45:15 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.984 ug/l

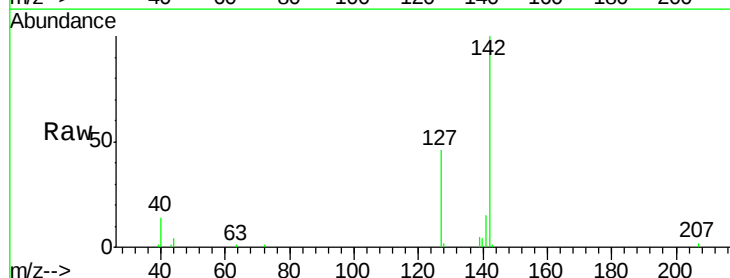
RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

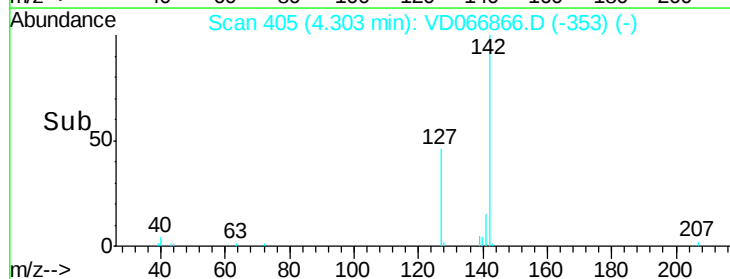
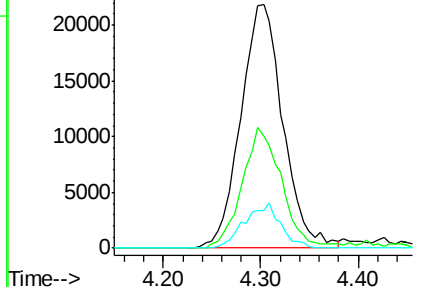
Tgt Ion:	142	Resp:	65784
Ion Ratio	Lower	Upper	
142	100		
127	46.3	39.4	59.0
141	15.8	12.1	18.1

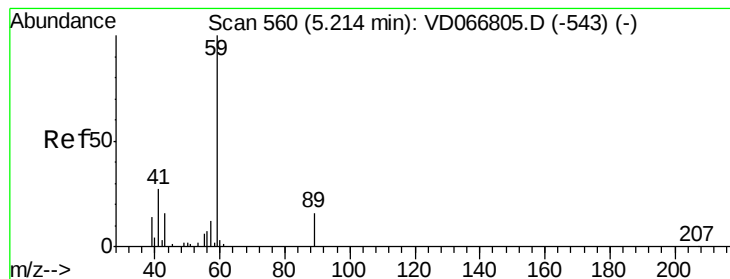


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

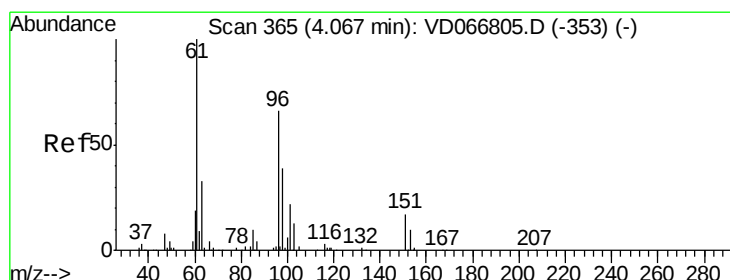
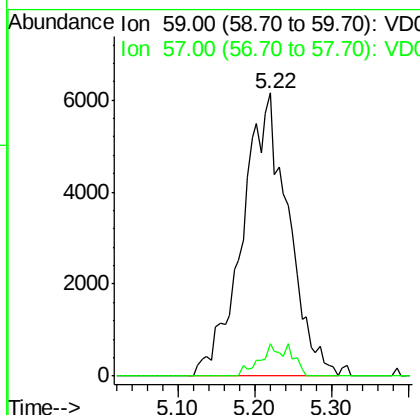
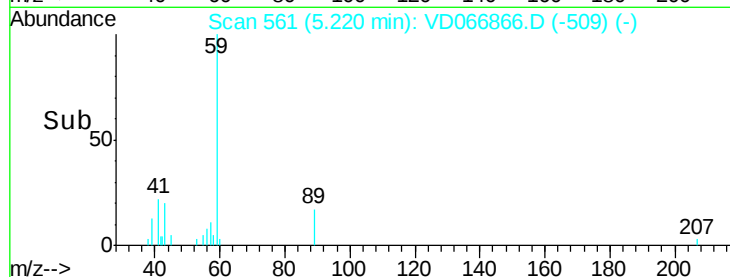
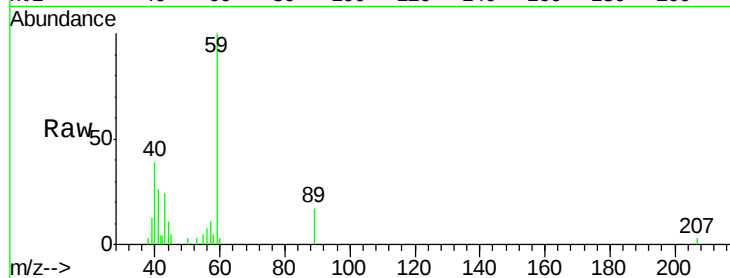
Tert butyl alcohol
Concen: 72.743 ug/l
RT: 5.22 min Scan# 561
Delta R.T. 0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion: 59 Resp: 25604
Ion Ratio Lower Upper
59 100
57 5.2 8.3 12.5#

Manual Integrations
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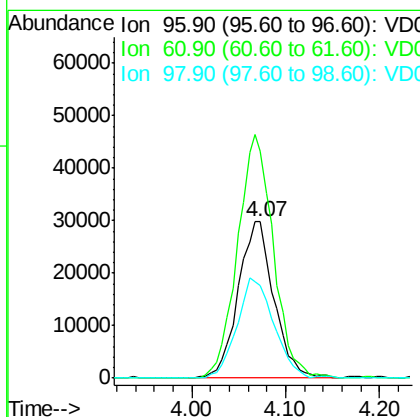
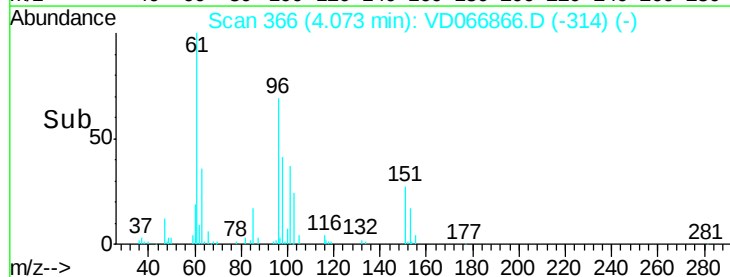
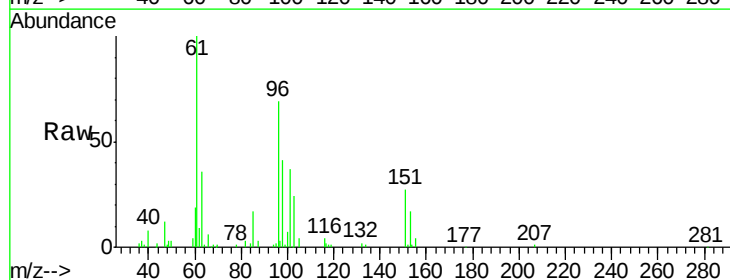
MMDadoda
9/29/2020 11:45:15 AM

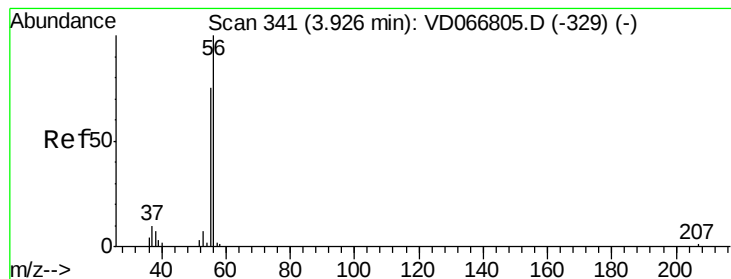


#12

1,1-Dichloroethene
Concen: 19.716 ug/l
RT: 4.07 min Scan# 366
Delta R.T. 0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 96 Resp: 78395
Ion Ratio Lower Upper
96 100
61 145.3 120.8 181.2
98 59.1 47.7 71.5





#13

Acrolein

Concen: 87.229 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion: 56 Resp: 25574

Ion Ratio Lower Upper

56 100

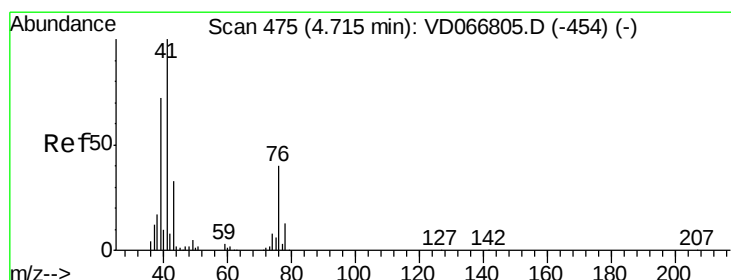
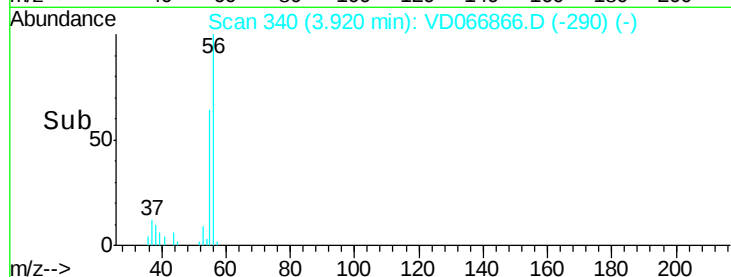
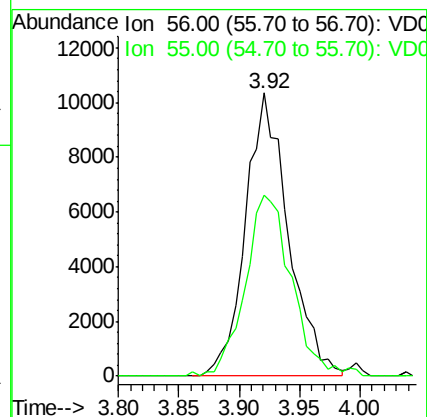
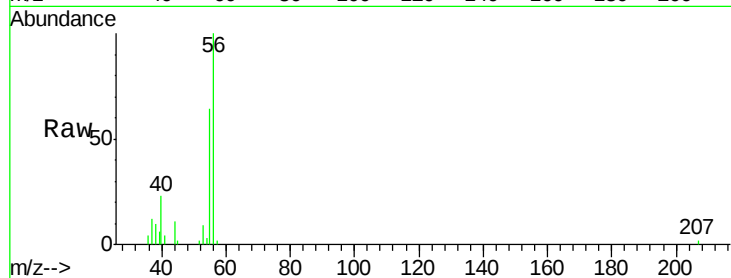
55 69.0 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 18.485 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

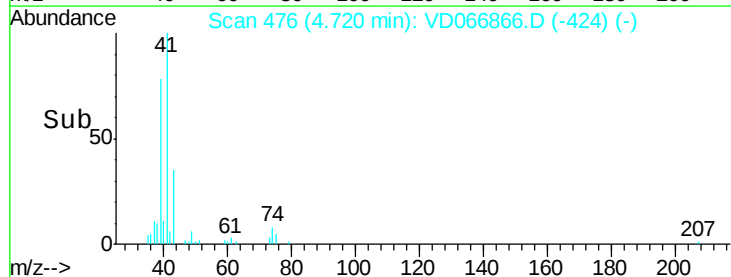
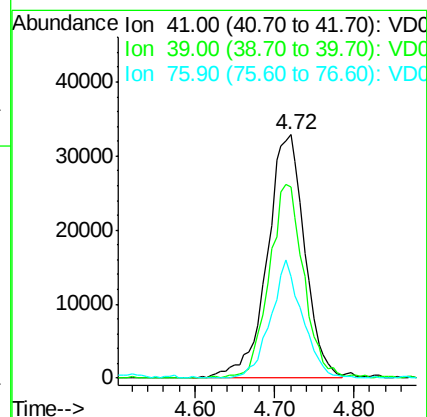
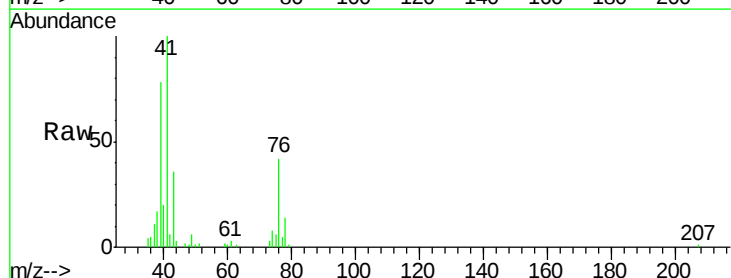
Tgt Ion: 41 Resp: 107929

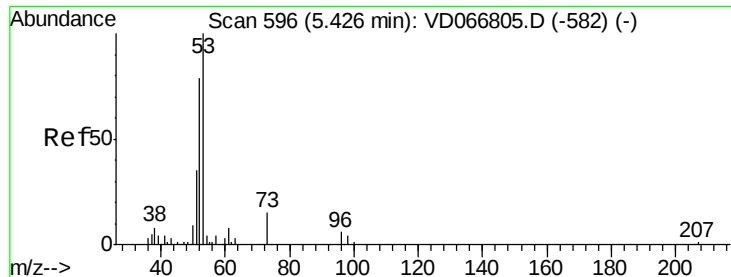
Ion Ratio Lower Upper

41 100

39 73.5 57.8 86.8

76 41.0 30.9 46.3





#15

Acrylonitrile

Concen: 93.328 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

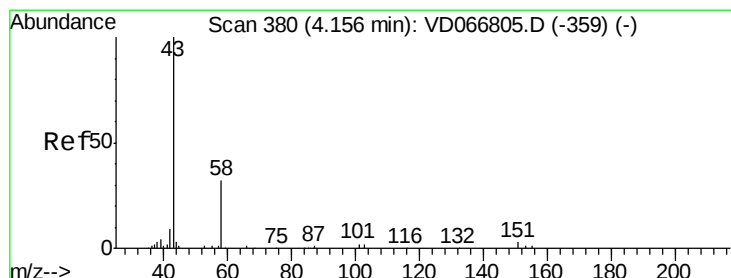
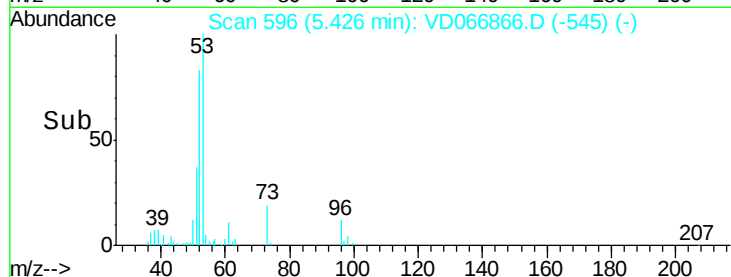
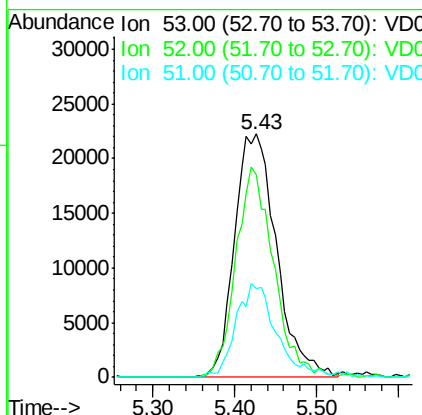
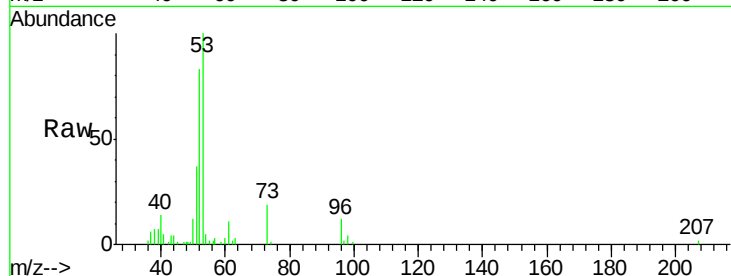
ClientSampleId :

VD0925SBS01

Tot Ion:	53	Resp:	79480
Ion	Ratio	Lower	Upper
53	100		
52	77.9	65.2	97.8
51	37.0	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 89.210 ug/l

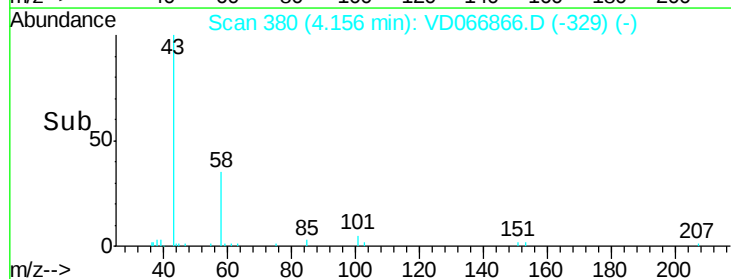
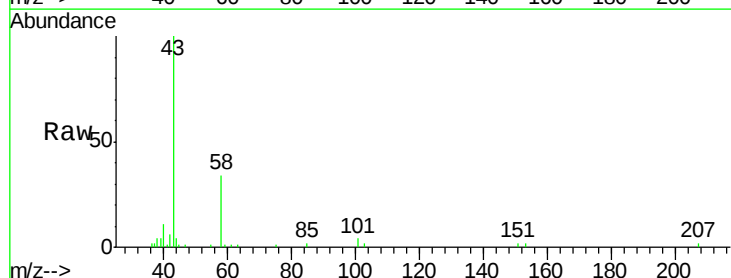
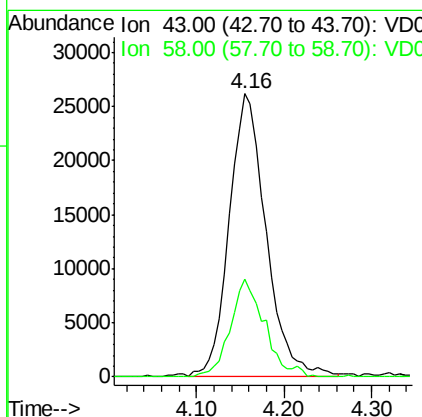
RT: 4.16 min Scan# 380

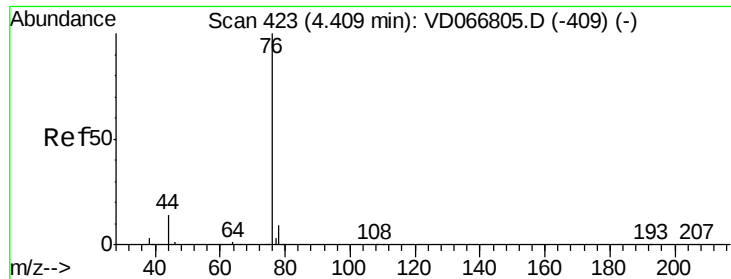
Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion:	43	Resp:	75211
Ion	Ratio	Lower	Upper
43	100		
58	34.5	25.6	38.4





#17

Carbon Disulfide

Concen: 19.830 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion: 76 Resp: 241058

Ion Ratio Lower Upper

76 100

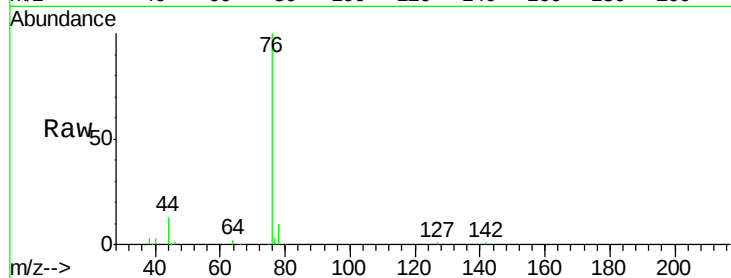
78 9.7 7.6 11.4

Manual Integrations

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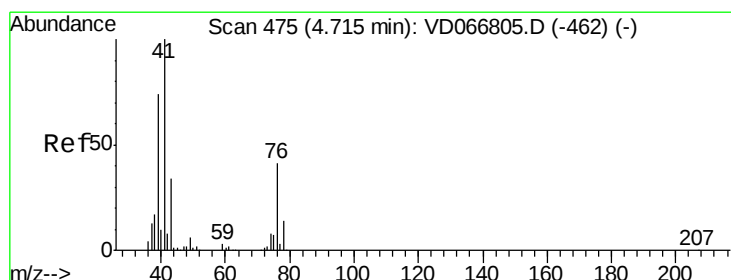
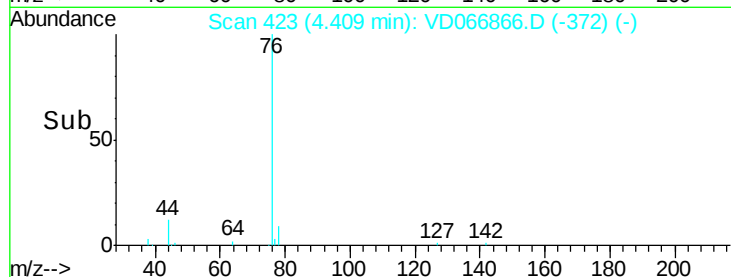
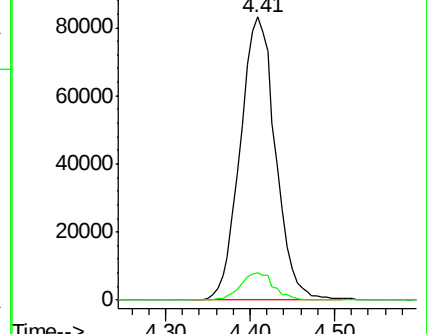
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 16.644 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066866.D

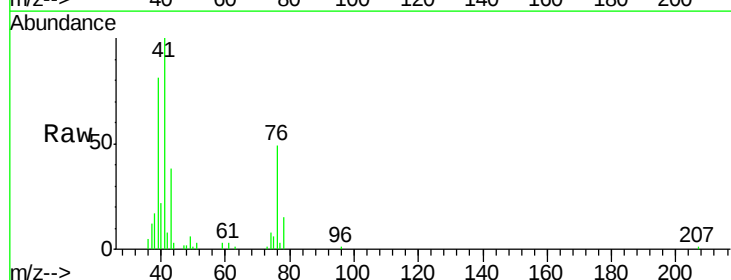
Acq: 25 Sep 2020 11:37

Tgt Ion: 43 Resp: 35863

Ion Ratio Lower Upper

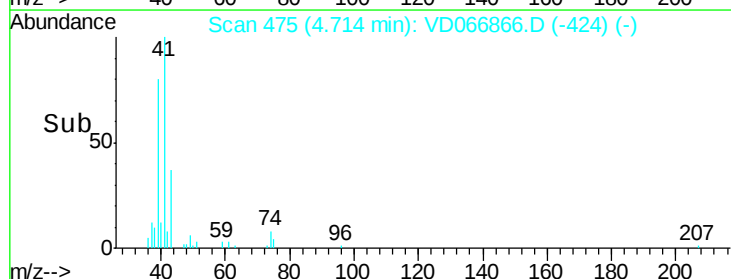
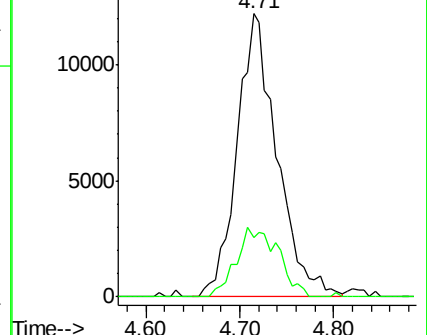
43 100

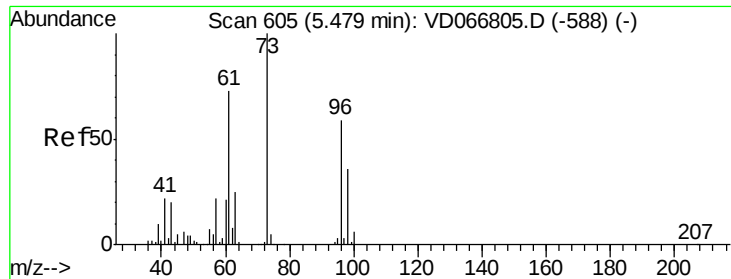
74 25.7 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





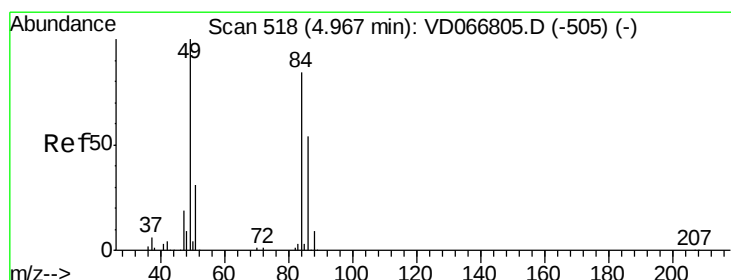
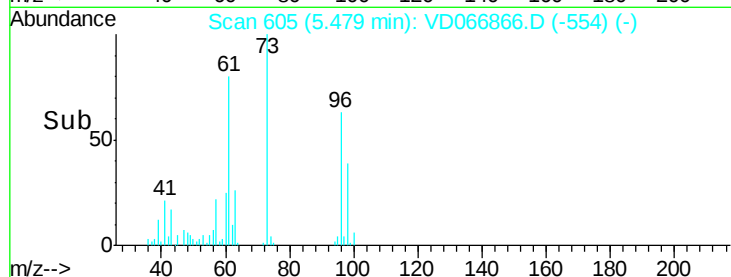
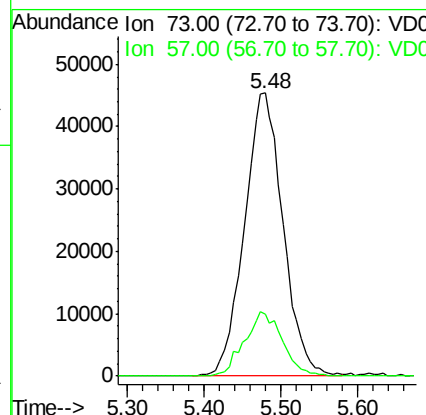
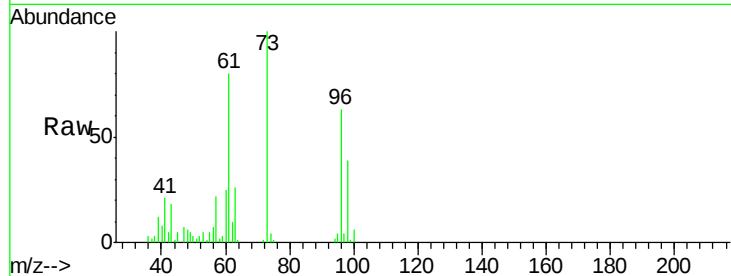
#19
Methvl tert-butvl Ether
Concen: 18.400 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion: 73 Resp: 158878
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.2

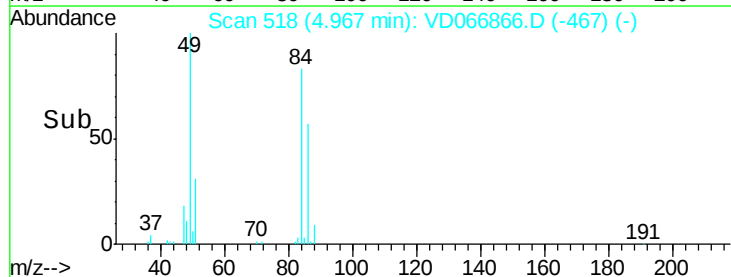
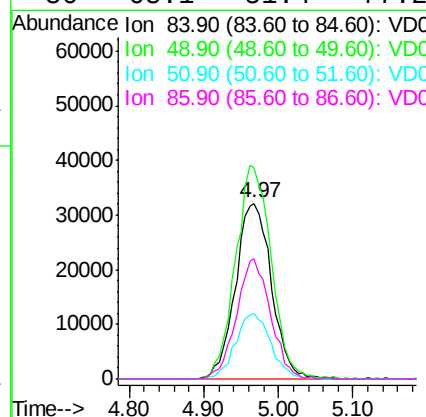
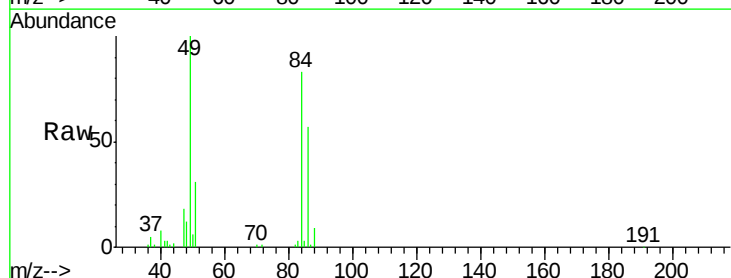
Manual Integrations
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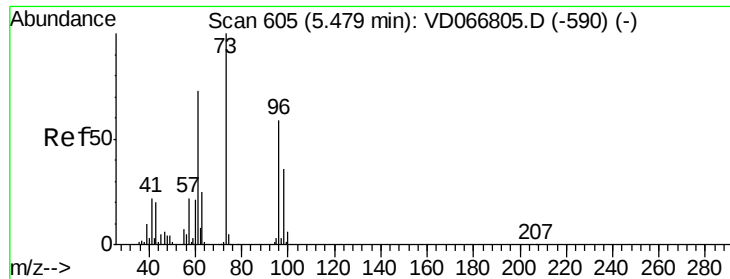
MMDadoda
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#20
Methylene Chloride
Concen: 20.240 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 84 Resp: 107859
Ion Ratio Lower Upper
84 100
49 120.0 95.4 143.2
51 37.4 29.7 44.5
86 68.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.021 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

