

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066803.D
 Acq On : 22 Sep 2020 11:16
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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 9/23/2020 1:04:55 PM

Quant Time: Sep 23 01:34:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 22 12:44:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	410780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	665102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	606713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	282784	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	41045	9.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.10%	
35) Dibromofluoromethane	7.91	113	44350	10.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.64%	
50) Toluene-d8	10.34	98	147580	10.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.40%	
62) 4-Bromofluorobenzene	12.63	95	48093	9.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	39221	11.558	ug/l	90
3) Chloromethane	2.20	50	42023	9.676	ug/l	99
4) Vinyl Chloride	2.34	62	41426	9.179	ug/l	100
5) Bromomethane	2.77	94	28771	9.011	ug/l	93
6) Chloroethane	2.93	64	24301	8.713	ug/l #	74
7) Trichlorofluoromethane	3.27	101	84812	10.617	ug/l	98
8) Diethyl Ether	3.71	74	19454	9.632	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	47535	10.766	ug/l	99
10) Methyl Iodide	4.30	142	35814	8.679	ug/l	99
11) Tert butyl alcohol	5.20	59	18289m	41.926	ug/l	
12) 1,1-Dichloroethene	4.07	96	42633	10.411	ug/l	95
13) Acrolein	3.93	56	15707	51.228	ug/l	99
14) Allyl chloride	4.71	41	60059	9.265	ug/l	100
15) Acrylonitrile	5.43	53	42746	48.188	ug/l	98
16) Acetone	4.16	43	40377	44.909	ug/l	95
17) Carbon Disulfide	4.41	76	136452	10.688	ug/l	100
18) Methyl Acetate	4.73	43	18879	8.765	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	83729	9.206	ug/l	94
20) Methylene Chloride	4.97	84	62764	10.448	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	48869	10.278	ug/l	94
22) Diisopropyl ether	6.36	45	119823	9.080	ug/l	94
23) Vinyl Acetate	6.30	43	274063	37.698	ug/l	99
24) 1,1-Dichloroethane	6.27	63	84675	10.025	ug/l #	96
25) 2-Butanone	7.21	43	48843	42.678	ug/l	93
26) 2,2-Dichloropropane	7.21	77	80452	10.338	ug/l	95
27) cis-1,2-Dichloroethene	7.20	96	51582	9.919	ug/l	98
28) Bromochloromethane	7.54	49	34571	10.667	ug/l	97
29) Tetrahydrofuran	7.56	42	29791	42.430	ug/l	96
30) Chloroform	7.71	83	90978	10.136	ug/l	93
31) Cyclohexane	7.98	56	79429	10.410	ug/l #	93
32) 1,1,1-Trichloroethane	7.90	97	81635	9.942	ug/l	98
36) 1,1-Dichloropropene	8.11	75	67943	9.973	ug/l	99
37) Ethyl Acetate	7.30	43	22436	8.707	ug/l	99
38) Carbon Tetrachloride	8.09	117	77082	10.628	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	76950	9.877	ug/l	99
40) Benzene	8.35	78	190988	10.307	ug/l	99
41) Methacrylonitrile	7.52	41	12817m	9.205	ug/l	
42) 1,2-Dichloroethane	8.42	62	55218	9.712	ug/l	100
43) Isopropyl Acetate	8.44	43	43213	8.890	ug/l	98
44) Trichloroethene	9.11	130	55184	11.049	ug/l	95
45) 1,2-Dichloropropane	9.38	63	48284	10.496	ug/l	99
46) Dibromomethane	9.47	93	25130	9.919	ug/l	96
47) Bromodichloromethane	9.66	83	70172	10.245	ug/l	94
48) Methyl methacrylate	9.45	41	19395	7.973	ug/l	93
49) 1,4-Dioxane	9.46	88	7276	267.629	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	108335	43.323	ug/l	97
52) Toluene	10.40	92	119587	10.071	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	54967	9.014	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	68393	9.442	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	34730	10.347	ug/l	97
56) Ethyl methacrylate	10.66	69	31829	8.466	ug/l	91
57) 1,3-Dichloropropane	10.94	76	58382	10.042	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	88833	53.074	ug/l	98
59) 2-Hexanone	10.98	43	73284	43.610	ug/l	95
60) Dibromochloromethane	11.14	129	44241	10.177	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31930	9.972	ug/l	98
64) Tetrachloroethene	10.87	164	44929	10.770	ug/l	92
65) Chlorobenzene	11.67	112	130516	10.415	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	48443	10.388	ug/l	98
67) Ethyl Benzene	11.74	91	218740	9.664	ug/l	98
68) m/p-Xylenes	11.86	106	167081	19.479	ug/l	99
69) o-Xylene	12.18	106	73582	9.678	ug/l	98
70) Styrene	12.20	104	126734	9.494	ug/l	99
71) Bromoform	12.36	173	24986	10.642	ug/l #	98
73) Isopropylbenzene	12.48	105	203026	9.654	ug/l	98
74) N-amyl acetate	12.28	43	36447	8.250	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	36471	10.094	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	23215m	9.536	ug/l	
77) Bromobenzene	12.76	156	47867	9.782	ug/l	97
78) n-propylbenzene	12.82	91	251307	9.827	ug/l	98
79) 2-Chlorotoluene	12.91	91	143437	9.922	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	177086	9.973	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	8576	7.747	ug/l	90
82) 4-Chlorotoluene	13.01	91	154709	10.093	ug/l	99
83) tert-Butylbenzene	13.23	119	139123	9.484	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	169881	9.569	ug/l	100
85) sec-Butylbenzene	13.40	105	209871	10.001	ug/l	98
86) p-Isopropyltoluene	13.52	119	180921	9.489	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	98267	10.512	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	98522	10.574	ug/l	98
89) n-Butylbenzene	13.84	91	170452	9.438	ug/l	99
90) Hexachloroethane	14.11	117	38807	9.954	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	84572	10.551	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5782	10.004	ug/l	92

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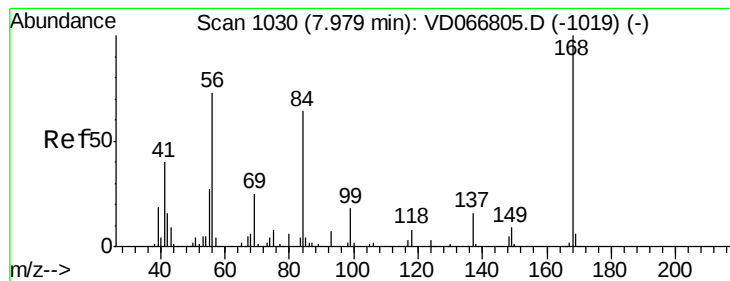
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	48856	10.070	ug/l	97
94) Hexachlorobutadiene	15.27	225	30965	10.578	ug/l	98
95) Naphthalene	15.40	128	70355	8.225	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	41841	9.793	ug/l	98

(#) = 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: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 410780

Ion Ratio Lower Upper

168 100

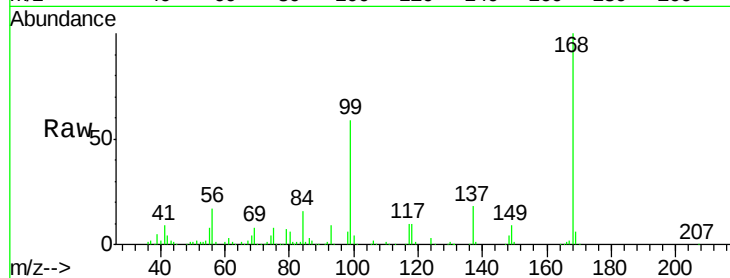
99 58.5 46.6 69.8

Manual Integrations

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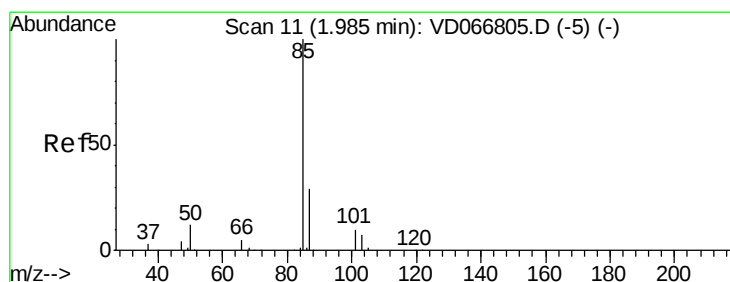
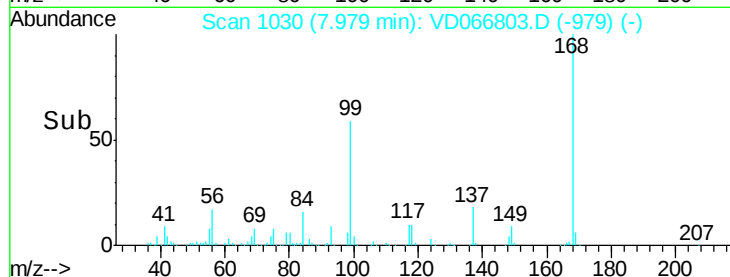
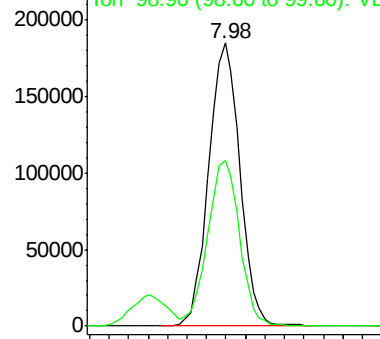
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 11.558 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066803.D

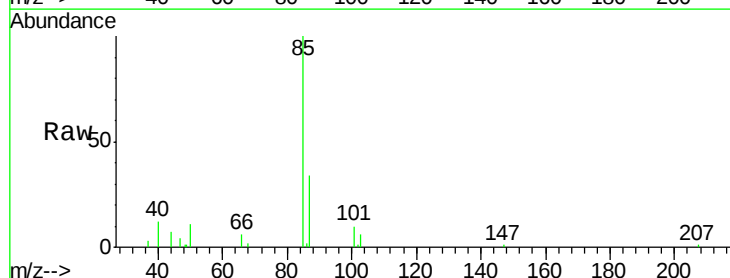
Acq: 22 Sep 2020 11:16

Tgt Ion: 85 Resp: 39221

Ion Ratio Lower Upper

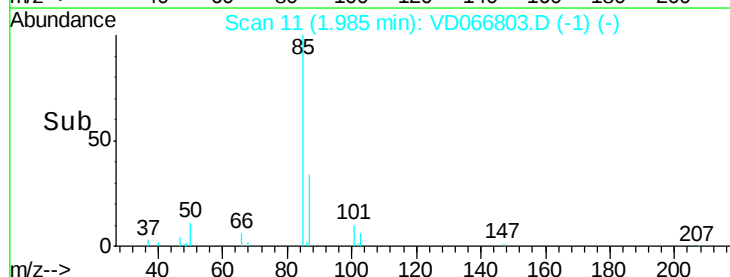
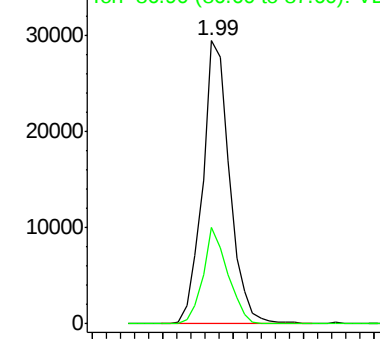
85 100

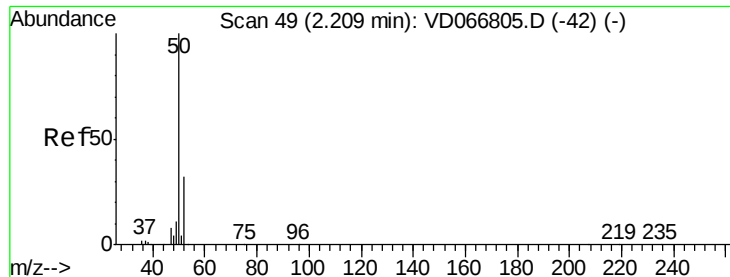
87 34.2 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 9.676 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 42023

Ion Ratio Lower Upper

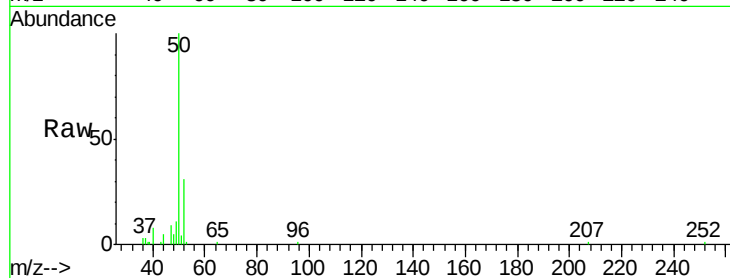
50 100

52 31.3 25.5 38.3

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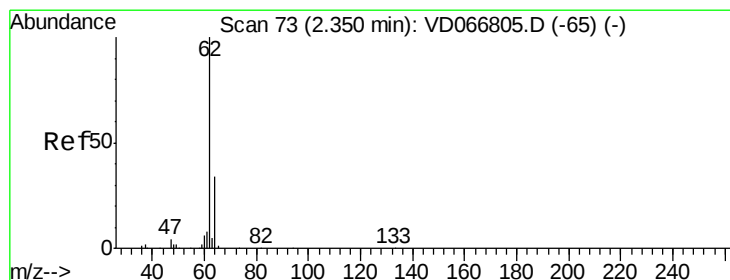
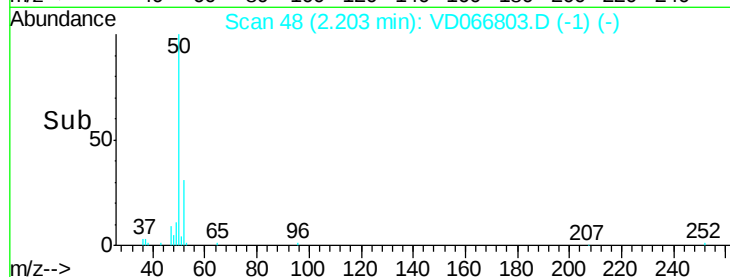
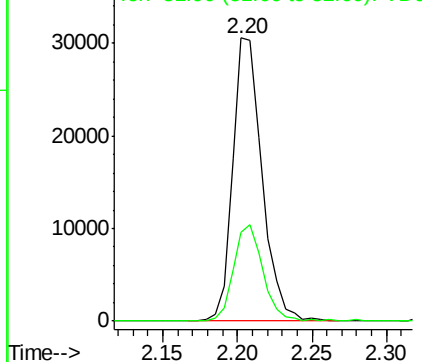
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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 9.179 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066803.D

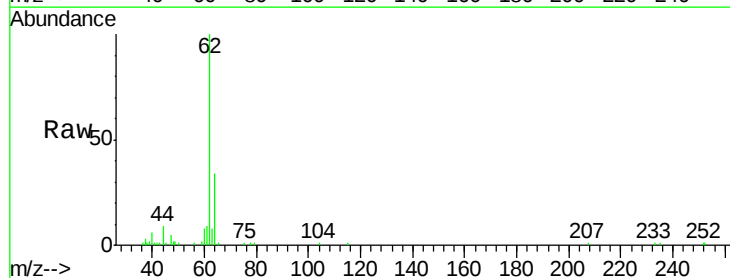
Acq: 22 Sep 2020 11:16

Tgt Ion: 62 Resp: 41426

Ion Ratio Lower Upper

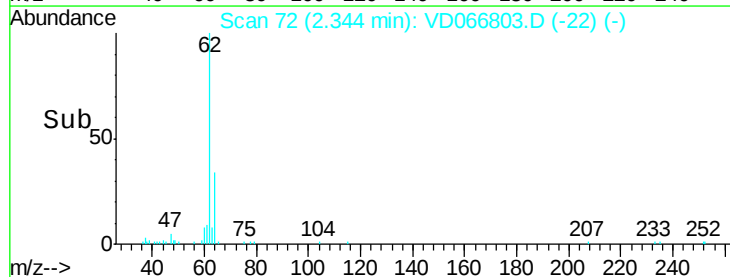
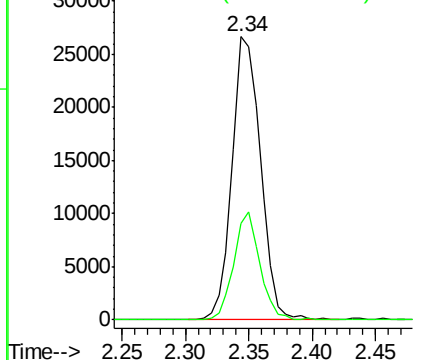
62 100

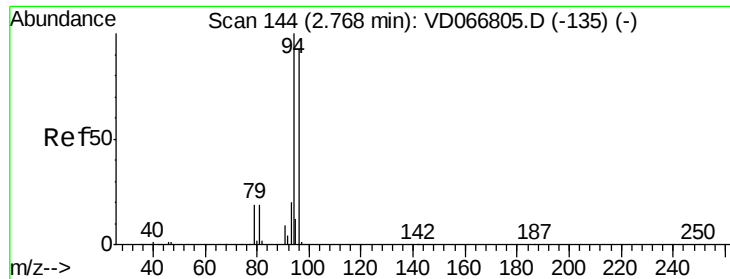
64 33.9 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 9.011 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 28771

Ion Ratio Lower Upper

94 100

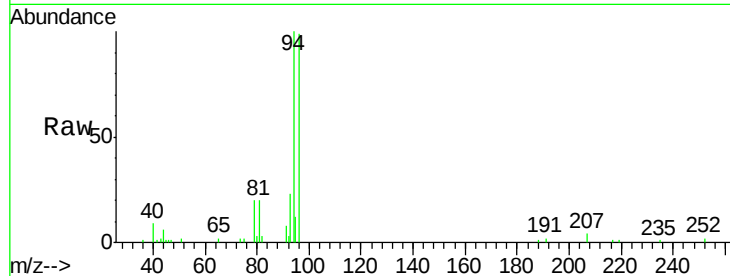
96 99.3 74.3 111.5

Manual Integrations

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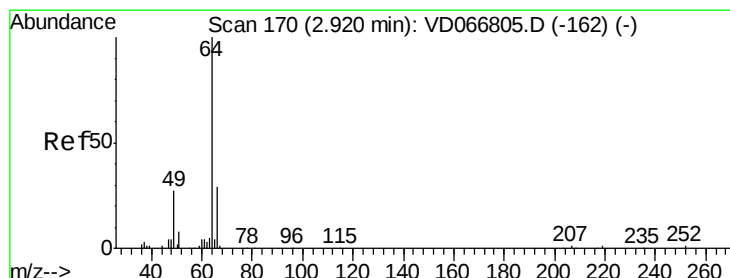
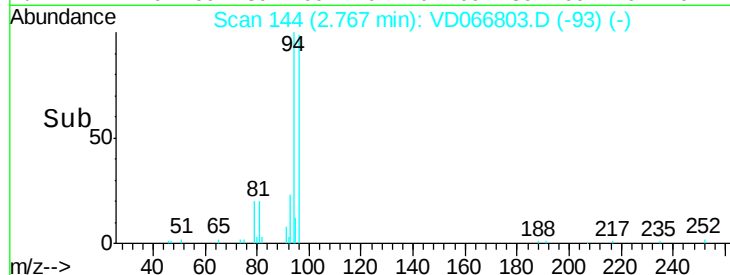
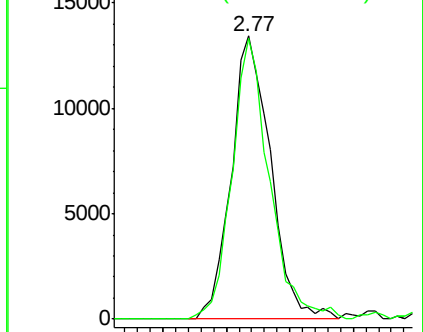
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 8.713 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066803.D

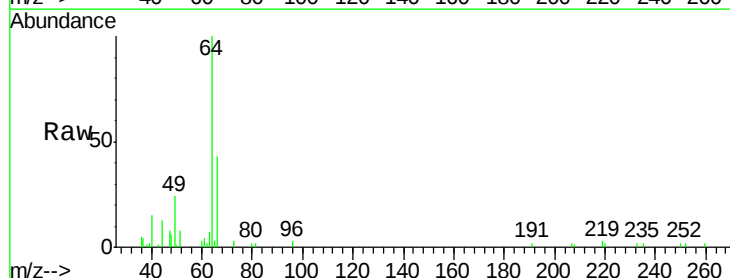
Acq: 22 Sep 2020 11:16

Tgt Ion: 64 Resp: 24301

Ion Ratio Lower Upper

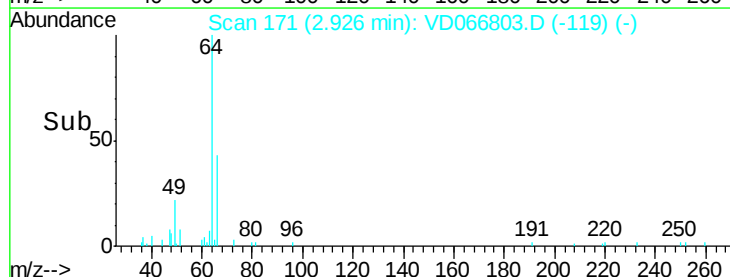
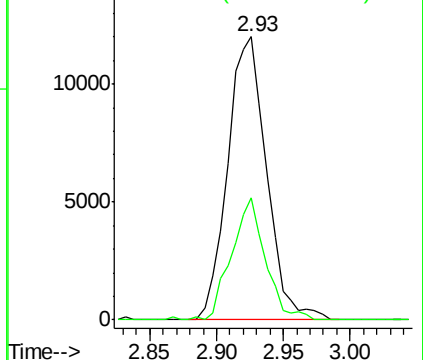
64 100

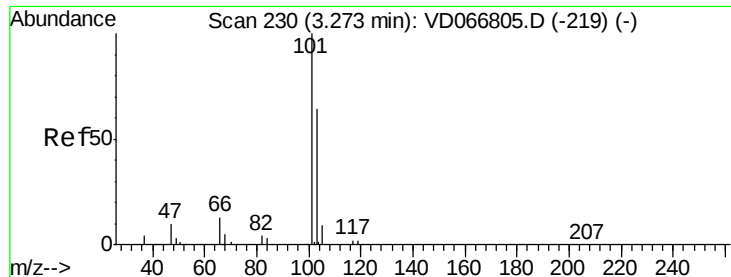
66 43.0 23.3 34.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

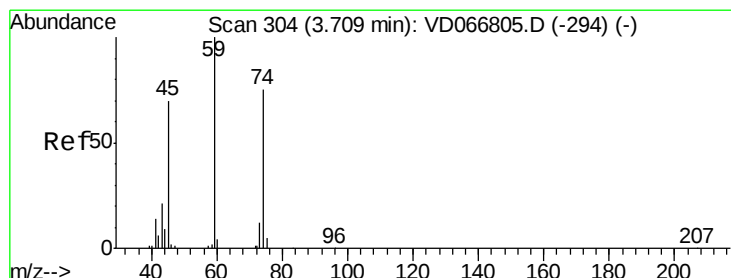
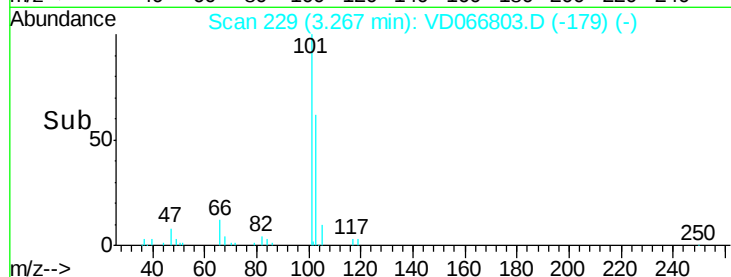
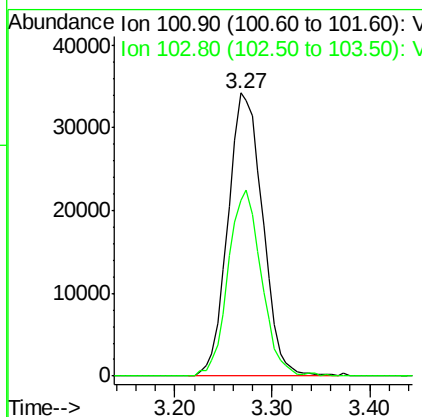
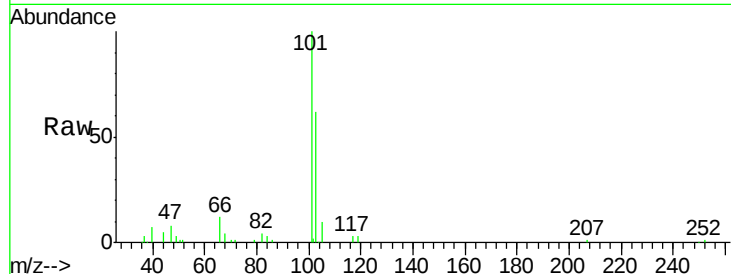
Trichlorofluoromethane
 Concen: 10.617 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	51.0	76.6

Manual Integrations
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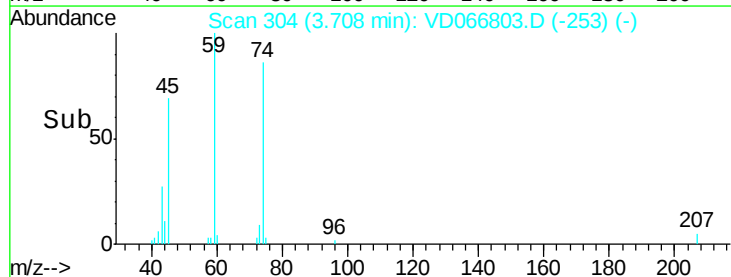
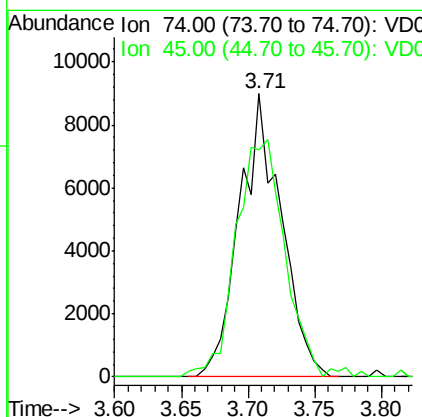
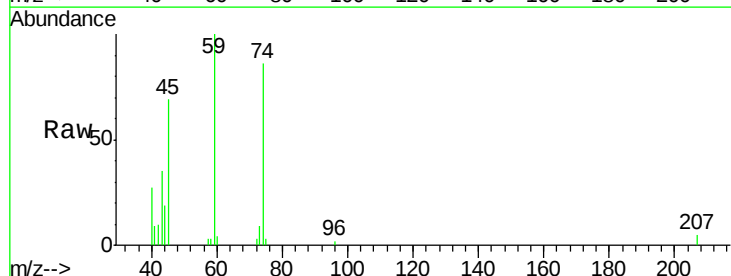
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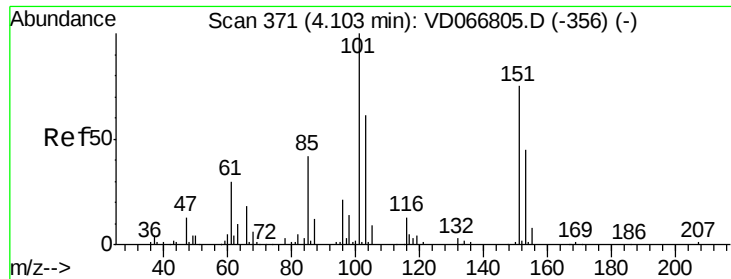


#8

Diethyl Ether
 Concen: 9.632 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	46.0	138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.766 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

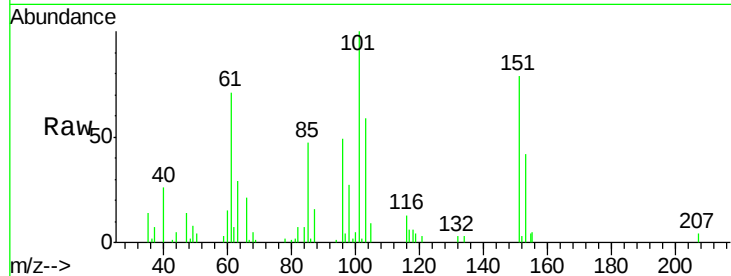
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	47535
Ion Ratio	Lower	Upper	
101	100		
85	45.7	35.4	53.2
151	76.8	61.4	92.0

Manual Integrations
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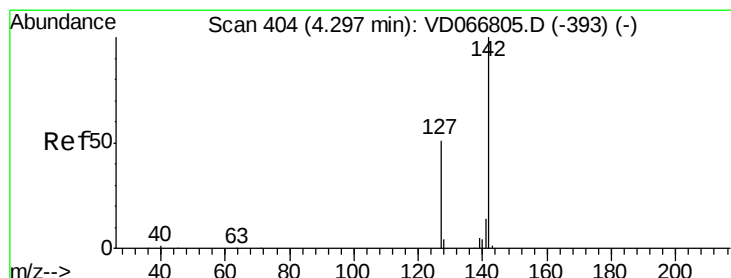
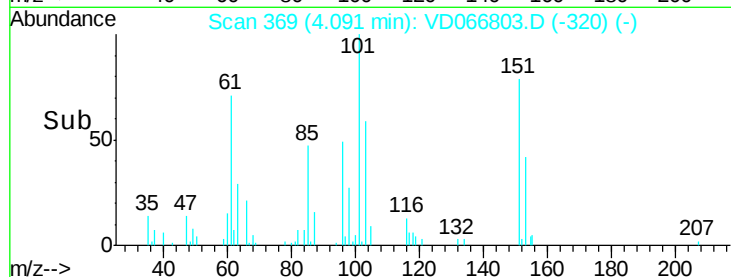
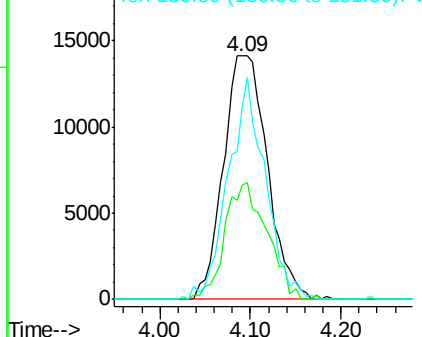
MMDadoda
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 8.679 ug/l

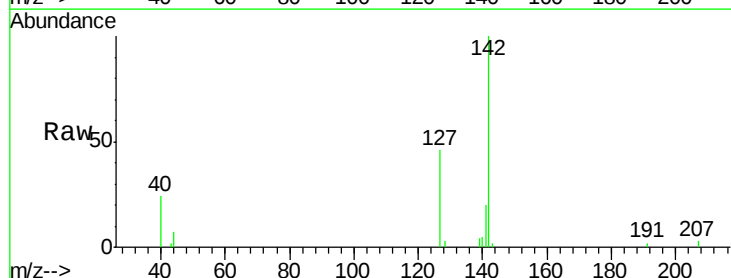
RT: 4.30 min Scan# 404

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

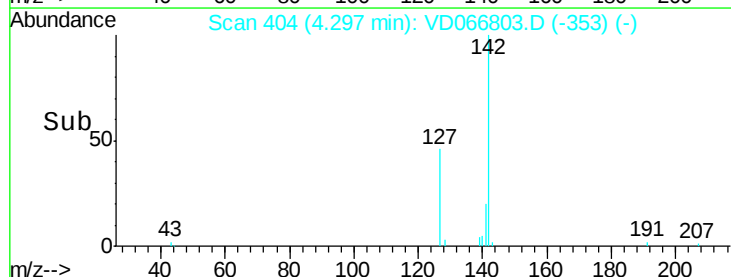
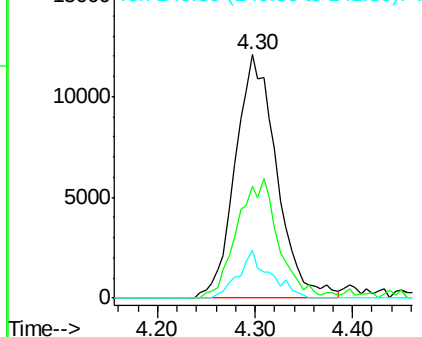
Tgt Ion:	142	Resp:	35814
Ion Ratio	Lower	Upper	
142	100		
127	48.9	39.4	59.0
141	14.9	12.1	18.1

