

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066644.D
 Acq On : 11 Sep 2020 13:17
 Operator : VA/SY
 Sample : VD0911SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:06:44 PM

Quant Time: Sep 12 03:20:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	347044	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	578999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	538709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	256307	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	224446	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
35) Dibromofluoromethane	7.91	113	205884	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	10.34	98	751649	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.63	95	254967	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	72972	23.363	ug/l	86
3) Chloromethane	2.21	50	93217	21.239	ug/l	98
4) Vinyl Chloride	2.35	62	98980	20.334	ug/l	96
5) Bromomethane	2.76	94	65673	18.472	ug/l	89
6) Chloroethane	2.92	64	59183	19.142	ug/l	99
7) Trichlorofluoromethane	3.27	101	151776	21.106	ug/l	95
8) Diethyl Ether	3.71	74	37375	20.640	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	85087	21.863	ug/l	100
10) Methyl Iodide	4.30	142	71233	22.475	ug/l	99
11) Tert butyl alcohol	5.20	59	42023	140.028	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	74699	21.364	ug/l	95
13) Acrolein	3.91	56	14491	84.404	ug/l	89
14) Allyl chloride	4.71	41	121407	21.187	ug/l	97
15) Acrylonitrile	5.42	53	84861	109.093	ug/l	99
16) Acetone	4.16	43	91979	119.053	ug/l	97
17) Carbon Disulfide	4.41	76	246455	21.441	ug/l	97
18) Methyl Acetate	4.72	43	39581	21.492	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	168979	20.609	ug/l	95
20) Methylene Chloride	4.96	84	108079	21.957	ug/l	96
21) trans-1,2-Dichloroethene	5.46	96	89218	21.488	ug/l	97
22) Diisopropyl ether	6.36	45	259108	21.988	ug/l	97
23) Vinyl Acetate	6.30	43	712978	106.321	ug/l	97
24) 1,1-Dichloroethane	6.26	63	159223	21.486	ug/l	97
25) 2-Butanone	7.21	43	116975	112.789	ug/l	96
26) 2,2-Dichloropropane	7.20	77	149212	21.951	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	92942	20.816	ug/l	96
28) Bromochloromethane	7.54	49	59118	20.722	ug/l #	97
29) Tetrahydrofuran	7.56	42	66668	103.217	ug/l	98
30) Chloroform	7.71	83	167765	21.399	ug/l	95
31) Cyclohexane	7.98	56	145880	21.296	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	156965	21.295	ug/l	98
36) 1,1-Dichloropropene	8.11	75	131241	21.781	ug/l	99
37) Ethyl Acetate	7.28	43	48875	20.370	ug/l	96
38) Carbon Tetrachloride	8.10	117	140472	22.056	ug/l	93

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Quant Time: Sep 12 03:20:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	142601	21.194	ug/l	98
40) Benzene	8.34	78	353562	21.424	ug/l	99
41) Methacrylonitrile	7.52	41	28413	24.464	ug/l	95
42) 1,2-Dichloroethane	8.42	62	113017	21.137	ug/l	98
43) Isopropyl Acetate	8.45	43	95395	20.746	ug/l	99
44) Trichloroethene	9.10	130	95823	22.136	ug/l	94
45) 1,2-Dichloropropane	9.38	63	87822	21.161	ug/l	89
46) Dibromomethane	9.47	93	47312	20.663	ug/l	97
47) Bromodichloromethane	9.66	83	133361	21.528	ug/l	99
48) Methyl methacrylate	9.45	41	53042	22.813	ug/l	92
49) 1,4-Dioxane	9.46	88	10636	423.413	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	239678	103.355	ug/l	100
52) Toluene	10.40	92	222515	21.301	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	113608	20.775	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	137858	20.992	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	63877	21.698	ug/l	98
56) Ethyl methacrylate	10.66	69	72697	21.208	ug/l	99
57) 1,3-Dichloropropane	10.94	76	107929	20.930	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	187924	119.861	ug/l	97
59) 2-Hexanone	10.98	43	166704	106.898	ug/l	99
60) Dibromochloromethane	11.14	129	85814	22.043	ug/l	98
61) 1,2-Dibromoethane	11.24	107	60163	21.006	ug/l	98
64) Tetrachloroethene	10.87	164	74748	20.608	ug/l	97
65) Chlorobenzene	11.67	112	225101	20.246	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	87549	20.632	ug/l	99
67) Ethyl Benzene	11.74	91	420975	20.620	ug/l	97
68) m/p-Xylenes	11.85	106	318446	42.009	ug/l	97
69) o-Xylene	12.18	106	139202	20.490	ug/l	98
70) Styrene	12.19	104	249916	21.160	ug/l	99
71) Bromoform	12.36	173	43767	20.466	ug/l #	99
73) Isopropylbenzene	12.48	105	389485	20.524	ug/l	99
74) N-amyl acetate	12.28	43	84888	19.751	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	66991	19.982	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	53435m	21.678	ug/l	
77) Bromobenzene	12.76	156	86639	20.479	ug/l	99
78) n-propylbenzene	12.82	91	487526	21.193	ug/l	99
79) 2-Chlorotoluene	12.91	91	268607	20.813	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	336255	21.053	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	21461	20.326	ug/l	93
82) 4-Chlorotoluene	13.01	91	291009	21.087	ug/l	99
83) tert-Butylbenzene	13.23	119	268688	20.600	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	336299	21.148	ug/l	99
85) sec-Butylbenzene	13.40	105	395086	21.025	ug/l	99
86) p-Isopropyltoluene	13.52	119	359506	21.255	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	175897	20.942	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	175634	20.834	ug/l	99
89) n-Butylbenzene	13.85	91	341535	20.722	ug/l	98
90) Hexachloroethane	14.11	117	74698	20.497	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	147753	20.126	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11225	19.710	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	87882	19.946	ug/l	100
94) Hexachlorobutadiene	15.27	225	54222	20.485	ug/l	98
95) Naphthalene	15.41	128	150450	19.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	75670	20.145	ug/l	97

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

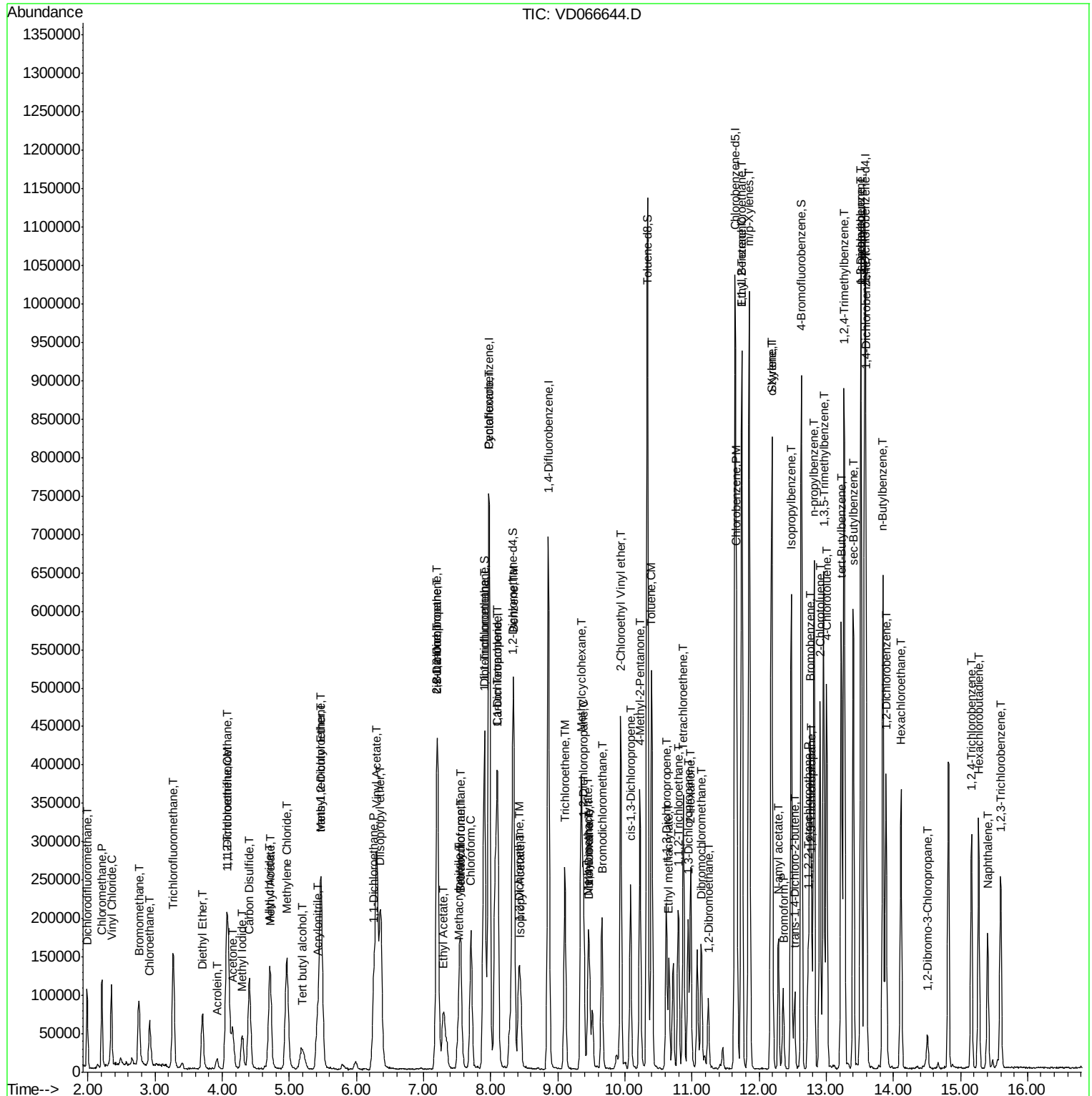
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091120\
 Data File : VD066644.D
 Acd On : 11 Sep 2020 13:17
 Operator : VA/SY
 Sample : VD0911SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
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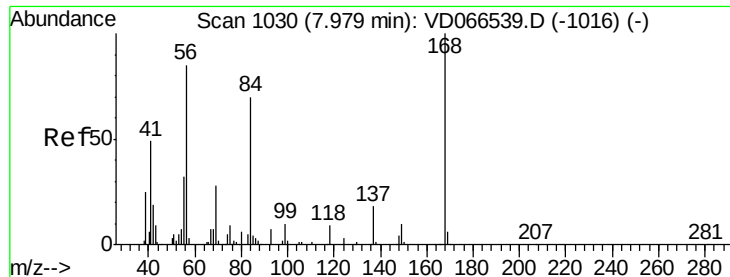
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBS01

Manual Integrations
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Quant Time: Sep 12 03:20:12 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD0911SBS01

Tot Ion:168 Resp: 347044

Ion Ratio Lower Upper

168 100

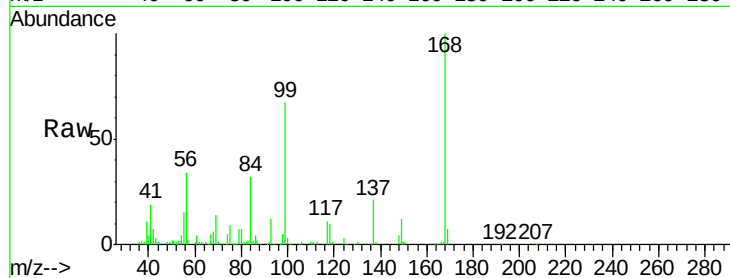
99 66.1 50.5 75.7

Manual Integrations

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9/14/2020 12:06:44 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

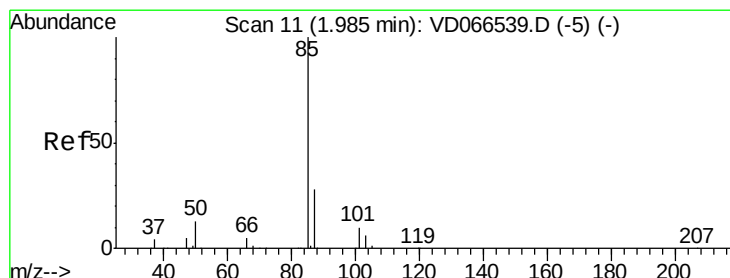
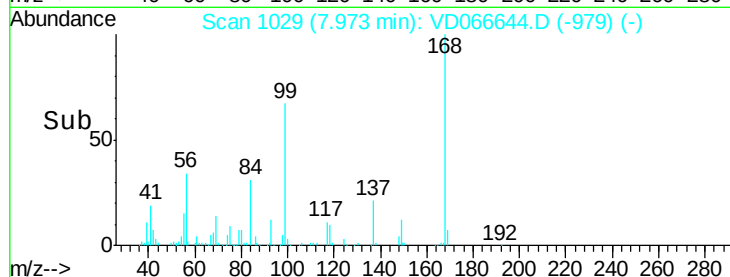
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.363 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066644.D

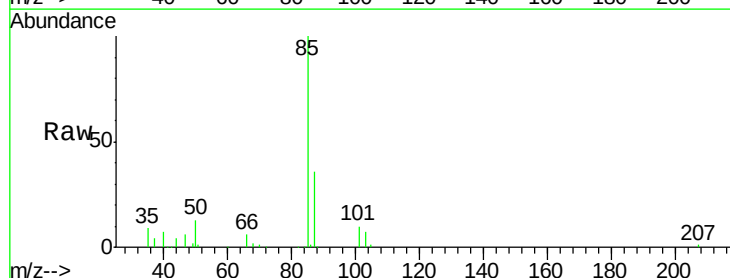
Acq: 11 Sep 2020 13:17

Tgt Ion: 85 Resp: 72972

Ion Ratio Lower Upper

85 100

87 35.9 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

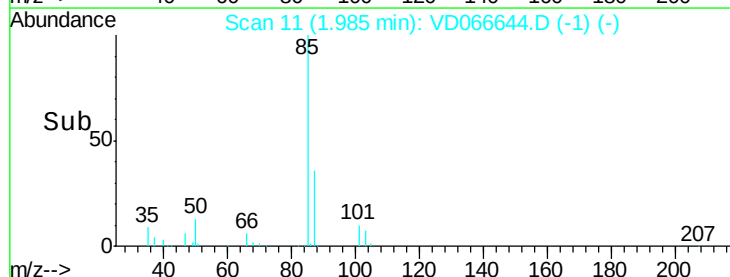
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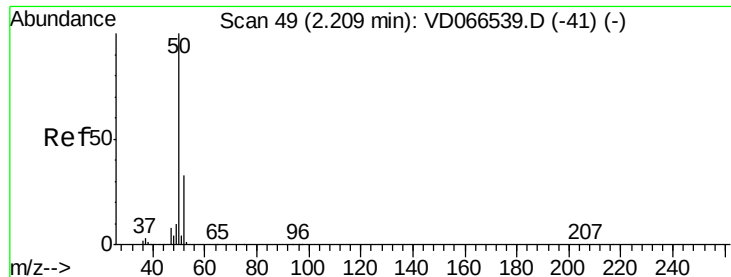
20000

10000

0

Time-->





#3

Chloromethane

Concen: 21.239 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD0911SBS01

Tot Ion: 50 Resp: 93217

Ion Ratio Lower Upper

50 100

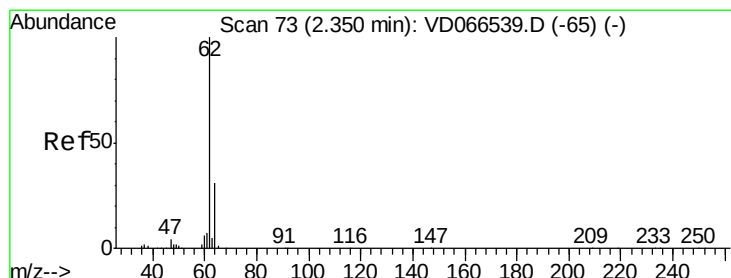
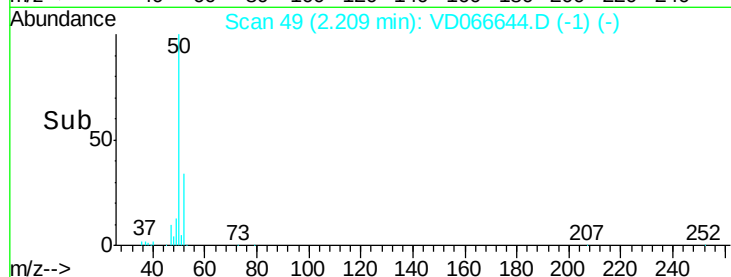
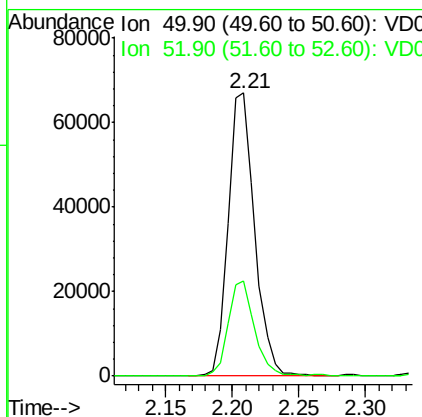
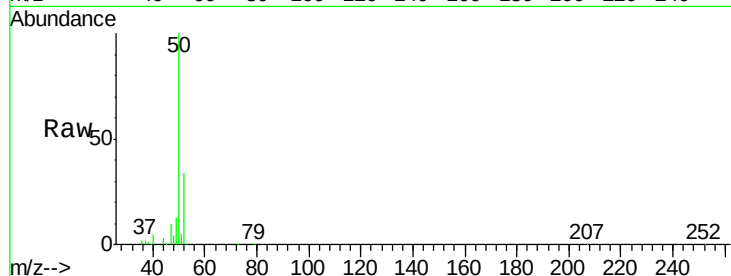
52 33.6 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.334 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066644.D

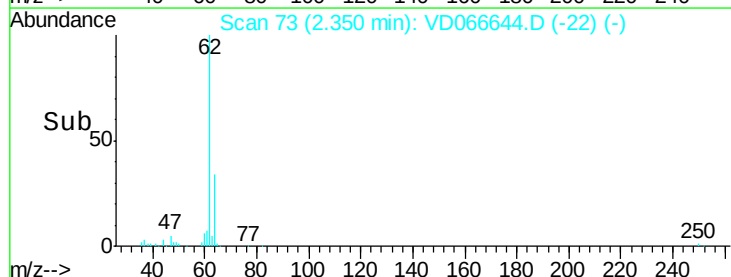
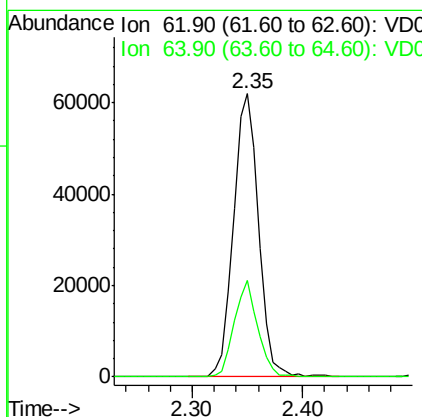
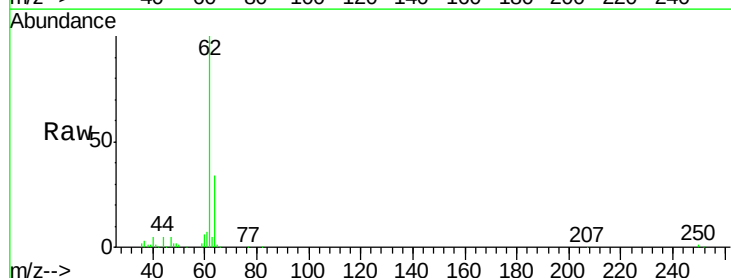
Acq: 11 Sep 2020 13:17

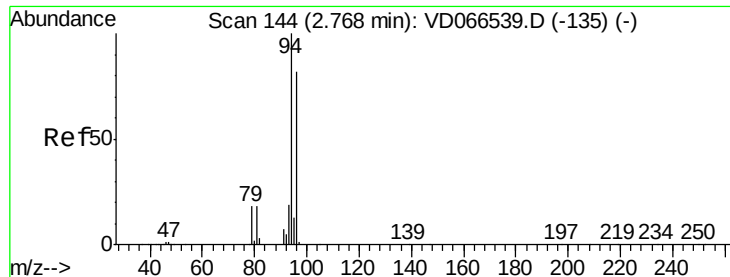
Tgt Ion: 62 Resp: 98980

Ion Ratio Lower Upper

62 100

64 34.1 25.3 37.9





#5

Bromomethane

Concen: 18.472 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD0911SBS01

Tot Ion: 94 Resp: 65673

Ion Ratio Lower Upper

94 100

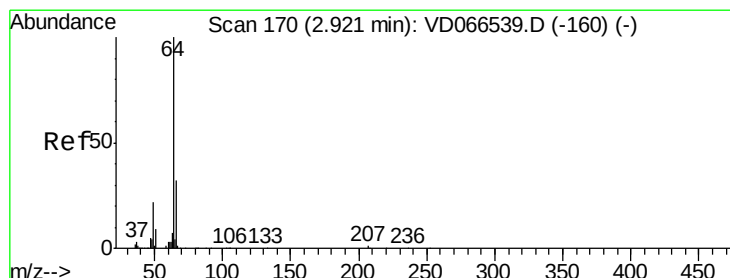
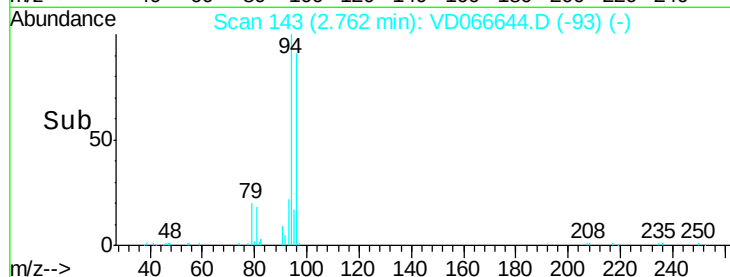
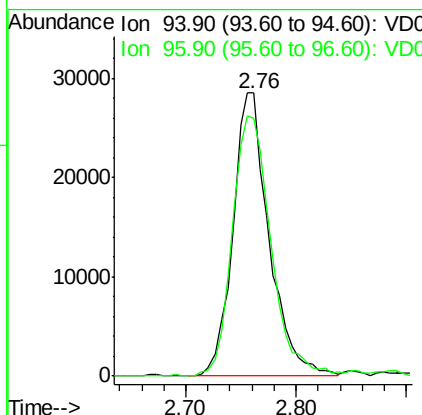
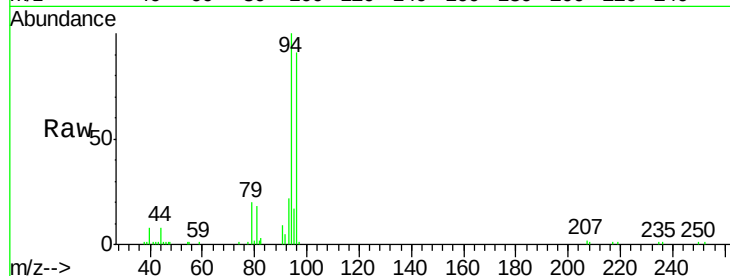
96 91.2 65.2 97.8

Manual Integrations

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#6

Chloroethane

Concen: 19.142 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066644.D

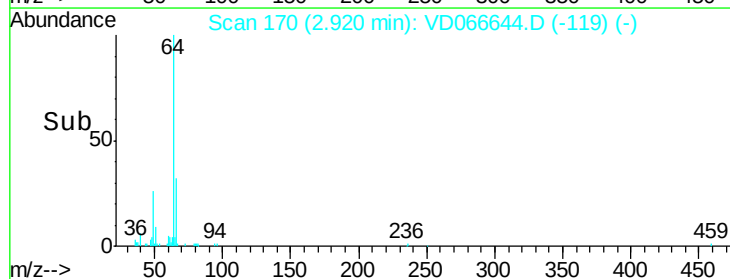
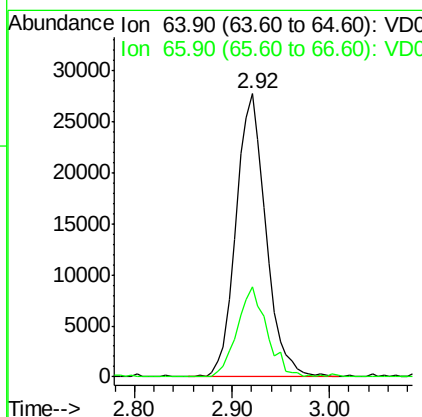
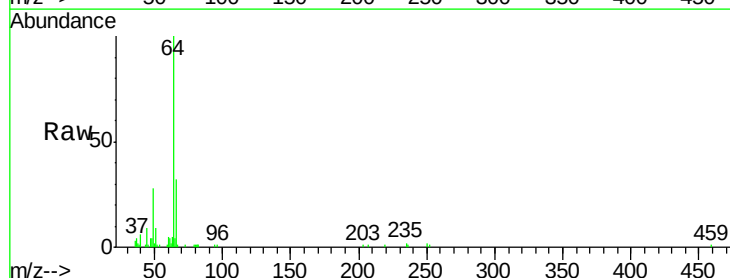
Acq: 11 Sep 2020 13:17

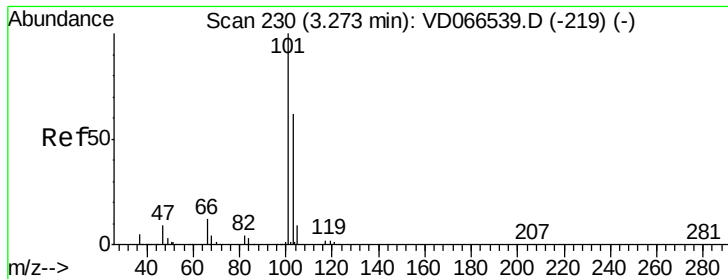
Tgt Ion: 64 Resp: 59183

Ion Ratio Lower Upper

64 100

66 32.0 25.4 38.0





#7

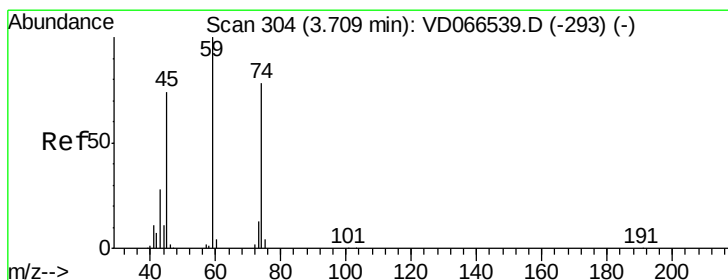
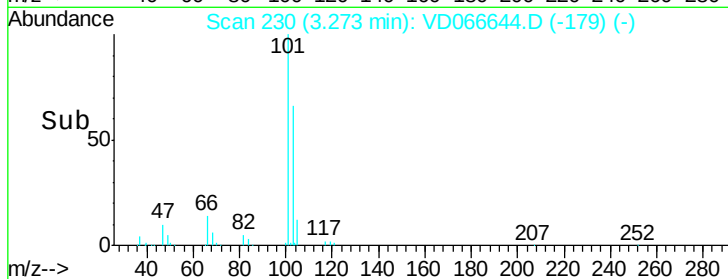
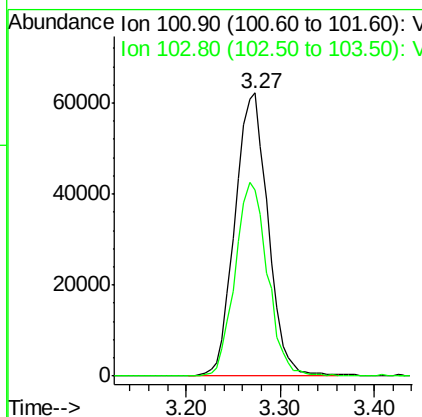
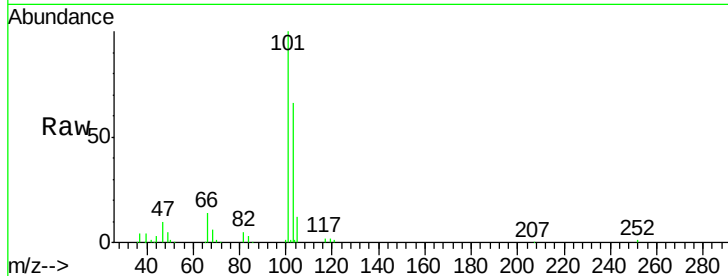
Trichlorofluoromethane
 Concen: 21.106 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	49.7	74.5

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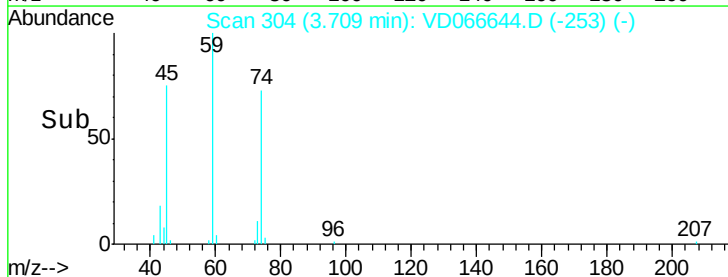
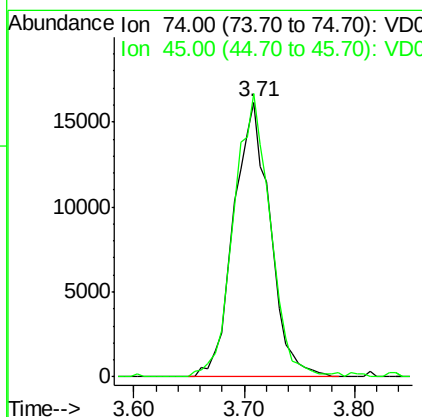
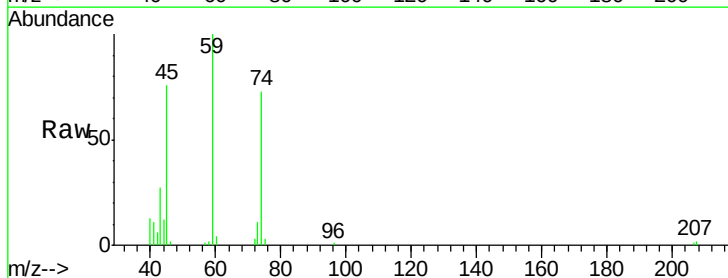
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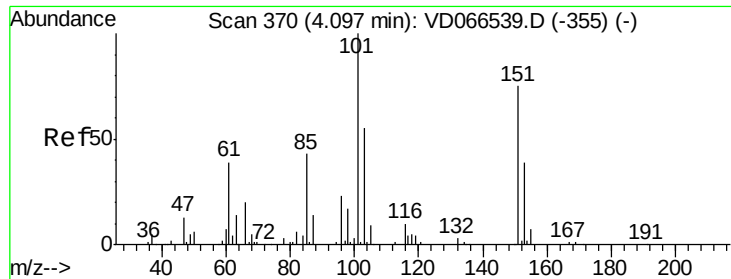


#8

Diethyl Ether
 Concen: 20.640 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	49.7	149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.863 ug/l

RT: 4.08 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066644.D

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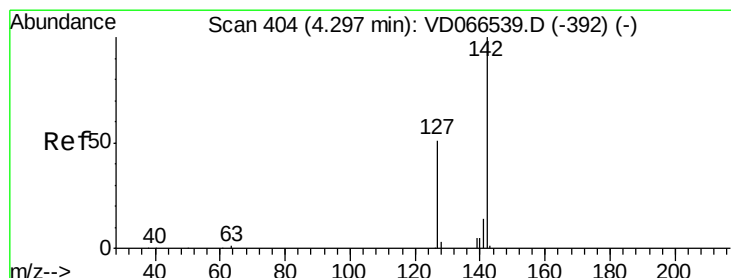
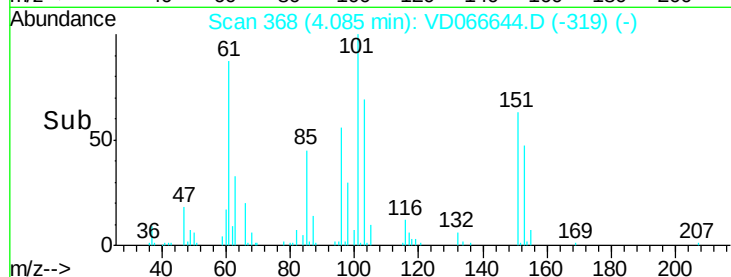
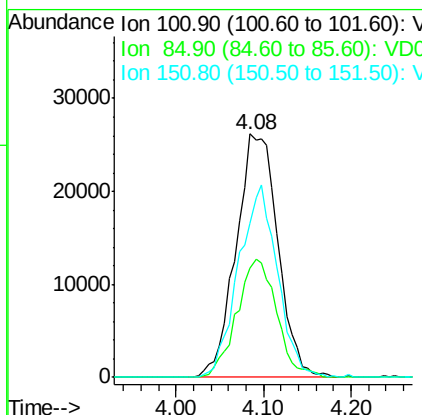
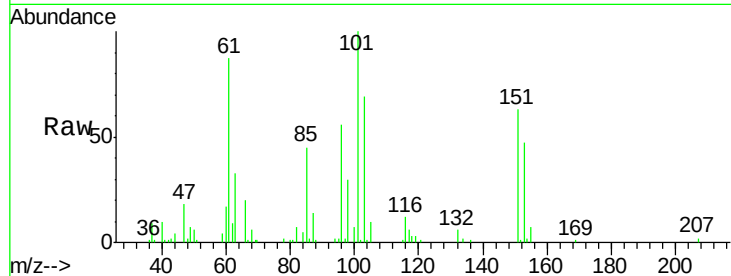
ClientSampleId :