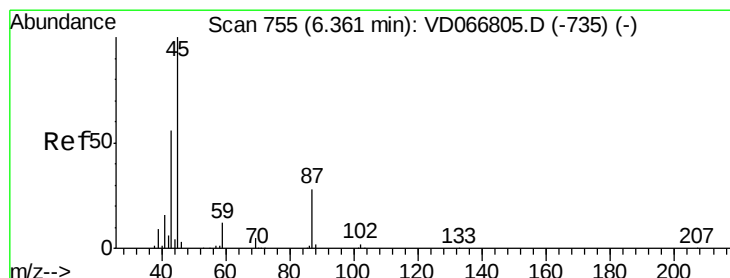
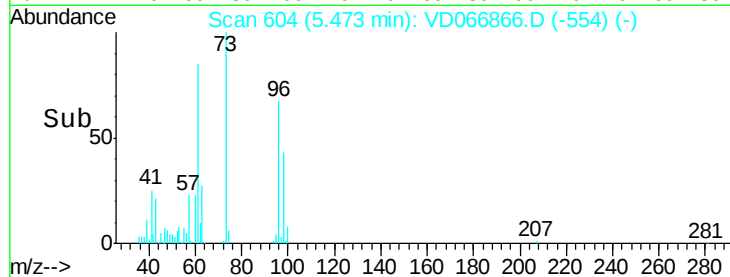
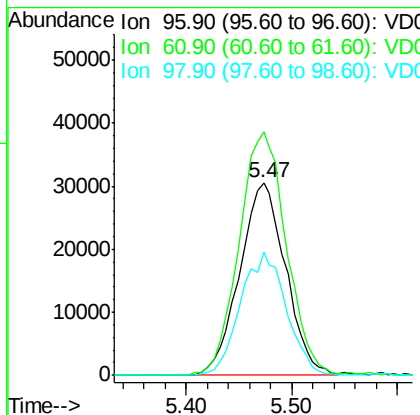
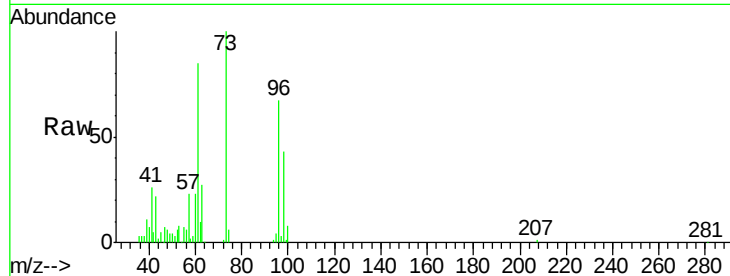
ClientSampleId :

VD0925SBS01

Tot Ion:	96	Resp:	92174
Ion	Ratio	Lower	Upper
96	100		
61	126.4	98.9	148.3
98	63.8	48.4	72.6

Manual Integrations
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MMDadoda
9/29/2020 11:45:15 AM



#22

Diisopropyl ether

Concen: 19.661 ug/l

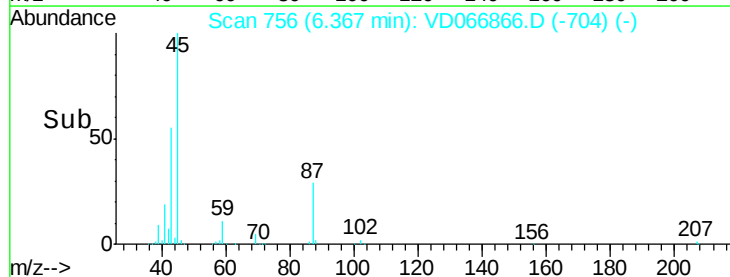
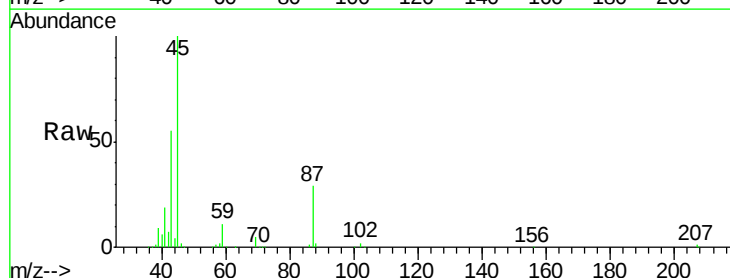
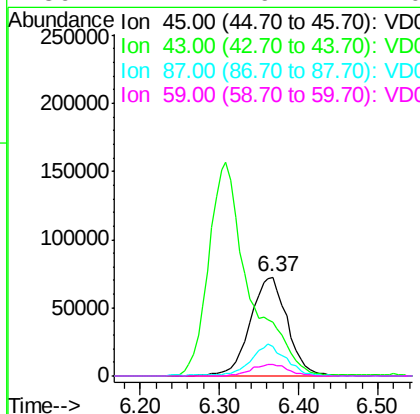
RT: 6.37 min Scan# 756

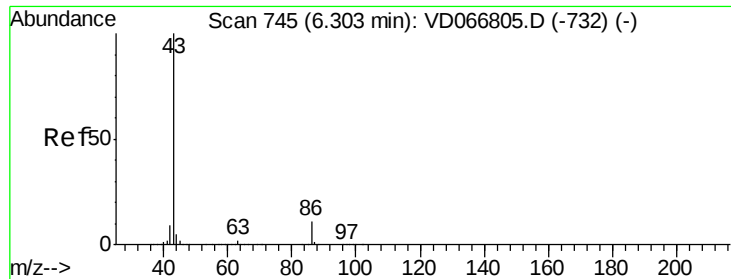
Delta R.T. 0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion:	45	Resp:	236030
Ion	Ratio	Lower	Upper
45	100		
43	53.9	44.5	66.7
87	29.0	22.9	34.3
59	11.1	9.4	14.0





#23

Vinyl Acetate

Concen: 87.085 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion: 43 Resp: 556129

Ion Ratio Lower Upper

43 100

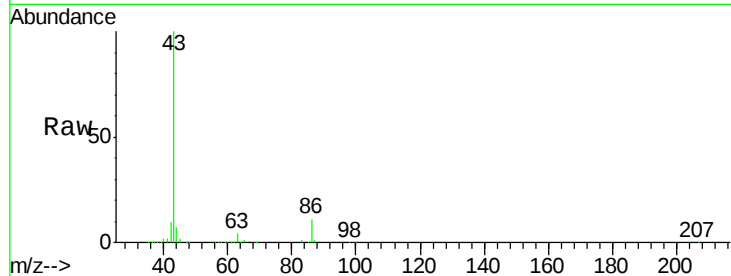
86 11.0 8.9 13.3

Manual Integrations

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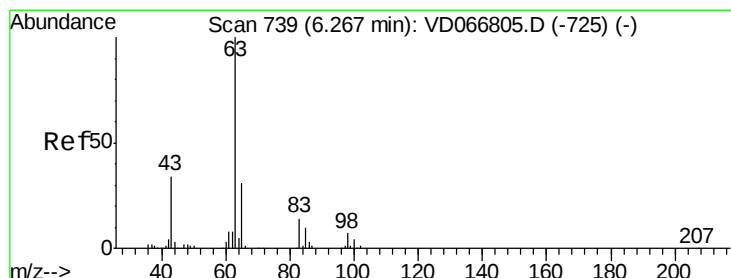
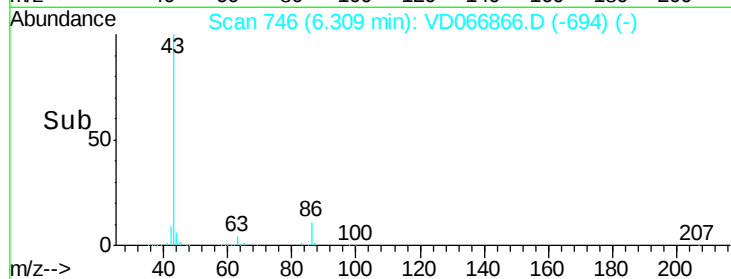
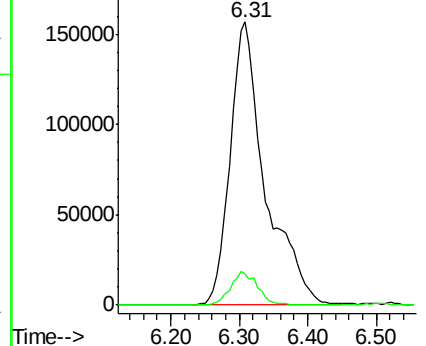
MMDadoda

9/29/2020 11:45:15 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.634 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

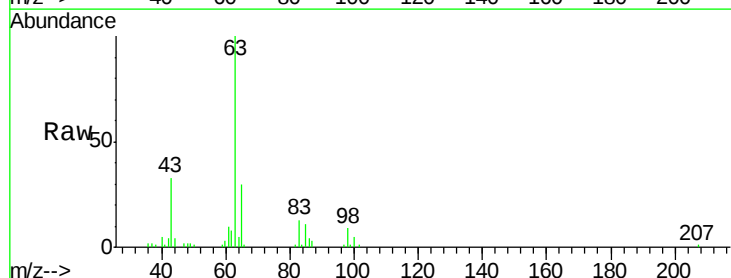
Tgt Ion: 63 Resp: 157679

Ion Ratio Lower Upper

63 100

98 8.6 3.7 11.1

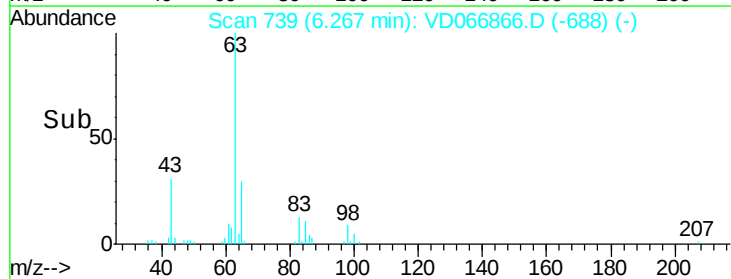
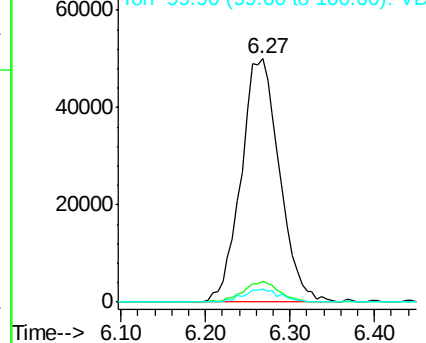
100 5.2 1.8 5.5

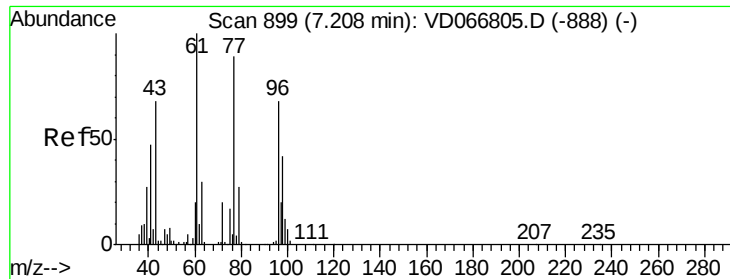


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 86.925 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion: 43 Resp: 88069

Ion Ratio Lower Upper

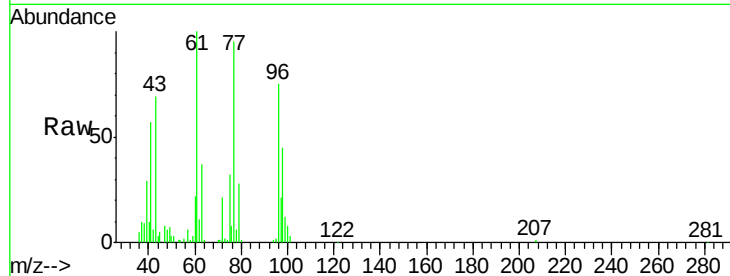
43 100

72 31.0 22.9 34.3

Manual Integrations
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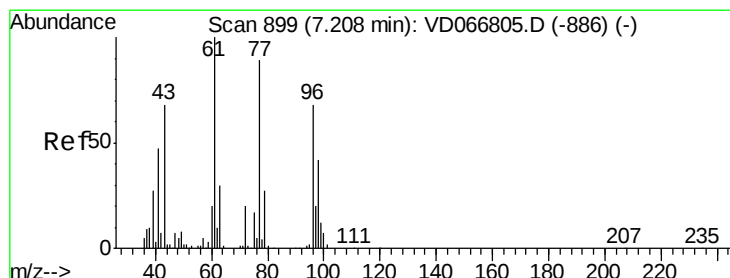
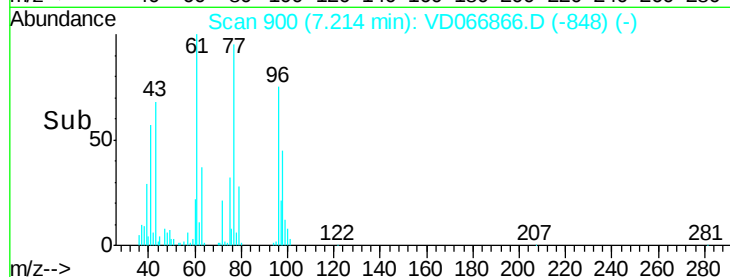
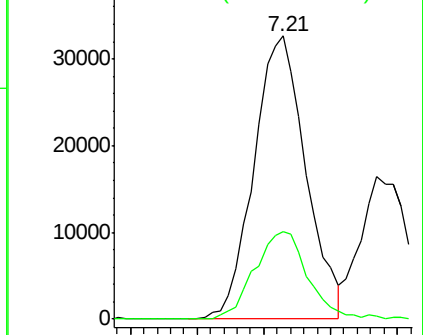
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 19.692 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066866.D

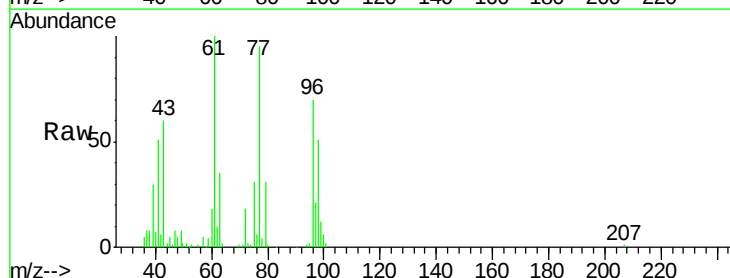
Acq: 25 Sep 2020 11:37

Tgt Ion: 77 Resp: 144952

Ion Ratio Lower Upper

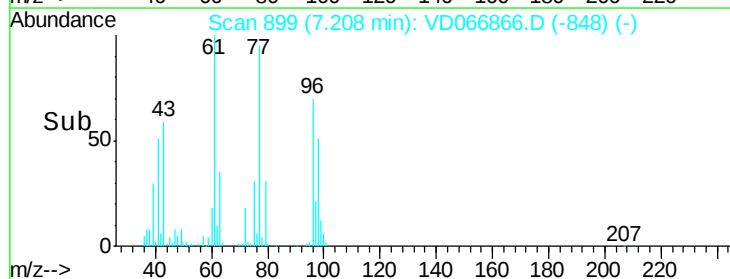
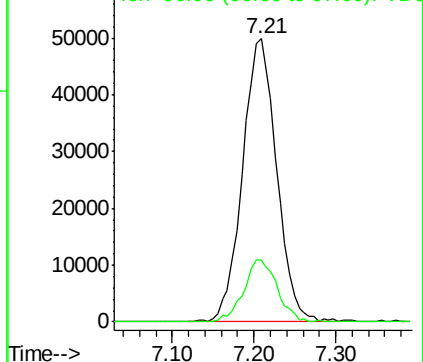
77 100

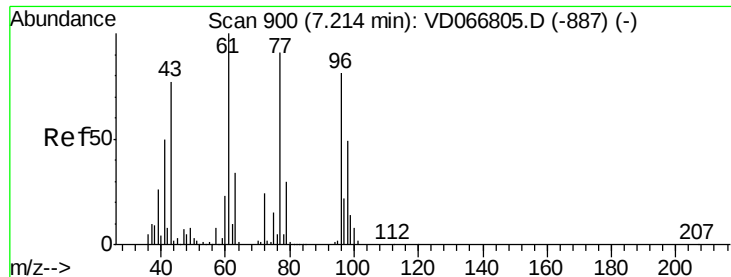
97 21.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

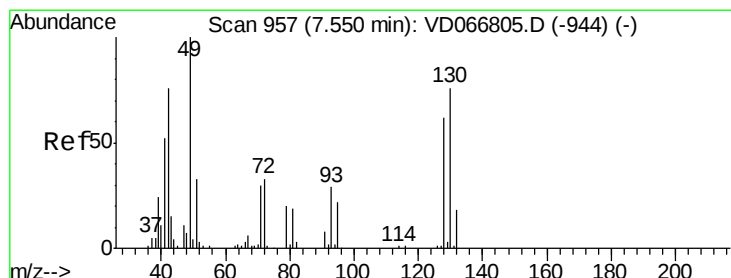
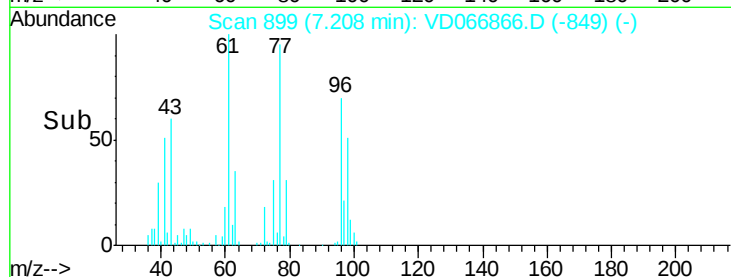
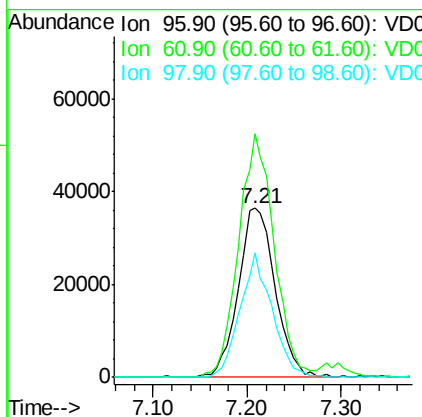
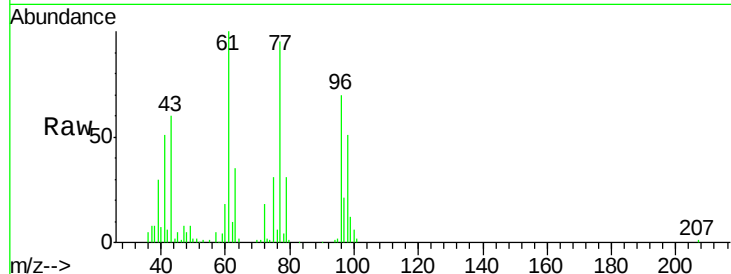
cis-1,2-Dichloroethene
 Concen: 19.828 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.0	0.0	283.8	
98	64.1	0.0	128.4	

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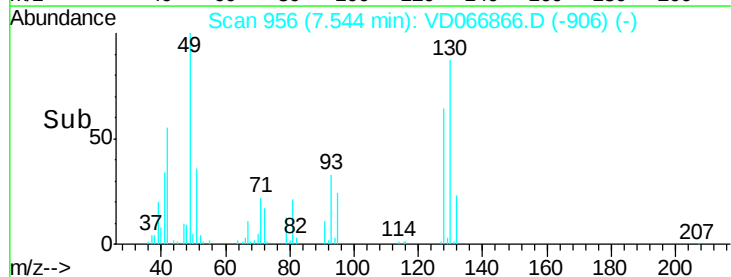
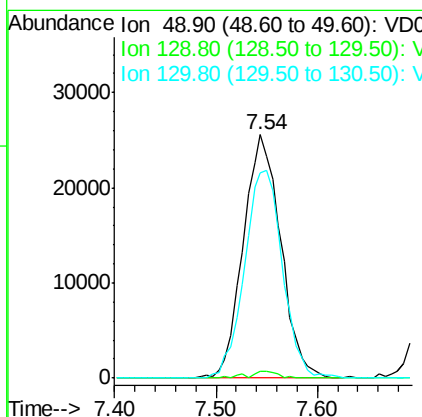
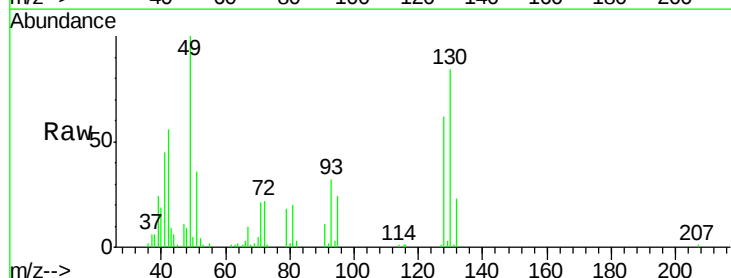
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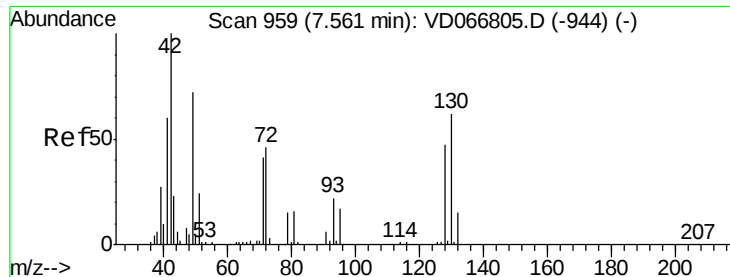


#28

Bromochloromethane
 Concen: 19.815 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.7	0.0	2.0	
130	86.5	65.9	98.9	





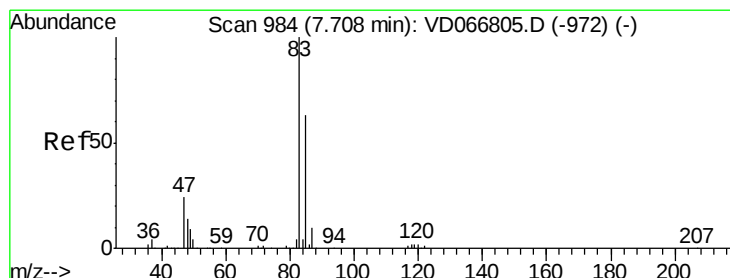
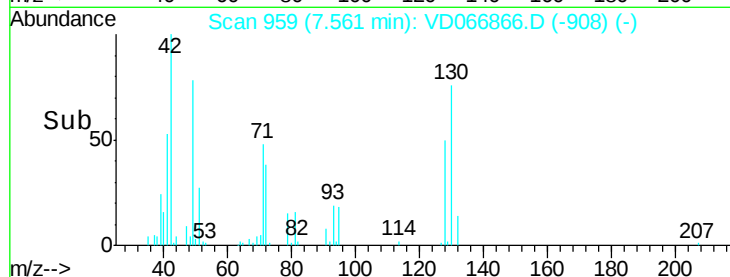
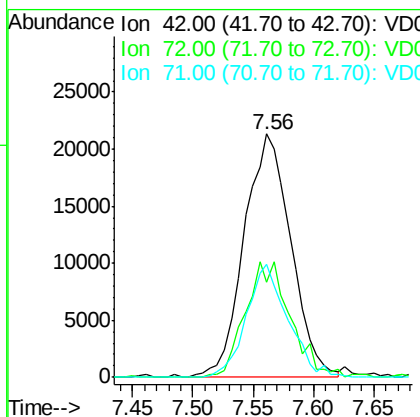
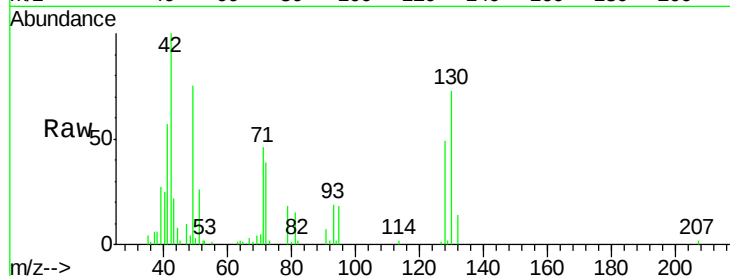
#29
Tetrahydrofuran
Concen: 88.539 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.2	54.4
71	41.3	32.4	48.6

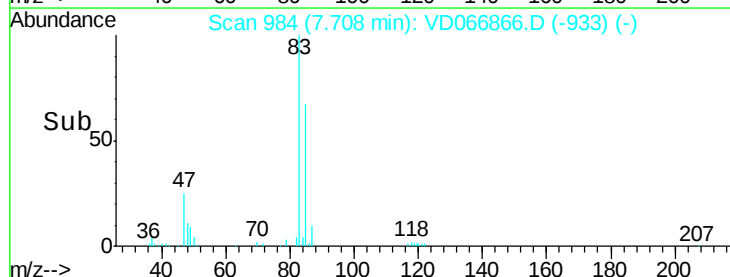
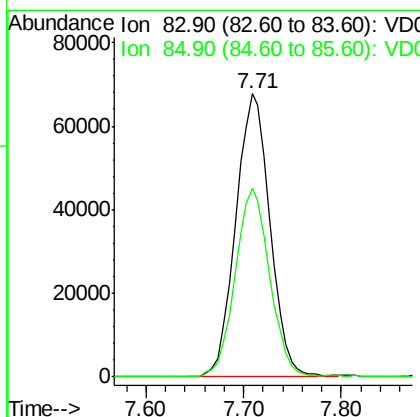
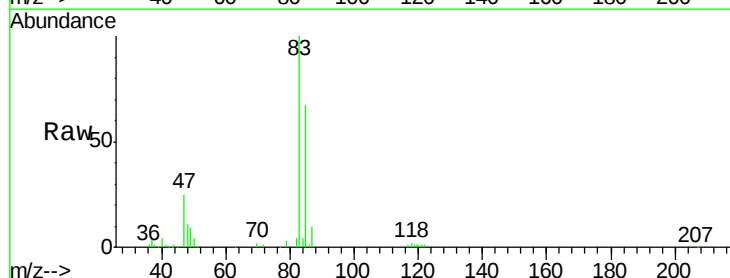
Manual Integrations
APPROVED

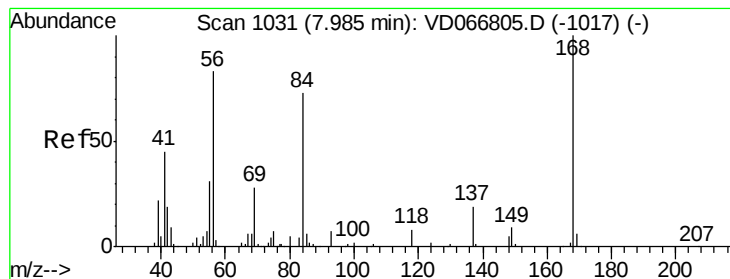
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#30
Chloroform
Concen: 19.192 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.6	75.8