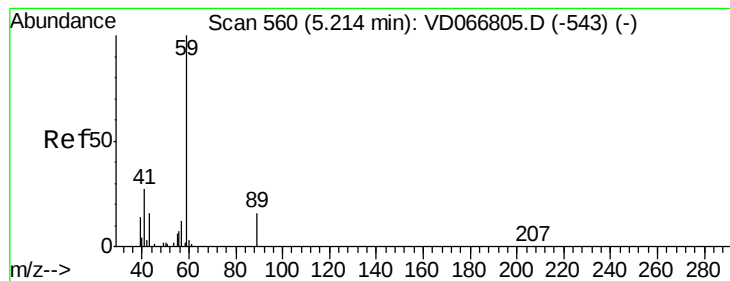


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 41.926 ug/l m

RT: 5.20 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 59 Resp: 18289

Ion Ratio Lower Upper

59 100

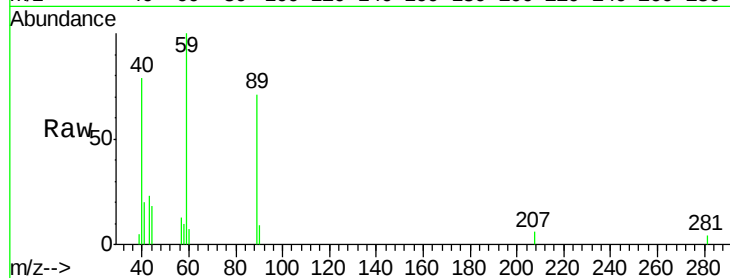
57 6.8 8.3 12.5#

Manual Integrations

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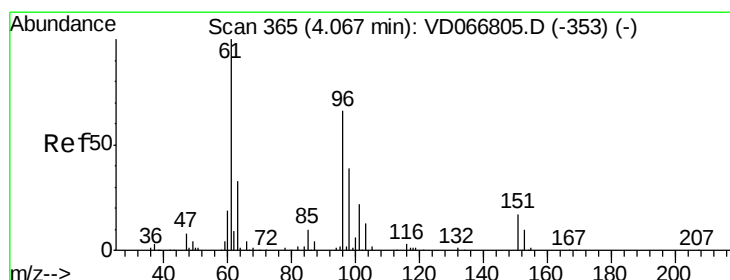
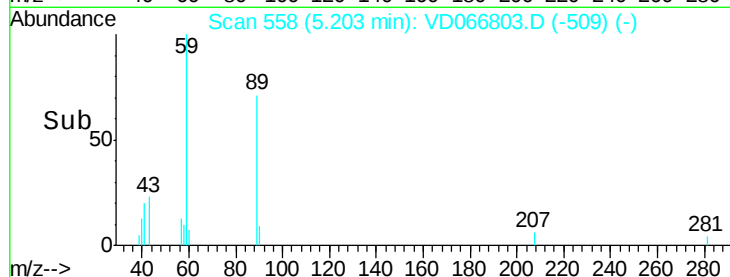
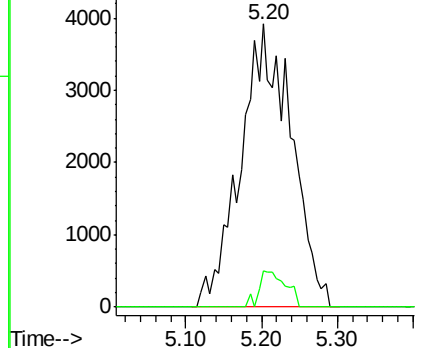
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Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 10.411 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

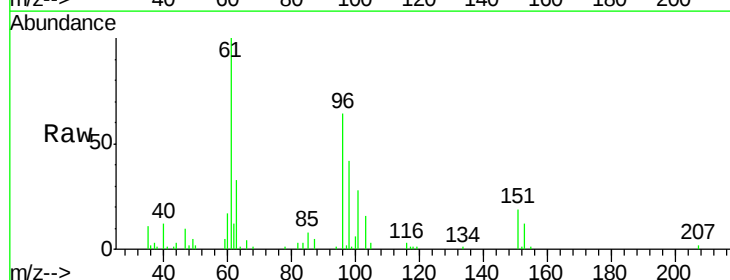
Tgt Ion: 96 Resp: 42633

Ion Ratio Lower Upper

96 100

61 156.1 120.8 181.2

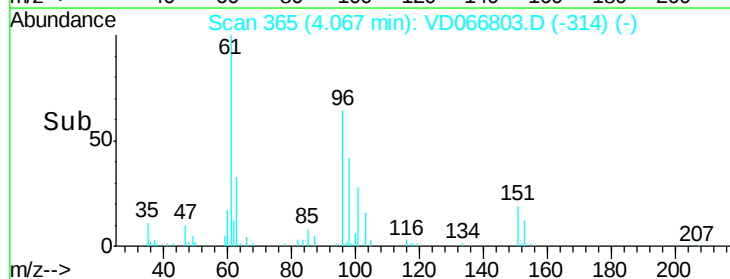
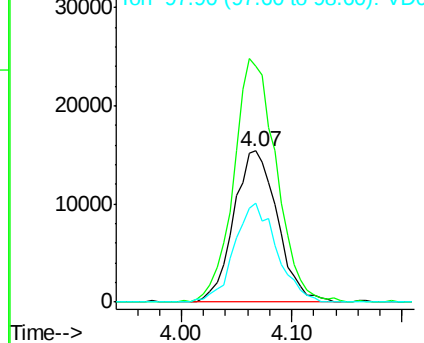
98 65.3 47.7 71.5

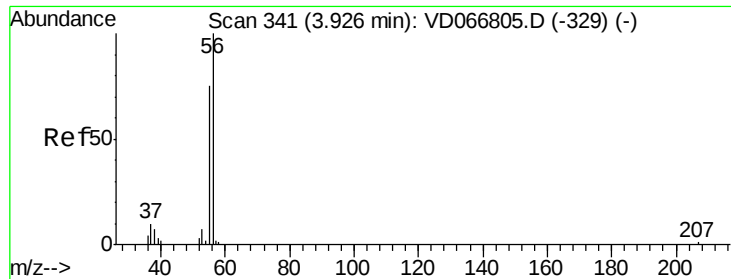


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 51.228 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 15707

Ion Ratio Lower Upper

56 100

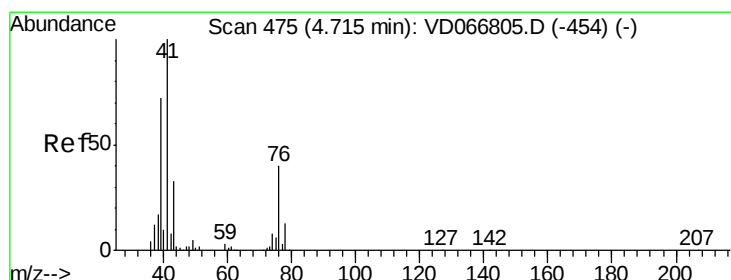
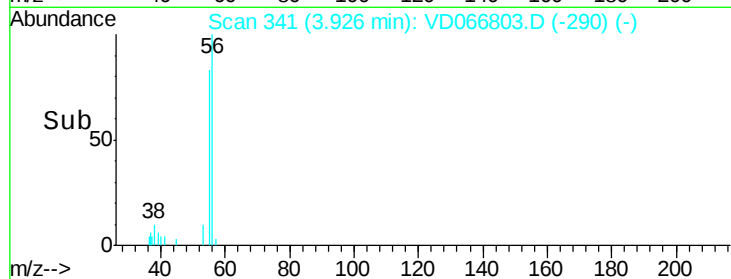
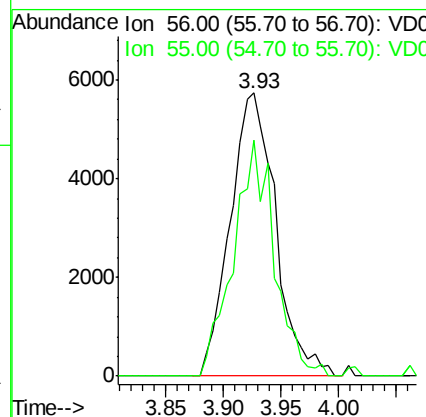
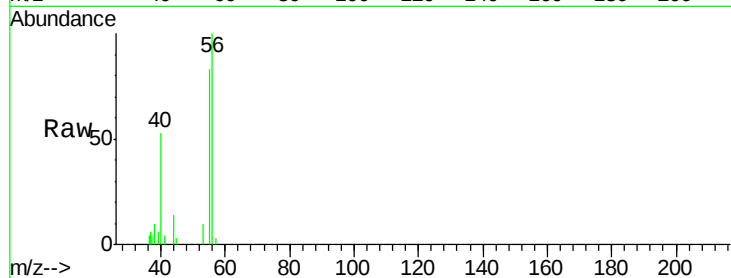
55 74.9 60.3 90.5

Manual Integrations

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#14

Allyl chloride

Concen: 9.265 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

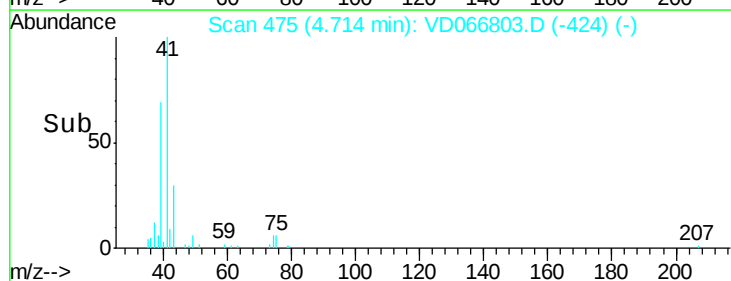
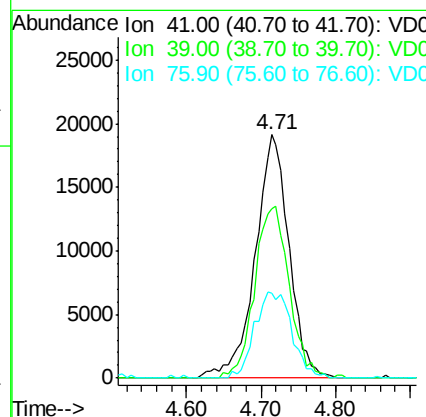
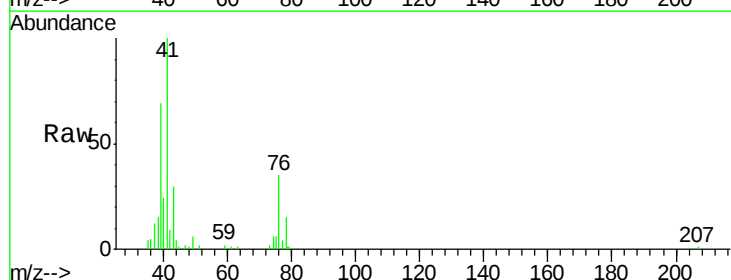
Tgt Ion: 41 Resp: 60059

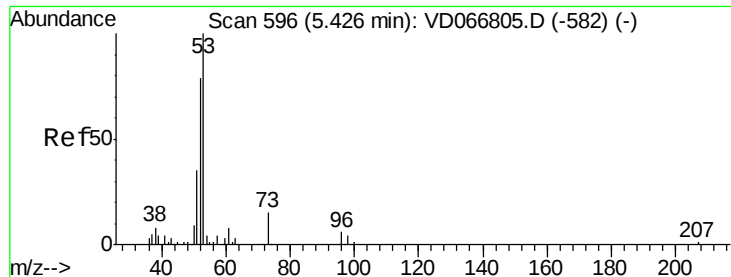
Ion Ratio Lower Upper

41 100

39 72.2 57.8 86.8

76 38.8 30.9 46.3





#15

Acrylonitrile

Concen: 48.188 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

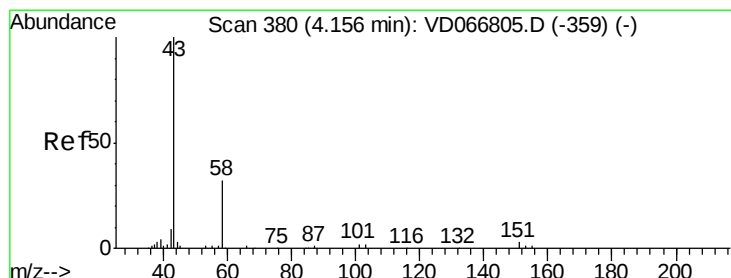
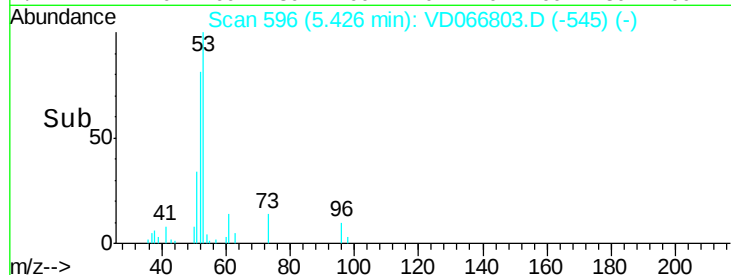
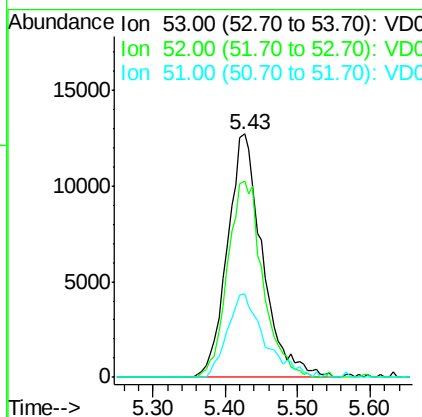
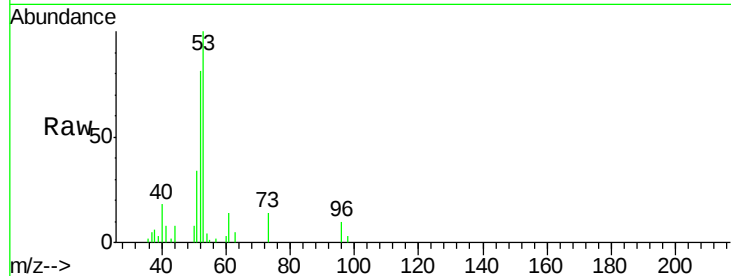
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	42746
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.2	97.8
51	36.0	30.6	46.0

Manual Integrations
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#16

Acetone

Concen: 44.909 ug/l

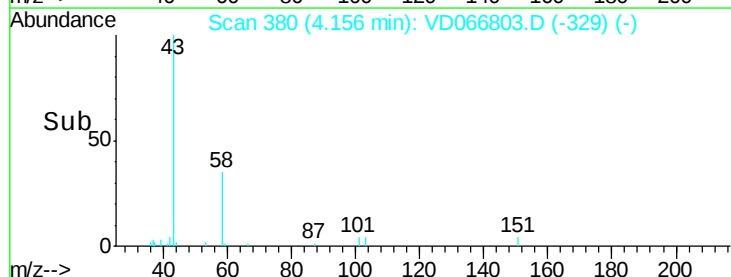
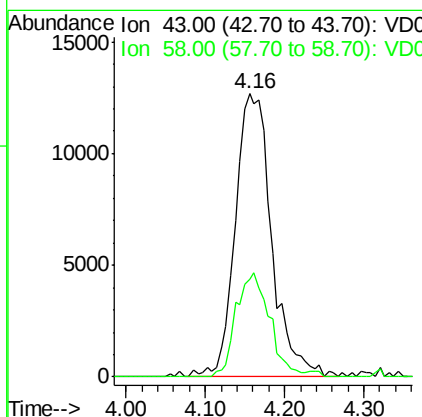
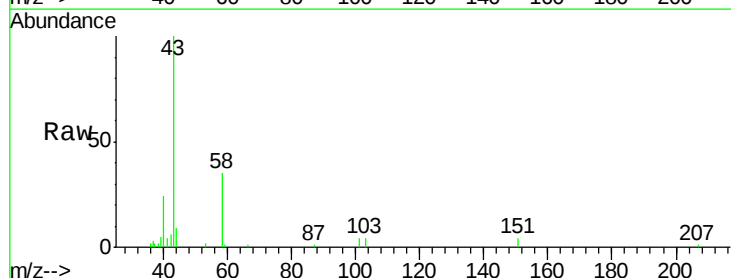
RT: 4.16 min Scan# 380

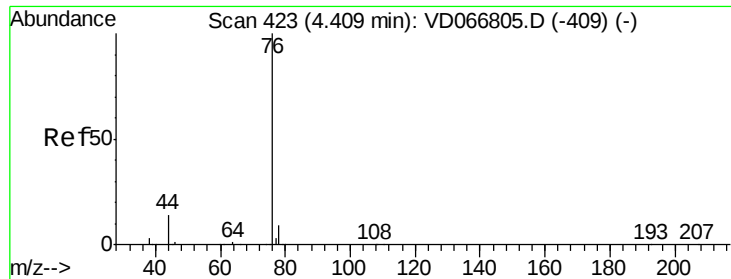
Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Tgt Ion:	43	Resp:	40377
Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.6	38.4





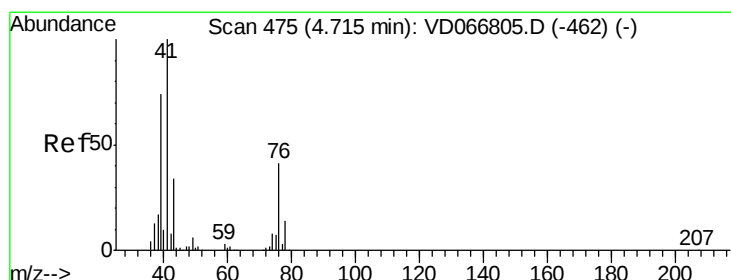
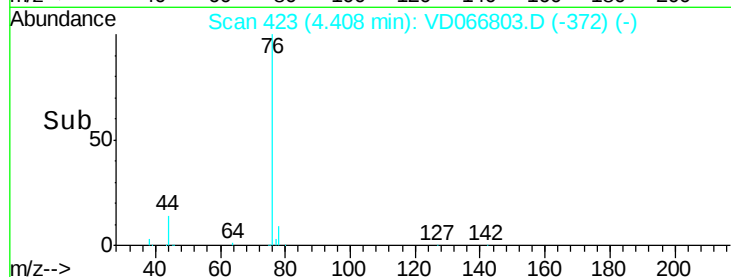
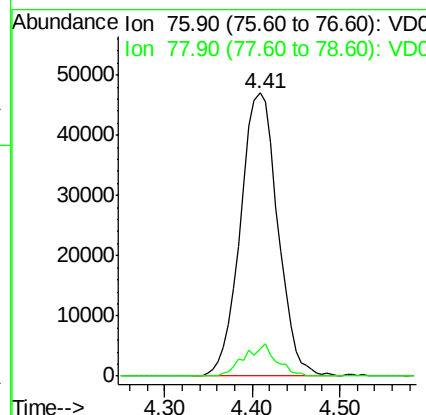
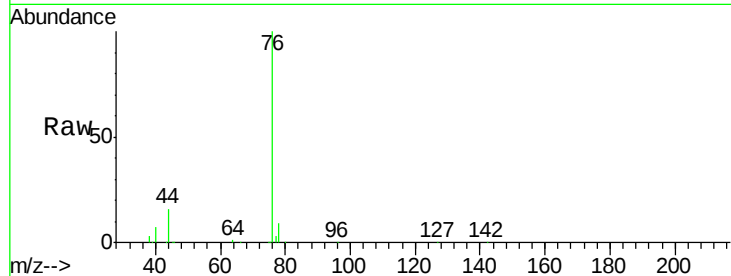
#17
Carbon Disulfide
Concen: 10.688 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 76 Resp: 136452
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

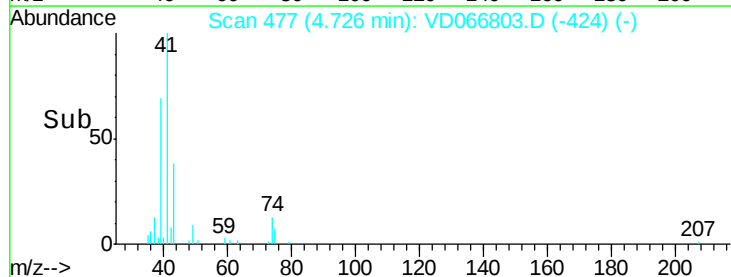
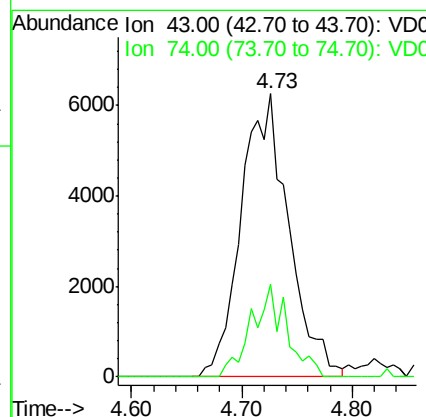
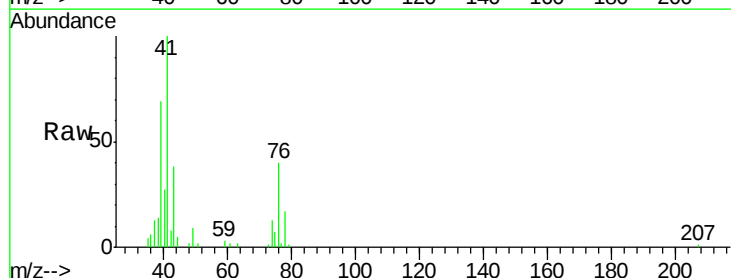
Manual Integrations
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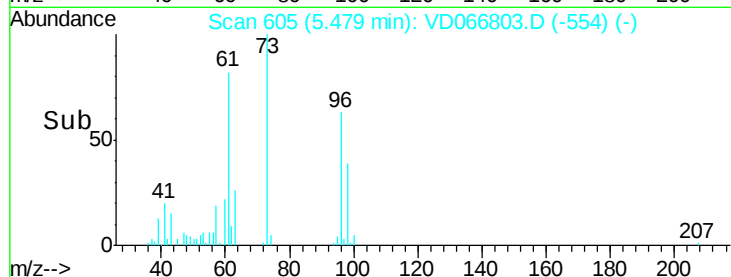
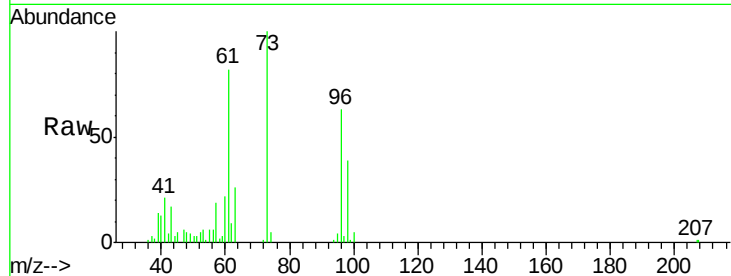
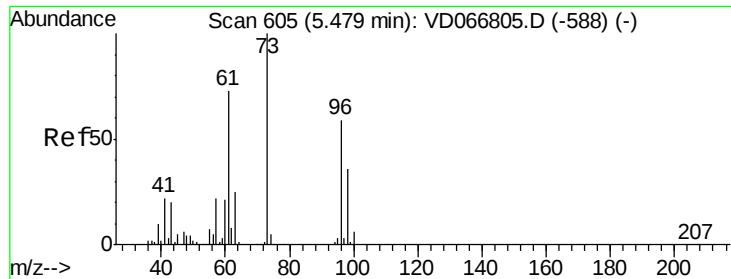
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#18
Methyl Acetate
Concen: 8.765 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion: 43 Resp: 18879
Ion Ratio Lower Upper
43 100
74 24.2 20.3 30.5





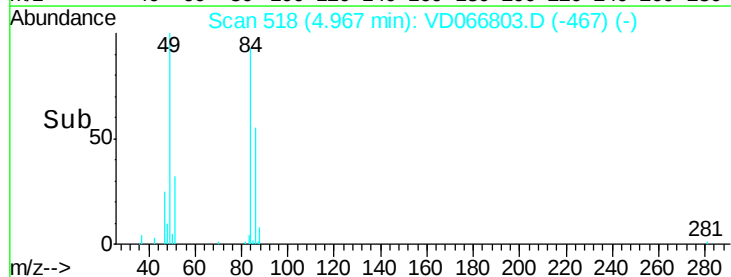
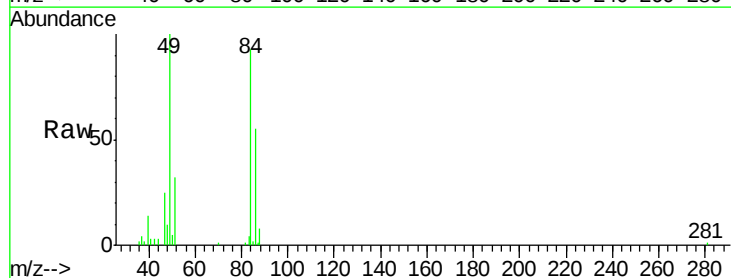
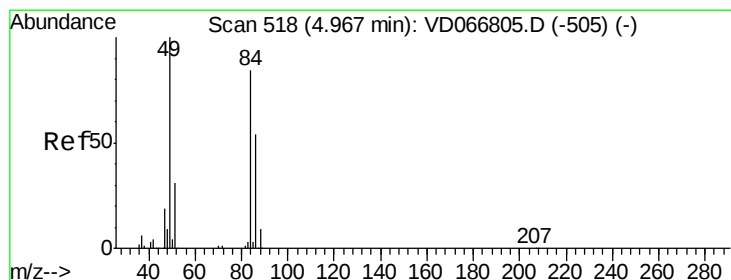
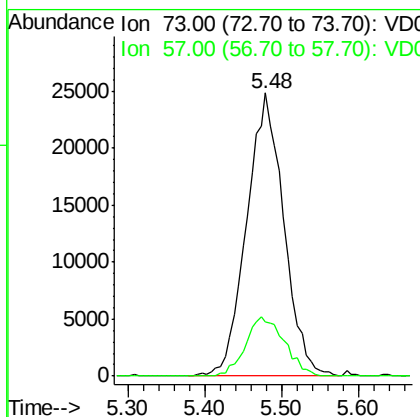
#19
Methyl tert-butyl Ether
Concen: 9.206 ug/l
RT: 5.48 min Scan# 605
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tot Ion: 73 Resp: 83729
Ion Ratio Lower Upper
73 100
57 19.0 17.4 26.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

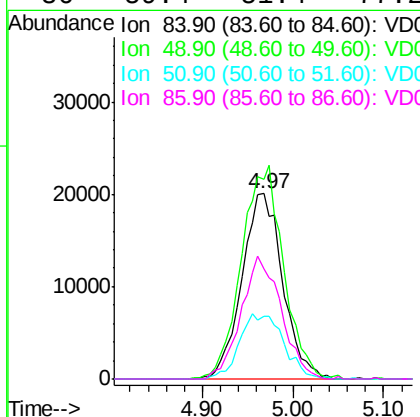
Manual Integrations
APPROVED

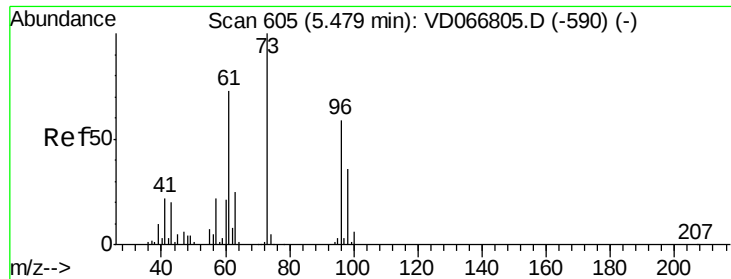
MMDadoda
9/23/2020 1:04:55 PM



#20
Methylene Chloride
Concen: 10.448 ug/l
RT: 4.97 min Scan# 518
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion: 84 Resp: 62764
Ion Ratio Lower Upper
84 100
49 108.1 95.4 143.2
51 34.1 29.7 44.5
86 59.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 10.278 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

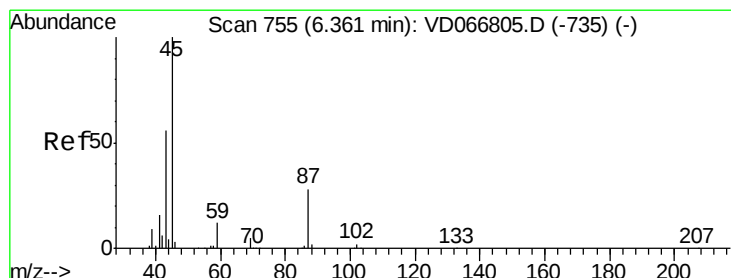
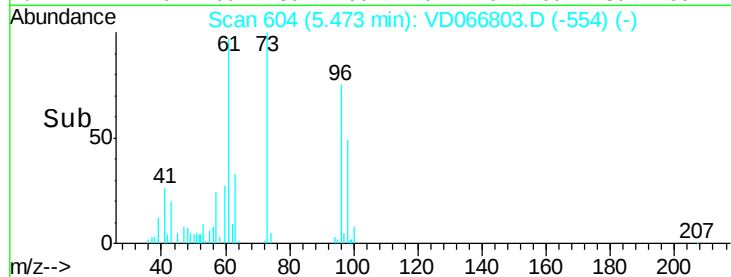
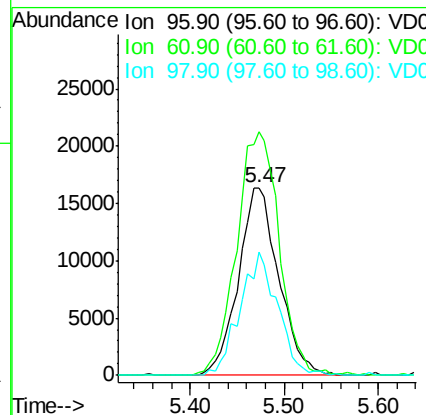
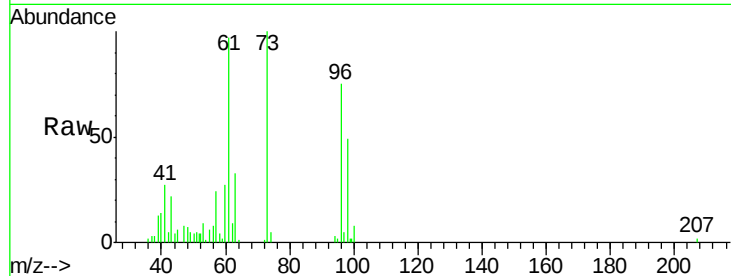
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	48869
Ion	Ratio	Lower	Upper
96	100		
61	129.6	98.9	148.3
98	65.9	48.4	72.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 9.080 ug/l

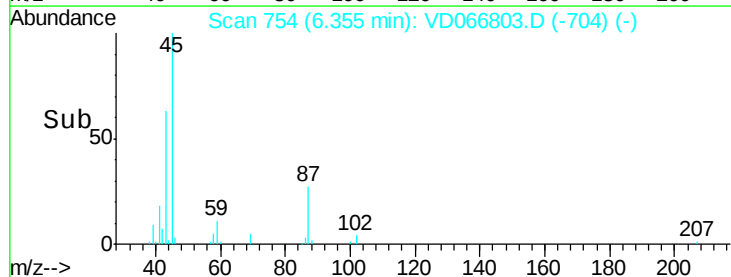
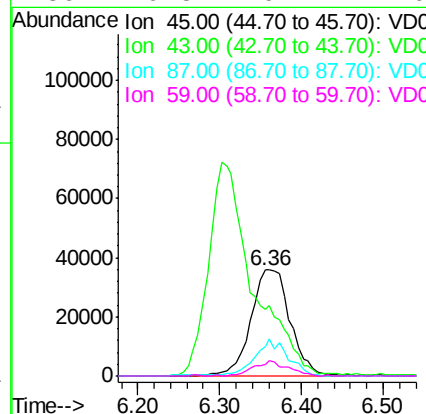
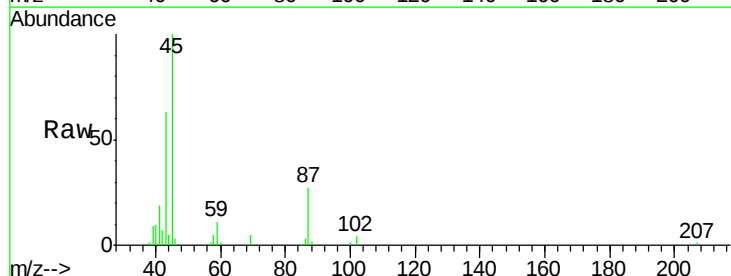
RT: 6.36 min Scan# 754

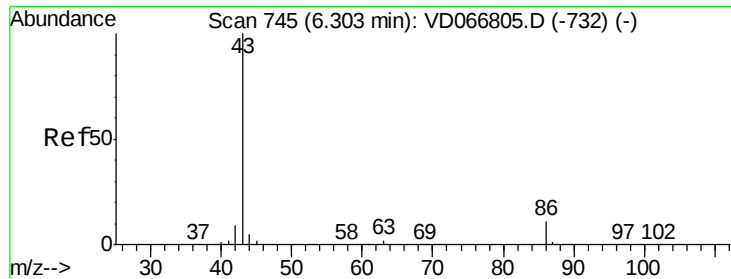
Delta R.T. -0.01 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Tgt Ion:	45	Resp:	119823
Ion	Ratio	Lower	Upper
45	100		
43	61.4	44.5	66.7
87	27.2	22.9	34.3
59	10.8	9.4	14.0