VD0911SBS01

Tot Ion:	101	Resp:	85087
Ion Ratio	Lower	Upper	
101	100		
85	46.2	37.0	55.6
151	73.7	59.4	89.2

Manual Integrations
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#10

Methyl Iodide

Concen: 22.475 ug/l

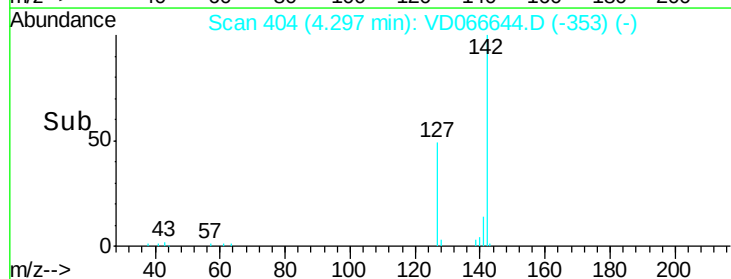
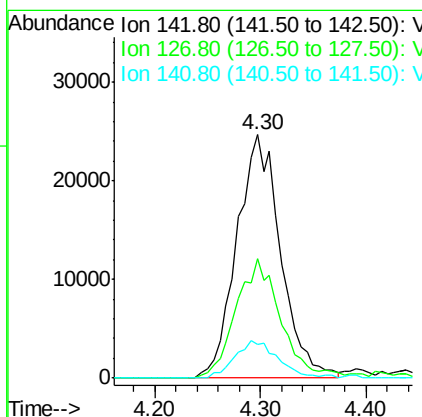
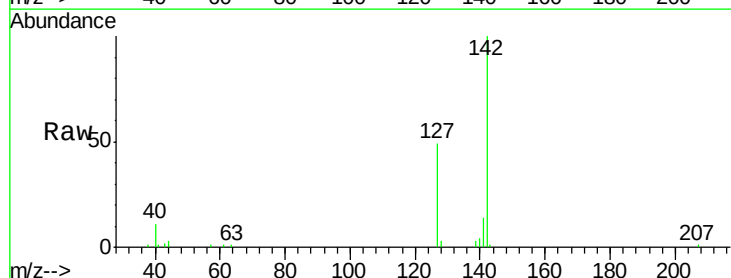
RT: 4.30 min Scan# 404

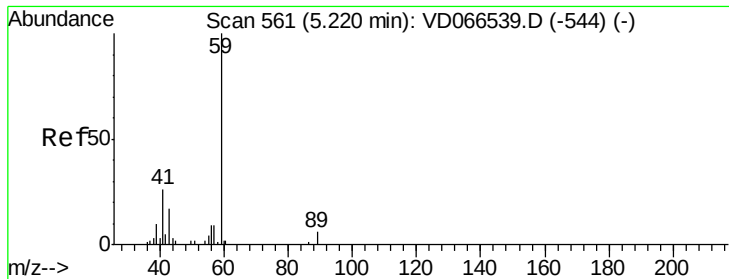
Delta R.T. 0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Tgt Ion:	142	Resp:	71233
Ion Ratio	Lower	Upper	
142	100		
127	49.6	40.6	61.0
141	15.3	12.2	18.4





#11

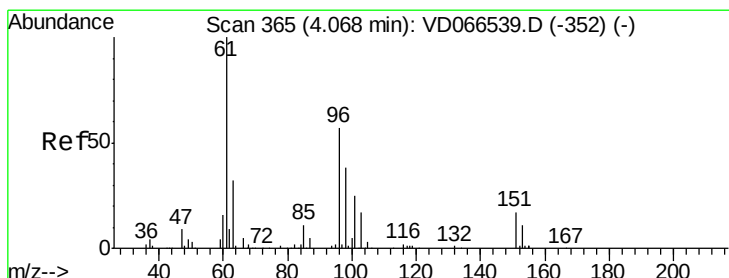
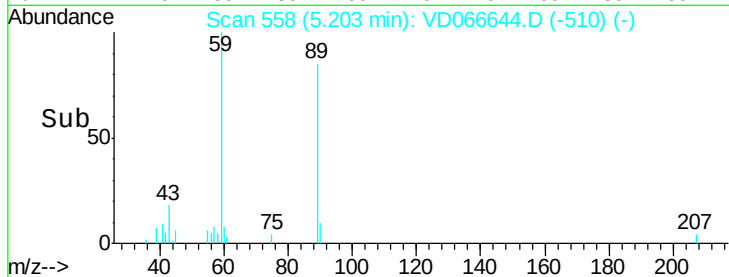
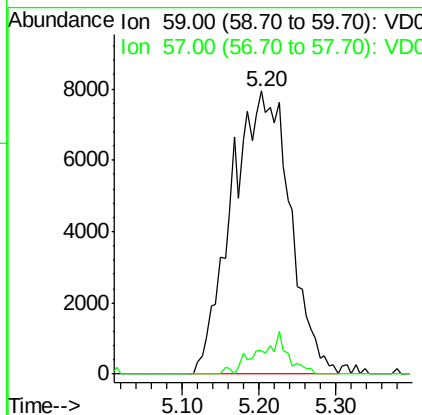
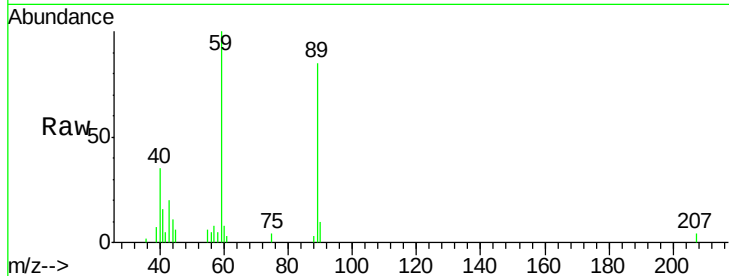
Tert butyl alcohol
Concen: 140.028 ug/l
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#

Manual Integrations
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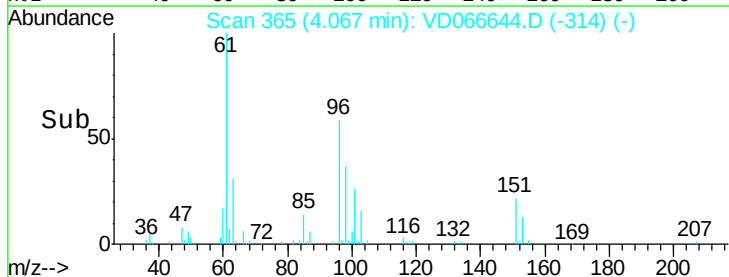
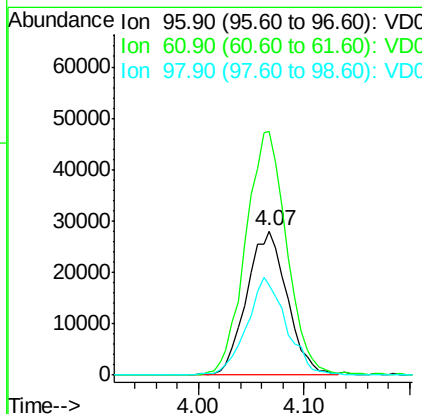
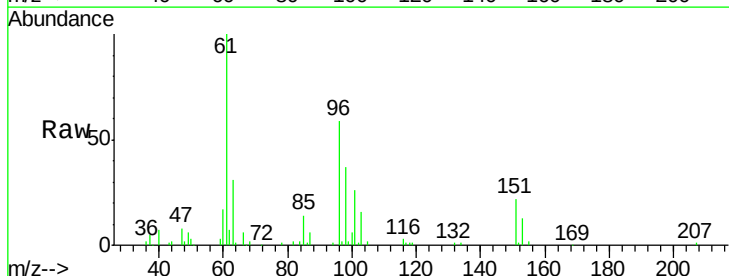
MMDadoda
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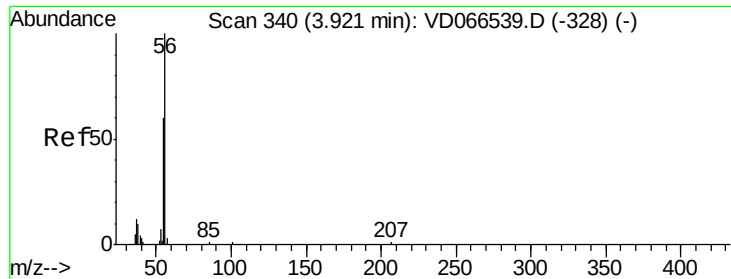


#12

1,1-Dichloroethene
Concen: 21.364 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.3	140.9	211.3
98	62.2	53.2	79.8





#13

Acrolein

Concen: 84.404 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD0911SBS01

Tot Ion: 56 Resp: 14491

Ion Ratio Lower Upper

56 100

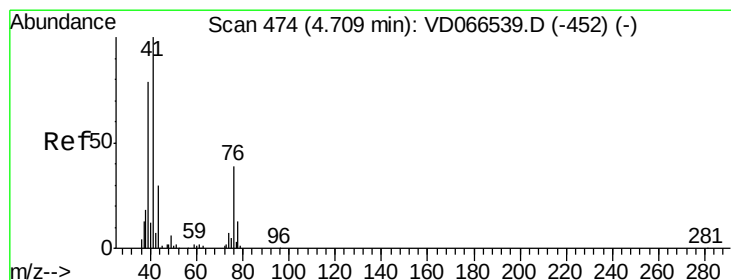
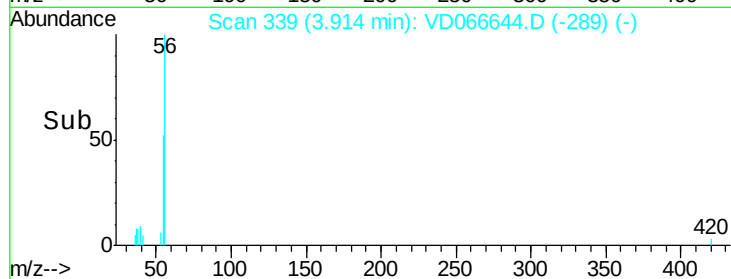
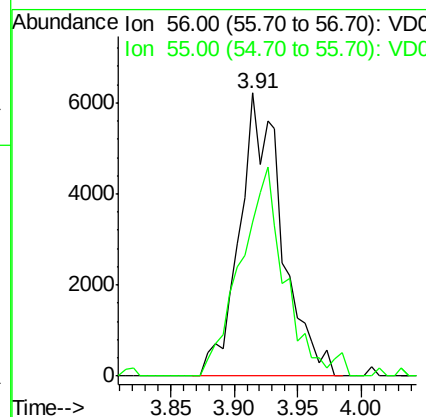
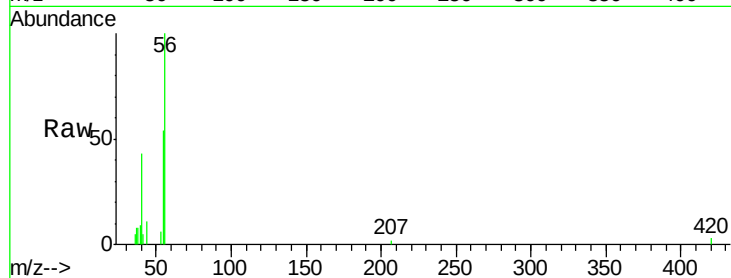
55 75.5 53.6 80.4

Manual Integrations

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#14

Allyl chloride

Concen: 21.187 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

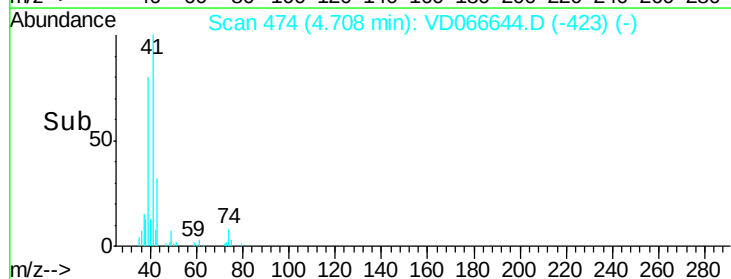
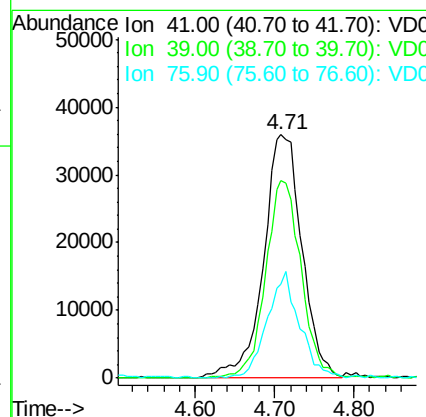
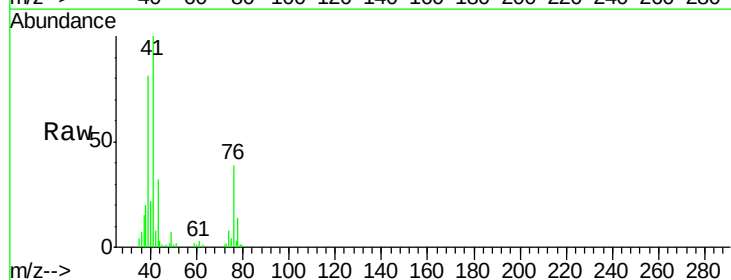
Tgt Ion: 41 Resp: 121407

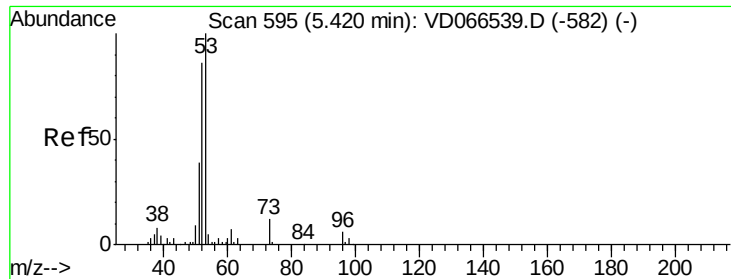
Ion Ratio Lower Upper

41 100

39 74.6 61.9 92.9

76 37.0 29.0 43.6





#15

Acrylonitrile

Concen: 109.093 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

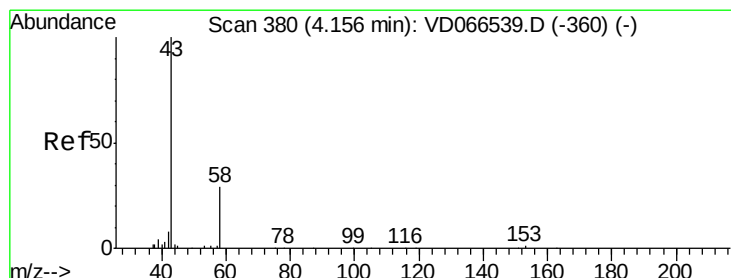
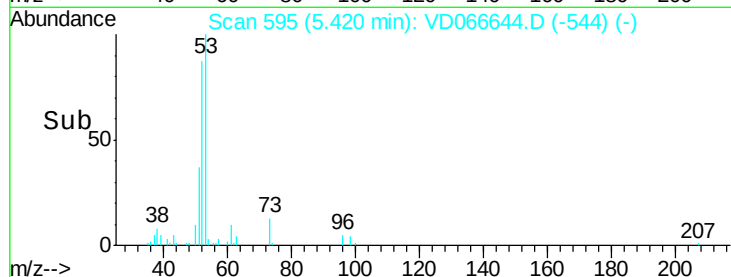
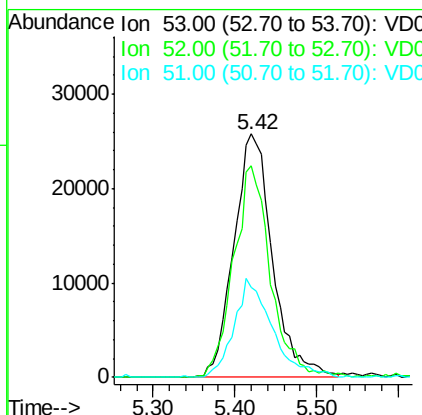
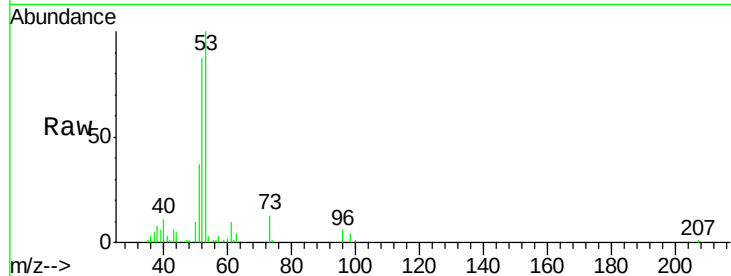
ClientSampleId :

VD0911SBS01

Tot Ion:	53	Resp:	84861
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.4	98.2
51	39.8	31.2	46.8

Manual Integrations
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#16

Acetone

Concen: 119.053 ug/l

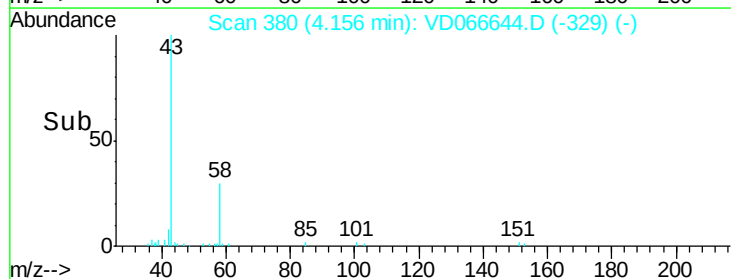
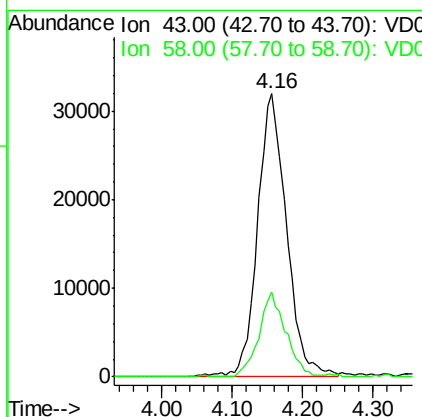
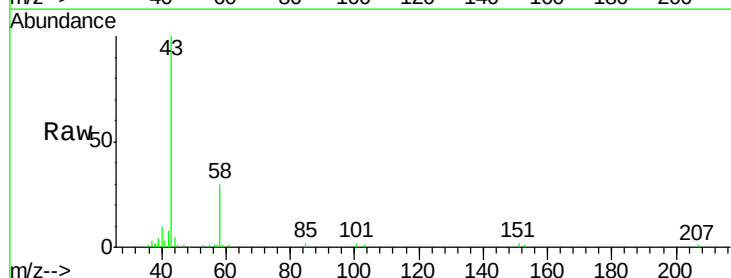
RT: 4.16 min Scan# 380

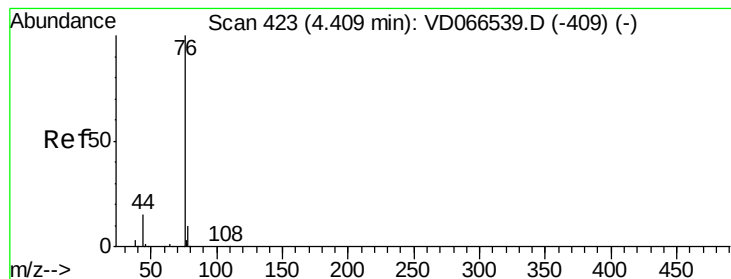
Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Tgt Ion:	43	Resp:	91979
Ion Ratio	Lower	Upper	
43	100		
58	30.2	22.9	34.3





#17

Carbon Disulfide

Concen: 21.441 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD0911SBS01

Tot Ion: 76 Resp: 246455

Ion Ratio Lower Upper

76 100

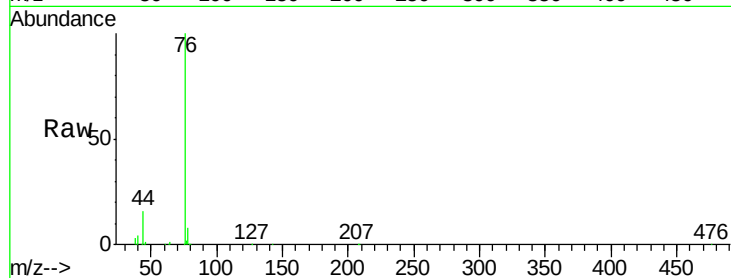
78 8.4 7.6 11.4

Manual Integrations

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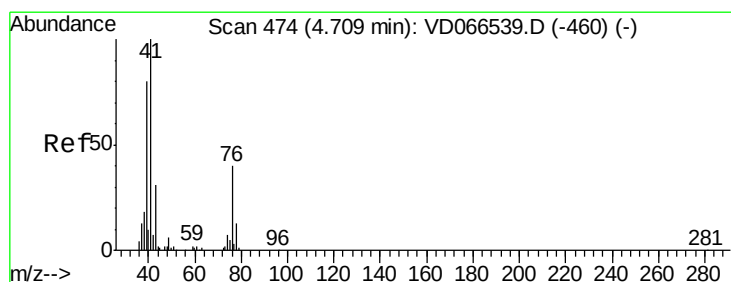
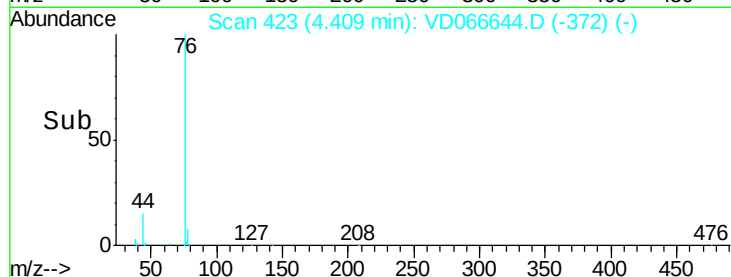
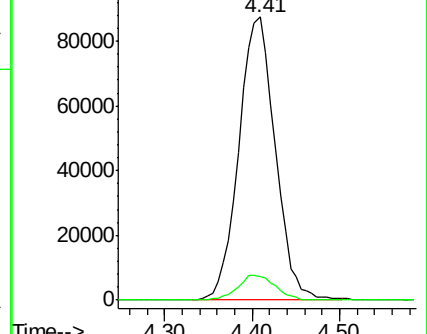
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 21.492 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD066644.D

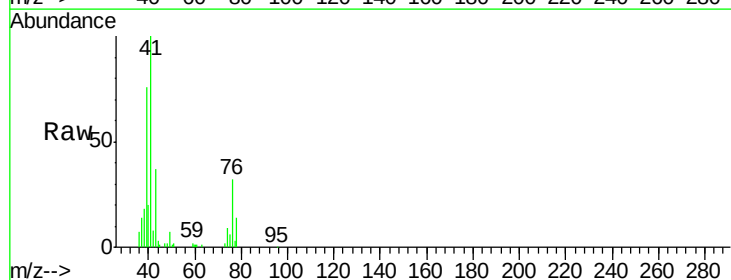
Acq: 11 Sep 2020 13:17

Tgt Ion: 43 Resp: 39581

Ion Ratio Lower Upper

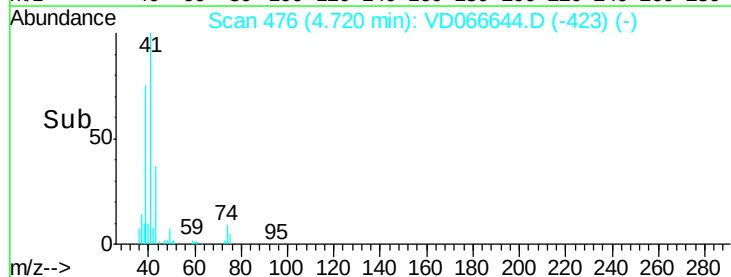
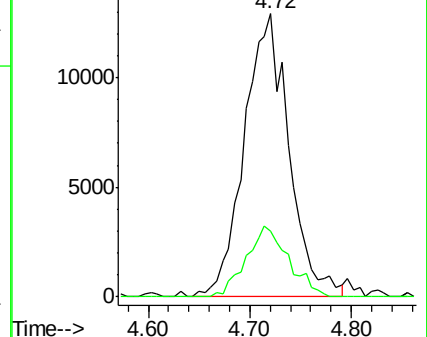
43 100

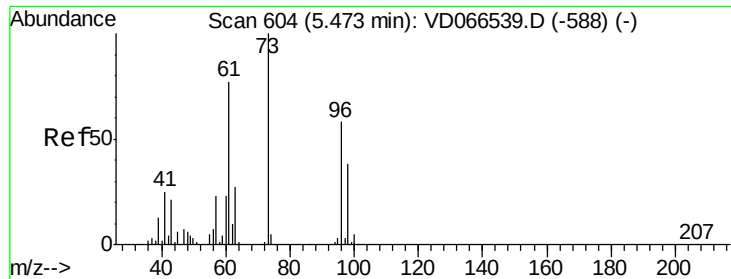
74 23.8 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





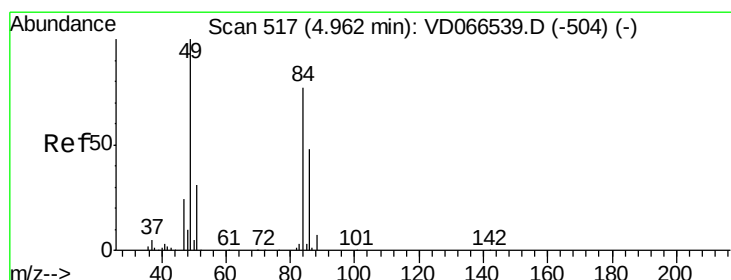
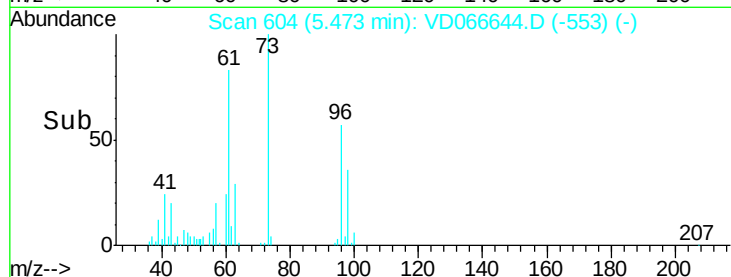
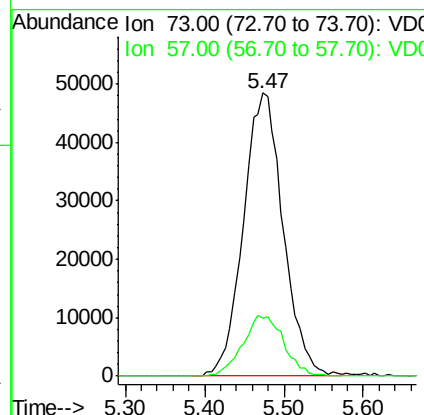
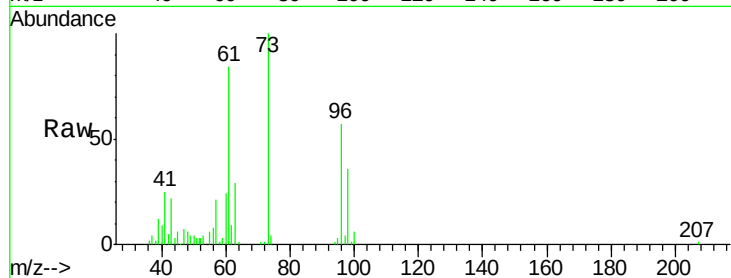
#19
Methyl tert-butyl Ether
Concen: 20.609 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion: 73 Resp: 168979
Ion Ratio Lower Upper
73 100
57 20.6 18.3 27.5

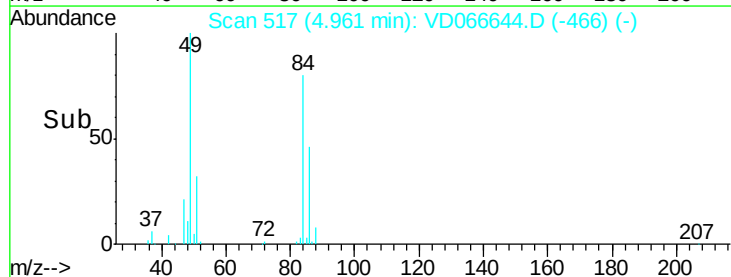
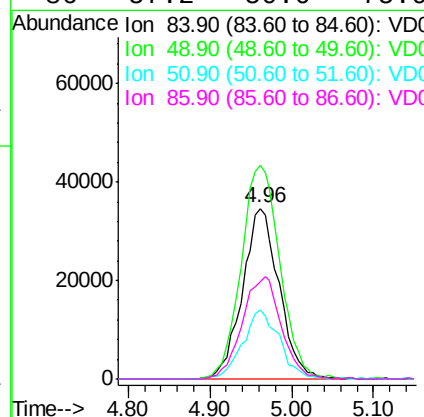
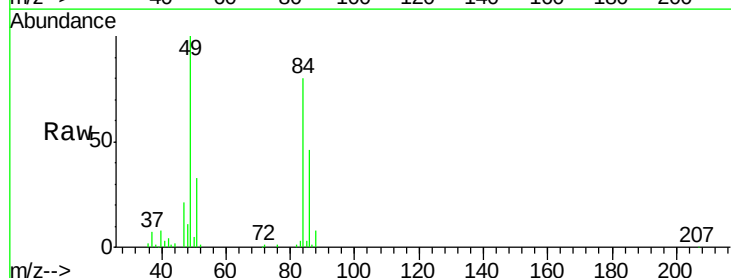
Manual Integrations
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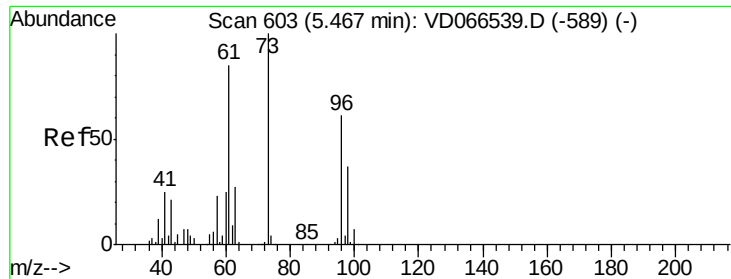
MMDadoda
9/14/2020 12:06:44 PM



#20
Methylene Chloride
Concen: 21.957 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion: 84 Resp: 108079
Ion Ratio Lower Upper
84 100
49 125.2 104.3 156.5
51 40.8 32.2 48.4
86 57.2 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 21.488 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD0911SBS01

Tot Ion: 96 Resp: 89218

Ion Ratio Lower Upper

96 100

61 136.4 112.1 168.1

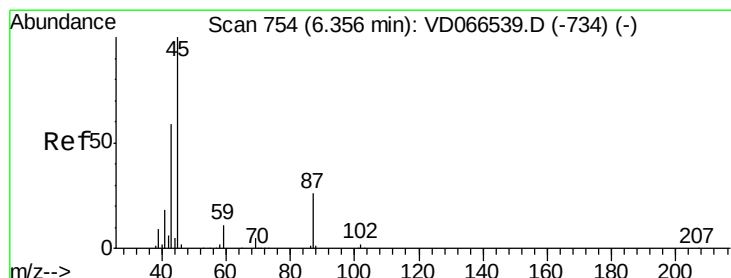
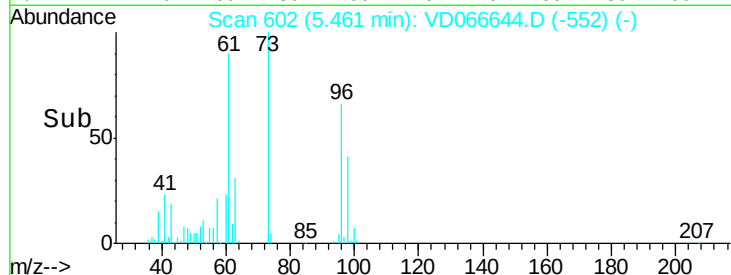
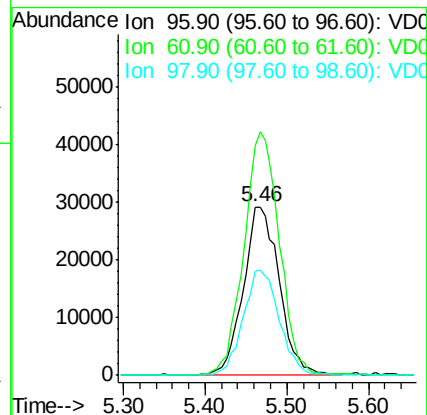
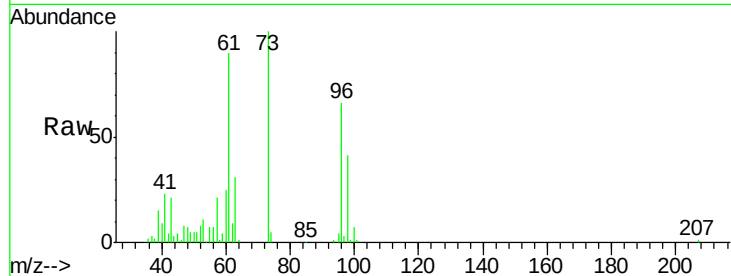
98 62.1 48.6 72.8