#31

Cyclohexane

Concen: 19.189 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

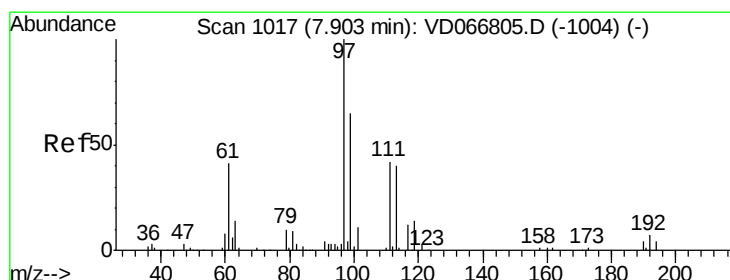
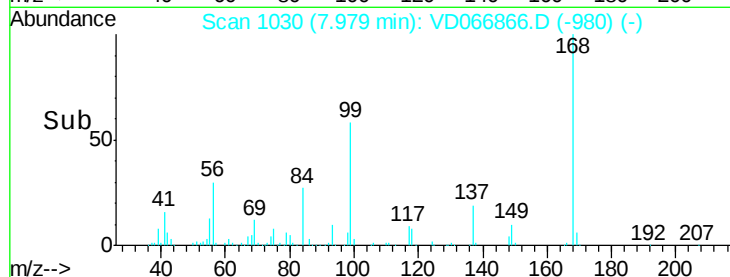
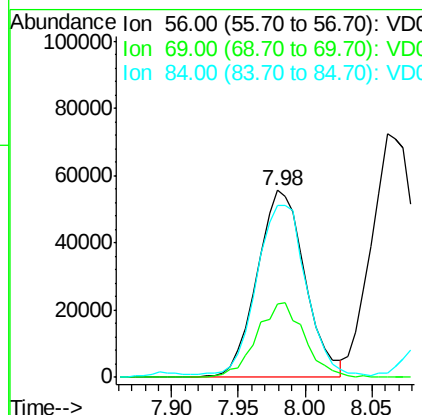
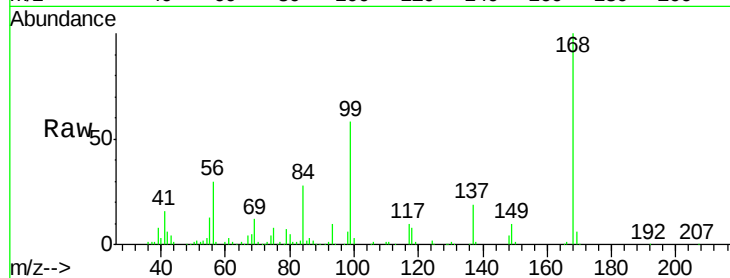
ClientSampleID :

VD0925SBS01

Tot Ion:	56	Resp:	138664
Ion Ratio	Lower	Upper	
56	100		
69	39.1	27.0	40.4
84	91.1	70.2	105.4

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#32

1,1,1-Trichloroethane

Concen: 19.907 ug/l

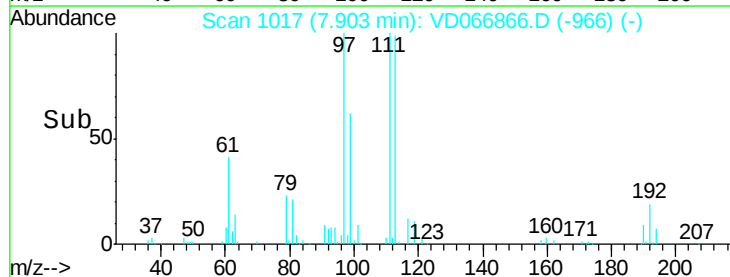
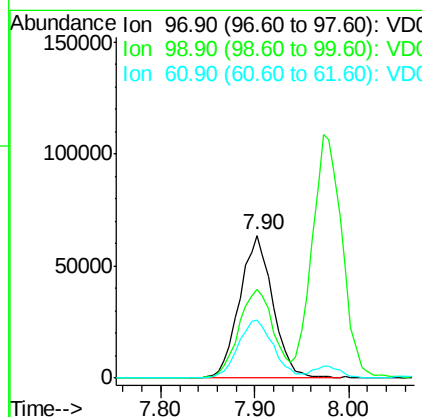
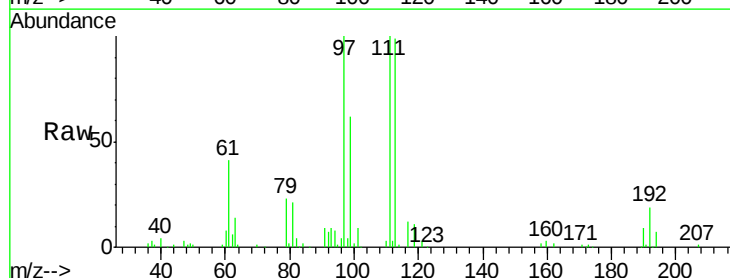
RT: 7.90 min Scan# 1017

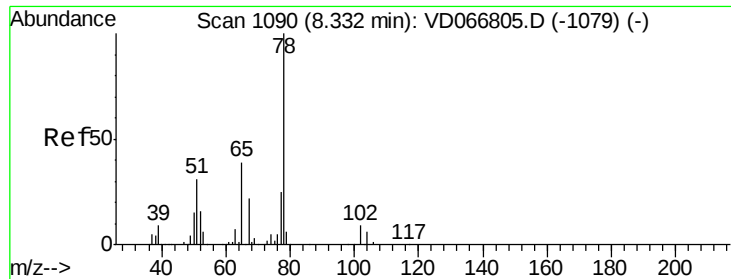
Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion:	97	Resp:	155894
Ion Ratio	Lower	Upper	
97	100		
99	65.4	51.5	77.3
61	43.3	34.2	51.4





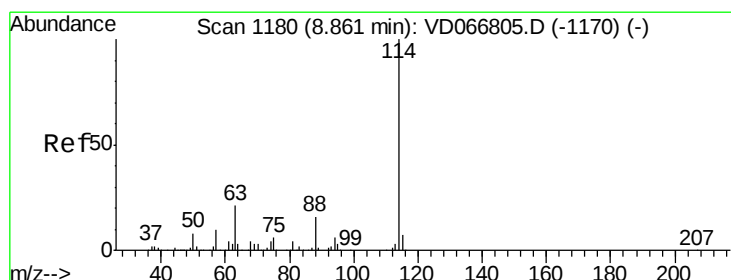
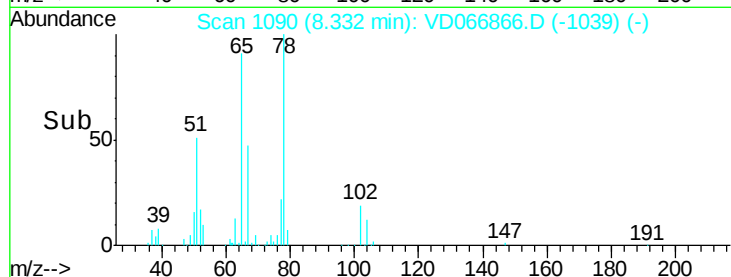
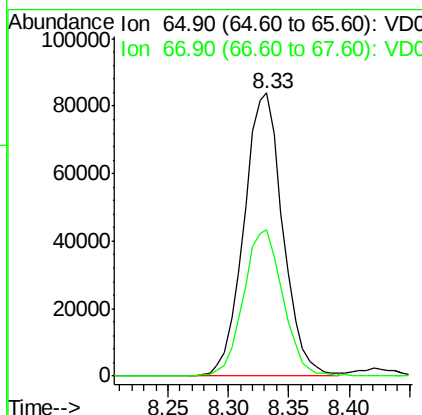
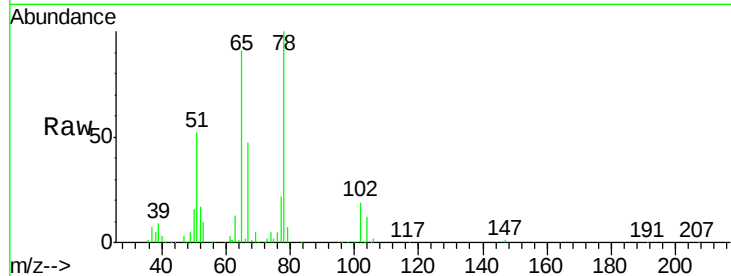
#33
 1,2-Dichloroethane-d4
 Concen: 47.344 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	188157		
67	52.3	0.0	107.2	

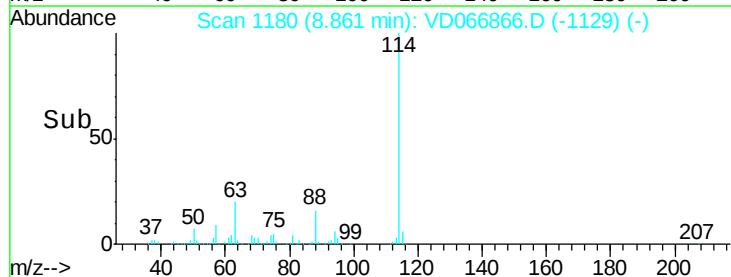
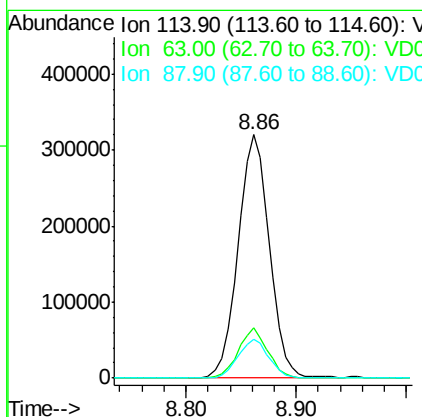
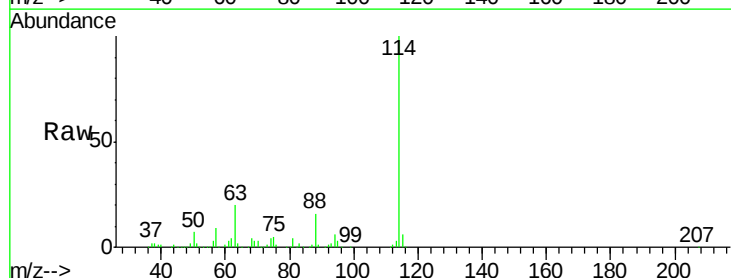
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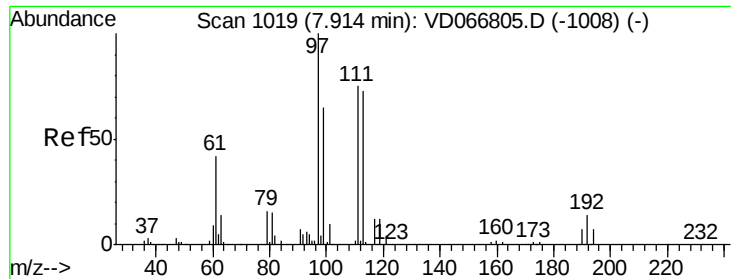
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	637752		
63	20.5	0.0	42.6	
88	16.2	0.0	32.6	





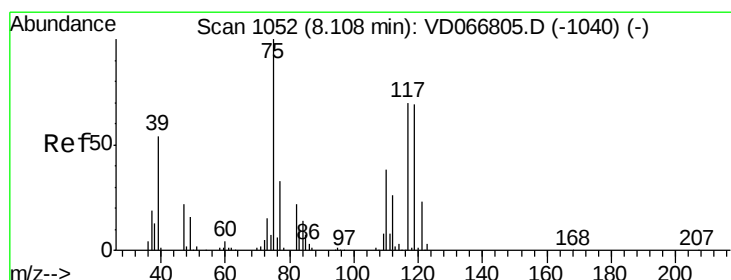
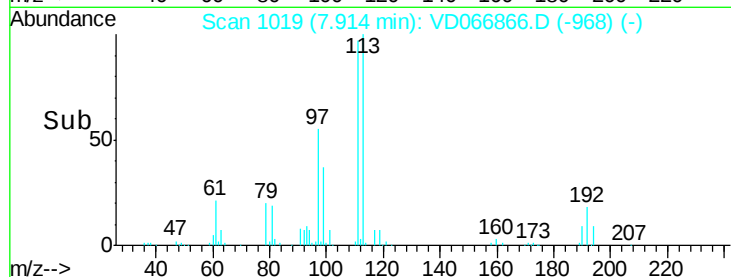
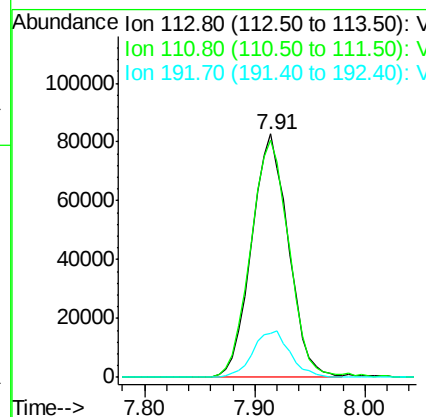
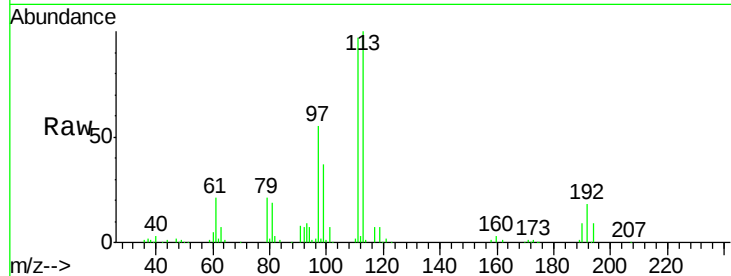
#35
 Dibromofluoromethane
 Concen: 48.014 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	194810		
111	101.3	81.8	122.8	
192	19.2	14.4	21.6	

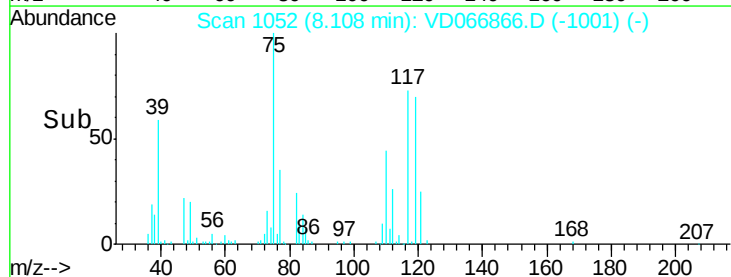
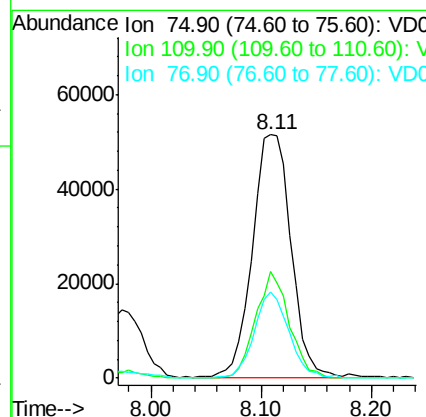
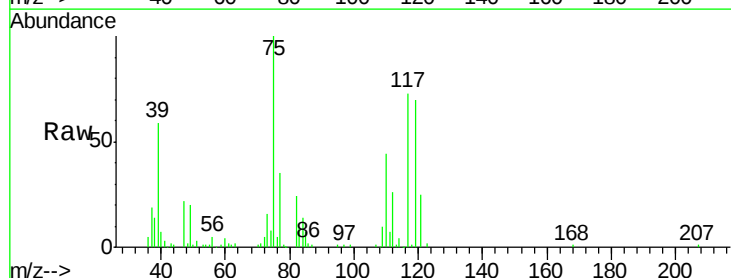
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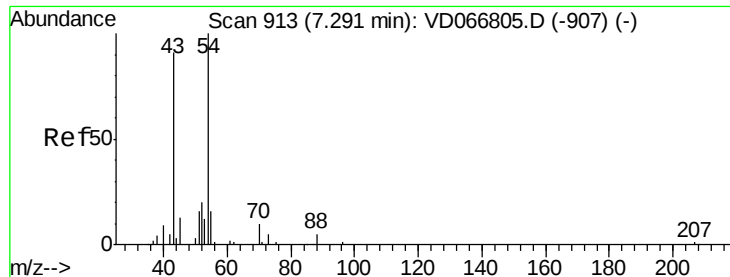
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#36
 1,1-Dichloropropene
 Concen: 19.872 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	125730		
110	38.4	17.9	53.8	
77	32.0	25.0	37.6	





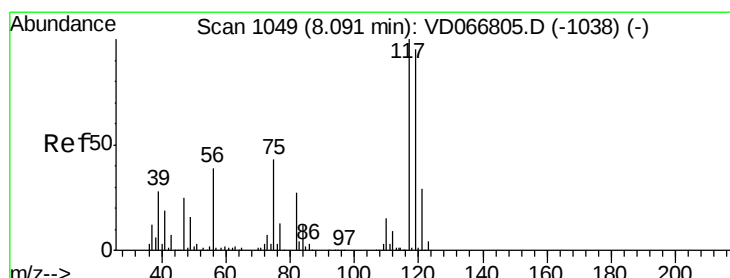
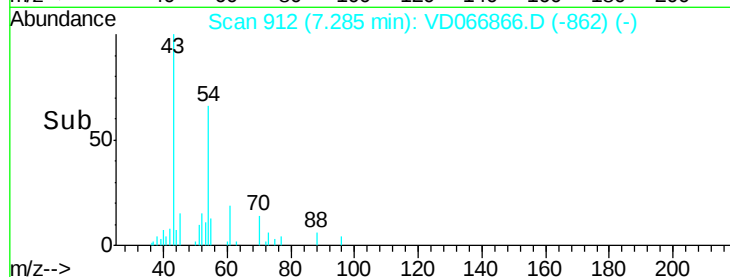
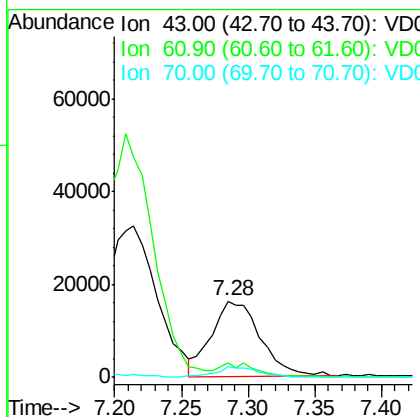
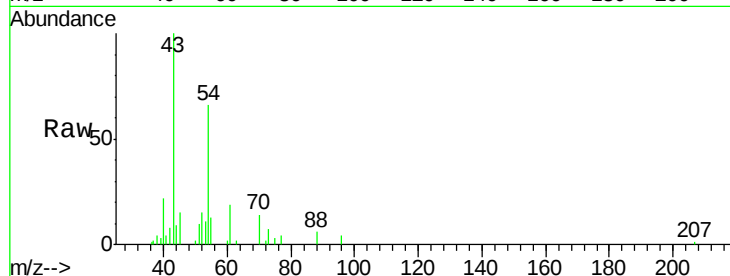
#37
Ethyl Acetate
Concen: 18.105 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	9.8	14.8
70	12.7	8.5	12.7

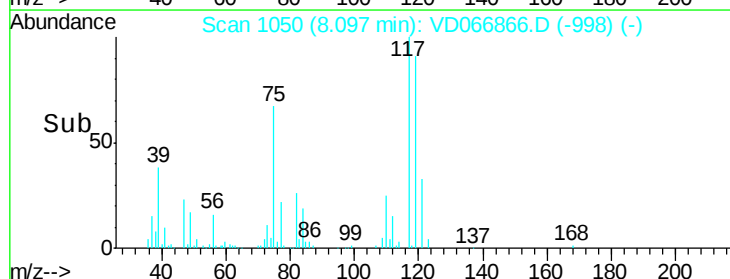
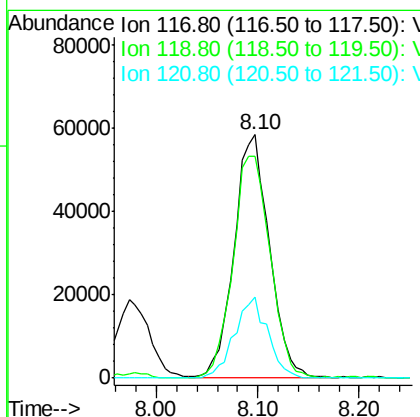
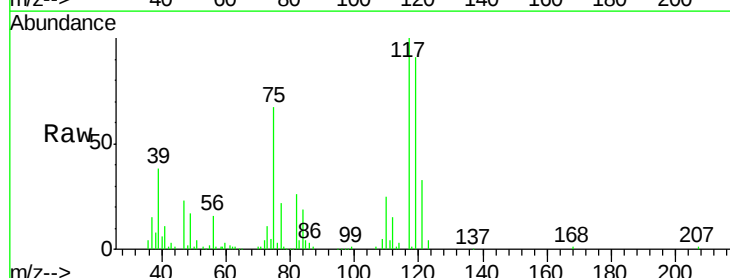
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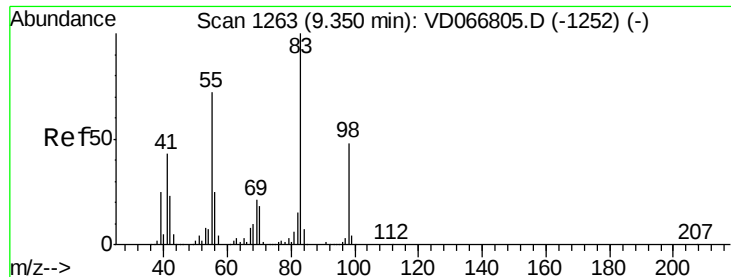
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#38
Carbon Tetrachloride
Concen: 20.575 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	75.8	113.8
121	33.2	23.4	35.0





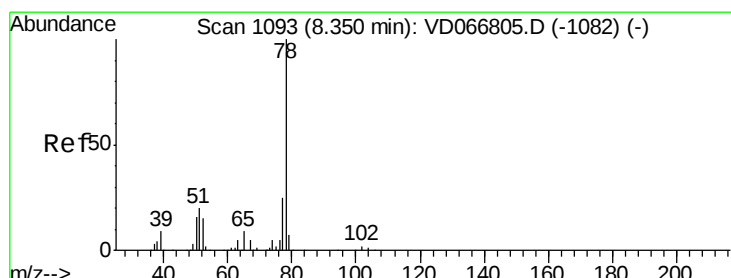
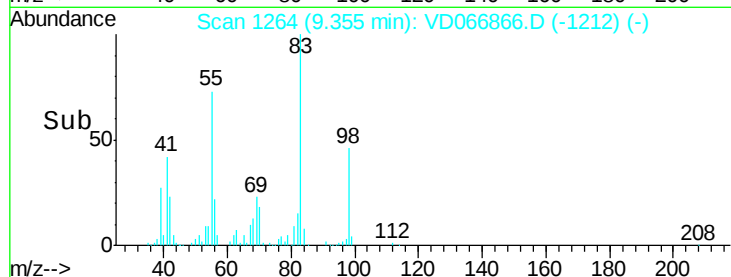
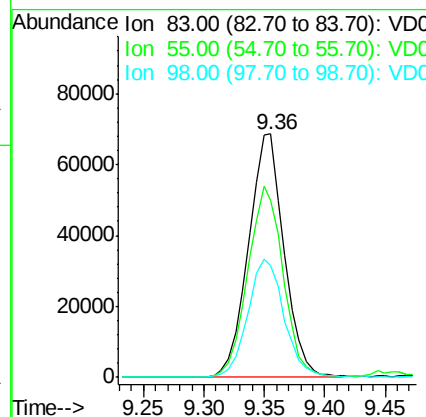
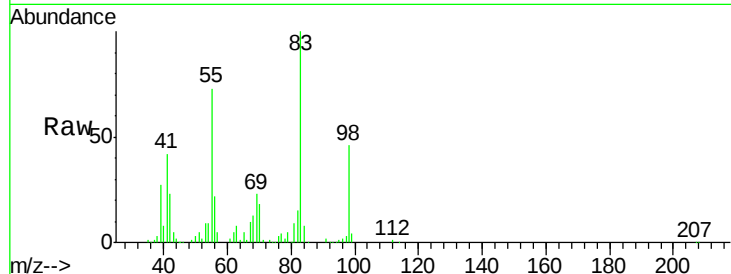
#39
Methvlcvclohexane
Concen: 19.475 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	57.7	86.5
98	46.1	38.4	57.6

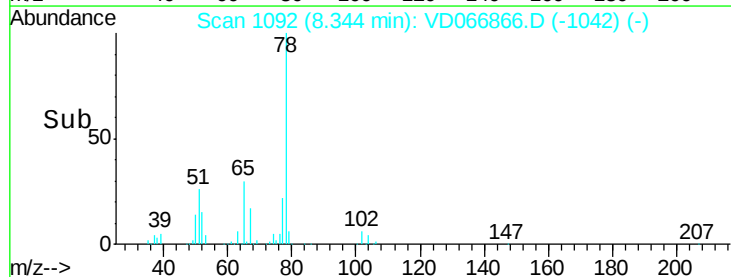
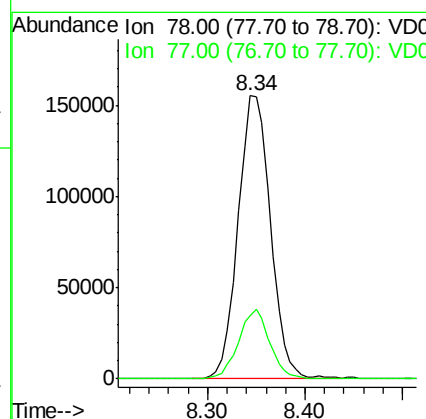
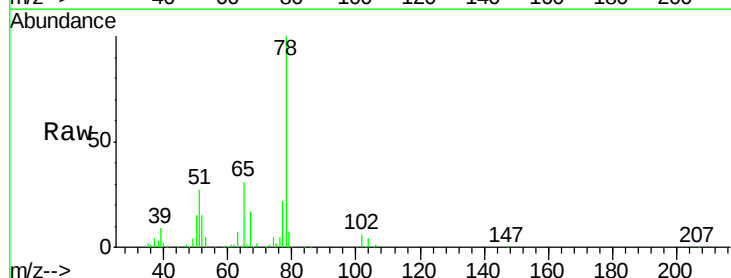
Manual Integrations
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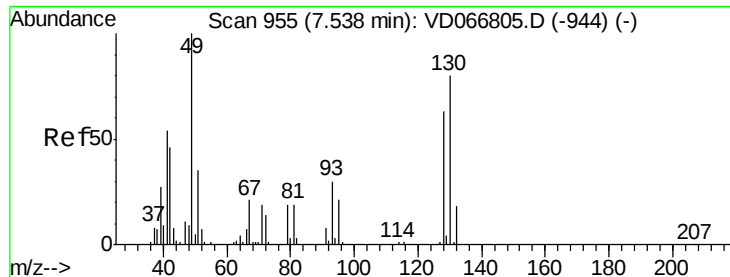
MMDadoda
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#40
Benzene
Concen: 20.312 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.9	29.9





#41

Methacrylonitrile

Concen: 18.614 ug/l m

RT: 7.53 min Scan# 954

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion: 41 Resp: 26182

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

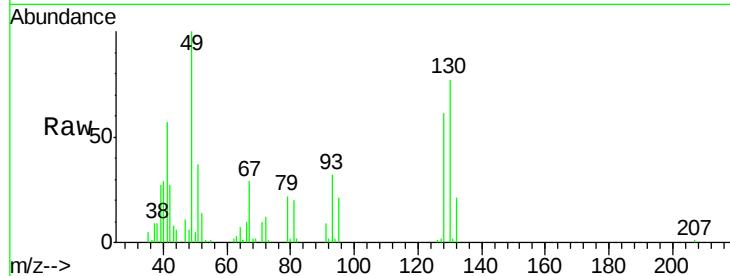
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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9/29/2020 11:45:15 AM

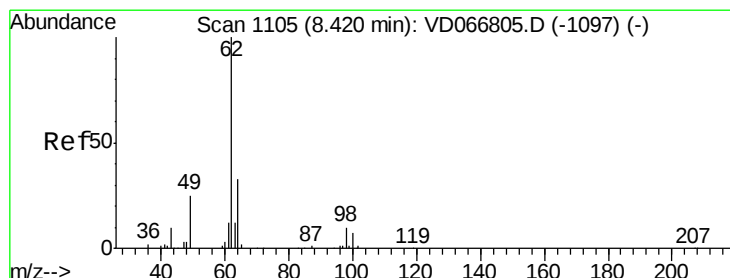
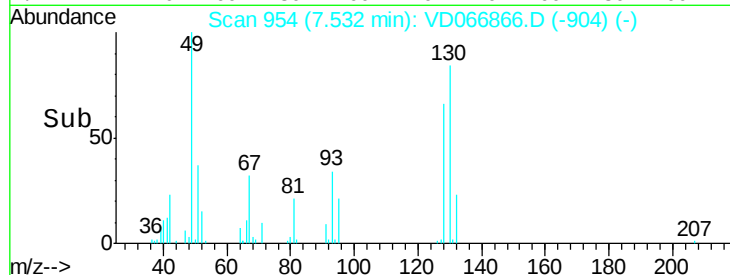
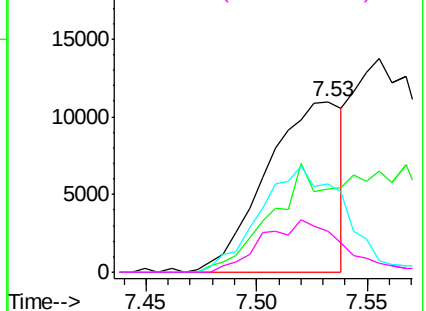


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 19.636 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VD066866.D