#23

Vinyl Acetate

Concen: 37.698 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 274063

Ion Ratio Lower Upper

43 100

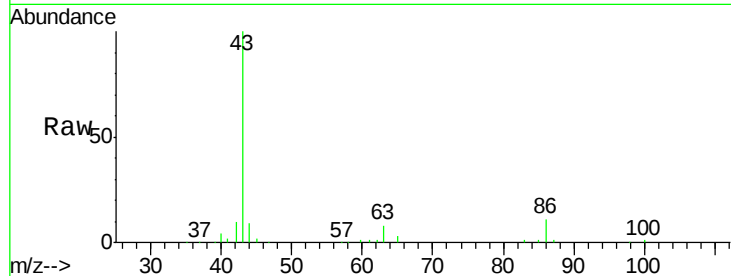
86 10.5 8.9 13.3

Manual Integrations

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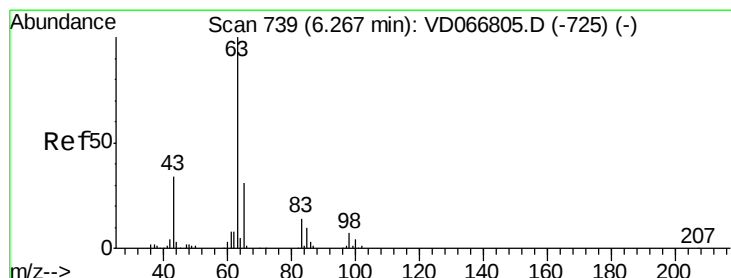
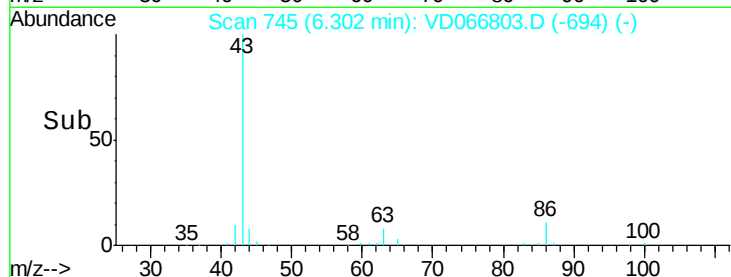
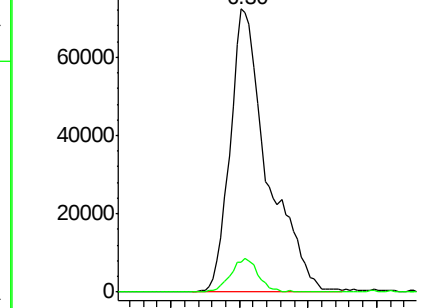
MMDadoda

9/23/2020 1:04:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 10.025 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

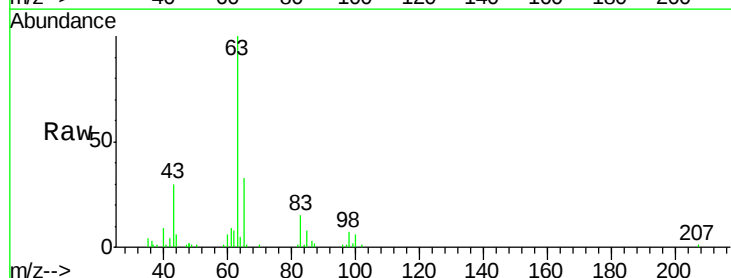
Tgt Ion: 63 Resp: 84675

Ion Ratio Lower Upper

63 100

98 6.7 3.7 11.1

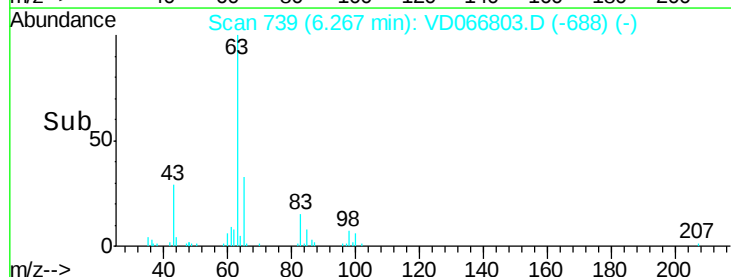
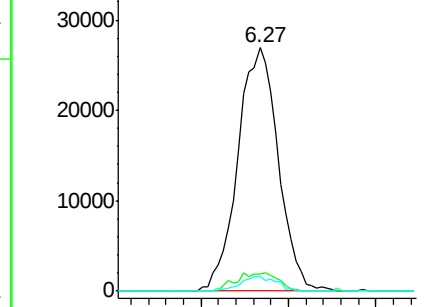
100 6.1 1.8 5.5#

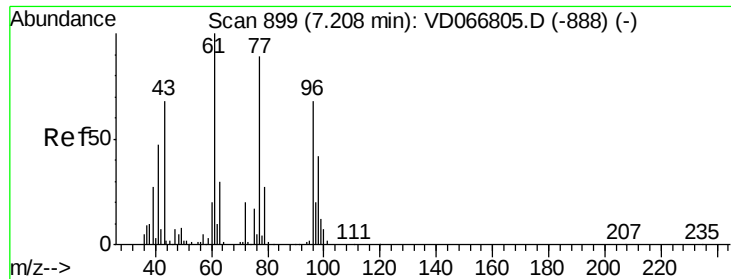


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 42.678 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 48843

Ion Ratio Lower Upper

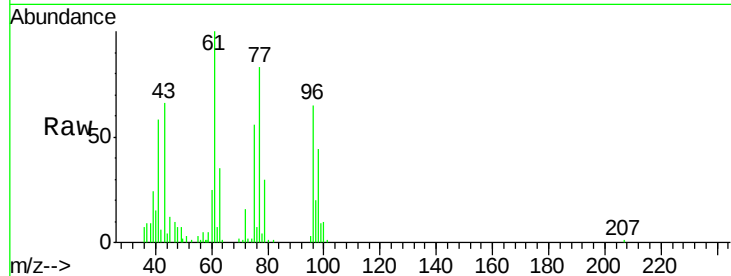
43 100

72 24.7 22.9 34.3

Manual Integrations
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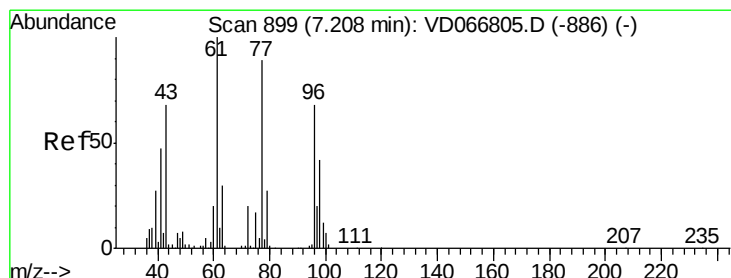
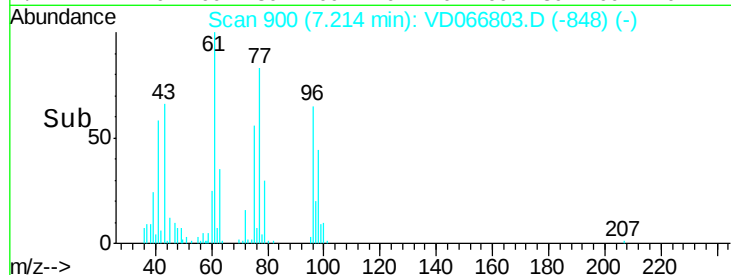
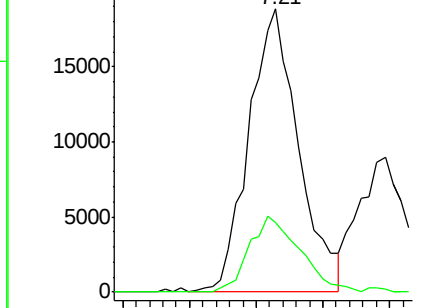
MMDadoda

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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: 10.338 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066803.D

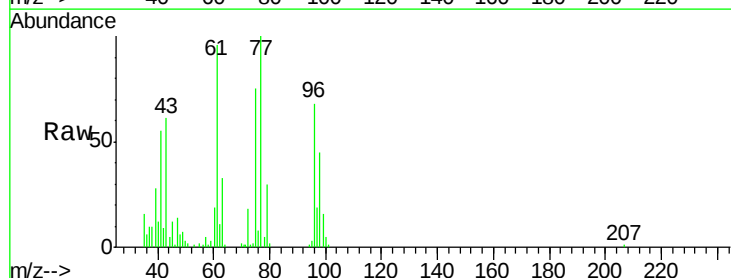
Acq: 22 Sep 2020 11:16

Tgt Ion: 77 Resp: 80452

Ion Ratio Lower Upper

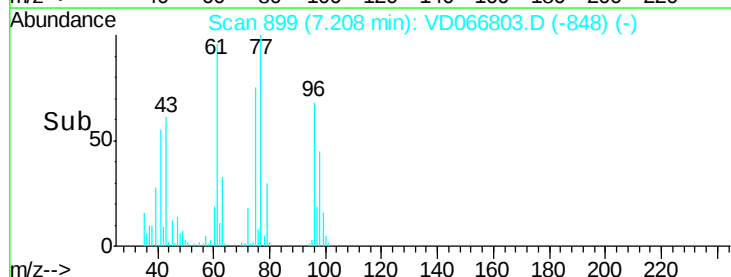
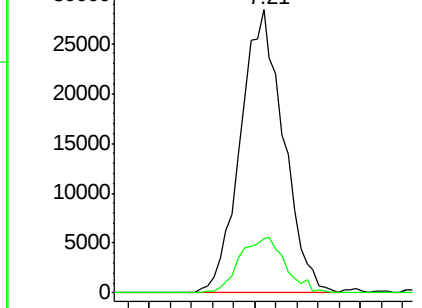
77 100

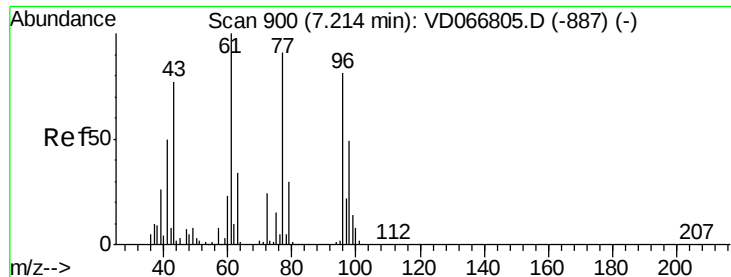
97 20.7 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

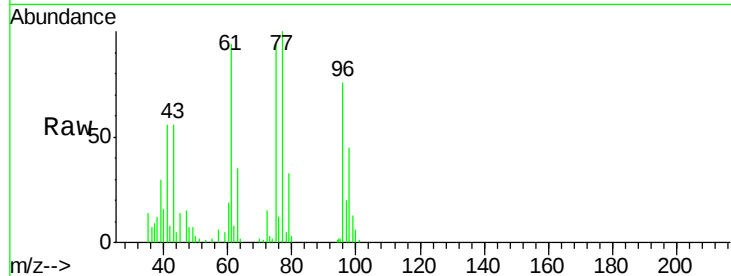
cis-1,2-Dichloroethene
Concen: 9.919 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

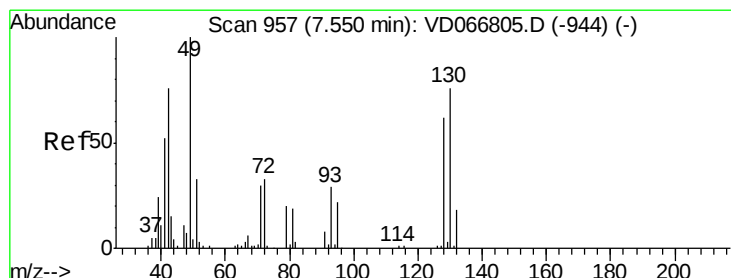
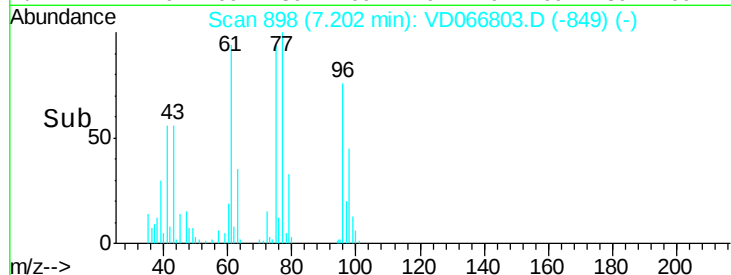
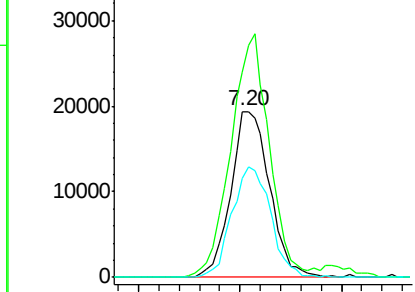
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	283.8
98	66.4	0.0	128.4

Manual Integrations
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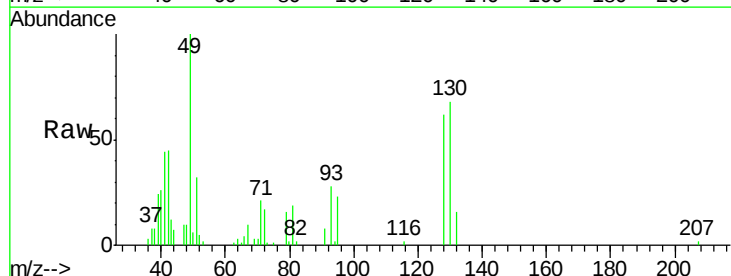
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



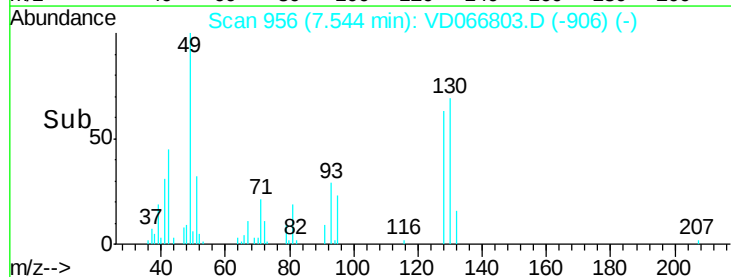
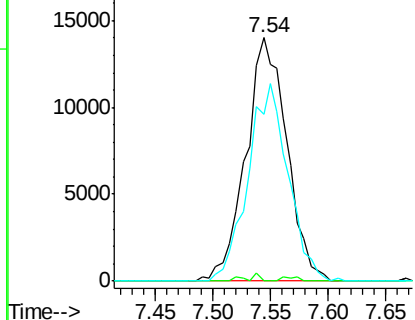
#28

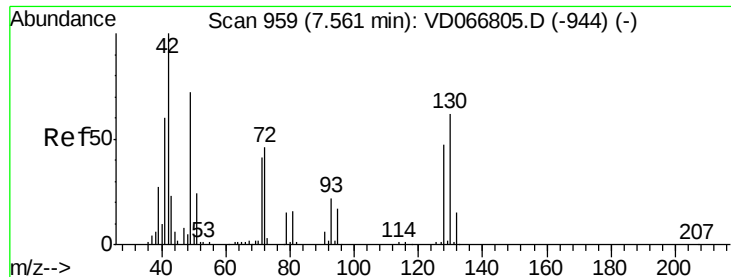
Bromochloromethane
Concen: 10.667 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	2.0
130	79.6	65.9	98.9



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC





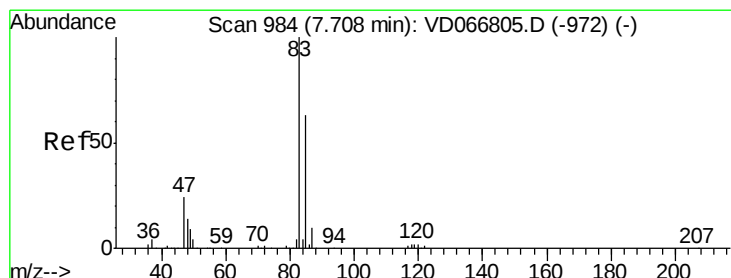
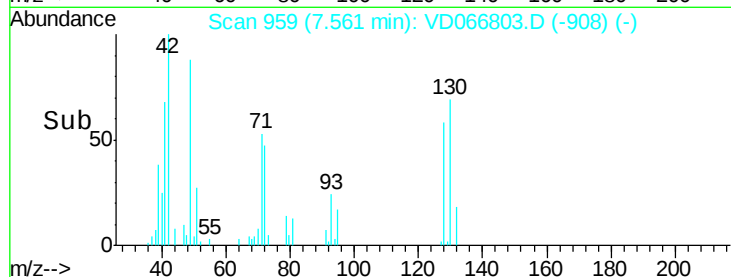
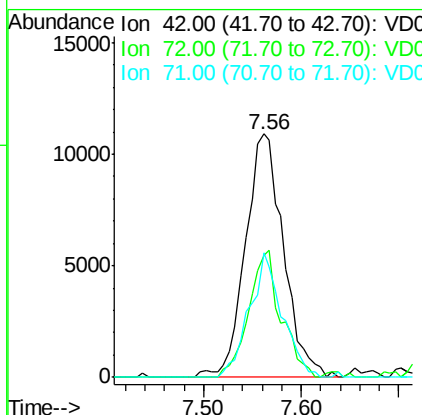
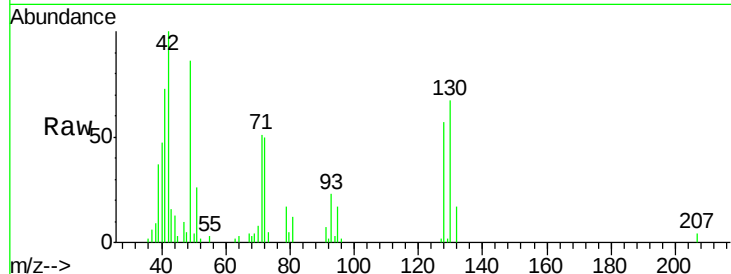
#29
Tetrahydrofuran
Concen: 42.430 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:	42	Resp:	29791
Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.2	54.4
71	44.1	32.4	48.6

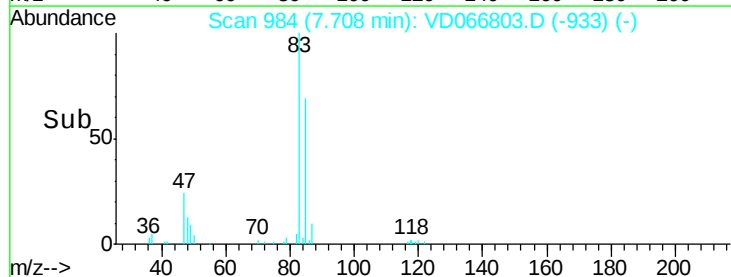
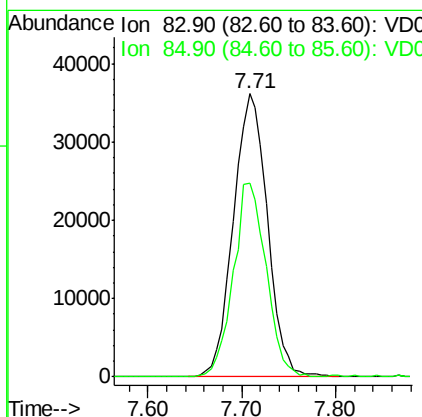
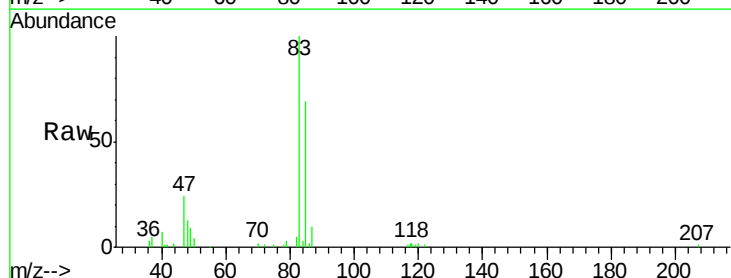
Manual Integrations
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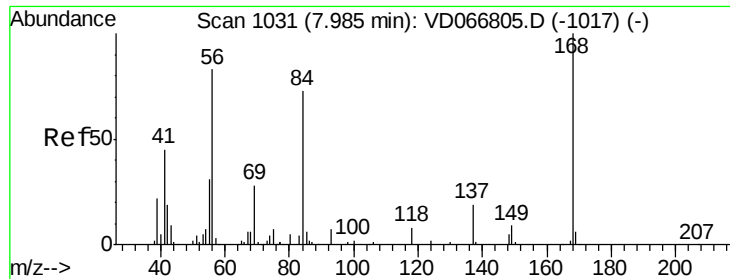
MMDadoda
9/23/2020 1:04:55 PM



#30
Chloroform
Concen: 10.136 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion:	83	Resp:	90978
Ion	Ratio	Lower	Upper
83	100		
85	68.7	50.6	75.8





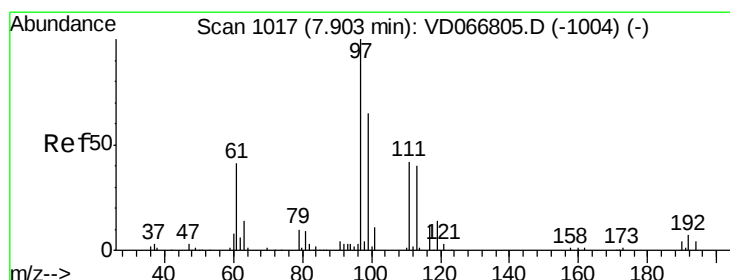
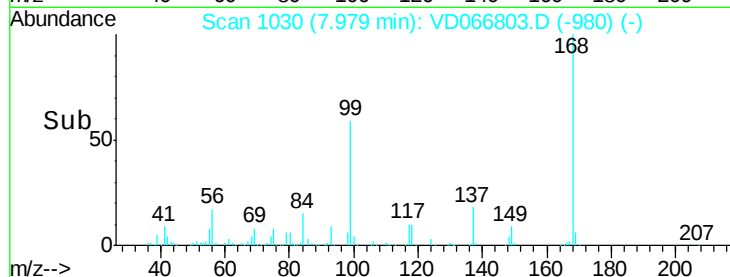
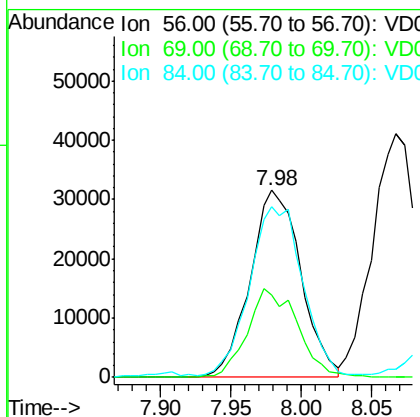
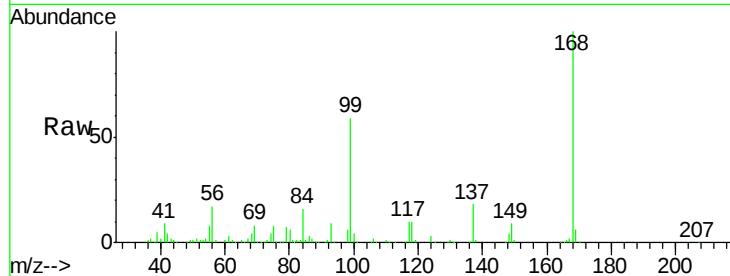
#31
Cyclohexane
Concen: 10.410 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleID :
VSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		79429		
69	44.4	27.0		40.4#	
84	90.2	70.2		105.4	

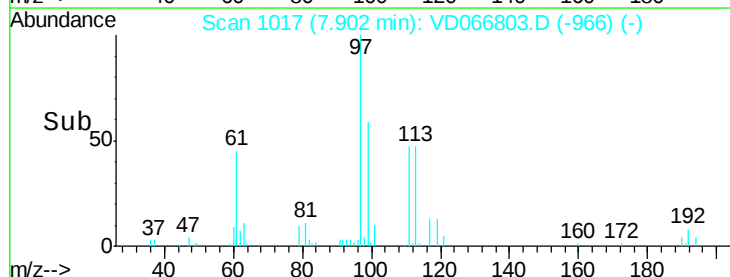
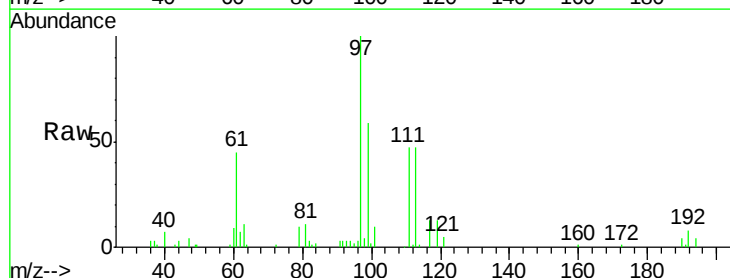
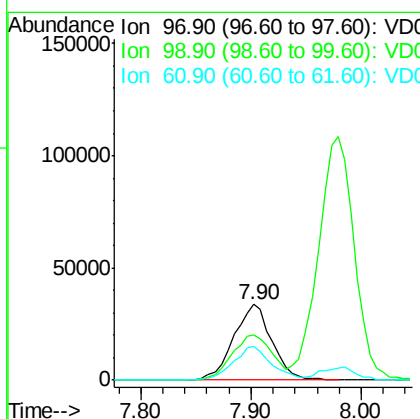
Manual Integrations
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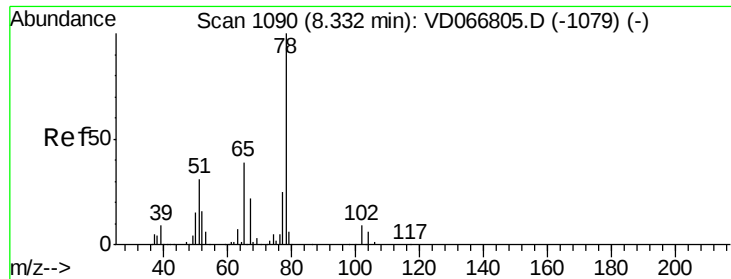
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#32
1,1,1-Trichloroethane
Concen: 9.942 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		81635		
99	63.1	51.5		77.3	
61	43.9	34.2		51.4	





#33

1,2-Dichloroethane-d4

Concen: 9.555 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 41045

Ion Ratio Lower Upper

65 100

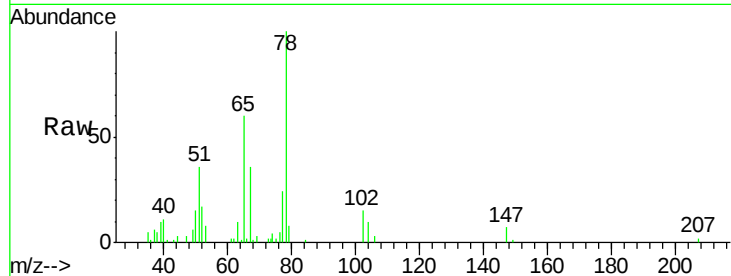
67 53.0 0.0 107.2

Manual Integrations

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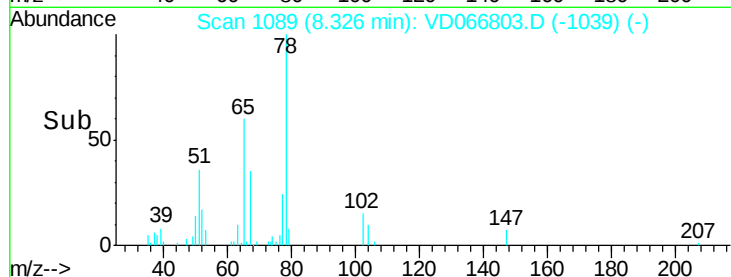


Abundance Ion 64.90 (64.60 to 65.60): VD066803.D (-1039) (-)

Ion 66.90 (66.60 to 67.60): VD066803.D (-1039) (-)

8.33

Time-->



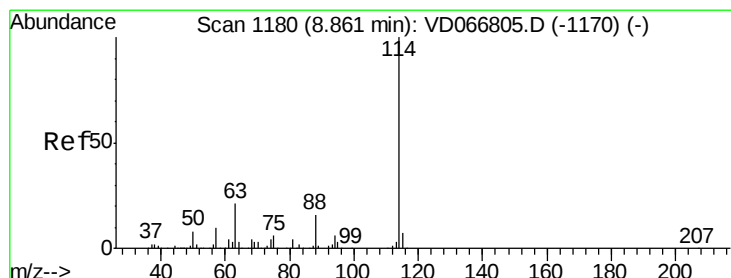
Abundance

Ion 64.90 (64.60 to 65.60): VD066803.D (-1039) (-)

Ion 66.90 (66.60 to 67.60): VD066803.D (-1039) (-)

8.33

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

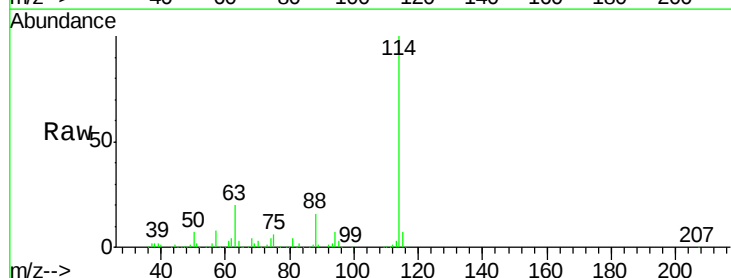
Tgt Ion: 114 Resp: 665102

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 15.8 0.0 32.6



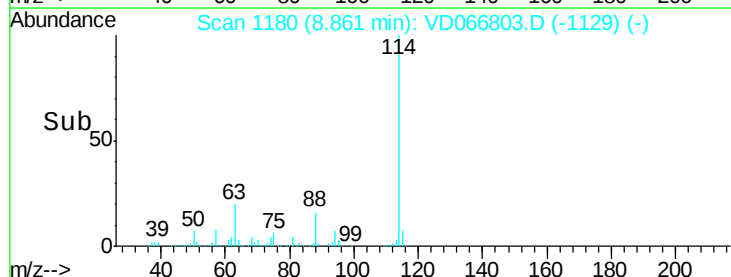
Abundance Ion 113.90 (113.60 to 114.60): VD066803.D (-1129) (-)

Ion 63.00 (62.70 to 63.70): VD066803.D (-1129) (-)

Ion 87.90 (87.60 to 88.60): VD066803.D (-1129) (-)

8.86

Time-->



Abundance

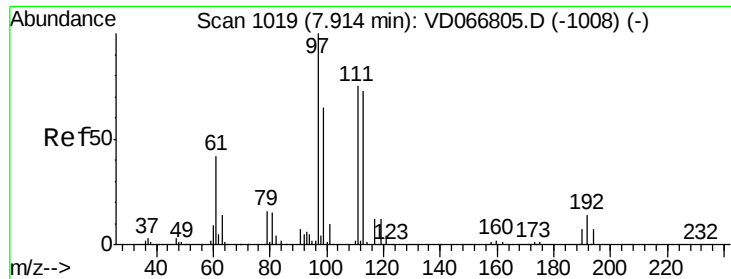
Ion 113.90 (113.60 to 114.60): VD066803.D (-1129) (-)

Ion 63.00 (62.70 to 63.70): VD066803.D (-1129) (-)

Ion 87.90 (87.60 to 88.60): VD066803.D (-1129) (-)