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#22

Diisopropyl ether

Concen: 21.988 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Tgt Ion: 45 Resp: 259108

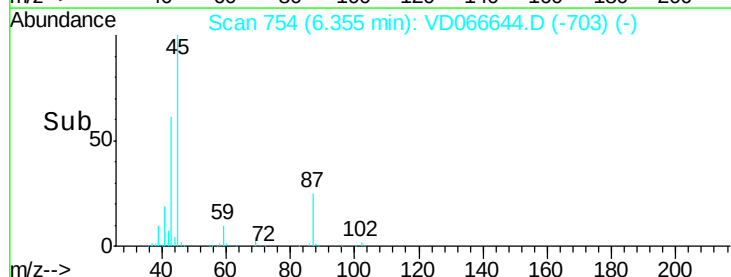
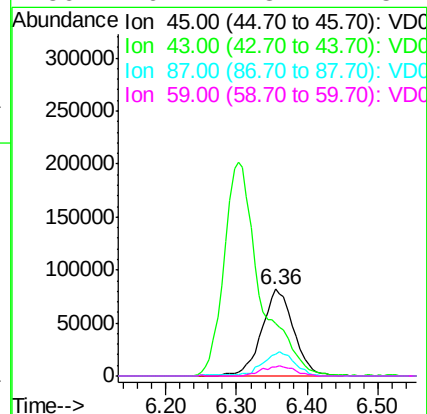
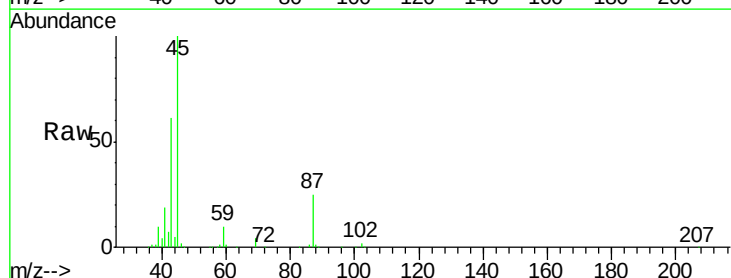
Ion Ratio Lower Upper

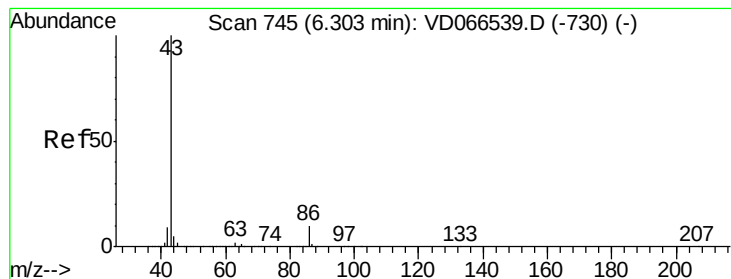
45 100

43 60.9 47.0 70.4

87 24.6 21.3 31.9

59 10.2 8.7 13.1





#23

Vinyl Acetate

Concen: 106.321 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD0911SBS01

Tot Ion: 43 Resp: 712978

Ion Ratio Lower Upper

43 100

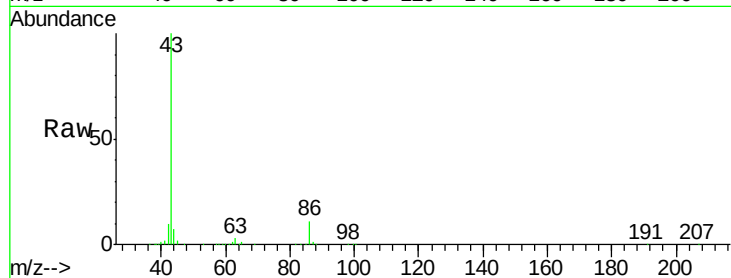
86 10.9 7.7 11.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

200000

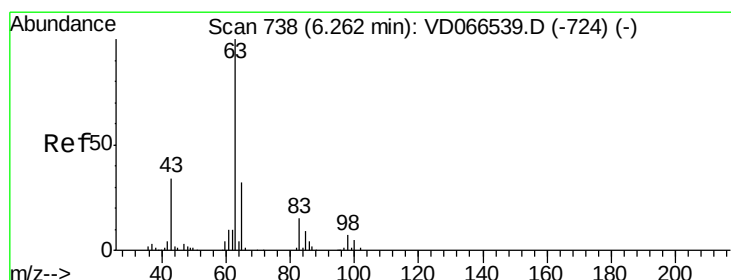
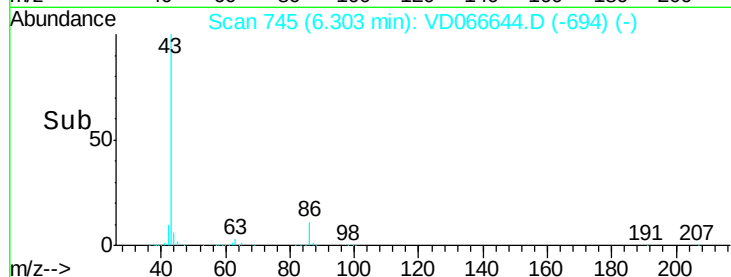
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 21.486 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

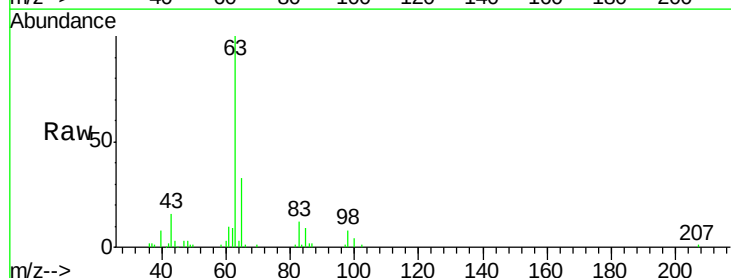
Tgt Ion: 63 Resp: 159223

Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.1

100 4.0 2.5 7.4



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

6.26

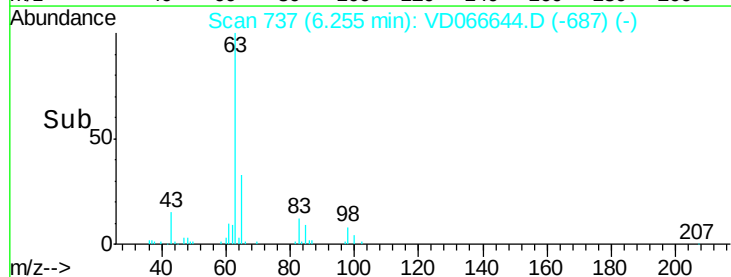
60000

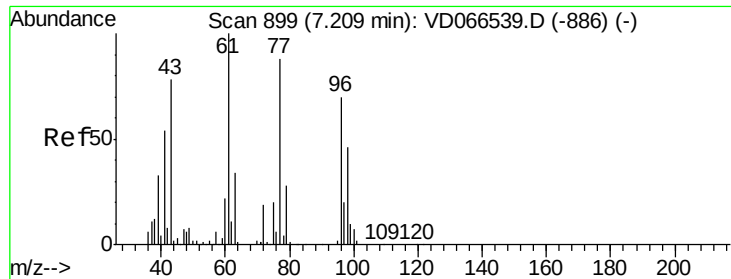
40000

20000

0

Time--> 6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 112.789 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD0911SBS01

Tot Ion: 43 Resp: 116975

Ion Ratio Lower Upper

43 100

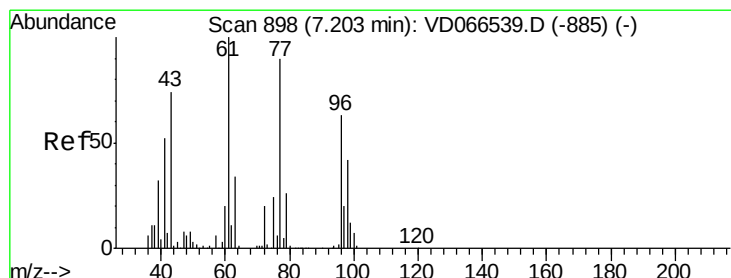
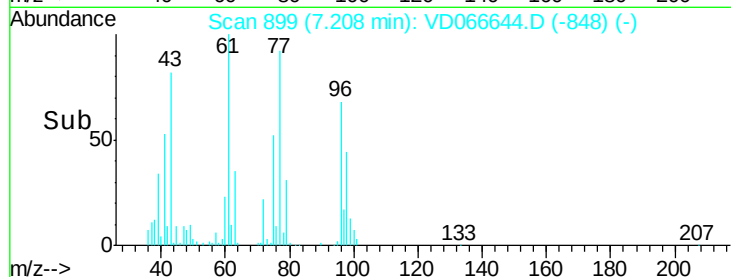
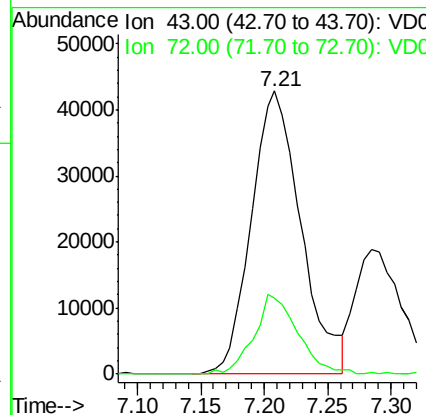
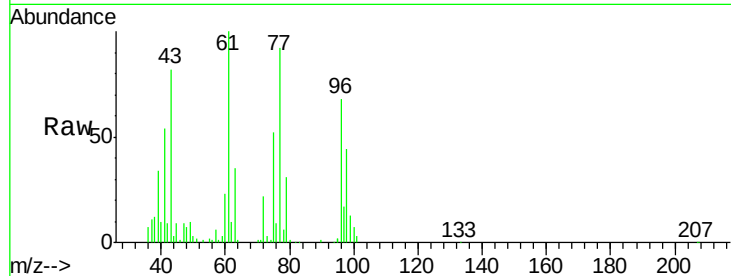
72 26.7 19.8 29.6

Manual Integrations

APPROVED

MMDadoda

9/14/2020 12:06:44 PM



#26

2,2-Dichloropropane

Concen: 21.951 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.00 min

Lab File: VD066644.D

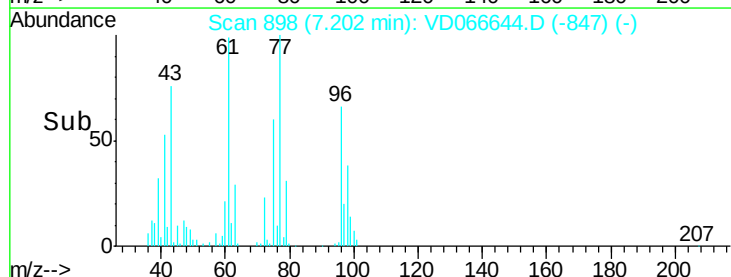
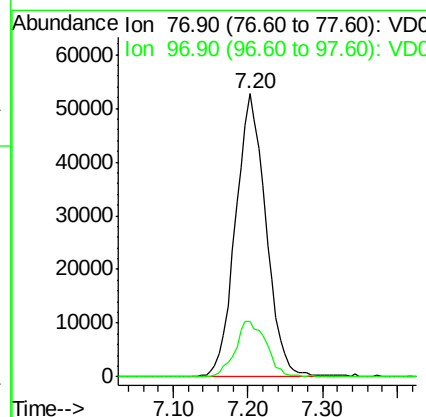
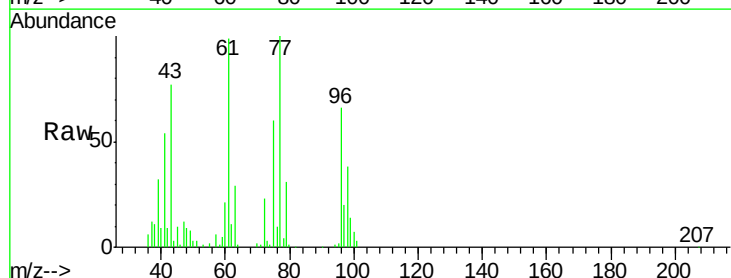
Acq: 11 Sep 2020 13:17

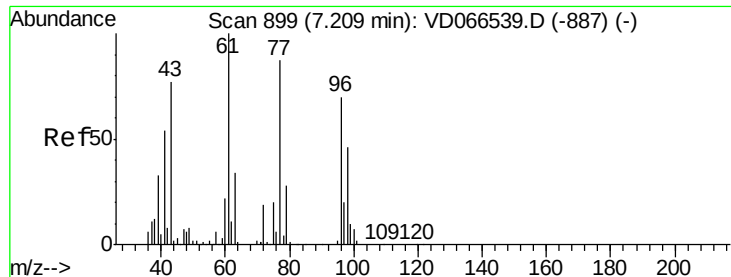
Tgt Ion: 77 Resp: 149212

Ion Ratio Lower Upper

77 100

97 20.0 10.8 32.3





#27

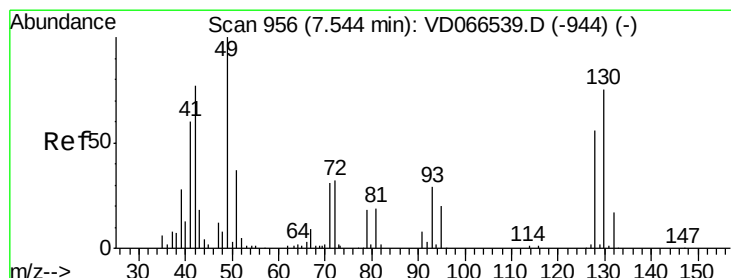
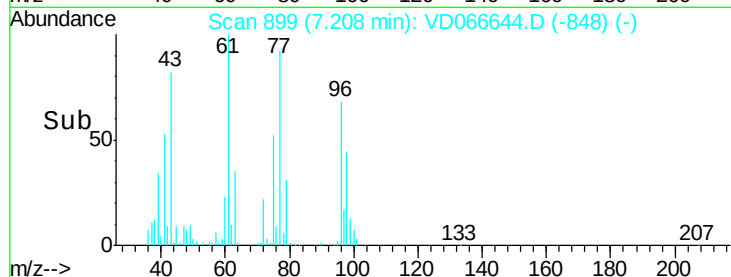
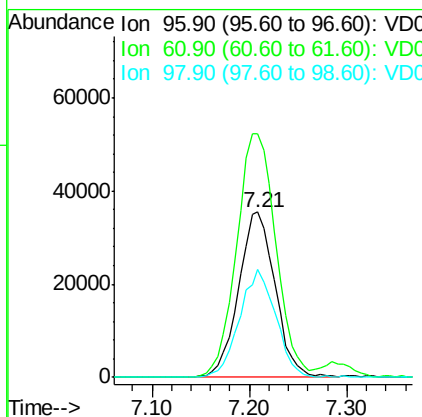
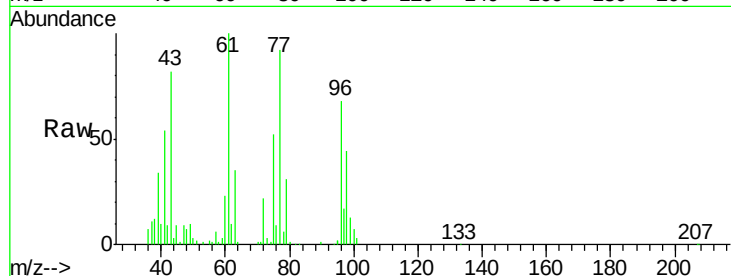
cis-1,2-Dichloroethene
Concen: 20.816 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.1	0.0	301.0	
98	64.8	0.0	129.8	

Manual Integrations
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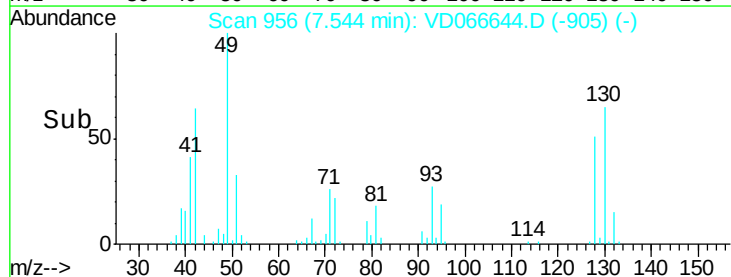
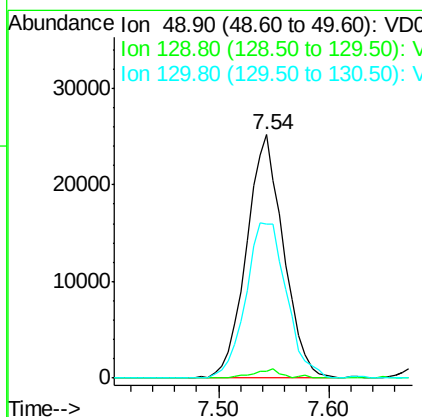
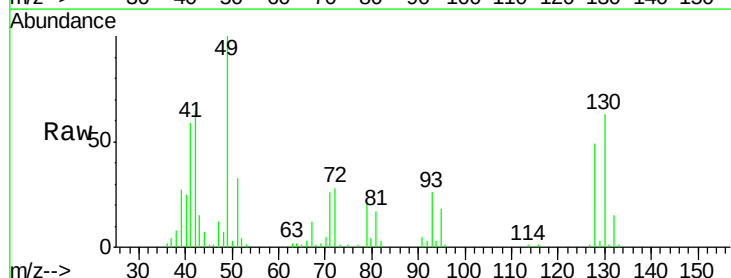
MMDadoda
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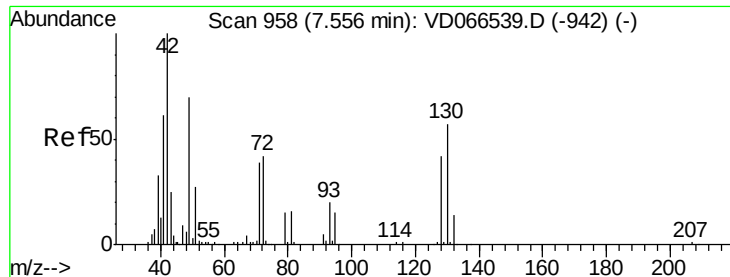


#28

Bromochloromethane
Concen: 20.722 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	2.6#	
130	70.1	58.2	87.2	





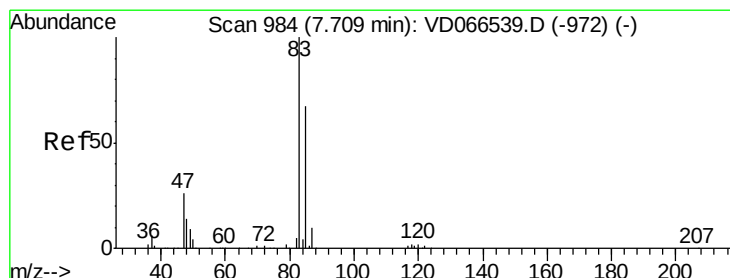
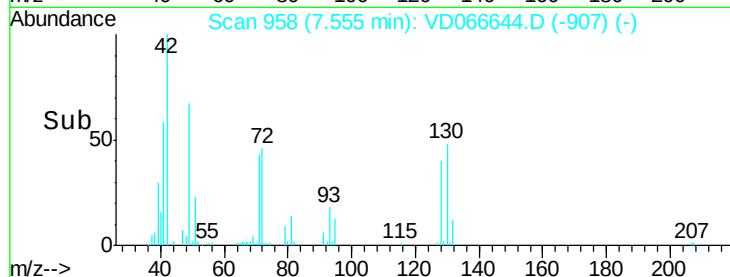
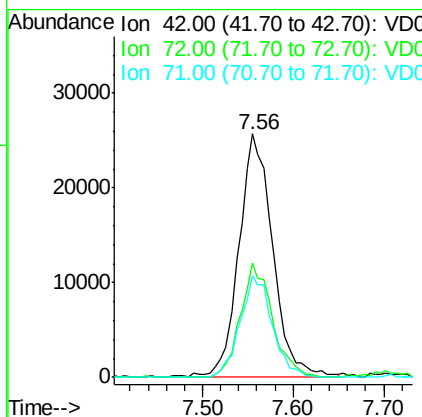
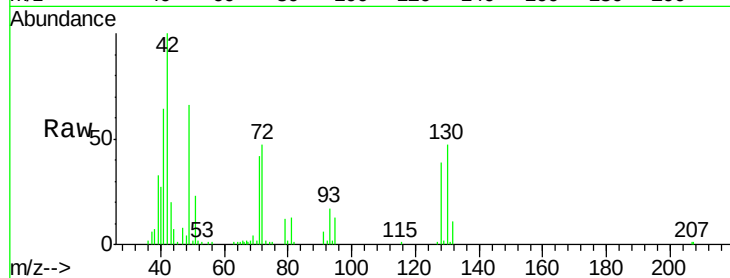
#29
Tetrahydrofuran
Concen: 103.217 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	33.4	50.0
71	39.5	31.9	47.9

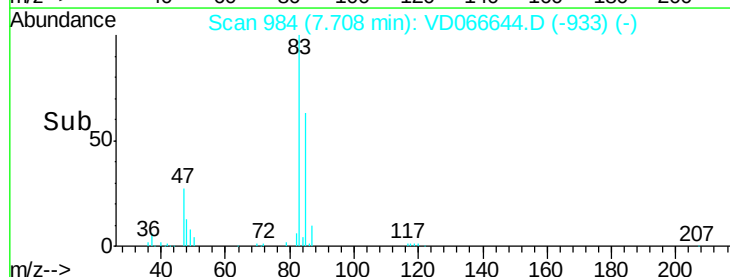
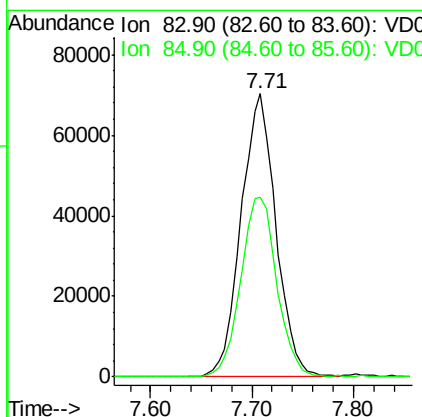
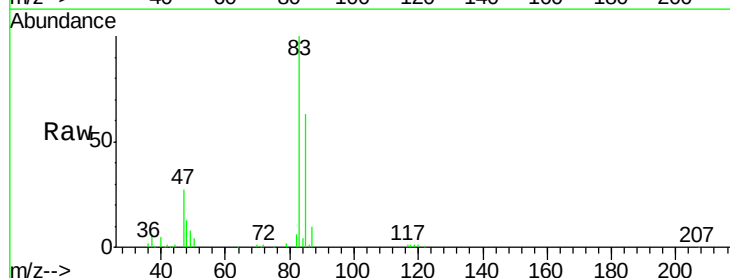
Manual Integrations
APPROVED

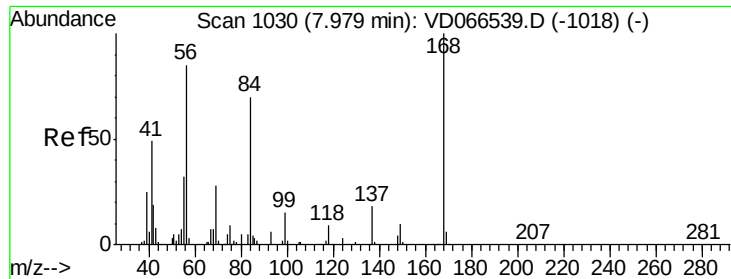
MMDadoda
9/14/2020 12:06:44 PM



#30
Chloroform
Concen: 21.399 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	53.6	80.4





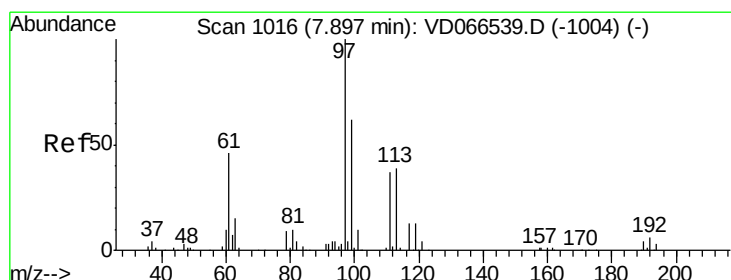
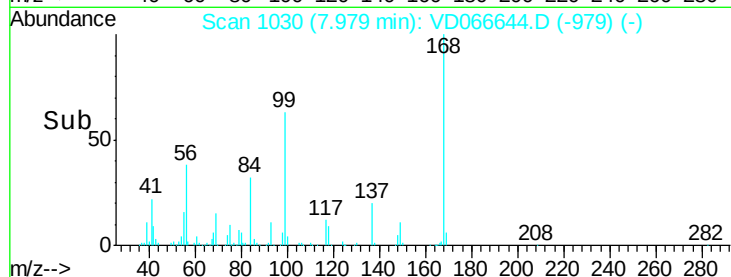
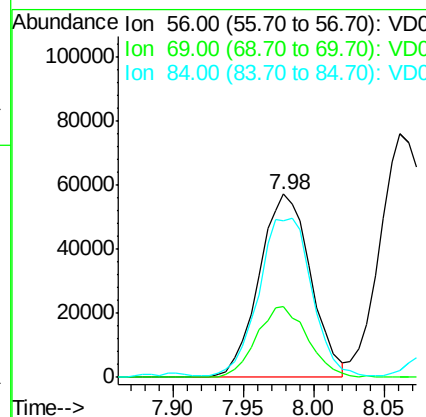
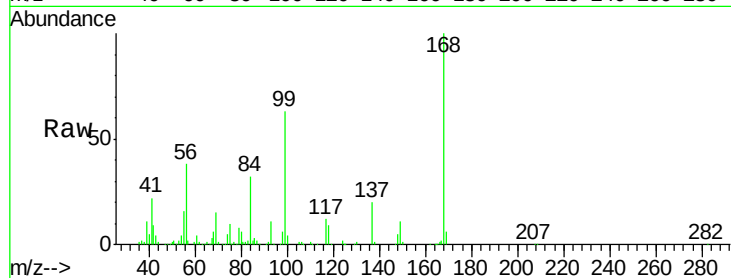
#31
Cyclohexane
Concen: 21.296 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.7	26.3	39.5
84	84.1	66.1	99.1

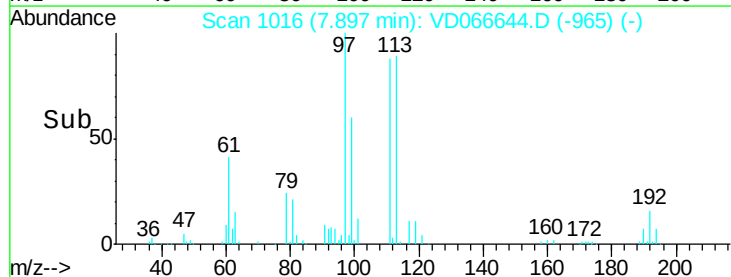
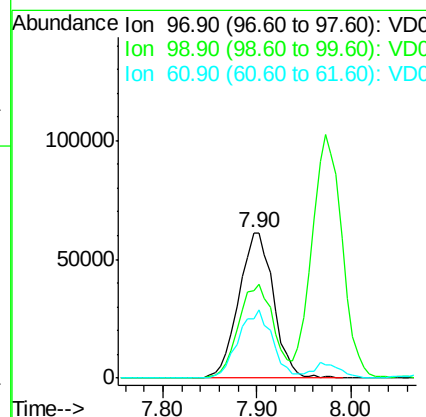
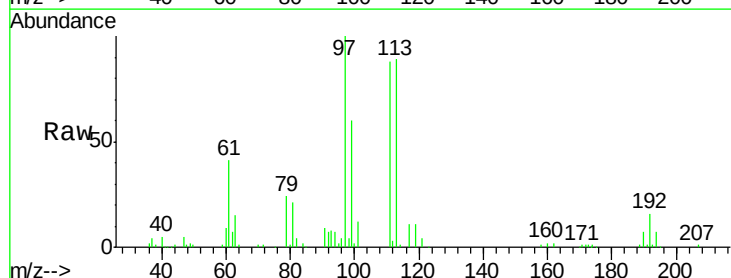
Manual Integrations
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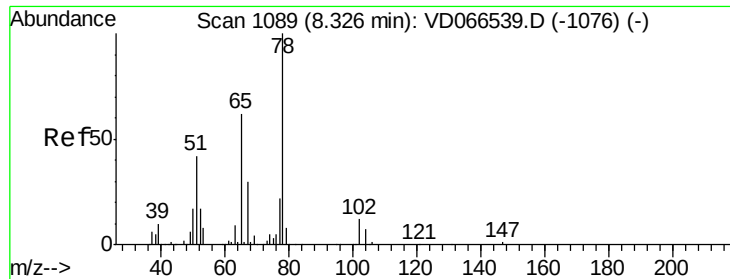
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#32
1,1,1-Trichloroethane
Concen: 21.295 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.4	77.0
61	46.2	37.4	56.0





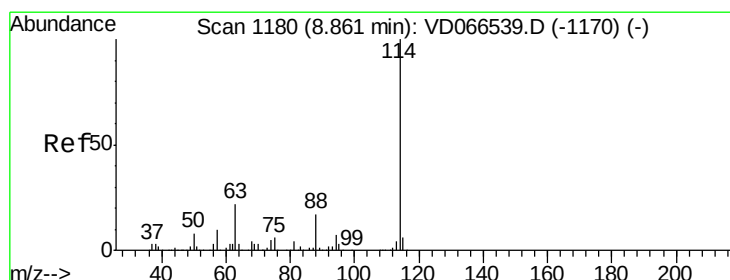
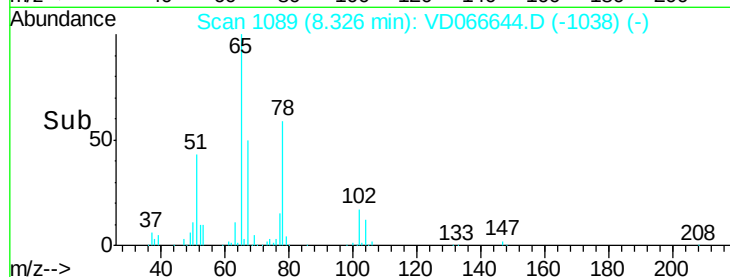
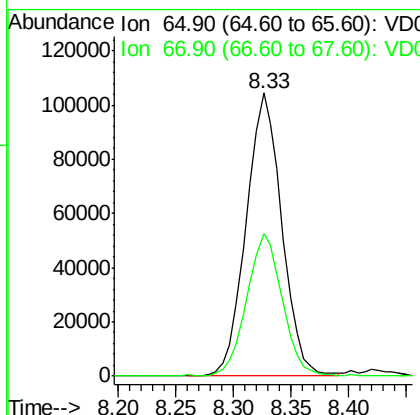
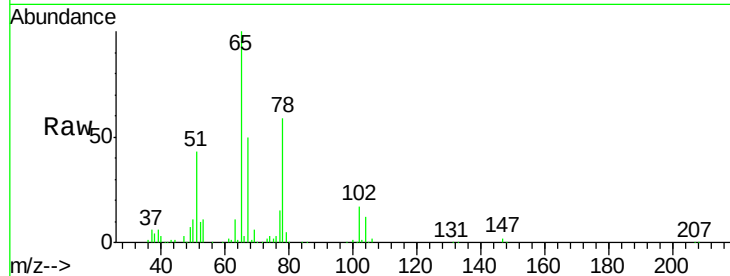
#33
 1,2-Dichloroethane-d4
 Concen: 53.453 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	224446		
67	50.0	0.0	102.8	

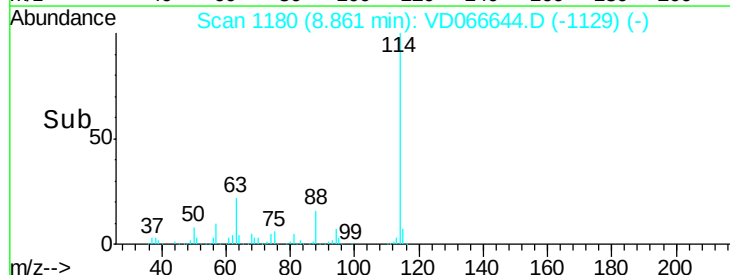
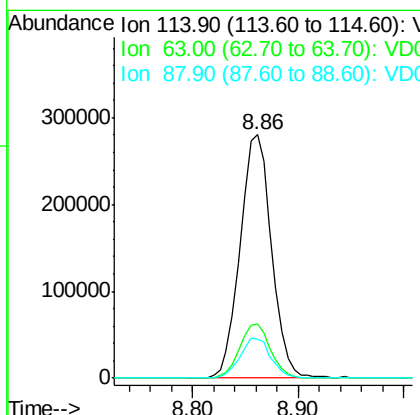
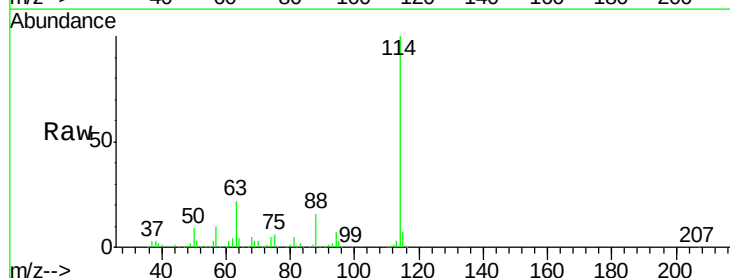
Manual Integrations
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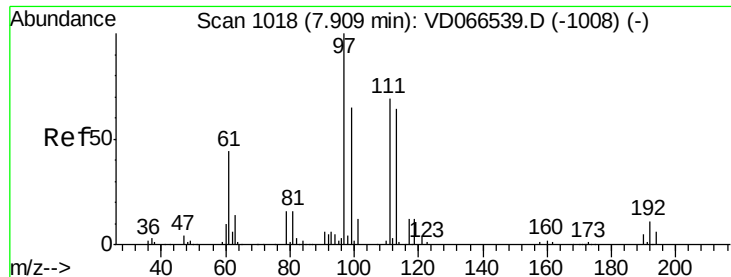
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	578999		
63	22.1	0.0	43.2	
88	15.7	0.0	33.2	





