

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010621\
 Data File : VD068013.D
 Acq On : 06 Jan 2021 15:01
 Operator : VA/SY
 Sample : M1022-02
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40967

Quant Time: Jan 07 00:10:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	234389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	413019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	318180	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	93380	50.00	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119668	47.28	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.56%
35) Dibromofluoromethane	7.914	113	134995	51.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.74%
50) Toluene-d8	10.344	98	655658	67.03	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	134.06%
62) 4-Bromofluorobenzene	12.632	95	190344	56.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.78%

Target Compounds						Qvalue
5) Bromomethane	2.785	94	1440	Below Cal		93
10) Methyl Iodide	4.303	142	1177	4.25 ug/l	#	88
11) Tert butyl alcohol	5.226	59	5740	Below Cal	#	74
13) Acrolein	4.150	56	14219	78.94 ug/l	#	1
14) Allyl chloride	4.944	41	68754	15.09 ug/l	#	60
15) Acrylonitrile	5.420	53	794	1.29 ug/l	#	83
17) Carbon Disulfide	4.414	76	53323	5.97 ug/l	#	94
18) Methyl Acetate	4.726	43	59267	41.50 ug/l		96
19) Methyl tert-butyl Ether	5.479	73	8190	1.54 ug/l	#	1
20) Methylene Chloride	4.967	84	22653	Below Cal	#	84
22) Diisopropyl ether	6.361	45	14681	1.60 ug/l		98
25) 2-Butanone	7.208	43	64624	90.68 ug/l	#	75
29) Tetrahydrofuran	7.555	42	740	1.54 ug/l	#	36
30) Chloroform	7.708	83	14370	2.64 ug/l	#	1
31) Cyclohexane	7.961	56	1617295	312.58 ug/l	#	55
37) Ethyl Acetate	7.208	43	64624	36.38 ug/l	#	75
39) Methylcyclohexane	9.355	83	2673844	531.23 ug/l		96
40) Benzene	8.350	78	351330	27.59 ug/l		100
41) Methacrylonitrile	7.726	41	86775	86.79 ug/l	#	61
42) 1,2-Dichloroethane	8.444	62	3669	1.07 ug/l	#	1
43) Isopropyl Acetate	8.449	43	930093	285.28 ug/l	#	51
45) 1,2-Dichloropropane	9.361	63	28681	8.85 ug/l	#	1
47) Bromodichloromethane	9.785	83	52885	12.44 ug/l	#	36
48) Methyl methacrylate	9.491	41	234802	139.35 ug/l	#	32
51) 4-Methyl-2-Pentanone	10.285	43	333221	197.37 ug/l	#	85
53) t-1,3-Dichloropropene	10.414	75	1025479	266.69 ug/l	#	1
55) 1,1,2-Trichloroethane	10.779	97	992561	450.68 ug/l	#	24
56) Ethyl methacrylate	10.638	69	101021	40.83 ug/l	#	73
58) 2-Chloroethyl Vinyl ether	9.973	63	3850	3.09 ug/l	#	48
59) 2-Hexanone	10.955	43	813038	732.81 ug/l	#	29
67) Ethyl Benzene	11.749	91	15159584	1238.41 ug/l	#	87
68) m/p-Xylenes	11.855	106	18936684	4059.33 ug/l	#	1
69) o-Xylene	12.185	106	7418315	1777.16 ug/l		91
70) Styrene	12.185	104	375574	52.07 ug/l	#	1
73) Isopropylbenzene	12.479	105	1091659	157.49 ug/l		100
74) N-amyl acetate	12.273	43	818236	520.05 ug/l	#	58

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	

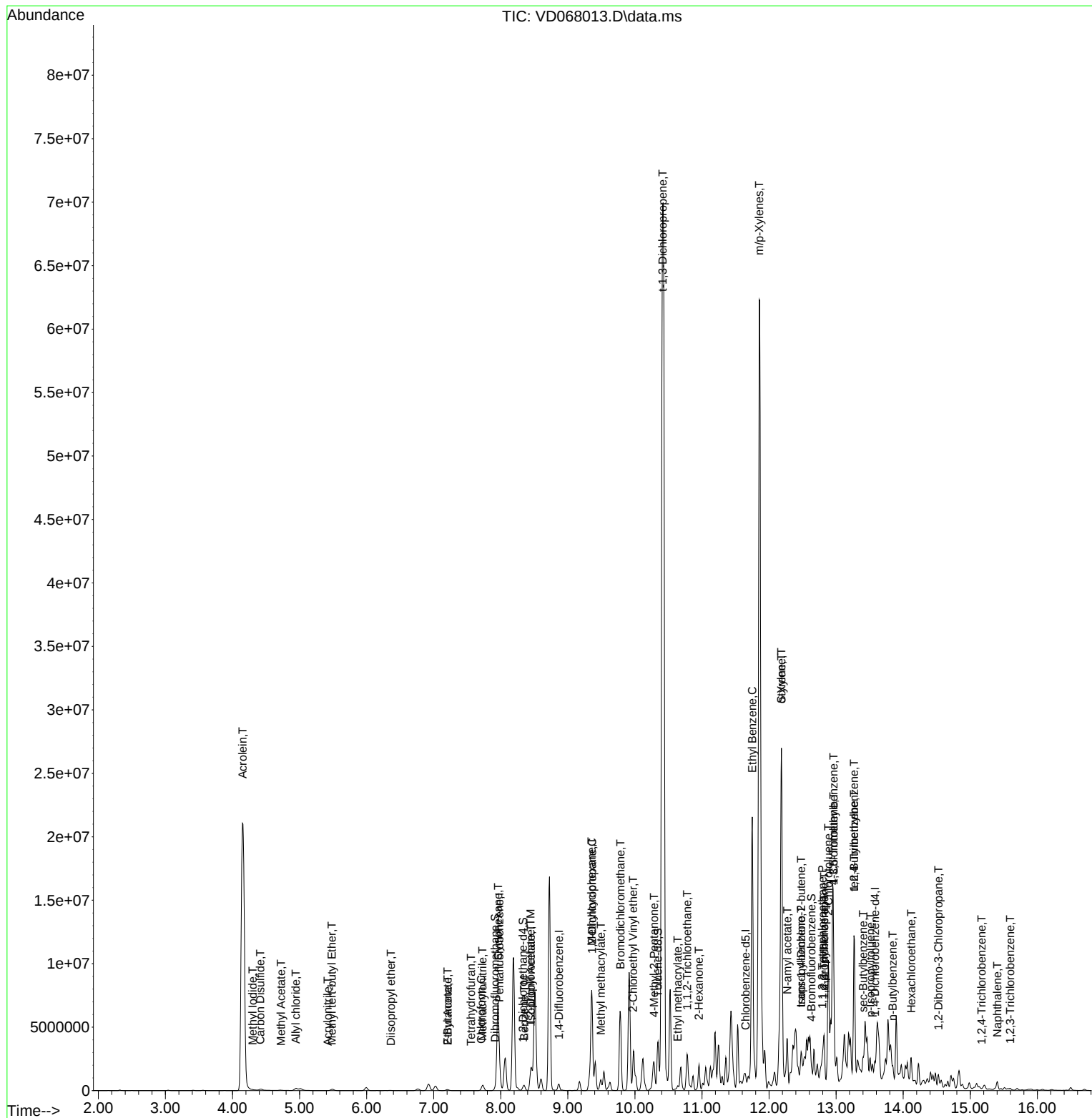
75) 1,1,2,2-Tetrachloroethane	12.796	83	157756	122.68	ug/l #	75	
76) 1,2,3-Trichloropropane	12.826	75	16473	20.95	ug/l #	100	
78) n-propylbenzene	12.820	91	2582796	299.76	ug/l	99	
79) 2-Chlorotoluene	12.885	91	720854	148.08	ug/l #	42	
80) 1,3,5-Trimethylbenzene	12.961	105	1958850	340.29	ug/l	98	
81) trans-1,4-Dichloro-2-b...	12.479	75	14176	36.96	ug/l #	72	
82) 4-Chlorotoluene	12.961	91	225610	44.10	ug/l #	50	
83) tert-Butylbenzene	13.267	119	825156	174.28	ug/l #	66	
84) 1,2,4-Trimethylbenzene	13.267	105	6622915	1147.17	ug/l	99	
85) sec-Butylbenzene	13.402	105	632970	91.37	ug/l	85	
86) p-Isopropyltoluene	13.514	119	282971	46.42	ug/l	99	
89) n-Butylbenzene	13.843	91	787030	130.15	ug/l #	73	
90) Hexachloroethane	14.120	117	96809	77.72	ug/l #	16	
92) 1,2-Dibromo-3-Chloropr...	14.526	75	1990	9.89	ug/l #	11	
93) 1,2,4-Trichlorobenzene	15.167	180	2636	1.67	ug/l #	12	
95) Naphthalene	15.402	128	545720	195.97	ug/l	98	
96) 1,2,3-Trichlorobenzene	15.596	180	1579	1.16	ug/l #	1	

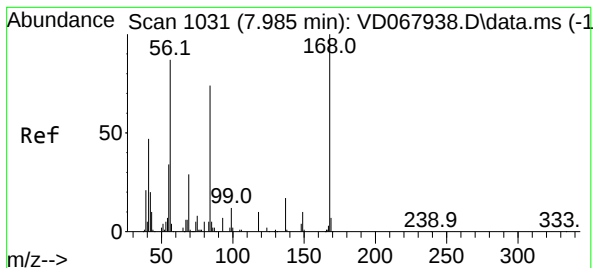
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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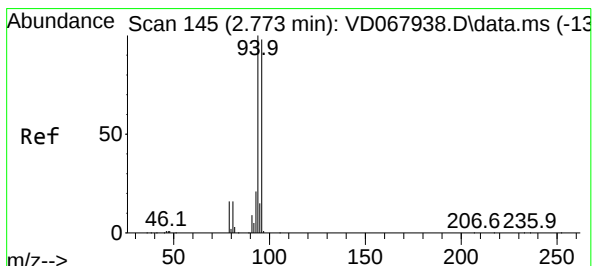
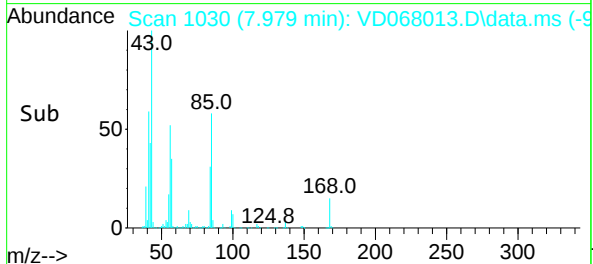
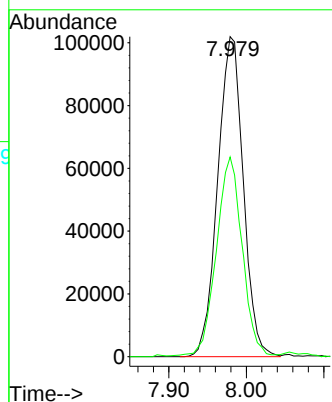
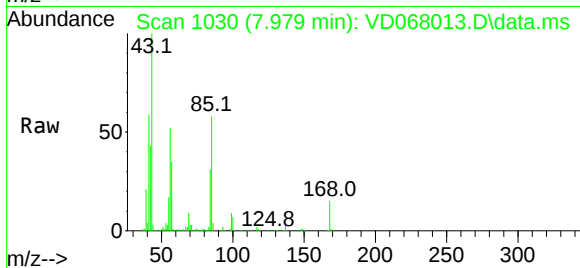




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

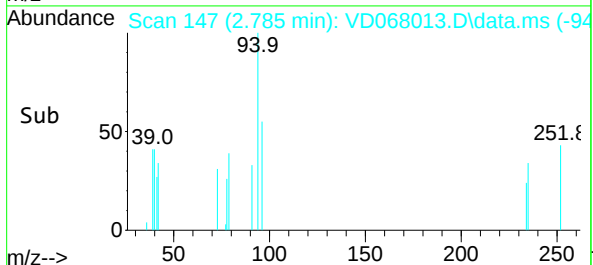
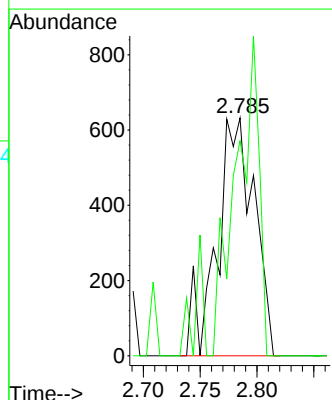
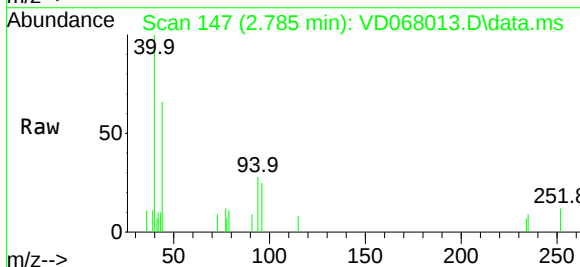
Instrument :
MSVOA_D
ClientSampleId :
40967

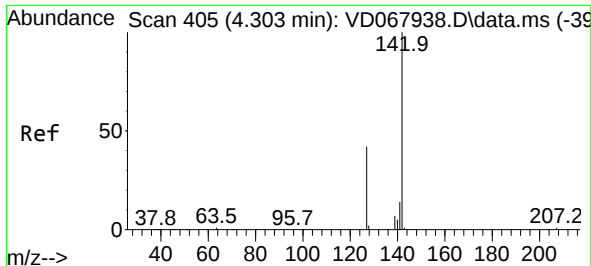
Tgt Ion:168 Resp: 234389
Ion Ratio Lower Upper
168 100
99 61.9 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.012 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 94 Resp: 1440
Ion Ratio Lower Upper
94 100
96 90.3 78.0 117.0

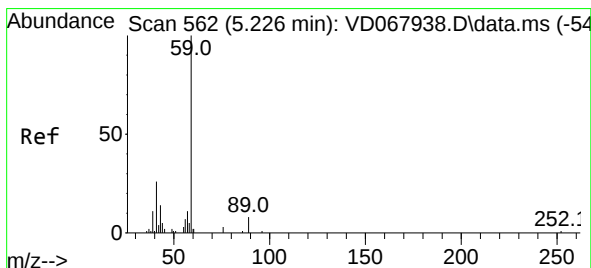
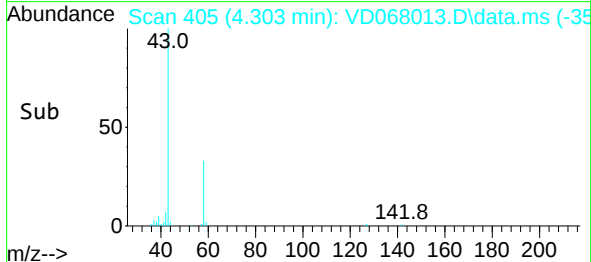
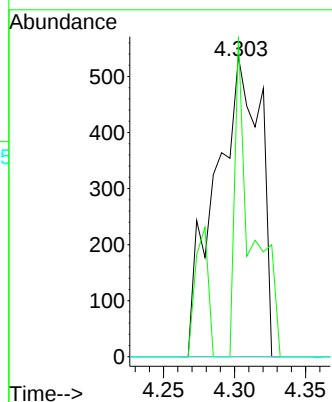
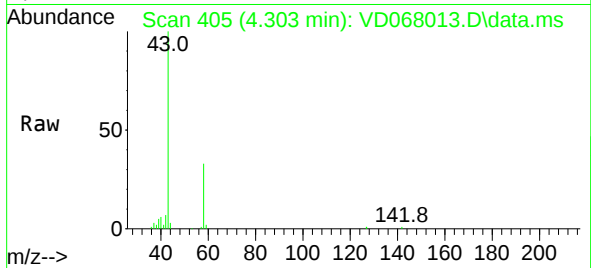