8.86

Time-->



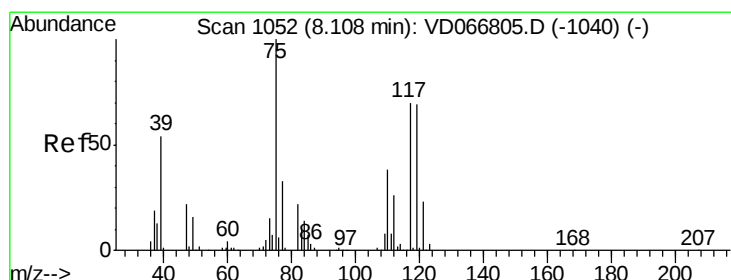
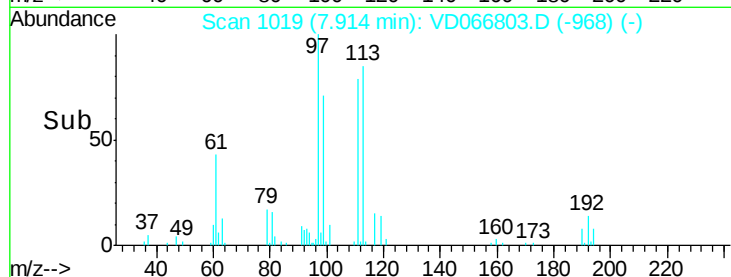
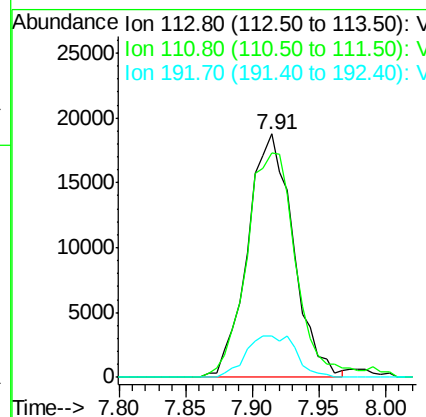
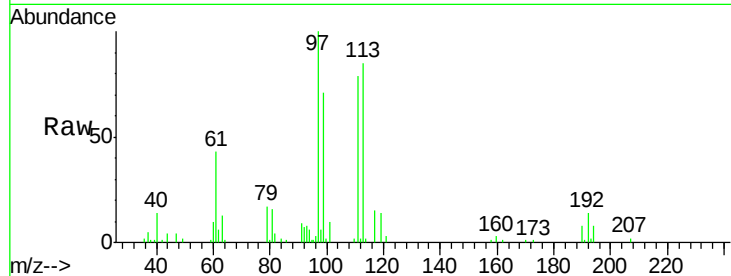
#35
 Dibromofluoromethane
 Concen: 10.822 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.8	122.8
192	18.8	14.4	21.6

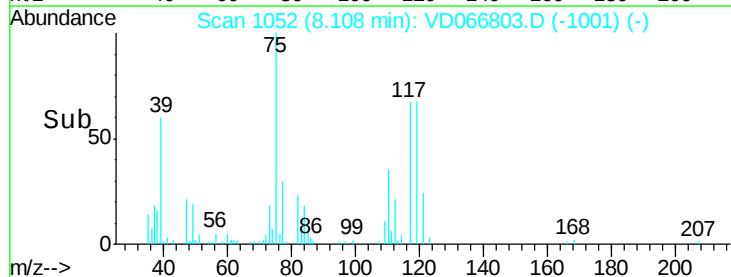
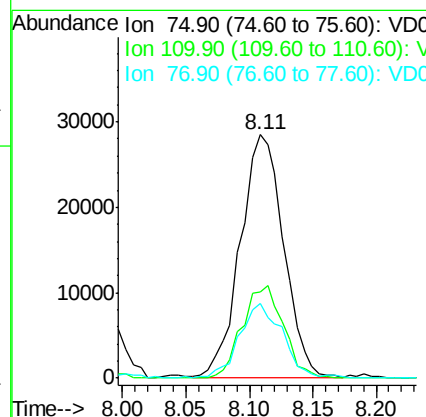
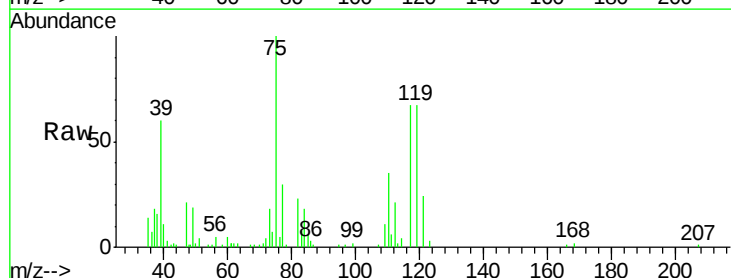
Manual Integrations
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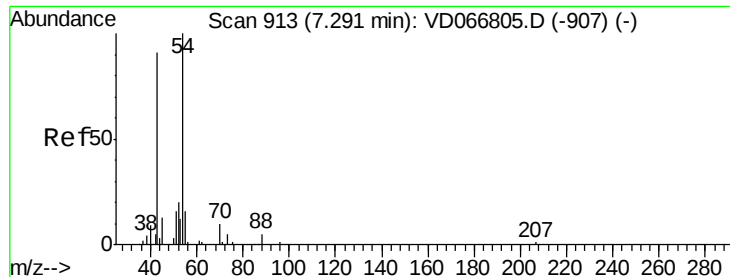
MMDadoda
 9/23/2020 1:04:55 PM



#36
 1,1-Dichloropropene
 Concen: 9.973 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.9	53.8
77	30.1	25.0	37.6





#37

Ethyl Acetate

Concen: 8.707 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

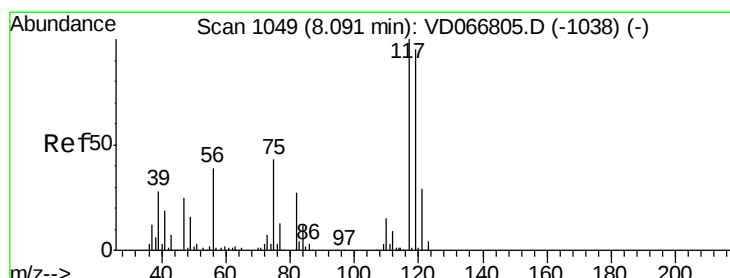
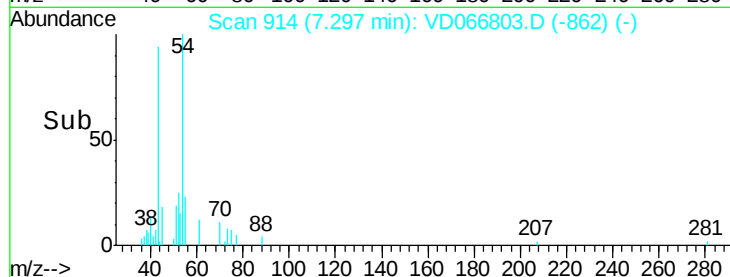
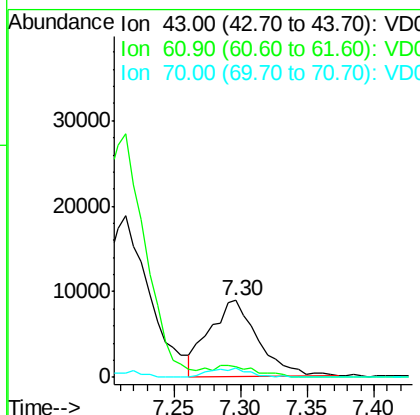
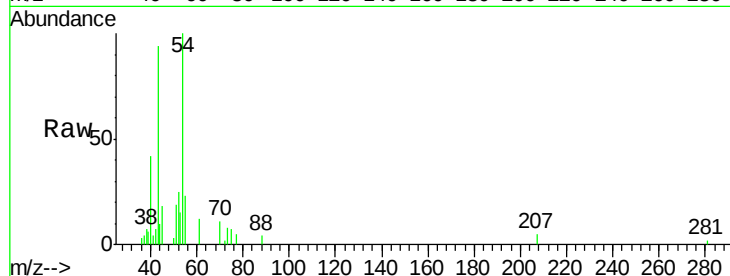
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	22436
Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.8	14.8
70	10.2	8.5	12.7

Manual Integrations
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9/23/2020 1:04:55 PM



#38

Carbon Tetrachloride

Concen: 10.628 ug/l

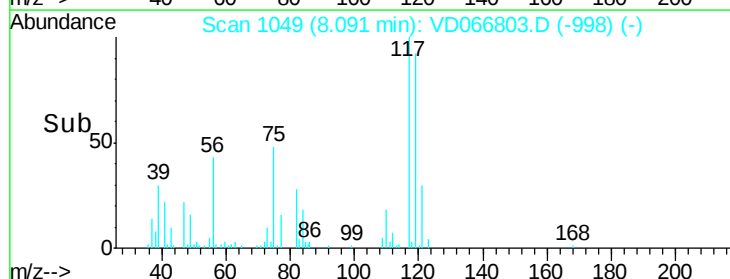
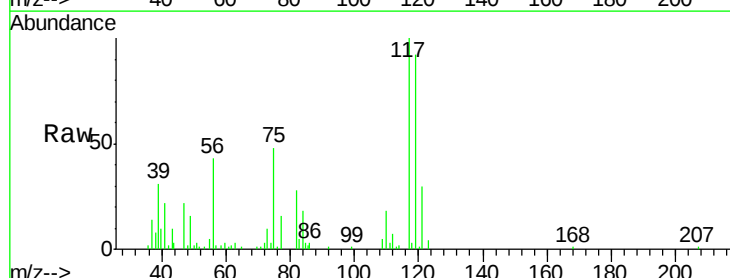
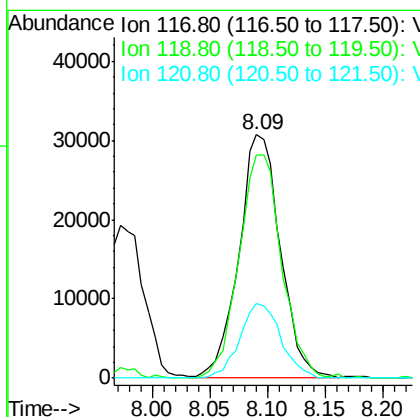
RT: 8.09 min Scan# 1049

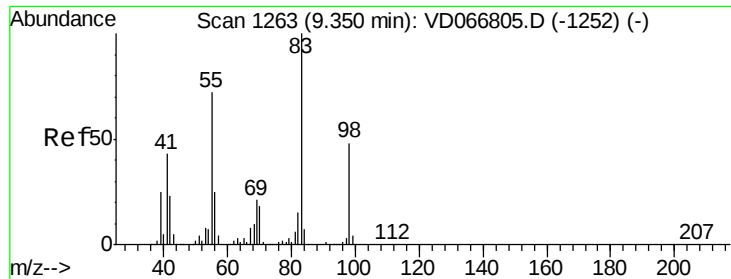
Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Tgt Ion:	117	Resp:	77082
Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.8	113.8
121	30.5	23.4	35.0





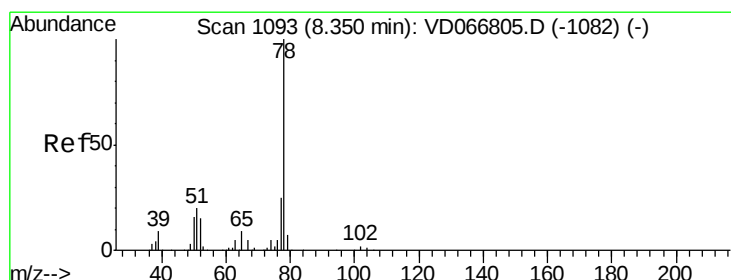
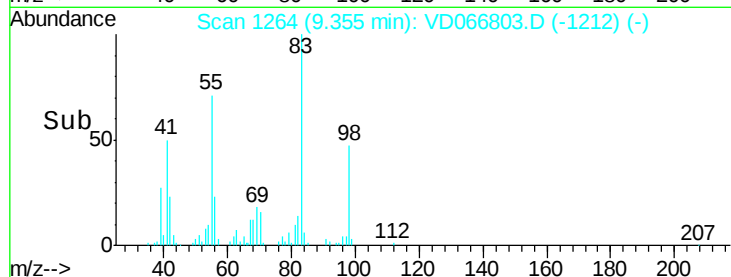
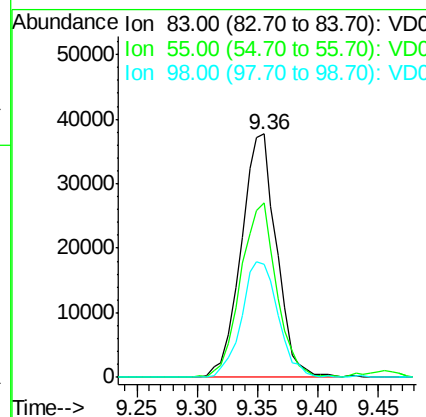
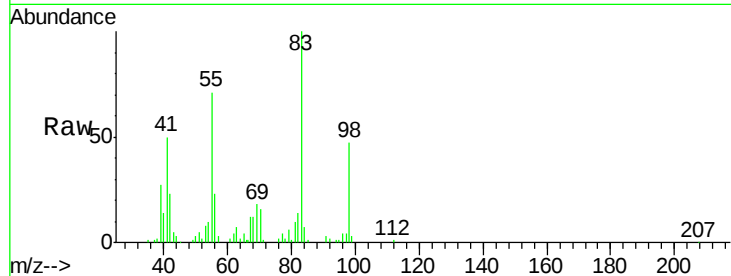
#39
Methylvlcyclohexane
Concen: 9.877 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	83	Resp	76950
Ion Ratio	100	Lower	Upper
83	100		
55	71.5	57.7	86.5
98	46.6	38.4	57.6

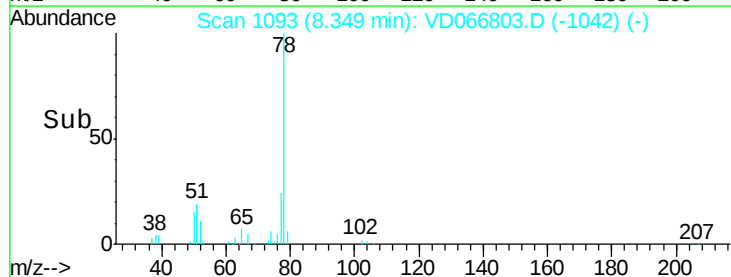
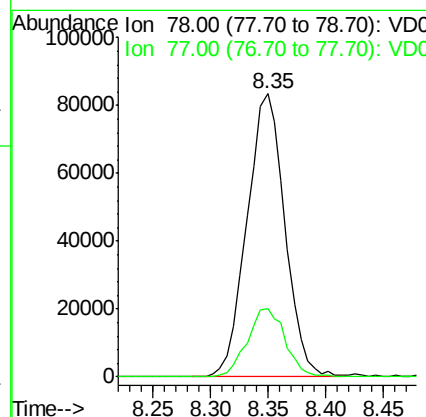
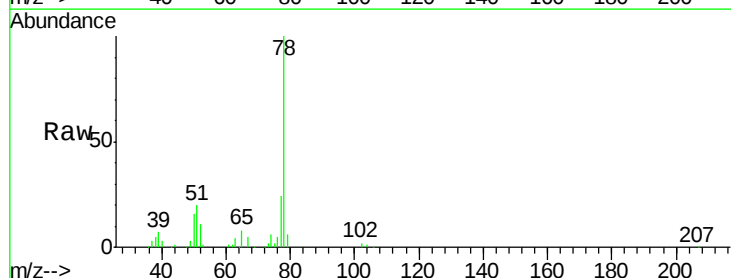
Manual Integrations
APPROVED

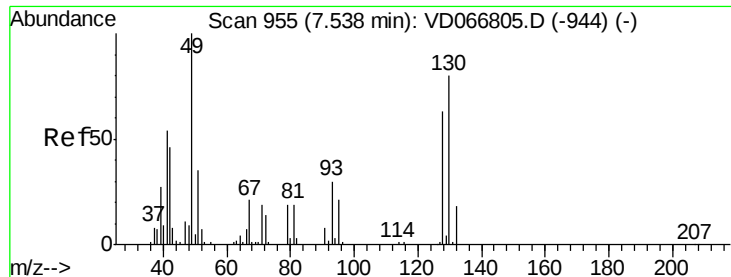
MMDadoda
9/23/2020 1:04:55 PM



#40
Benzene
Concen: 10.307 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion	78	Resp	190988
Ion Ratio	100	Lower	Upper
78	100		
77	24.3	19.9	29.9





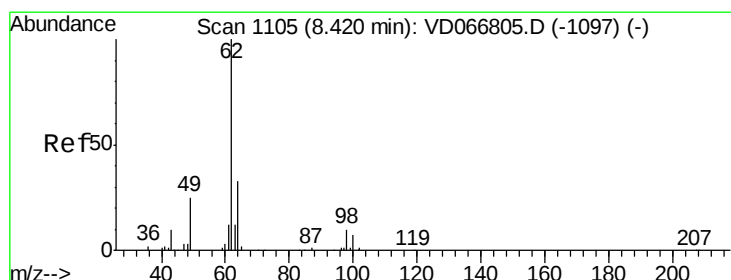
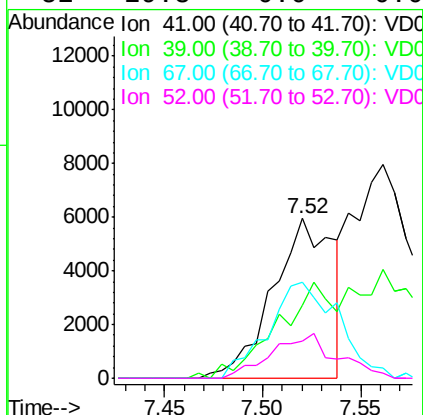
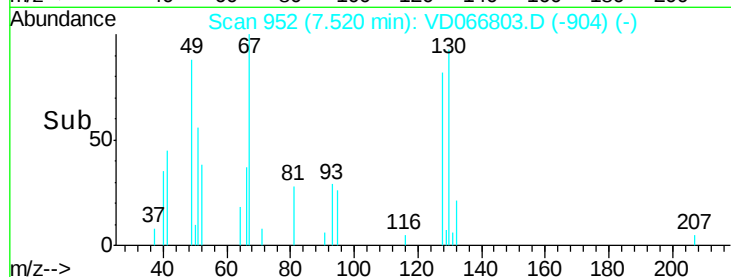
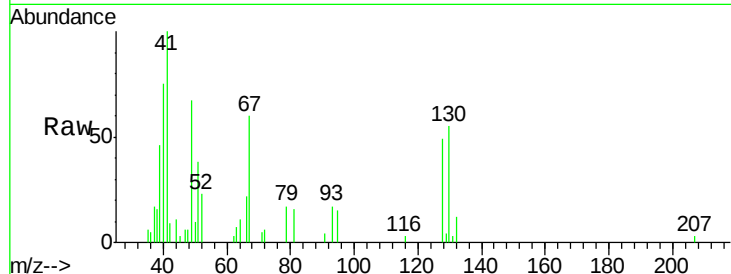
#41
Methacrylonitrile
Concen: 9.205 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	0.0	0.0#	
67	69.7	0.0	0.0#	
52	29.8	0.0	0.0#	

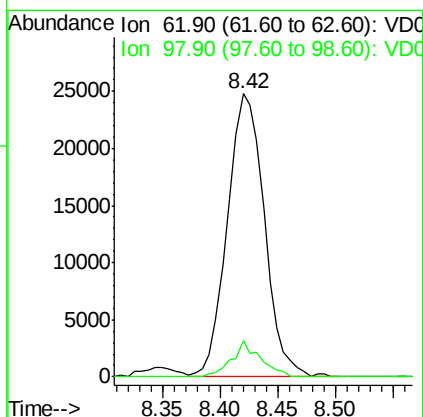
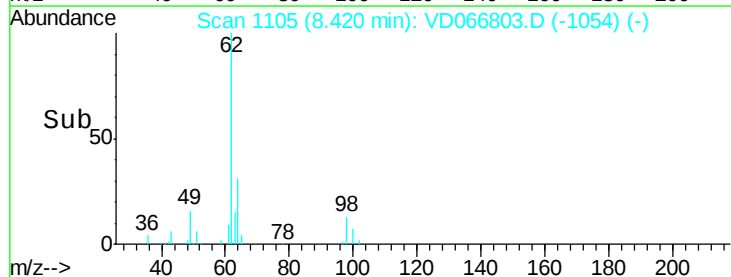
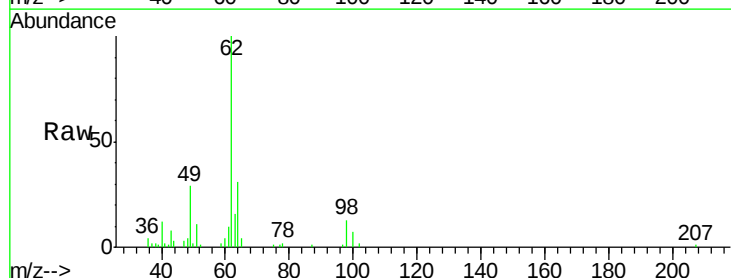
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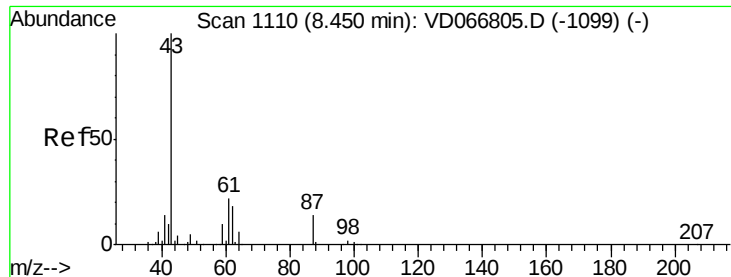
MMDadoda
9/23/2020 1:04:55 PM



#42
1,2-Dichloroethane
Concen: 9.712 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	19.8	





#43

Isopropyl Acetate

Concen: 8.890 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

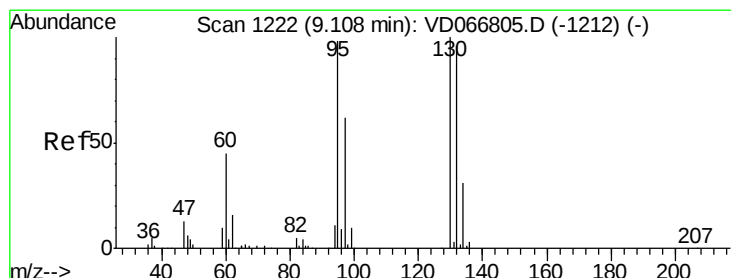
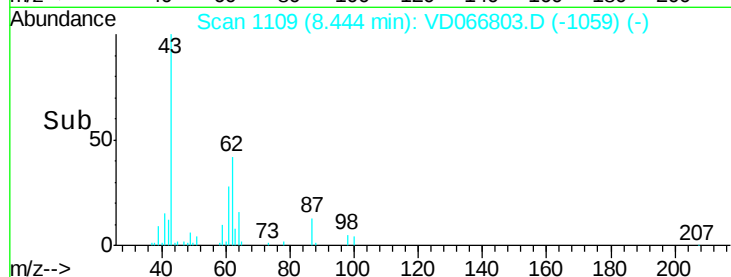
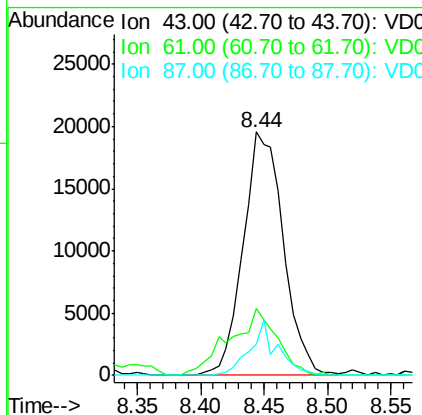
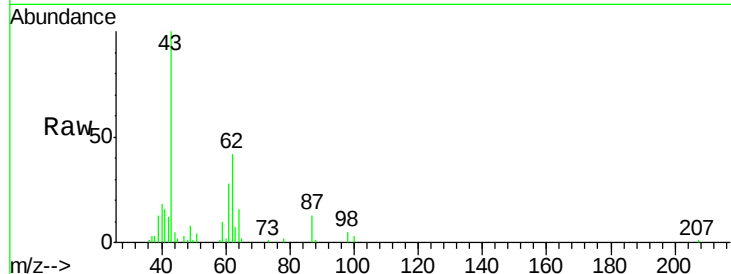
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	43213
Ion	Ratio	Lower	Upper
43	100		
61	32.1	26.2	39.4
87	15.3	11.5	17.3

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#44

Trichloroethene

Concen: 11.049 ug/l

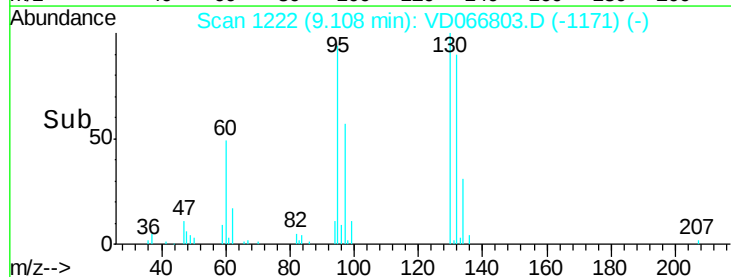
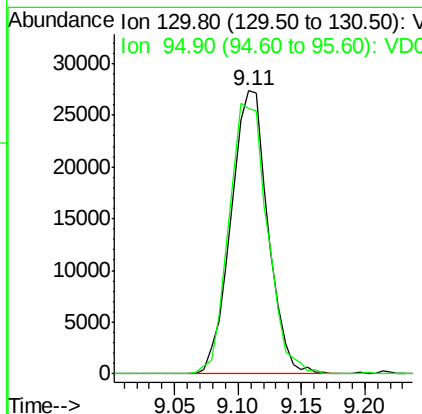
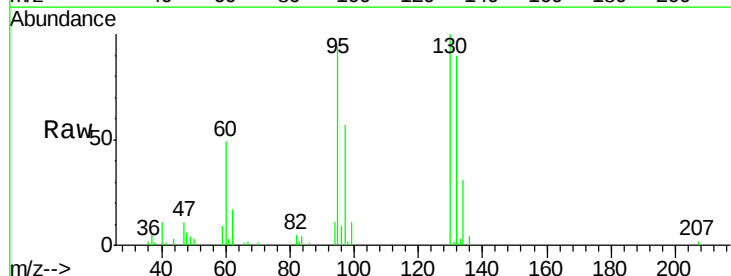
RT: 9.11 min Scan# 1222

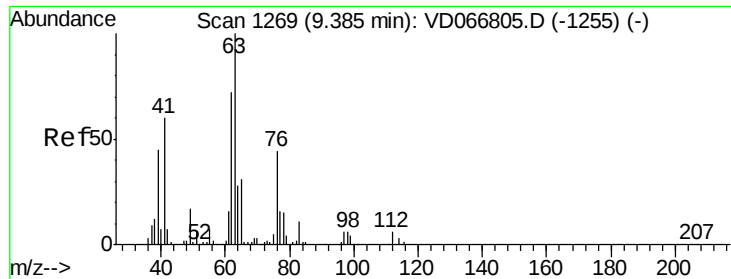
Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Tgt Ion:	130	Resp:	55184
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	197.0





#45

1,2-Dichloropropane

Concen: 10.496 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 48284

Ion Ratio Lower Upper

63 100

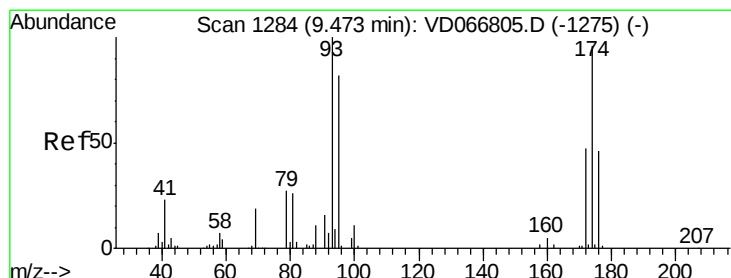
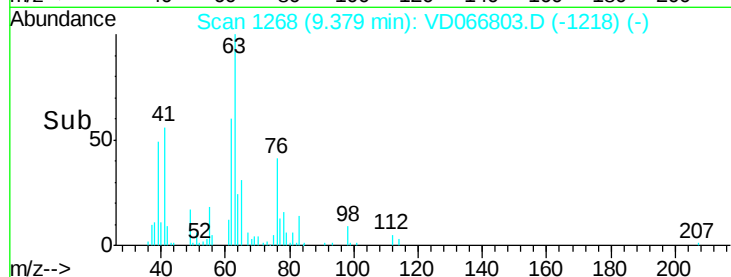
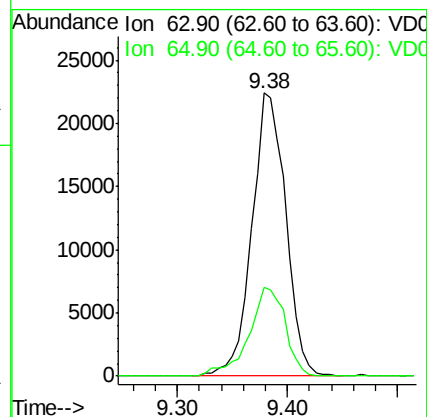
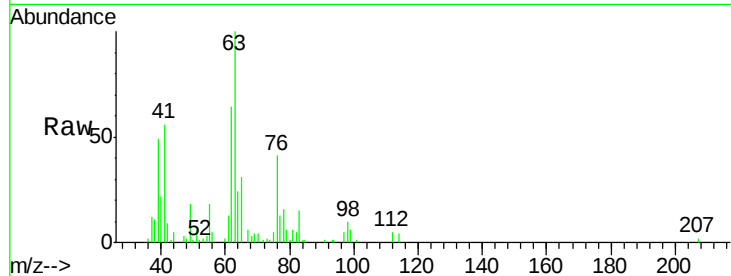
65 31.4 24.7 37.1

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#46

Dibromomethane

Concen: 9.919 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

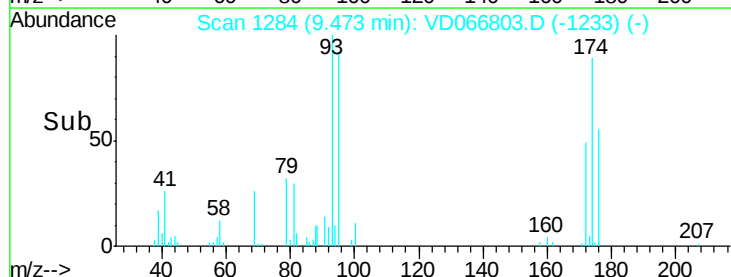
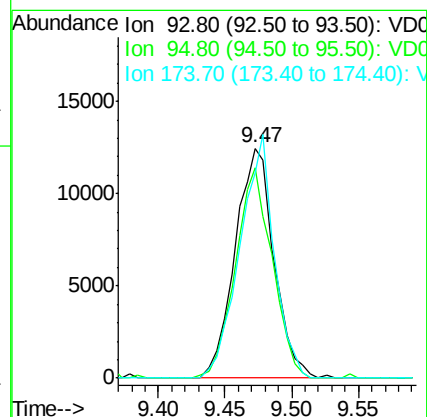
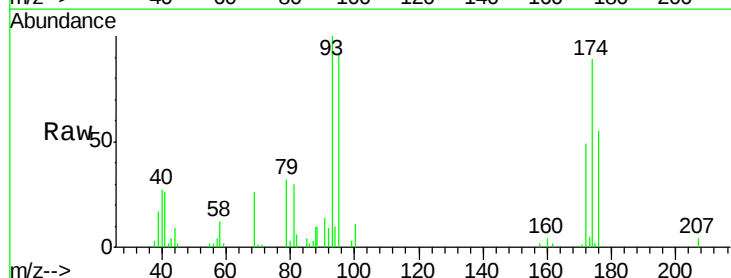
Tgt Ion: 93 Resp: 25130

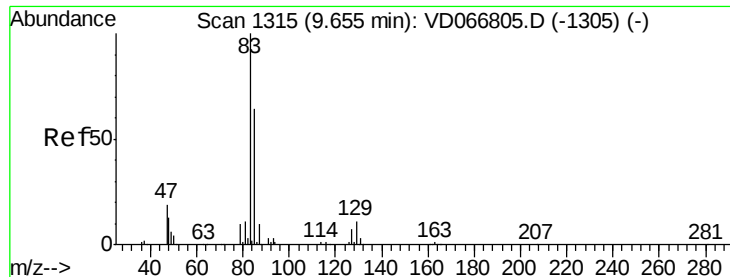
Ion Ratio Lower Upper

93 100

95 86.9 65.3 97.9

174 92.9 75.4 113.2





#47

Bromodichloromethane

Concen: 10.245 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

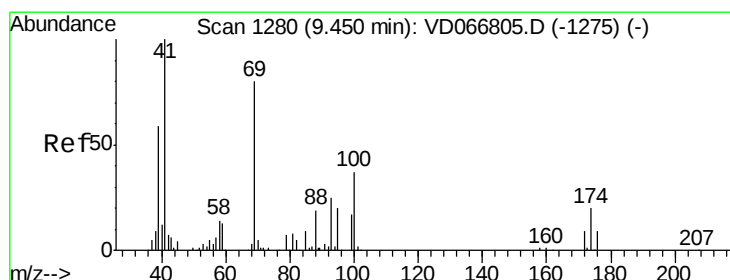
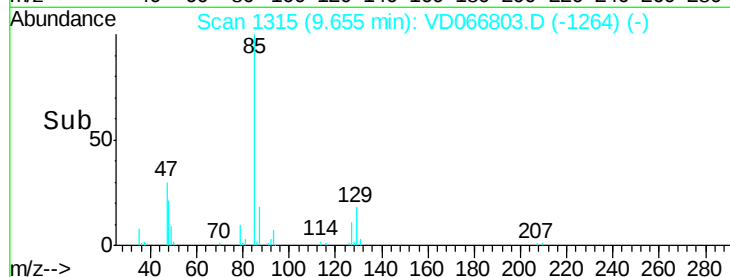
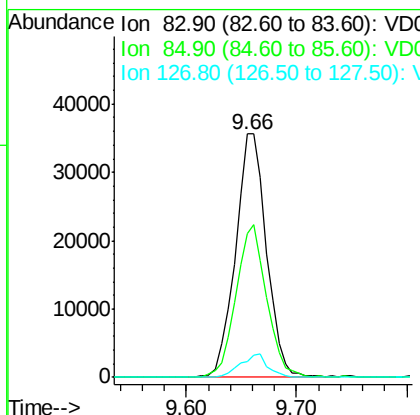
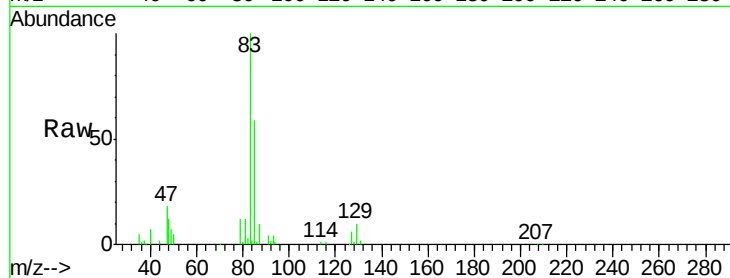
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	70172
Ion	Ratio	Lower	Upper
83	100		
85	58.9	50.9	76.3
127	6.4	5.9	8.9