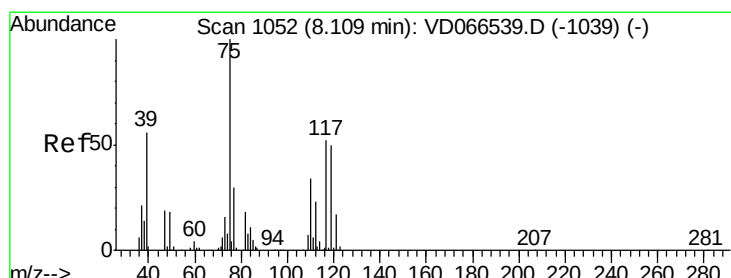
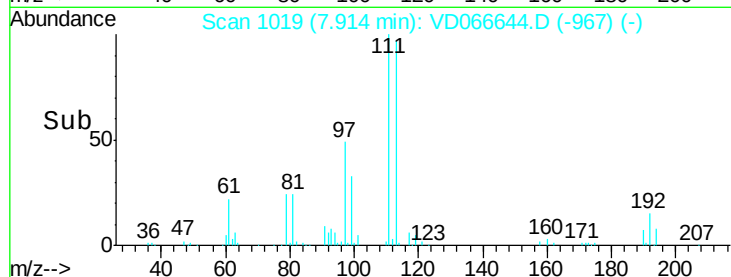
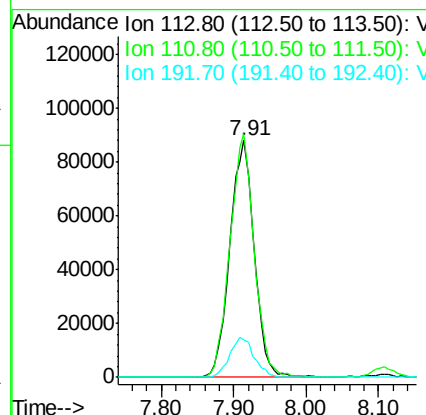
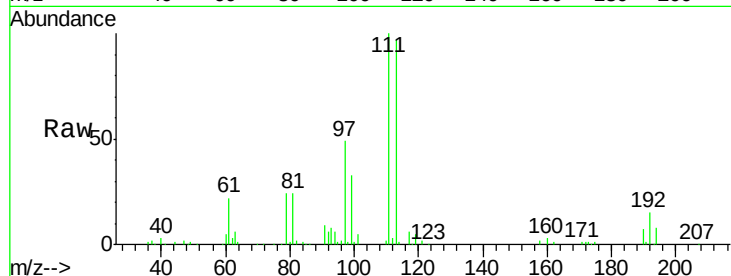
#35
 Dibromofluoromethane
 Concen: 52.710 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	205884		
111	101.6	83.2	124.8	
192	16.9	13.7	20.5	

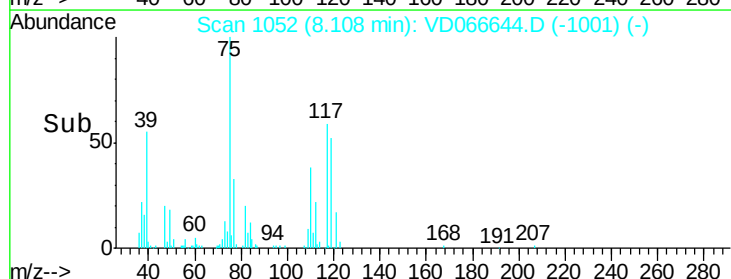
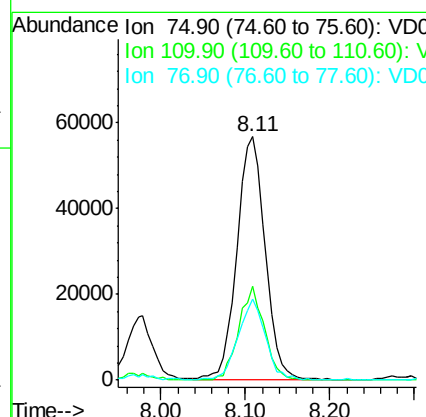
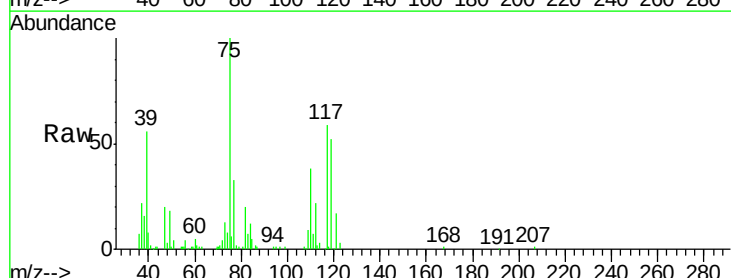
Manual Integrations
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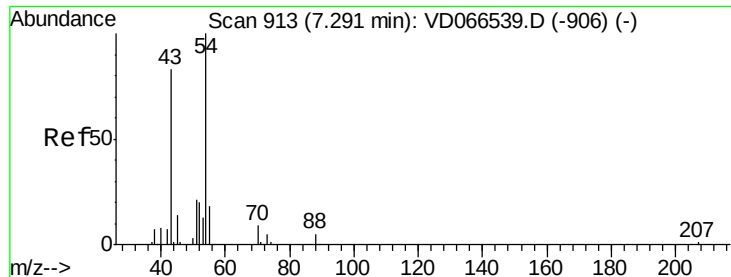
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#36
 1,1-Dichloropropene
 Concen: 21.781 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	131241		
110	34.6	17.3	52.0	
77	32.1	25.1	37.7	





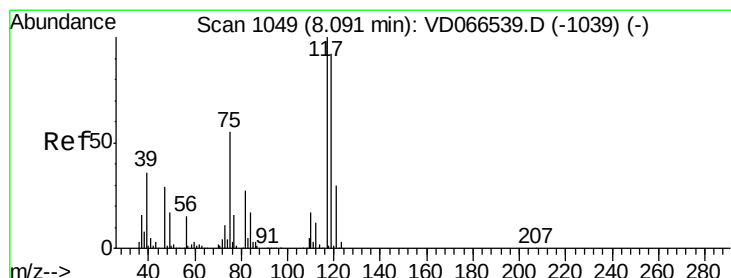
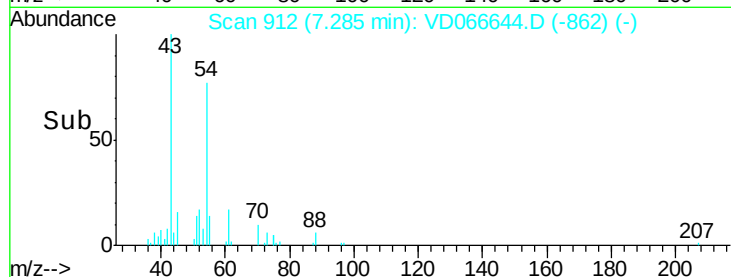
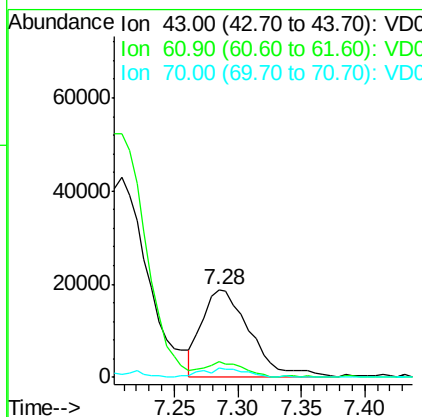
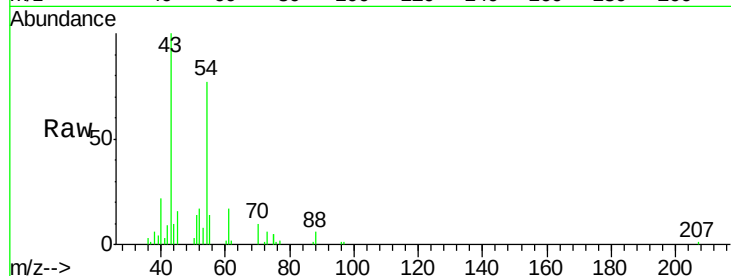
#37
Ethyl Acetate
Concen: 20.370 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	11.8	17.8
70	9.4	7.9	11.9

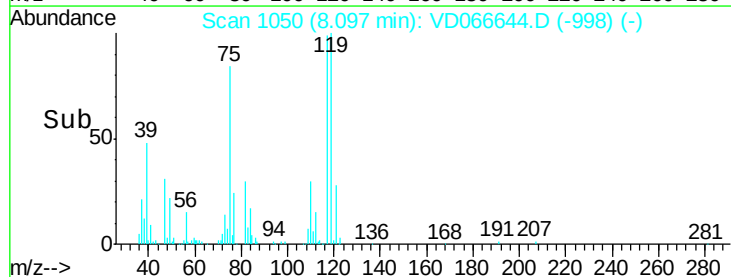
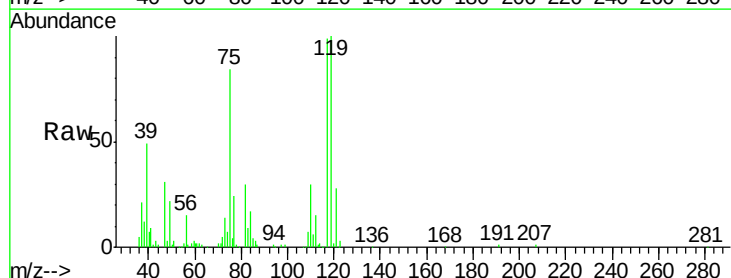
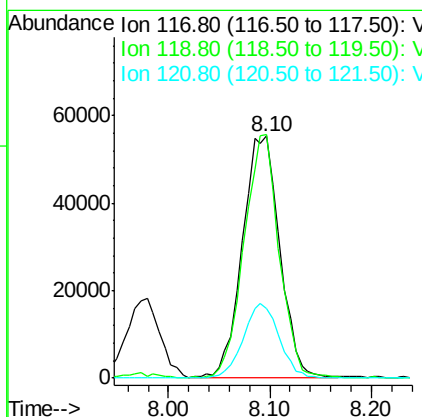
Manual Integrations
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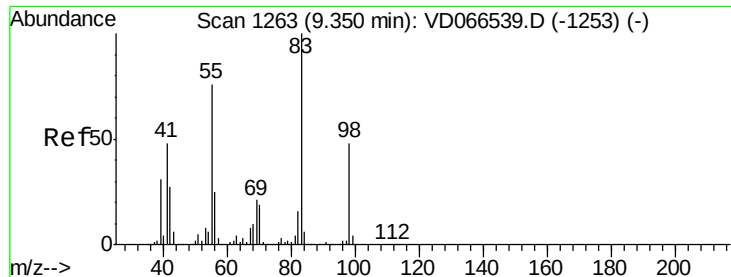
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#38
Carbon Tetrachloride
Concen: 22.056 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.0	73.9	110.9
121	28.8	24.1	36.1





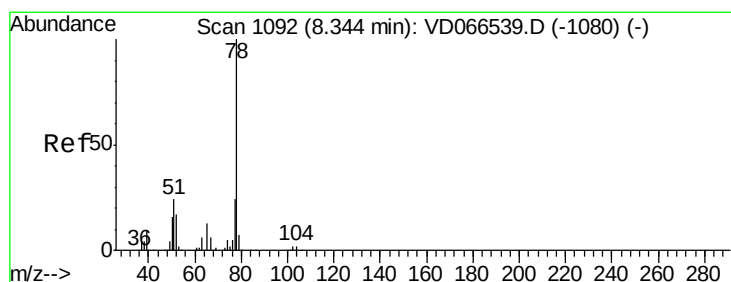
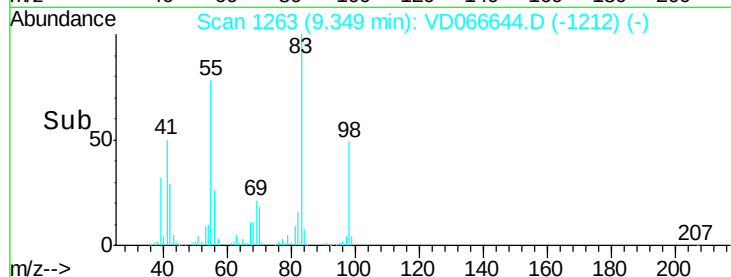
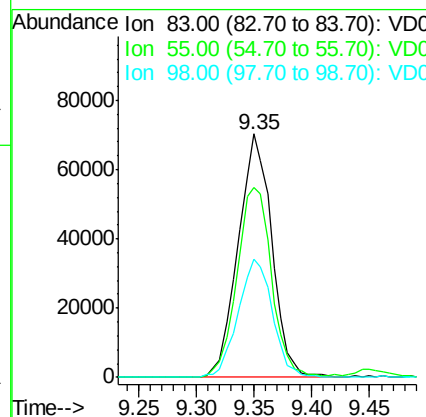
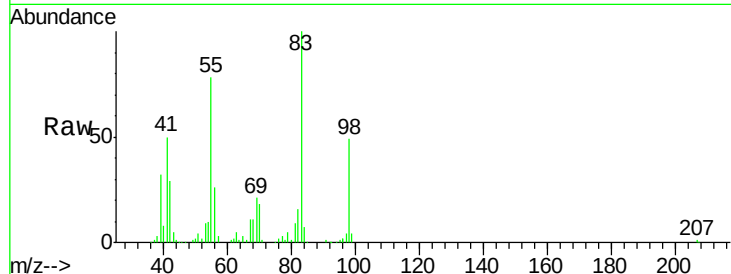
#39
Methylvlcyclohexane
Concen: 21.194 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	60.8	91.2
98	48.6	38.6	58.0

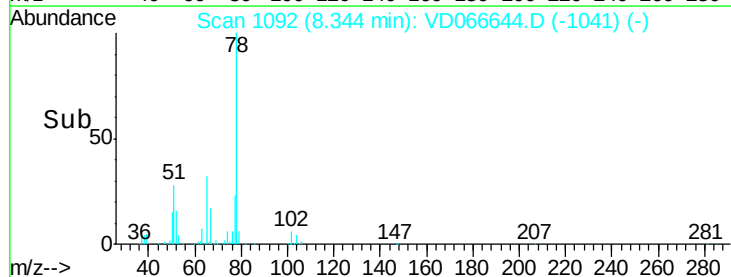
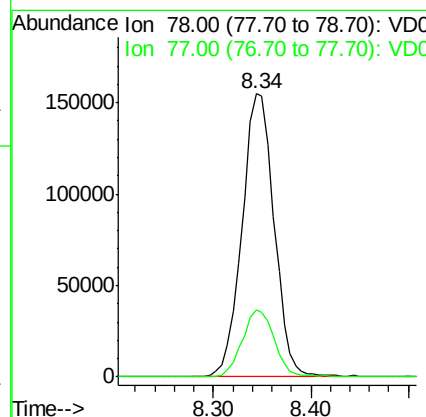
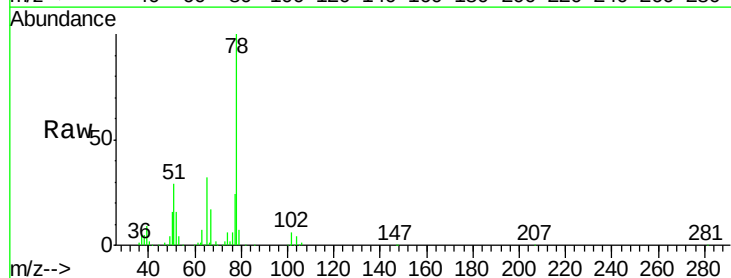
Manual Integrations
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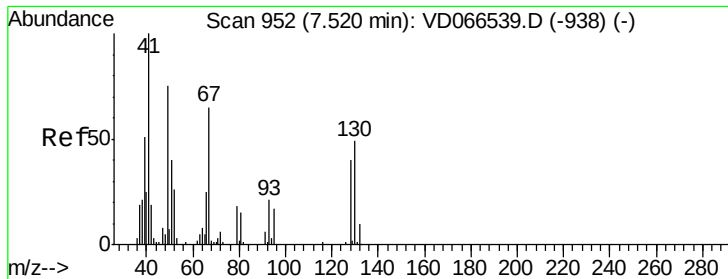
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#40
Benzene
Concen: 21.424 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





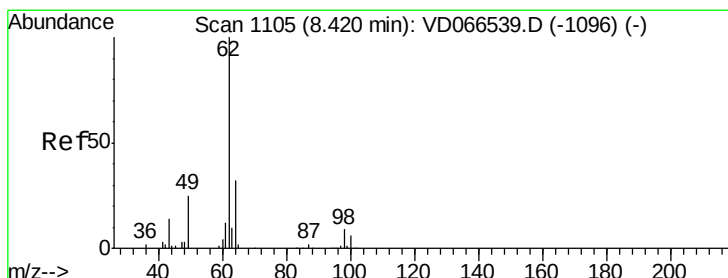
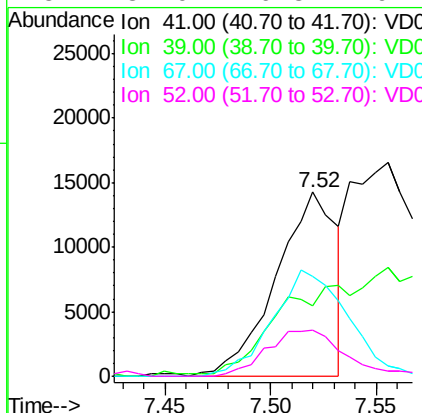
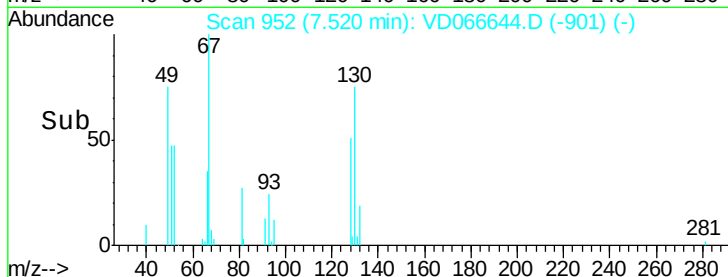
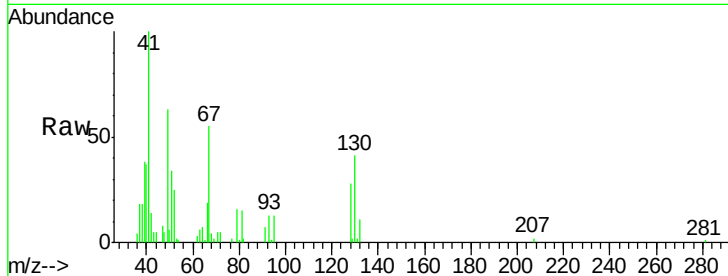
#41
Methacrylonitrile
Concen: 24.464 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		28413		
39	59.7	53.6	80.4		
67	72.2	59.2	88.8		
52	32.0	26.8	40.2		

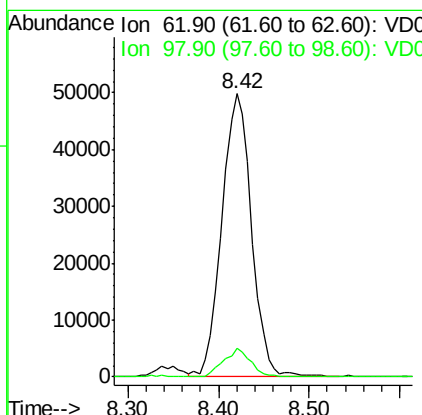
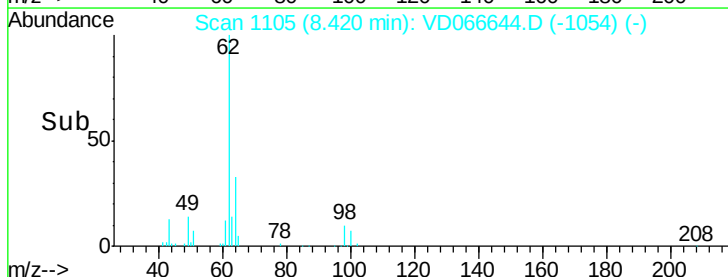
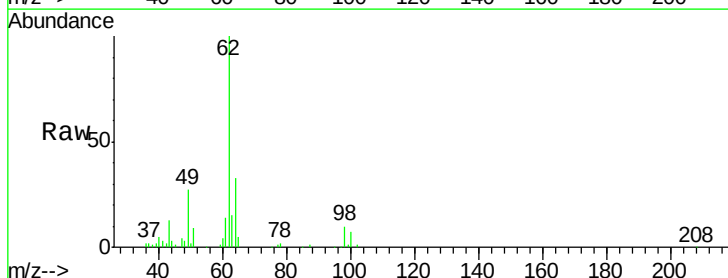
Manual Integrations
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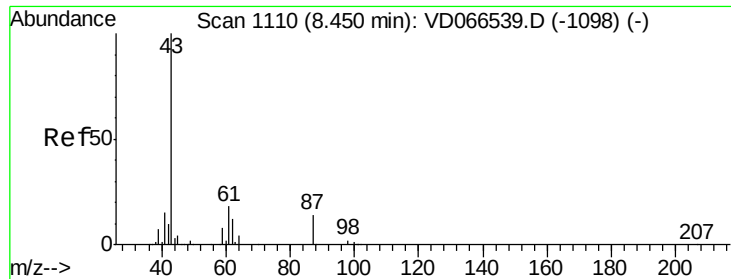
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#42
1,2-Dichloroethane
Concen: 21.137 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		113017		
98	9.4	0.0	17.6		





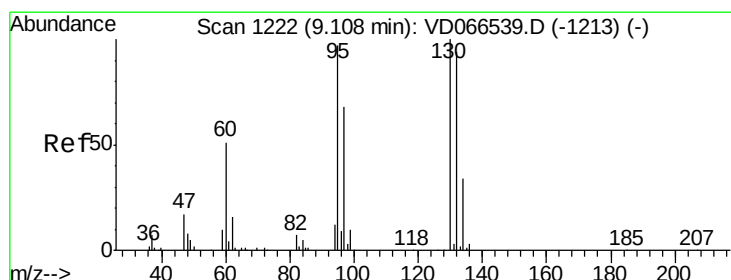
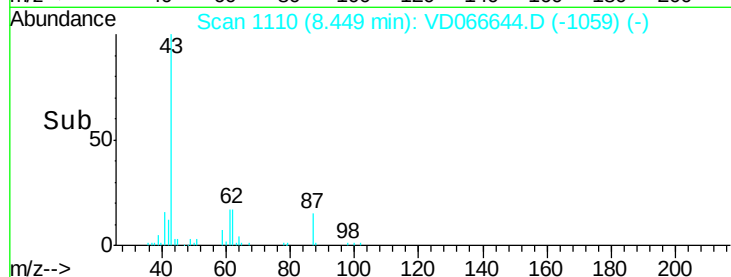
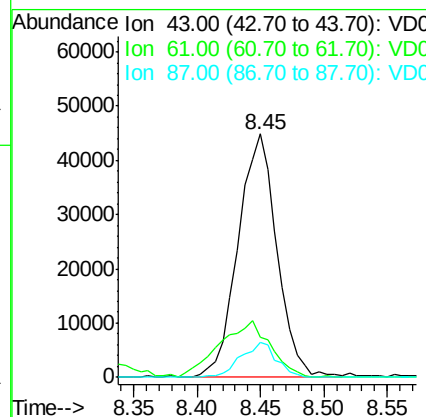
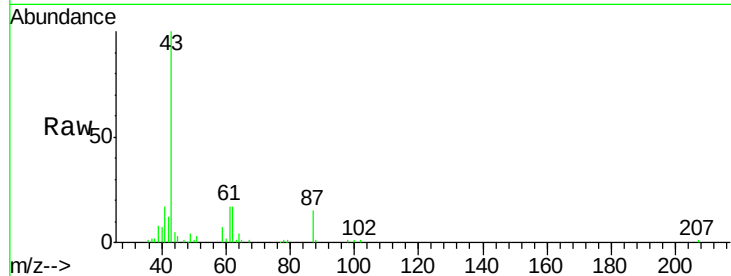
#43
Isopropyl Acetate
Concen: 20.746 ug/l
RT: 8.45 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.6	23.8	35.8
87	13.1	10.7	16.1

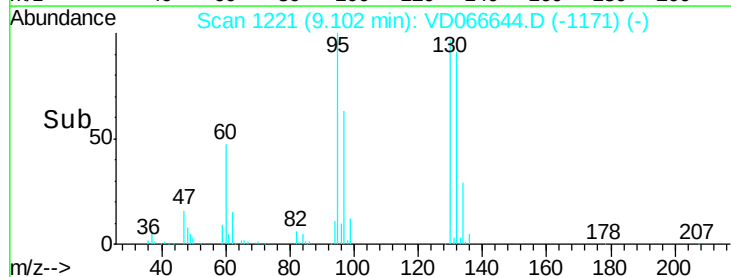
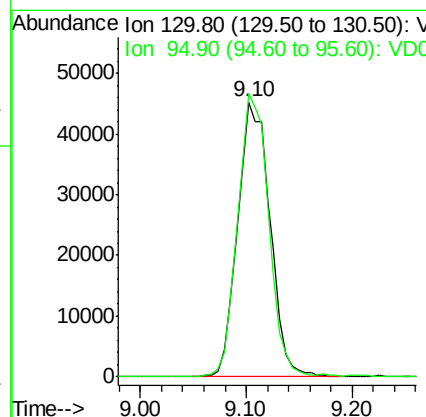
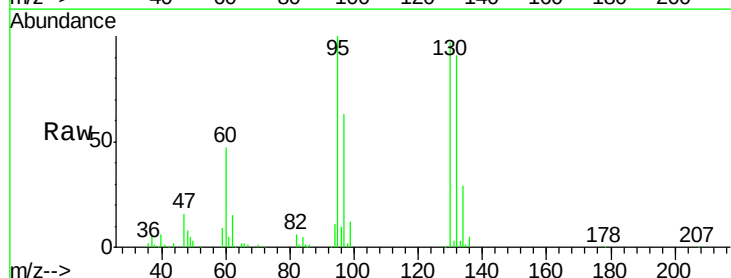
Manual Integrations
APPROVED

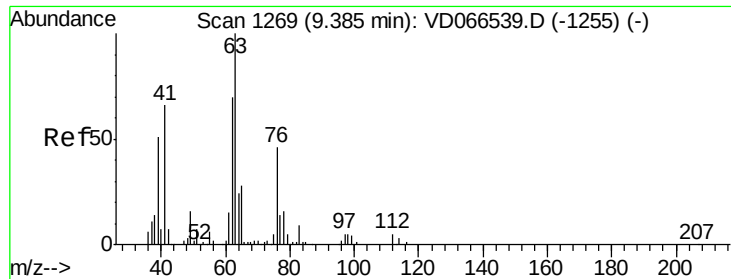
MMDadoda
9/14/2020 12:06:44 PM



#44
Trichloroethene
Concen: 22.136 ug/l
RT: 9.10 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	194.4





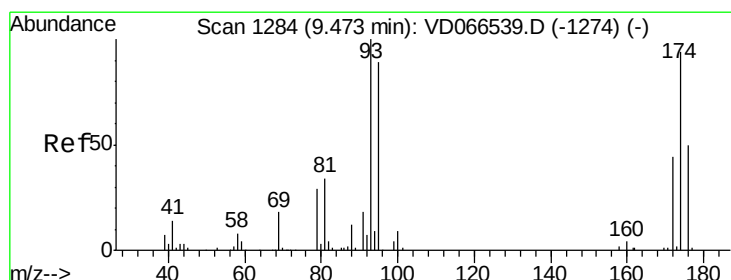
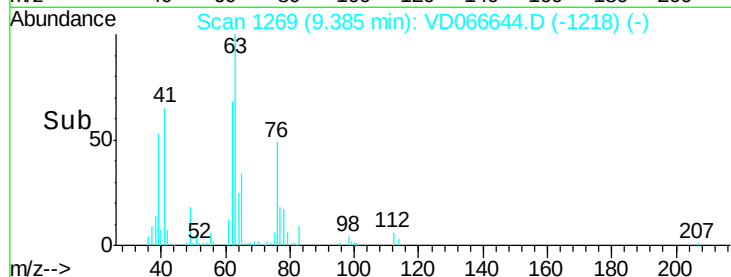
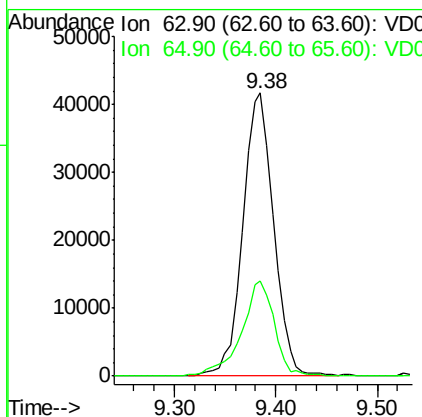
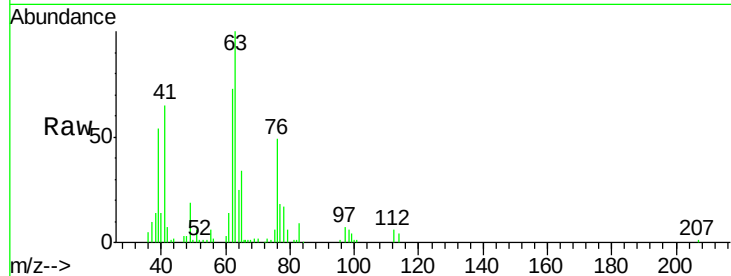
#45
 1,2-Dichloropropane
 Concen: 21.161 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBS01

Tot Ion: 63 Resp: 87822
 Ion Ratio Lower Upper
 63 100
 65 33.9 22.6 34.0

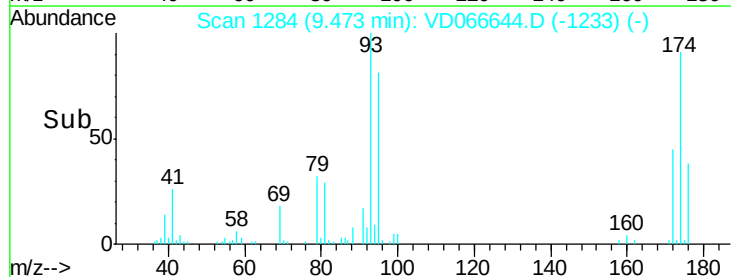
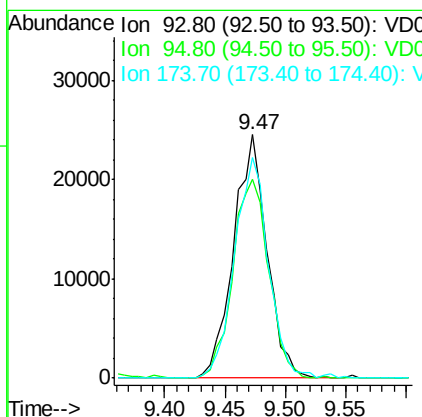
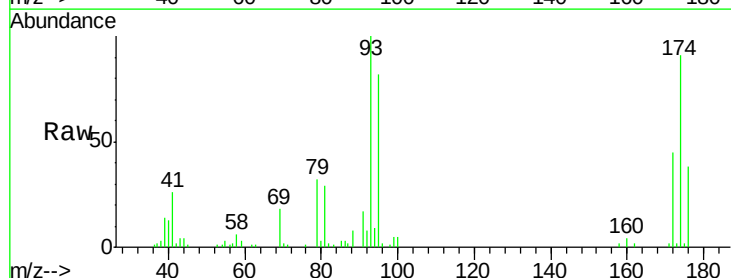
Manual Integrations
 APPROVED

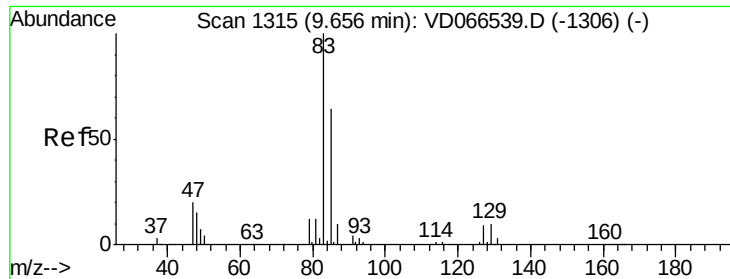
MMDadoda
 9/14/2020 12:06:44 PM



#46
 Dibromomethane
 Concen: 20.663 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Tgt Ion: 93 Resp: 47312
 Ion Ratio Lower Upper
 93 100
 95 87.8 68.7 103.1
 174 92.0 70.0 105.0