#10
Methyl Iodide
Concen: 4.25 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

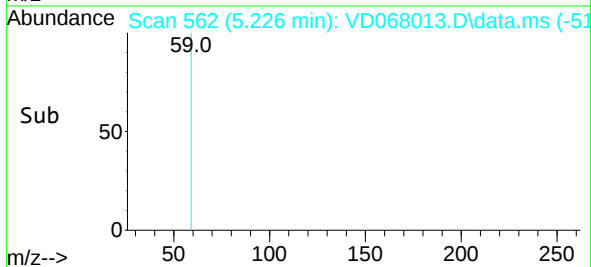
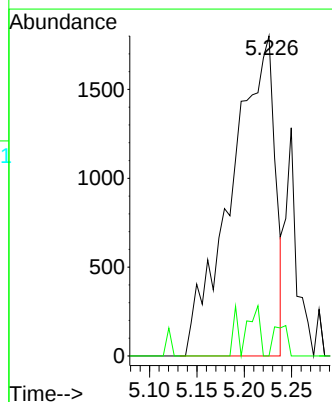
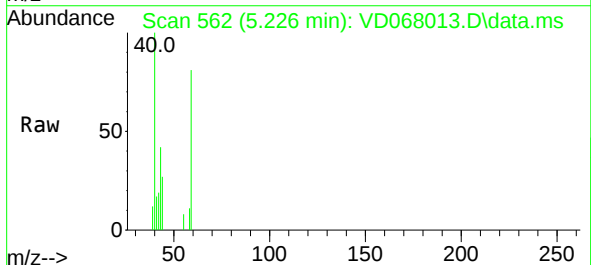
Instrument :
MSVOA_D
ClientSampleId :
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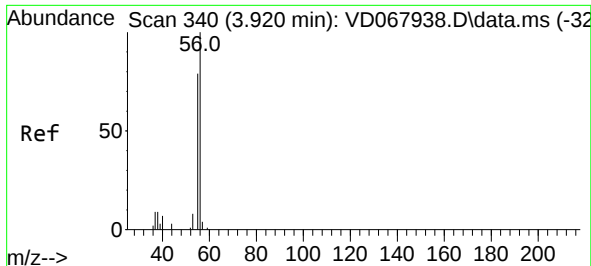
Tgt Ion:142 Resp: 1177
Ion Ratio Lower Upper
142 100
127 40.4 34.4 51.6
141 0.0 11.8 17.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 59 Resp: 5740
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

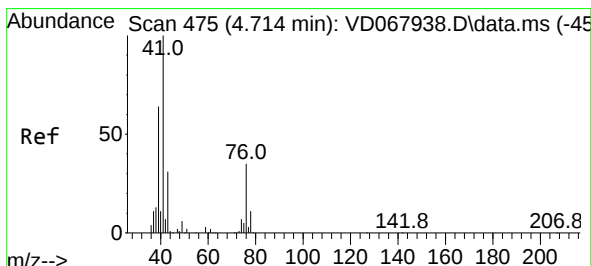
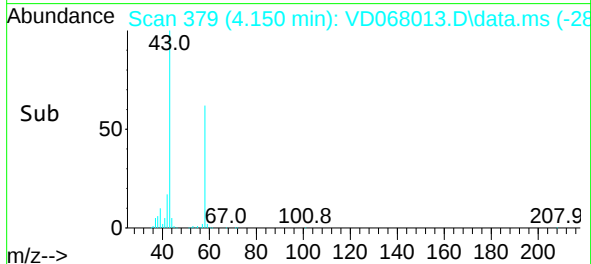
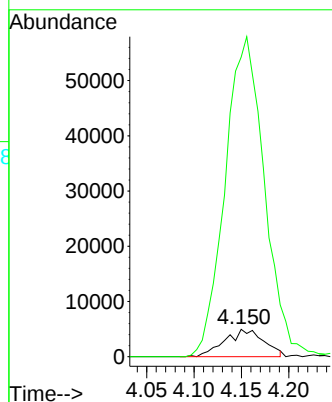
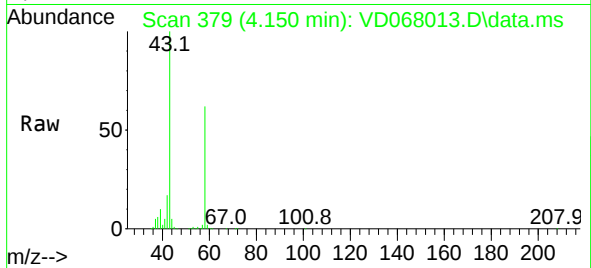




#13
Acrolein
Concen: 78.94 ug/l
RT: 4.150 min Scan# 379
Delta R.T. 0.229 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

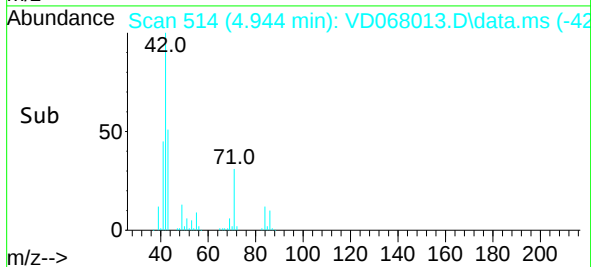
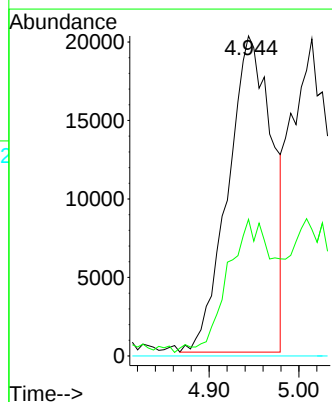
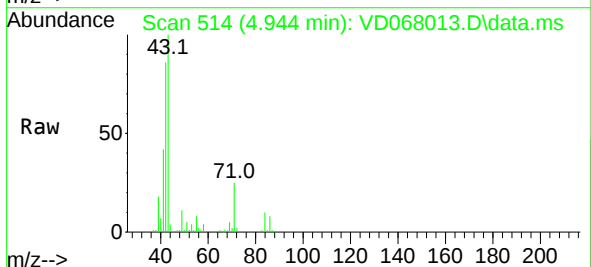
Instrument :
MSVOA_D
ClientSampleId :
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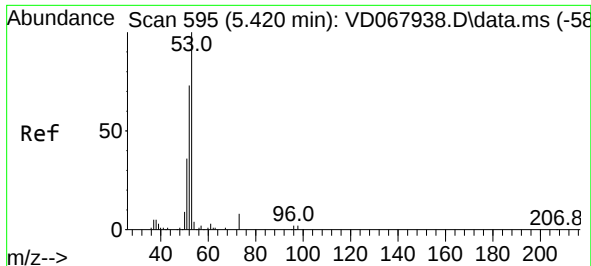
Tgt Ion: 56 Resp: 14219
Ion Ratio Lower Upper
56 100
55 1144.1 58.5 87.7#



#14
Allyl chloride
Concen: 15.09 ug/l
RT: 4.944 min Scan# 514
Delta R.T. 0.229 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

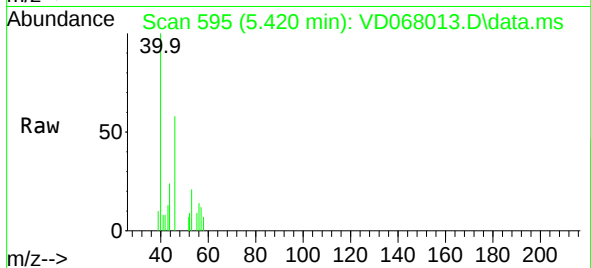
Tgt Ion: 41 Resp: 68754
Ion Ratio Lower Upper
41 100
39 39.6 50.5 75.7#
76 0.0 27.0 40.4#



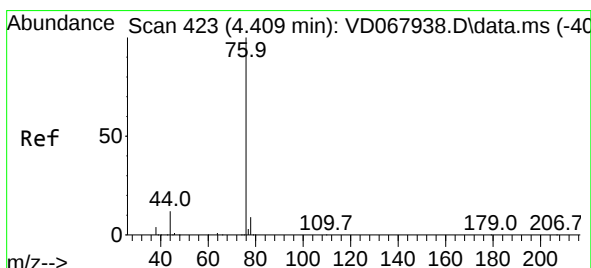
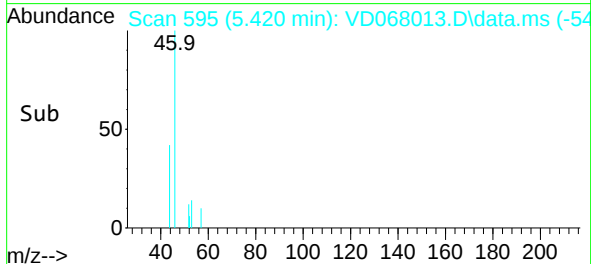
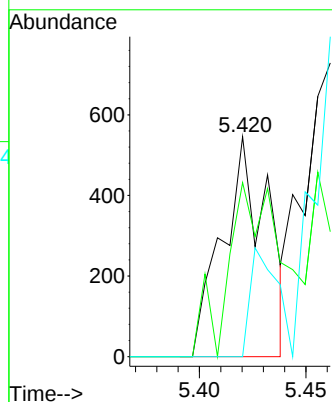


#15
Acrylonitrile
Concen: 1.29 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Instrument :
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ClientSampleId :
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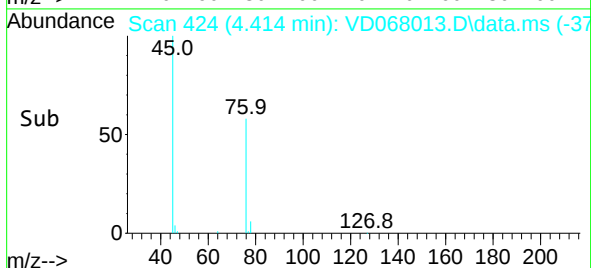
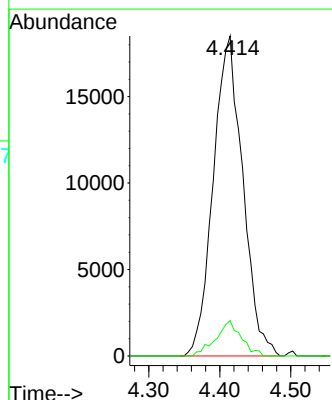
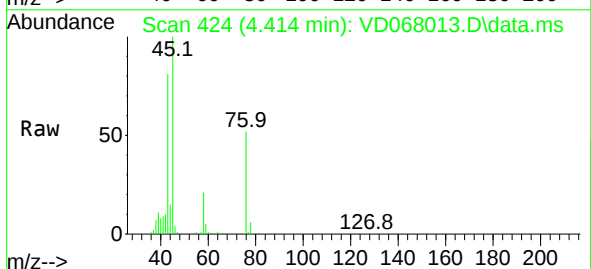


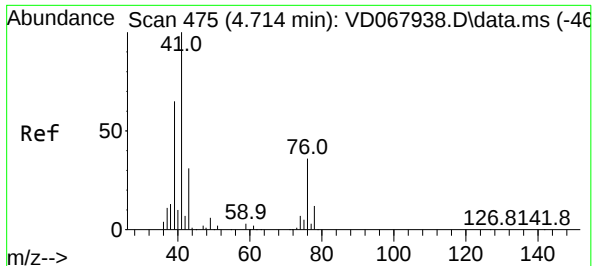
Tgt Ion: 53 Resp: 794
Ion Ratio Lower Upper
53 100
52 99.4 65.3 97.9#
51 29.6 29.4 44.2



#17
Carbon Disulfide
Concen: 5.97 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

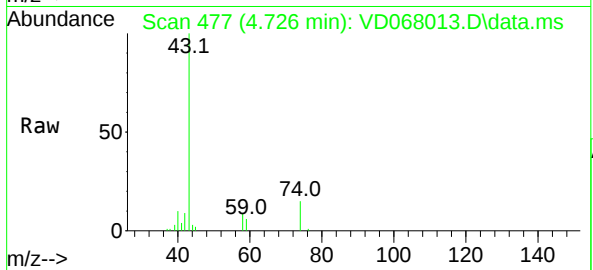
Tgt Ion: 76 Resp: 53323
Ion Ratio Lower Upper
76 100
78 11.1 7.1 10.7#



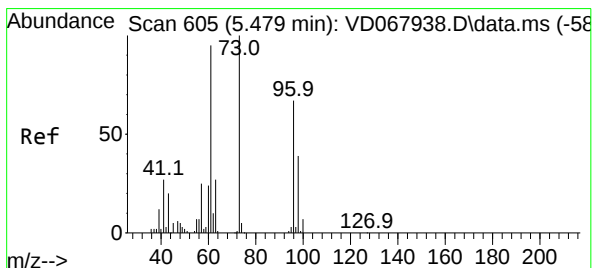
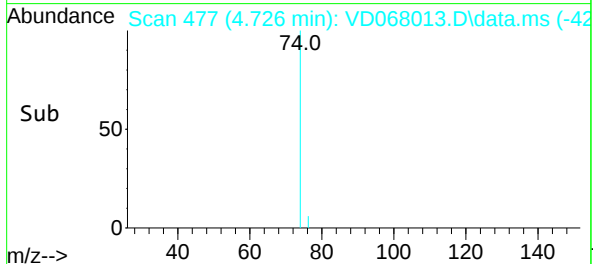
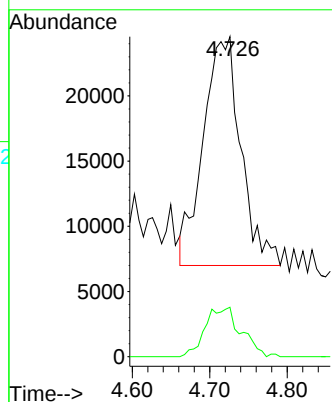


#18
Methyl Acetate
Concen: 41.50 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.012 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Instrument :
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ClientSampled :
40967