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#48

Methyl methacrylate

Concen: 7.973 ug/l

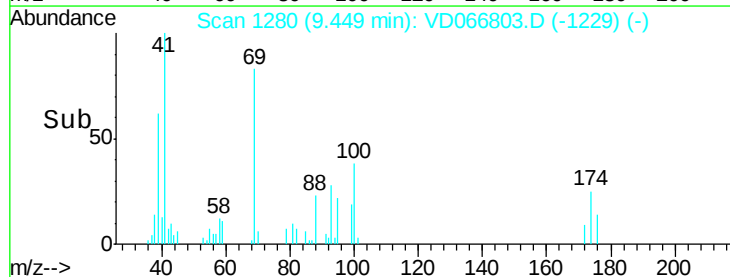
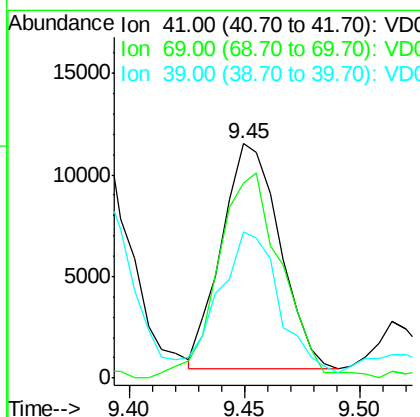
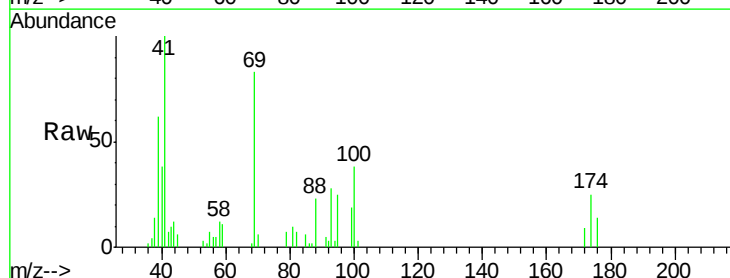
RT: 9.45 min Scan# 1280

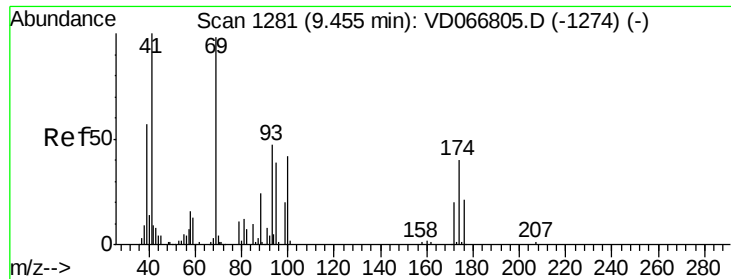
Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Tgt Ion:	41	Resp:	19395
Ion	Ratio	Lower	Upper
41	100		
69	99.5	74.5	111.7
39	64.5	47.0	70.6





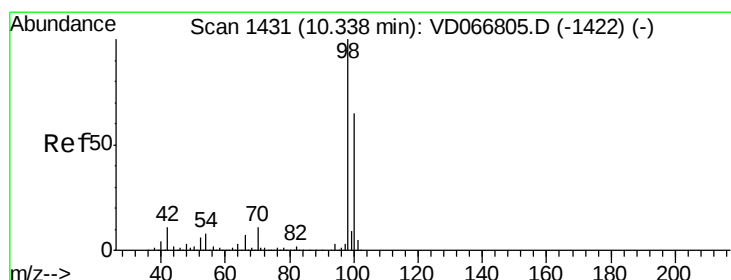
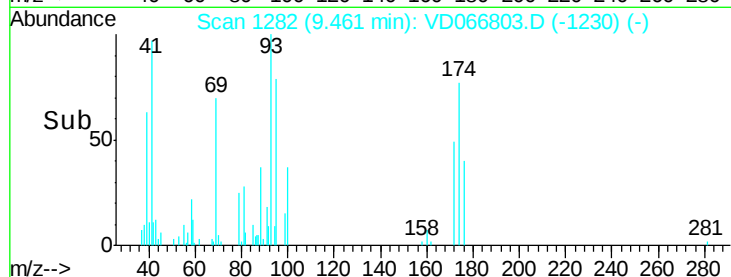
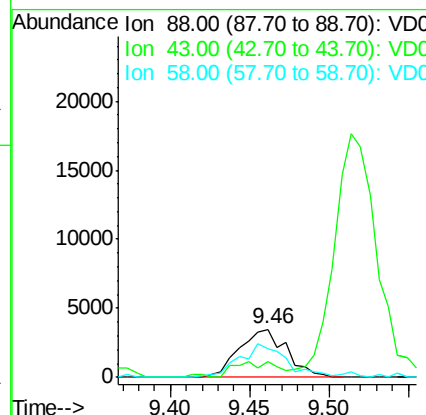
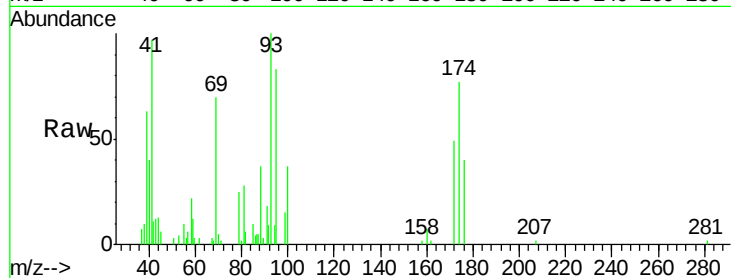
#49
1,4-Dioxane
Concen: 267.629 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	27.7	41.5
58	69.6	55.5	83.3

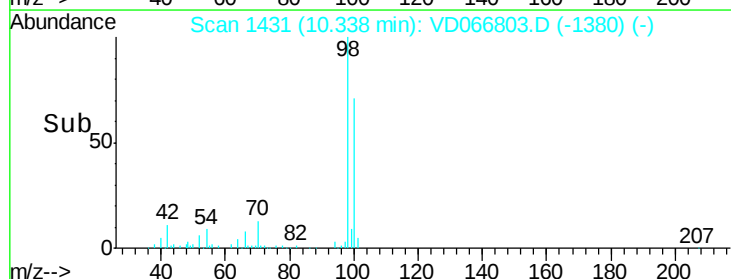
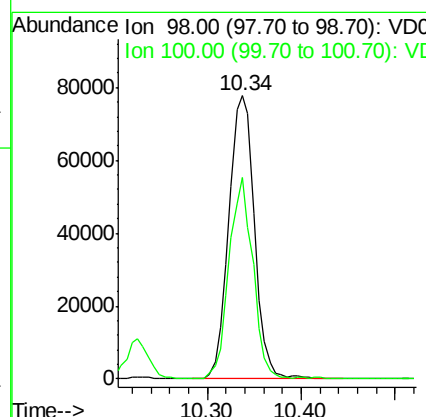
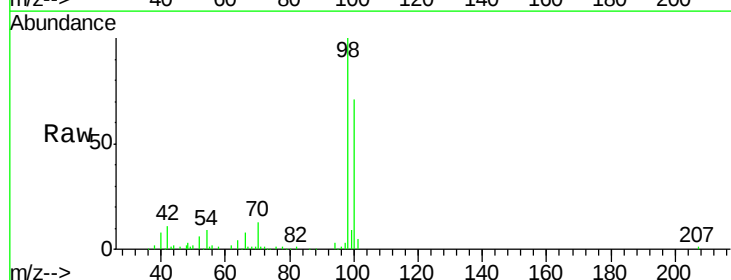
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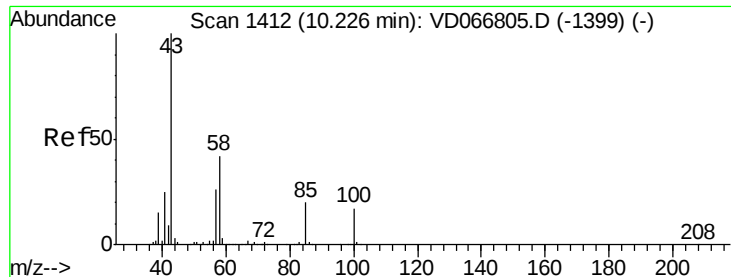
MMDadoda
9/23/2020 1:04:55 PM



#50
Toluene-d8
Concen: 10.196 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 43.323 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 108335

Ion Ratio Lower Upper

43 100

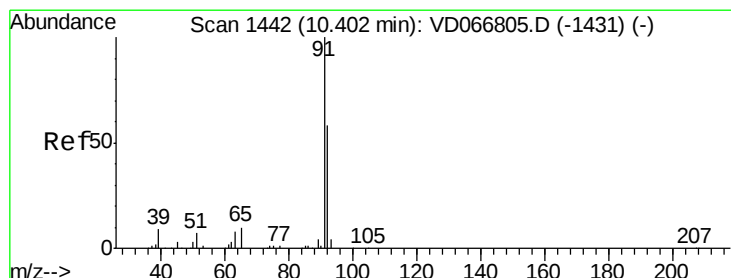
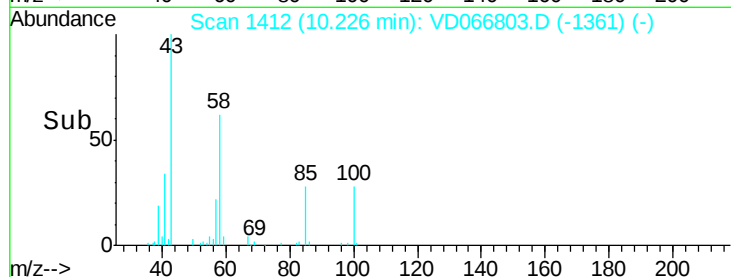
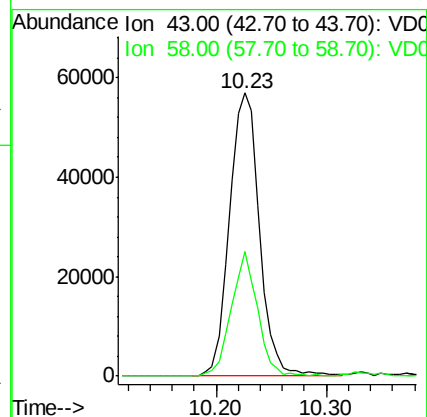
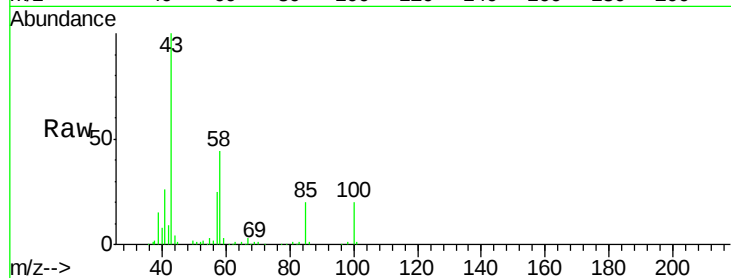
58 38.7 32.2 48.4

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#52

Toluene

Concen: 10.071 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066803.D

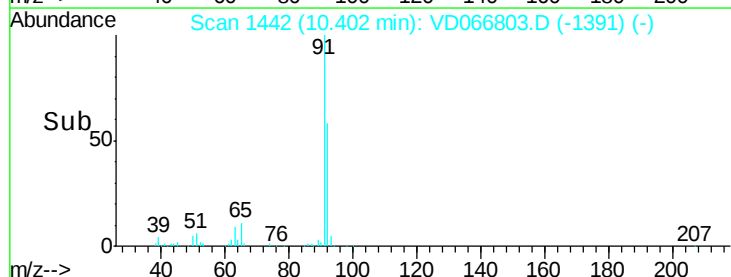
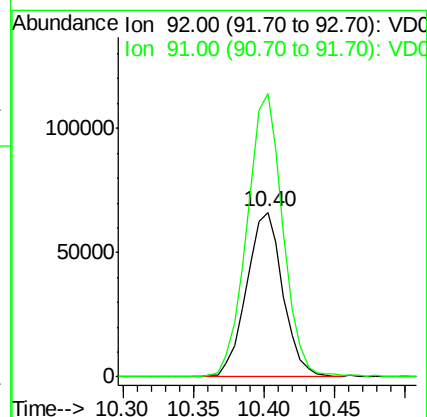
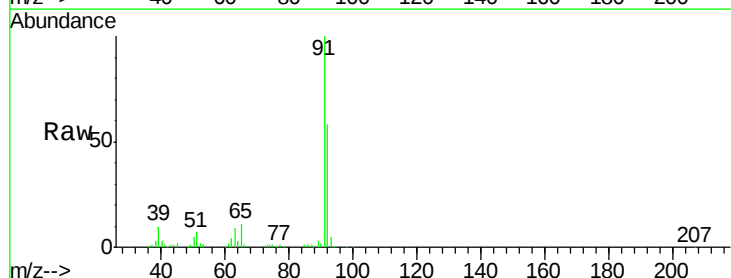
Acq: 22 Sep 2020 11:16

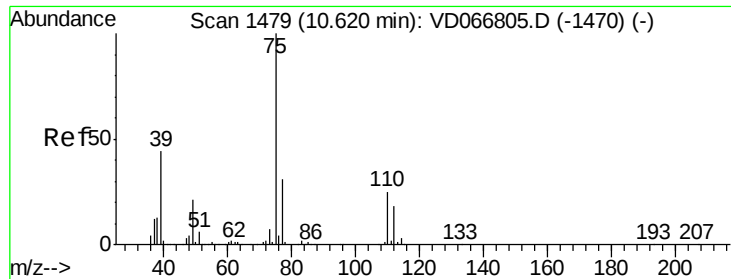
Tgt Ion: 92 Resp: 119587

Ion Ratio Lower Upper

92 100

91 169.5 134.6 202.0





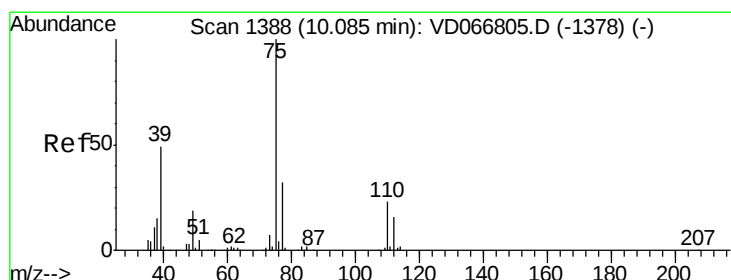
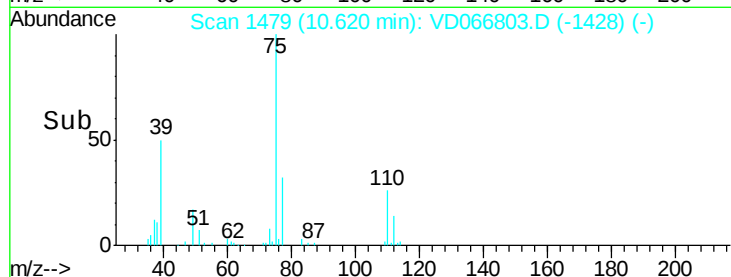
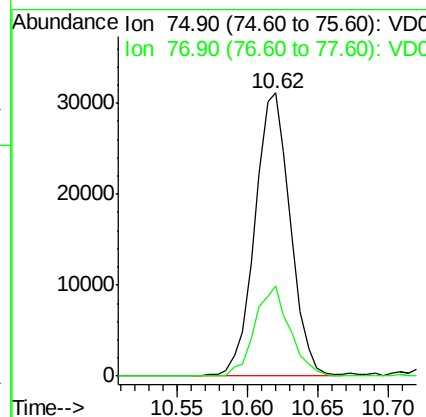
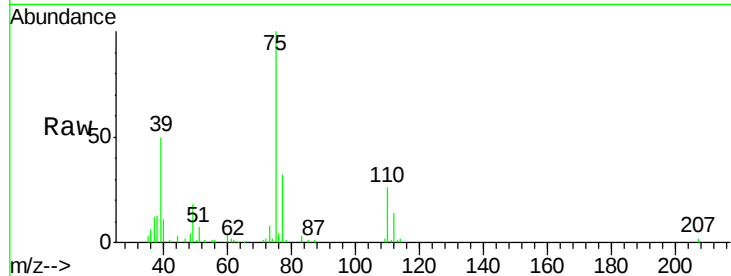
#53
t-1,3-Dichloropropene
Concen: 9.014 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 75 Resp: 54967
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7

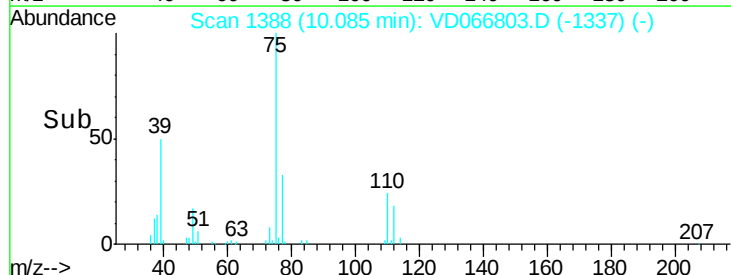
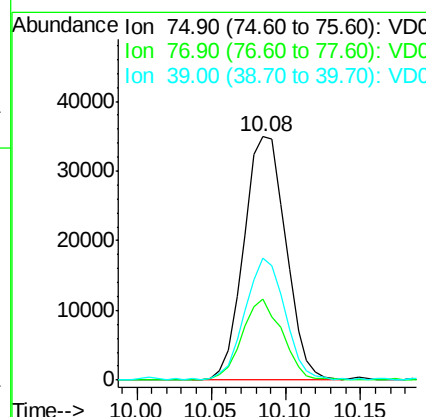
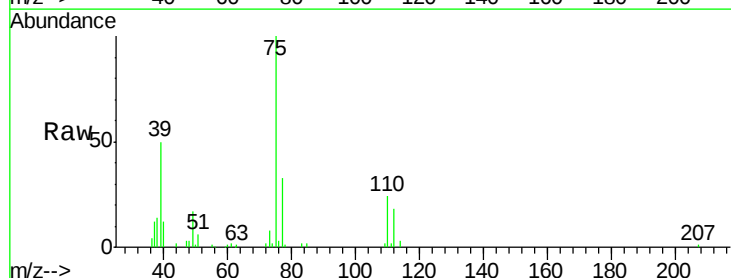
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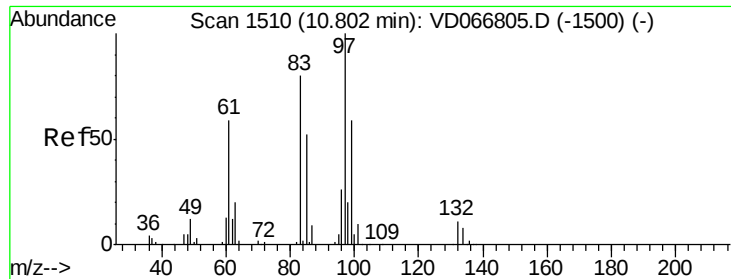
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9/23/2020 1:04:55 PM



#54
cis-1,3-Dichloropropene
Concen: 9.442 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion: 75 Resp: 68393
Ion Ratio Lower Upper
75 100
77 33.4 25.6 38.4
39 49.7 39.2 58.8





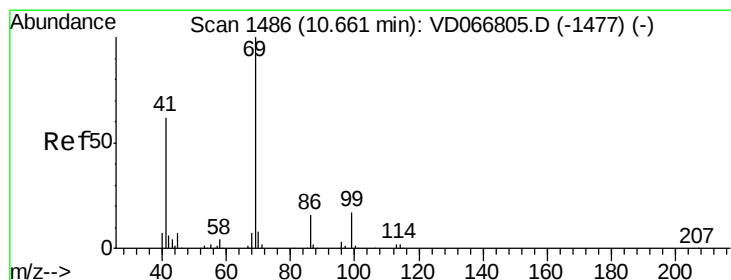
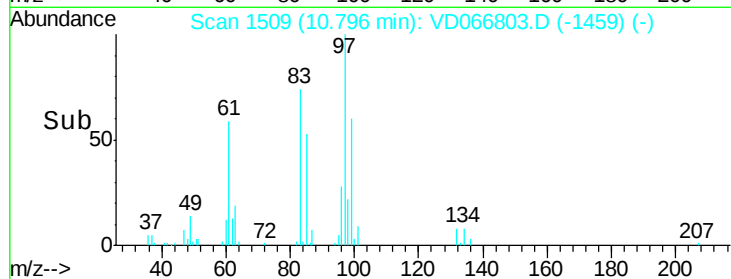
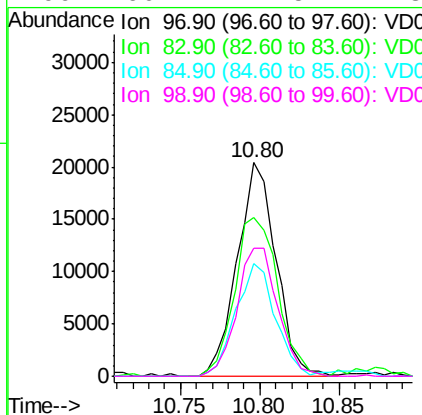
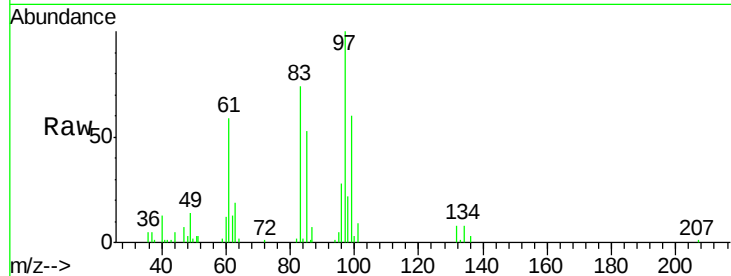
#55
 1,1,2-Trichloroethane
 Concen: 10.347 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	34730
Ion	Ratio	Lower	Upper
97	100		
83	74.4	64.2	96.2
85	52.9	41.9	62.9
99	60.2	47.5	71.3

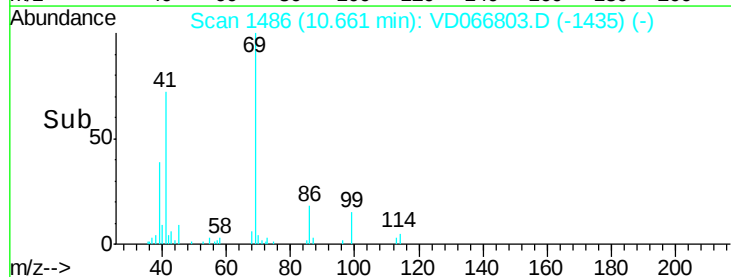
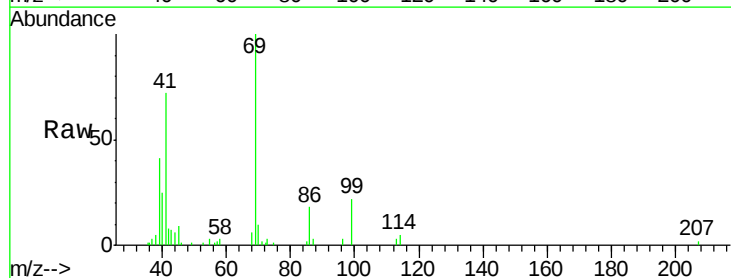
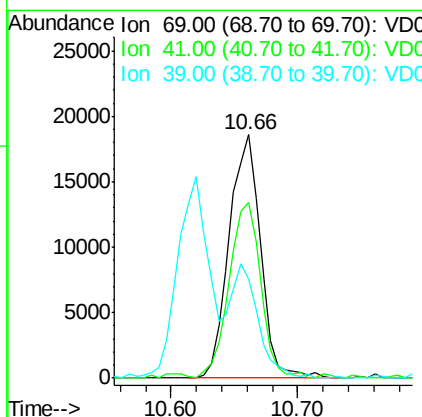
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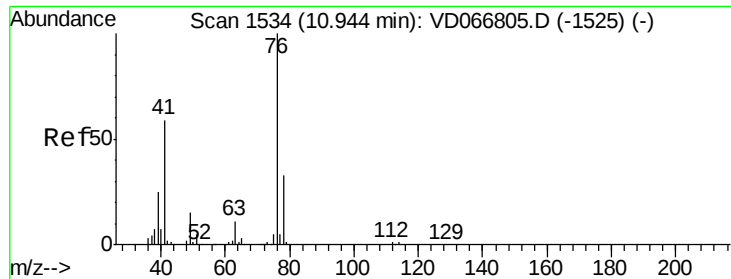
MMDadoda
 9/23/2020 1:04:55 PM



#56
 Ethyl methacrylate
 Concen: 8.466 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Tgt Ion:	69	Resp:	31829
Ion	Ratio	Lower	Upper
69	100		
41	72.5	52.2	78.2
39	38.1	26.6	40.0





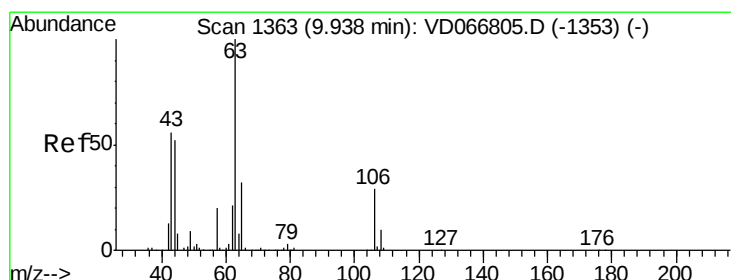
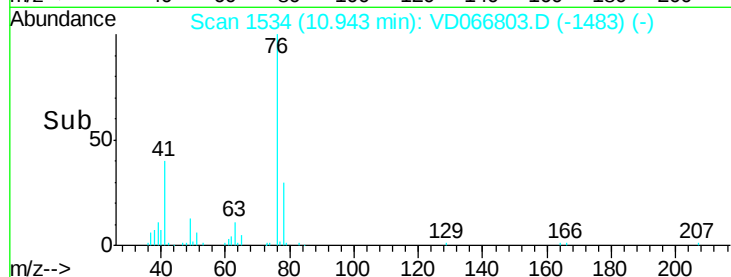
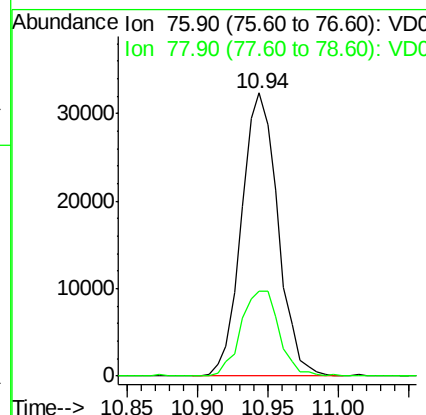
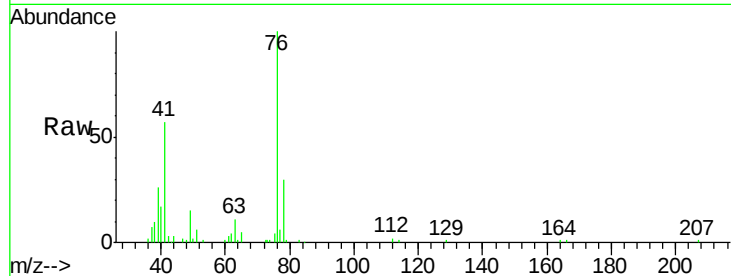
#57
 1,3-Dichloropropane
 Concen: 10.042 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	26.3	39.5

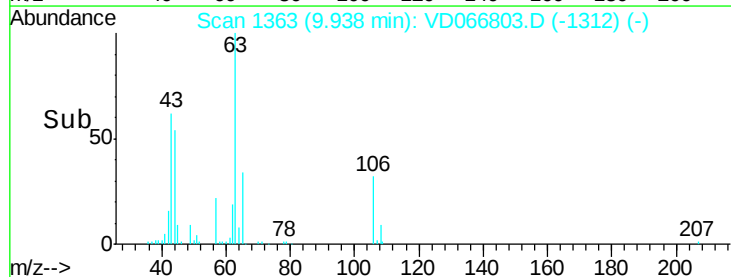
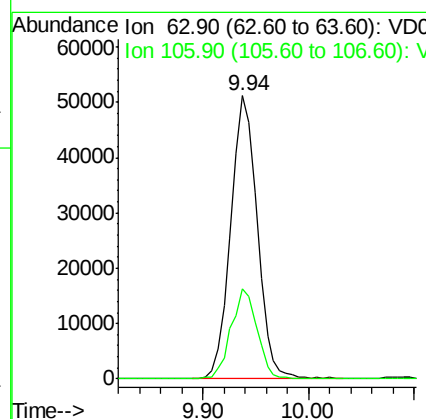
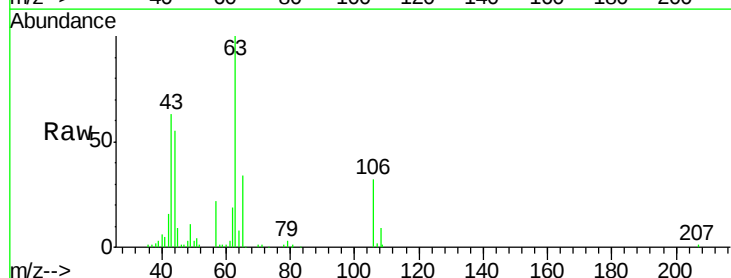
Manual Integrations
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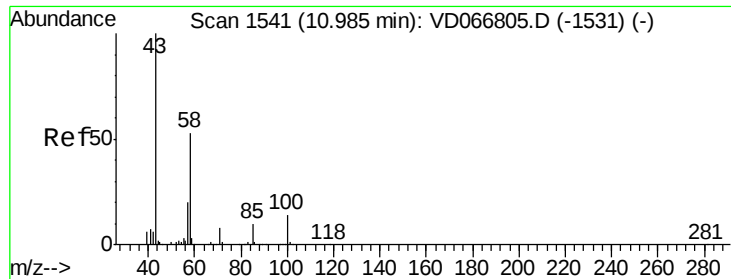
MMDadoda
 9/23/2020 1:04:55 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 53.074 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.0	23.8	35.6