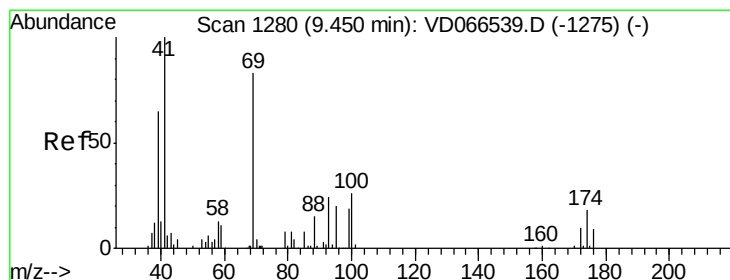
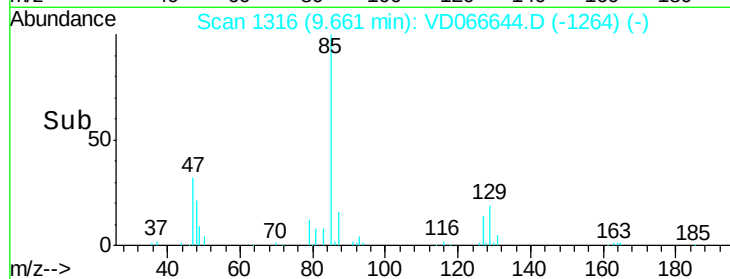
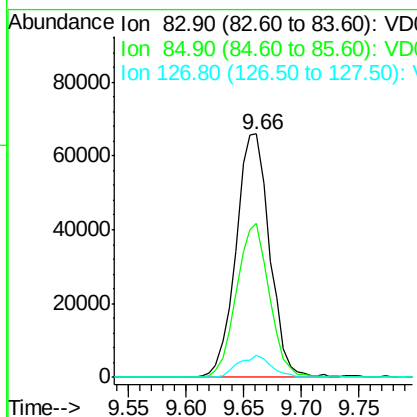
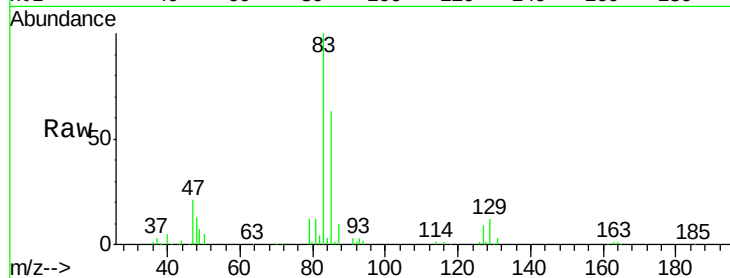
#47
Bromodichloromethane
Concen: 21.528 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.2	51.1	76.7	
127	8.9	6.9	10.3	

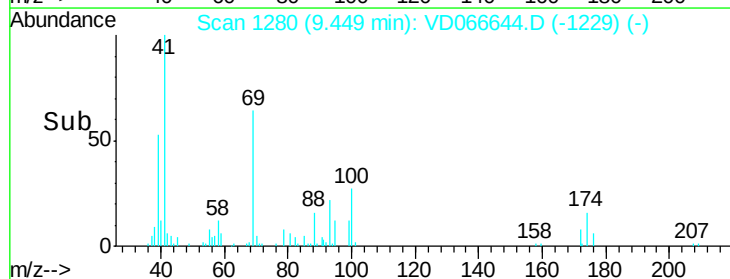
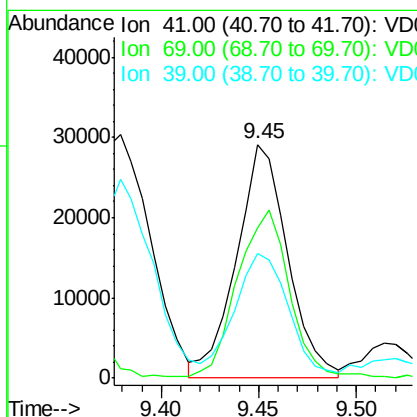
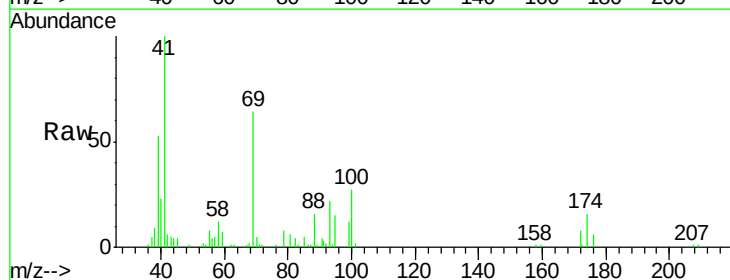
Manual Integrations
APPROVED

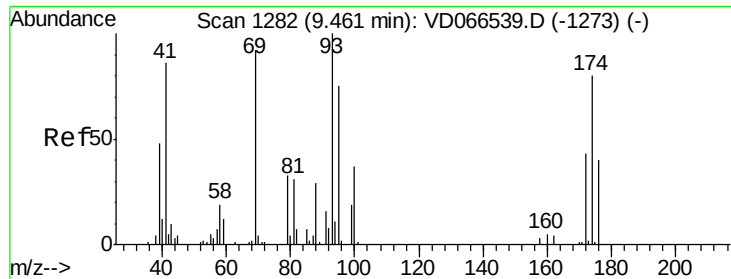
MMDadoda
9/14/2020 12:06:44 PM



#48
Methyl methacrylate
Concen: 22.813 ug/l
RT: 9.45 min Scan# 1280
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	73.6	64.5	96.7	
39	51.8	46.6	69.8	





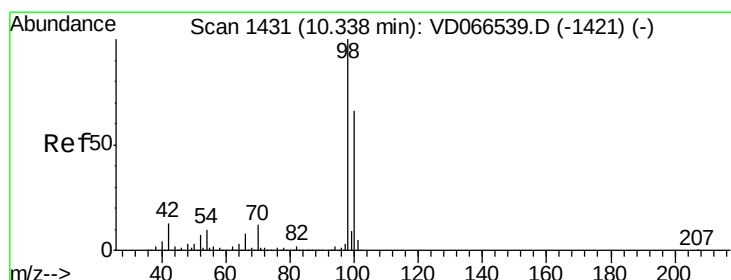
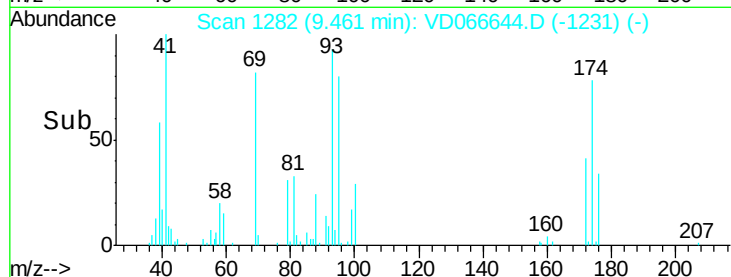
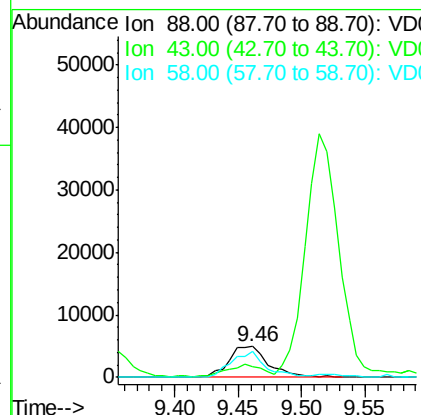
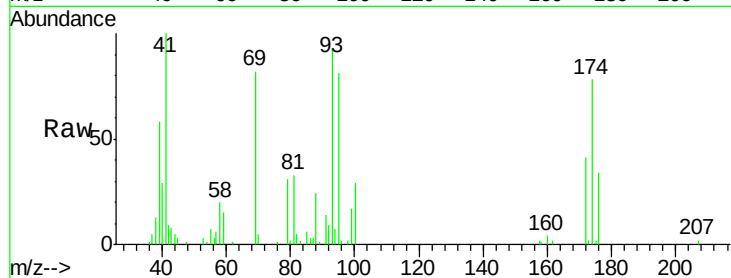
#49
1,4-Dioxane
Concen: 423.413 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	88	Resp	10636
Ion Ratio	Lower	Upper	
88	100		
43	38.0	28.3	42.5
58	73.9	56.1	84.1

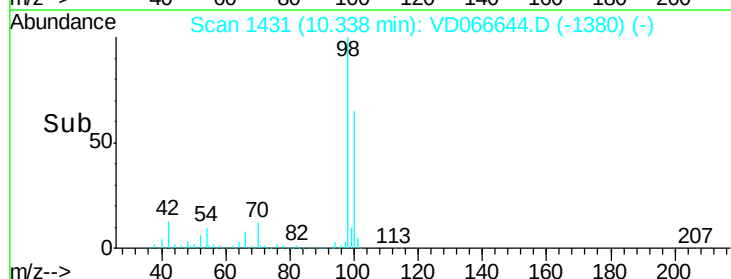
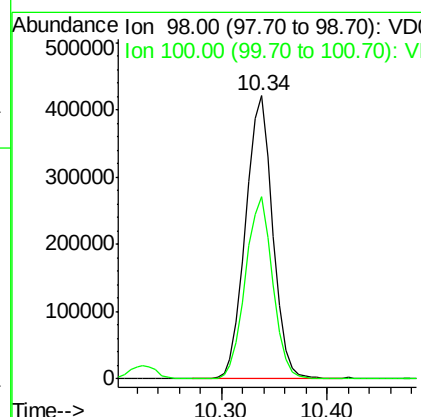
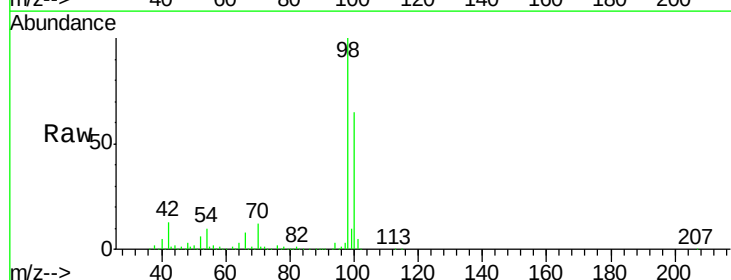
Manual Integrations
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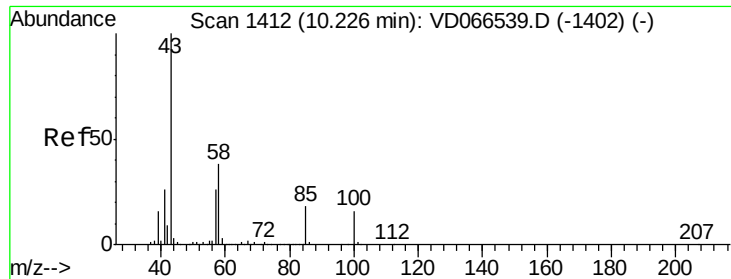
MMDadoda
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#50
Toluene-d8
Concen: 53.841 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	98	Resp	751649
Ion Ratio	Lower	Upper	
98	100		
100	65.0	52.9	79.3





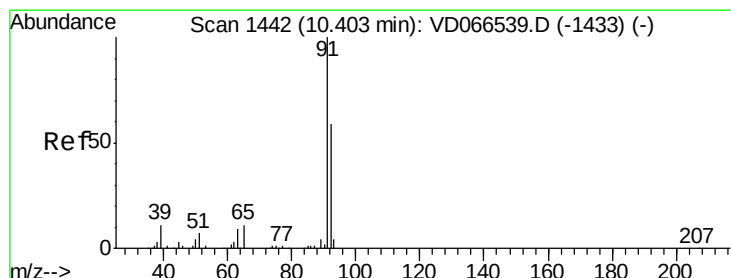
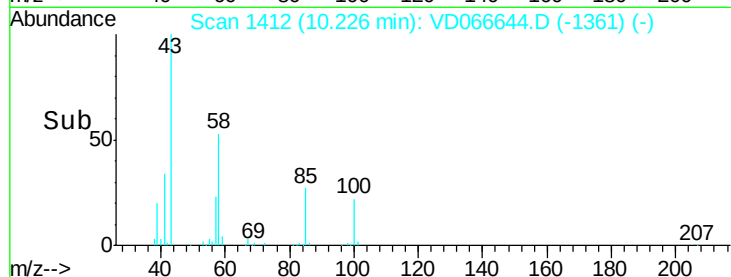
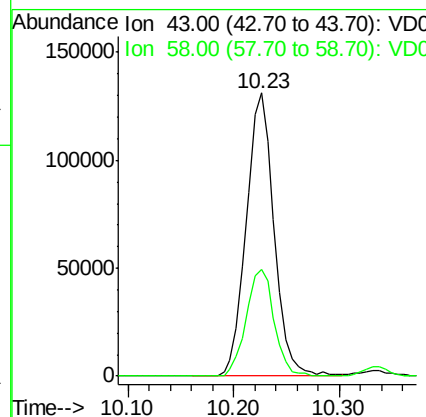
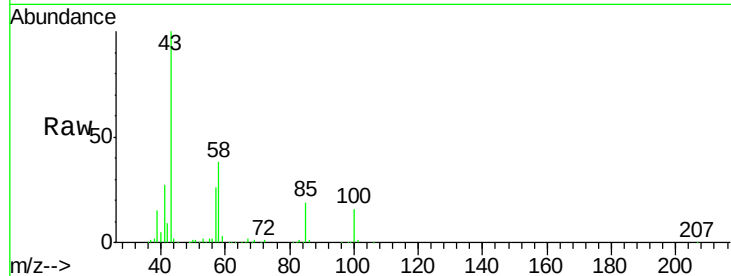
#51
4-Methyl-2-Pentanone
Concen: 103.355 ug/l
RT: 10.23 min Scan# 1412
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.1	30.5	45.7

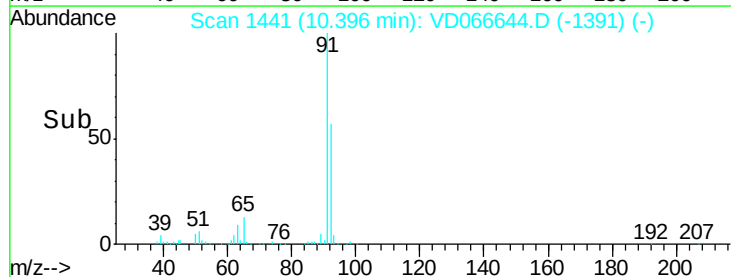
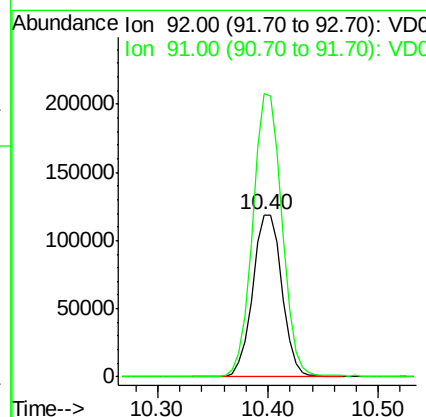
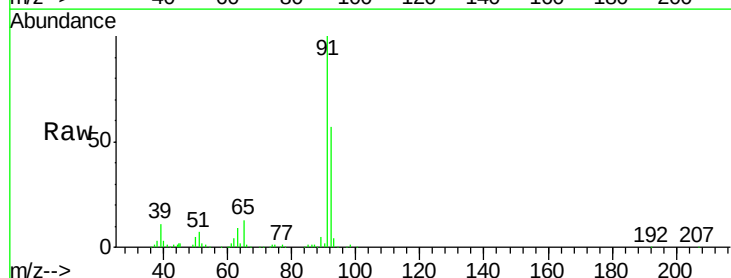
Manual Integrations
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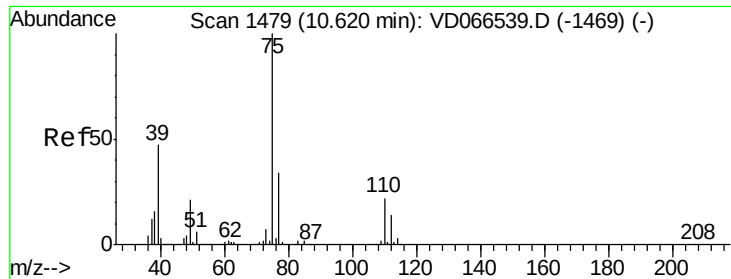
MMDadoda
9/14/2020 12:06:44 PM



#52
Toluene
Concen: 21.301 ug/l
RT: 10.40 min Scan# 1441
Delta R.T. -0.01 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.0	137.4	206.2





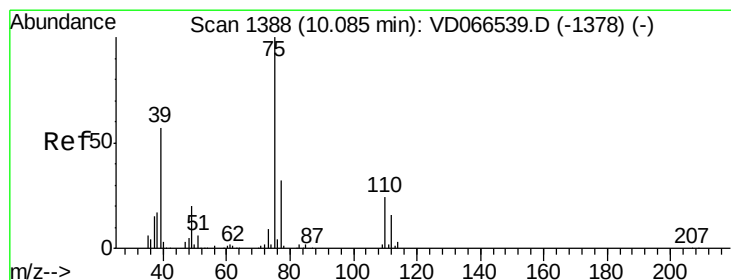
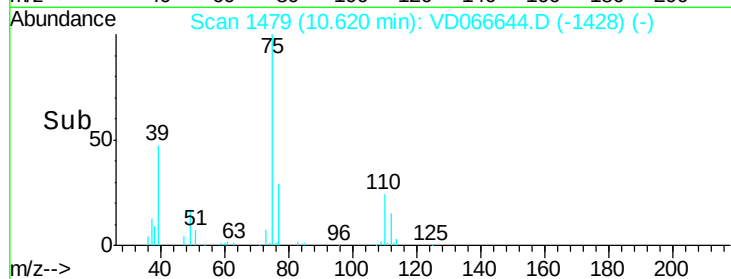
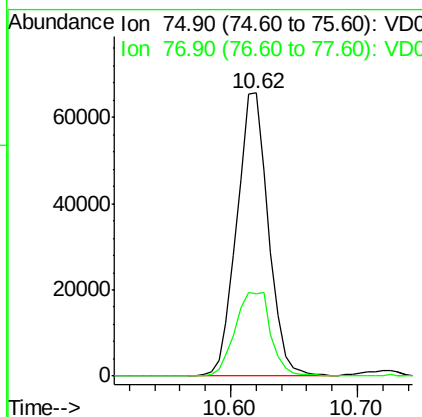
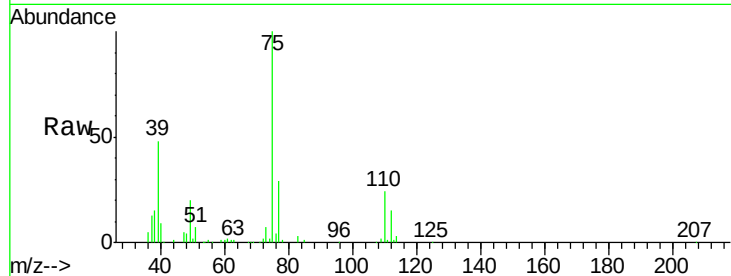
#53
 t-1,3-Dichloropropene
 Concen: 20.775 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.1	27.4	41.2

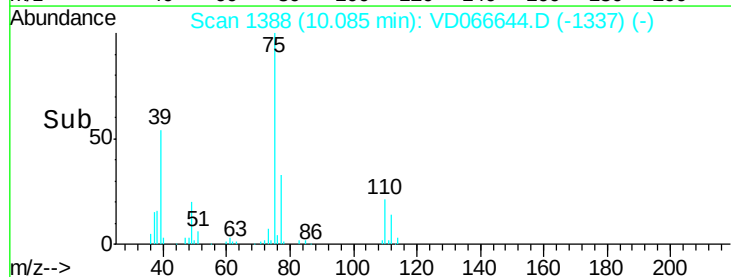
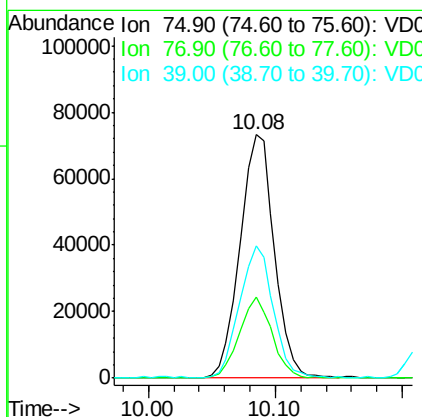
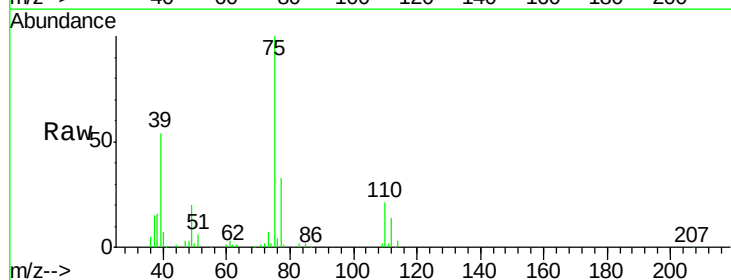
Manual Integrations
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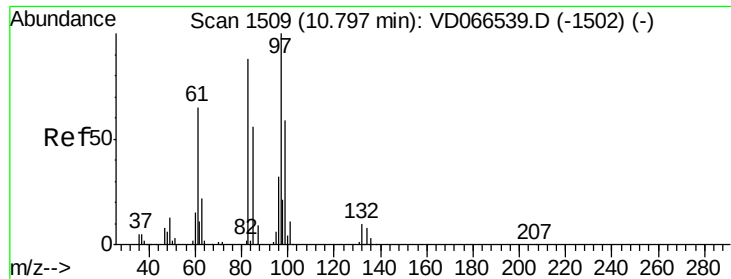
MMDadoda
 9/14/2020 12:06:44 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.992 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.4	38.0
39	54.1	45.4	68.0





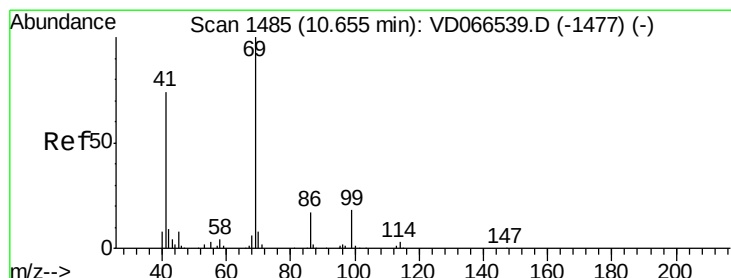
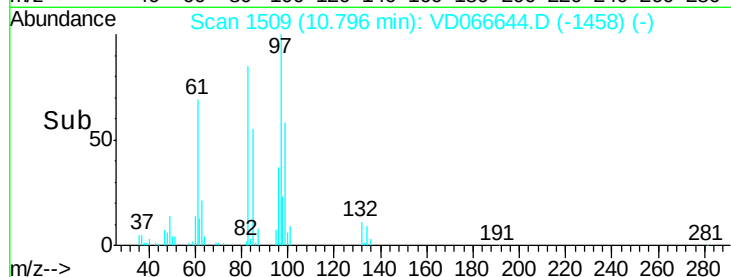
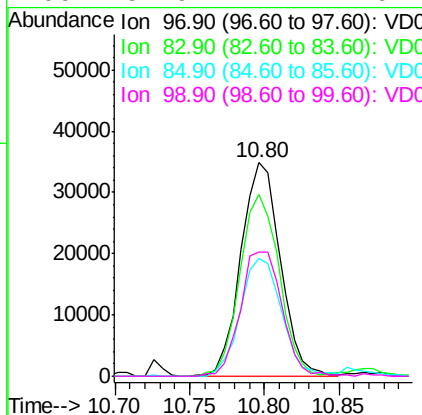
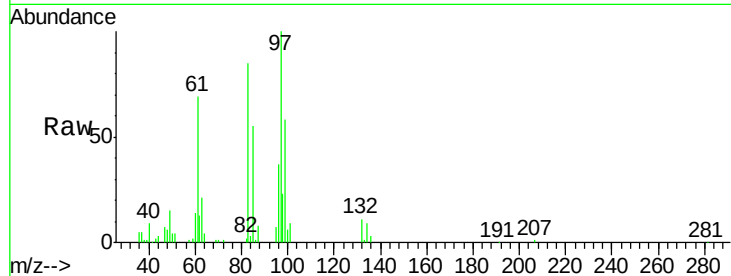
#55
 1,1,2-Trichloroethane
 Concen: 21.698 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBS01

Tot Ion:	97	Resp:	63877
Ion	Ratio	Lower	Upper
97	100		
83	85.0	70.1	105.1
85	54.9	44.5	66.7
99	57.9	47.1	70.7

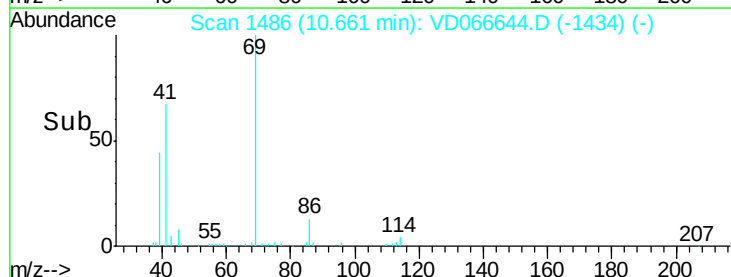
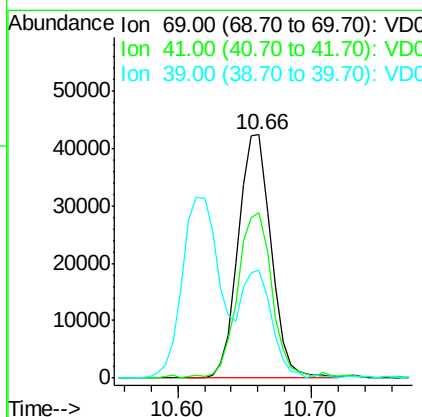
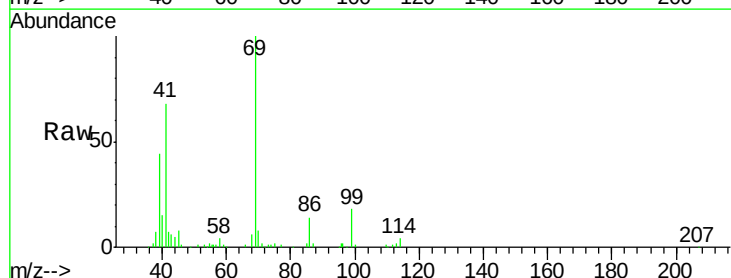
Manual Integrations
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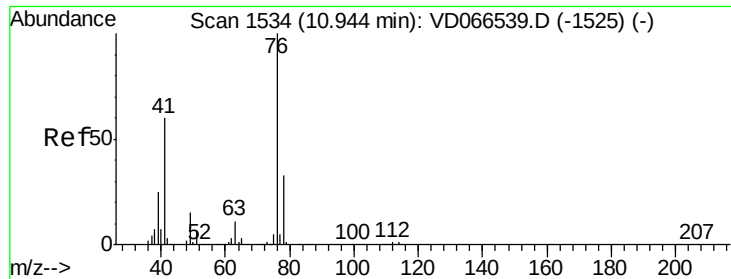
MMDadoda
 9/14/2020 12:06:44 PM



#56
 Ethyl methacrylate
 Concen: 21.208 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.01 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Tgt Ion:	69	Resp:	72697
Ion	Ratio	Lower	Upper
69	100		
41	70.5	56.8	85.2
39	39.0	30.6	46.0





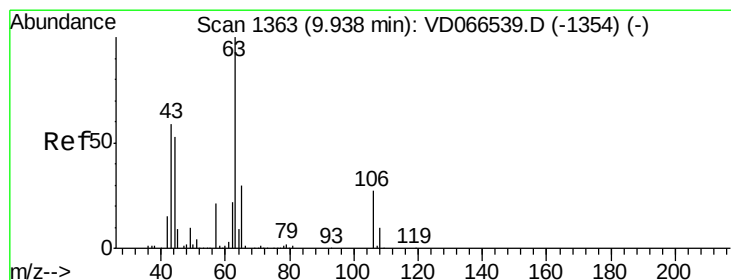
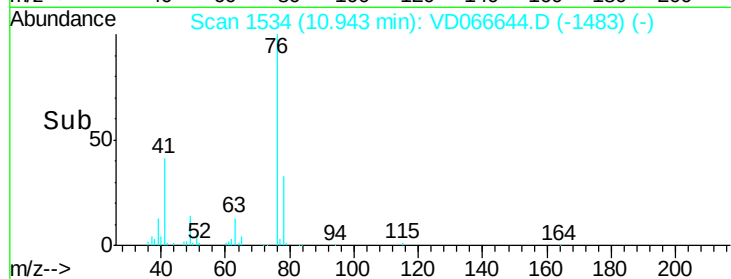
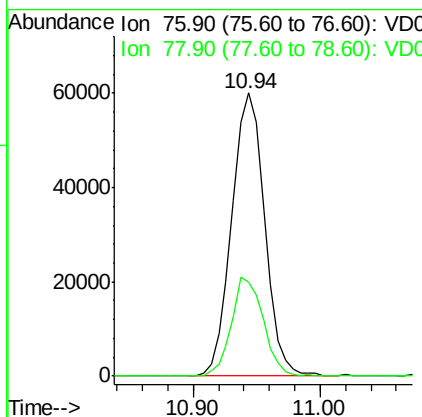
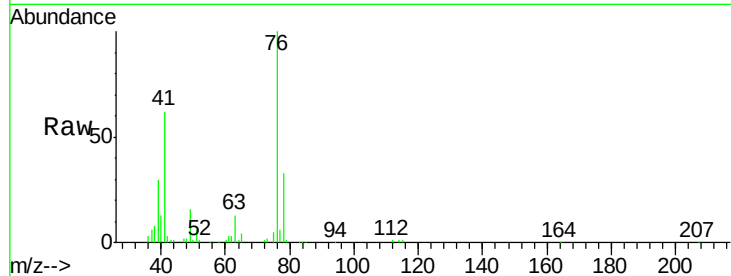
#57
 1,3-Dichloropropane
 Concen: 20.930 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBS01

Tot Ion: 76 Resp: 107929
 Ion Ratio Lower Upper
 76 100
 78 33.8 25.8 38.8

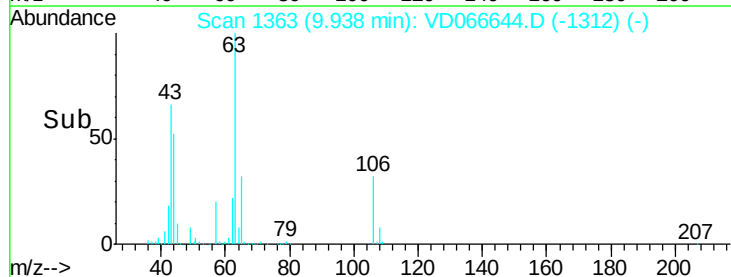
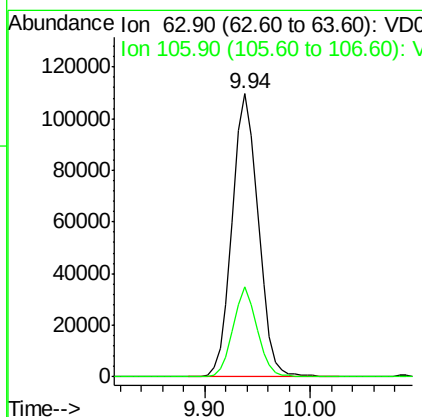
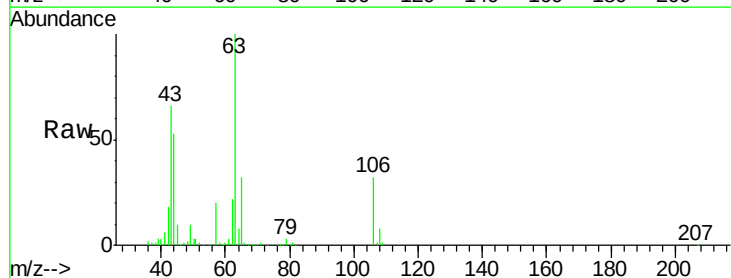
Manual Integrations
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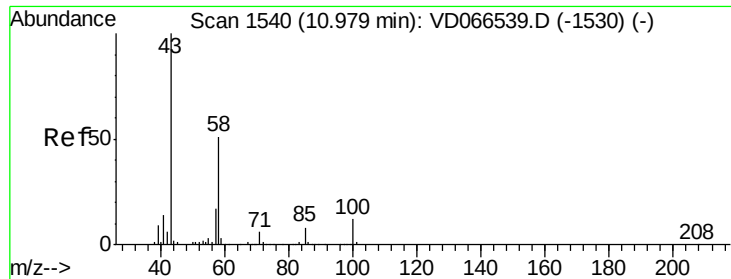
MMDadoda
 9/14/2020 12:06:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 119.861 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Tgt Ion: 63 Resp: 187924
 Ion Ratio Lower Upper
 63 100
 106 29.1 22.0 33.0