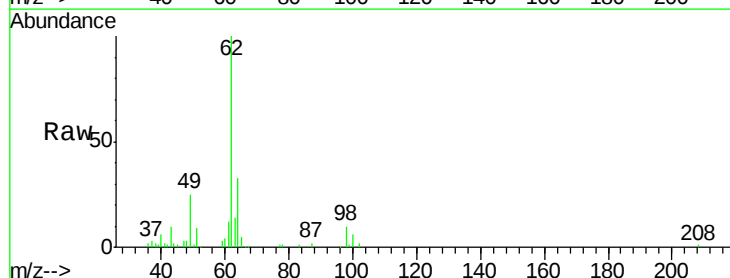
Acq: 25 Sep 2020 11:37

Tgt Ion: 62 Resp: 102362

Ion Ratio Lower Upper

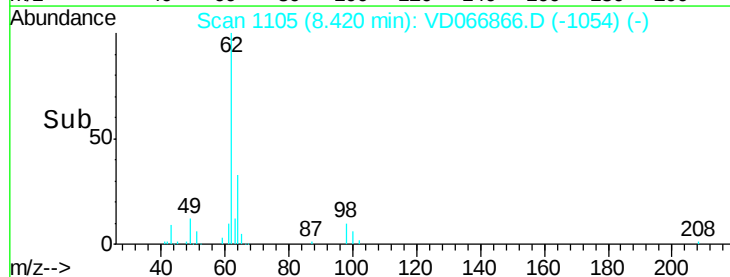
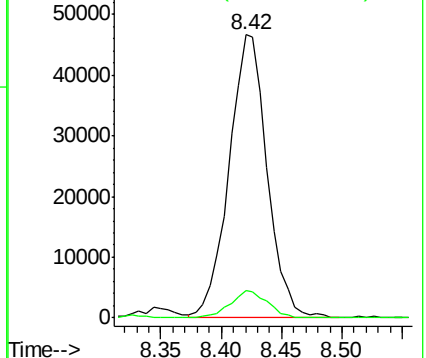
62 100

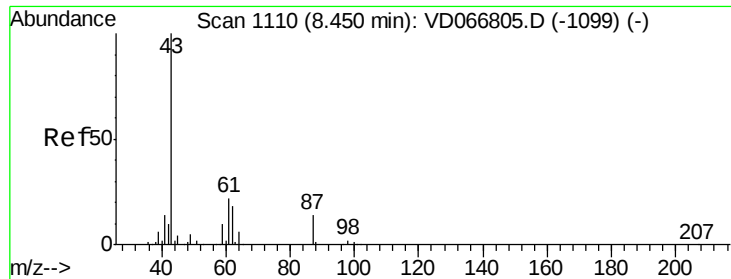
98 9.2 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





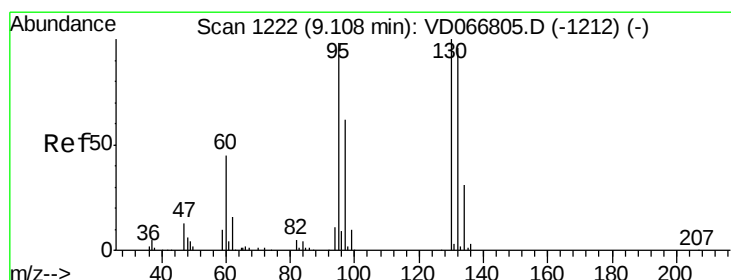
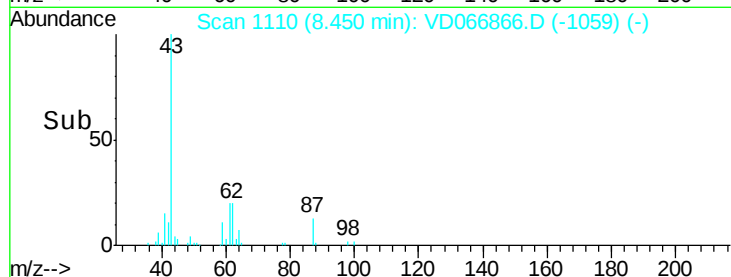
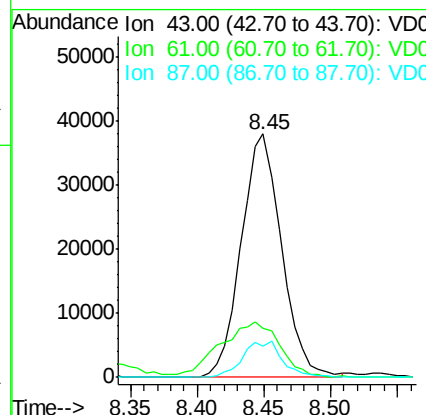
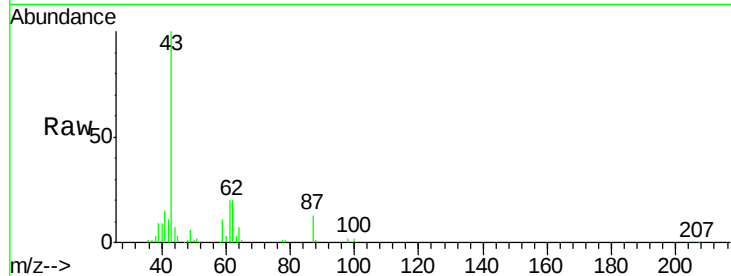
#43
Isopropyl Acetate
Concen: 18.041 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.7	26.2	39.4
87	14.7	11.5	17.3

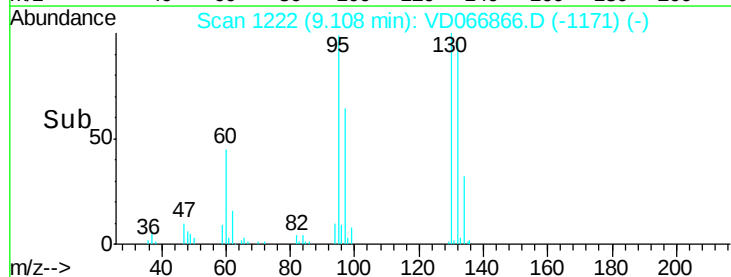
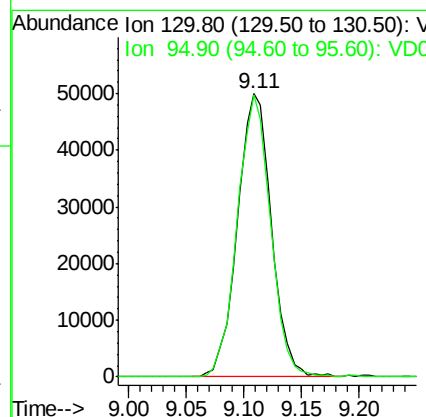
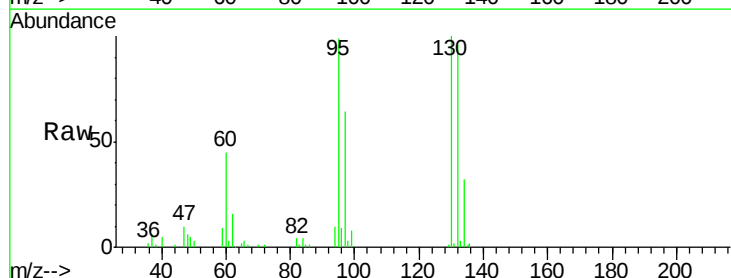
Manual Integrations
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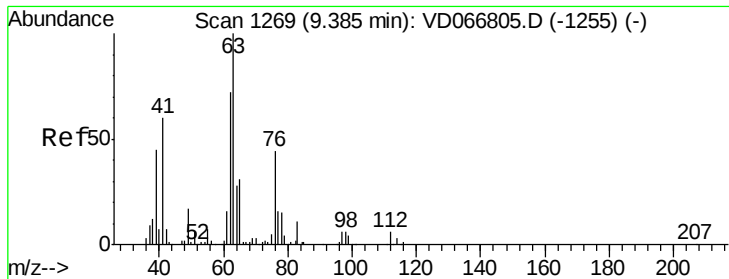
MMDadoda
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#44
Trichloroethene
Concen: 20.239 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.5	0.0	197.0





#45

1,2-Dichloropropane

Concen: 19.786 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion: 63 Resp: 87781

Ion Ratio Lower Upper

63 100

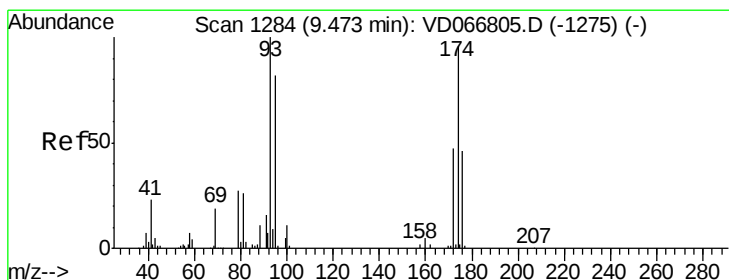
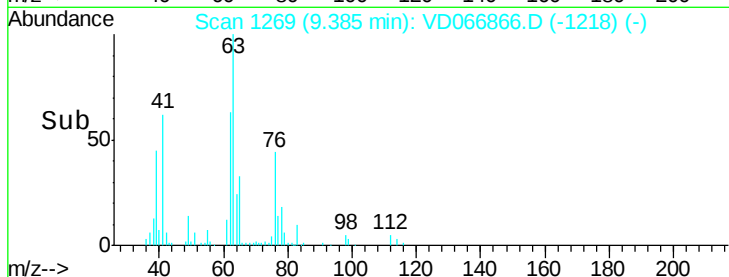
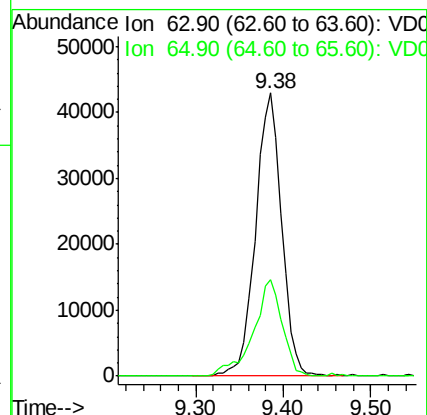
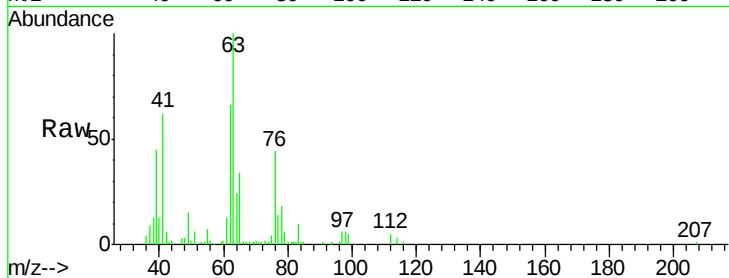
65 34.0 24.7 37.1

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#46

Dibromomethane

Concen: 20.549 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

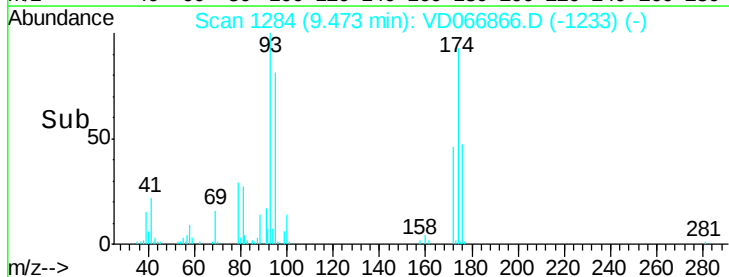
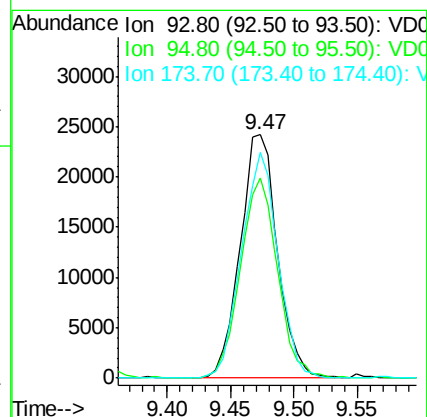
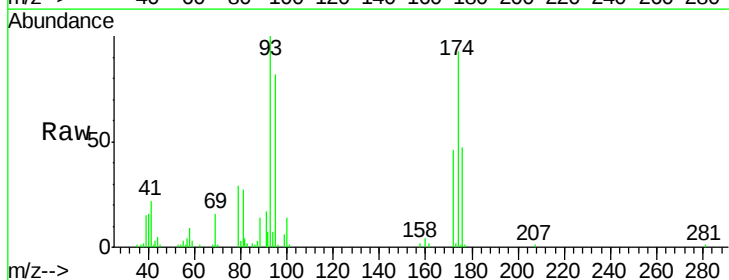
Tgt Ion: 93 Resp: 49534

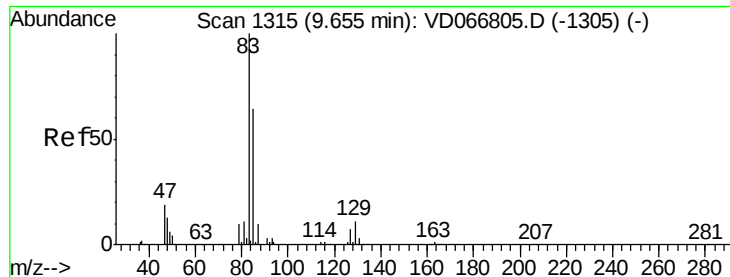
Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

174 90.4 75.4 113.2





#47

Bromodichloromethane

Concen: 20.193 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

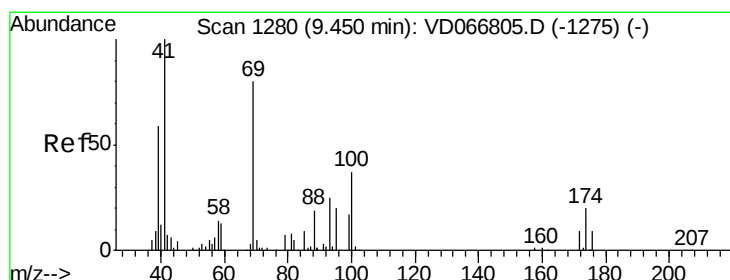
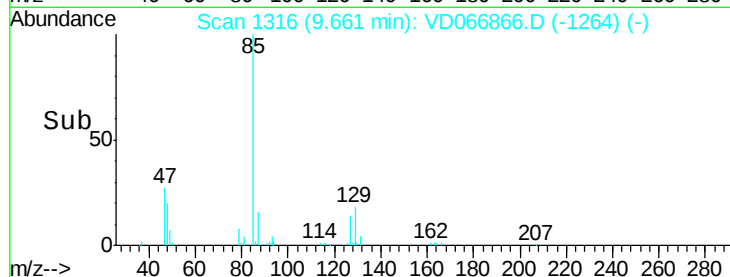
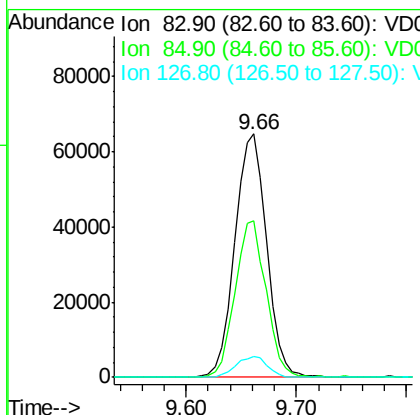
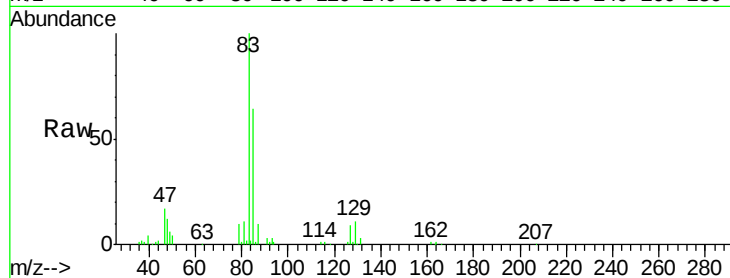
ClientSampleId :

VD0925SBS01

Tot Ion:	83	Resp:	130755
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.9	76.3
127	8.7	5.9	8.9

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#48

Methyl methacrylate

Concen: 19.244 ug/l

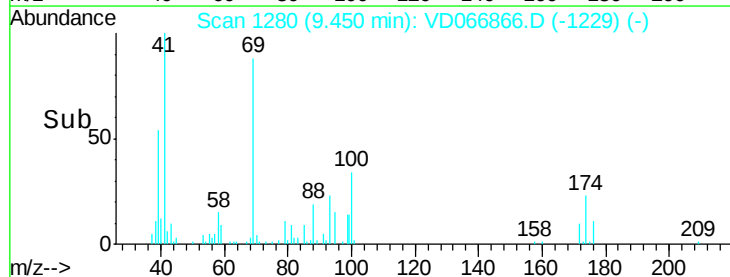
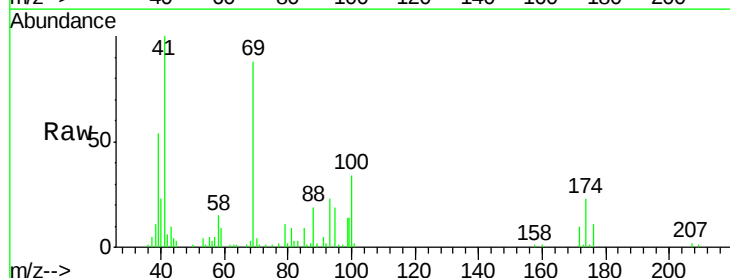
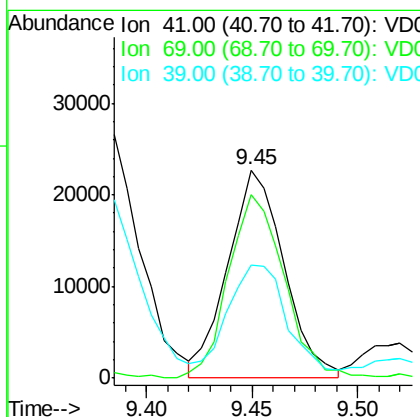
RT: 9.45 min Scan# 1280

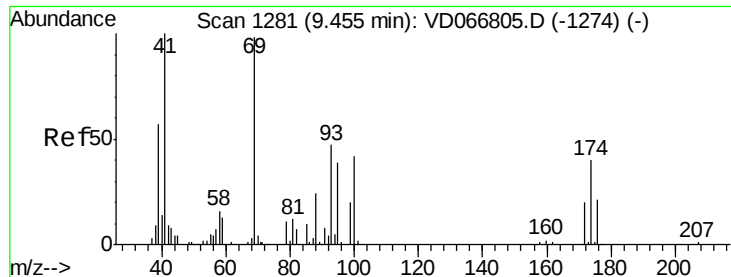
Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion:	41	Resp:	41841
Ion	Ratio	Lower	Upper
41	100		
69	87.9	74.5	111.7
39	51.2	47.0	70.6





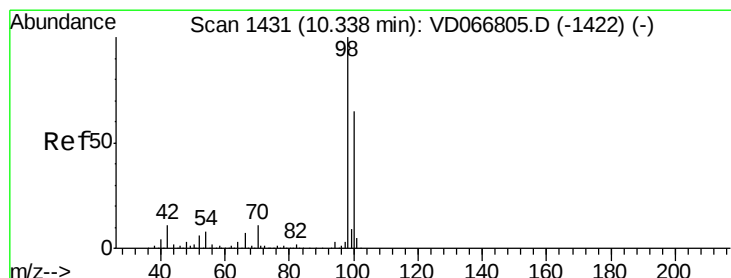
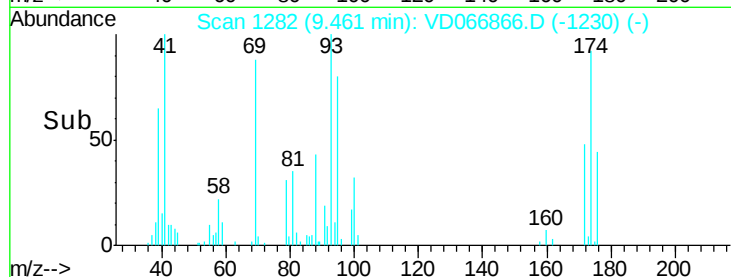
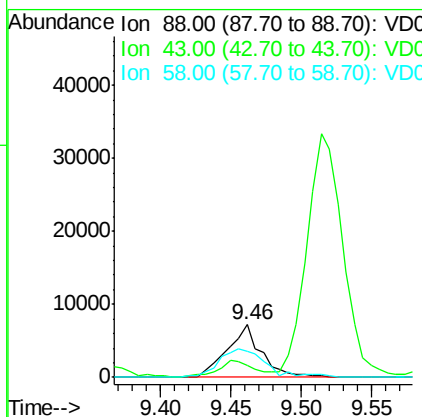
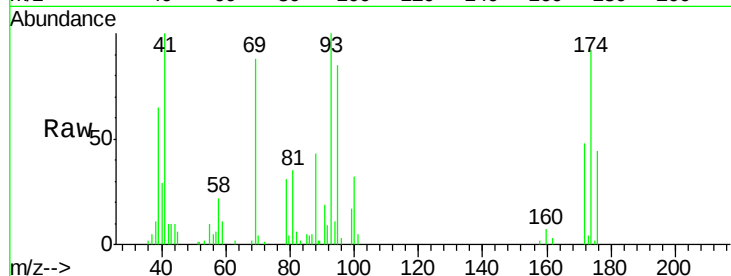
#49
1,4-Dioxane
Concen: 378.882 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	27.7	41.5
58	72.9	55.5	83.3

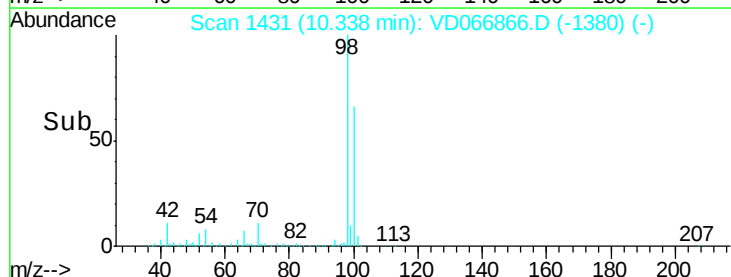
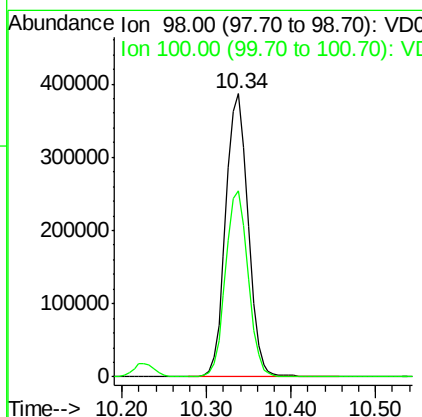
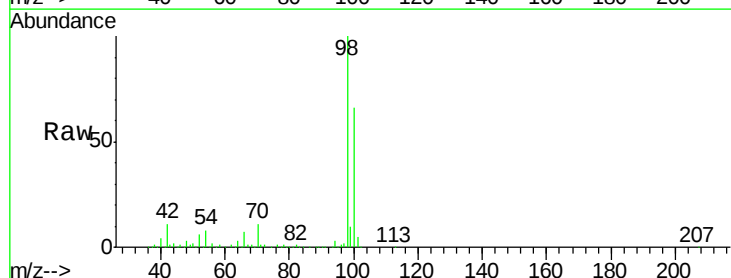
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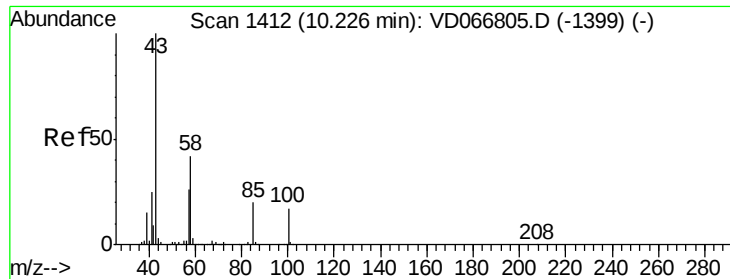
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#50
Toluene-d8
Concen: 51.262 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 92.601 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion: 43 Resp: 206912

Ion Ratio Lower Upper

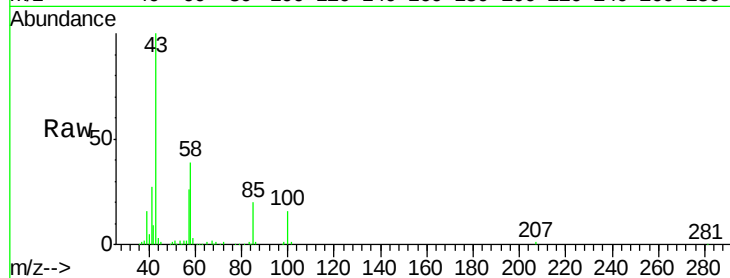
43 100

58 40.1 32.2 48.4

Manual Integrations
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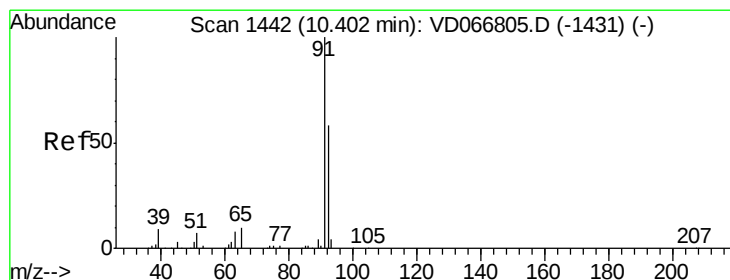
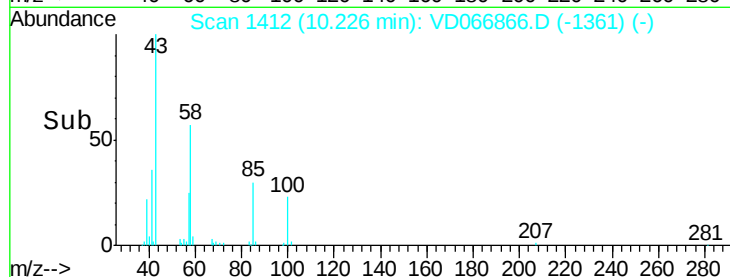
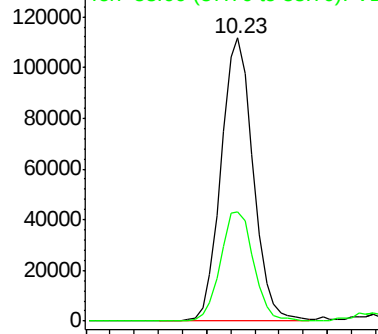
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.764 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066866.D

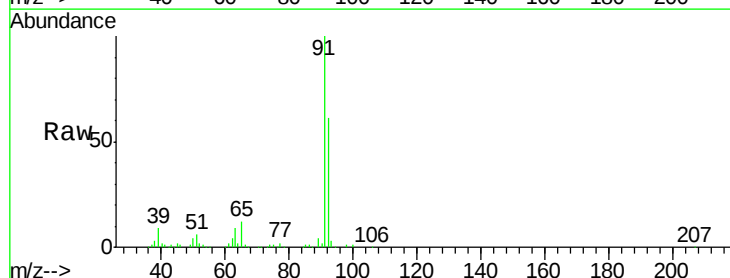
Acq: 25 Sep 2020 11:37

Tgt Ion: 92 Resp: 235845

Ion Ratio Lower Upper

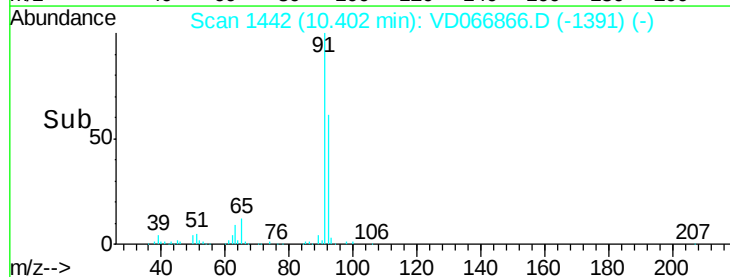
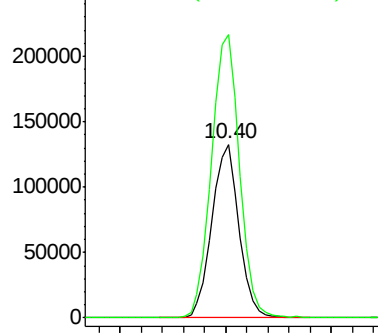
92 100

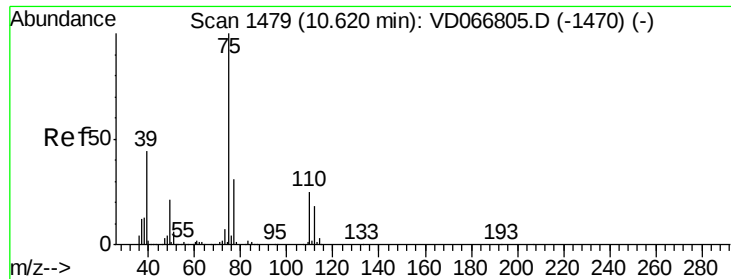
91 169.4 134.6 202.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