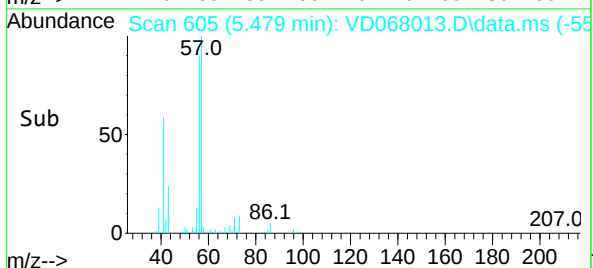
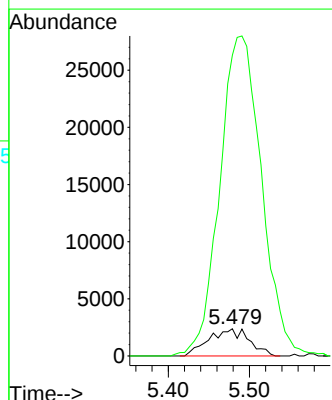
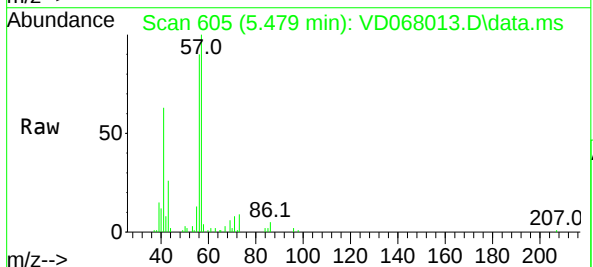


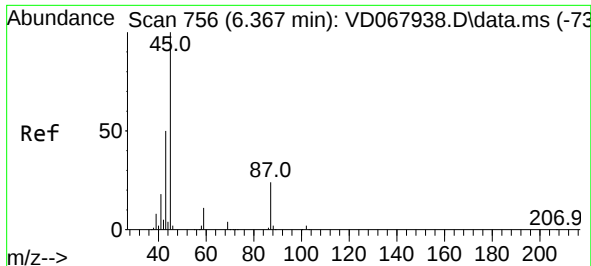
Tgt Ion: 43 Resp: 59267
Ion Ratio Lower Upper
43 100
74 20.5 18.2 27.2



#19
Methyl tert-butyl Ether
Concen: 1.54 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

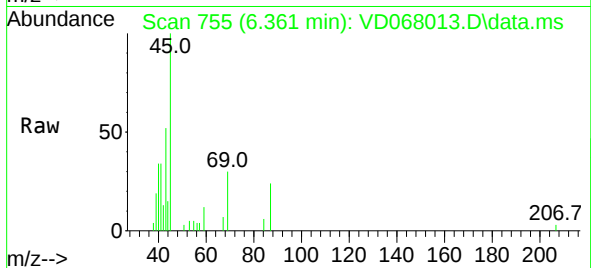
Tgt Ion: 73 Resp: 8190
Ion Ratio Lower Upper
73 100
57 1095.5 19.8 29.6#



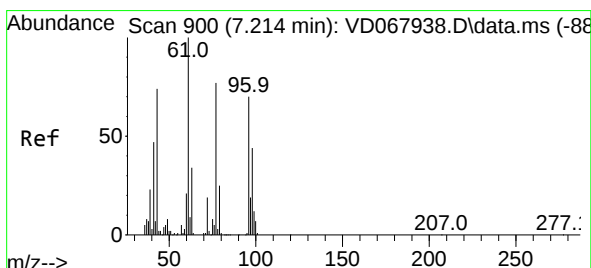
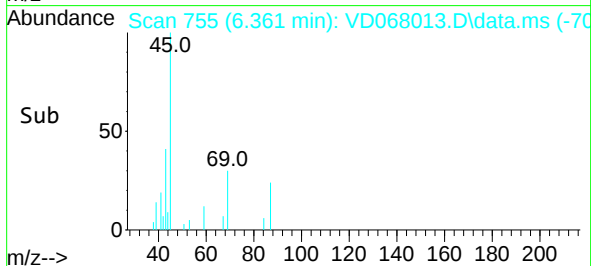
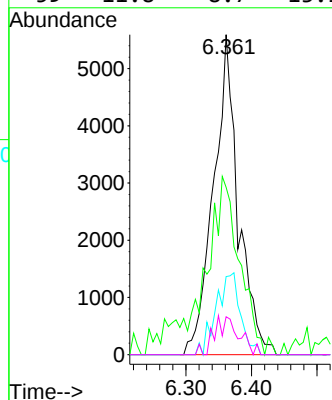


#22
Diisopropyl ether
Concen: 1.60 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

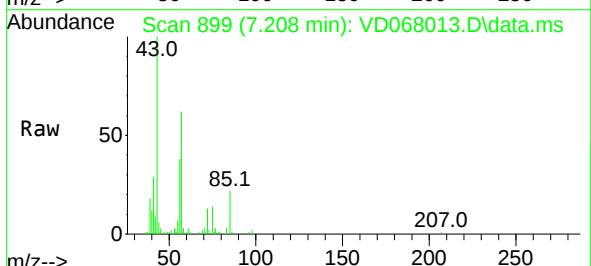
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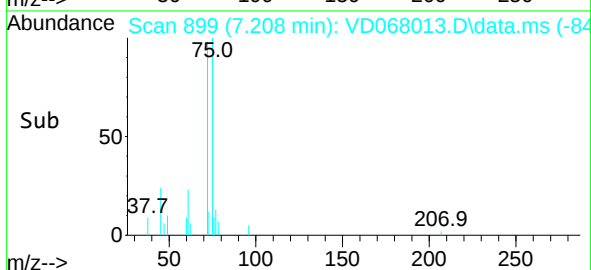
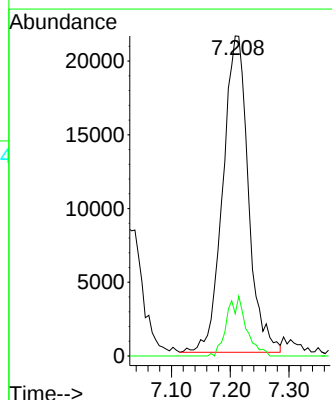
Tgt Ion:	45	Resp:	14681
Ion	Ratio	Lower	Upper
45	100		
43	52.3	40.2	60.4
87	24.4	19.2	28.8
59	11.8	8.7	13.1

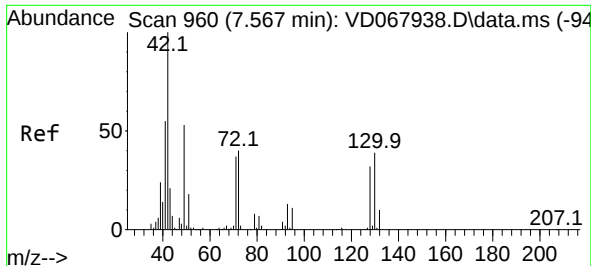


#25
2-Butanone
Concen: 90.68 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01



Tgt Ion:	43	Resp:	64624
Ion	Ratio	Lower	Upper
43	100		
72	13.4	20.8	31.2#





#29

Tetrahydrofuran

Concen: 1.54 ug/l

RT: 7.555 min Scan# 958

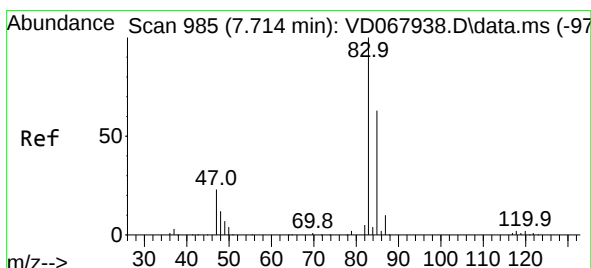
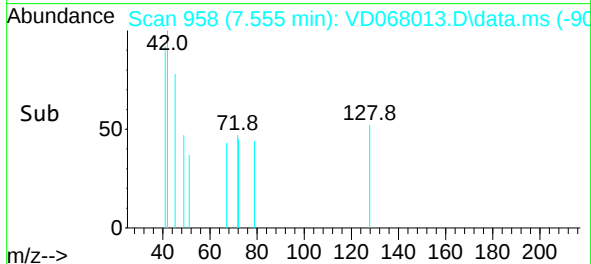
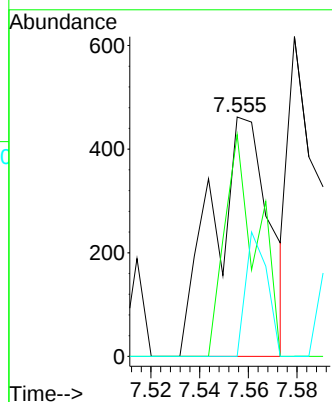
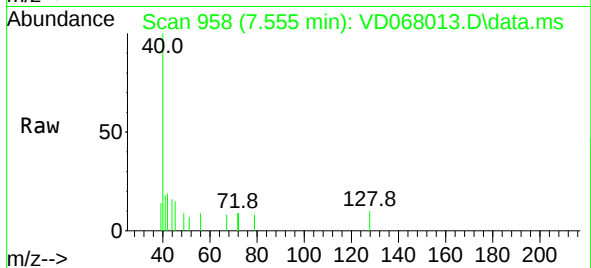
Delta R.T. -0.012 min

Lab File: VD068013.D

Acq: 06 Jan 2021 15:01

Instrument :
MSVOA_D
ClientSampled :
40967

Tgt Ion:	42	Resp:	740
Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.9	49.3#
71	0.0	29.9	44.9#



#30

Chloroform

Concen: 2.64 ug/l

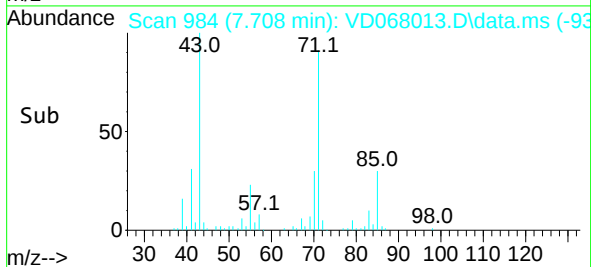
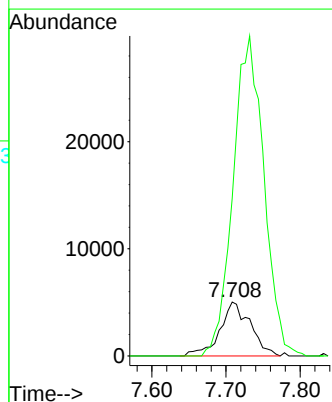
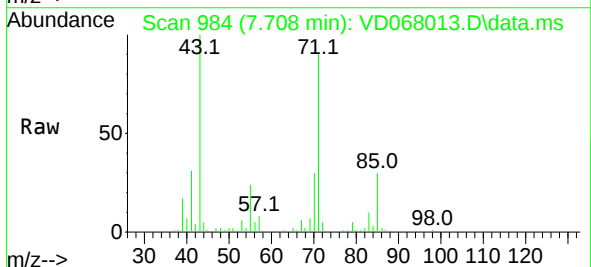
RT: 7.708 min Scan# 984

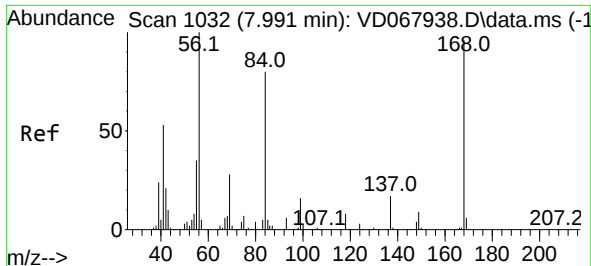
Delta R.T. -0.006 min

Lab File: VD068013.D

Acq: 06 Jan 2021 15:01

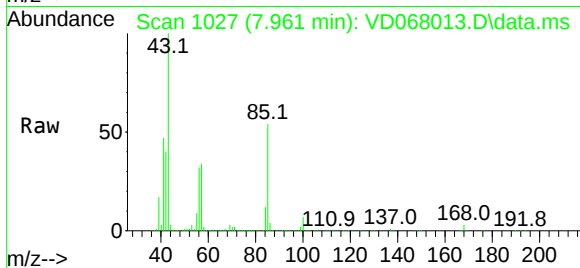
Tgt Ion:	83	Resp:	14370
Ion	Ratio	Lower	Upper
83	100		
85	291.9	50.5	75.7#



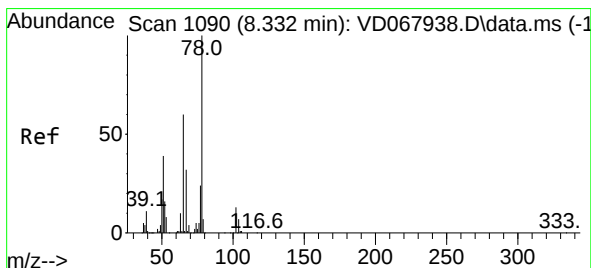
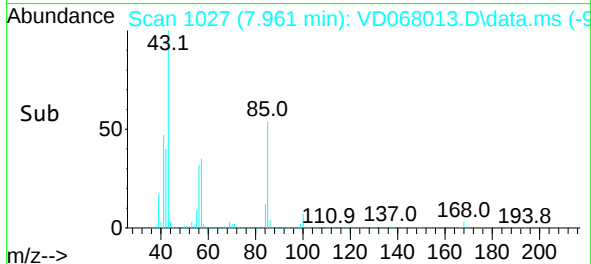
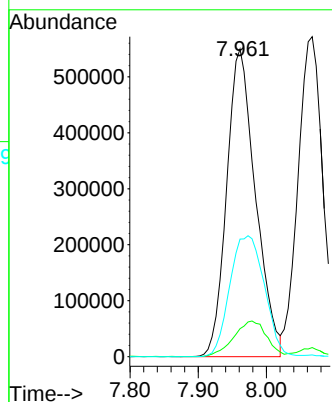


#31
Cyclohexane
Concen: 312.58 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.029 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Instrument :
MSVOA_D
ClientSampleId :
40967

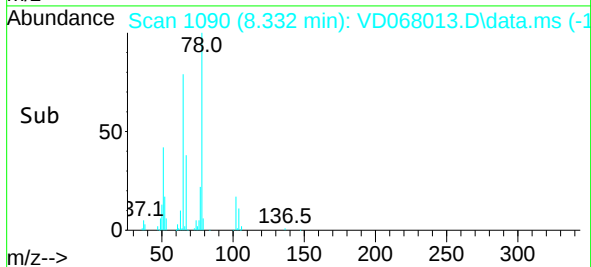
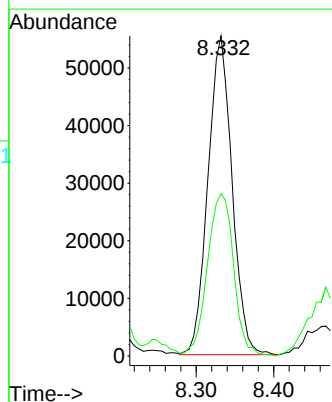
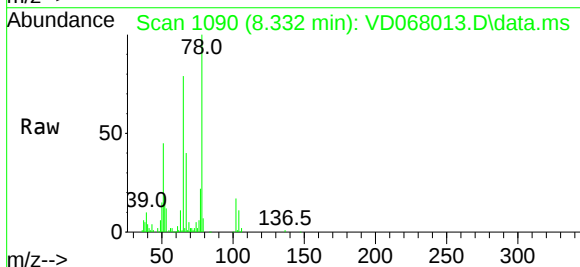