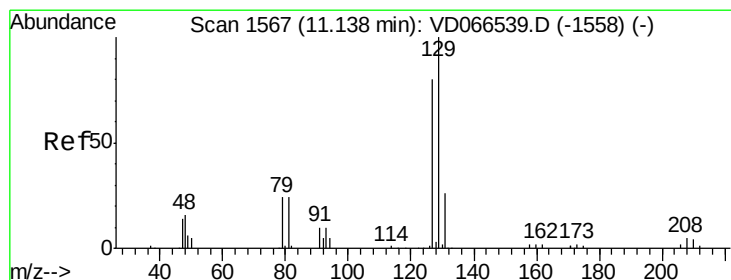
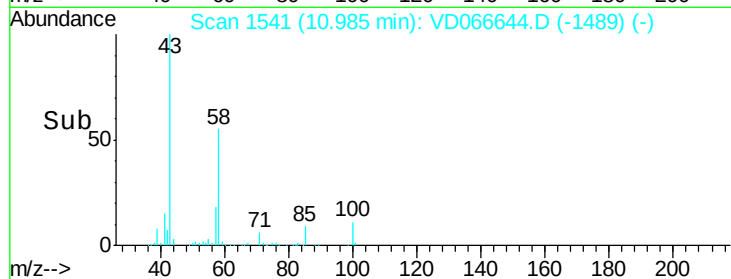
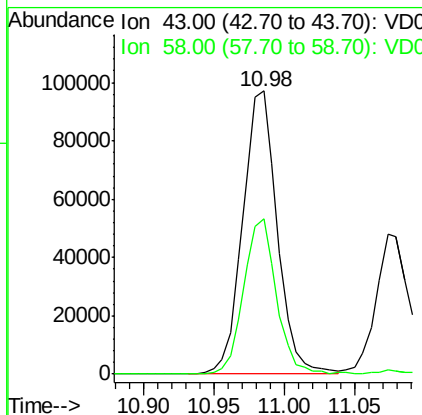
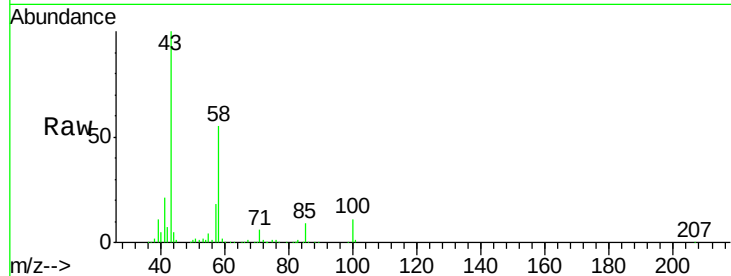
#59
2-Hexanone
Concen: 106.898 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion: 43 Resp: 166704
Ion Ratio Lower Upper
43 100
58 52.1 25.6 76.8

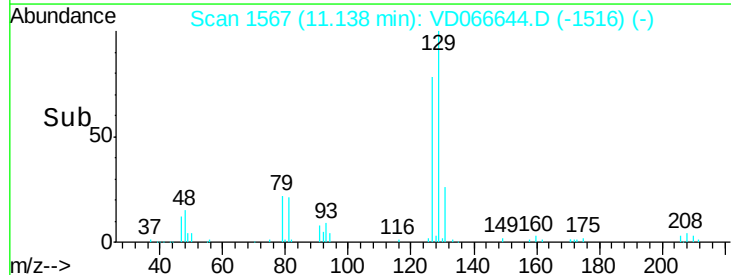
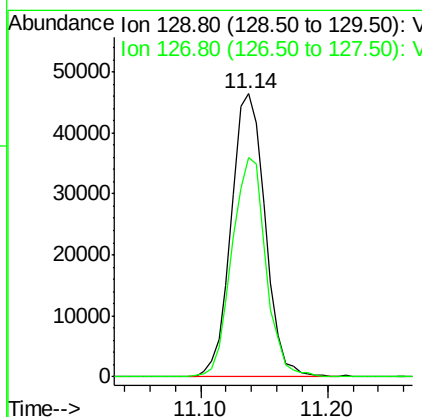
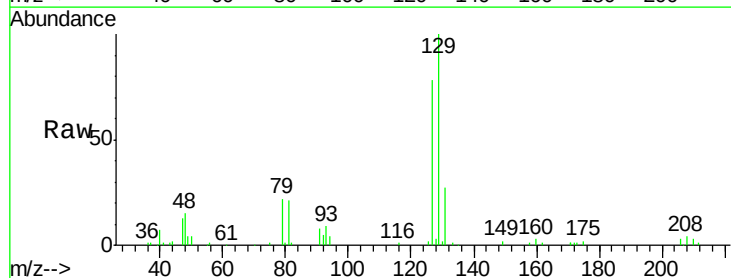
Manual Integrations
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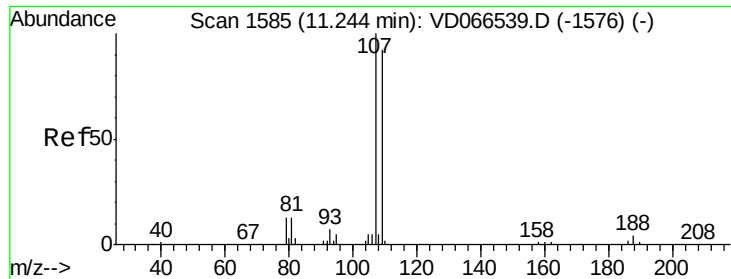
MMDadoda
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#60
Dibromochloromethane
Concen: 22.043 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion: 129 Resp: 85814
Ion Ratio Lower Upper
129 100
127 76.9 39.5 118.3





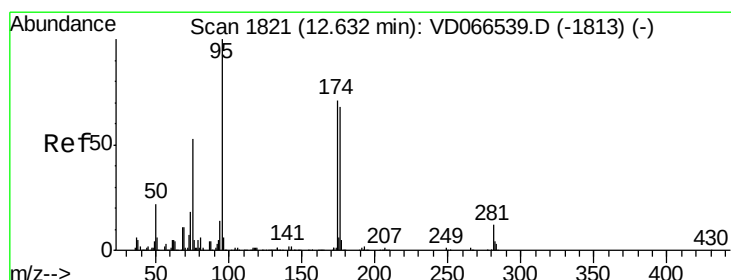
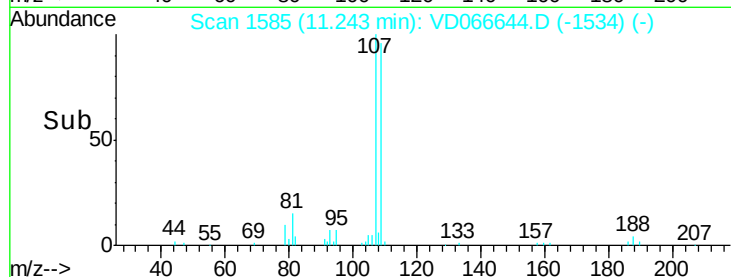
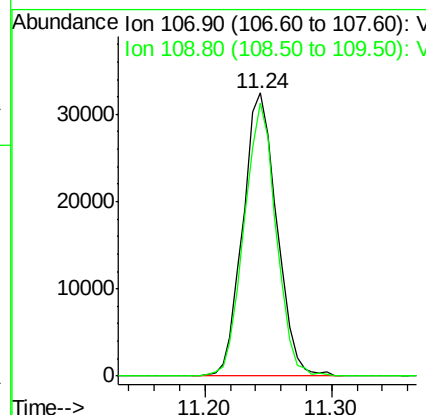
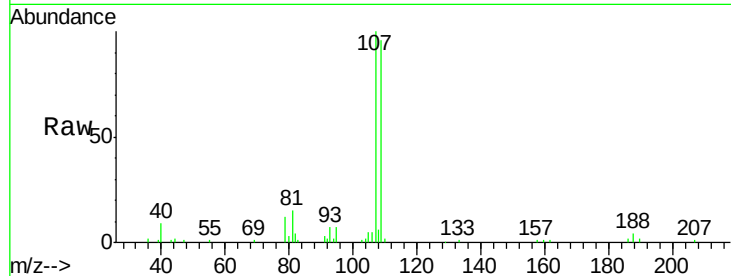
#61
 1,2-Dibromoethane
 Concen: 21.006 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.7	74.4	111.6

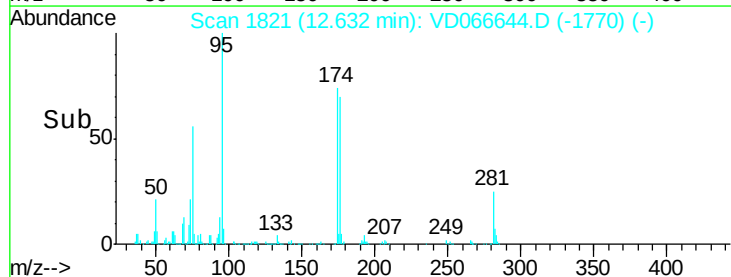
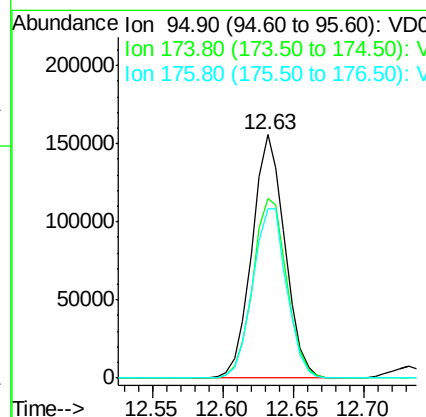
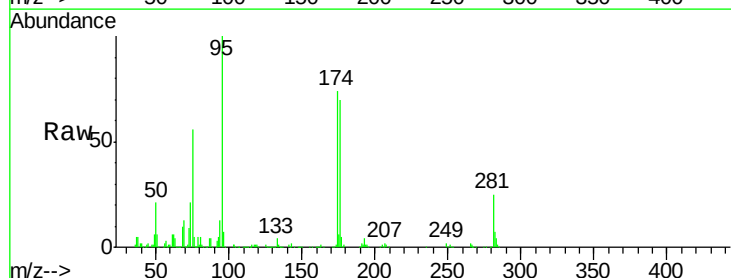
Manual Integrations
 APPROVED

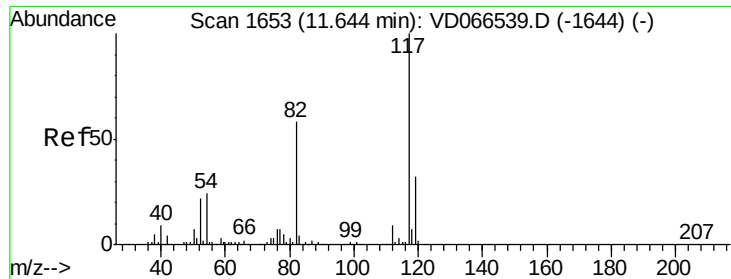
MMDadoda
 9/14/2020 12:06:44 PM



#62
 4-Bromofluorobenzene
 Concen: 55.078 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	155.8
176	72.0	0.0	148.6





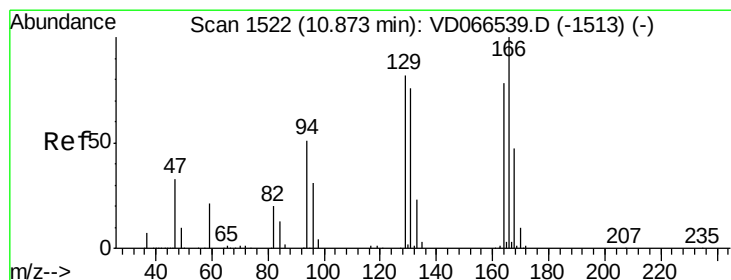
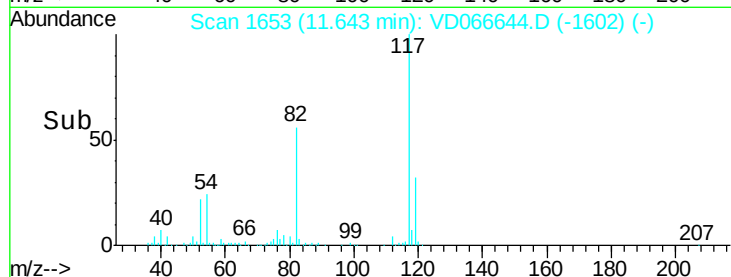
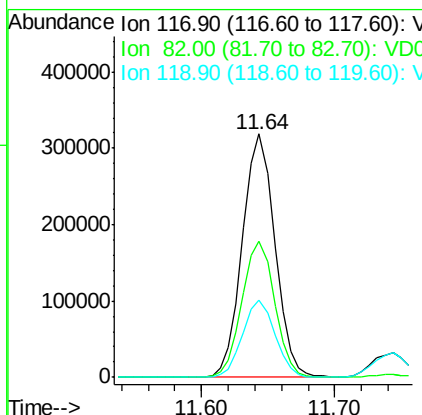
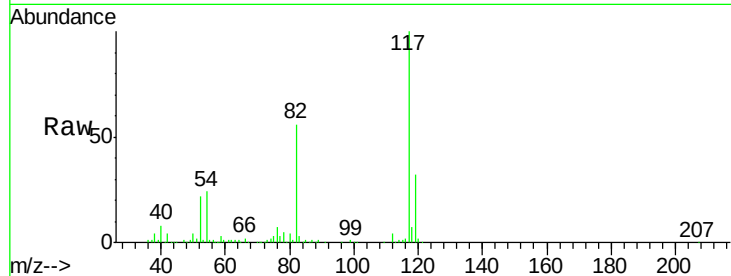
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	538709		
82	55.8	46.2	69.2	
119	31.9	25.8	38.8	

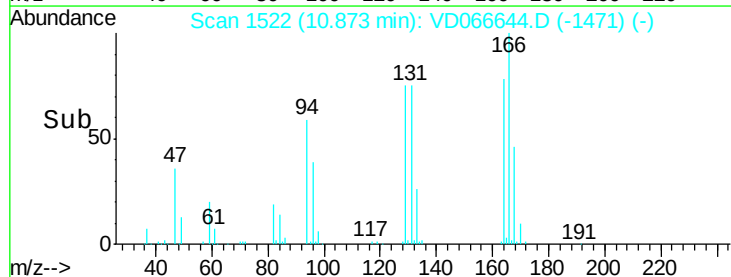
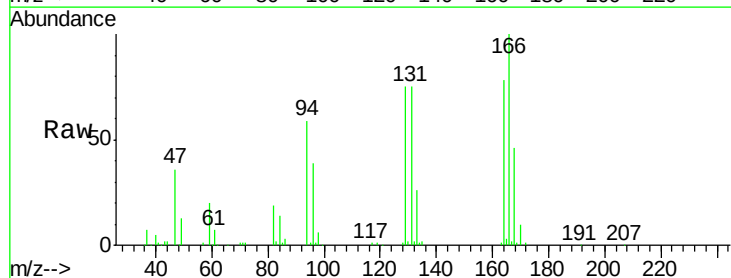
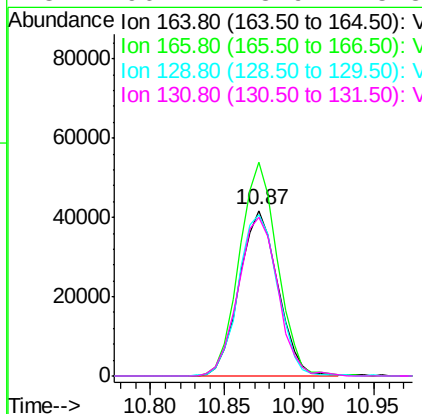
Manual Integrations
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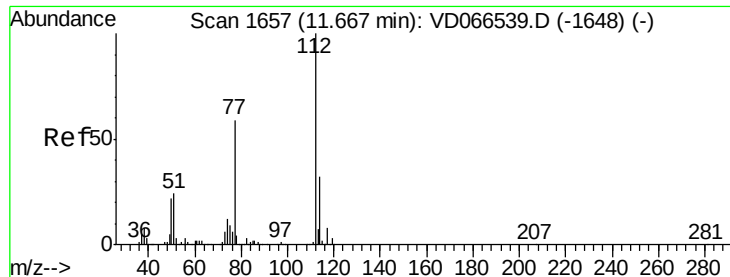
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#64
Tetrachloroethene
Concen: 20.608 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74748		
166	129.0	103.2	154.8	
129	97.2	84.5	126.7	
131	96.2	78.9	118.3	





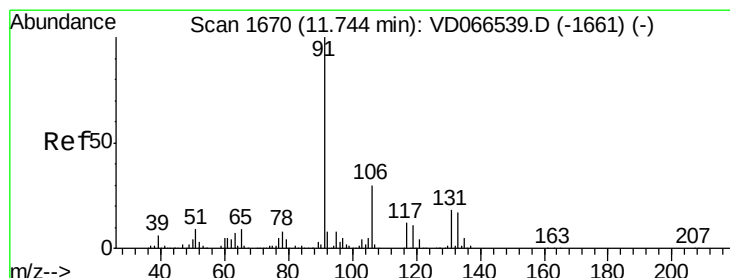
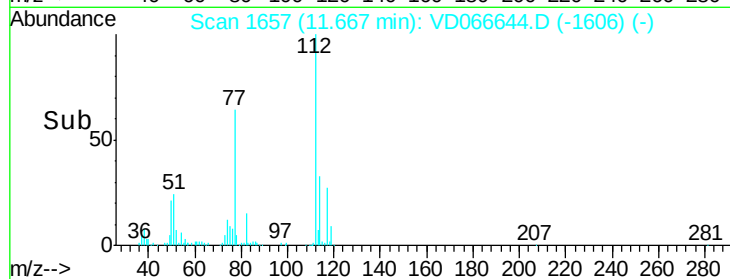
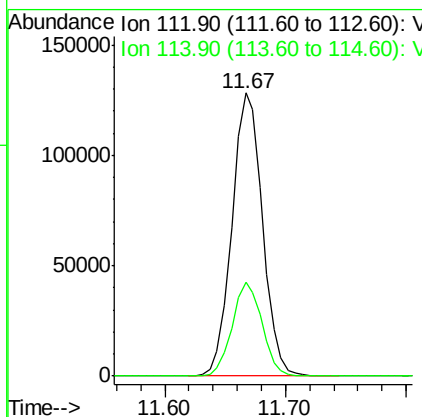
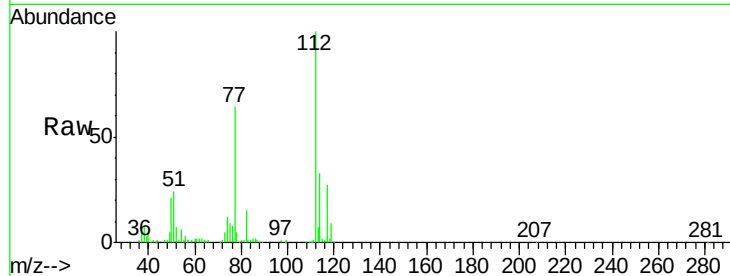
#65
Chlorobenzene
Concen: 20.246 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.7	38.5

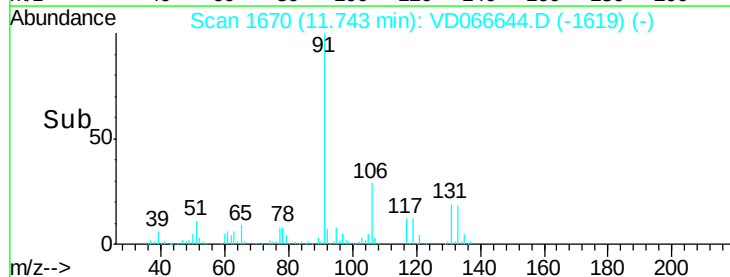
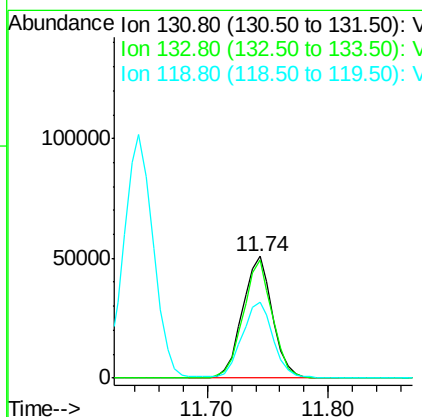
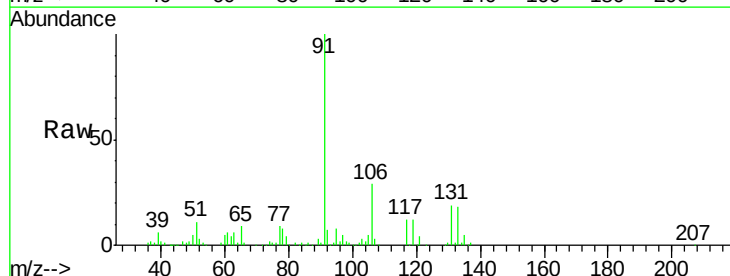
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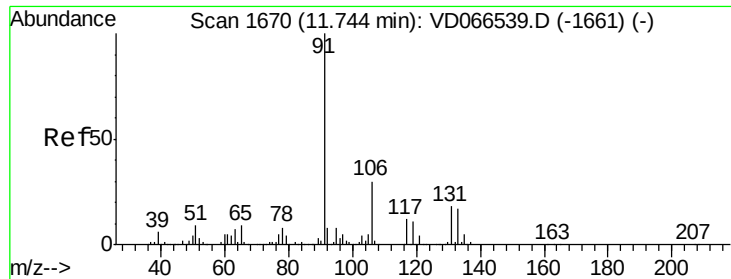
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.632 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	46.7	140.0
119	65.1	31.9	95.7





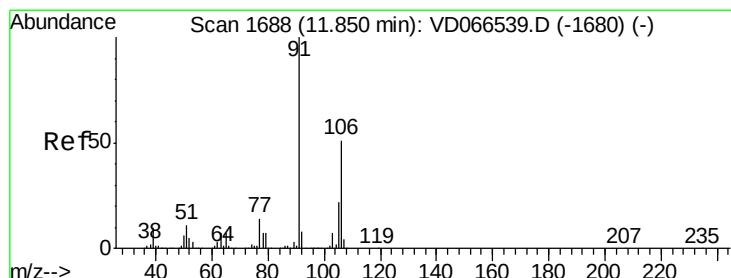
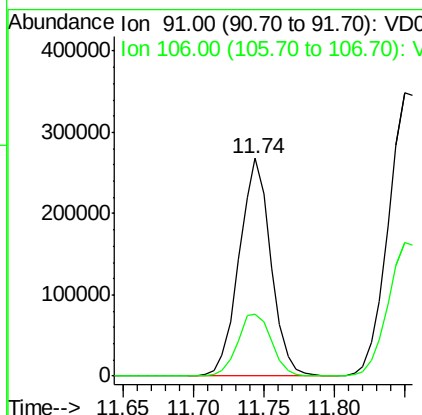
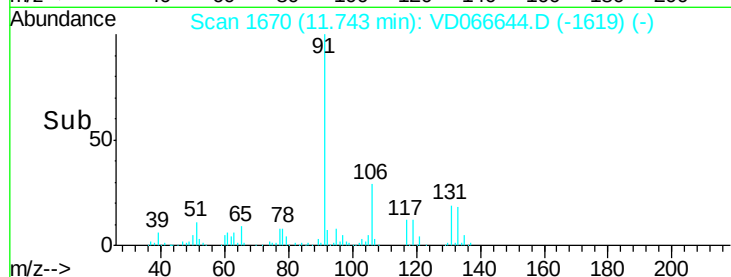
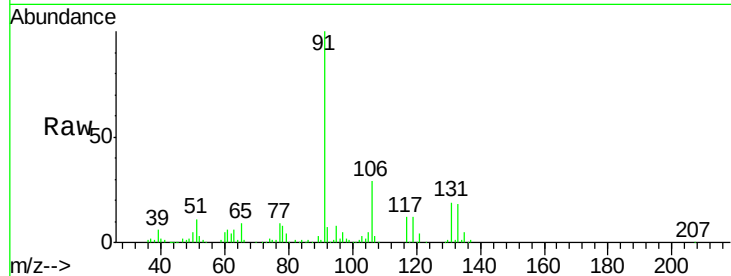
#67
Ethyl Benzene
Concen: 20.620 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion: 91 Resp: 420975
Ion Ratio Lower Upper
91 100
106 28.6 24.3 36.5

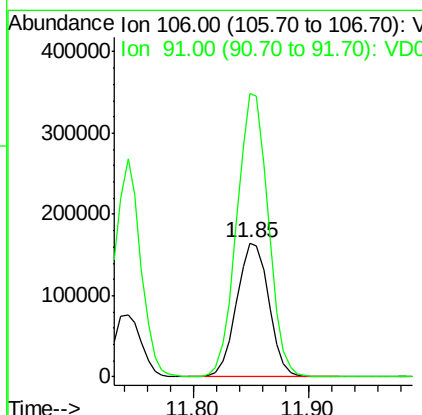
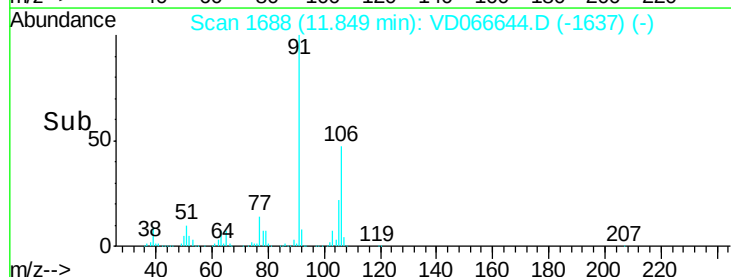
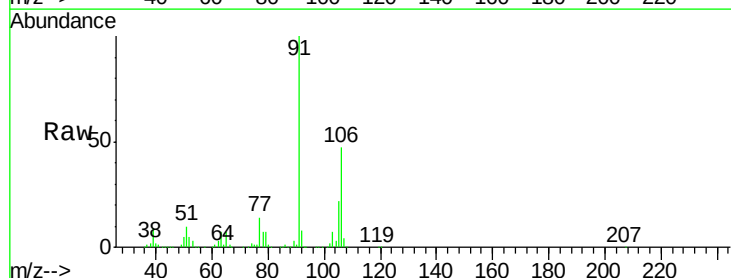
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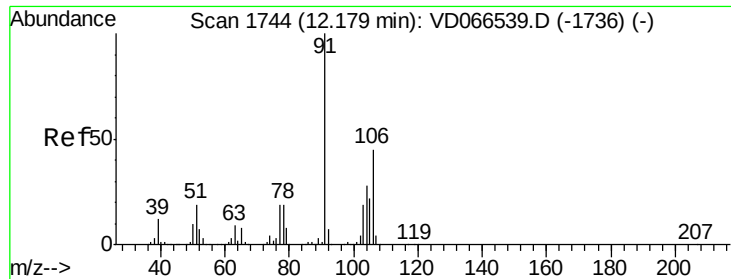
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#68
m/p-Xylenes
Concen: 42.009 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion: 106 Resp: 318446
Ion Ratio Lower Upper
106 100
91 207.4 162.4 243.6





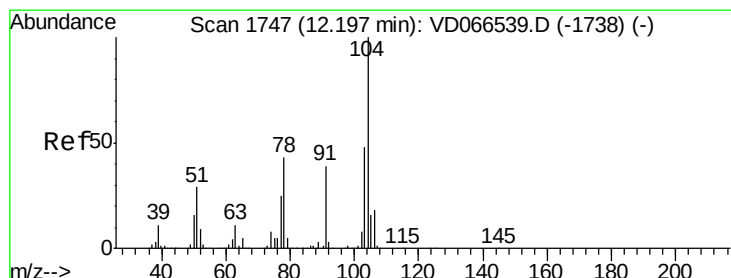
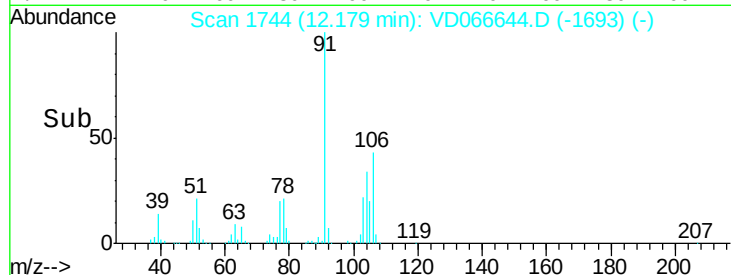
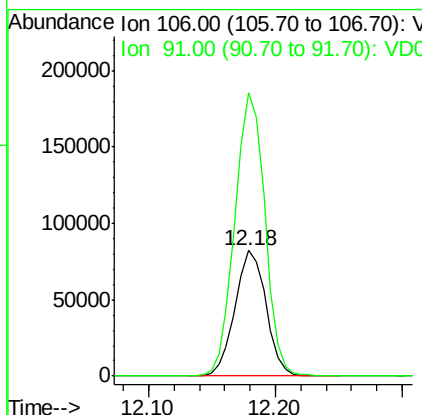
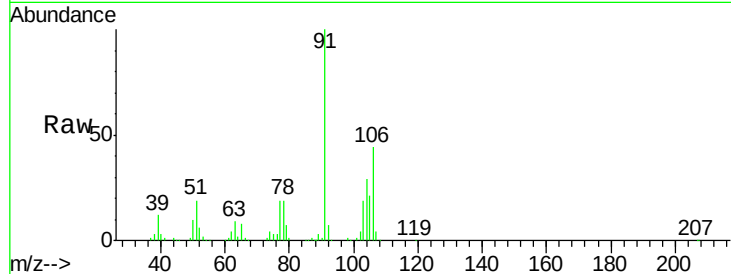
#69
o-Xylene
Concen: 20.490 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion:106 Resp: 139202
Ion Ratio Lower Upper
106 100
91 219.0 107.9 323.8

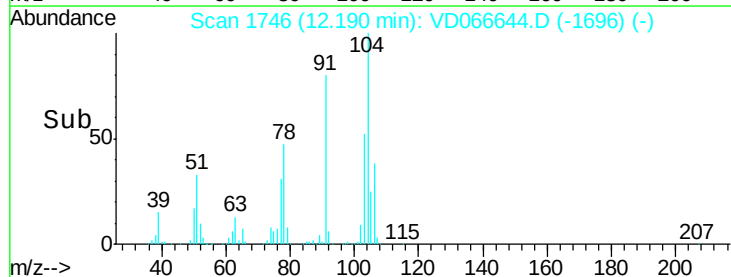
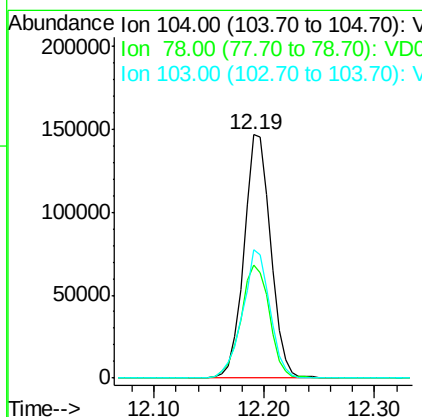
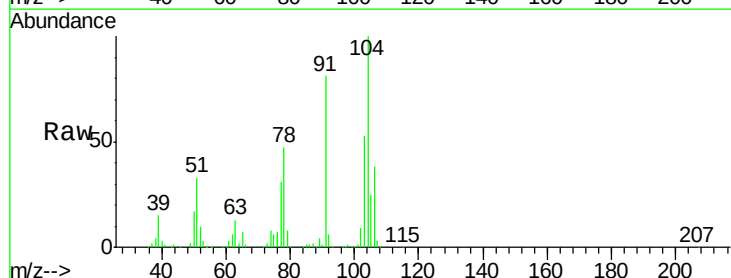
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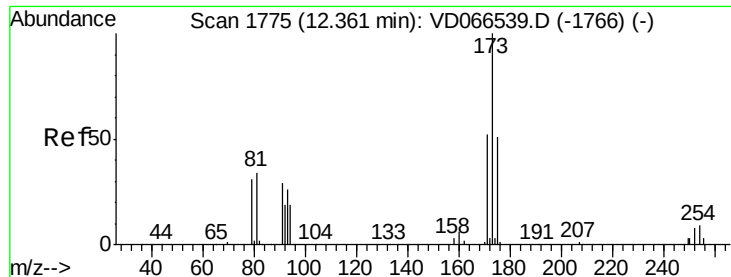
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#70
Styrene
Concen: 21.160 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion:104 Resp: 249916
Ion Ratio Lower Upper
104 100
78 50.0 40.7 61.1
103 53.8 42.9 64.3





#71

Bromoform

Concen: 20.466 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

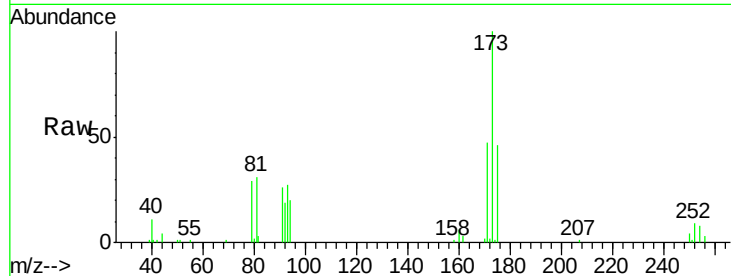
ClientSampleId :