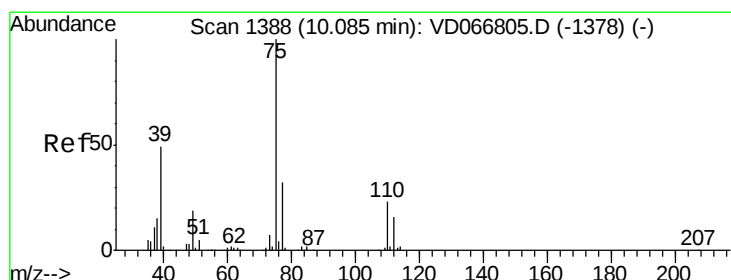
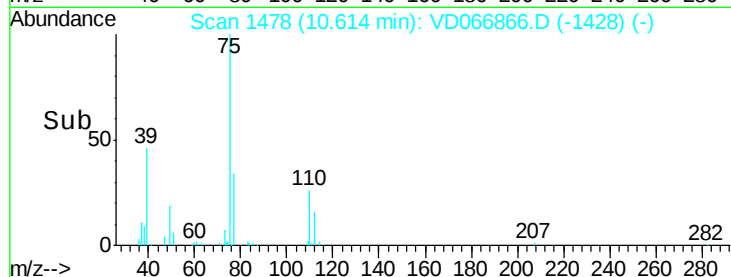
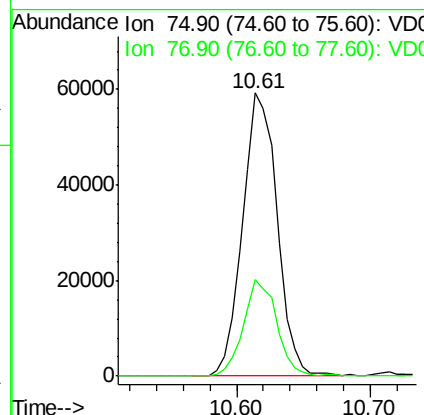
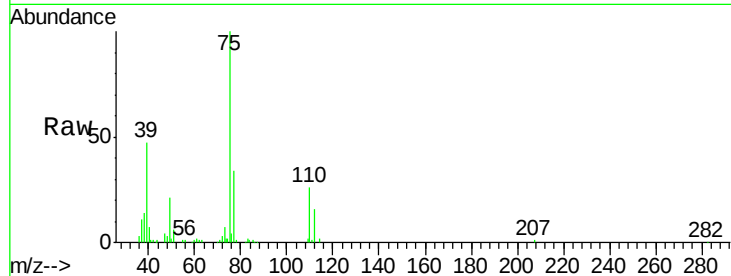
#53
t-1,3-Dichloropropene
Concen: 19.244 ug/l
RT: 10.61 min Scan# 1478
Delta R.T. -0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion: 75 Resp: 106064
Ion Ratio Lower Upper
75 100
77 34.1 24.5 36.7

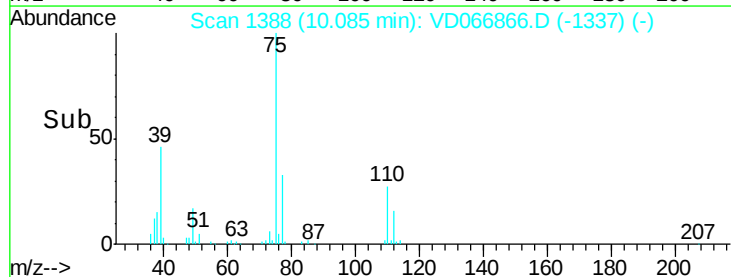
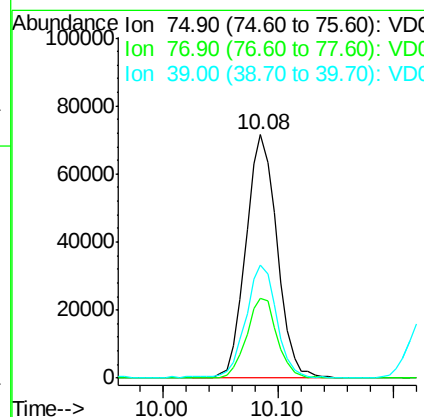
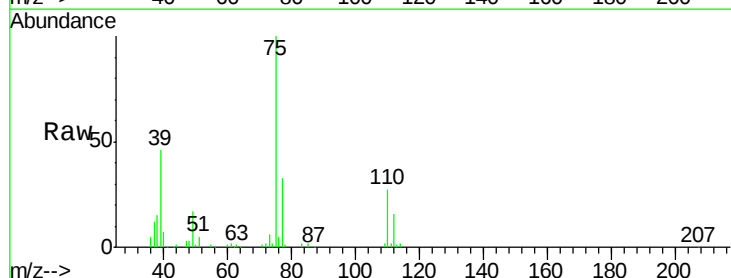
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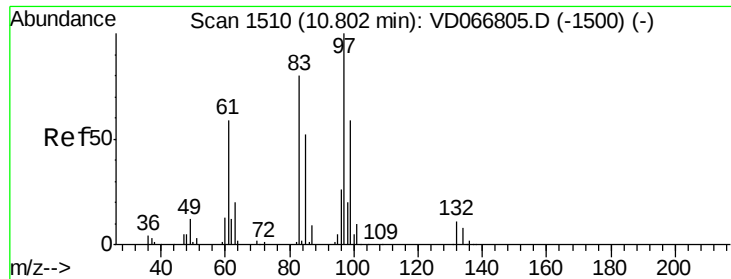
MMDadoda
9/29/2020 11:45:15 AM



#54
cis-1,3-Dichloropropene
Concen: 20.023 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 75 Resp: 134558
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4
39 46.2 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 19.677 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

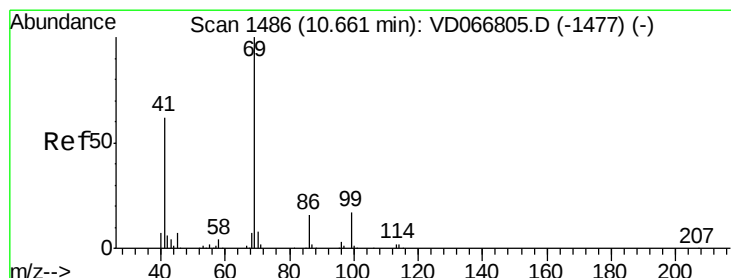
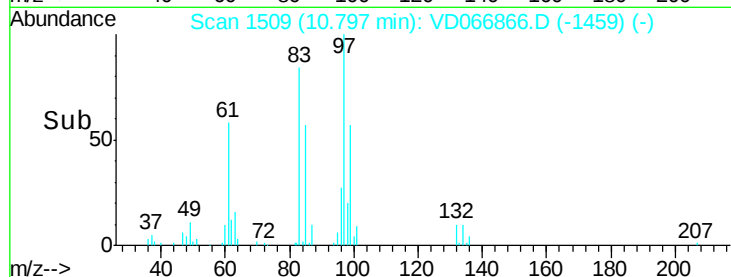
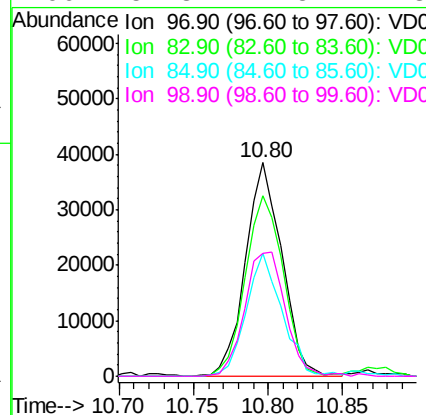
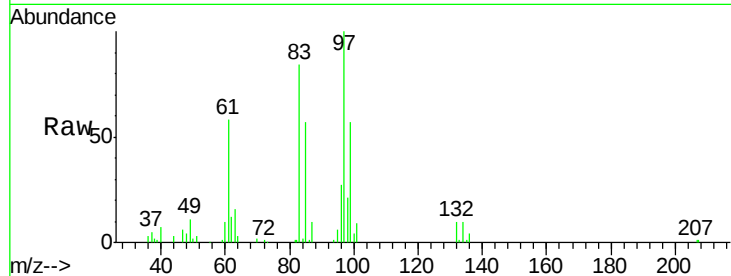
ClientSampleId :

VD0925SBS01

Tot Ion:	97	Resp:	65205
Ion	Ratio	Lower	Upper
97	100		
83	84.2	64.2	96.2
85	57.5	41.9	62.9
99	57.3	47.5	71.3

Manual Integrations
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MMDadoda
9/29/2020 11:45:15 AM



#56

Ethyl methacrylate

Concen: 19.059 ug/l

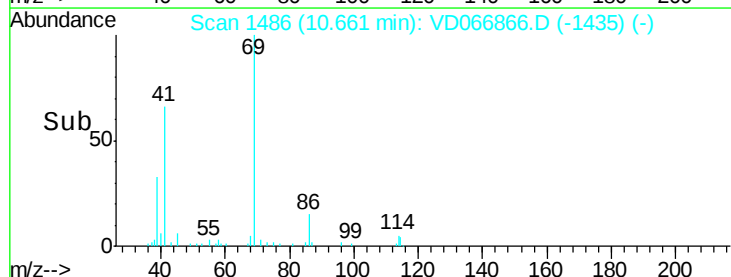
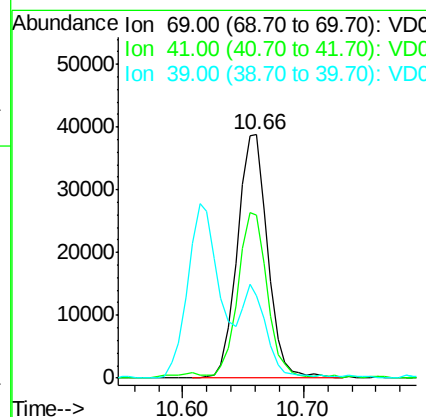
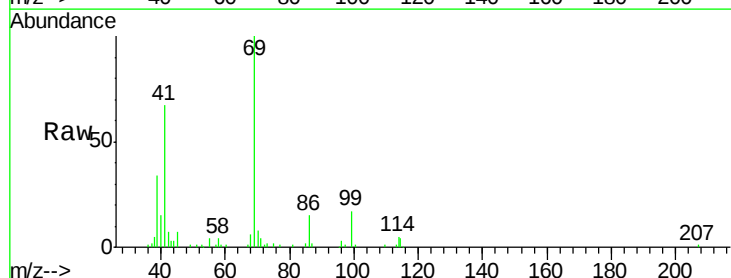
RT: 10.66 min Scan# 1486

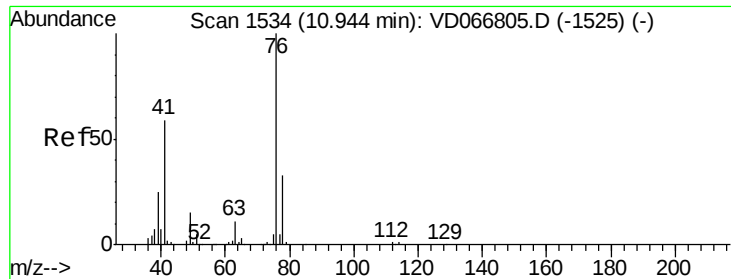
Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion:	69	Resp:	67660
Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.2	78.2
39	30.0	26.6	40.0





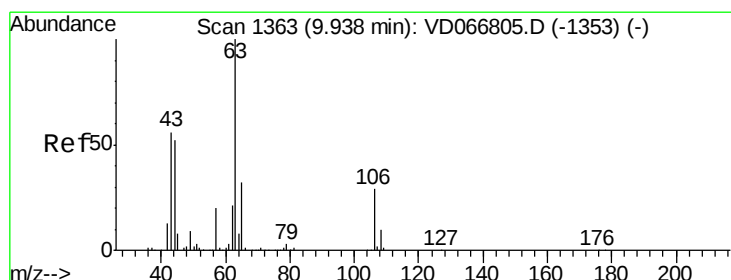
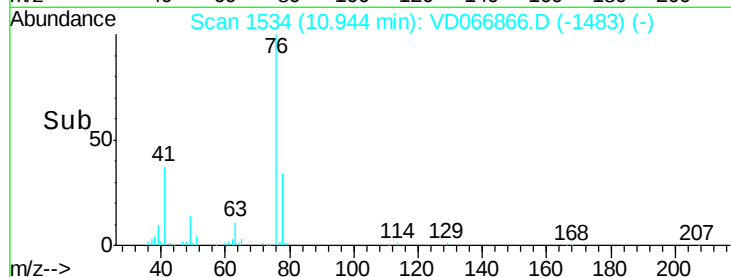
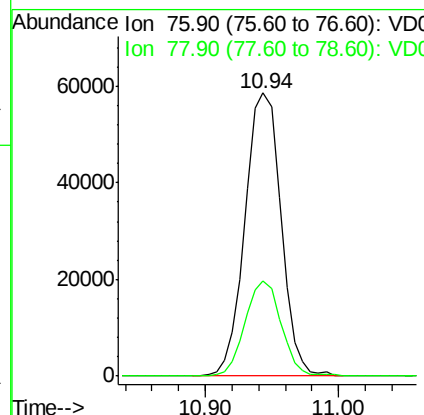
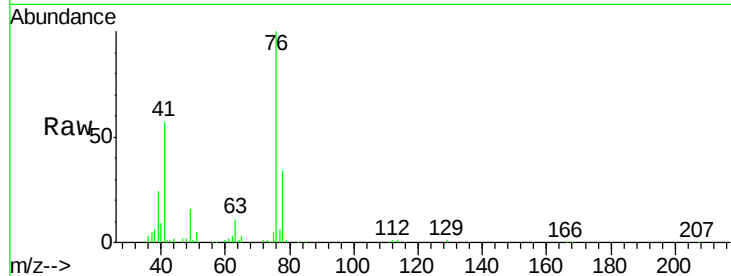
#57
 1,3-Dichloropropane
 Concen: 20.004 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.6	26.3	39.5

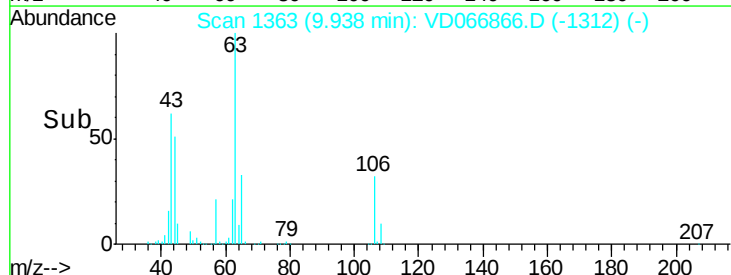
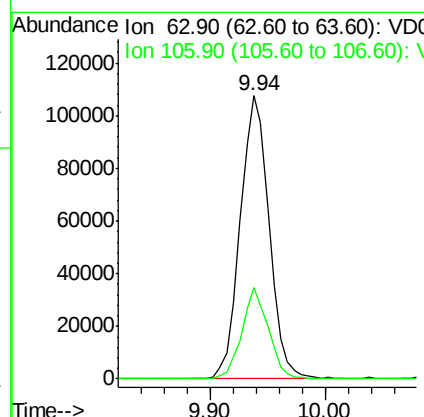
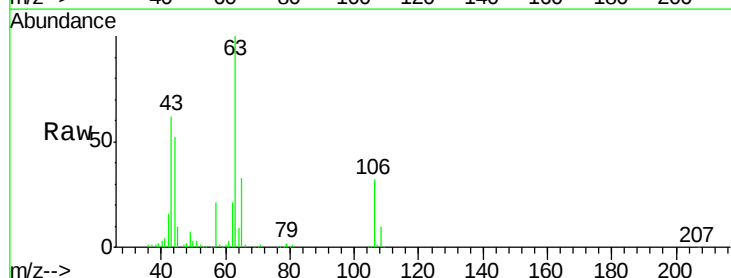
Manual Integrations
 APPROVED

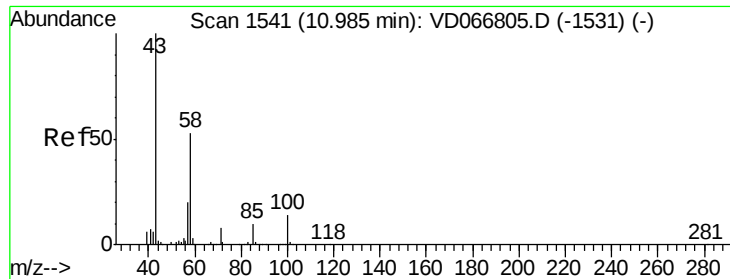
MMDadoda
 9/29/2020 11:45:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.984 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.8	35.6





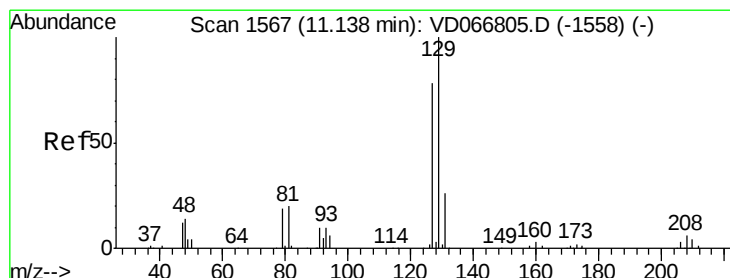
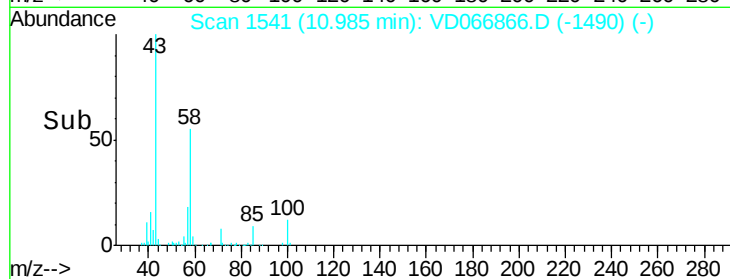
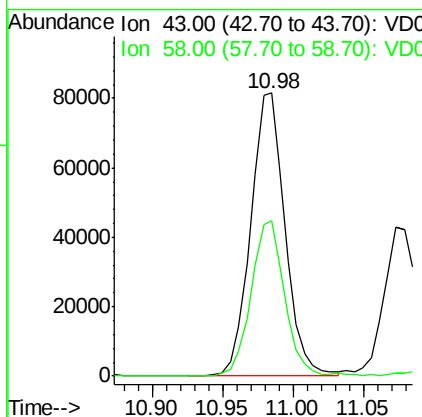
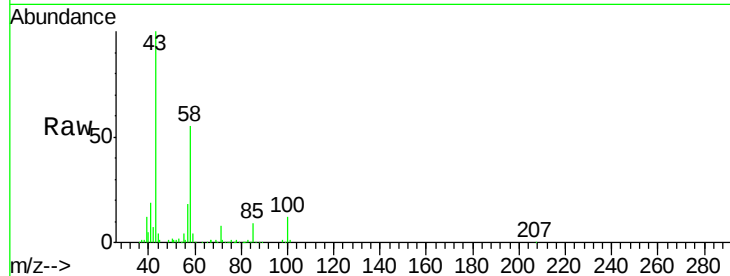
#59
2-Hexanone
Concen: 92.579 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion: 43 Resp: 139503
Ion Ratio Lower Upper
43 100
58 53.2 27.0 80.8

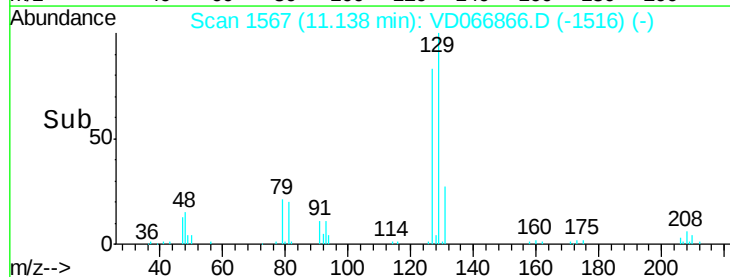
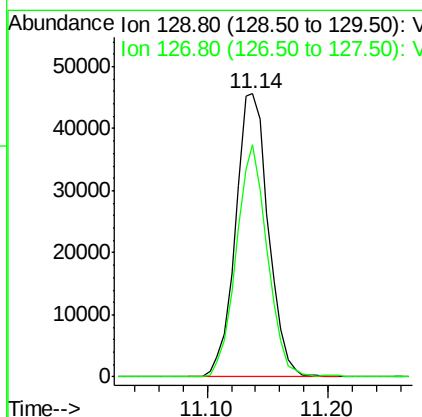
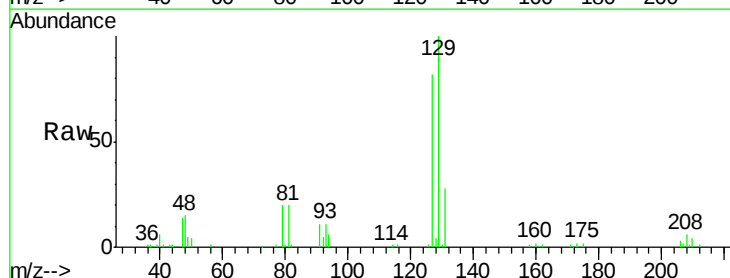
Manual Integrations
APPROVED

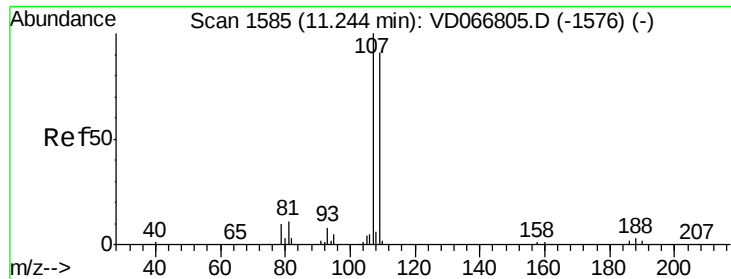
MMDadoda
9/29/2020 11:45:15 AM



#60
Dibromochloromethane
Concen: 20.022 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 129 Resp: 86594
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





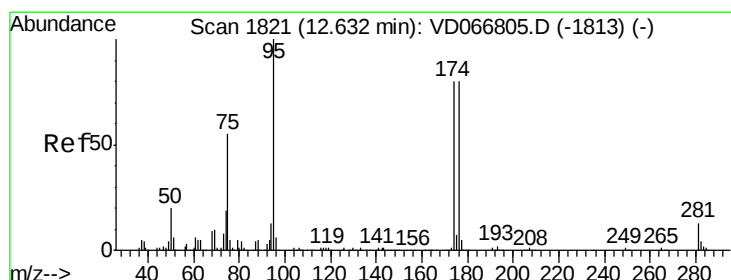
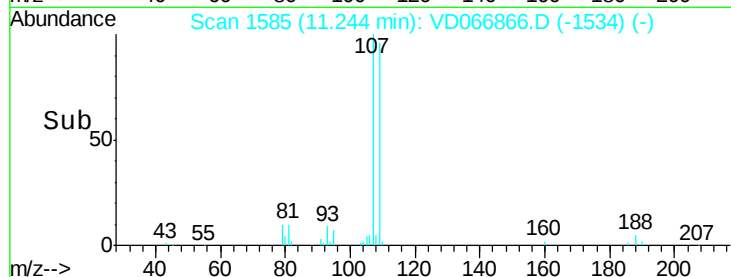
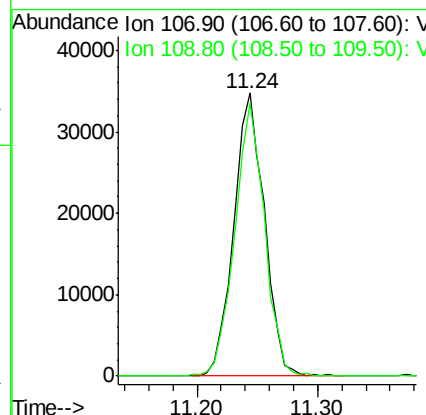
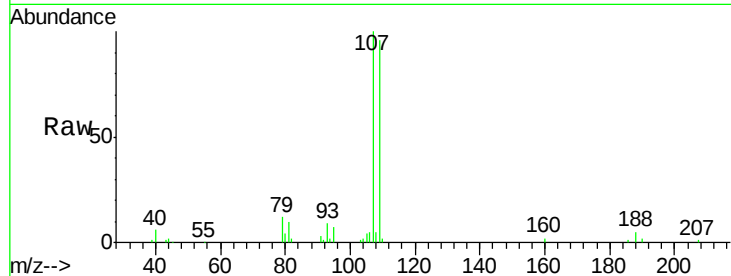
#61
 1,2-Dibromoethane
 Concen: 19.921 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.0	112.4

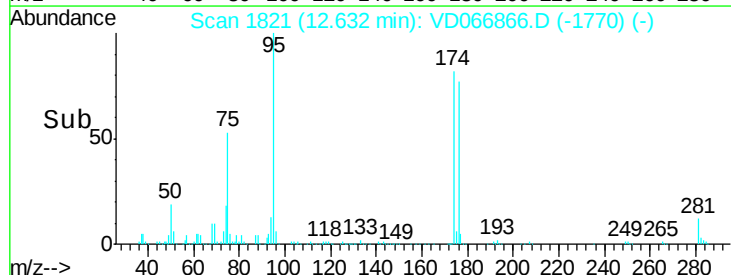
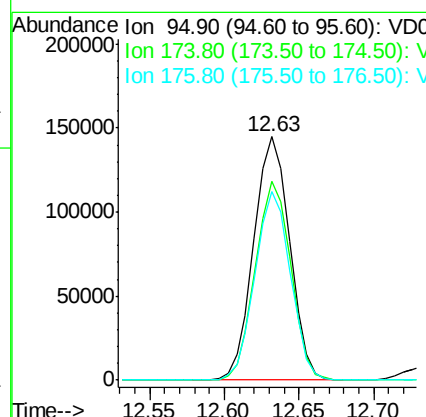
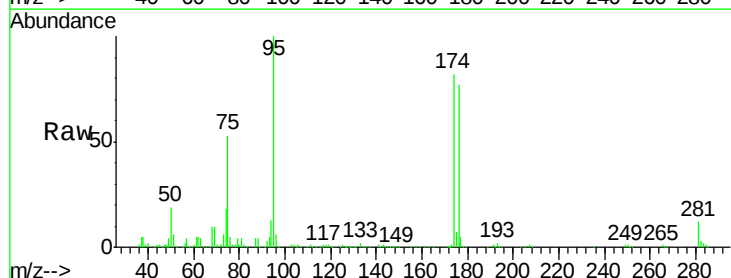
Manual Integrations
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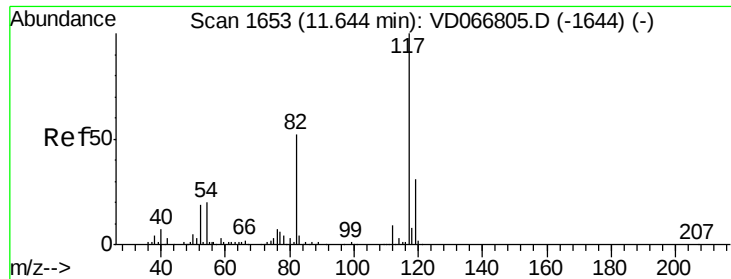
MMDadoda
 9/29/2020 11:45:15 AM



#62
 4-Bromofluorobenzene
 Concen: 50.910 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	159.8
176	76.7	0.0	154.4





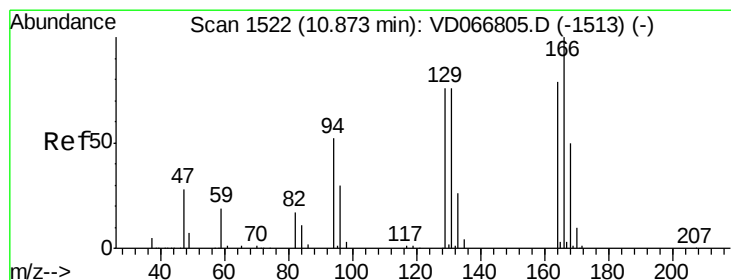
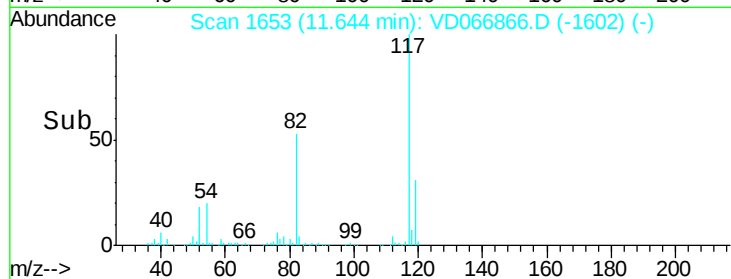
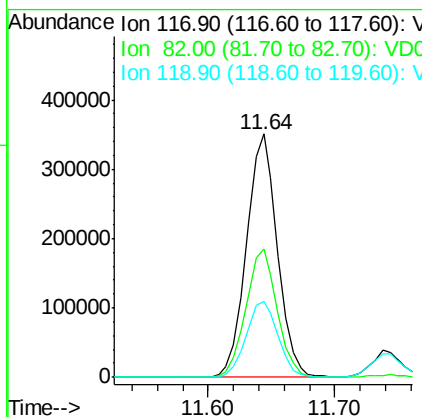
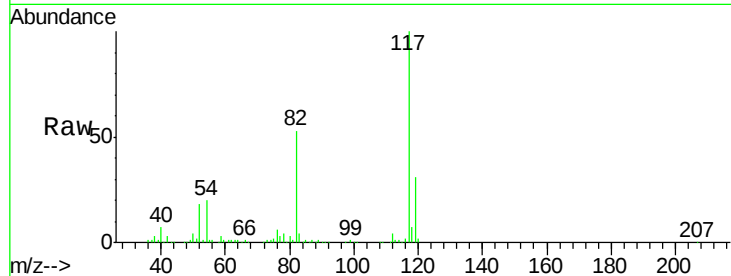
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	594207		
82	52.5		41.8	62.6
119	31.1		24.6	37.0