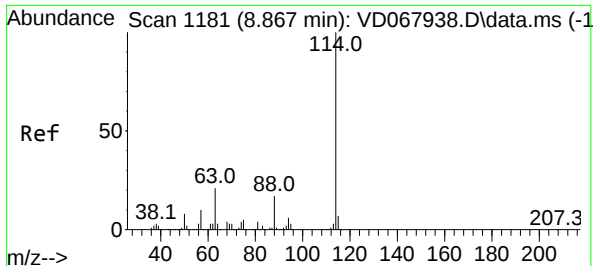
Tgt Ion: 56 Resp: 1617295
Ion Ratio Lower Upper
56 100
69 9.0 22.7 34.1#
84 38.2 64.2 96.4#



#33
1,2-Dichloroethane-d4
Concen: 47.28 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 65 Resp: 119668
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.0

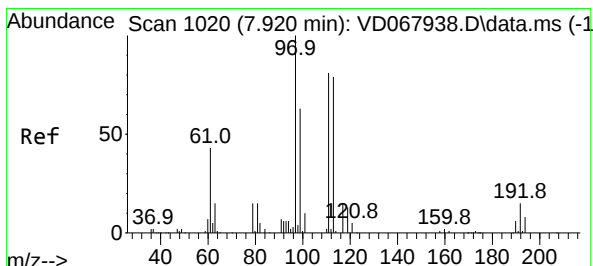
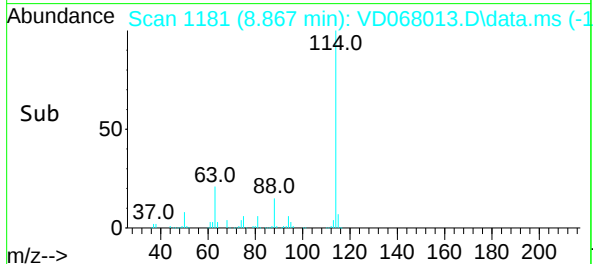
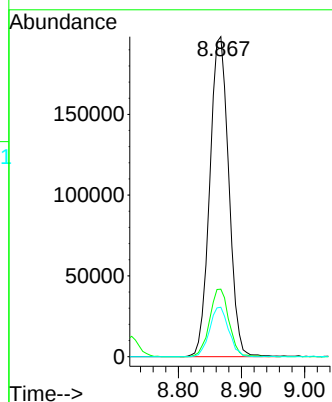
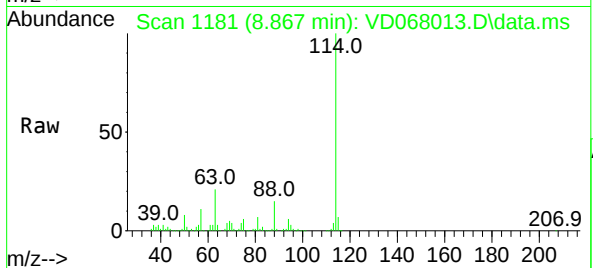




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

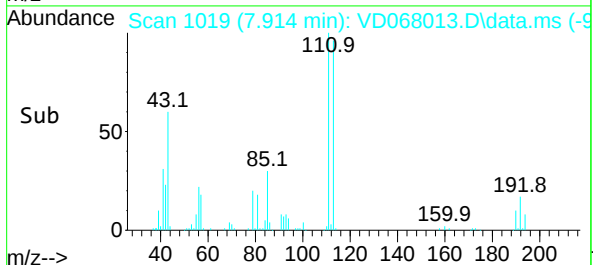
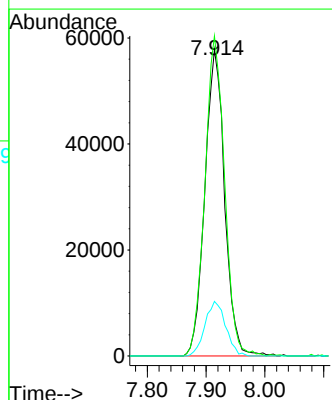
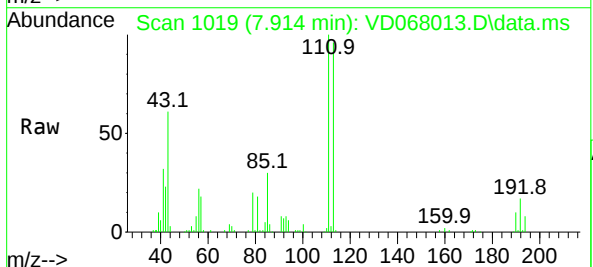
Instrument :
MSVOA_D
ClientSampleId :
40967

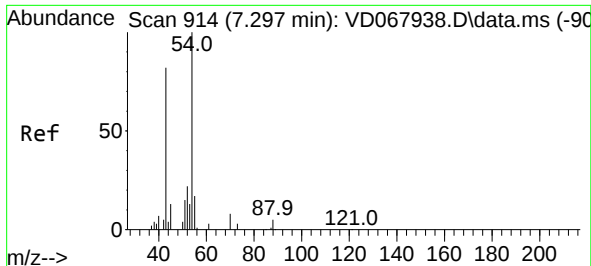
Tgt Ion:	114	Resp:	413019
Ion Ratio	Lower	Upper	
114	100		
63	21.1	0.0	41.4
88	15.5	0.0	33.2



#35
Dibromofluoromethane
Concen: 51.87 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion:	113	Resp:	134995
Ion Ratio	Lower	Upper	
113	100		
111	104.1	79.3	118.9
192	18.7	14.5	21.7

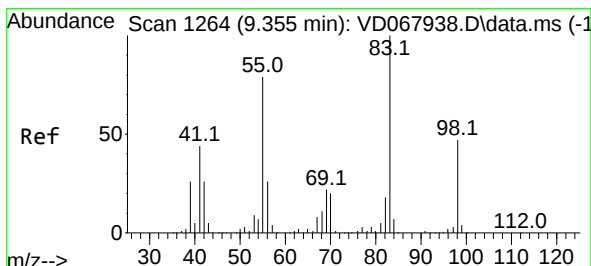
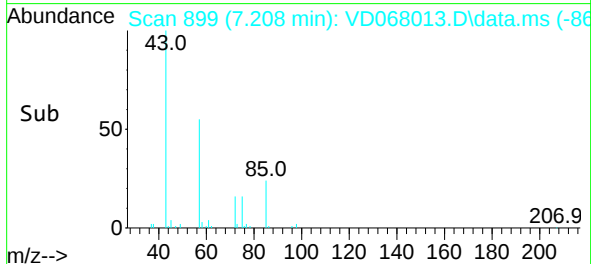
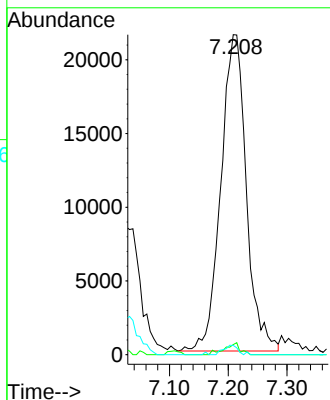
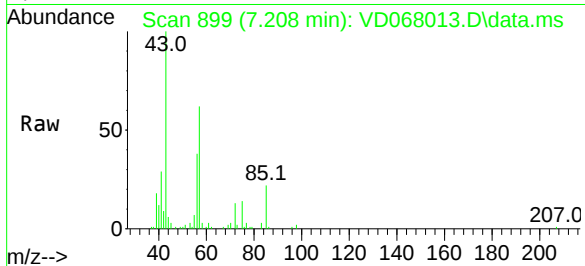




#37
Ethyl Acetate
Concen: 36.38 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.088 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

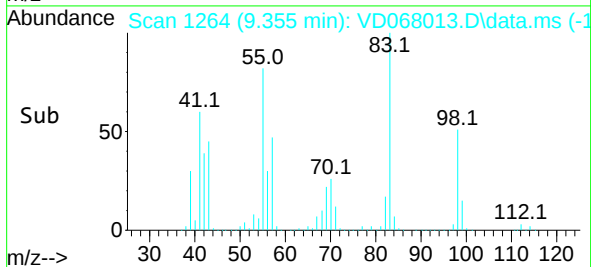
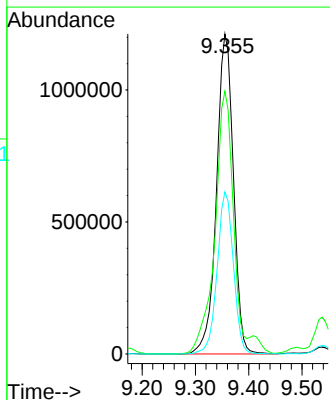
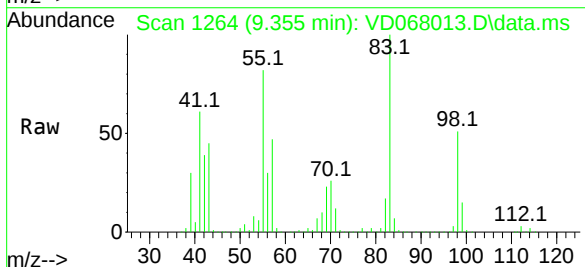
Instrument :
MSVOA_D
ClientSampleId :
40967

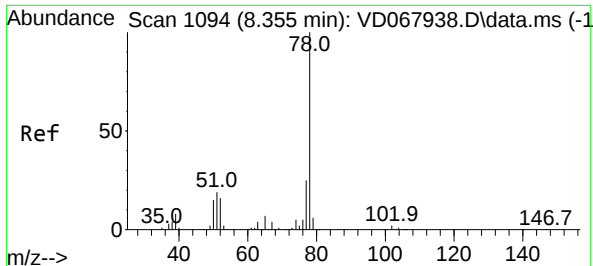
Tgt Ion: 43 Resp: 64624
Ion Ratio Lower Upper
43 100
61 2.3 10.2 15.4#
70 1.6 8.3 12.5#



#39
Methylcyclohexane
Concen: 531.23 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 83 Resp: 2673844
Ion Ratio Lower Upper
83 100
55 82.0 63.5 95.3
98 50.6 37.3 55.9

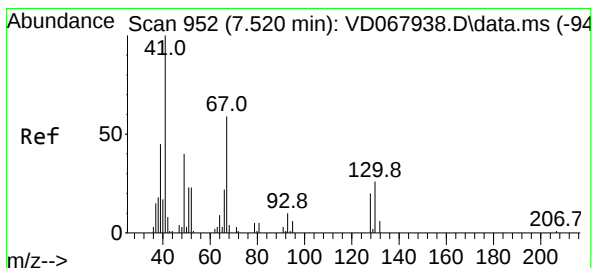
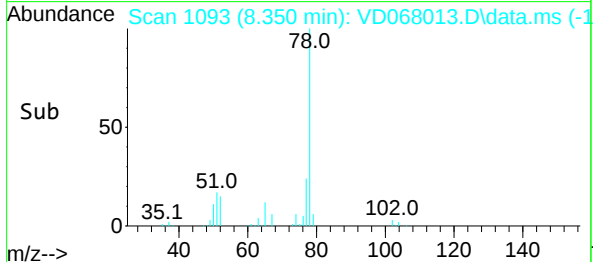
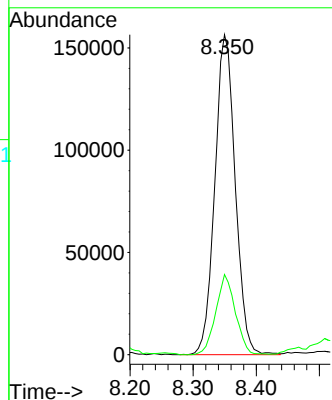
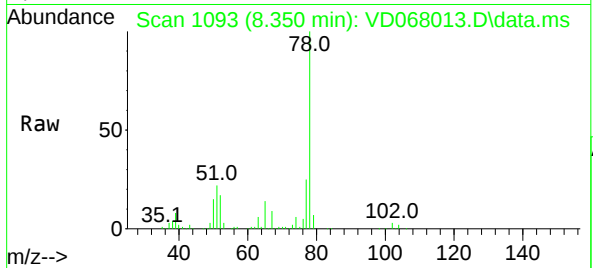




#40
Benzene
Concen: 27.59 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

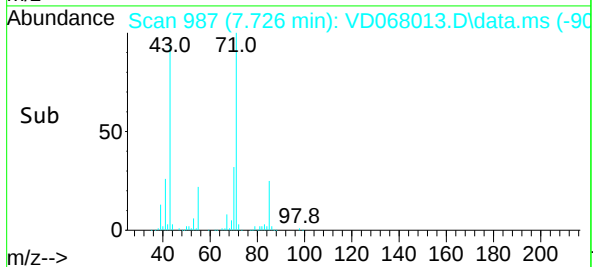
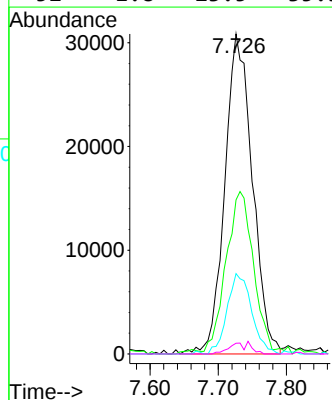
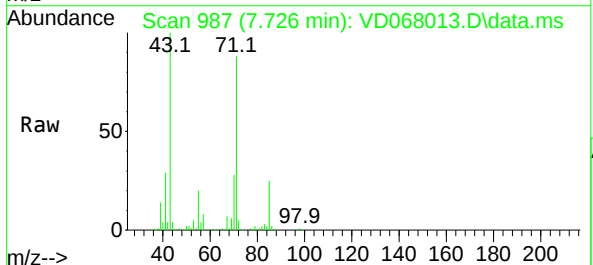
Instrument :
MSVOA_D
ClientSampleId :
40967

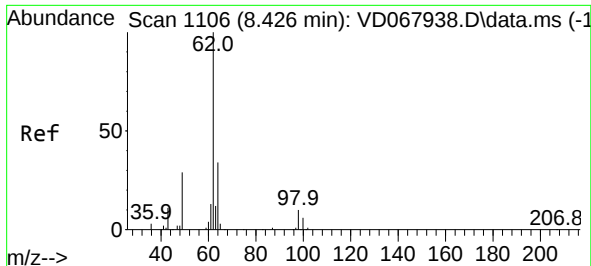
Tgt Ion: 78 Resp: 351330
Ion Ratio Lower Upper
78 100
77 25.0 20.1 30.1



#41
Methacrylonitrile
Concen: 86.79 ug/l
RT: 7.726 min Scan# 987
Delta R.T. 0.206 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 41 Resp: 86775
Ion Ratio Lower Upper
41 100
39 49.3 46.2 69.2
67 22.3 55.1 82.7#
52 1.8 23.5 35.3#