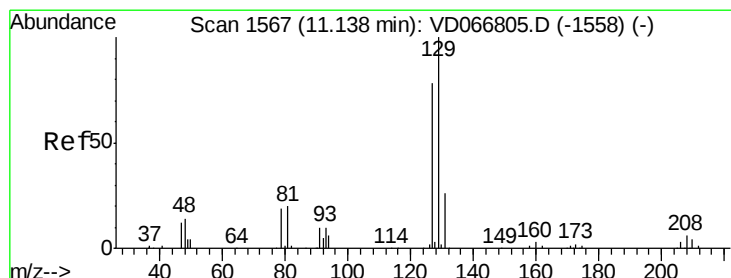
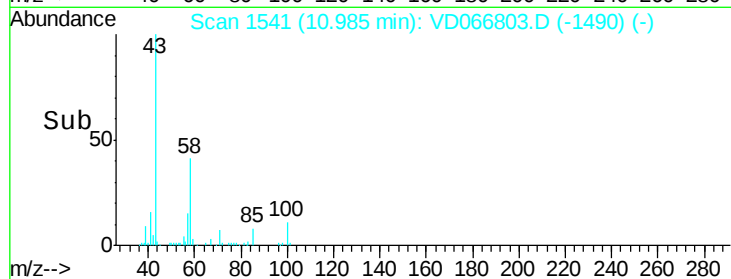
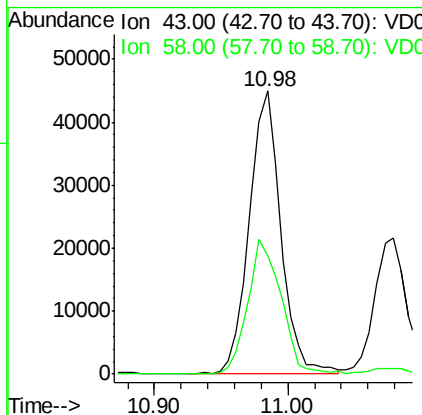
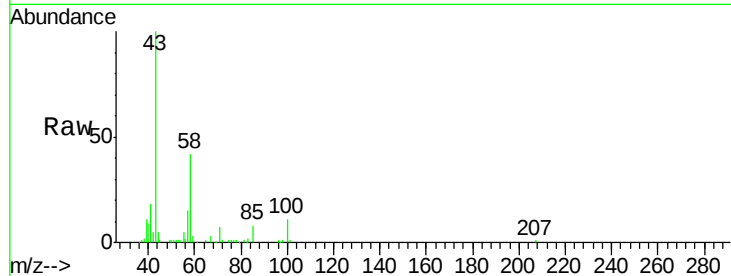
#59
2-Hexanone
Concen: 43.610 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 73284
Ion Ratio Lower Upper
43 100
58 50.2 27.0 80.8

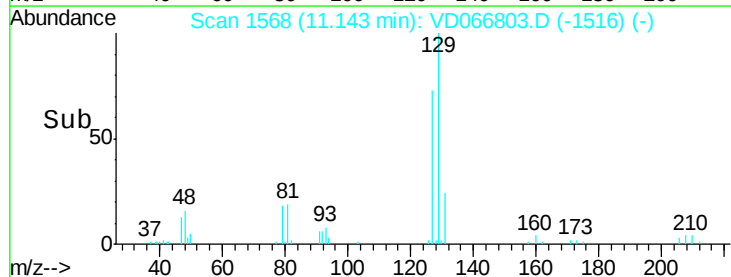
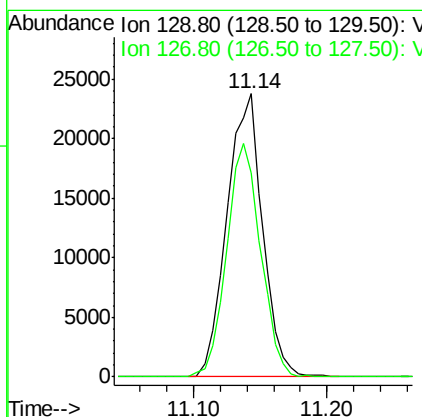
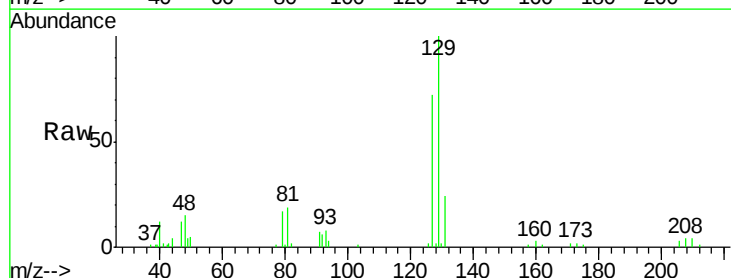
Manual Integrations
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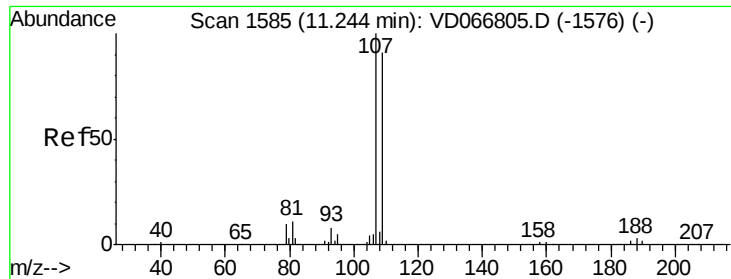
MMDadoda
9/23/2020 1:04:55 PM



#60
Dibromochloromethane
Concen: 10.177 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion: 129 Resp: 44241
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





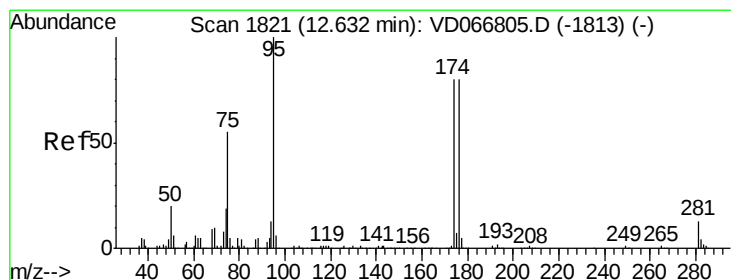
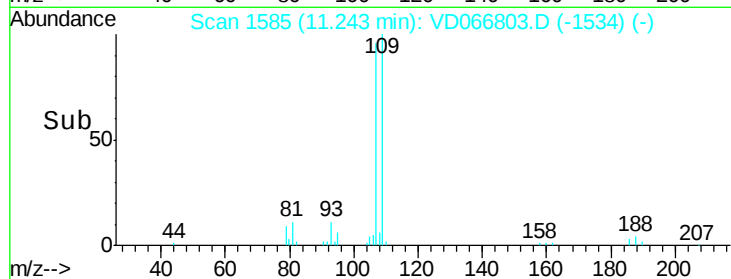
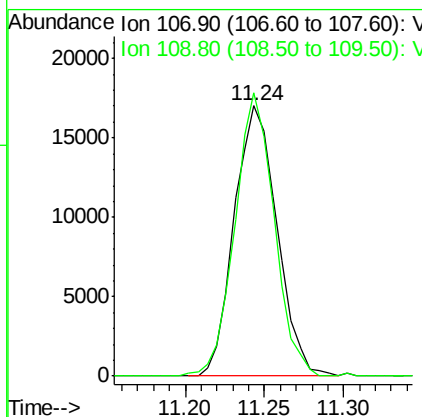
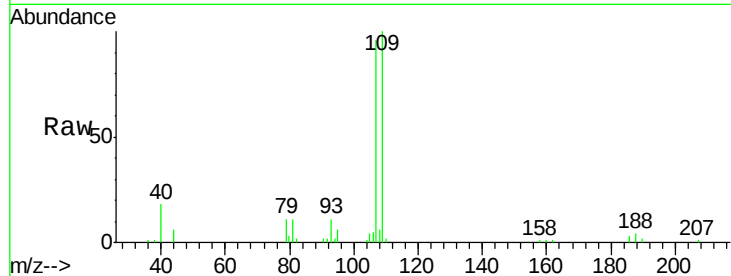
#61
 1,2-Dibromoethane
 Concen: 9.972 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion: 107 Resp: 31930
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.0 112.4

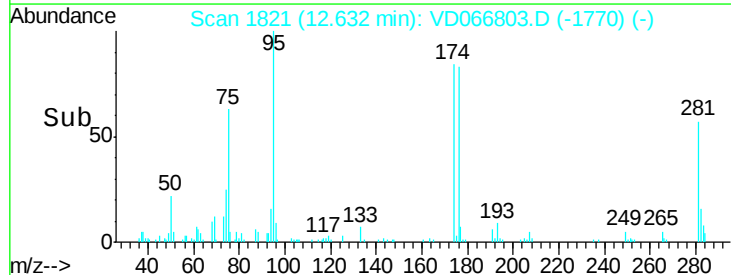
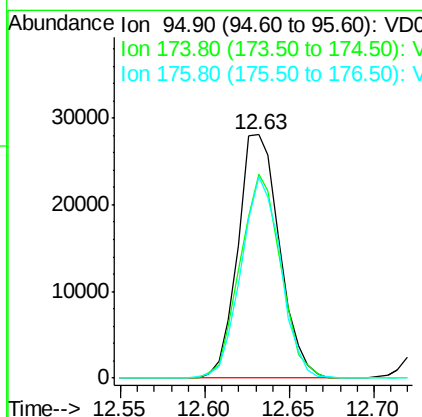
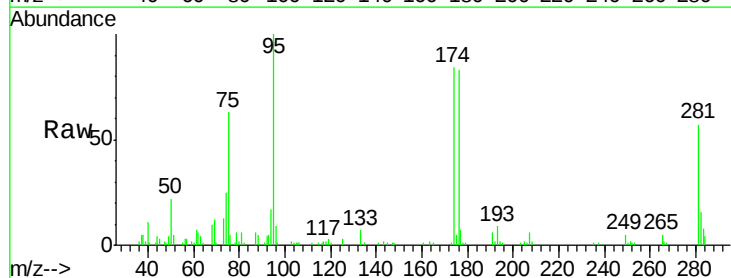
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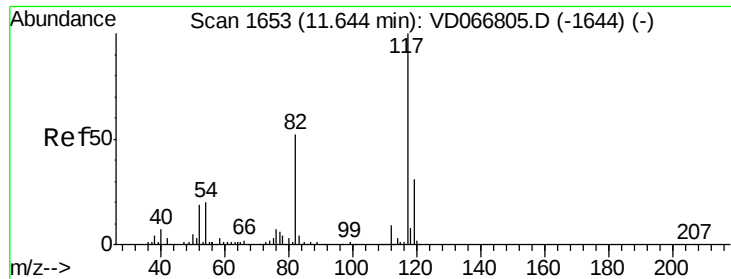
MMDadoda
 9/23/2020 1:04:55 PM



#62
 4-Bromofluorobenzene
 Concen: 9.606 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Tgt Ion: 95 Resp: 48093
 Ion Ratio Lower Upper
 95 100
 174 82.2 0.0 159.8
 176 78.8 0.0 154.4





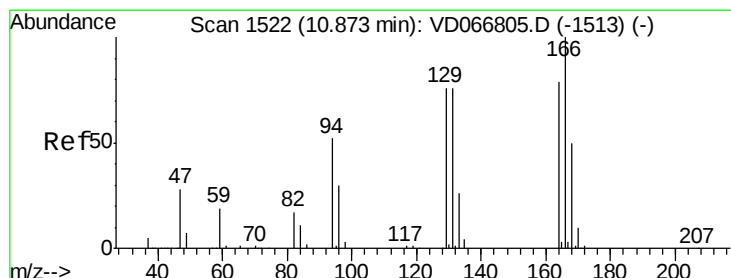
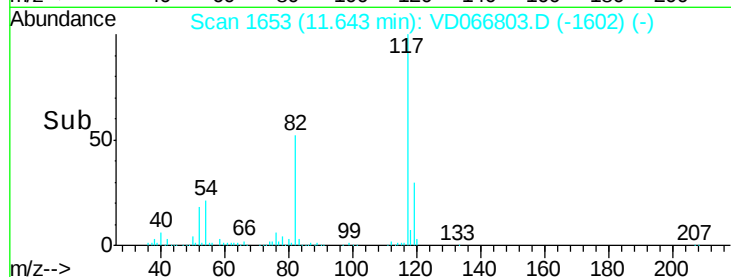
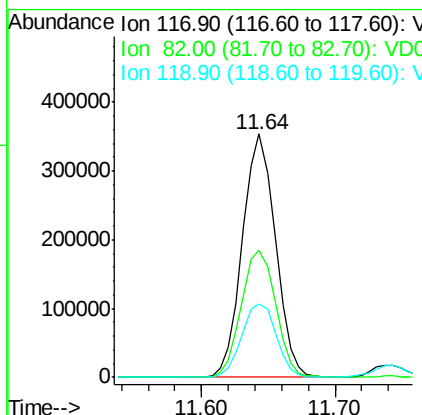
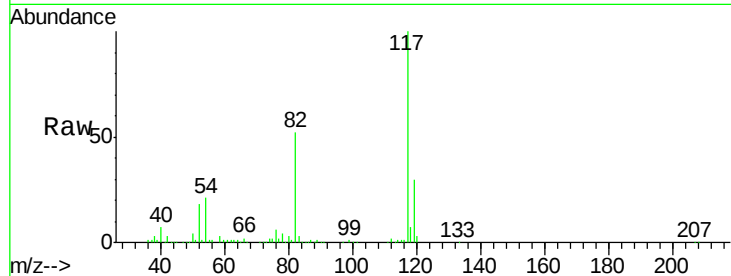
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.8	62.6
119	30.0	24.6	37.0

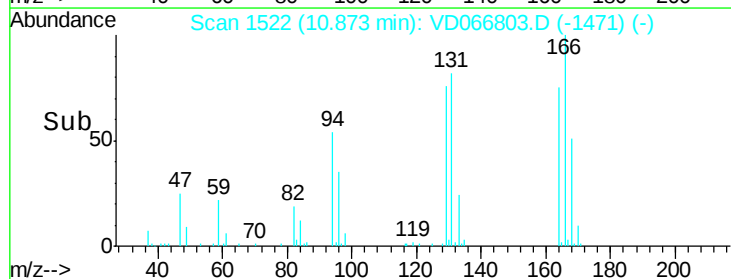
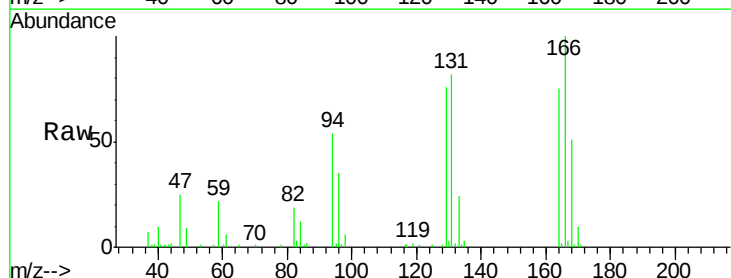
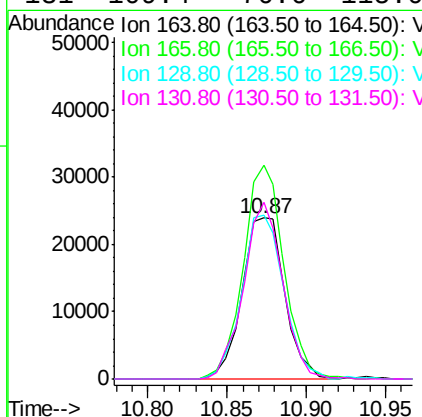
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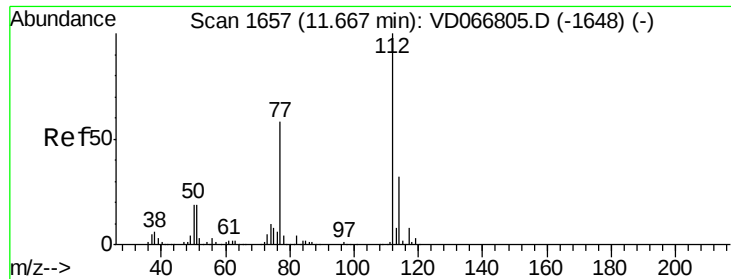
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#64
Tetrachloroethene
Concen: 10.770 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.7	101.1	151.7
129	101.5	77.0	115.4
131	109.4	76.6	115.0





#65

Chlorobenzene

Concen: 10.415 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:112 Resp: 130516

Ion Ratio Lower Upper

112 100

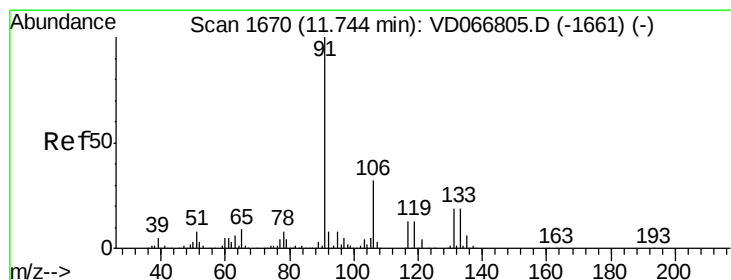
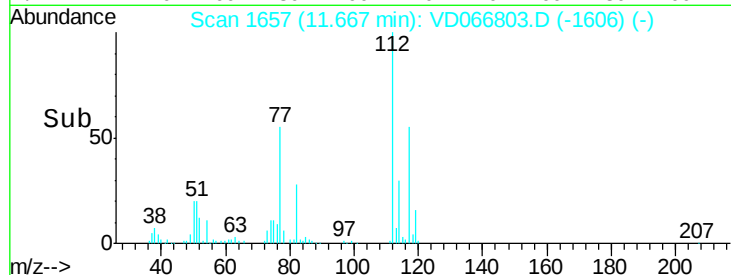
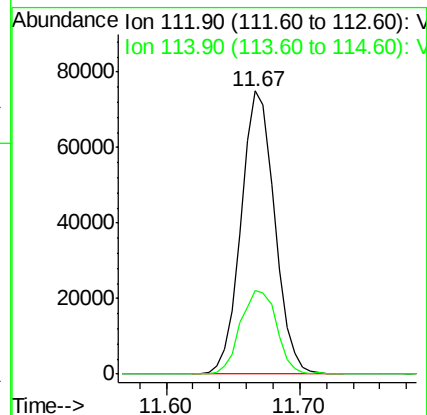
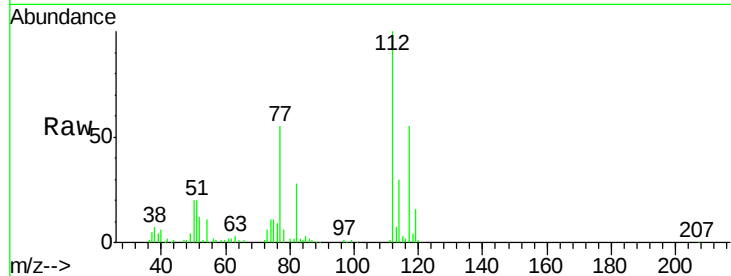
114 29.6 25.4 38.2

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 10.388 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

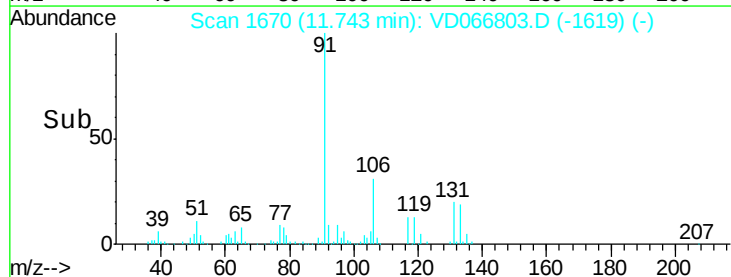
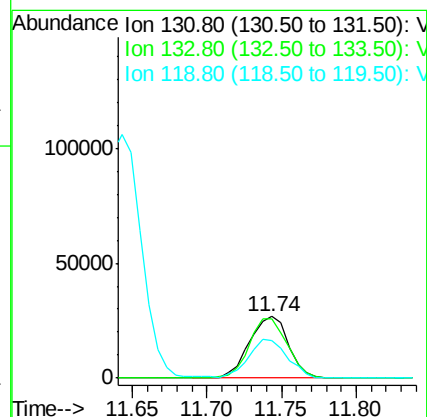
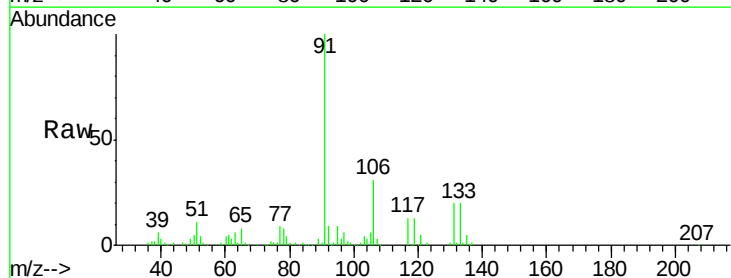
Tgt Ion:131 Resp: 48443

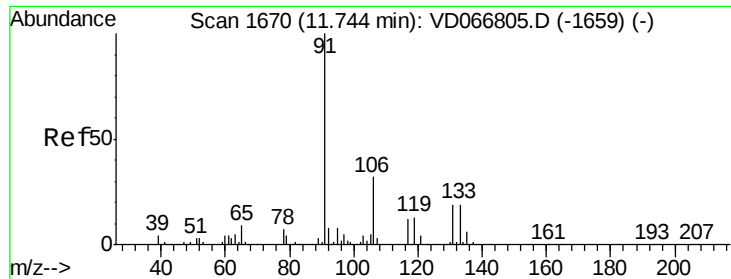
Ion Ratio Lower Upper

131 100

133 94.9 46.7 140.1

119 62.8 32.3 96.9





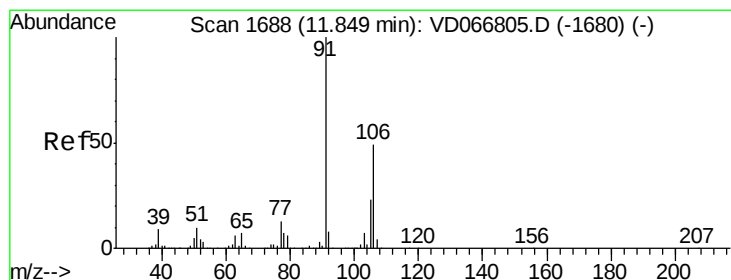
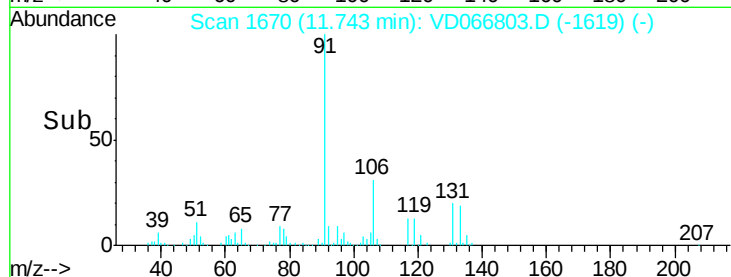
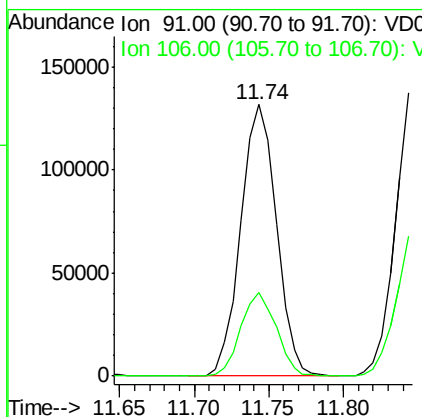
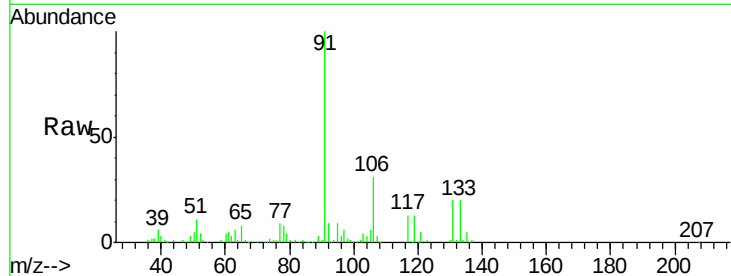
#67
Ethyl Benzene
Concen: 9.664 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 218740
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4

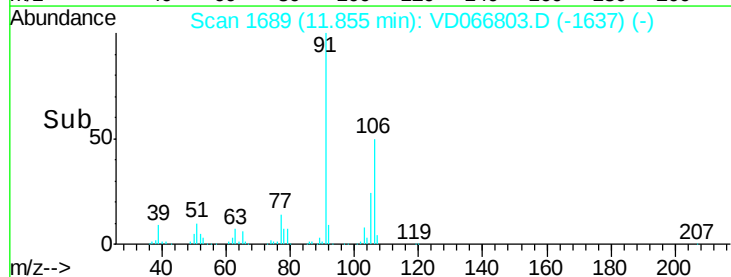
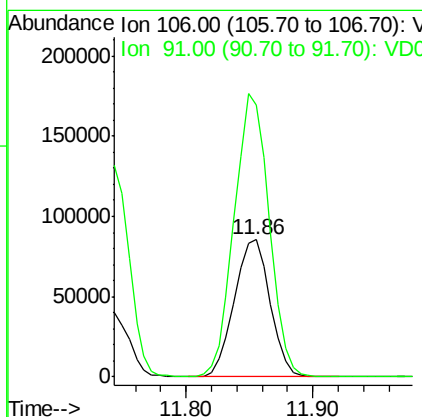
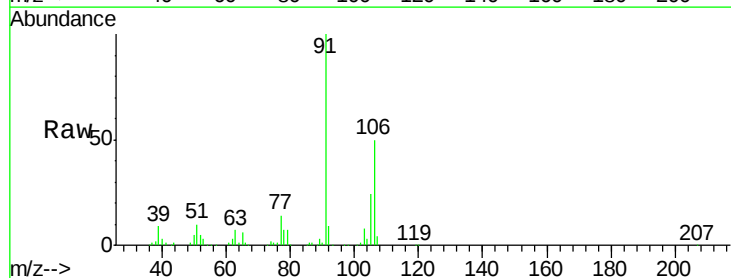
Manual Integrations
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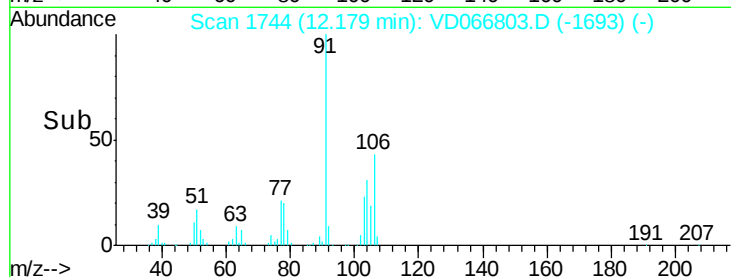
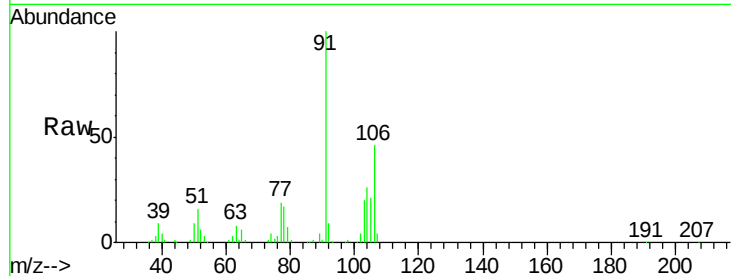
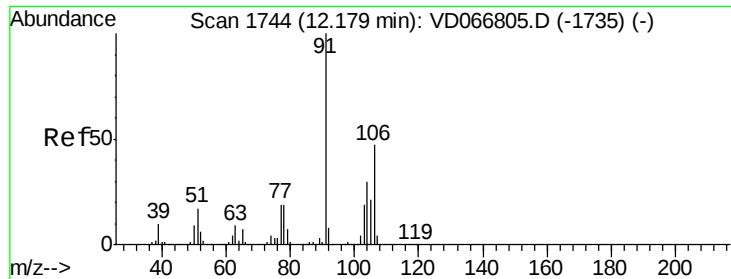
MMDadoda
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#68
m/p-Xylenes
Concen: 19.479 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion: 106 Resp: 167081
Ion Ratio Lower Upper
106 100
91 201.7 160.7 241.1





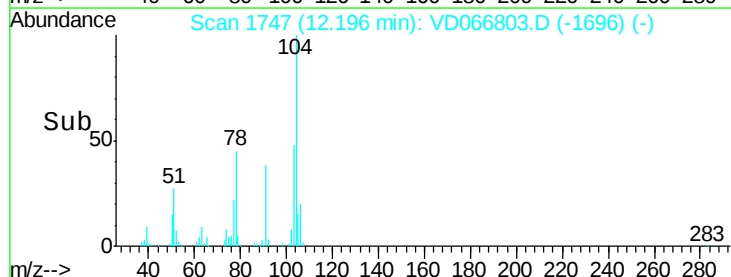
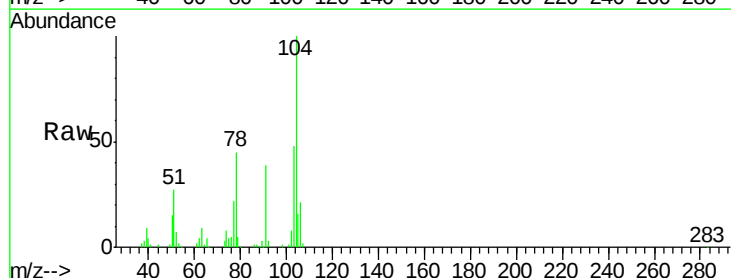
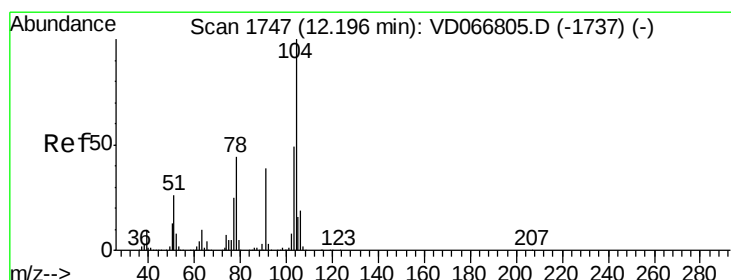
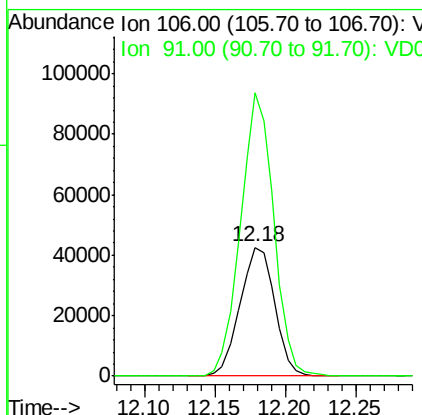
#69
o-Xylene
Concen: 9.678 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tot Ion:106 Resp: 73582
Ion Ratio Lower Upper
106 100
91 209.4 106.3 318.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

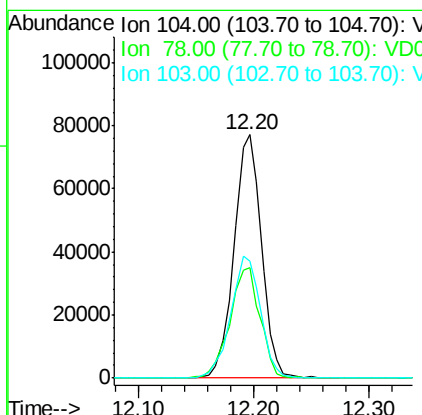
Manual Integrations
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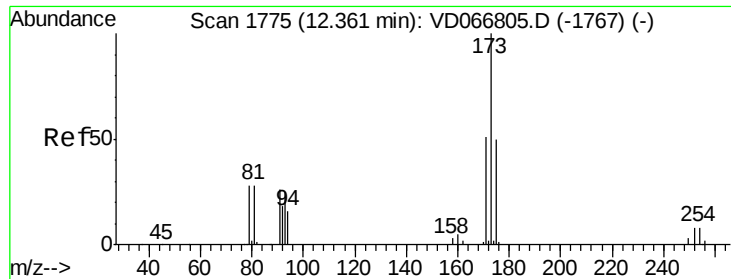
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#70
Styrene
Concen: 9.494 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion:104 Resp: 126734
Ion Ratio Lower Upper
104 100
78 50.1 38.9 58.3
103 54.3 43.2 64.8





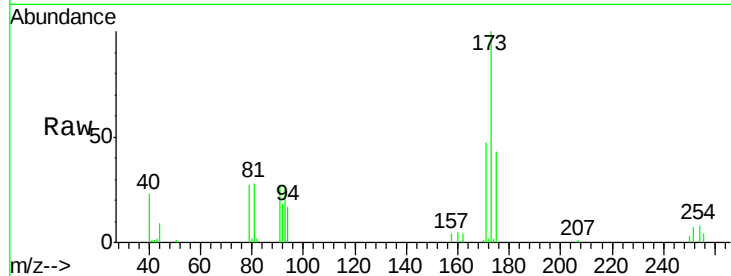
#71
Bromoform
Concen: 10.642 ug/l
RT: 12.36 min Scan# 1774
Delta R.T. -0.01 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