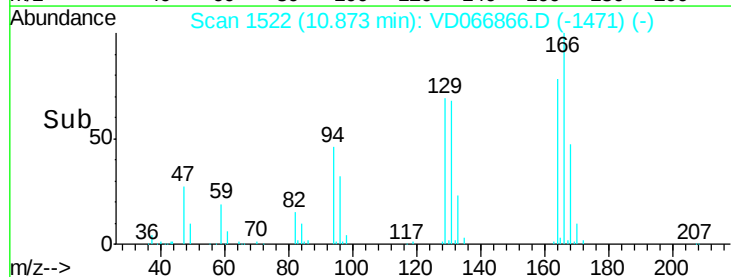
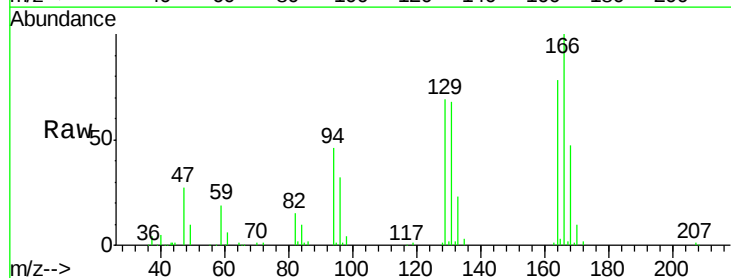
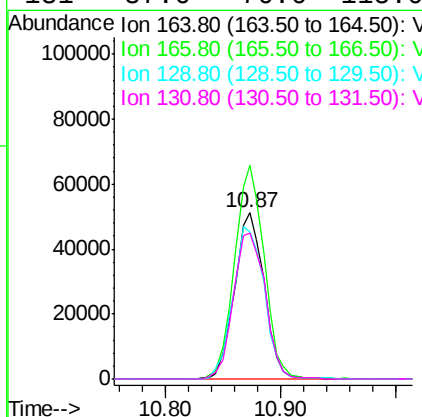
Manual Integrations
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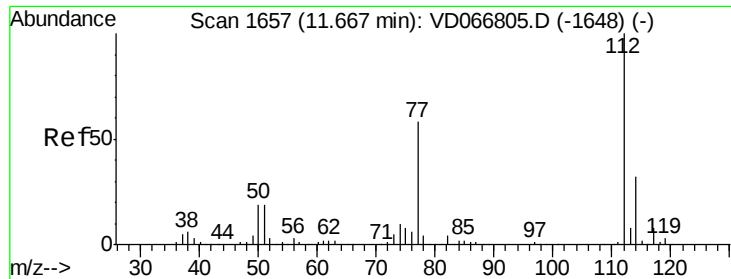
MMDadoda
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#64
Tetrachloroethene
Concen: 21.307 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	91071		
166	128.4		101.1	151.7
129	88.8		77.0	115.4
131	87.6		76.6	115.0





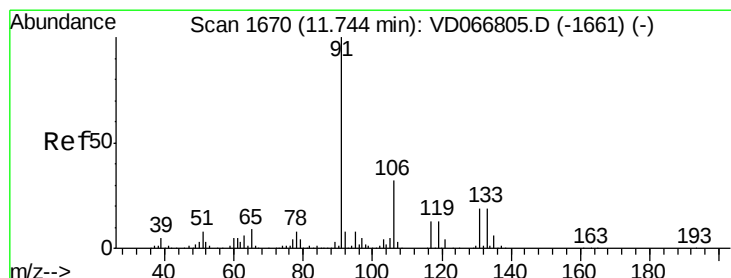
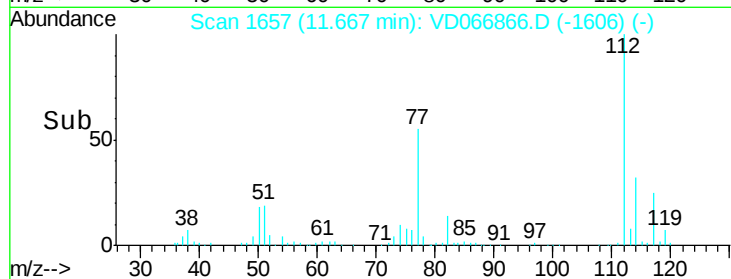
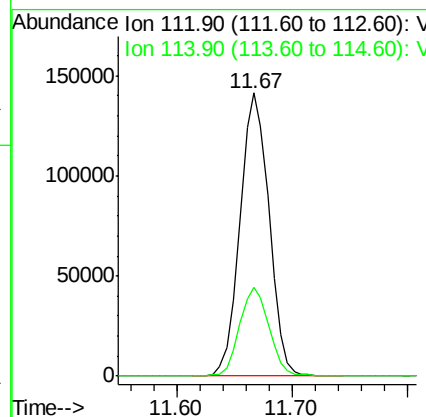
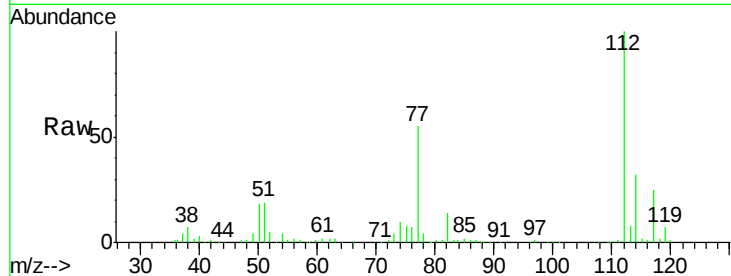
#65
Chlorobenzene
Concen: 19.880 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.4	38.2

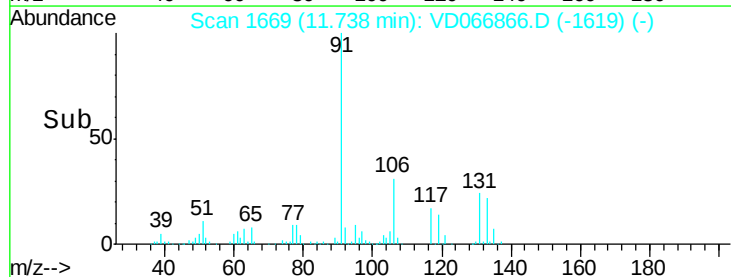
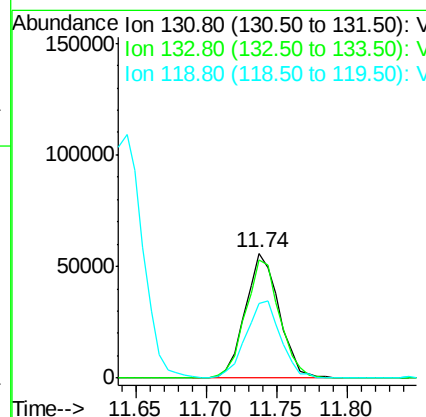
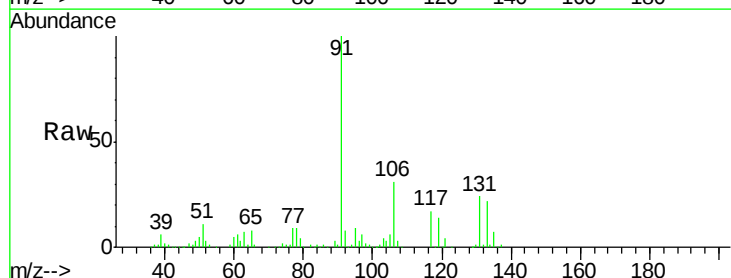
Manual Integrations
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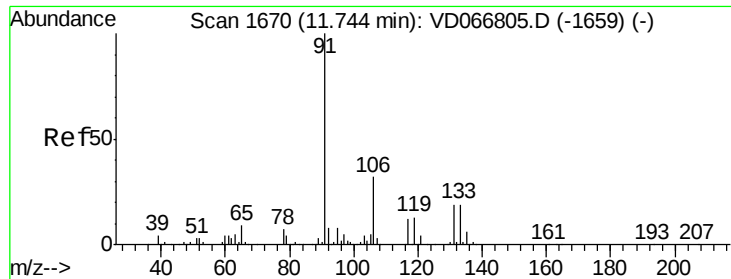
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.097 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	46.7	140.1
119	63.7	32.3	96.9





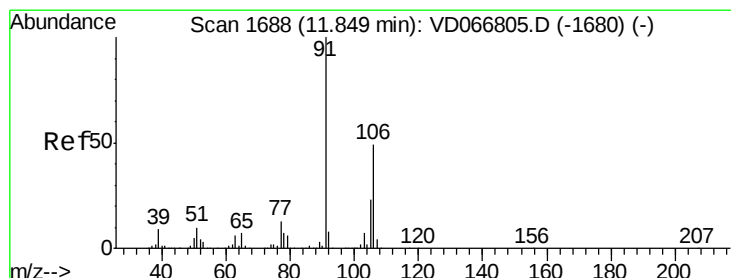
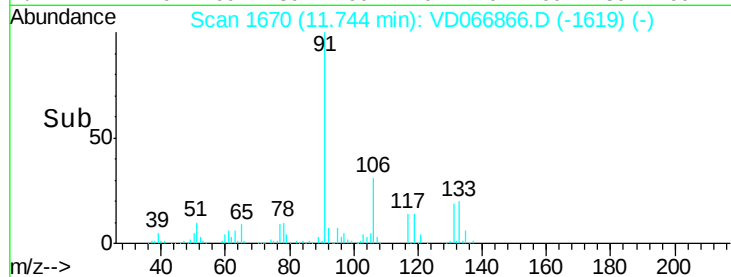
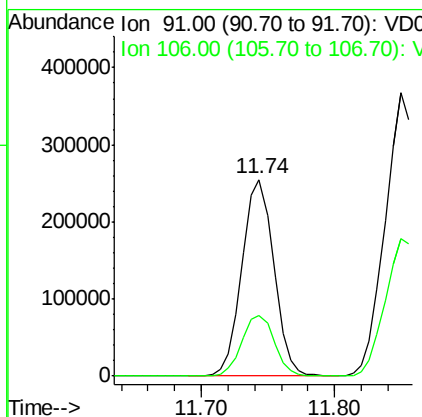
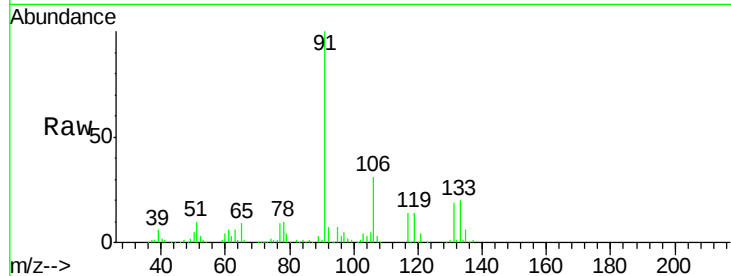
#67
Ethyl Benzene
Concen: 19.437 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion: 91 Resp: 422244
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

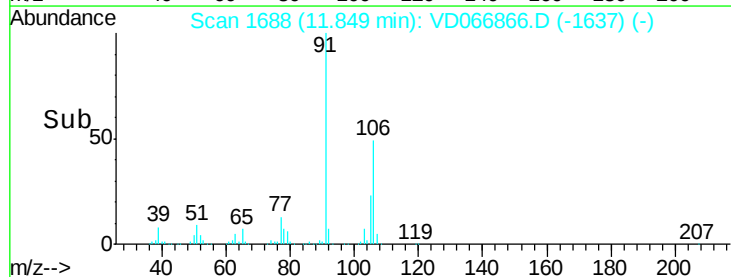
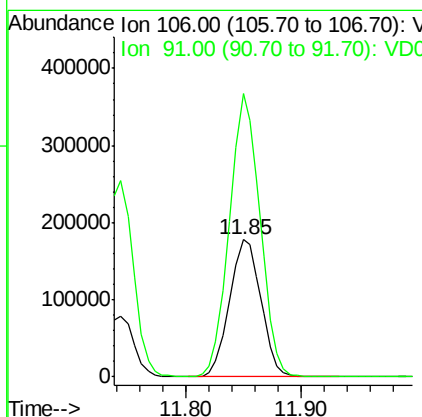
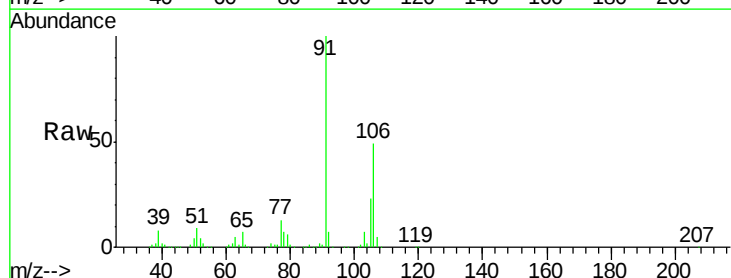
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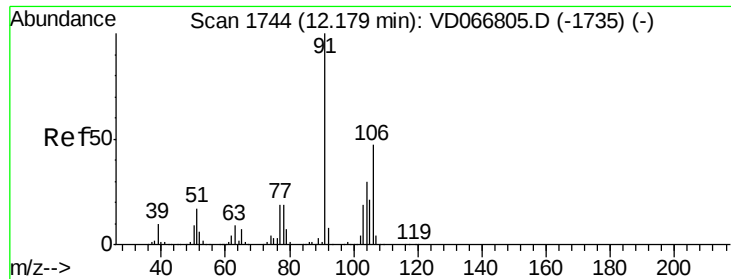
MMDadoda
9/29/2020 11:45:15 AM



#68
m/p-Xylenes
Concen: 40.860 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion: 106 Resp: 336064
Ion Ratio Lower Upper
106 100
91 200.9 160.7 241.1





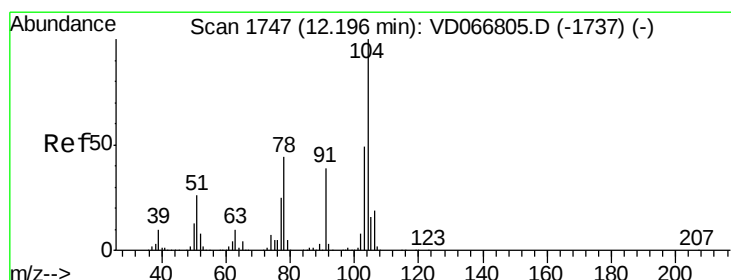
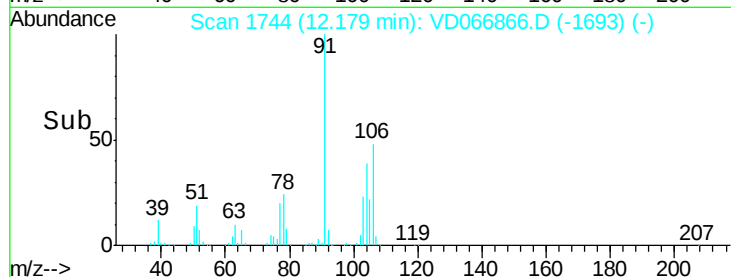
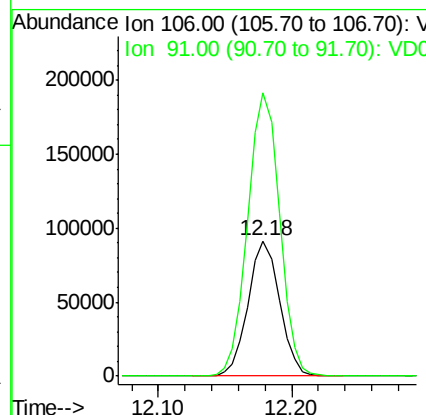
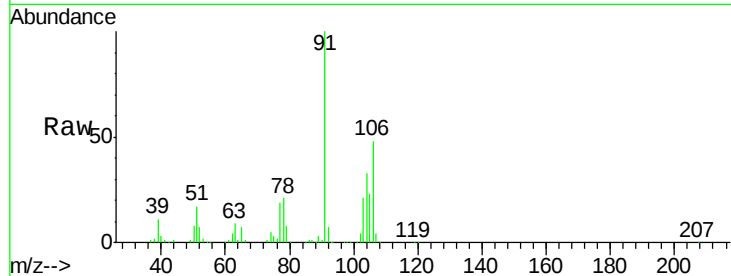
#69
o-Xylene
Concen: 20.065 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		149222		
91	212.3	106.3	318.8		

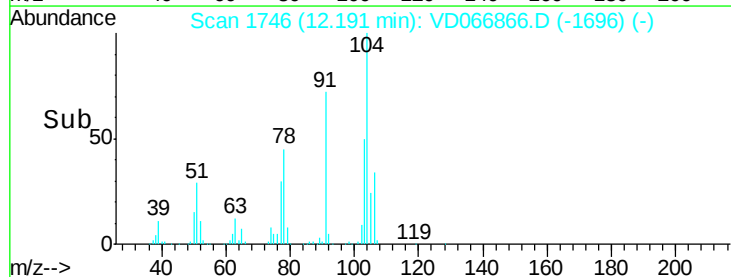
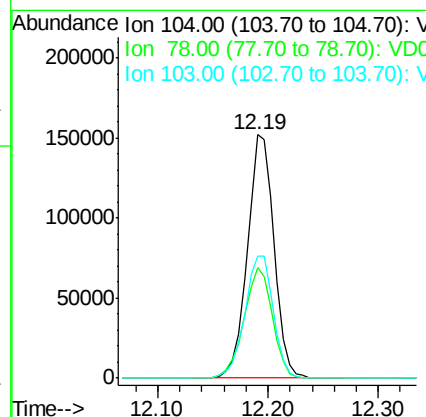
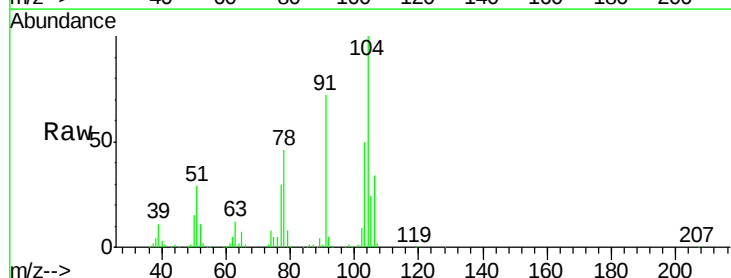
Manual Integrations
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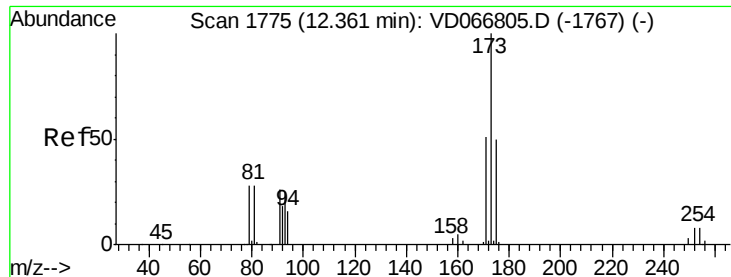
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#70
Styrene
Concen: 19.939 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		257524		
78	48.6	38.9	58.3		
103	54.2	43.2	64.8		





#71

Bromoform

Concen: 19.446 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

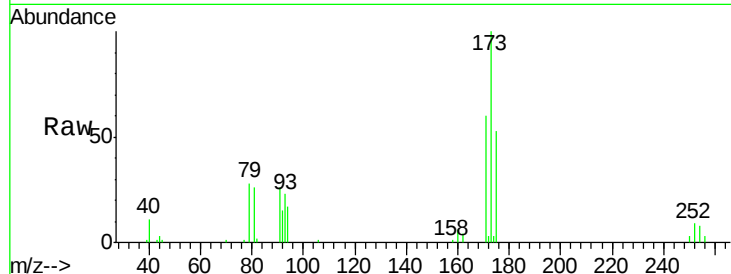
ClientSampleId :

VD0925SBS01

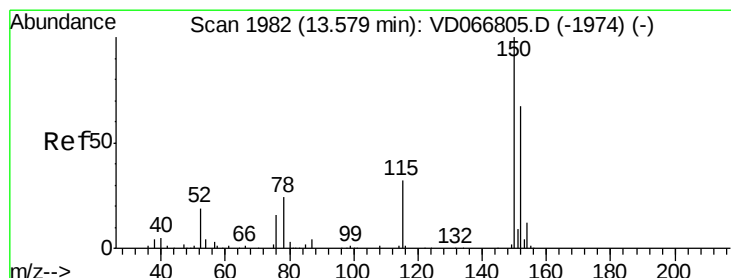
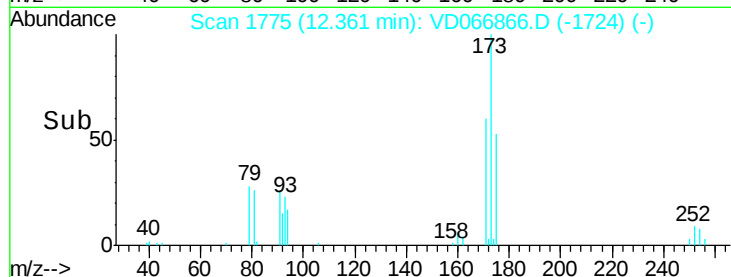
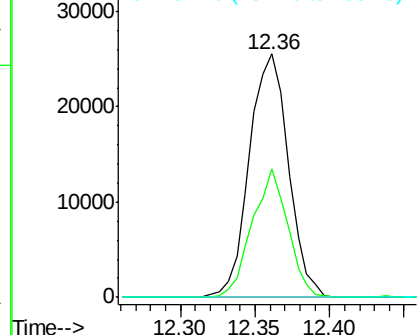
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.6
254	0.0	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

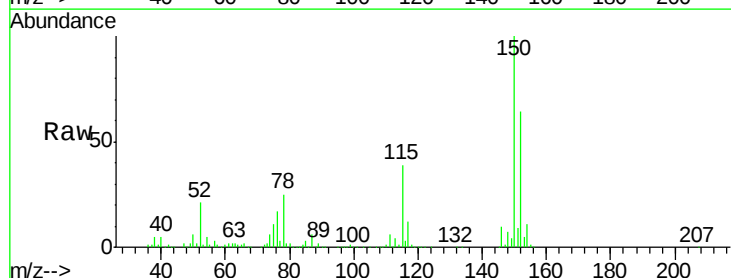
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

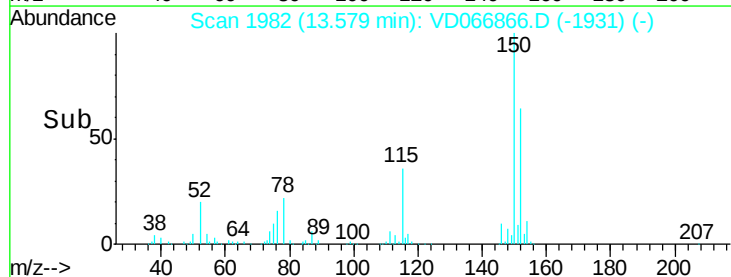
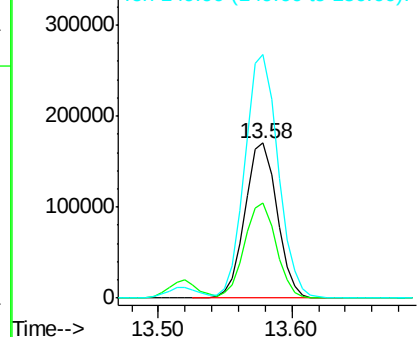
Lab File: VD066866.D

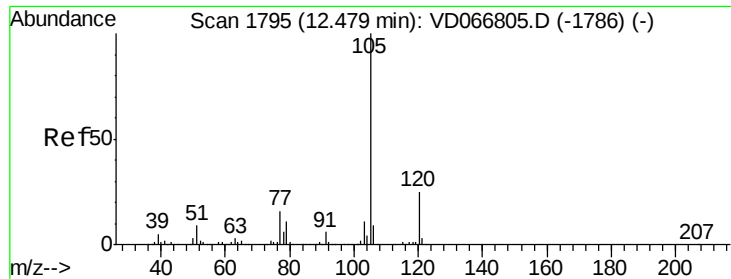
Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.3	91.0
150	163.0	0.0	346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.874 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion: 105 Resp: 406989

Ion Ratio Lower Upper

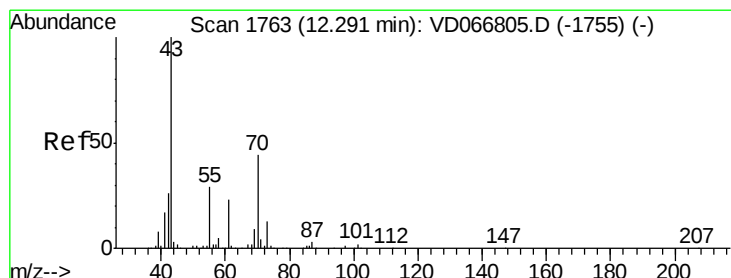
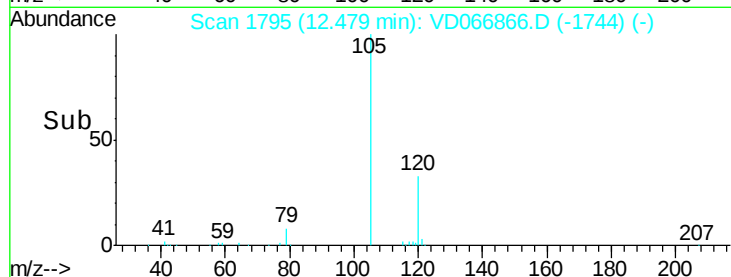
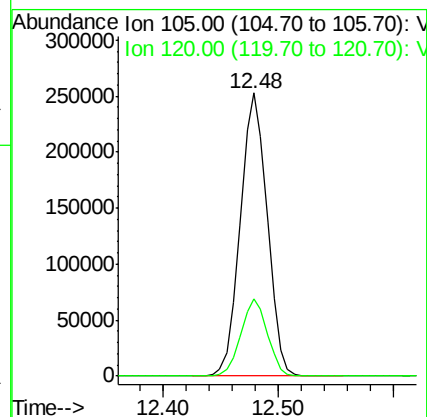
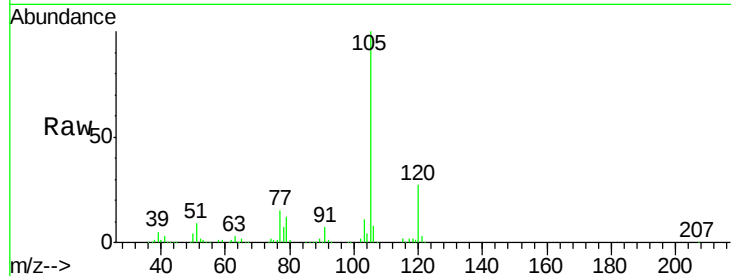
105 100

120 26.7 12.9 38.6

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#74

N-ethyl acetate

Concen: 18.043 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion: 43 Resp: 72156

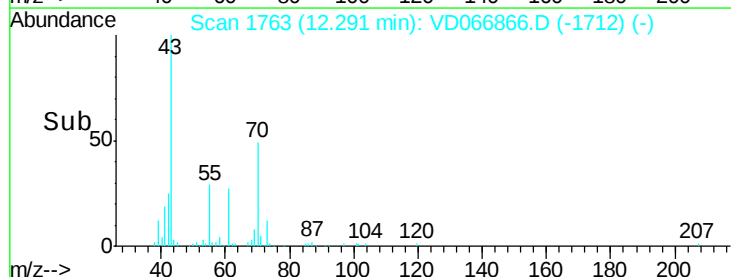
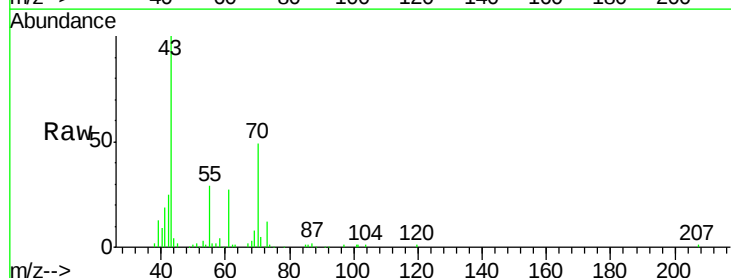
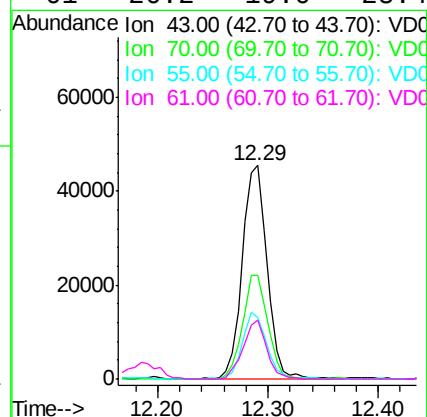
Ion Ratio Lower Upper