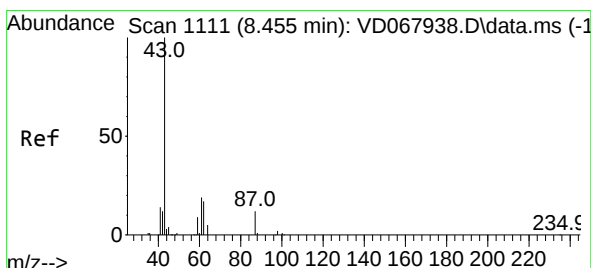
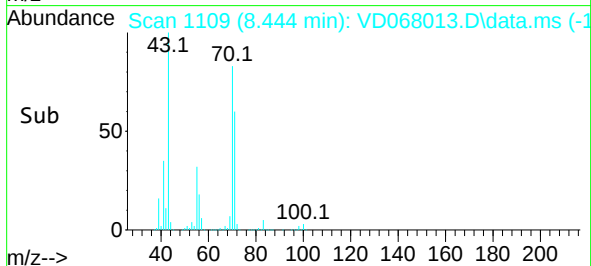
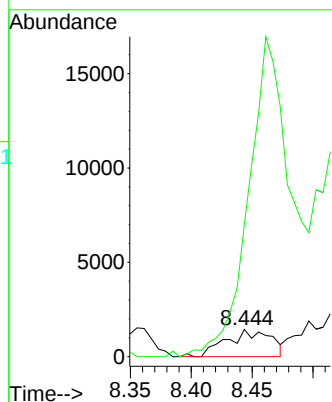
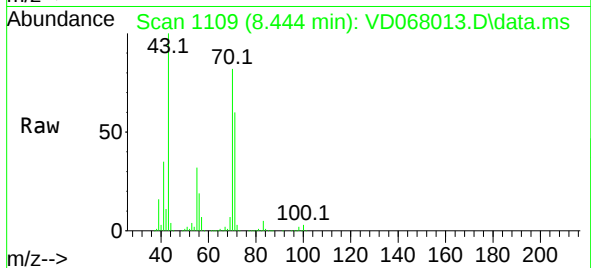




#42
1,2-Dichloroethane
Concen: 1.07 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.018 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

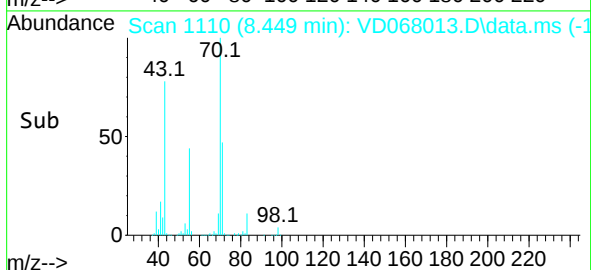
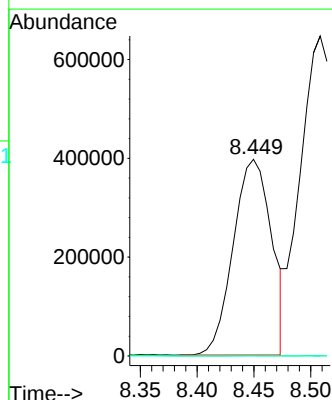
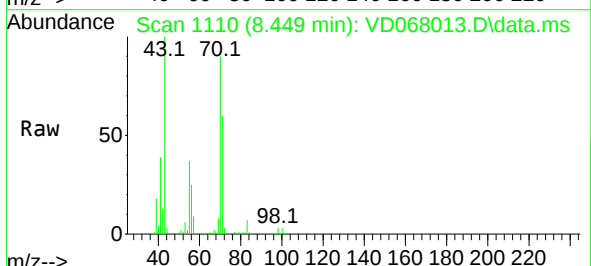
Instrument :
MSVOA_D
ClientSampled :
40967

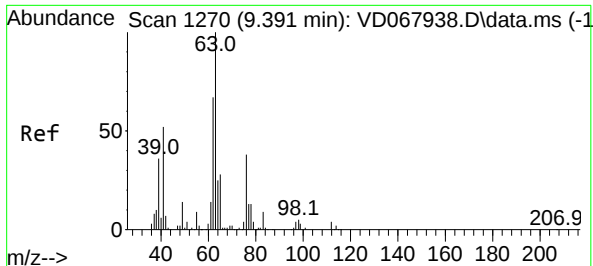
Tgt Ion: 62 Resp: 3669
Ion Ratio Lower Upper
62 100
98 1124.9 0.0 20.4#



#43
Isopropyl Acetate
Concen: 285.28 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 43 Resp: 930093
Ion Ratio Lower Upper
43 100
61 0.1 24.5 36.7#
87 0.0 9.8 14.8#



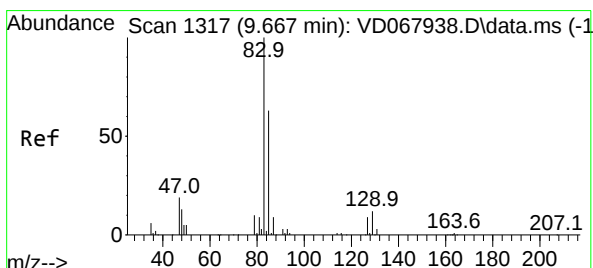
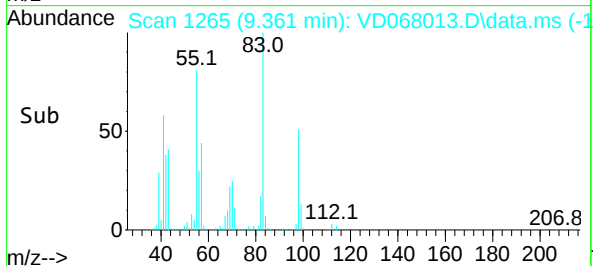
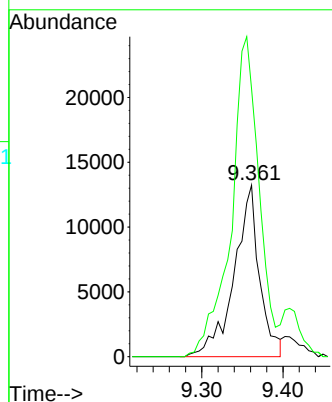
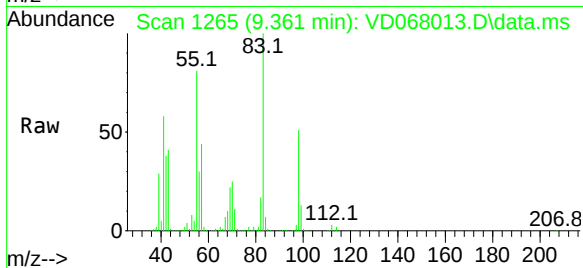


#45

1,2-Dichloropropane
Concen: 8.85 ug/l
RT: 9.361 min Scan# 1265
Delta R.T. -0.029 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Instrument :
MSVOA_D
ClientSampled :
40967

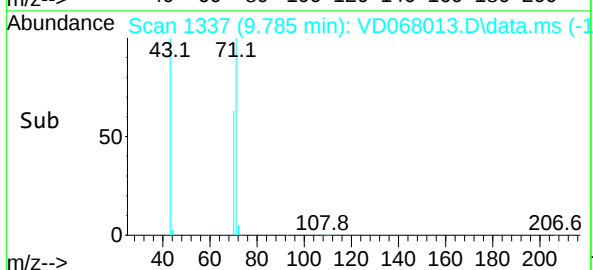
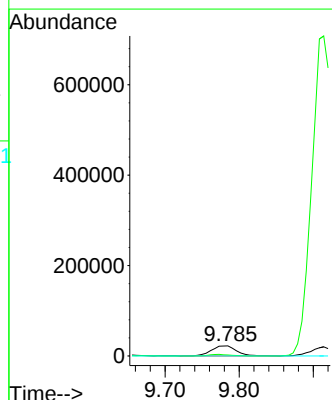
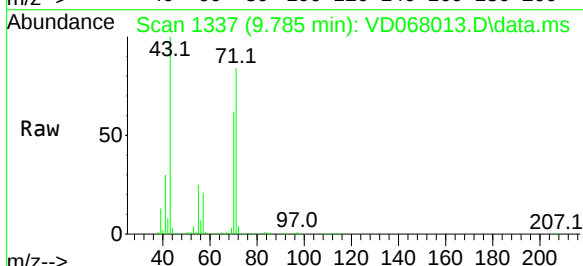
Tgt Ion: 63 Resp: 28681
Ion Ratio Lower Upper
63 100
65 156.2 22.7 34.1#

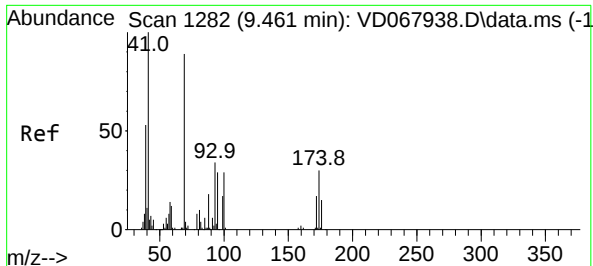


#47

Bromodichloromethane
Concen: 12.44 ug/l
RT: 9.785 min Scan# 1337
Delta R.T. 0.118 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 83 Resp: 52885
Ion Ratio Lower Upper
83 100
85 8.7 50.5 75.7#
127 0.0 7.2 10.8#

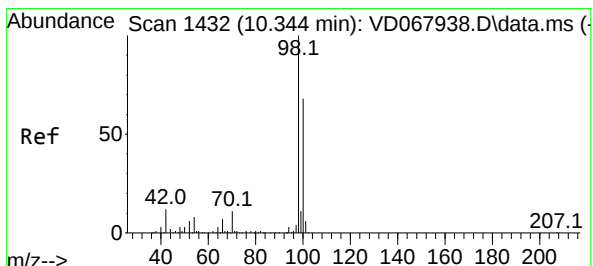
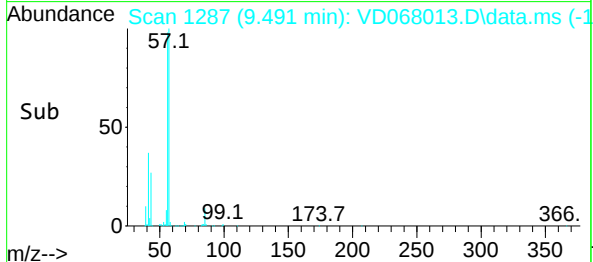
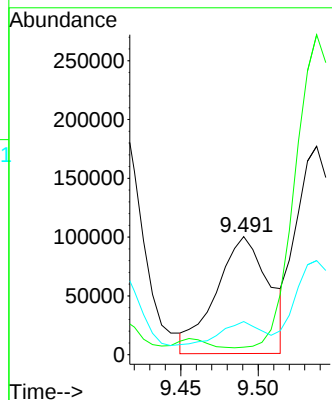
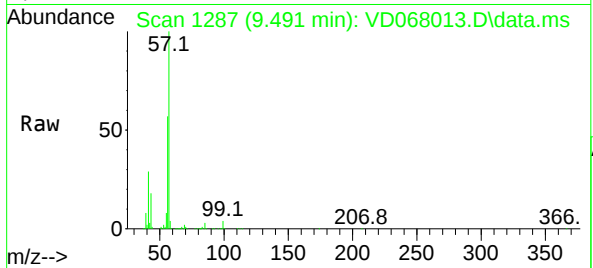




#48
Methyl methacrylate
Concen: 139.35 ug/l
RT: 9.491 min Scan# 1287
Delta R.T. 0.029 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

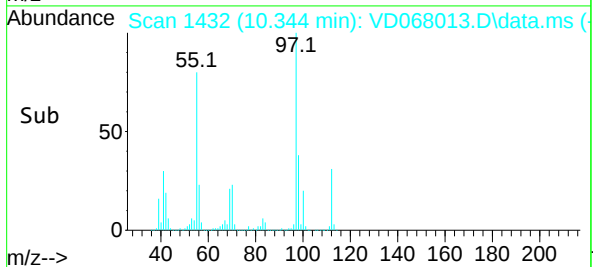
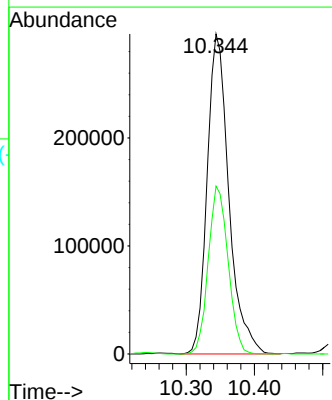
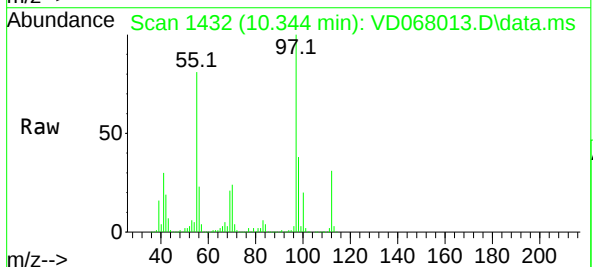
Instrument :
MSVOA_D
ClientSampleId :
40967

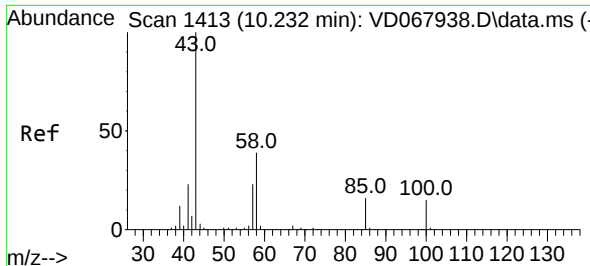
Tgt Ion: 41 Resp: 234802
Ion Ratio Lower Upper
41 100
69 0.0 63.9 95.9#
39 27.3 37.4 56.0#



#50
Toluene-d8
Concen: 67.03 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 98 Resp: 655658
Ion Ratio Lower Upper
98 100
100 48.0 52.5 78.7#

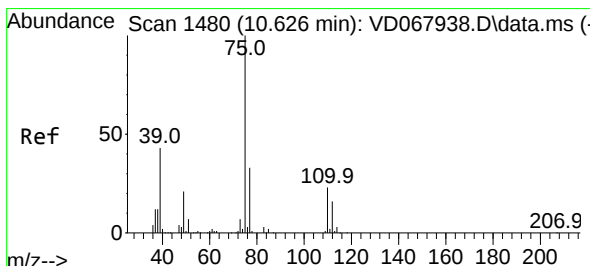
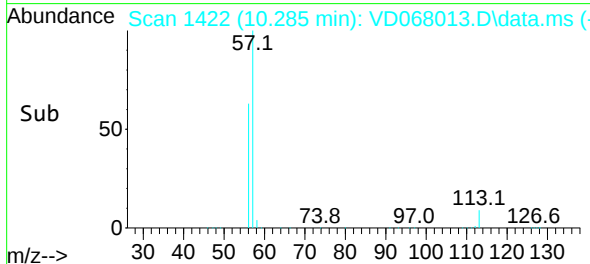
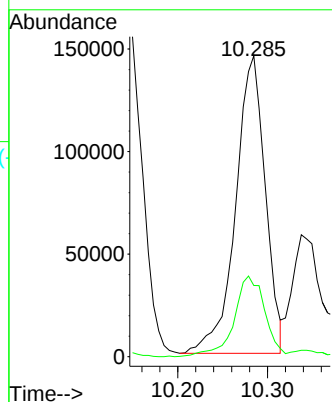
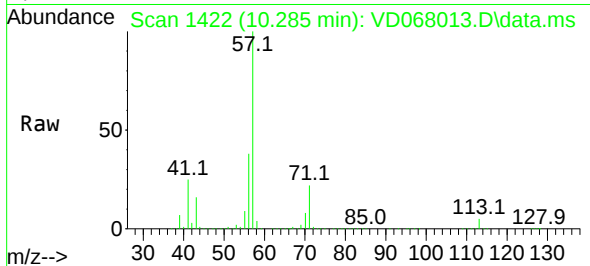