VD0911SBS01

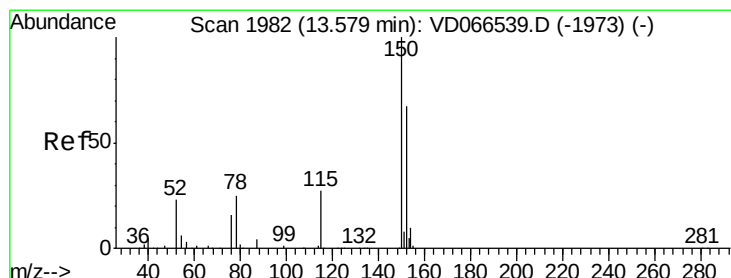
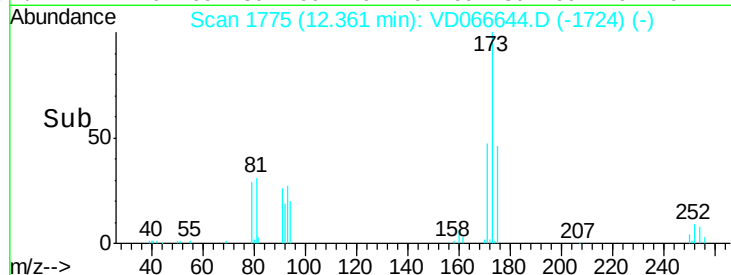
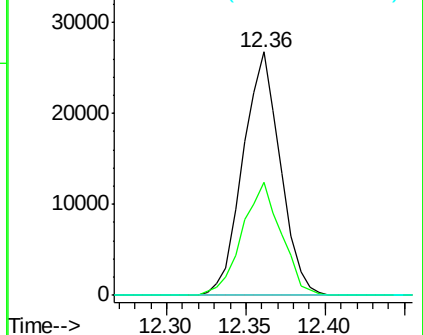
Tot Ion:	173	Resp:	43767
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.2	72.6
254	0.0	0.0	0.0

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

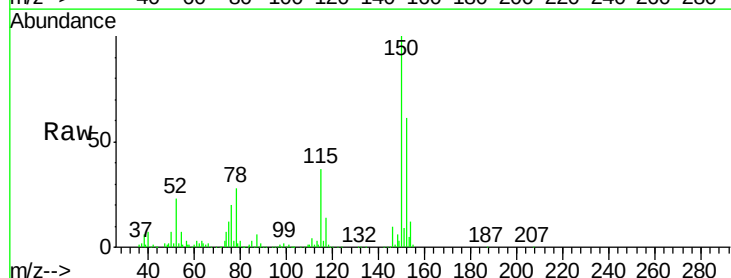
RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

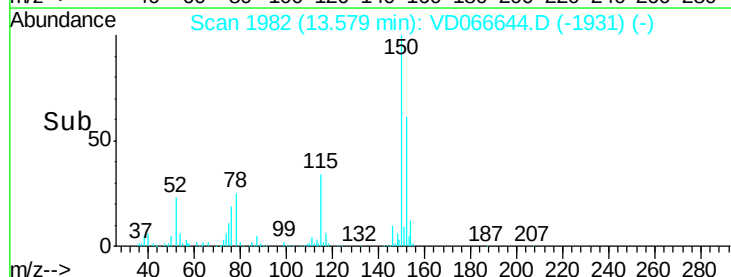
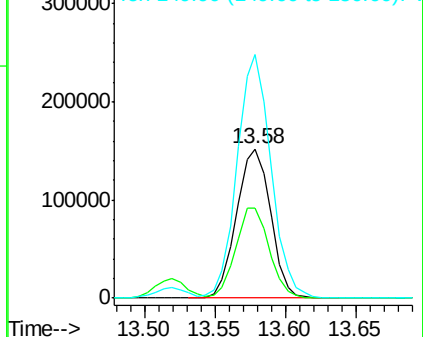
Lab File: VD066644.D

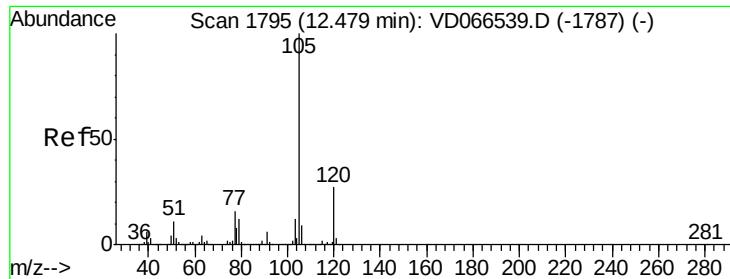
Acq: 11 Sep 2020 13:17

Tgt Ion:	152	Resp:	256307
Ion Ratio	Lower	Upper	
152	100		
115	59.7	30.4	91.2
150	162.6	0.0	345.8



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





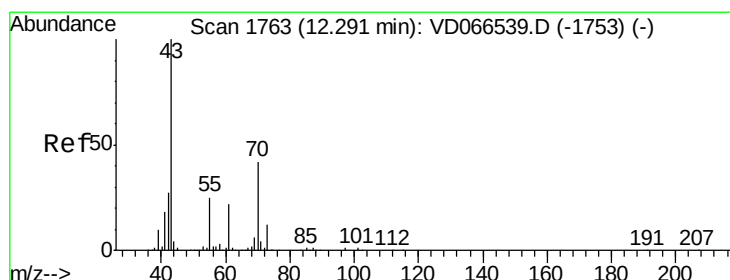
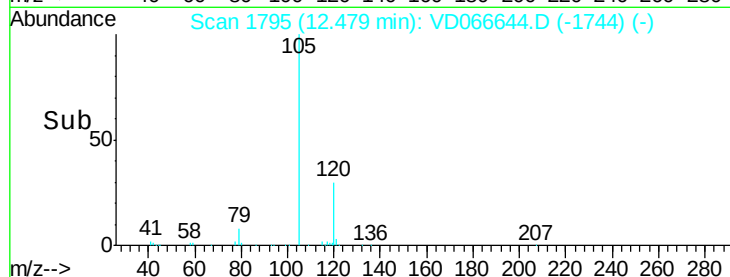
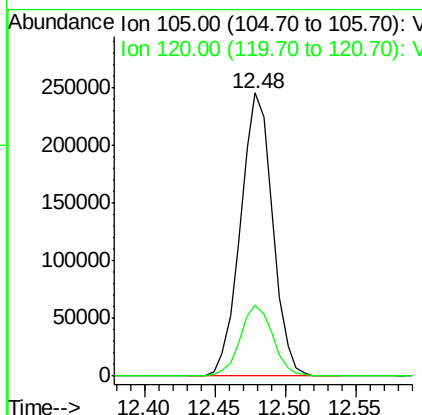
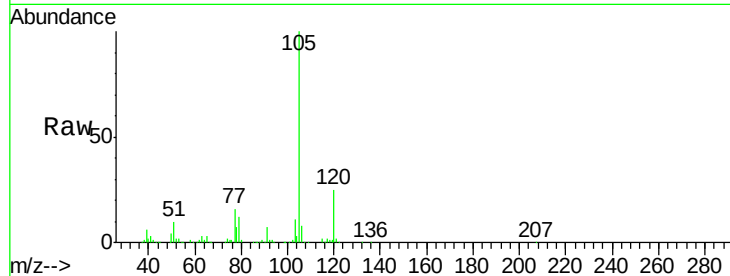
#73
Isopropylbenzene
Concen: 20.524 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	389485		
120	25.5	13.0	39.0	

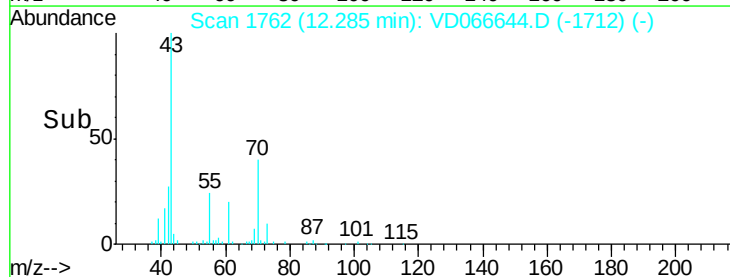
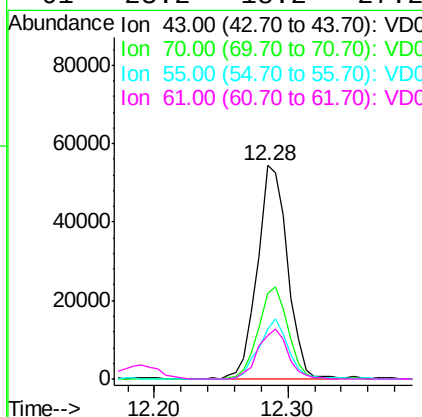
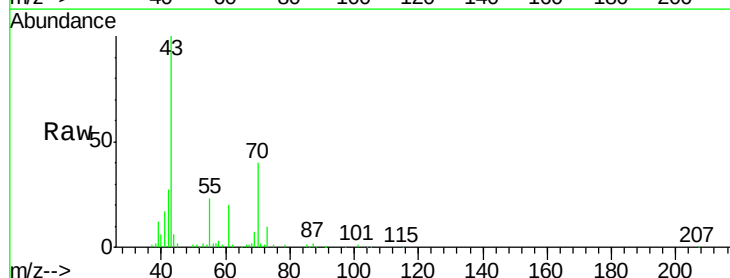
Manual Integrations
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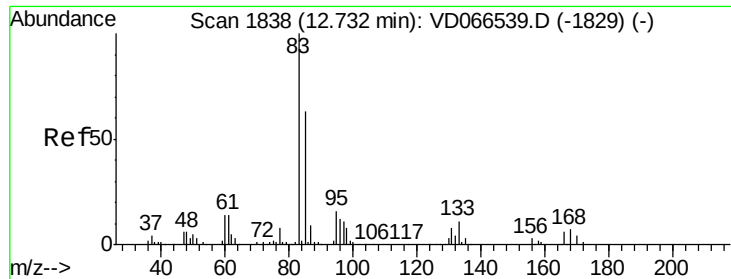
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#74
N-ethyl acetate
Concen: 19.751 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	84888		
70	42.8	33.4	50.2	
55	27.7	20.1	30.1	
61	23.2	18.2	27.2	





#75

1,1,2,2-Tetrachloroethane

Concen: 19.982 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

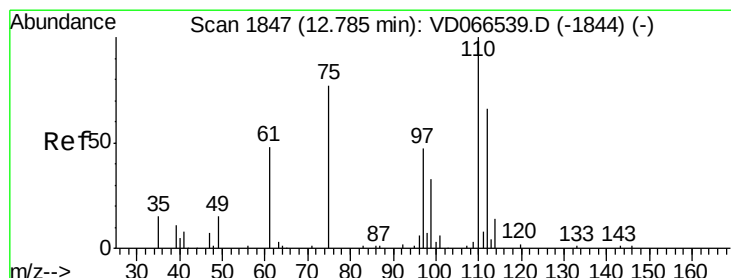
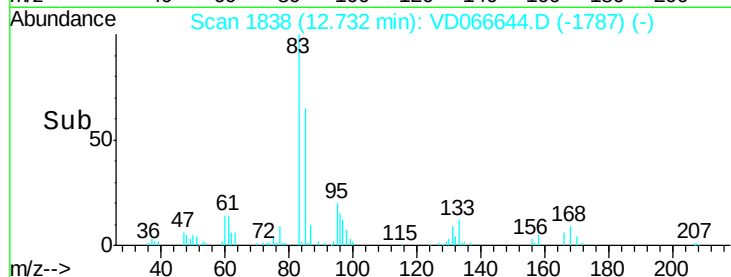
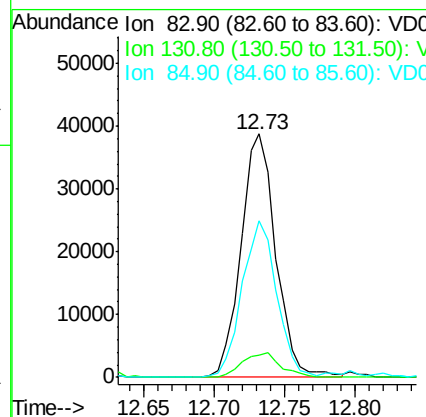
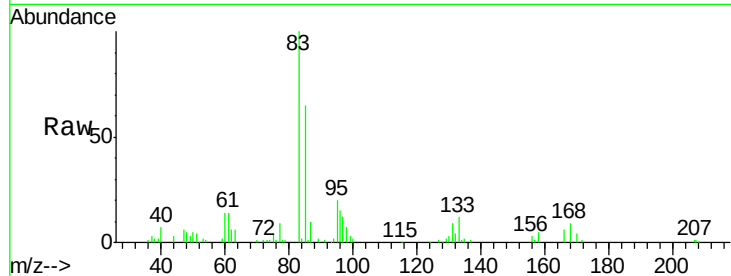
ClientSampleId :

VD0911SBS01

Tot Ion:	83	Resp:	66991
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.0	15.0
85	64.1	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.678 ug/l m

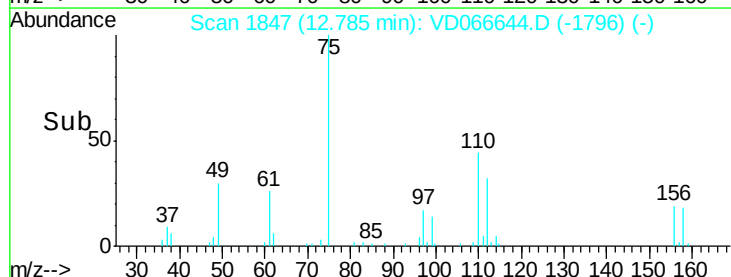
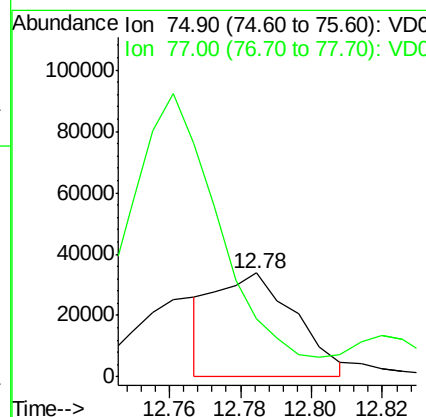
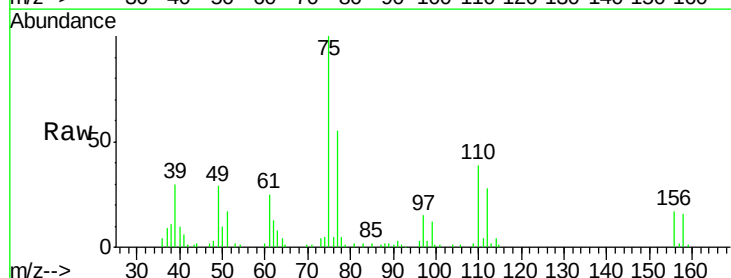
RT: 12.78 min Scan# 1847

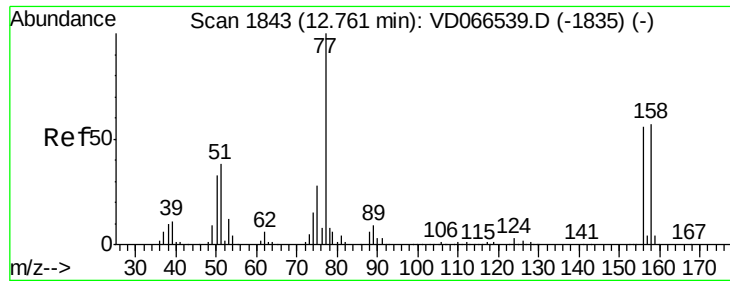
Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Tgt Ion:	75	Resp:	53435
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.479 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

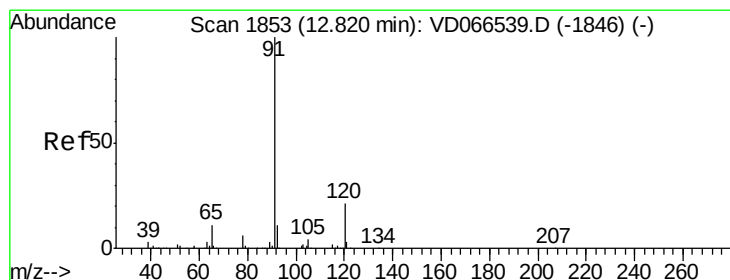
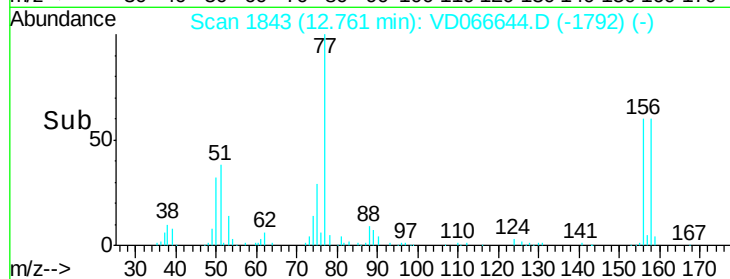
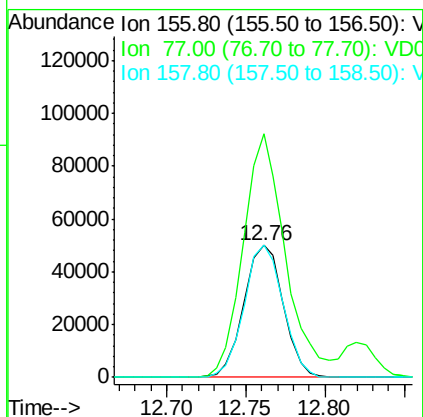
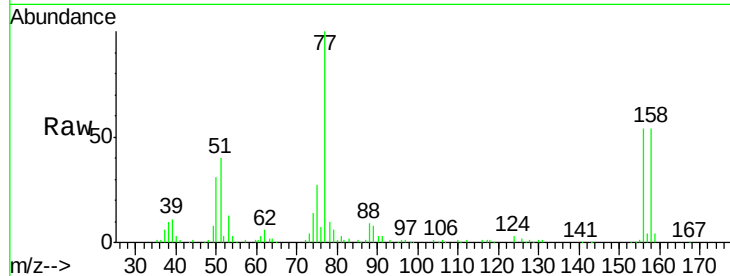
ClientSampleId :

VD0911SBS01

Tot Ion:	156	Resp:	86639
Ion	Ratio	Lower	Upper
156	100		
77	196.4	98.0	294.1
158	98.9	48.1	144.3

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#78

n-propylbenzene

Concen: 21.193 ug/l

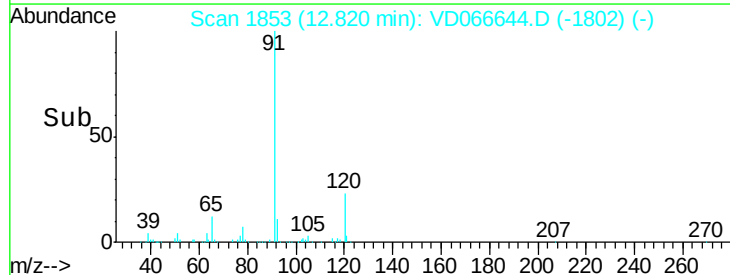
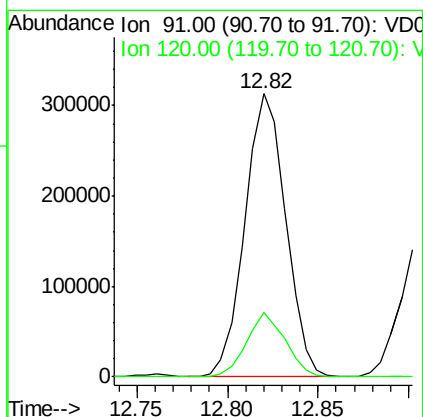
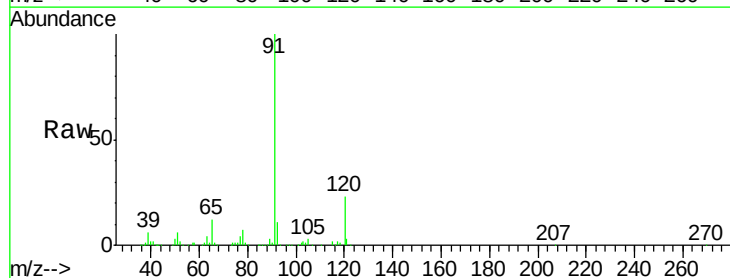
RT: 12.82 min Scan# 1853

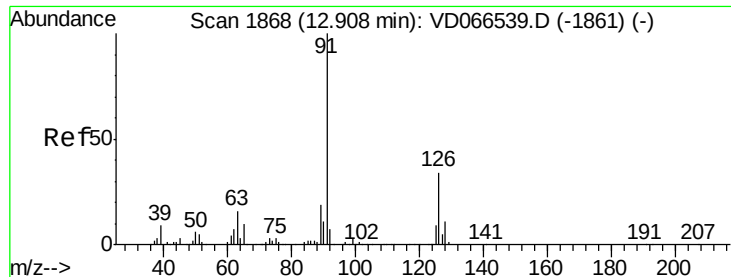
Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Tgt Ion:	91	Resp:	487526
Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.1	33.1





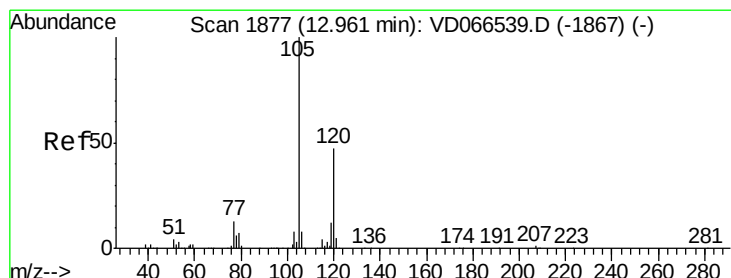
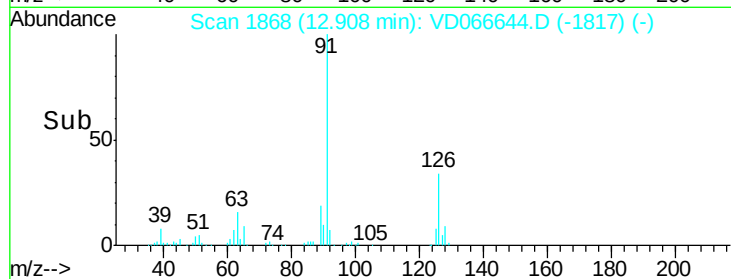
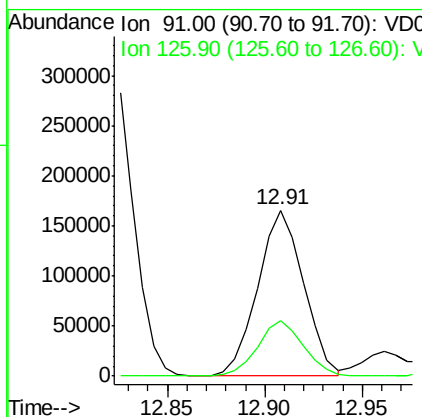
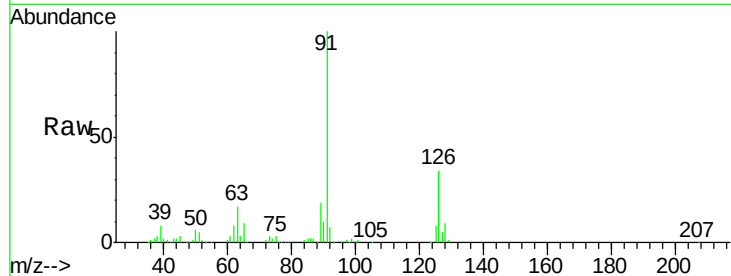
#79
2-Chlorotoluene
Concen: 20.813 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.6	16.4	49.4

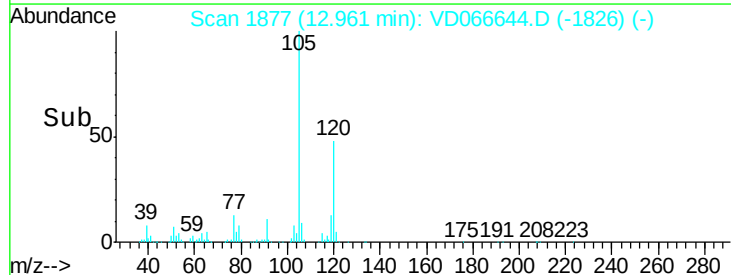
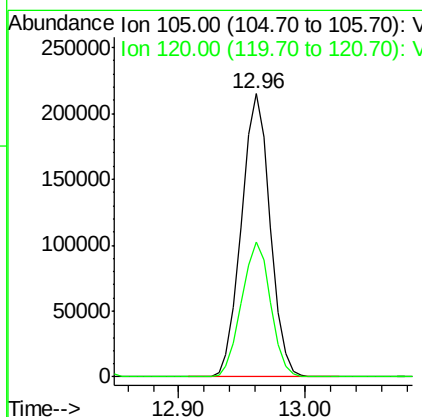
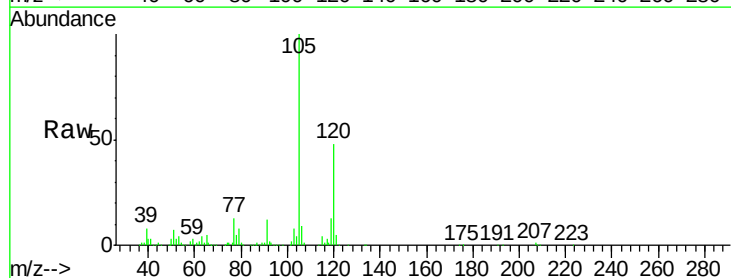
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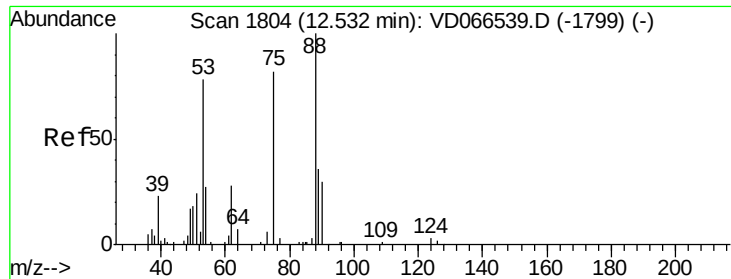
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 21.053 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.9	71.8





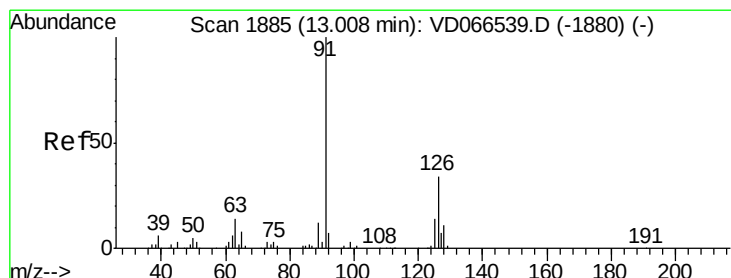
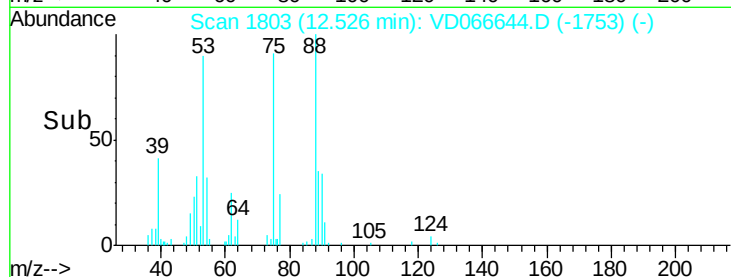
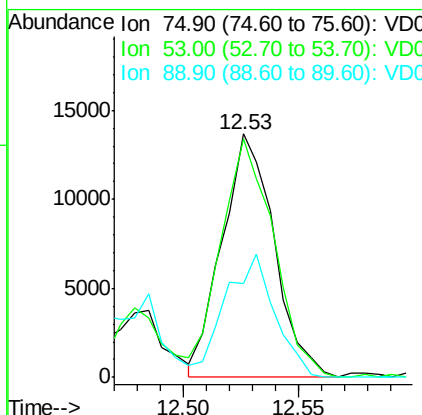
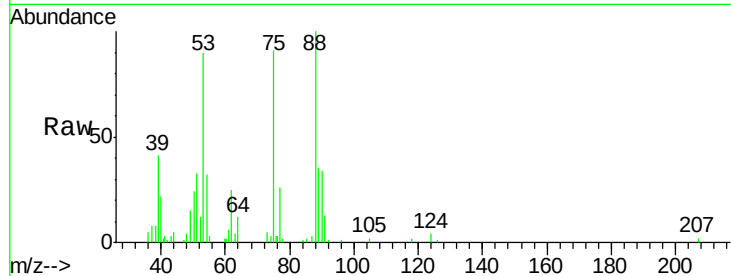
#81
trans-1,4-Dichloro-2-butene
Concen: 20.326 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.3	87.0	130.4
89	48.2	37.1	55.7

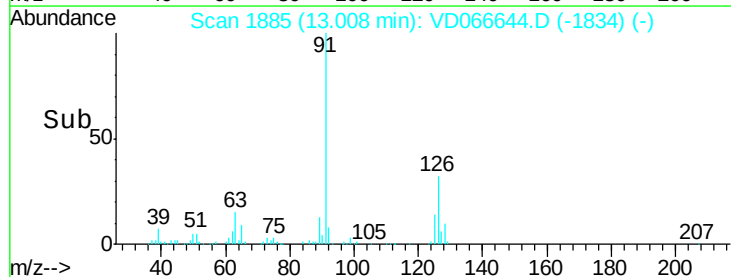
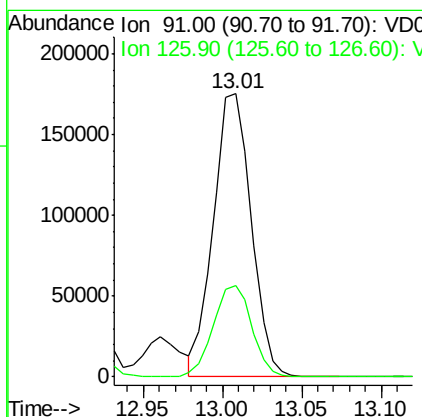
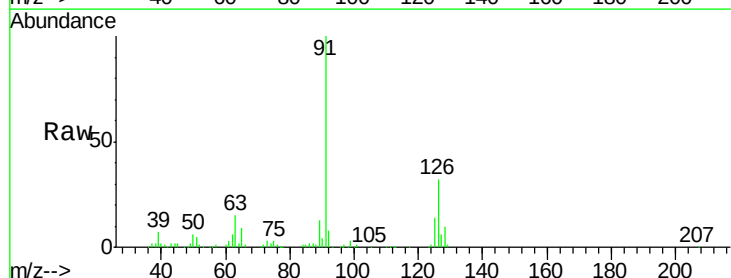
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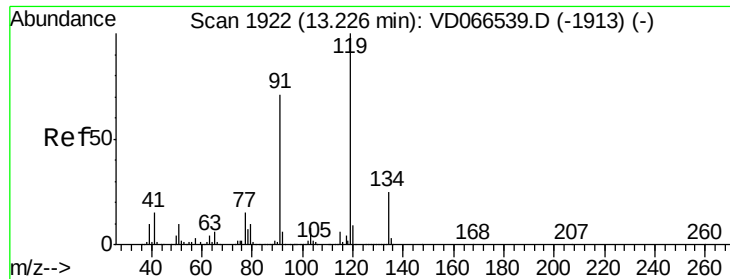
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.087 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.1





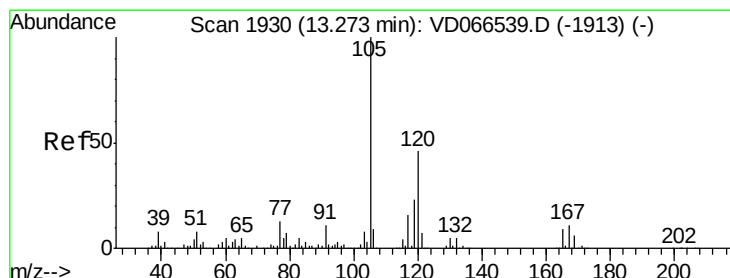
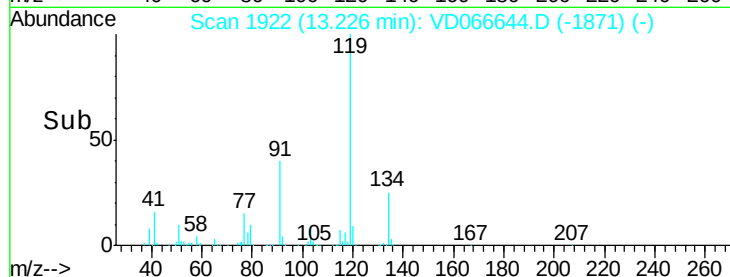
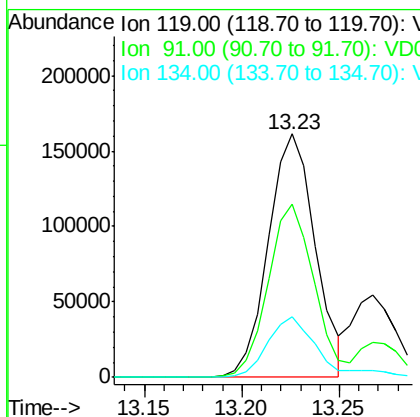
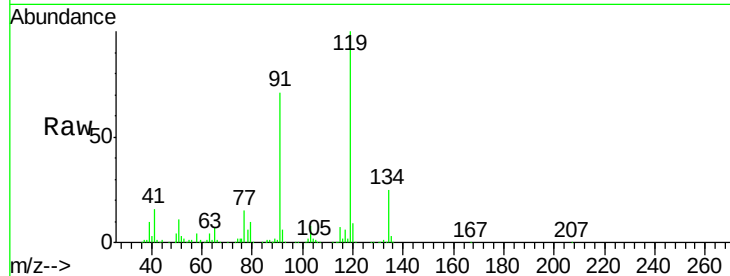
#83
tert-Butylbenzene
Concen: 20.600 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	268688		
91	70.0	35.2	105.6	
134	27.0	13.5	40.5	