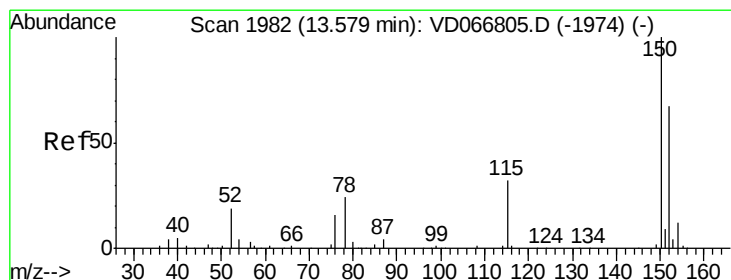
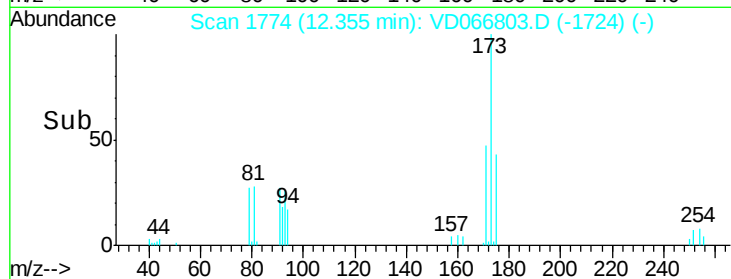
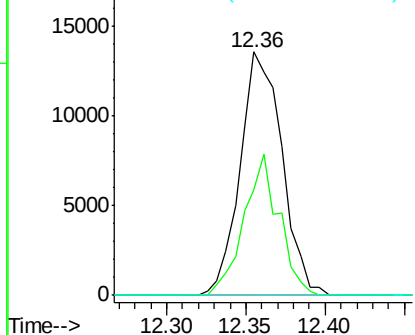
Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100		24986		
175	48.3	24.9	74.6		
254	0.0	0.1	0.1#		

Manual Integrations
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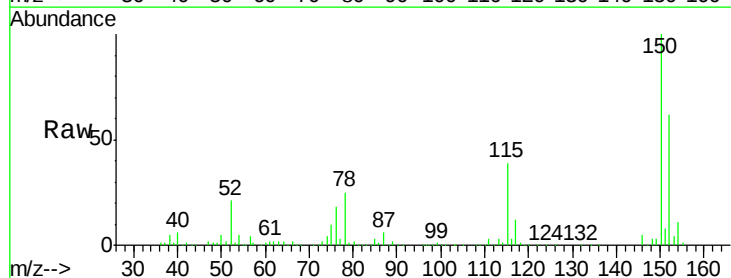


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

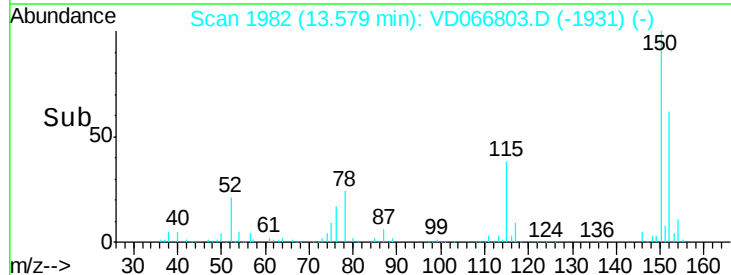
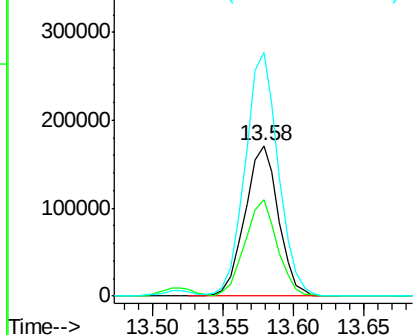


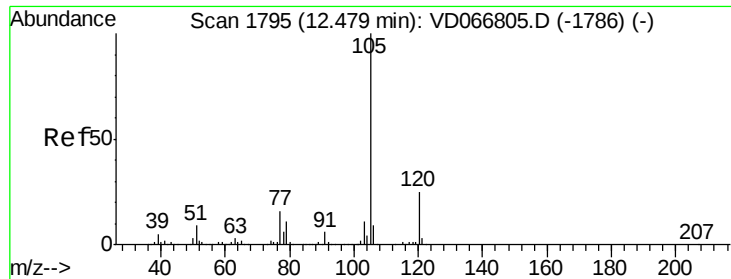
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		282784		
115	62.1	30.3	91.0		
150	160.9	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





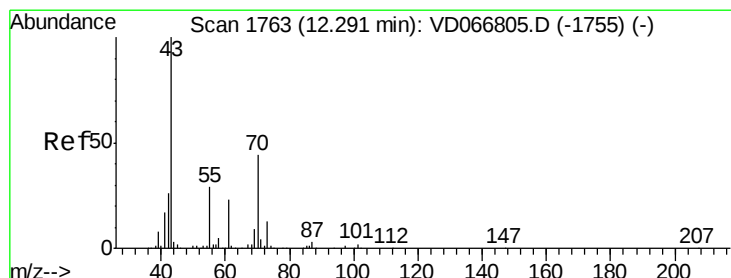
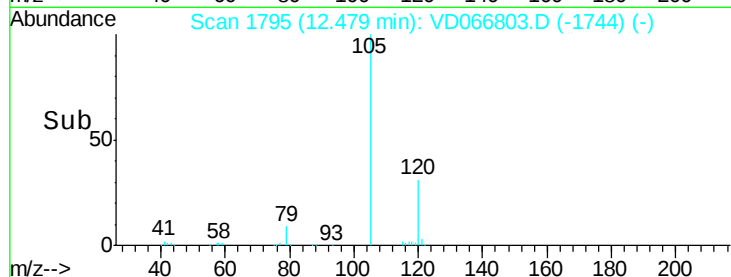
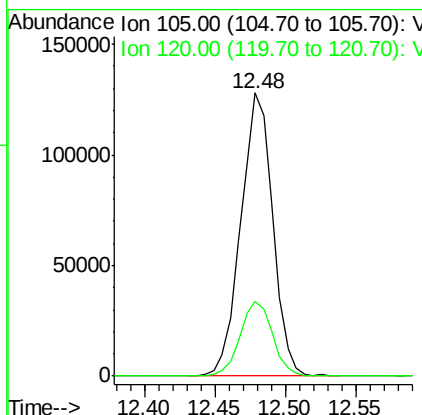
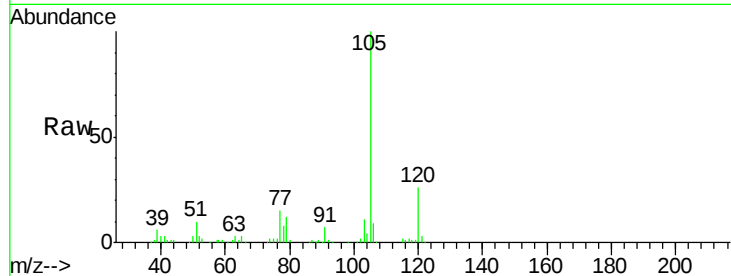
#73
Isopropylbenzene
Concen: 9.654 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
105	100	203026		
120	26.5	12.9	38.6	

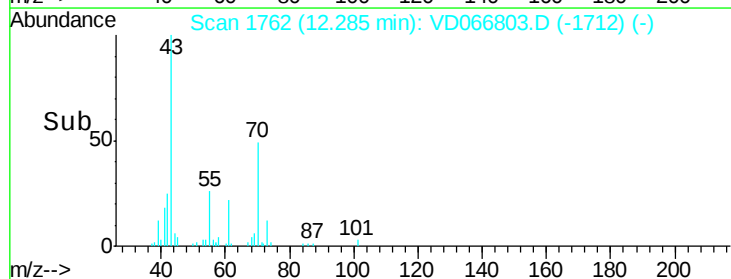
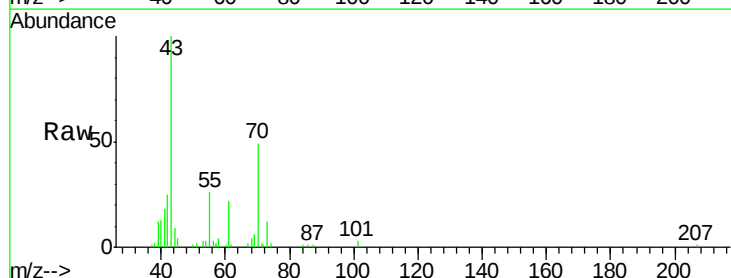
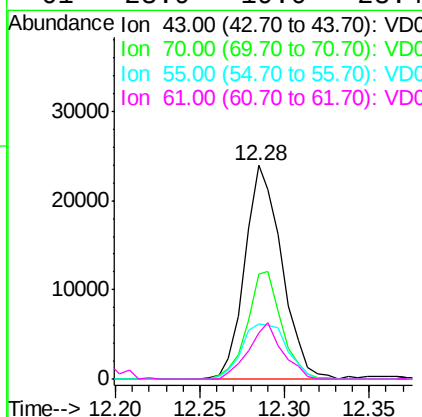
Manual Integrations
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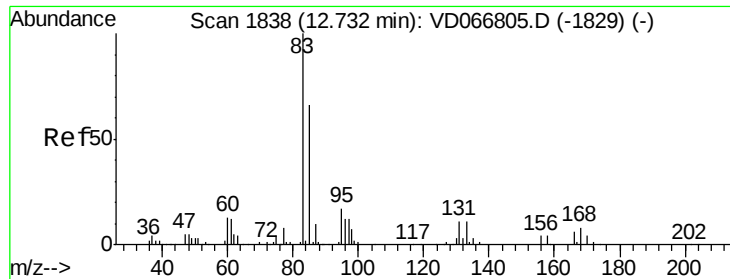
MMDadoda
9/23/2020 1:04:55 PM



#74
N-ethyl acetate
Concen: 8.250 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	36447		
70	46.8	36.1	54.1	
55	31.1	21.8	32.8	
61	23.9	19.0	28.4	





#75

1,1,2,2-Tetrachloroethane

Concen: 10.094 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

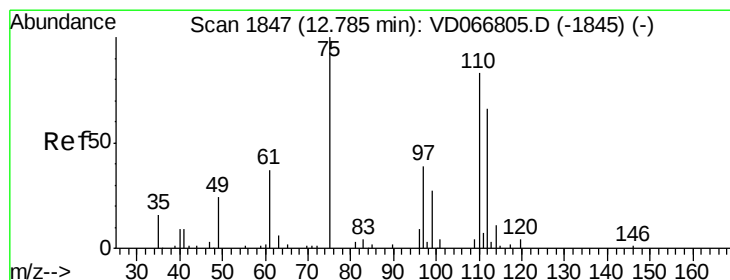
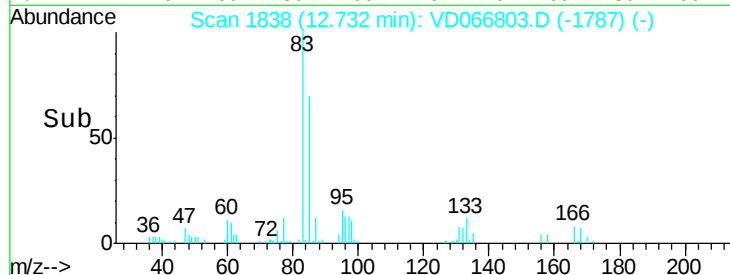
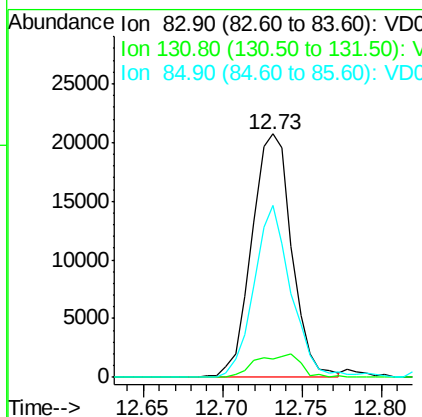
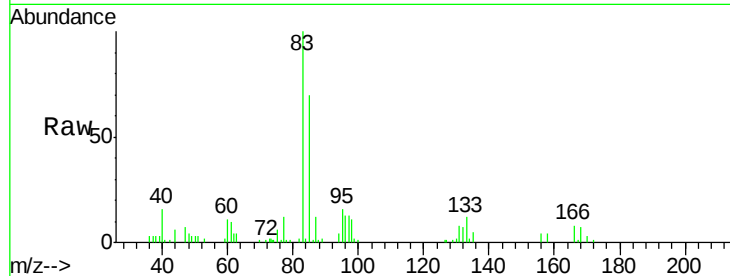
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	36471
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.7
85	66.2	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 9.536 ug/l m

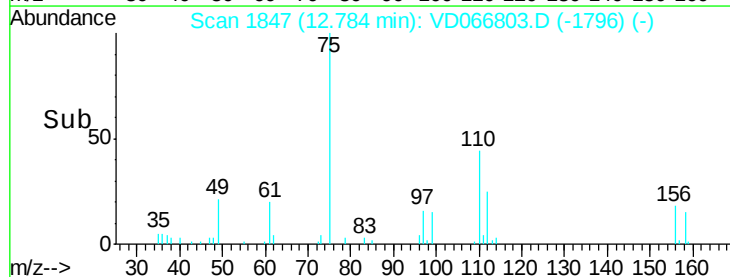
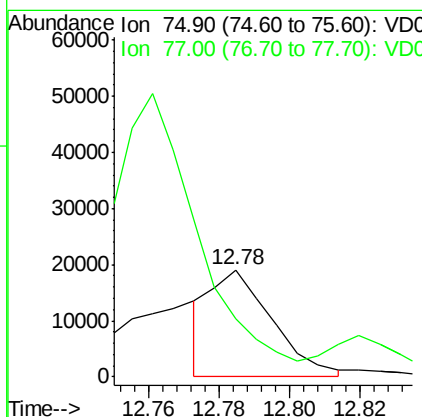
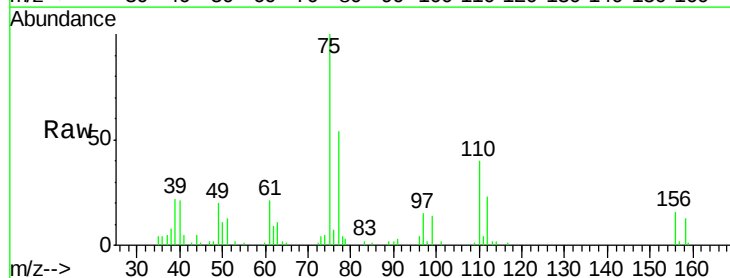
RT: 12.78 min Scan# 1847

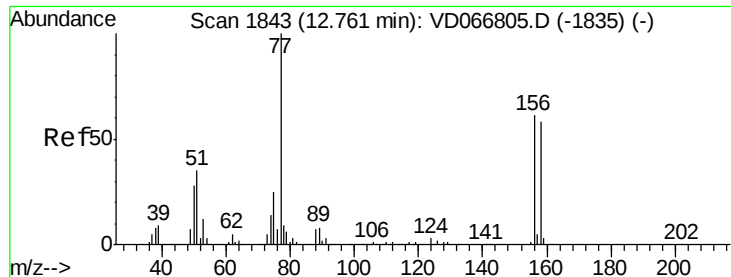
Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Tgt Ion:	75	Resp:	23215
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 9.782 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 47867

Ion Ratio Lower Upper

156 100

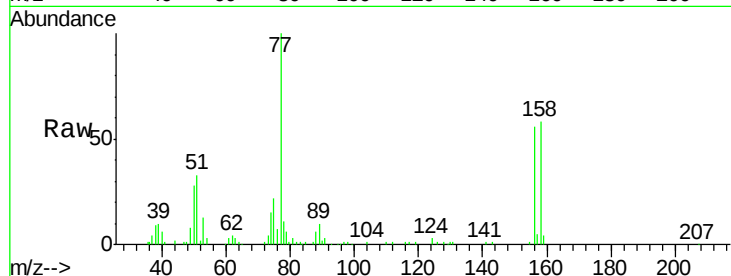
77 189.1 92.3 276.9

158 97.5 47.6 142.9

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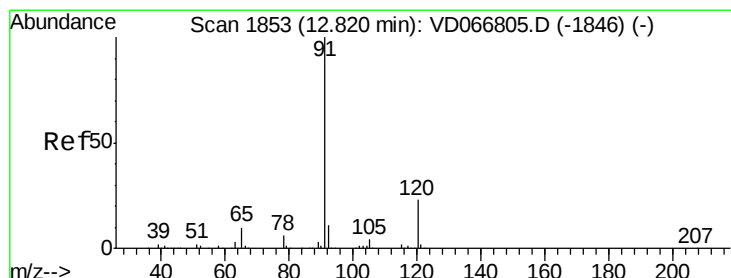
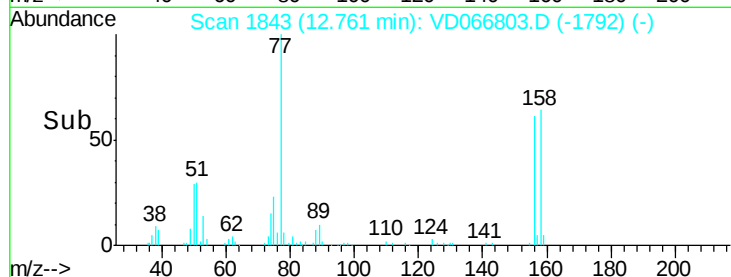
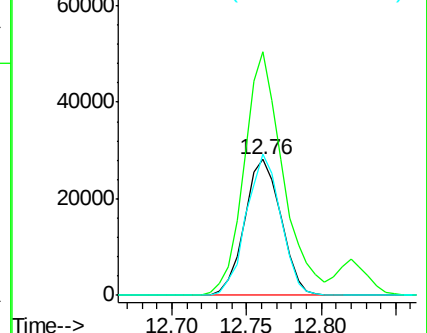
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 9.827 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066803.D

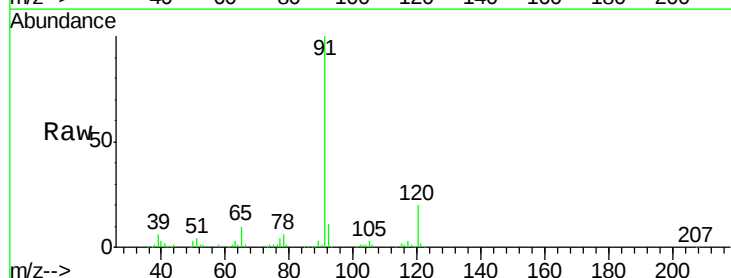
Acq: 22 Sep 2020 11:16

Tgt Ion: 91 Resp: 251307

Ion Ratio Lower Upper

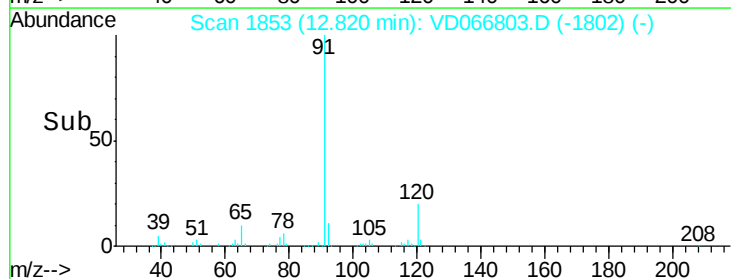
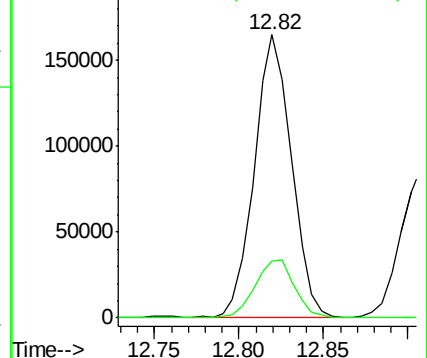
91 100

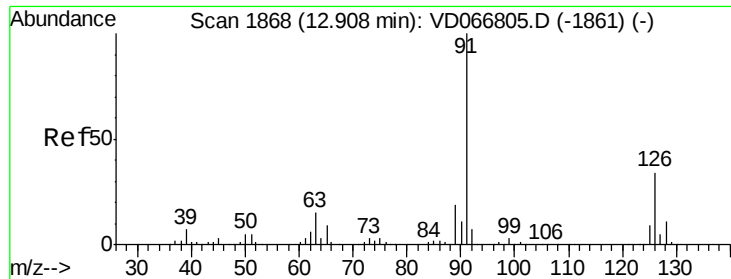
120 21.9 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





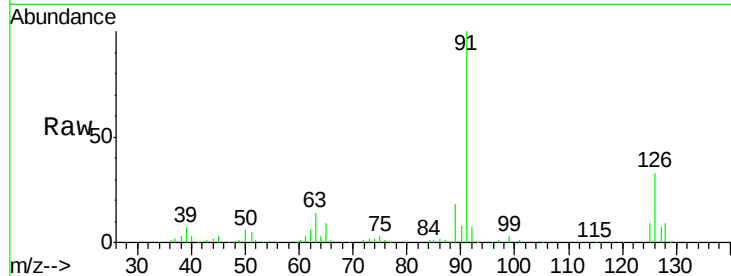
#79
2-Chlorotoluene
Concen: 9.922 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

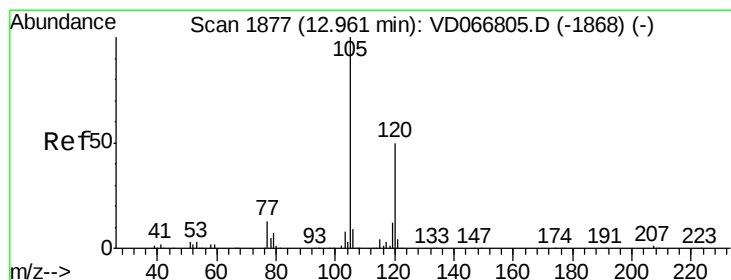
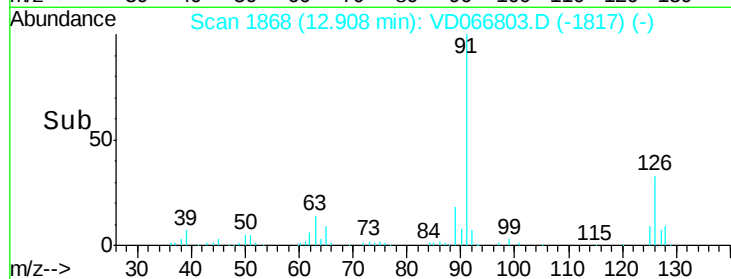
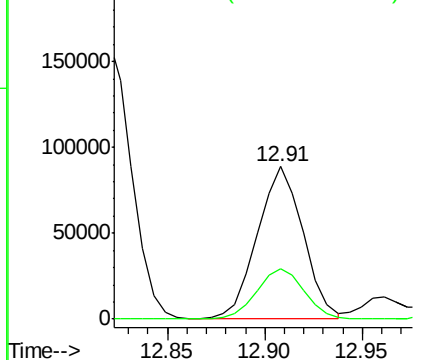
Tot Ion: 91 Resp: 143437
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0

Manual Integrations
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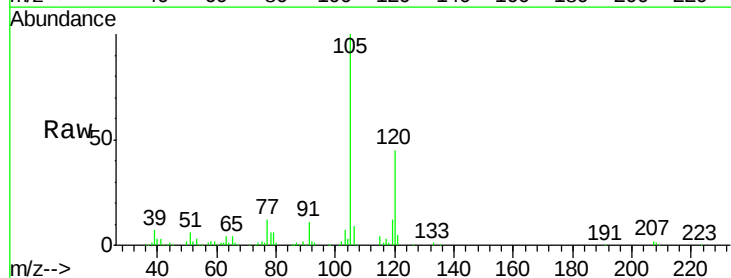


Abundance Ion 91.00 (90.70 to 91.70): VD066803.D (-1861) (-)
Ion 125.90 (125.60 to 126.60): VD066803.D (-1861) (-)

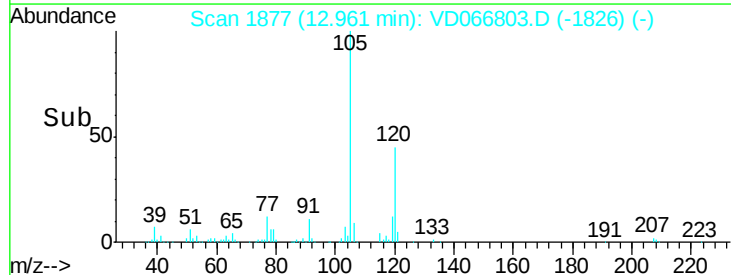
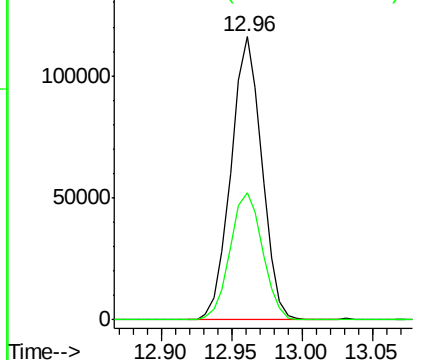


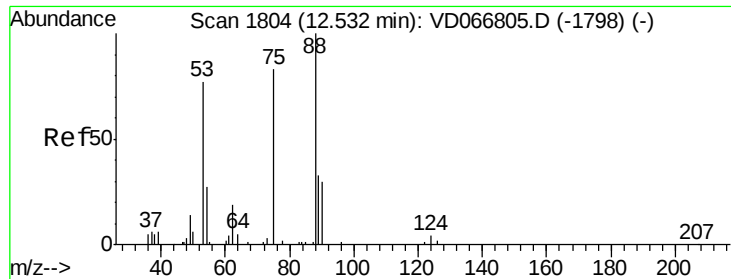
#80
1,3,5-Trimethylbenzene
Concen: 9.973 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion: 105 Resp: 177086
Ion Ratio Lower Upper
105 100
120 47.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066803.D (-1826) (-)
Ion 120.00 (119.70 to 120.70): VD066803.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 7.747 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066803.D

Acq: 22 Sep 2020 11:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 8576

Ion Ratio Lower Upper

75 100

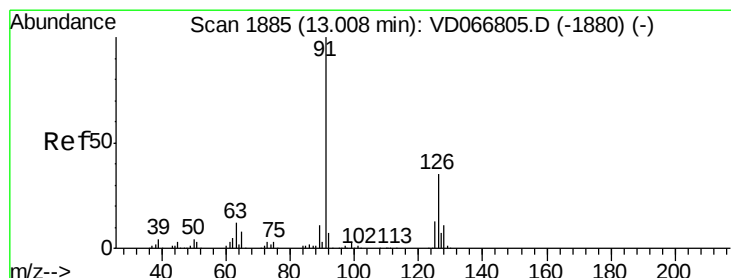
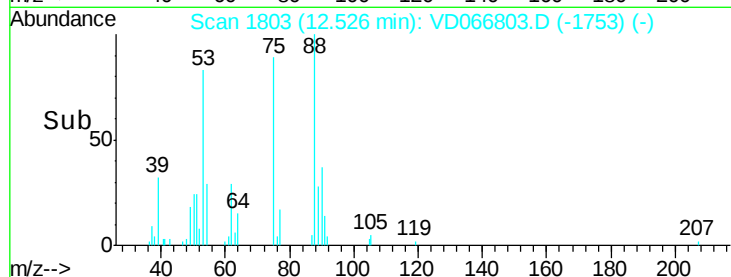
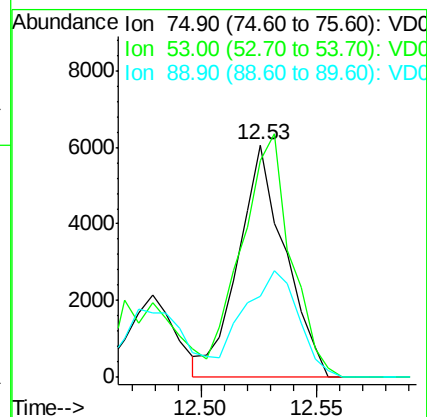
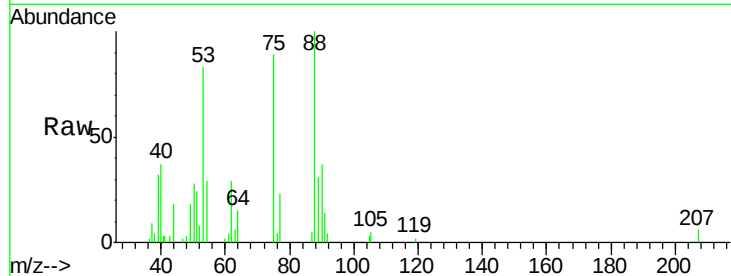
53 109.6 78.5 117.7

89 52.4 38.1 57.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 10.093 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066803.D

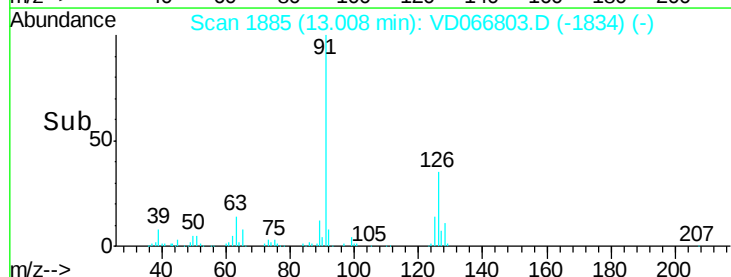
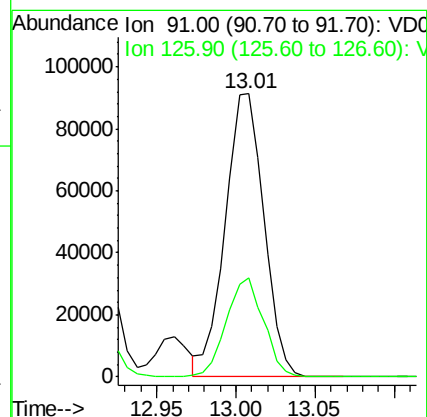
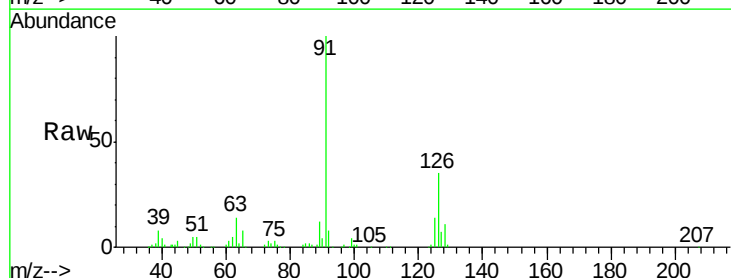
Acq: 22 Sep 2020 11:16

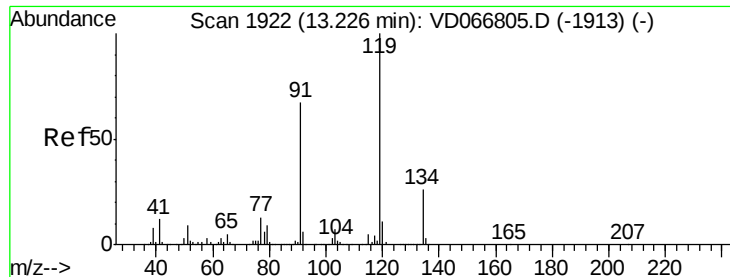
Tgt Ion: 91 Resp: 154709

Ion Ratio Lower Upper

91 100

126 33.6 17.1 51.2





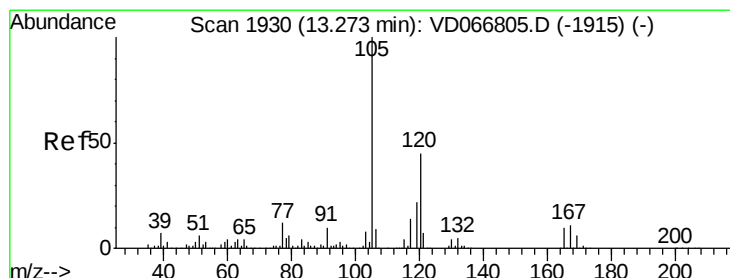
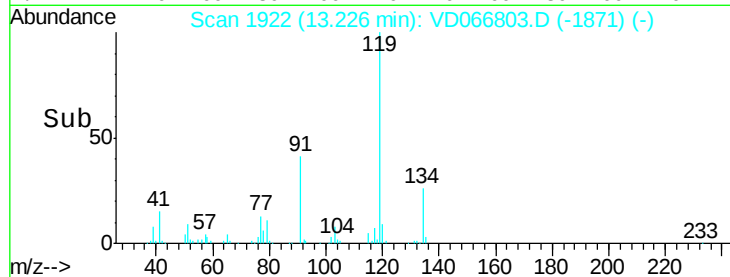
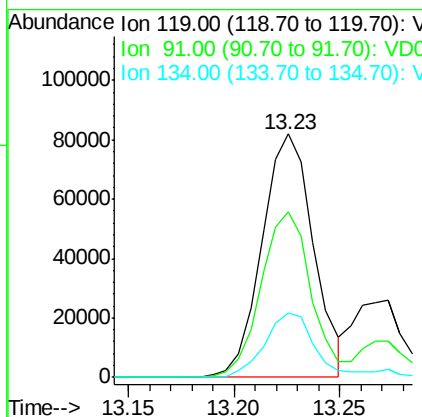
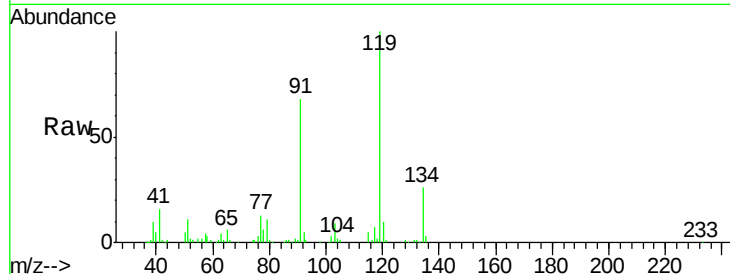
#83
tert-Butylbenzene
Concen: 9.484 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	33.6	100.8
134	25.3	13.5	40.4