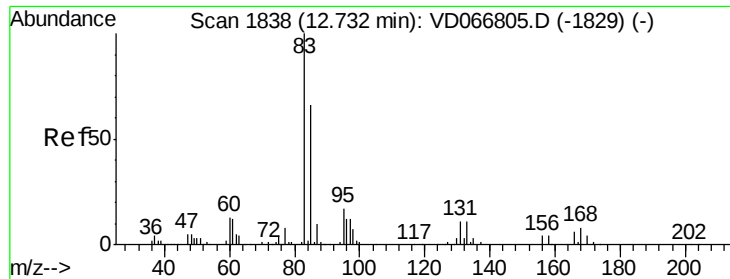
43 100

70 49.0 36.1 54.1

55 30.7 21.8 32.8

61 26.2 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.267 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

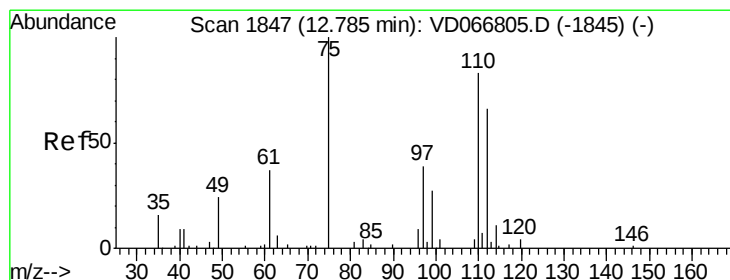
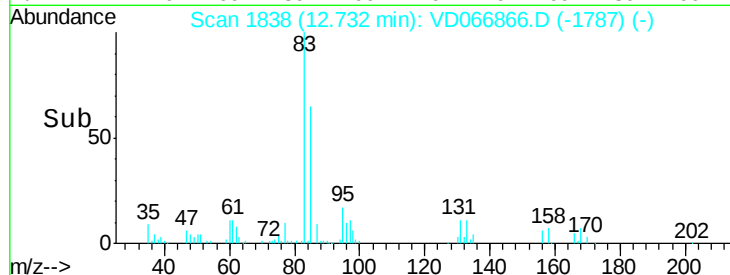
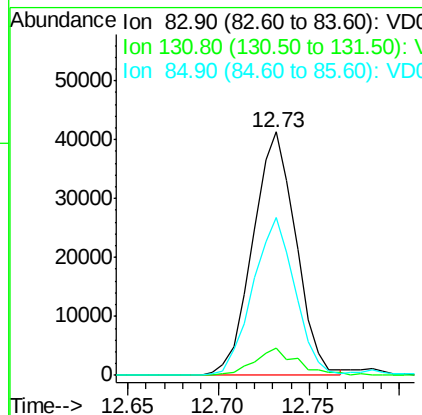
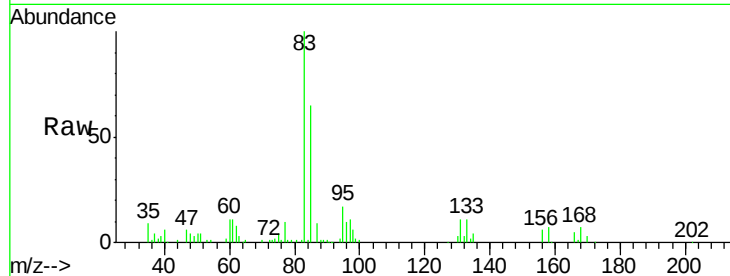
ClientSampleId :

VD0925SBS01

Tot Ion:	83	Resp:	68082
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.7
85	63.9	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.522 ug/l m

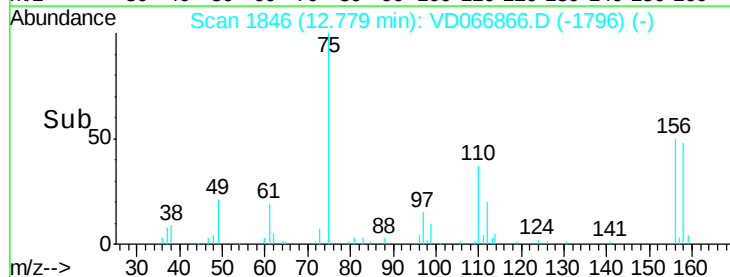
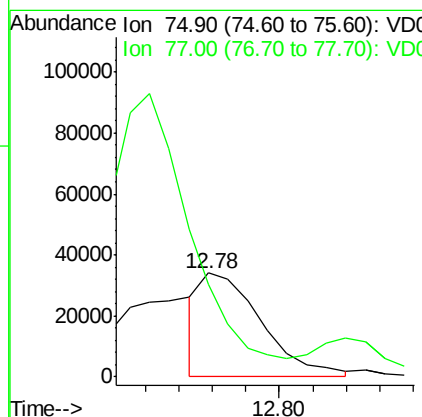
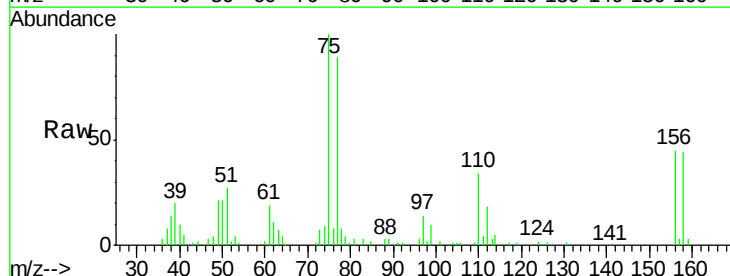
RT: 12.78 min Scan# 1846

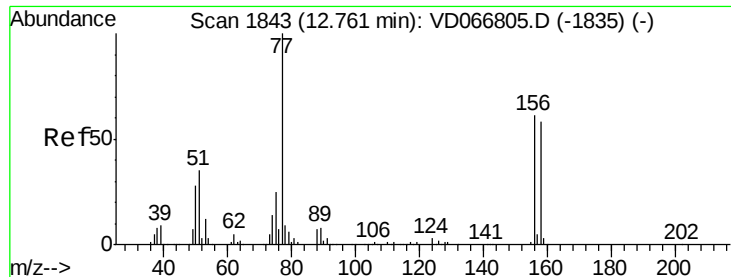
Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion:	75	Resp:	43513
Ion Ratio	Lower	Upper	
75	100		
77	390.5	0.0	0.0#





#77

Bromobenzene

Concen: 20.136 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

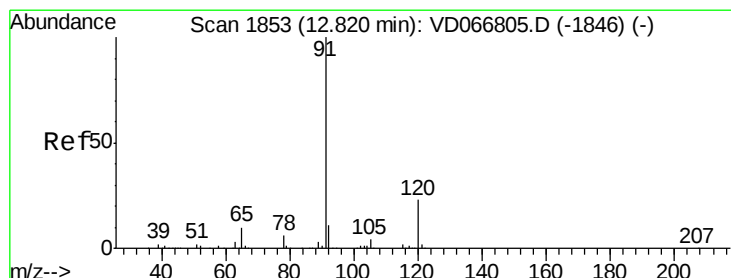
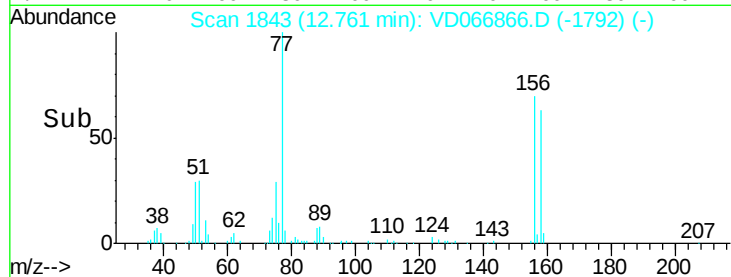
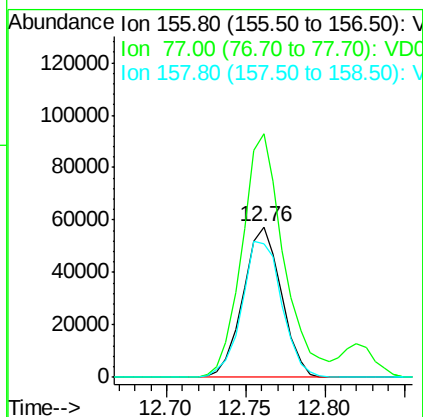
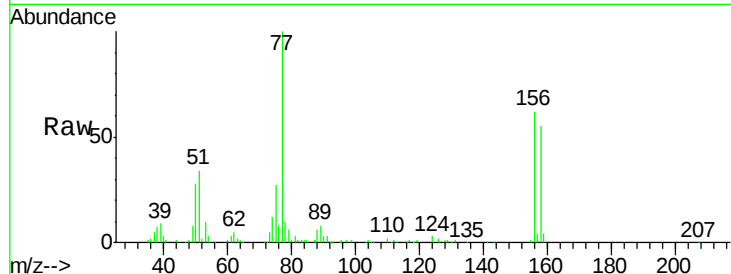
ClientSampleId :

VD0925SBS01

Tot Ion:	156	Resp:	96439
Ion	Ratio	Lower	Upper
156	100		
77	176.2	92.3	276.9
158	94.5	47.6	142.9

Manual Integrations
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9/29/2020 11:45:15 AM



#78

n-propylbenzene

Concen: 20.308 ug/l

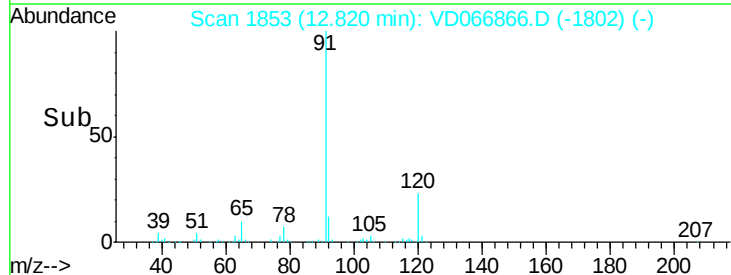
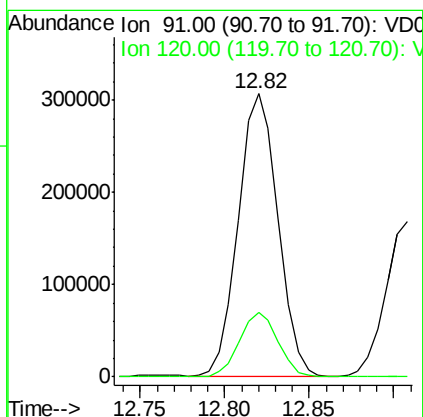
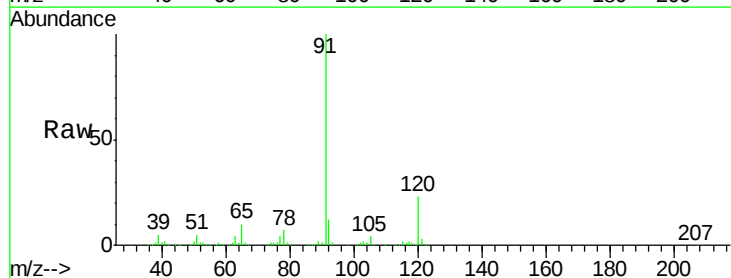
RT: 12.82 min Scan# 1853

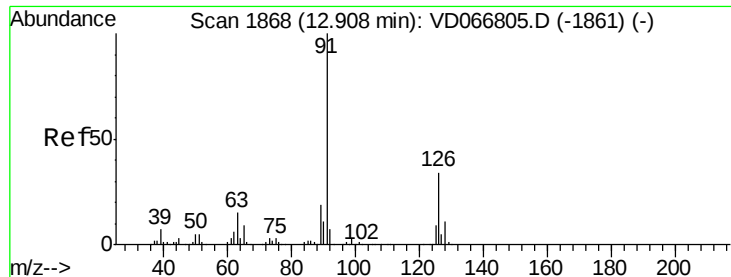
Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion:	91	Resp:	500307
Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.4	34.2





#79

2-Chlorotoluene

Concen: 20.130 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion: 91 Resp: 282610

Ion Ratio Lower Upper

91 100

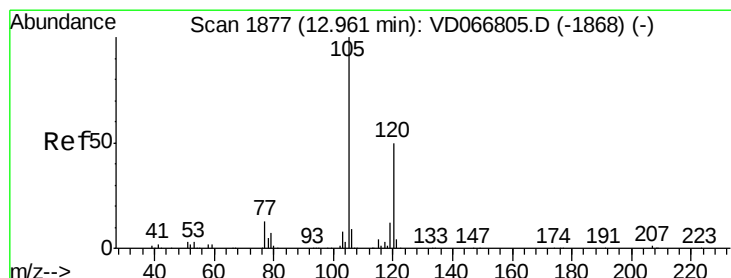
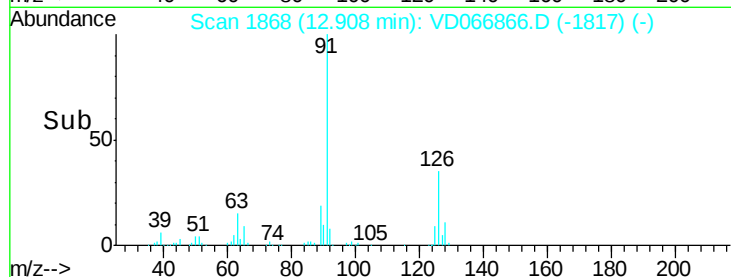
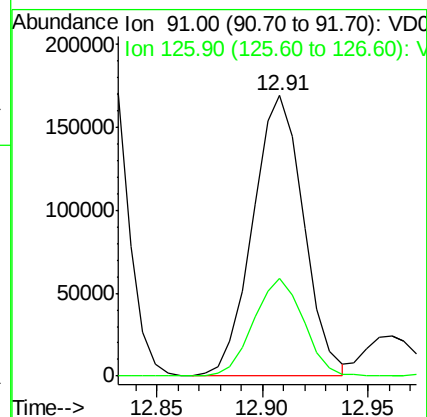
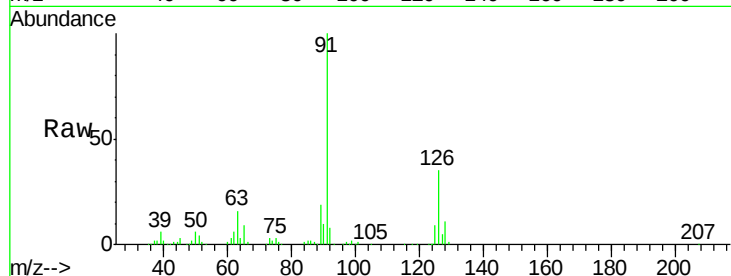
126 34.2 17.0 51.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.316 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066866.D

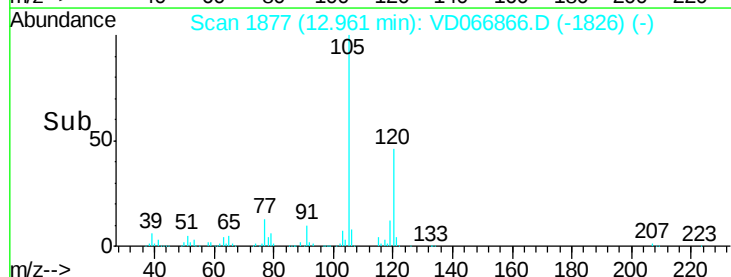
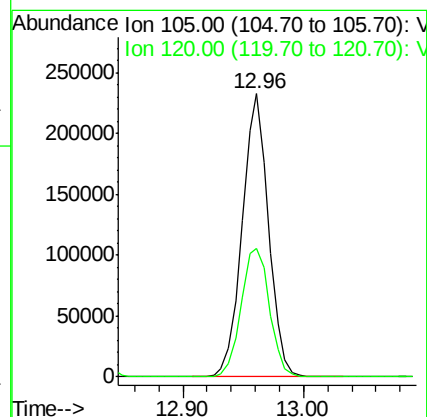
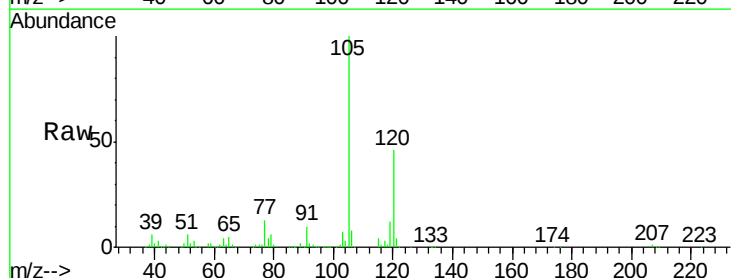
Acq: 25 Sep 2020 11:37

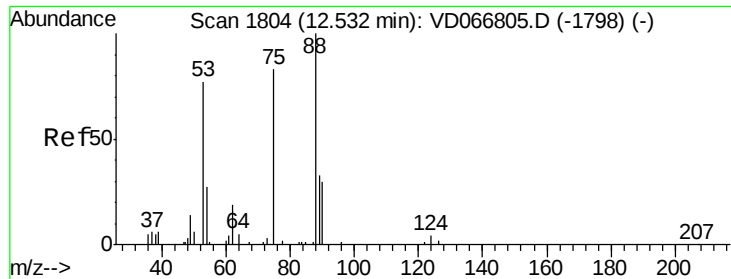
Tgt Ion: 105 Resp: 353010

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.301 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

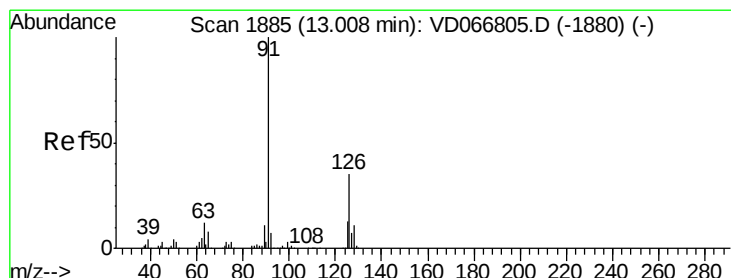
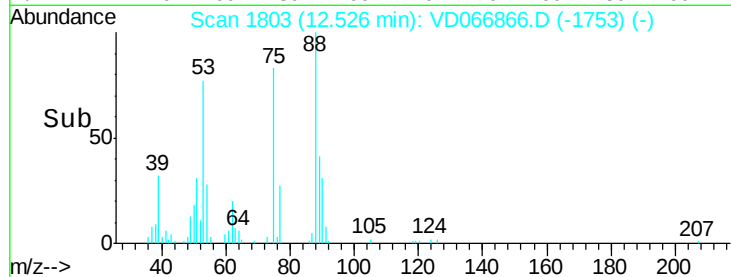
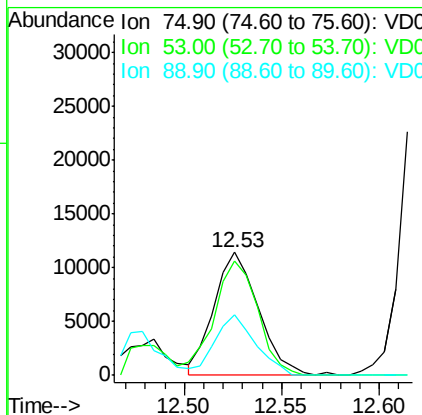
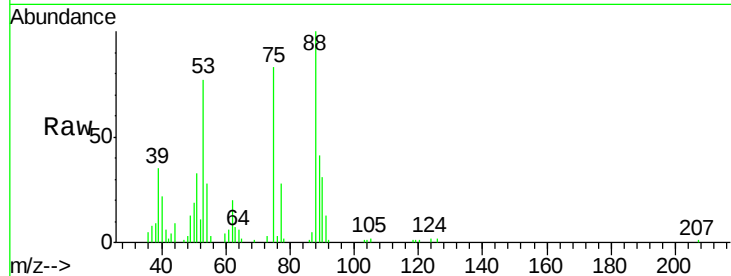
ClientSampleId :

VD0925SBS01

Tot Ion:	75	Resp:	18123
Ion	Ratio	Lower	Upper
75	100		
53	91.7	78.5	117.7
89	45.1	38.1	57.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.588 ug/l

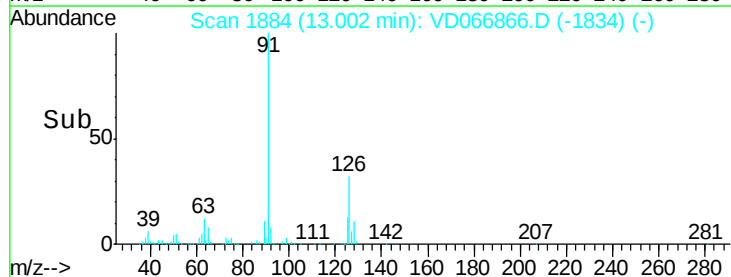
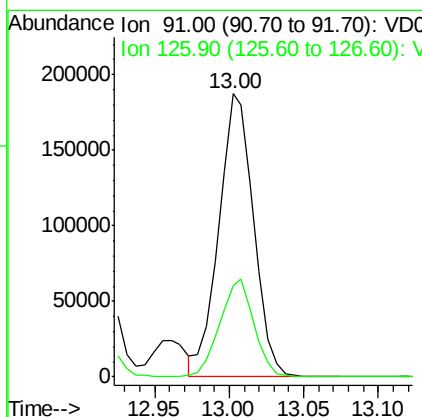
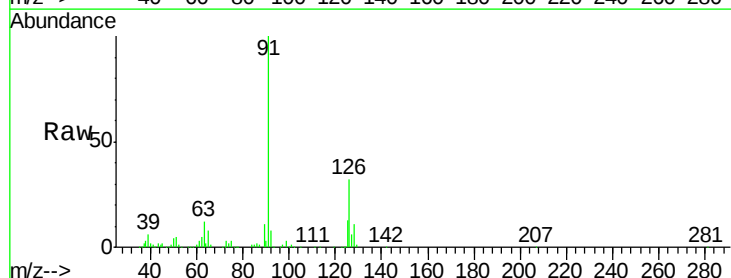
RT: 13.00 min Scan# 1884

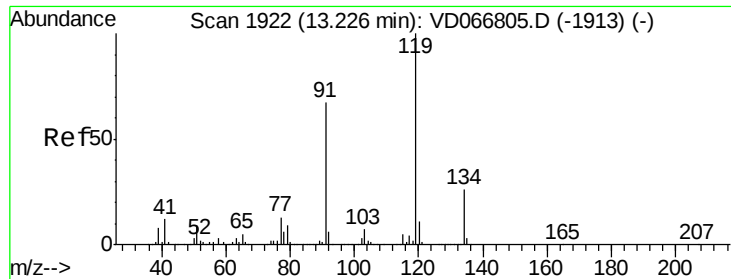
Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion:	91	Resp:	304682
Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.1	51.2





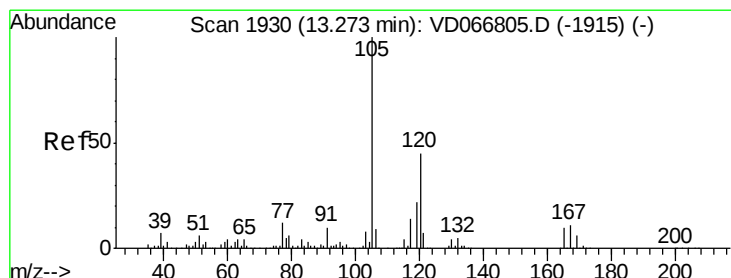
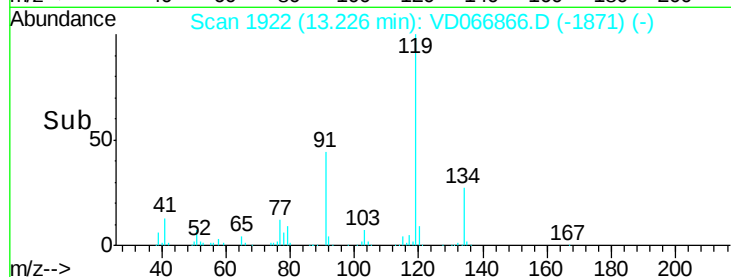
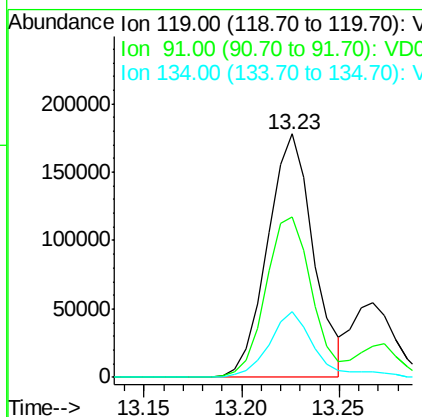
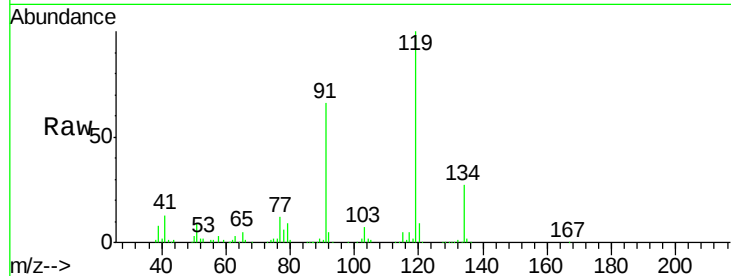
#83
tert-Butylbenzene
Concen: 20.290 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	289708		
91	65.9	33.6	100.8	
134	27.0	13.5	40.4	

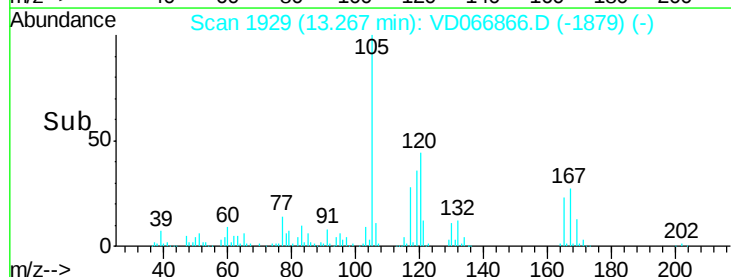
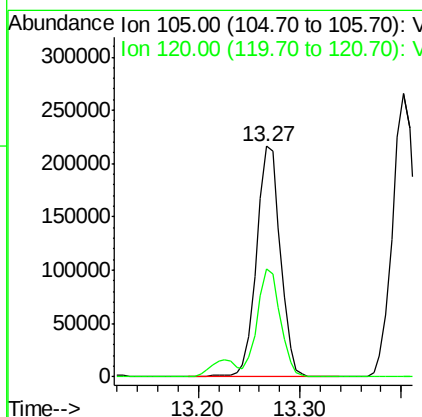
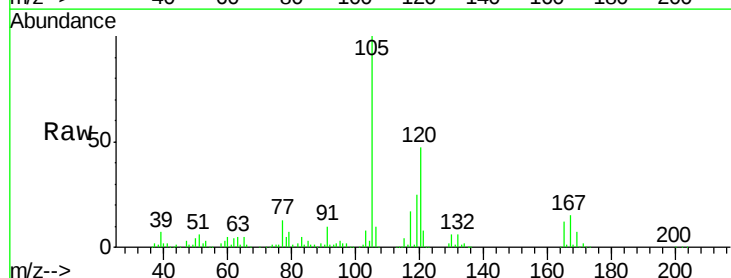
Manual Integrations
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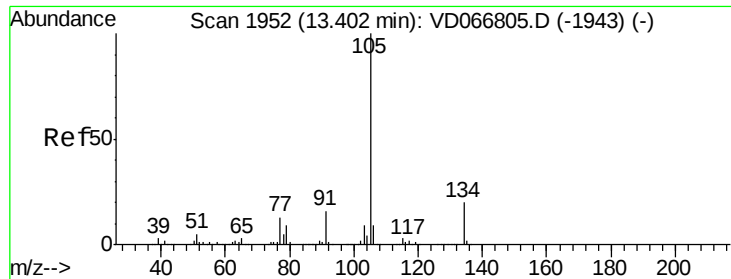
MMDadoda
9/29/2020 11:45:15 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.552 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	354113		
120	45.0	22.3	66.9	