#51
4-Methyl-2-Pentanone
Concen: 197.37 ug/l
RT: 10.285 min Scan# 1422
Delta R.T. 0.053 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

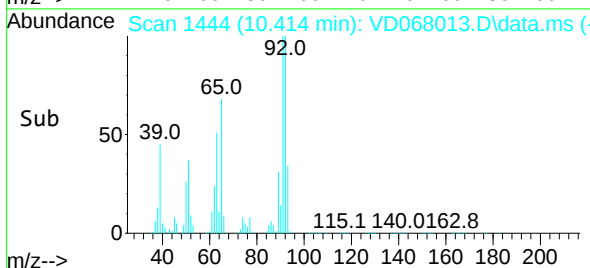
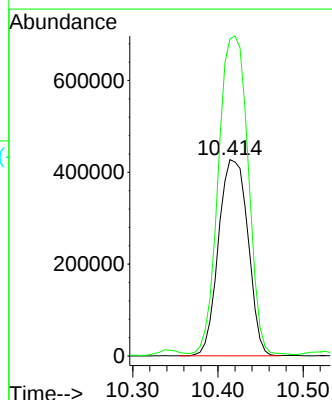
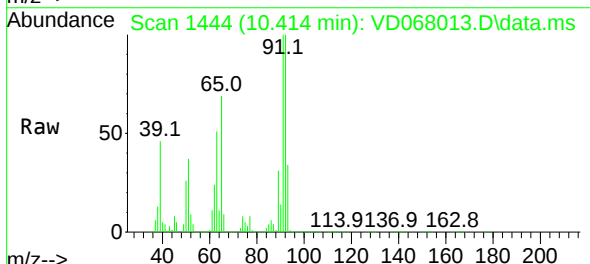
Instrument :
MSVOA_D
ClientSampleId :
40967

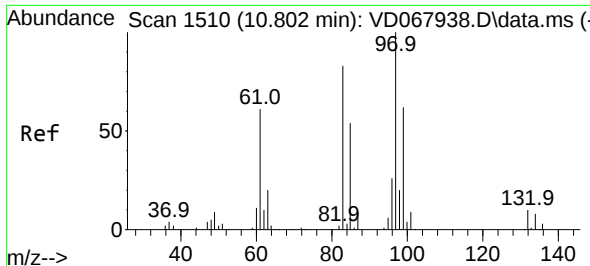
Tgt Ion: 43 Resp: 333221
Ion Ratio Lower Upper
43 100
58 28.4 30.0 45.0#



#53
t-1,3-Dichloropropene
Concen: 266.69 ug/l
RT: 10.414 min Scan# 1444
Delta R.T. -0.212 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 75 Resp: 1025479
Ion Ratio Lower Upper
75 100
77 160.3 26.8 40.2#



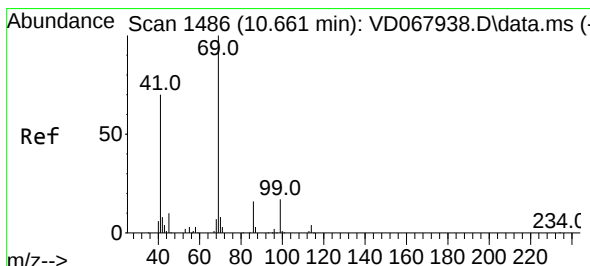
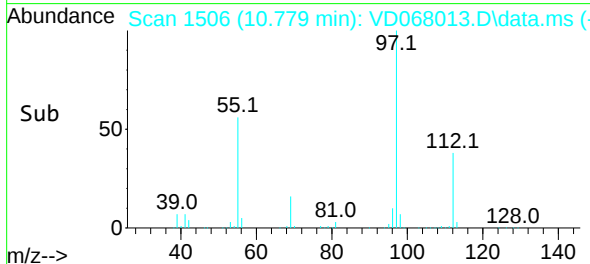
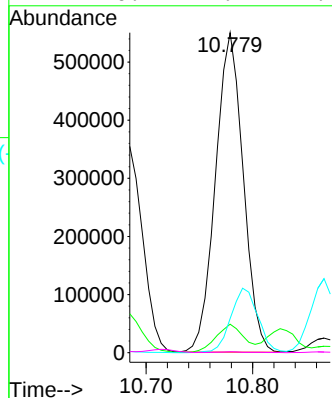
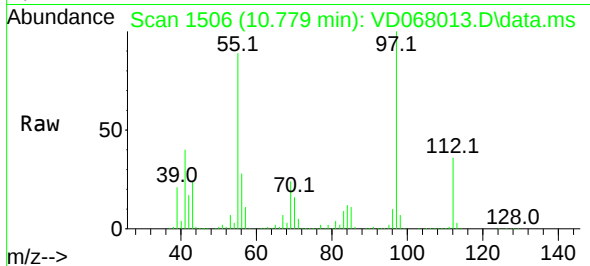


#55
1,1,2-Trichloroethane
Concen: 450.68 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.024 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Instrument :
MSVOA_D
ClientSampleId :
40967

Tgt Ion: 97 Resp: 992561

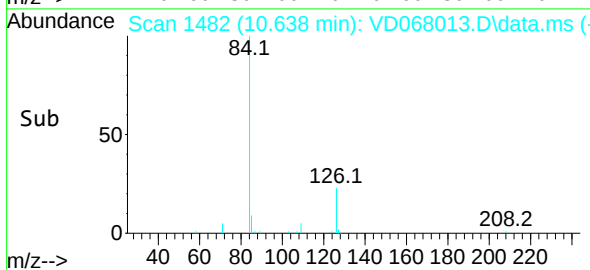
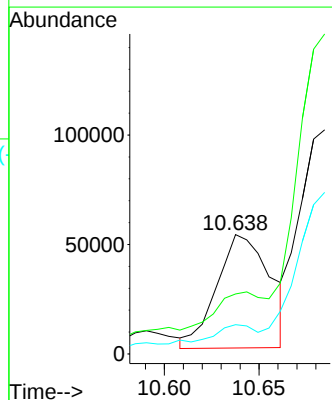
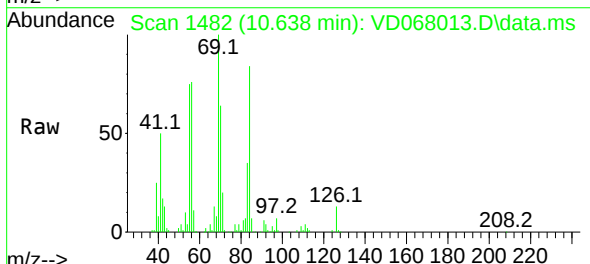
Ion	Ratio	Lower	Upper
97	100		
83	8.8	66.4	99.6#
85	10.7	43.4	65.0#
99	0.2	49.4	74.0#

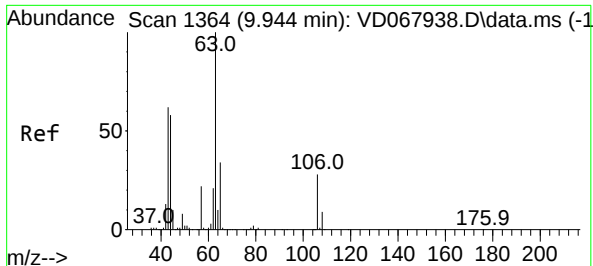


#56
Ethyl methacrylate
Concen: 40.83 ug/l
RT: 10.638 min Scan# 1482
Delta R.T. -0.024 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 69 Resp: 101021

Ion	Ratio	Lower	Upper
69	100		
41	59.1	56.4	84.6
39	0.0	24.6	36.8#

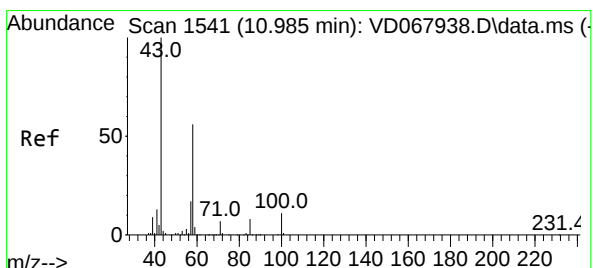
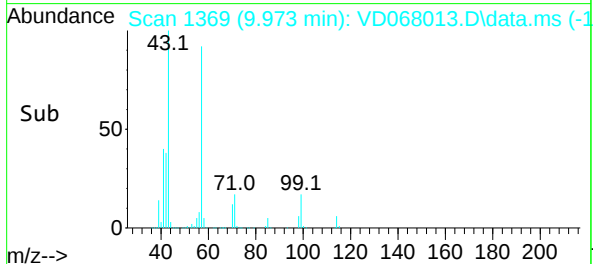
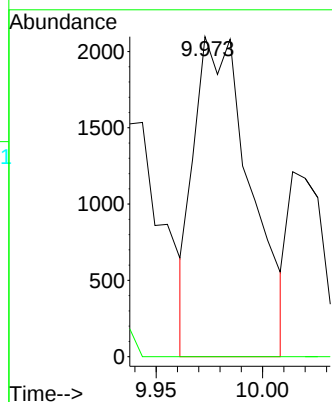
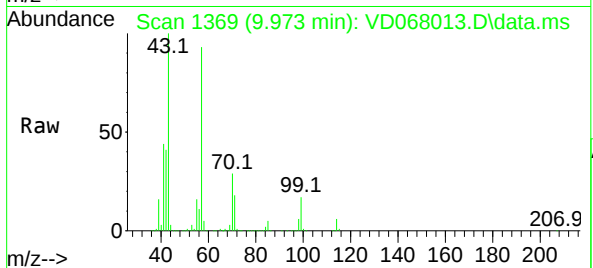




#58
2-Chloroethyl Vinyl ether
Concen: 3.09 ug/l
RT: 9.973 min Scan# 1369
Delta R.T. 0.029 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

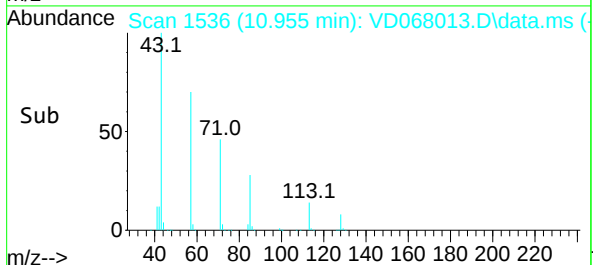
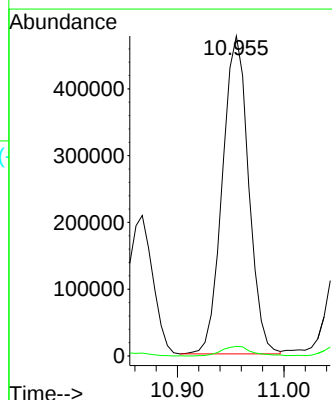
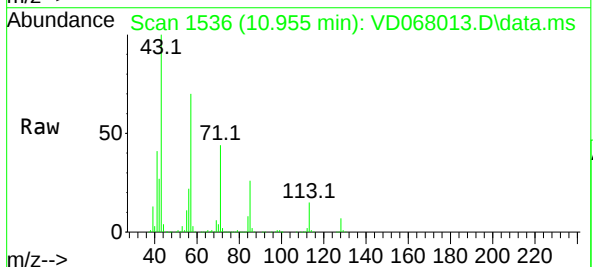
Instrument :
MSVOA_D
ClientSampleId :
40967

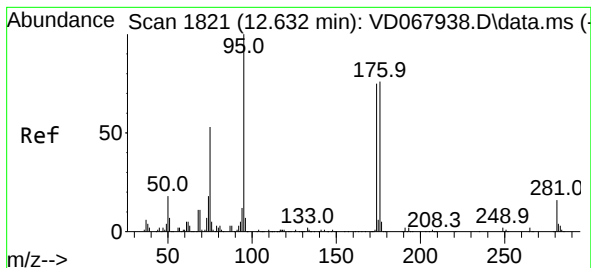
Tgt Ion: 63 Resp: 3850
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#



#59
2-Hexanone
Concen: 732.81 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.029 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 43 Resp: 813038
Ion Ratio Lower Upper
43 100
58 3.5 27.5 82.4#

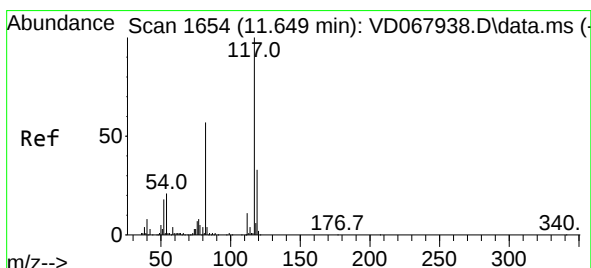
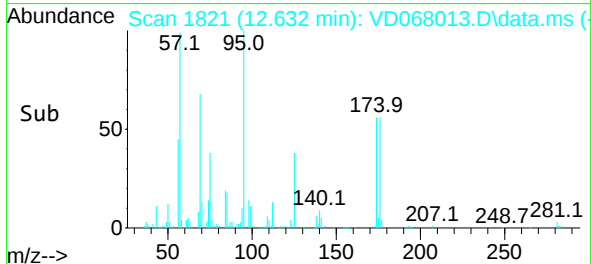
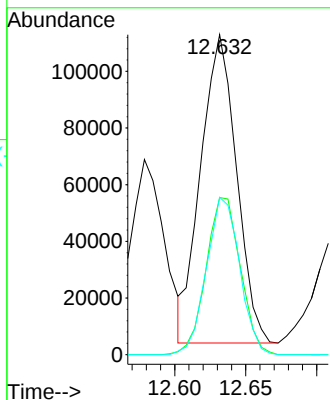
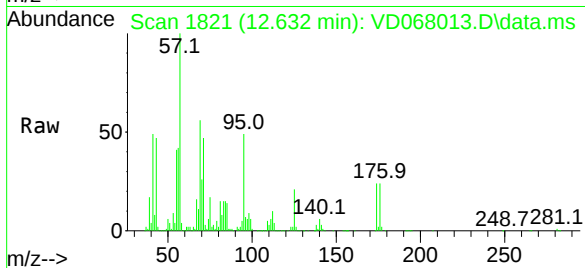




#62
4-Bromofluorobenzene
Concen: 56.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

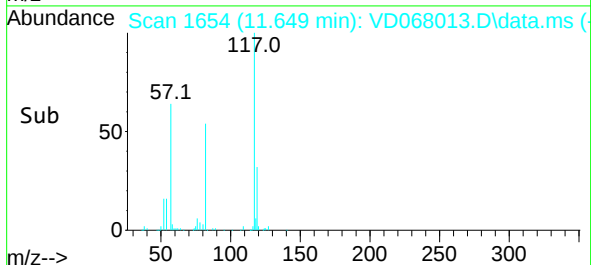
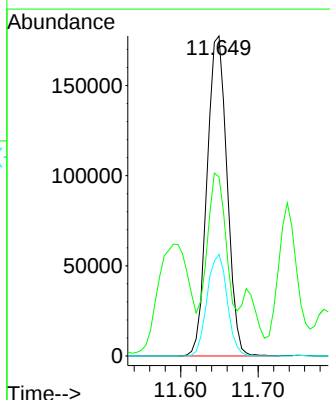
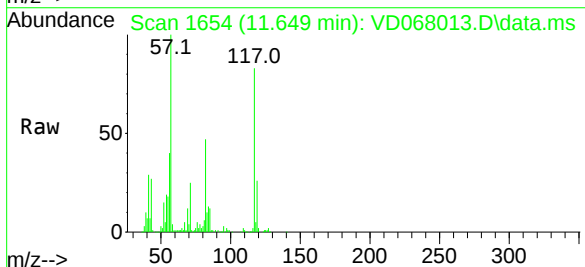
Instrument :
MSVOA_D
ClientSampleId :
40967