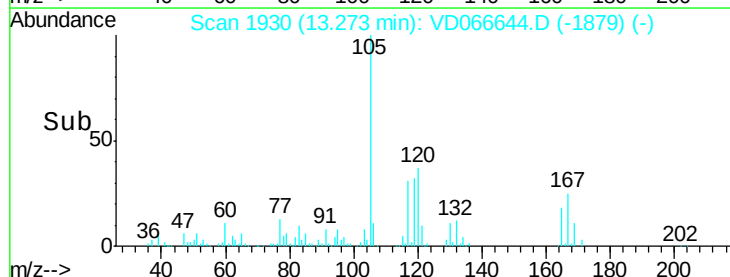
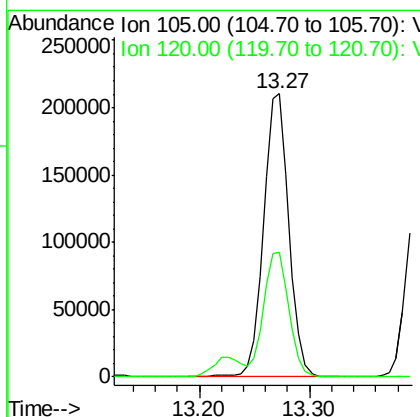
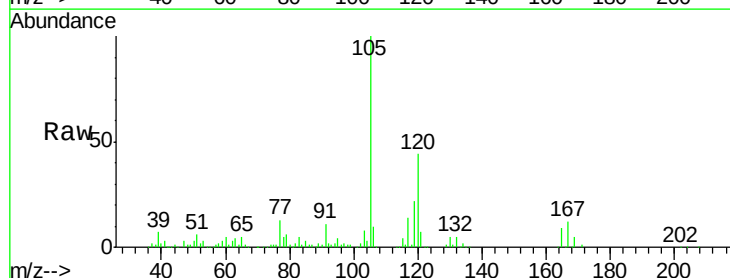
Manual Integrations
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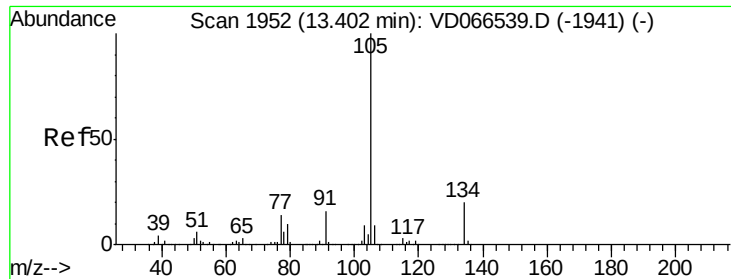
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#84
1,2,4-Trimethylbenzene
Concen: 21.148 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	336299		
120	44.3	22.6	67.7	





#85

sec-Butylbenzene

Concen: 21.025 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

ClientSampleId :

VD0911SBS01

Tot Ion:105 Resp: 395086

Ion Ratio Lower Upper

105 100

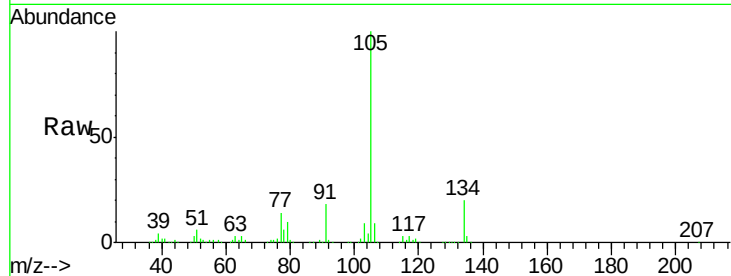
134 19.4 9.8 29.5

Manual Integrations

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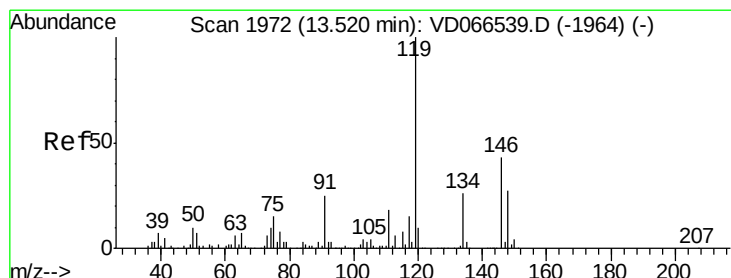
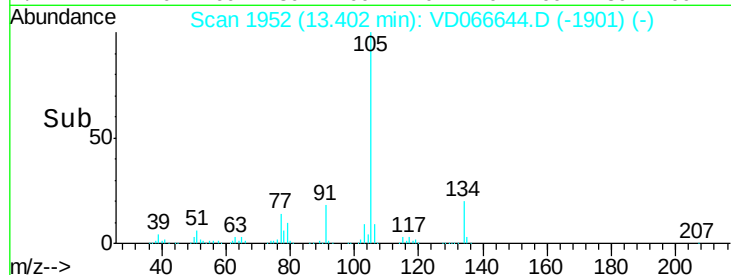
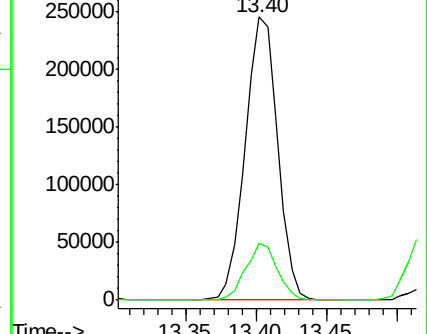
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.255 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

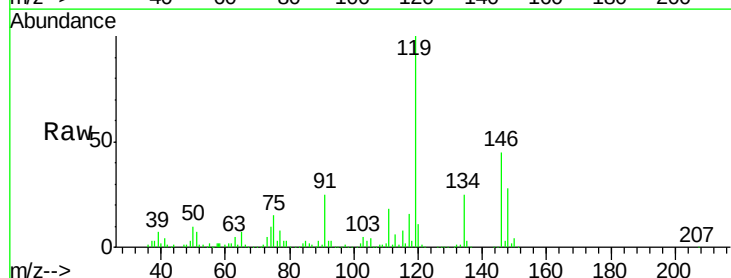
Tgt Ion:119 Resp: 359506

Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

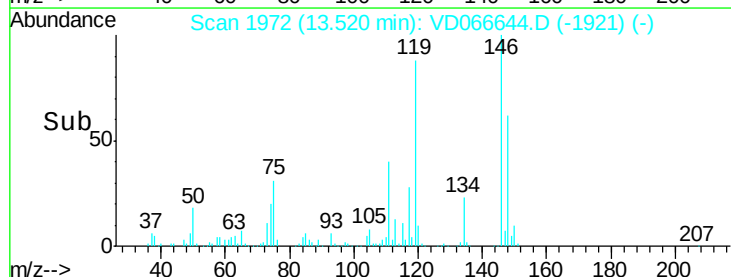
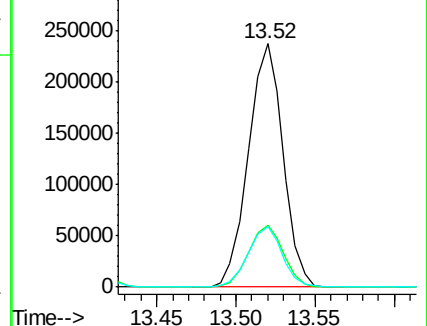
91 25.1 12.5 37.5

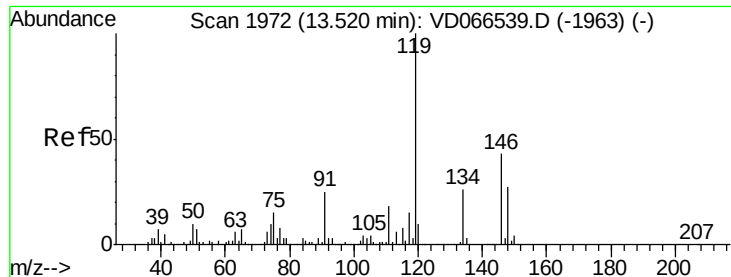


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.942 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Instrument :

MSVOA_D

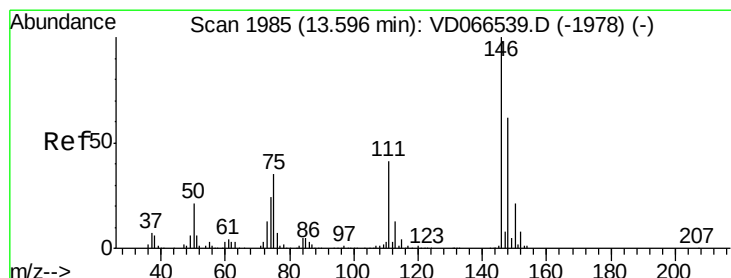
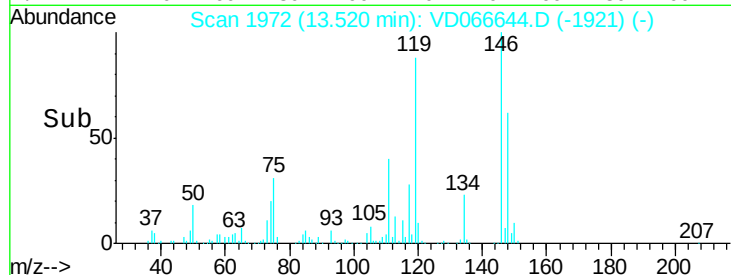
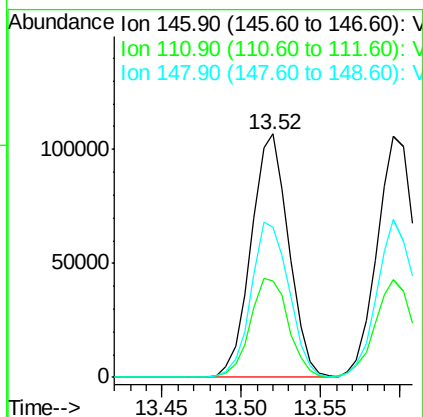
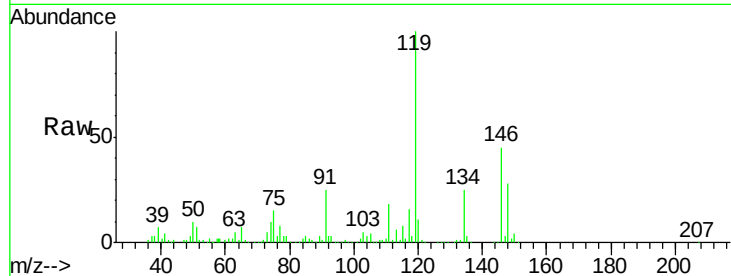
ClientSampleId :

VD0911SBS01

Tot Ion:	146	Resp:	175897
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.6	61.9
148	64.3	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.834 ug/l

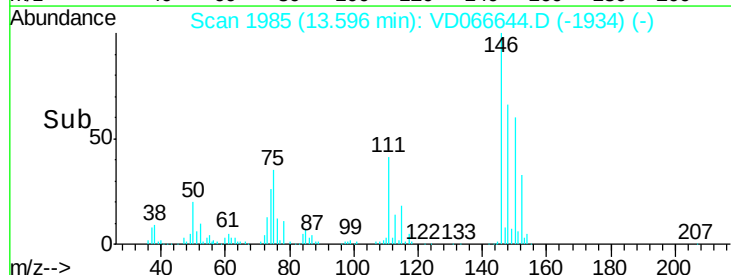
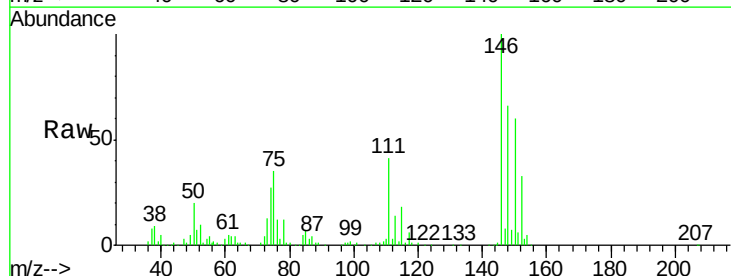
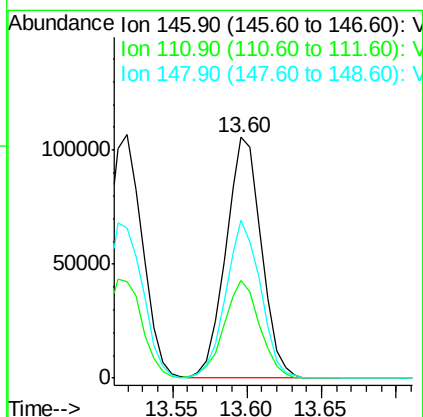
RT: 13.60 min Scan# 1985

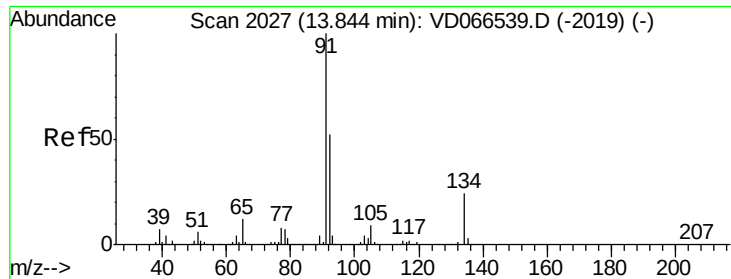
Delta R.T. -0.00 min

Lab File: VD066644.D

Acq: 11 Sep 2020 13:17

Tgt Ion:	146	Resp:	175634
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.1	60.2
148	64.2	31.6	94.8





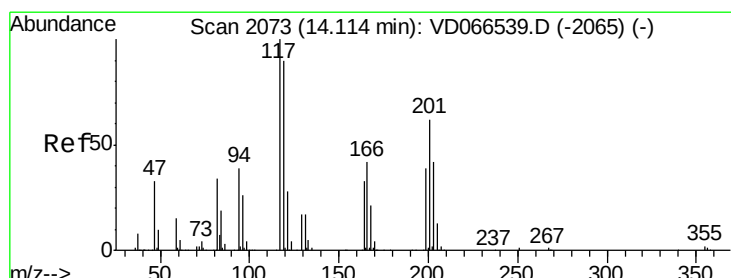
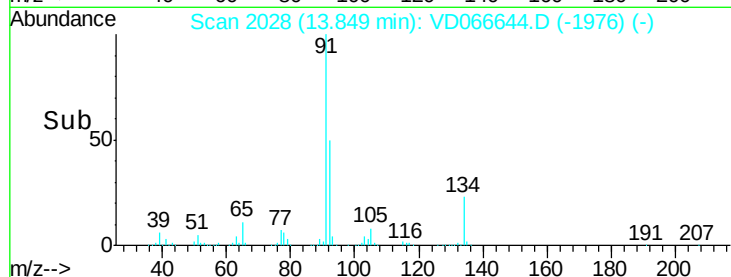
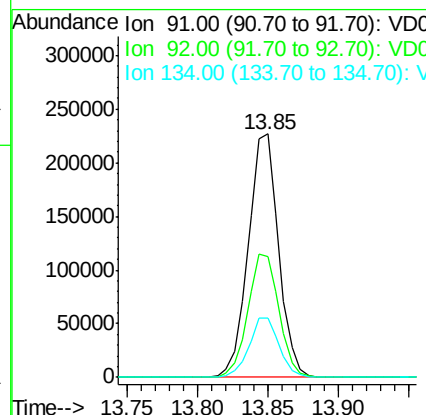
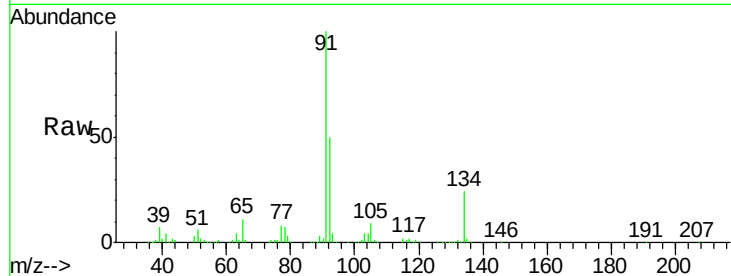
#89
n-Butylbenzene
Concen: 20.722 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.5	26.5	79.5	
134	24.4	12.1	36.3	

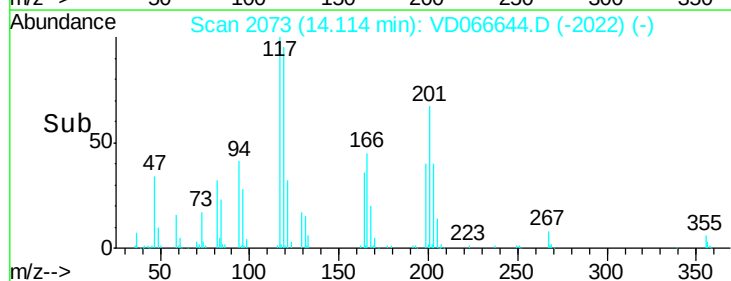
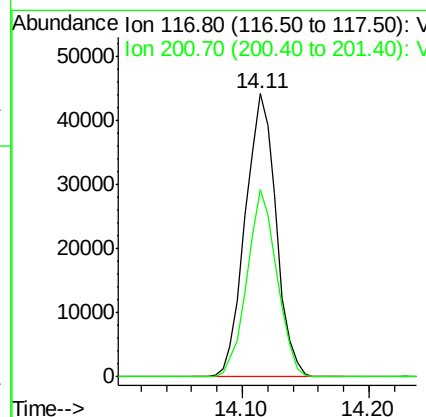
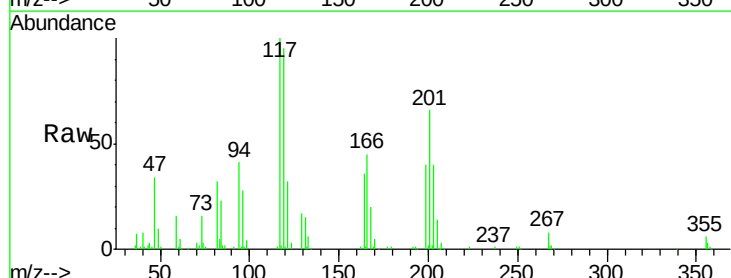
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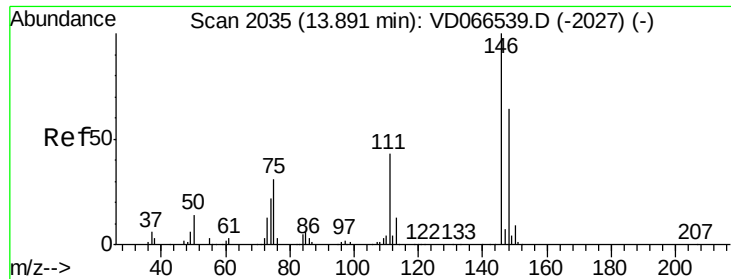
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#90
Hexachloroethane
Concen: 20.497 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	64.1	31.9	95.5	





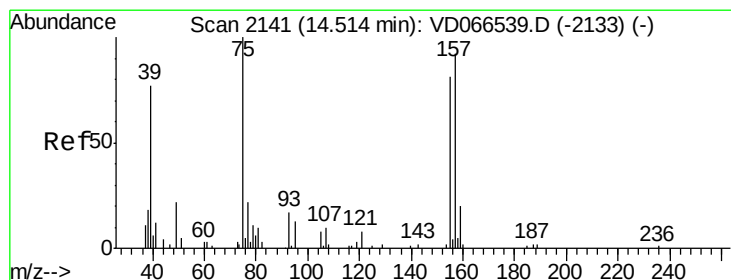
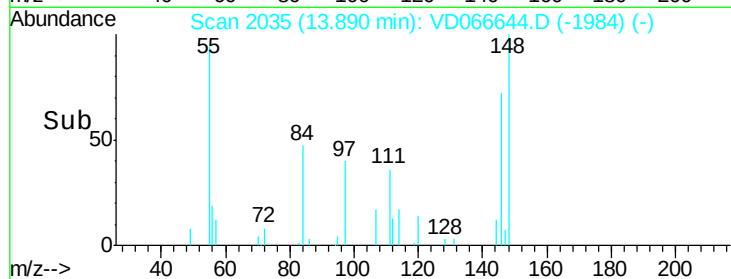
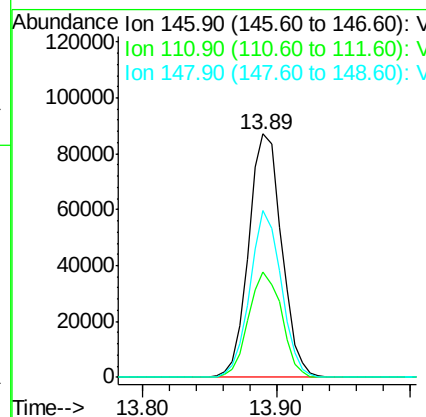
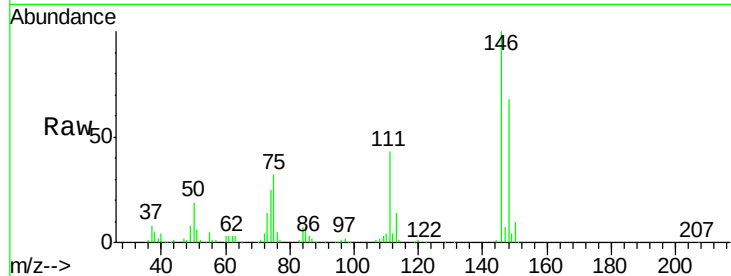
#91
 1,2-Dichlorobenzene
 Concen: 20.126 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	147753		
111	43.9	21.1	63.4	
148	65.5	31.8	95.3	

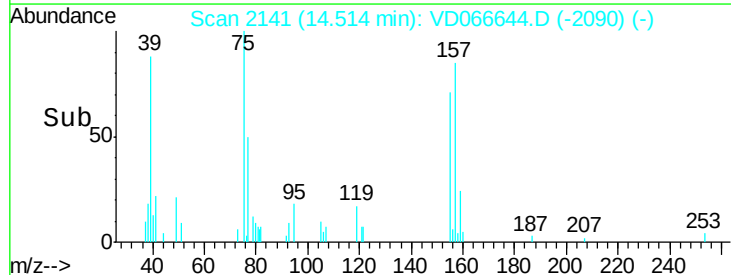
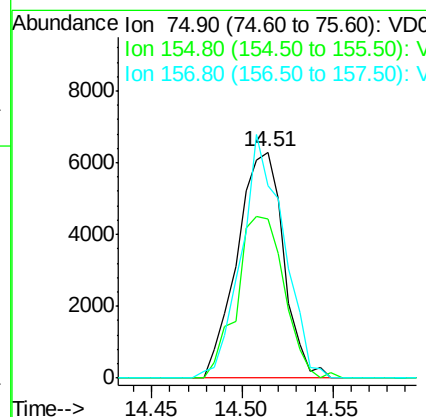
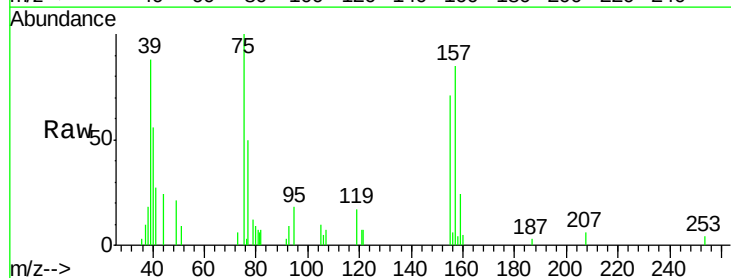
Manual Integrations
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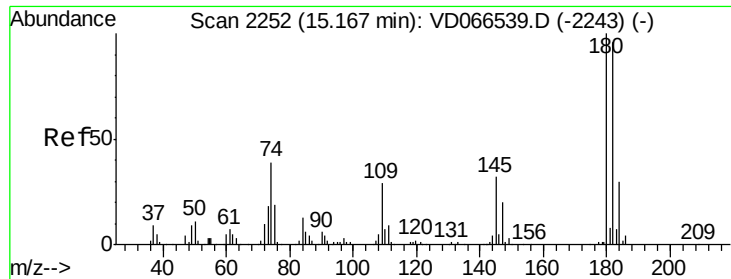
MMDadoda
 9/14/2020 12:06:44 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.710 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	11225		
155	72.8	39.3	117.8	
157	97.7	46.0	137.8	





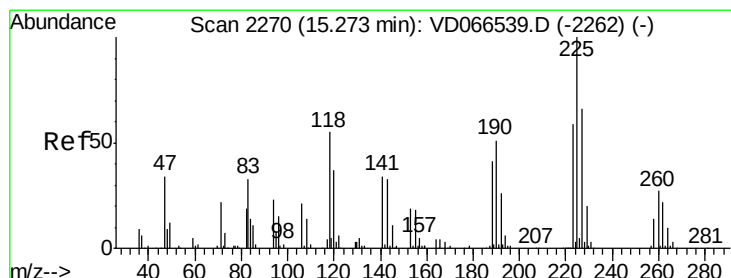
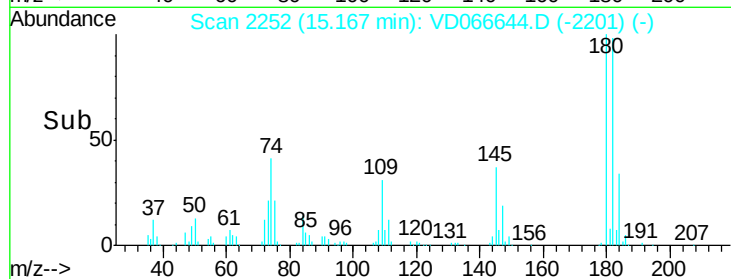
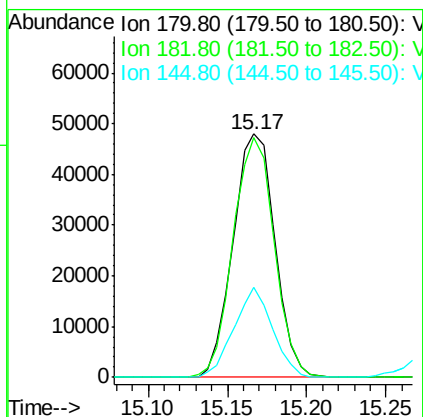
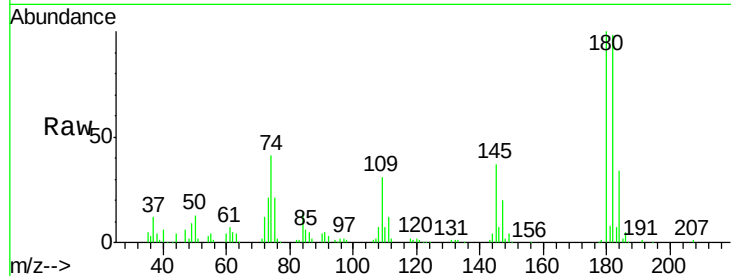
#93
 1,2,4-Trichlorobenzene
 Concen: 19.946 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0911SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.4	145.0
145	34.0	16.7	50.0

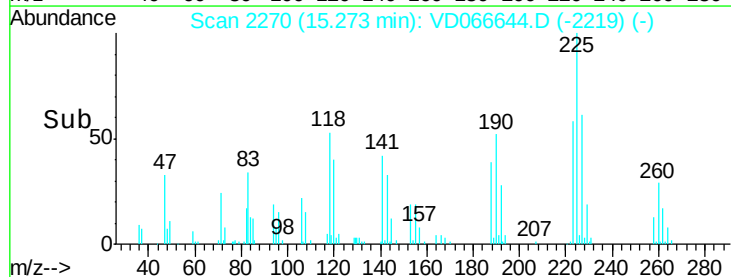
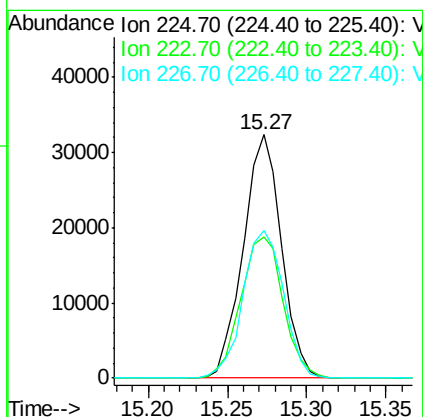
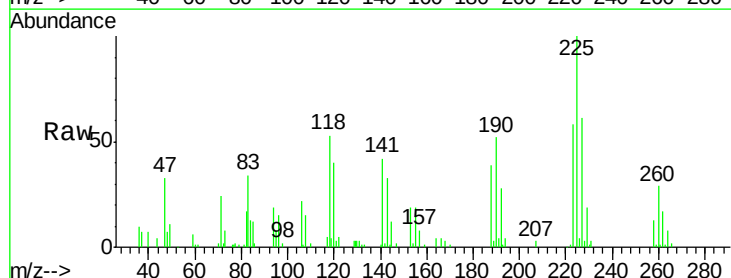
Manual Integrations
 APPROVED

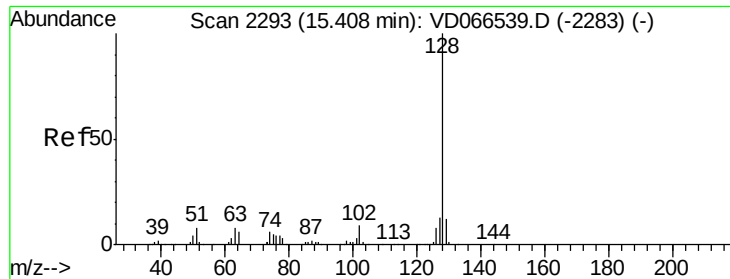
MMDadoda
 9/14/2020 12:06:44 PM



#94
 Hexachlorobutadiene
 Concen: 20.485 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066644.D
 Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	30.5	91.5
227	64.7	32.4	97.2





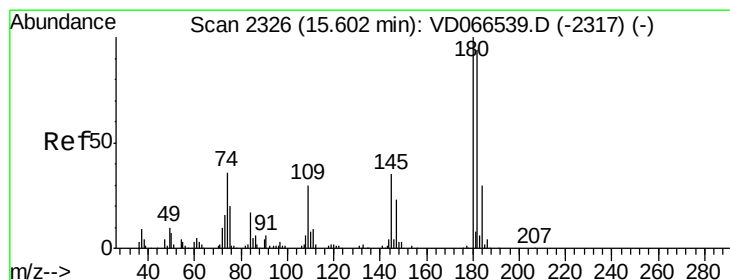
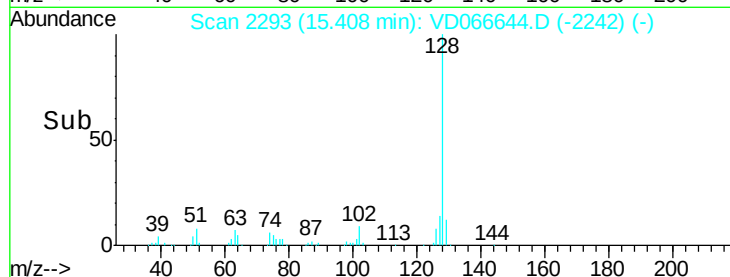
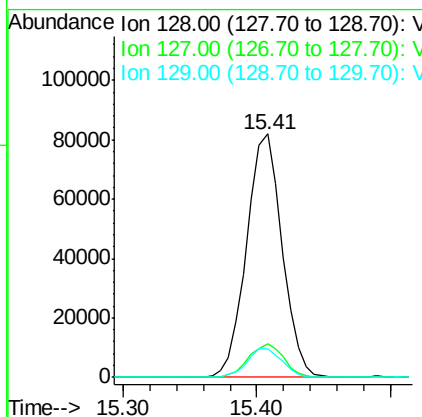
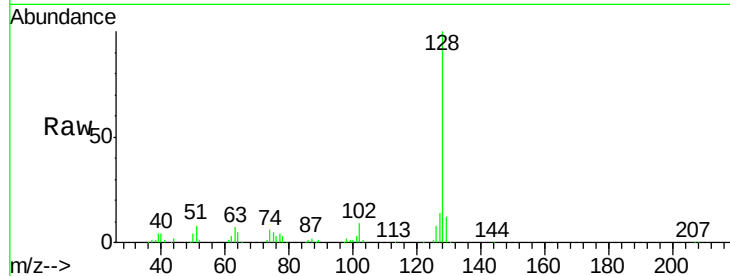
#95
Naphthalene
Concen: 19.541 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Instrument :
MSVOA_D
ClientSampleId :
VD0911SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	150450		
127	13.6	10.7	16.1	
129	11.8	9.1	13.7	

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:06:44 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.145 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066644.D
Acq: 11 Sep 2020 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	75670		
182	98.8	47.9	143.6	
145	36.5	17.3	51.7	