#85

sec-Butylbenzene

Concen: 20.093 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS01

Tot Ion:105 Resp: 412563

Ion Ratio Lower Upper

105 100

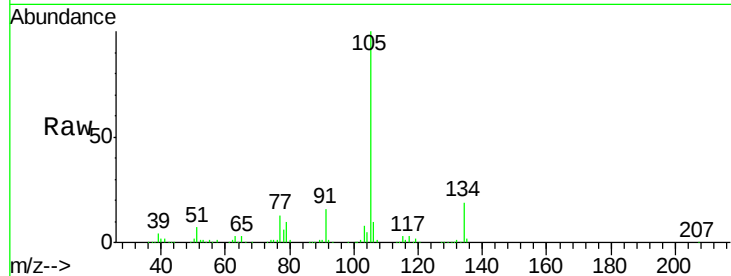
134 19.5 10.2 30.6

Manual Integrations

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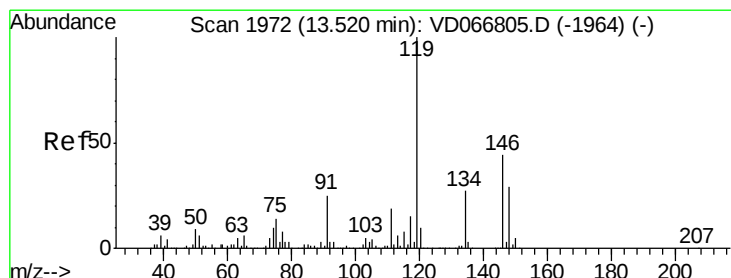
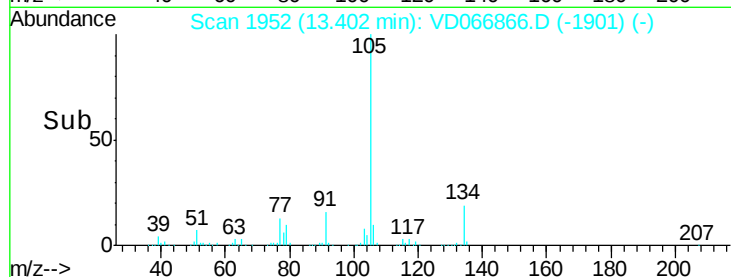
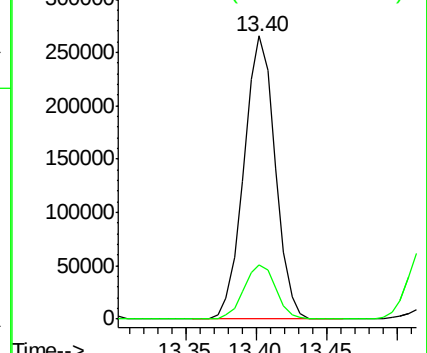
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.694 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

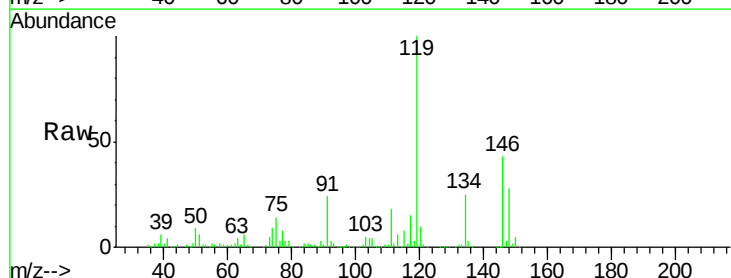
Tgt Ion:119 Resp: 382993

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

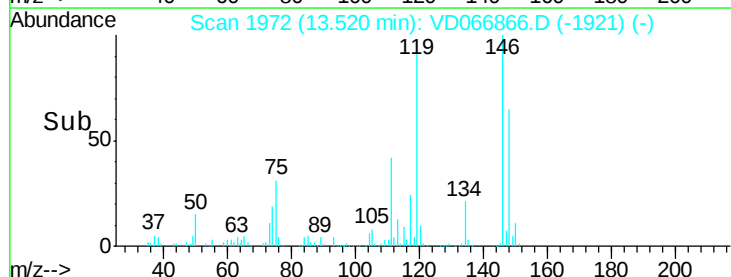
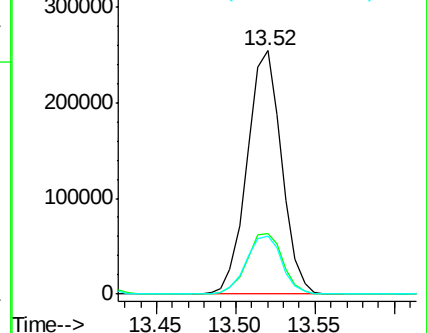
91 24.6 12.0 36.1

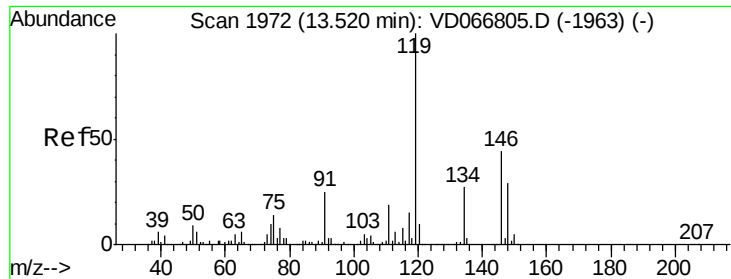


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.127 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

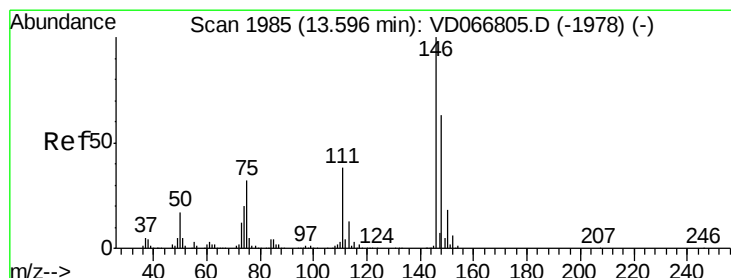
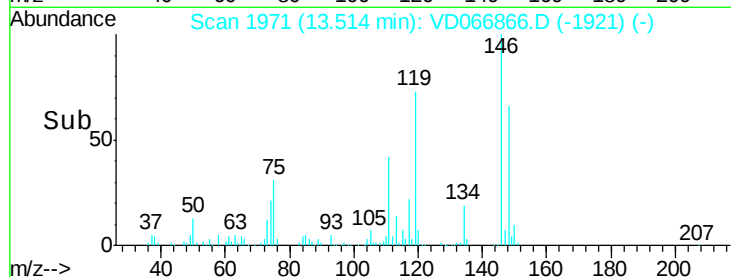
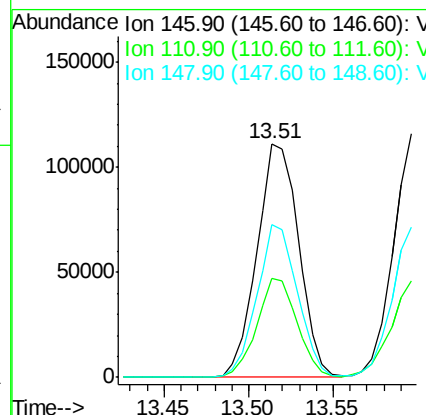
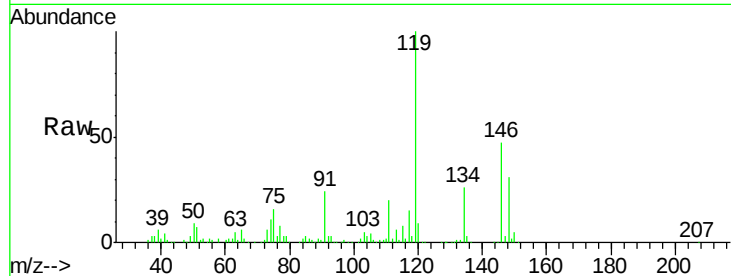
ClientSampleId :

VD0925SBS01

Tot Ion:	146	Resp:	190445
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.3	60.9
148	63.4	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.910 ug/l

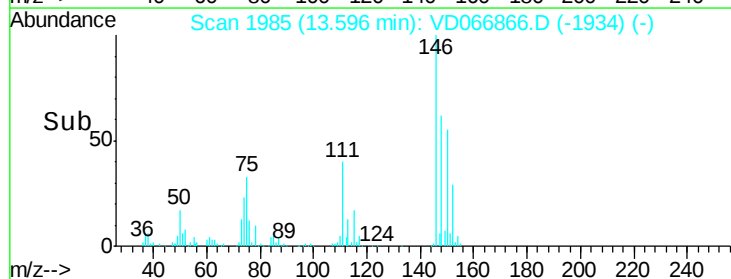
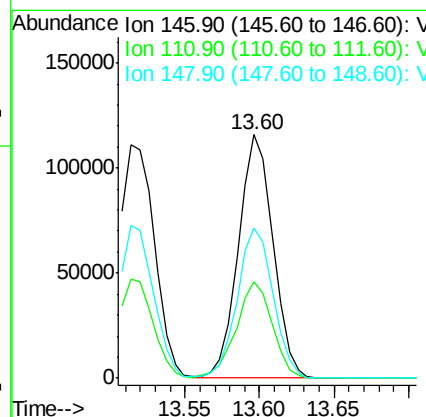
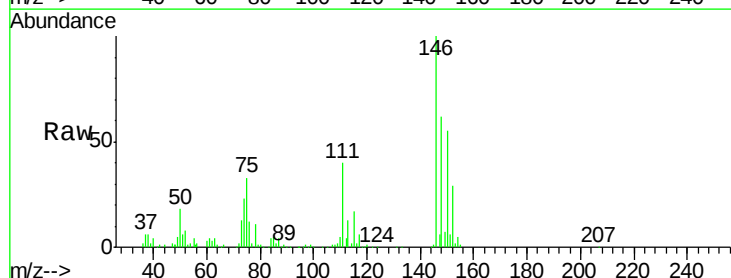
RT: 13.60 min Scan# 1985

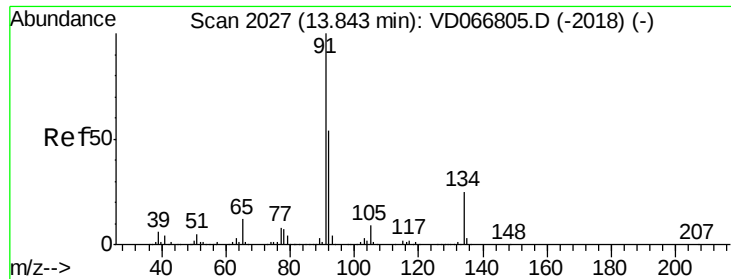
Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion:	146	Resp:	187112
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.2	60.5
148	64.0	31.6	94.7





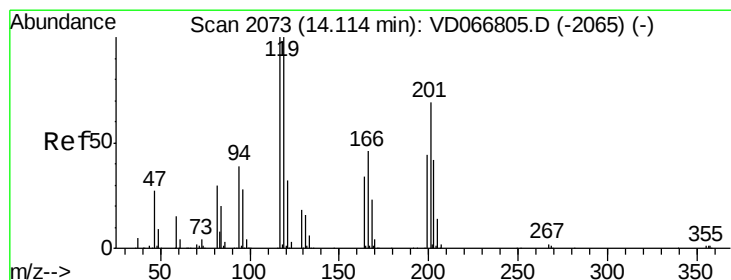
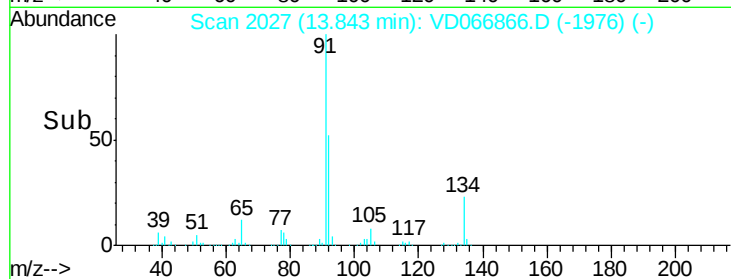
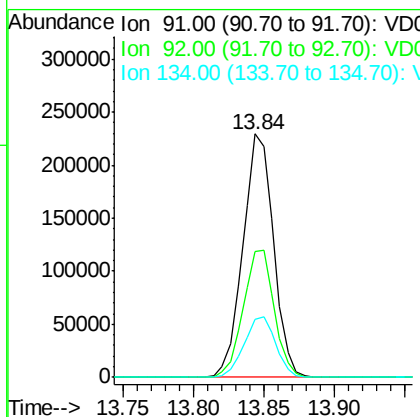
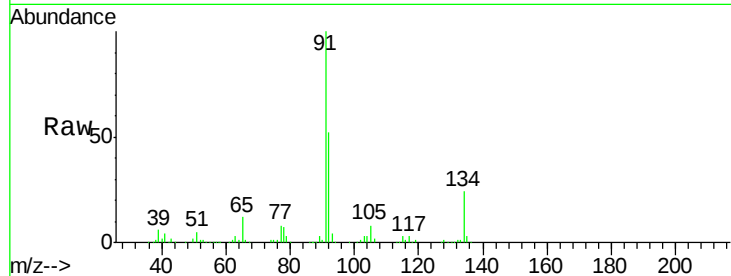
#89
n-Butylbenzene
Concen: 19.849 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	349171		
92	52.5	26.7	80.0	
134	25.5	13.1	39.1	

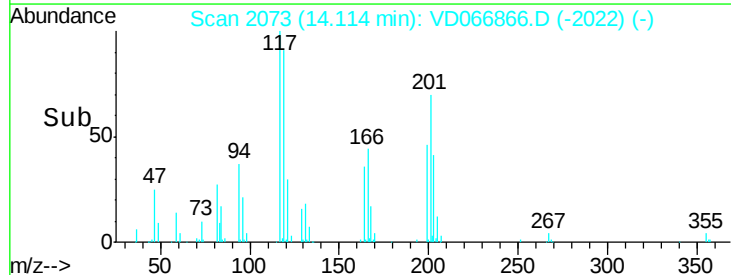
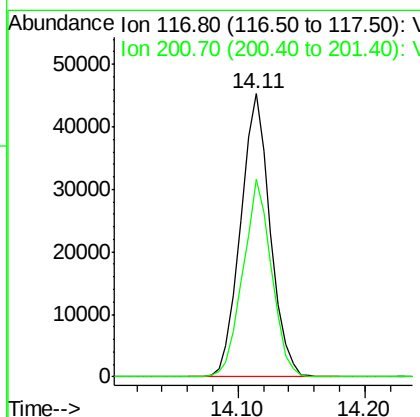
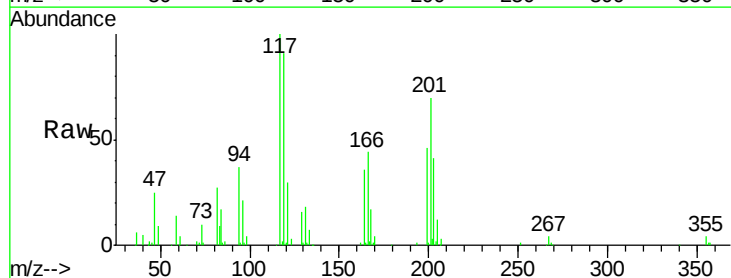
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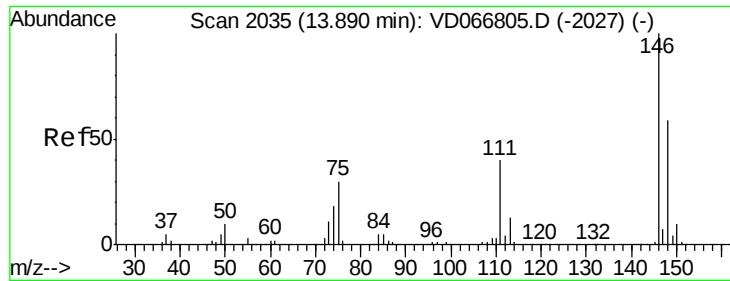
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#90
Hexachloroethane
Concen: 19.448 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	73073		
201	67.4	33.7	101.0	





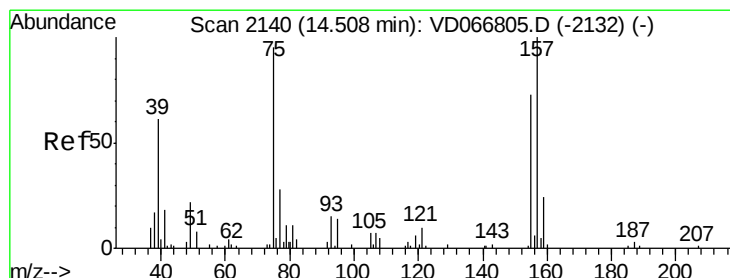
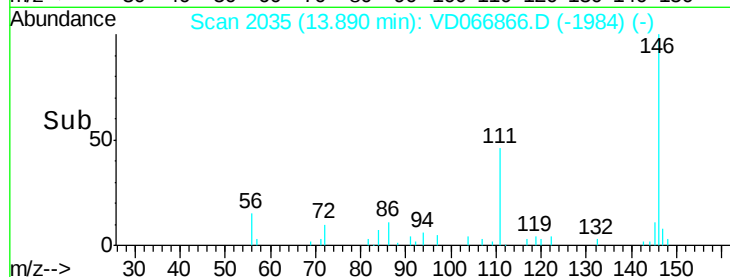
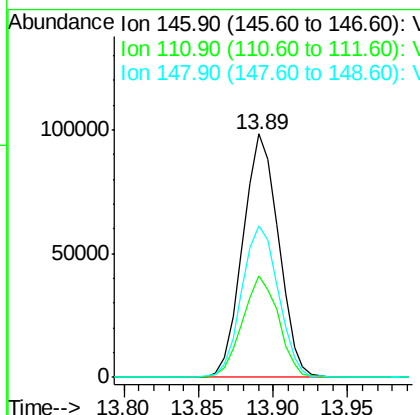
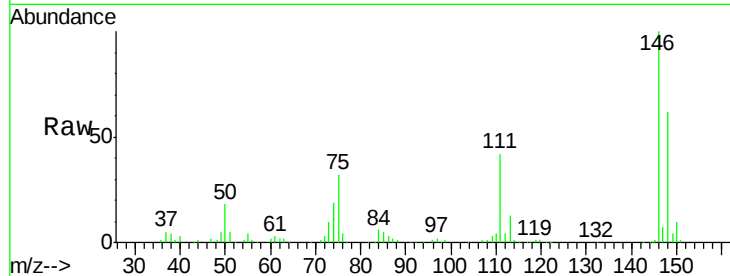
#91
 1,2-Dichlorobenzene
 Concen: 20.186 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.7
148	63.8	31.8	95.3

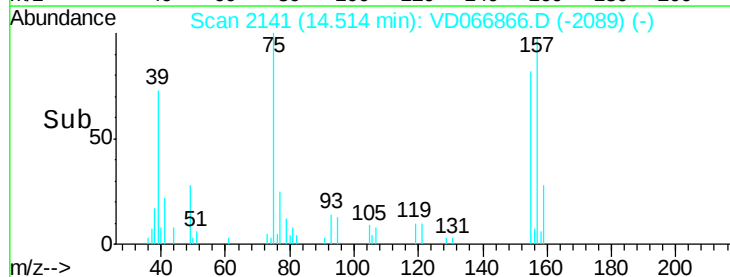
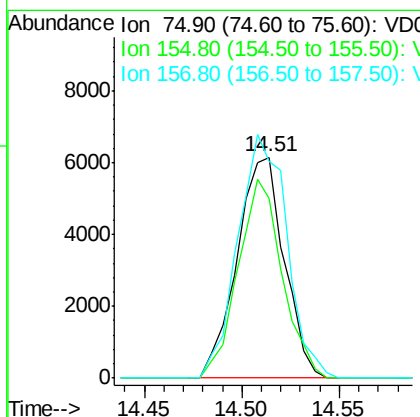
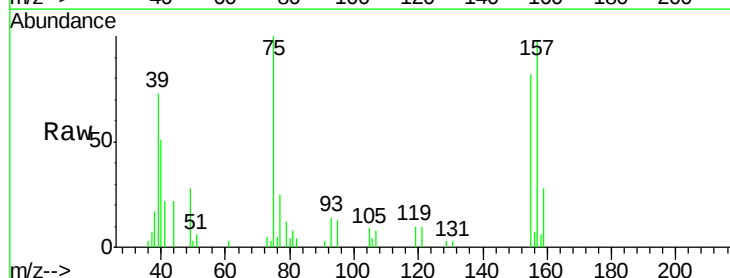
Manual Integrations
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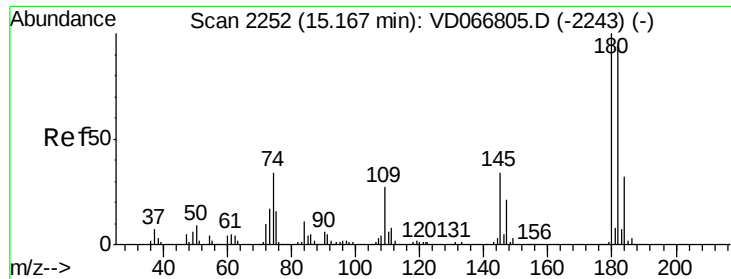
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.116 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066866.D
 Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.2	40.4	121.2
157	114.3	51.3	153.9





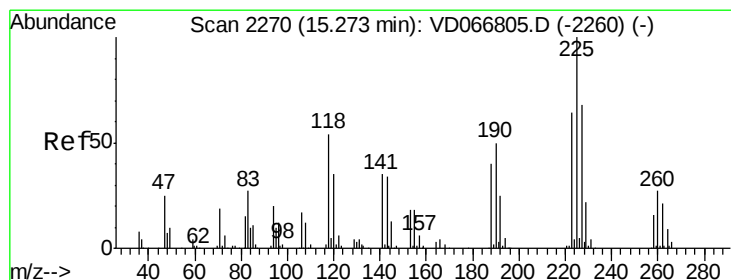
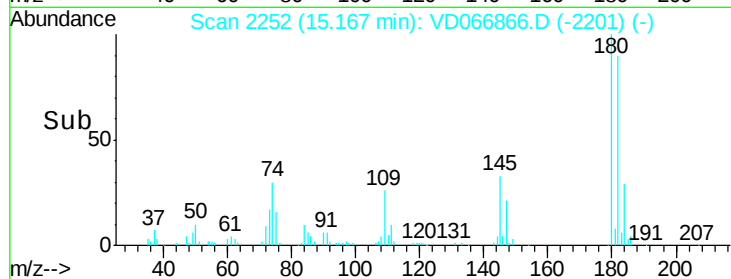
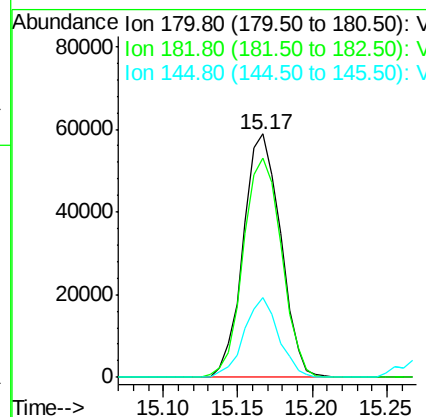
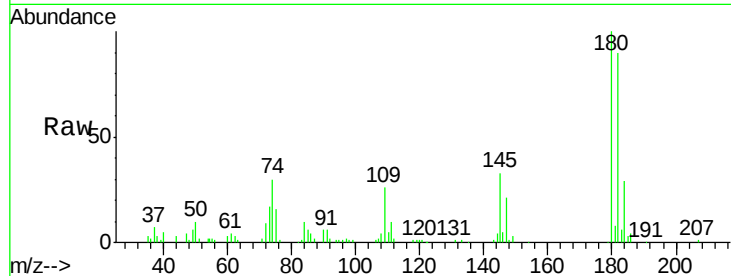
#93
1,2,4-Trichlorobenzene
Concen: 20.099 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102427		
182	91.9	48.8	146.3	
145	30.5	16.7	50.0	

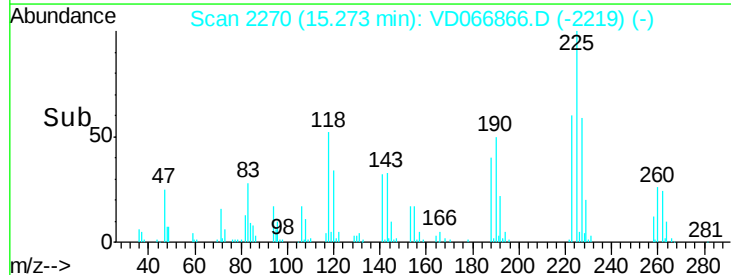
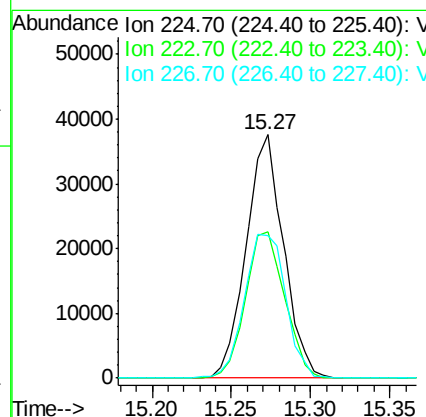
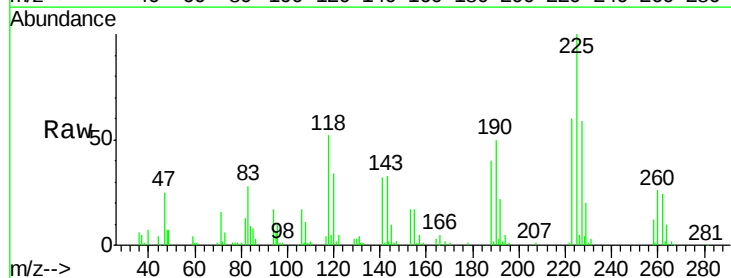
Manual Integrations
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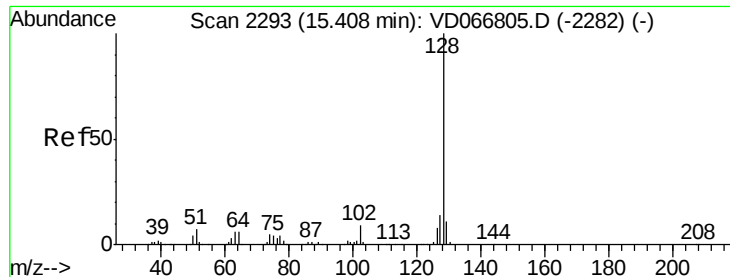
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#94
Hexachlorobutadiene
Concen: 20.201 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD066866.D
Acq: 25 Sep 2020 11:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61691		
223	62.7	31.1	93.3	
227	65.3	31.7	95.1	





#95

Naphthalene

Concen: 18.144 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Instrument :

MSVOA_D

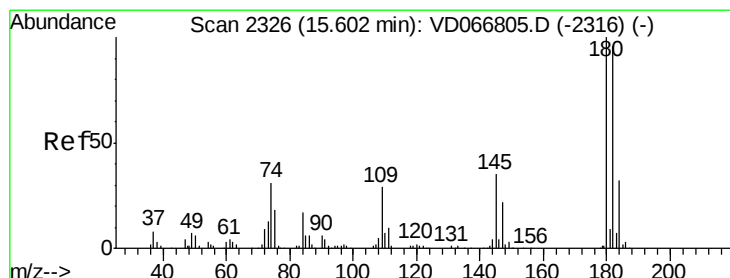
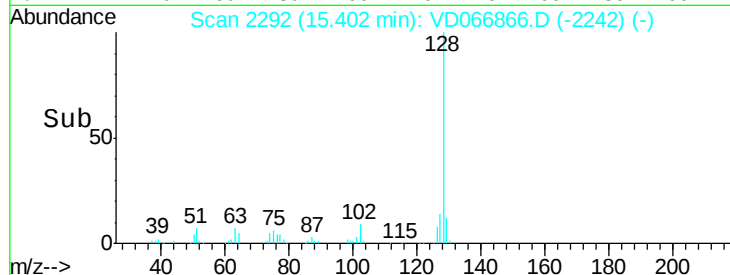
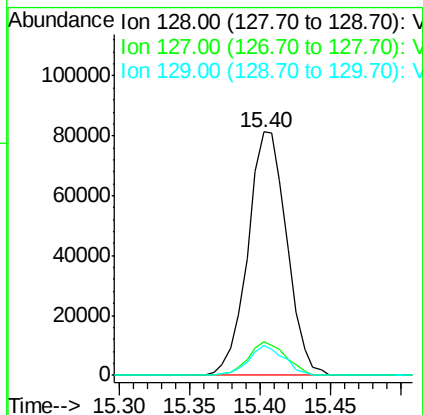
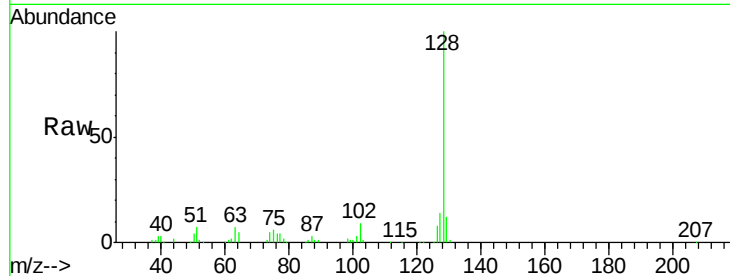
ClientSampleId :

VD0925SBS01

Tot Ion:	128	Resp:	156984
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	11.1	8.9	13.3

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.565 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066866.D

Acq: 25 Sep 2020 11:37

Tgt Ion:	180	Resp:	86054
Ion Ratio	Lower	Upper	
180	100		
182	94.0	46.8	140.3
145	33.0	17.0	51.0