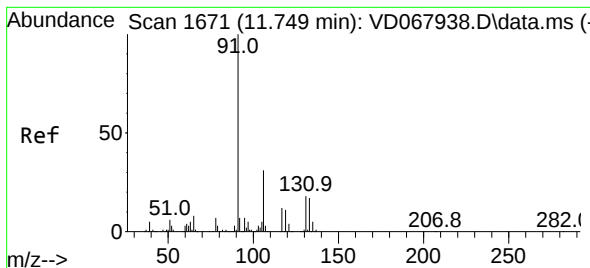
Tgt Ion: 95 Resp: 190344
Ion Ratio Lower Upper
95 100
174 49.0 0.0 150.6
176 47.4 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 117 Resp: 318180
Ion Ratio Lower Upper
117 100
82 29.1 45.4 68.0#
119 31.7 26.7 40.1

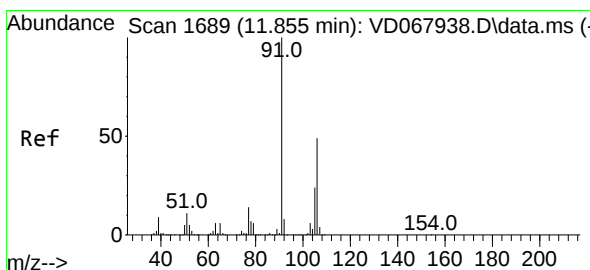
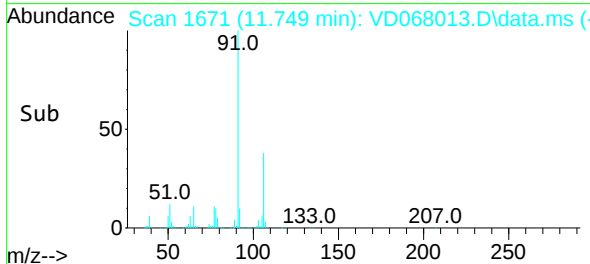
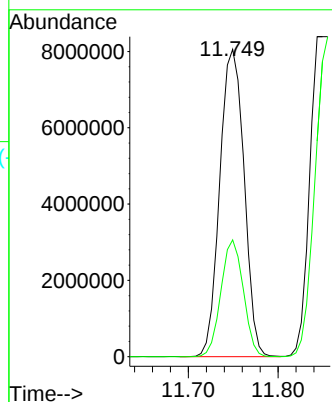
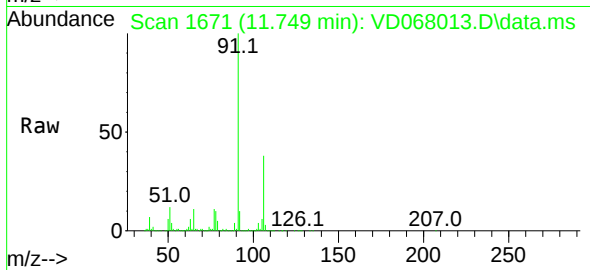




#67
Ethyl Benzene
Concen: 1238.41 ug/l
RT: 11.749 min Scan# 1671
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

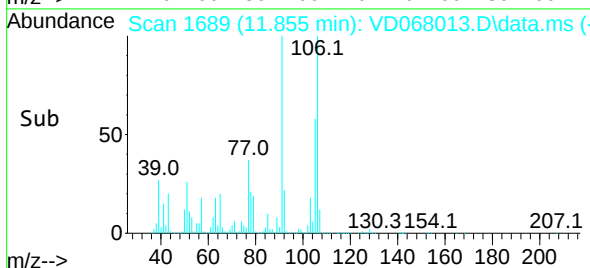
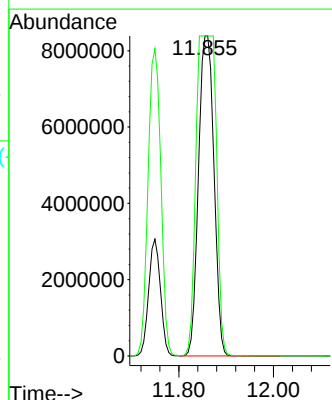
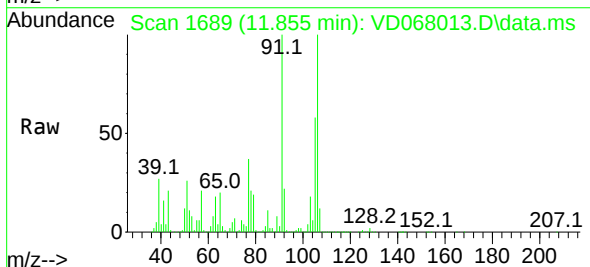
Instrument :
MSVOA_D
ClientSampleId :
40967

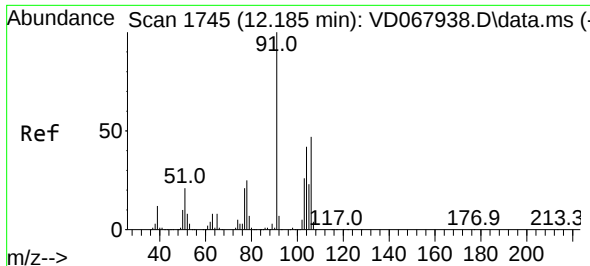
Tgt Ion: 91 Resp:15159584
Ion Ratio Lower Upper
91 100
106 38.0 24.6 37.0#



#68
m/p-Xylenes
Concen: 4059.33 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion:106 Resp:18936684
Ion Ratio Lower Upper
106 100
91 0.0 159.9 239.9#

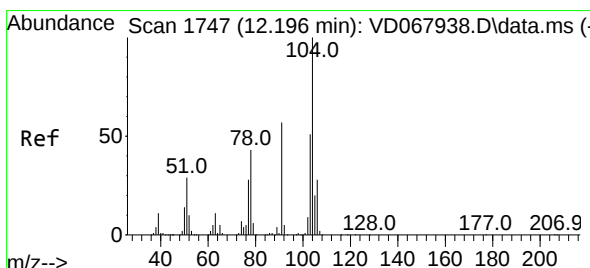
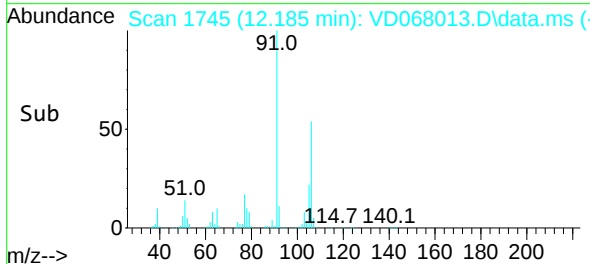
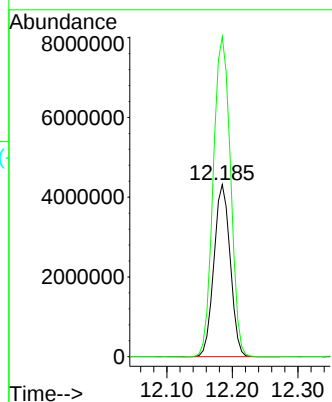
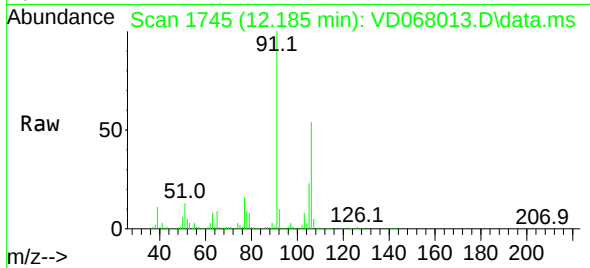




#69
o-Xylene
Concen: 1777.16 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

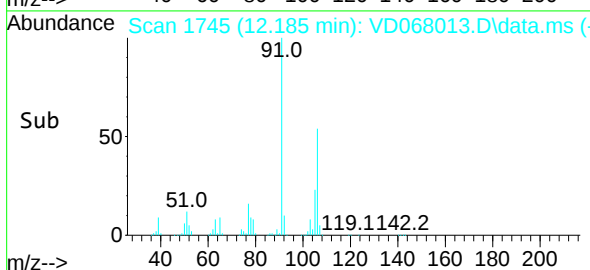
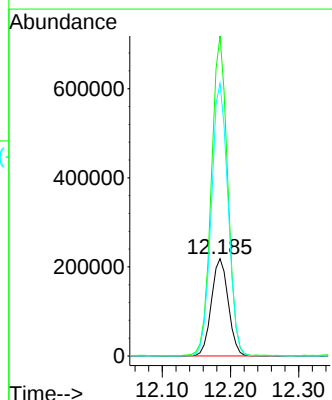
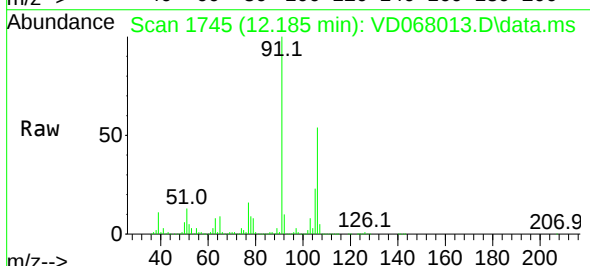
Instrument :
MSVOA_D
ClientSampleId :
40967

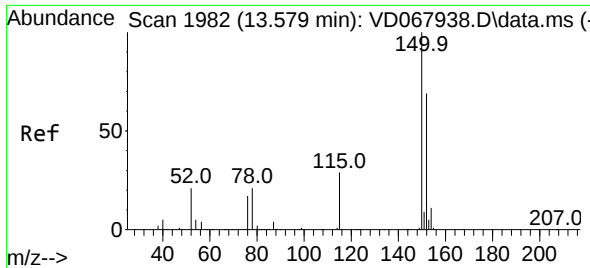
Tgt Ion:106 Resp: 7418315
Ion Ratio Lower Upper
106 100
91 197.1 106.0 317.9



#70
Styrene
Concen: 52.07 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.012 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion:104 Resp: 375574
Ion Ratio Lower Upper
104 100
78 318.5 38.6 58.0#
103 278.9 44.2 66.4#

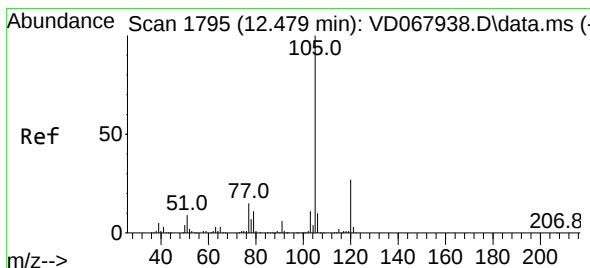
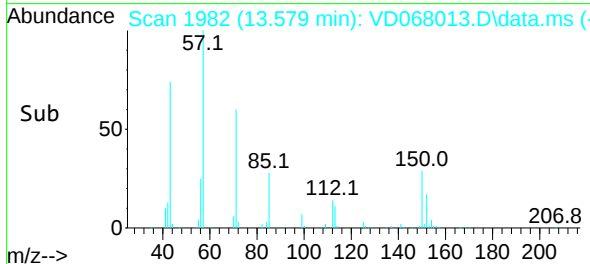
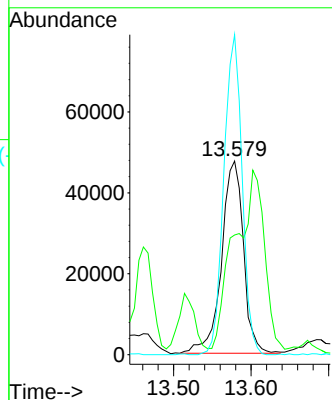
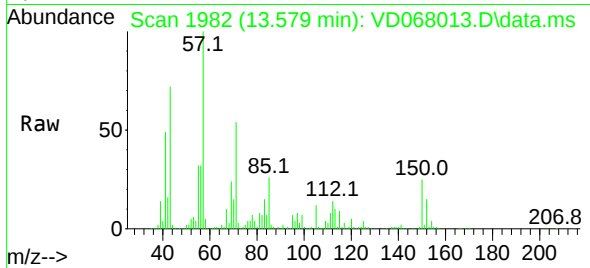




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

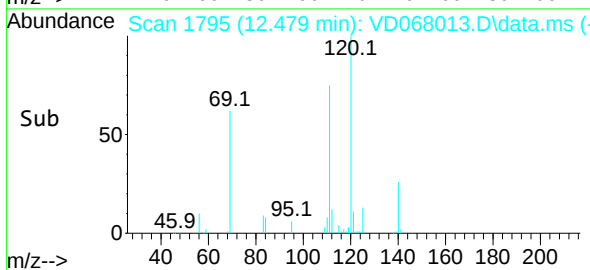
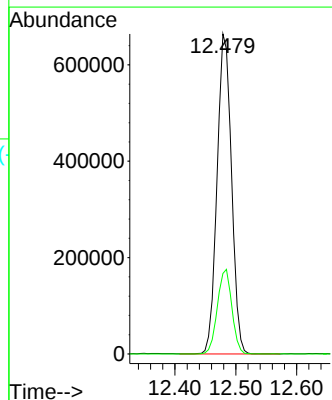
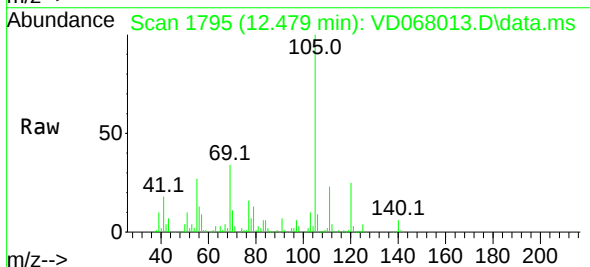
Instrument :
MSVOA_D
ClientSampleId :
40967

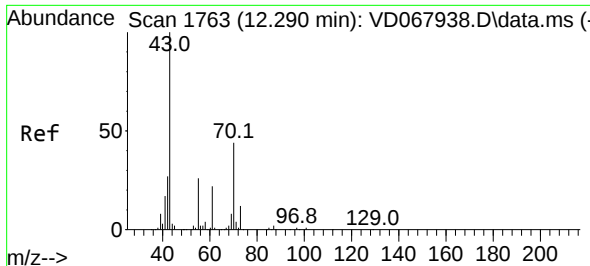
Tgt Ion:152 Resp: 93380
Ion Ratio Lower Upper
152 100
115 0.0 29.3 88.0#
150 138.8 0.0 340.0



#73
Isopropylbenzene
Concen: 157.49 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