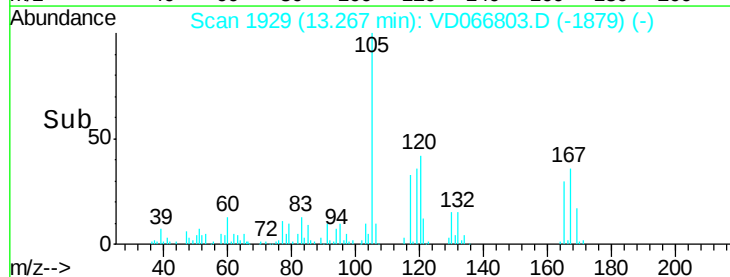
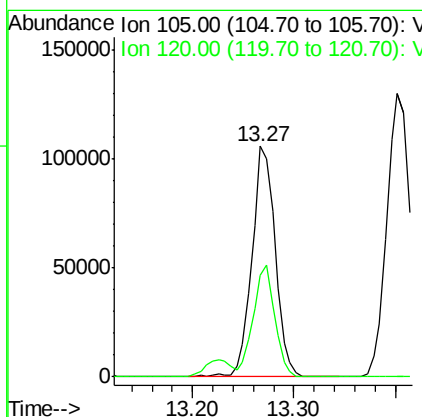
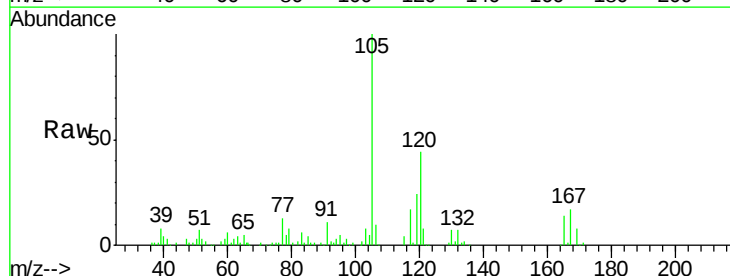
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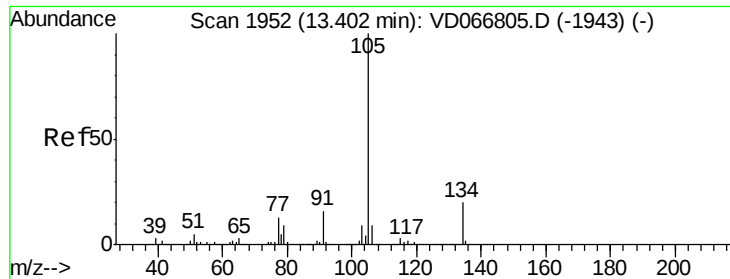
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#84
1,2,4-Trimethylbenzene
Concen: 9.569 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.3	66.9





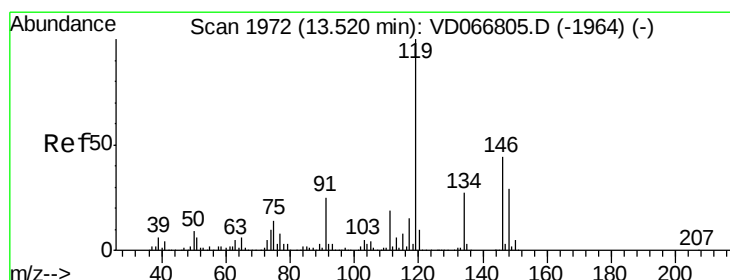
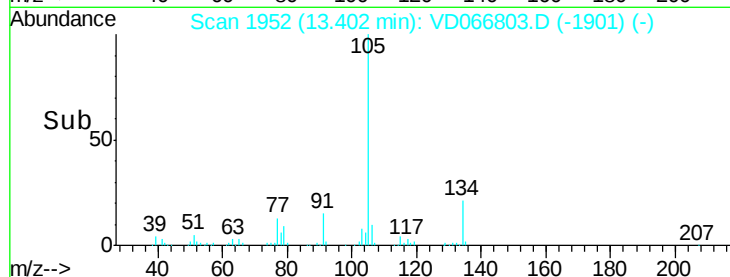
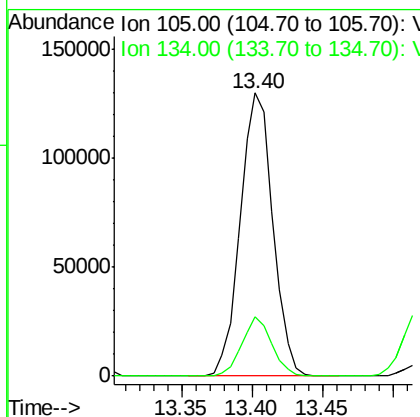
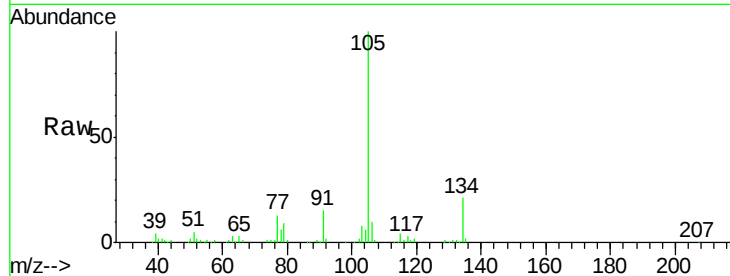
#85
 sec-Butylbenzene
 Concen: 10.001 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
105	100	209871		
134	19.3	10.2	30.6	

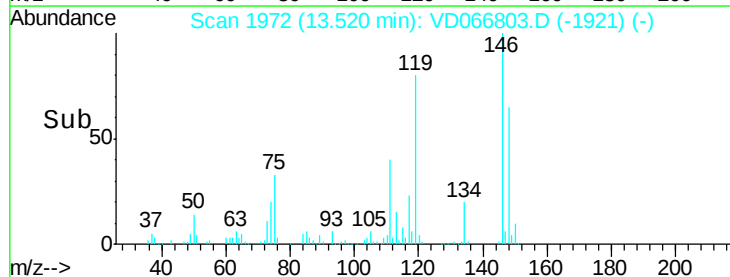
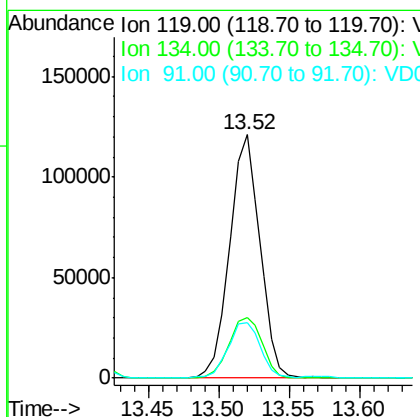
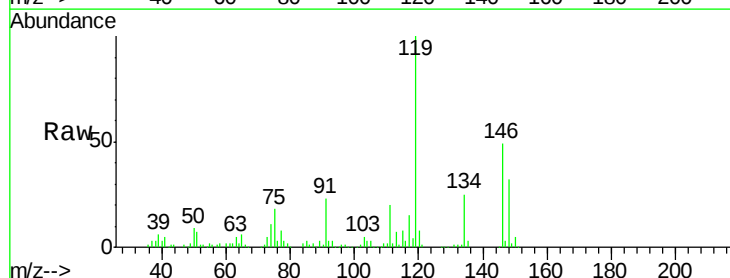
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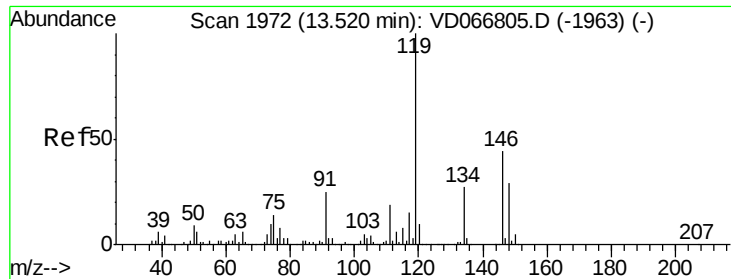
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 9.489 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	180921		
134	27.3	13.0	38.9	
91	24.5	12.0	36.1	





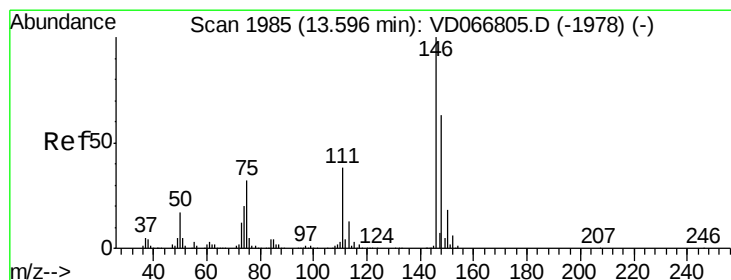
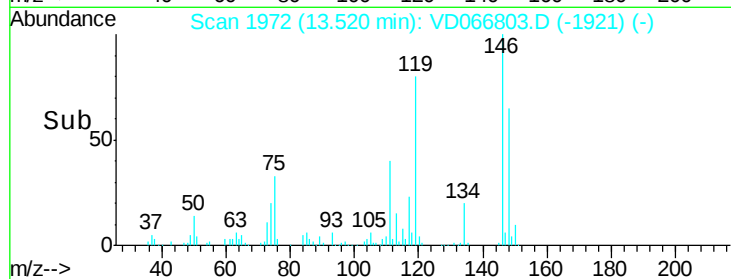
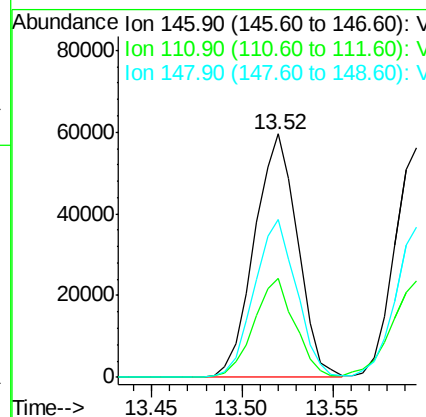
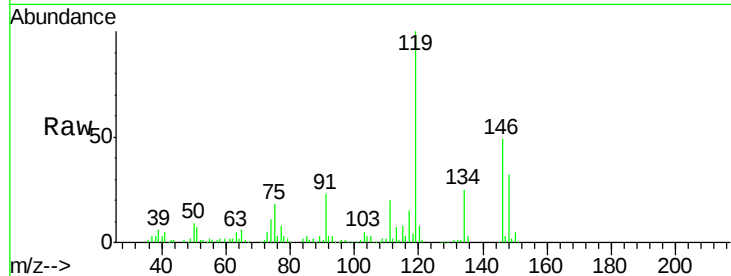
#87
 1,3-Dichlorobenzene
 Concen: 10.512 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.3	60.9
148	64.0	31.9	95.5

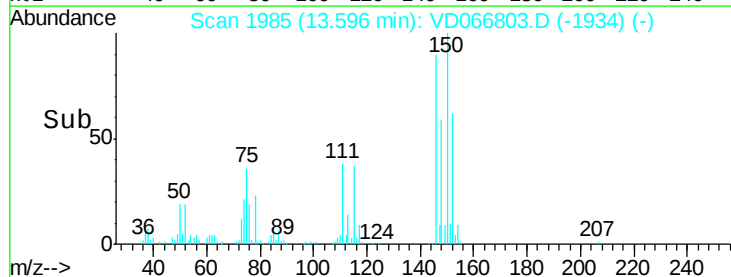
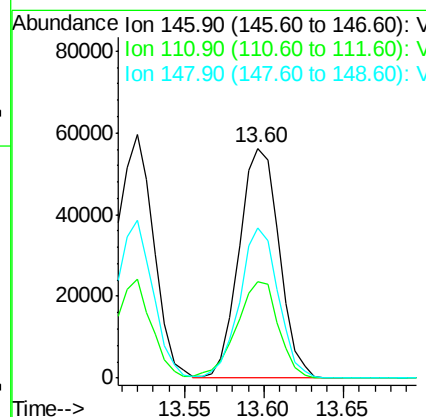
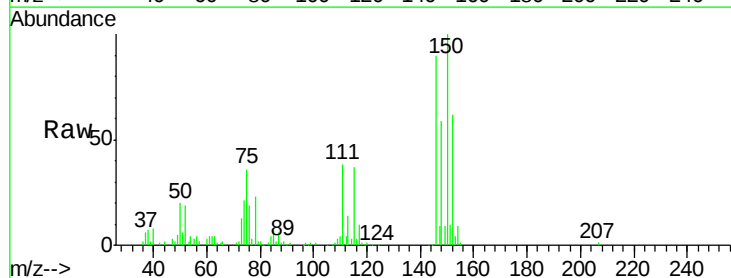
Manual Integrations
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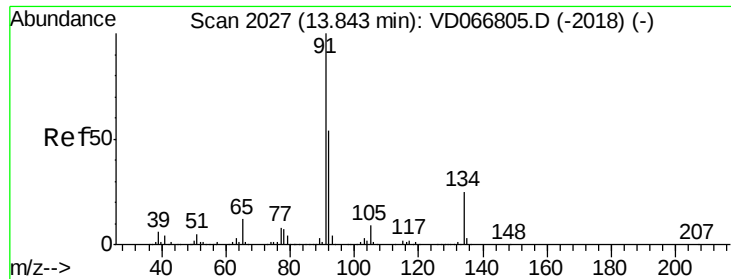
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 10.574 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	20.2	60.5
148	62.9	31.6	94.7





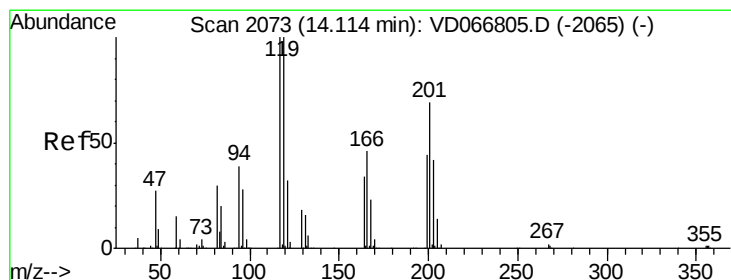
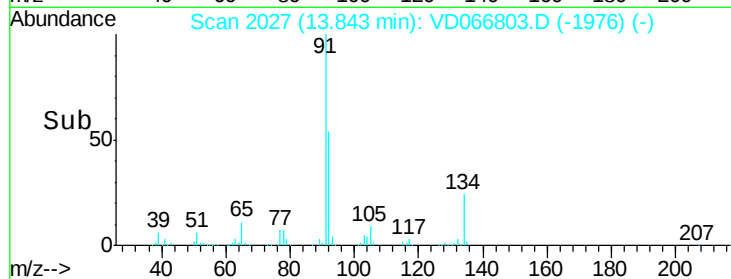
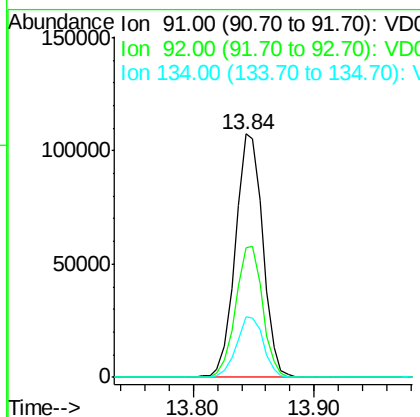
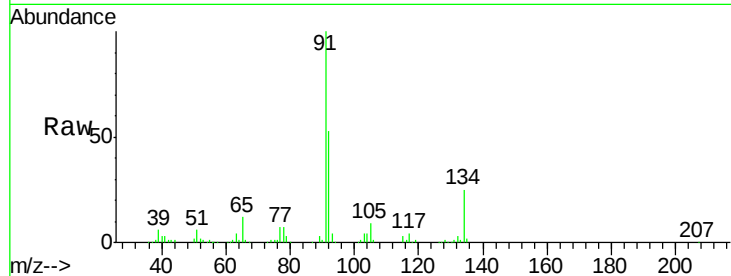
#89
n-Butylbenzene
Concen: 9.438 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
91	100	170452		
92	52.8	26.7	80.0	
134	24.6	13.1	39.1	

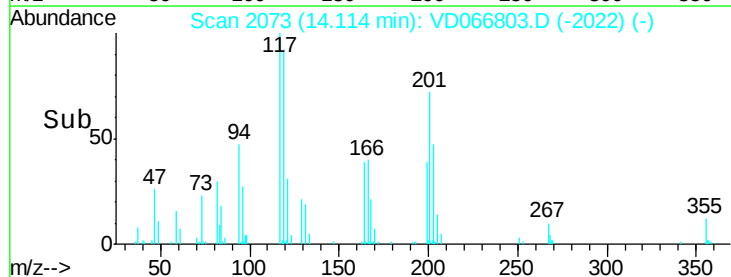
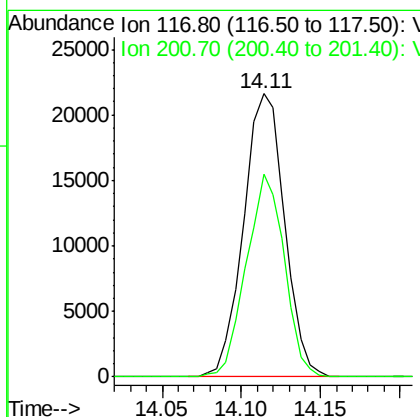
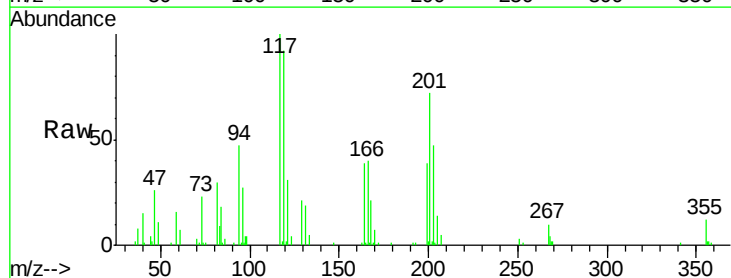
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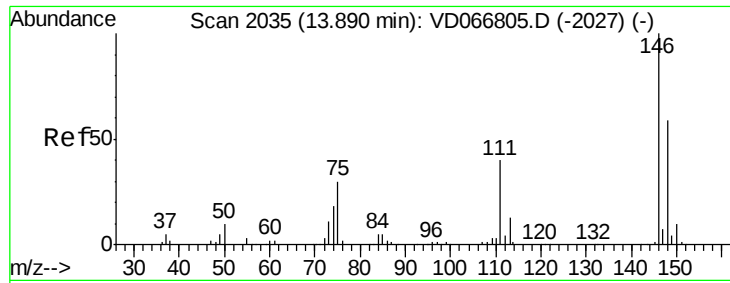
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#90
Hexachloroethane
Concen: 9.954 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38807		
201	66.6	33.7	101.0	





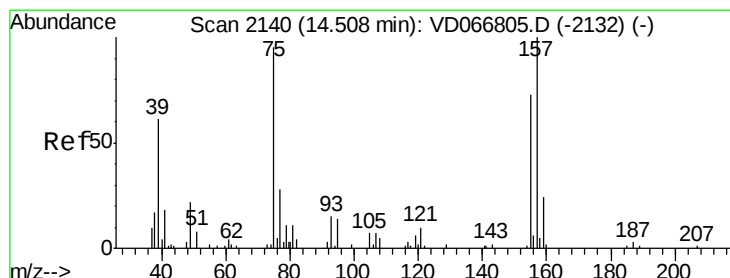
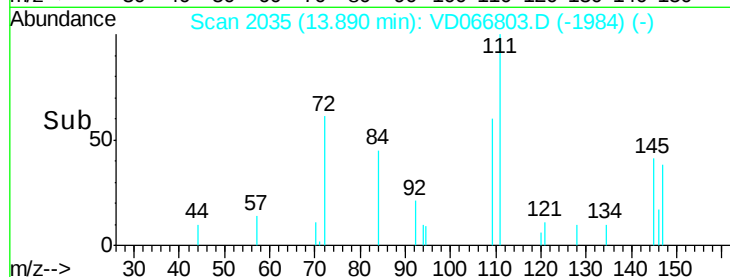
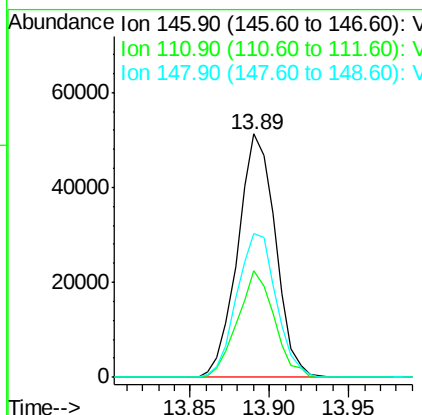
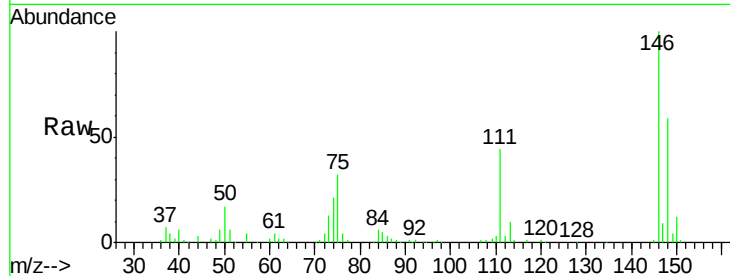
#91
 1,2-Dichlorobenzene
 Concen: 10.551 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.9	62.7
148	61.8	31.8	95.3

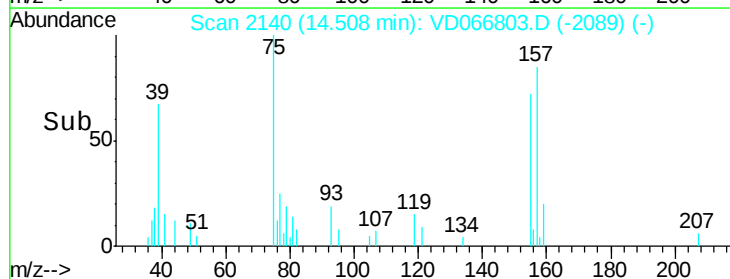
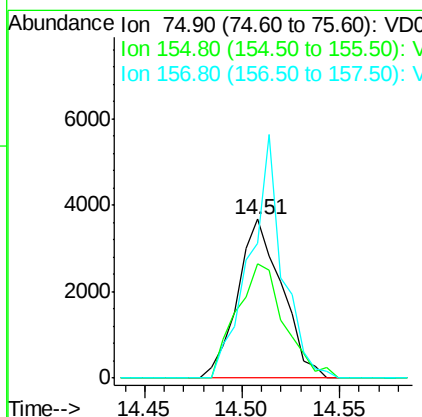
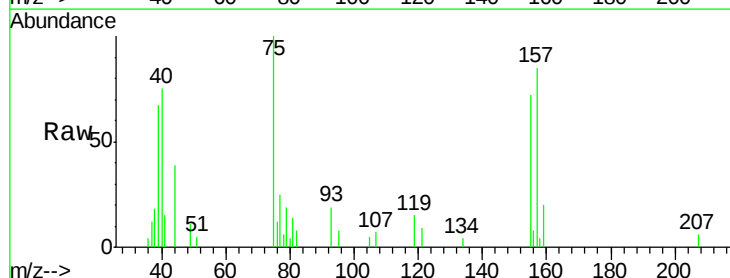
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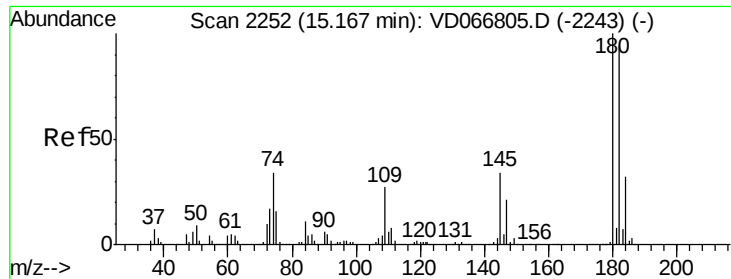
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.004 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	40.4	121.2
157	114.0	51.3	153.9





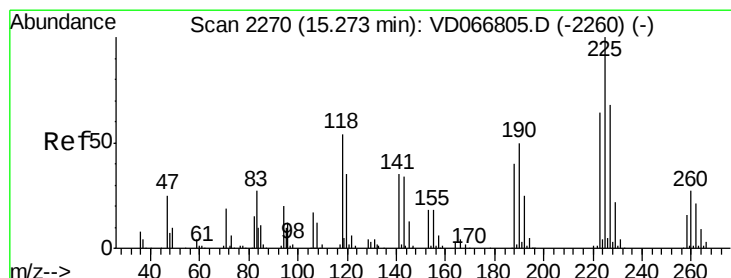
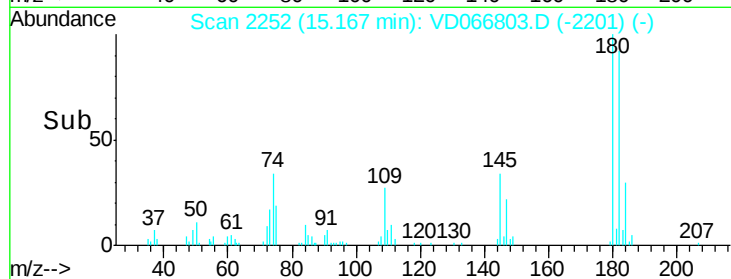
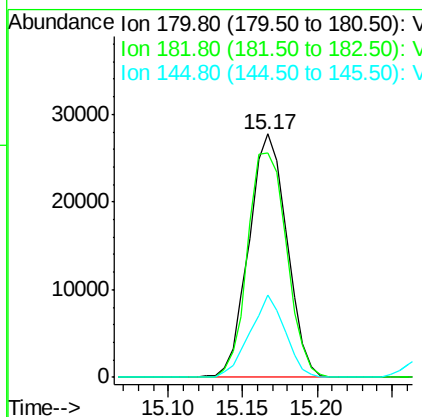
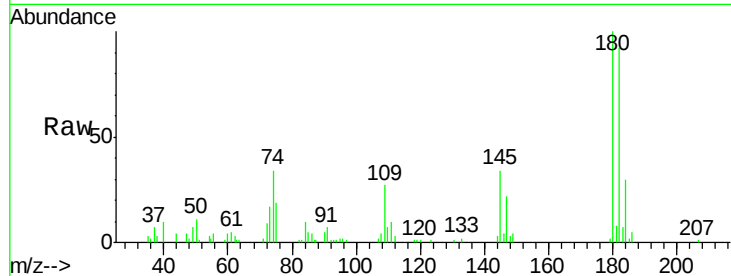
#93
 1,2,4-Trichlorobenzene
 Concen: 10.070 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	48856		
182	94.9	48.8	146.3	
145	31.3	16.7	50.0	

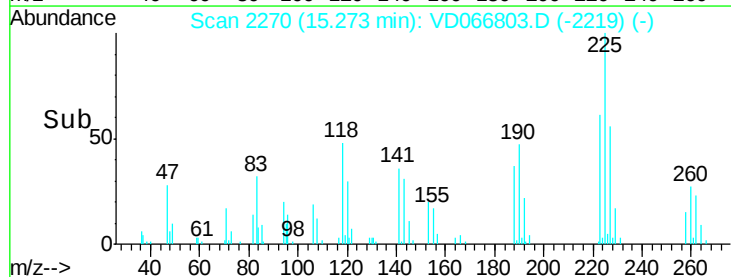
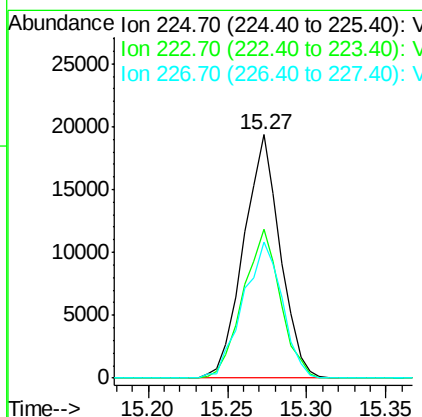
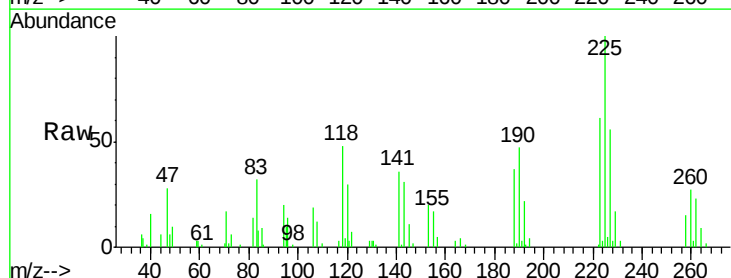
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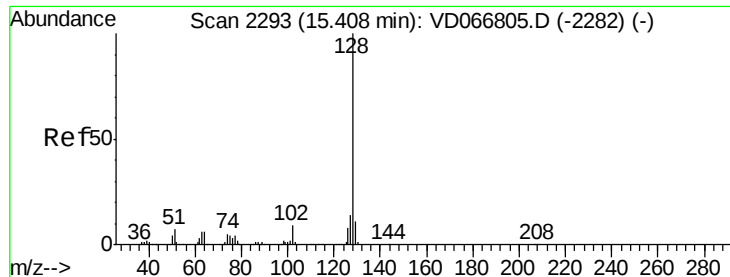
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#94
 Hexachlorobutadiene
 Concen: 10.578 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066803.D
 Acq: 22 Sep 2020 11:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30965		
223	62.5	31.1	93.3	
227	60.0	31.7	95.1	





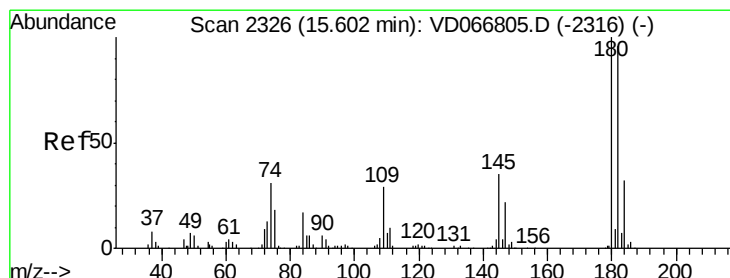
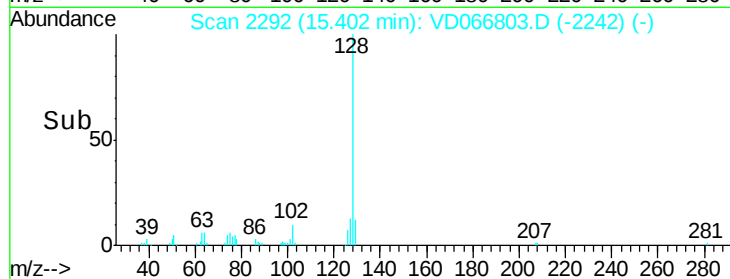
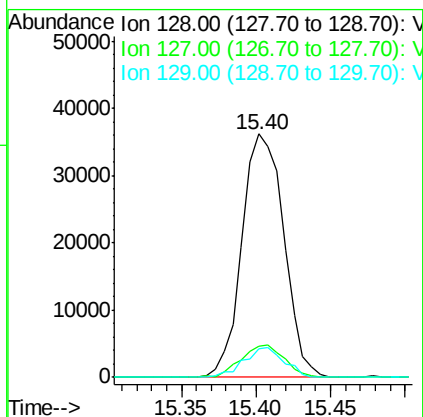
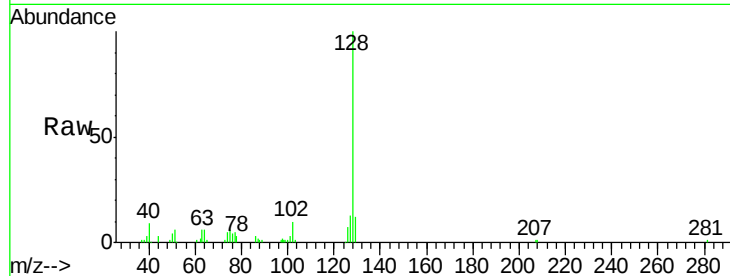
#95
Naphthalene
Concen: 8.225 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tot Ion:	128	Resp:	70355
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.6	16.0
129	11.8	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 9.793 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066803.D
Acq: 22 Sep 2020 11:16

Tgt Ion:	180	Resp:	41841
Ion Ratio	Lower	Upper	
180	100		
182	91.9	46.8	140.3
145	32.4	17.0	51.0