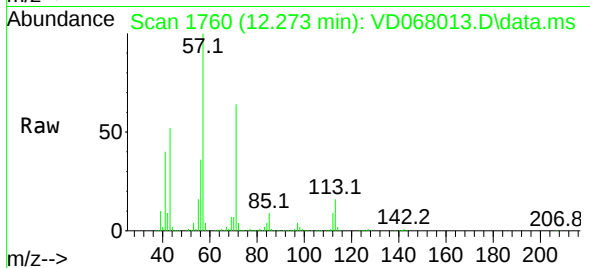
Tgt Ion:105 Resp: 1091659
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1



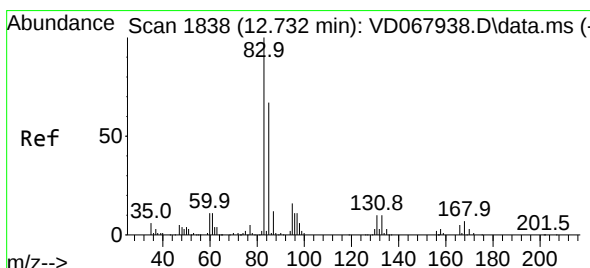
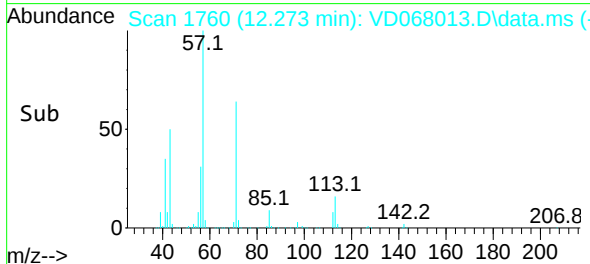
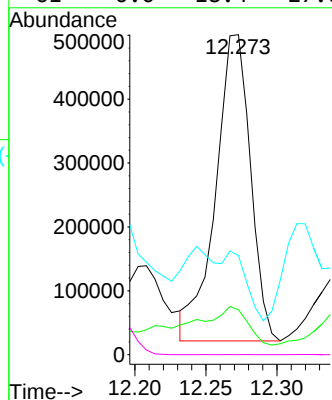


#74
N-amy1 acetate
Concen: 520.05 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.018 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Instrument :
MSVOA_D
ClientSampled :
40967

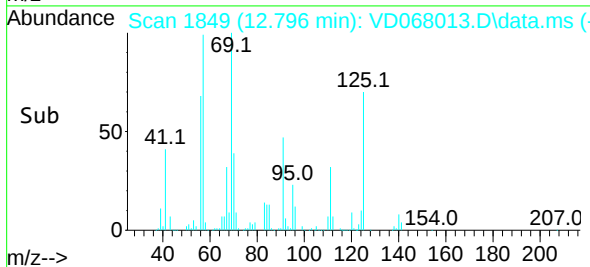
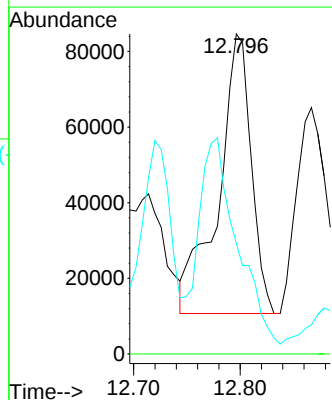
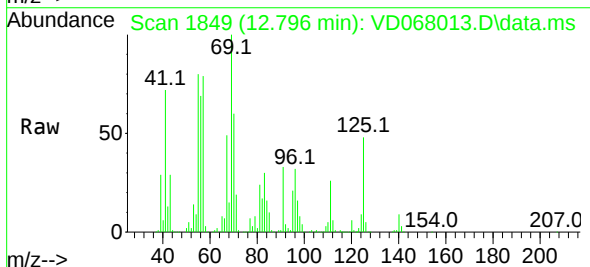


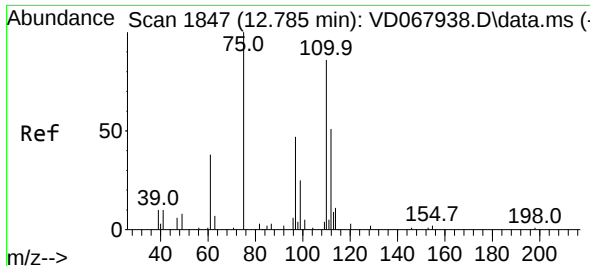
Tgt Ion: 43 Resp: 818236
Ion Ratio Lower Upper
43 100
70 22.1 34.3 51.5#
55 0.0 21.2 31.8#
61 0.0 18.4 27.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 122.68 ug/l
RT: 12.796 min Scan# 1849
Delta R.T. 0.065 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 83 Resp: 157756
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 83.7 32.1 96.3

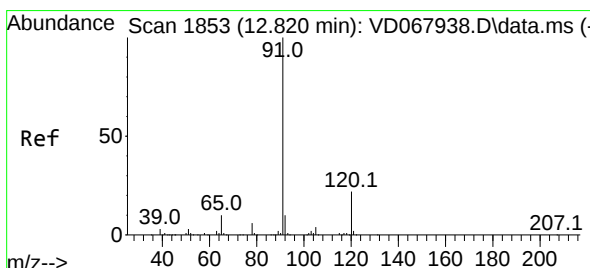
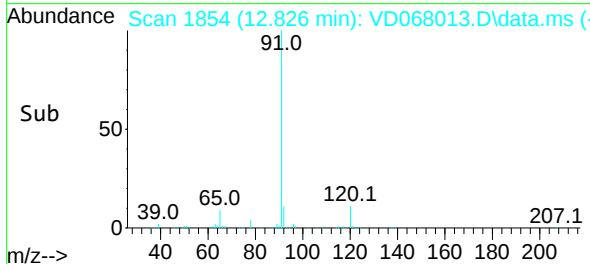
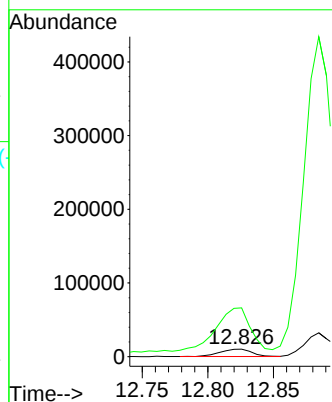
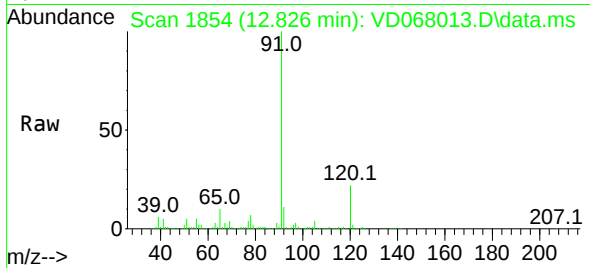




#76
1,2,3-Trichloropropane
Concen: 20.95 ug/l
RT: 12.826 min Scan# 1854
Delta R.T. 0.041 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

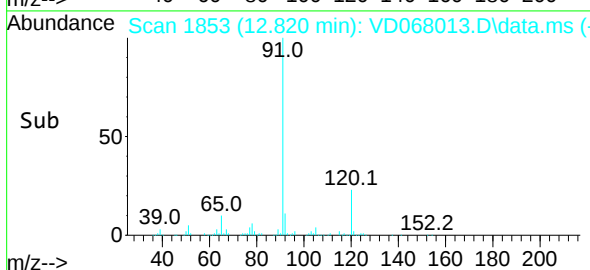
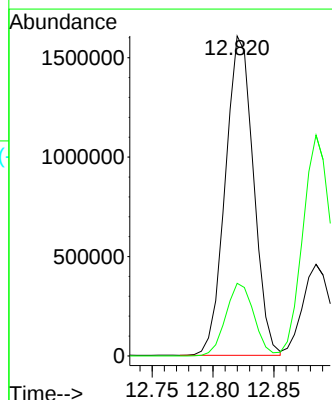
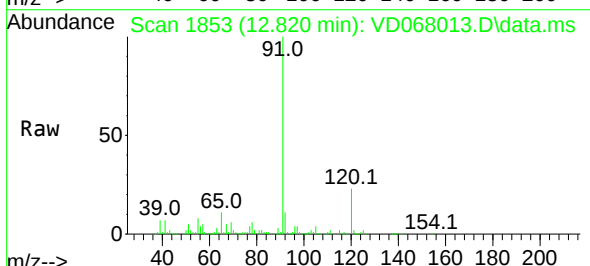
Instrument :
MSVOA_D
ClientSampleId :
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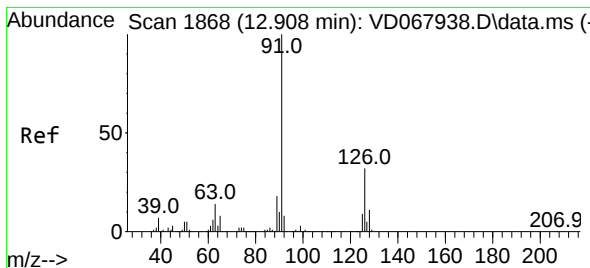
Tgt Ion: 75 Resp: 16473
Ion Ratio Lower Upper
75 100
77 730.2 0.0 0.0#



#78
n-propylbenzene
Concen: 299.76 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 91 Resp: 2582796
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5

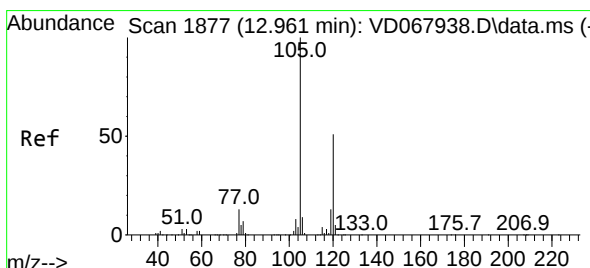
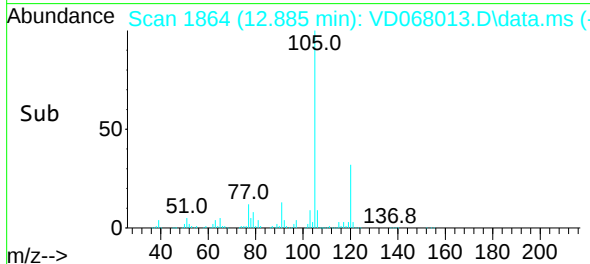
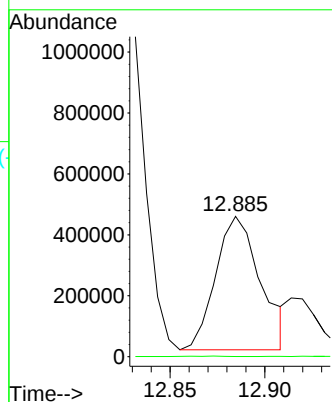
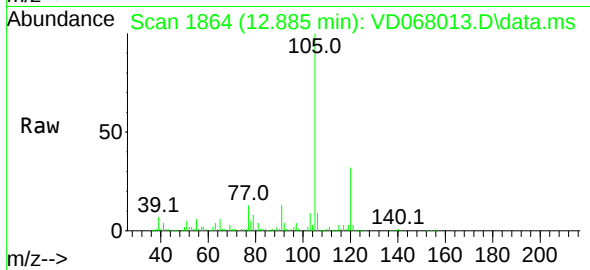




#79
2-Chlorotoluene
Concen: 148.08 ug/l
RT: 12.885 min Scan# 1864
Delta R.T. -0.024 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

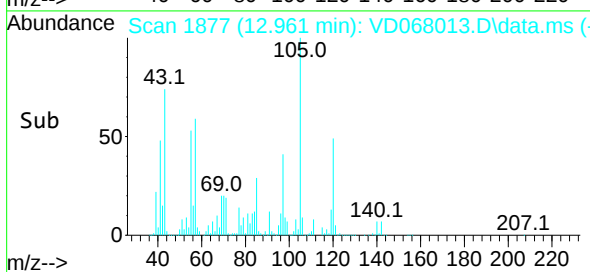
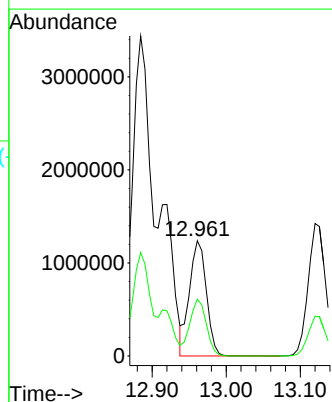
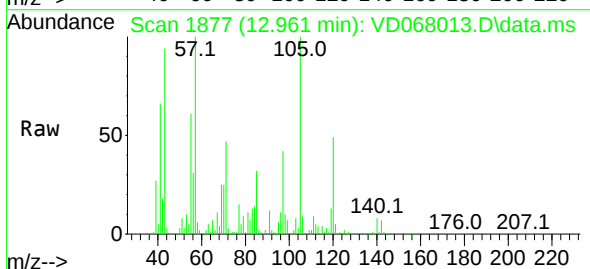
Instrument :
MSVOA_D
ClientSampleId :
40967

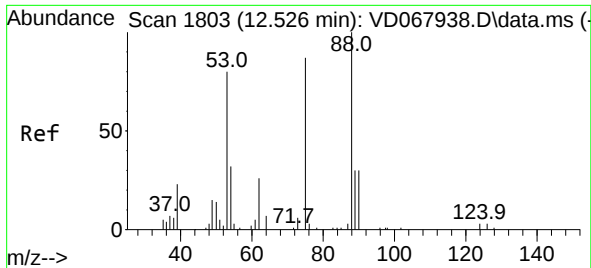
Tgt Ion: 91 Resp: 720854
Ion Ratio Lower Upper
91 100
126 0.2 16.8 50.3#



#80
1,3,5-Trimethylbenzene
Concen: 340.29 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion:105 Resp: 1958850
Ion Ratio Lower Upper
105 100
120 48.5 24.9 74.6

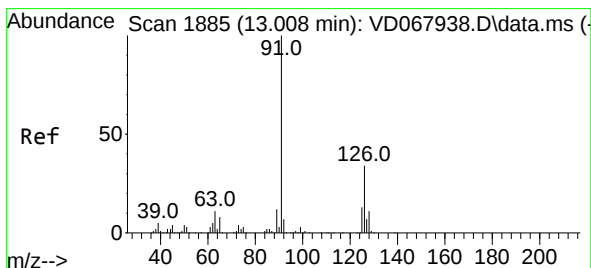
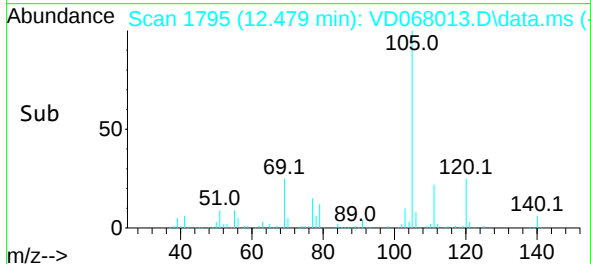
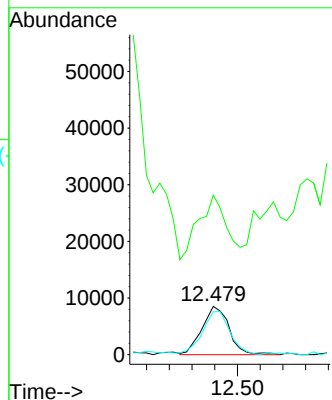
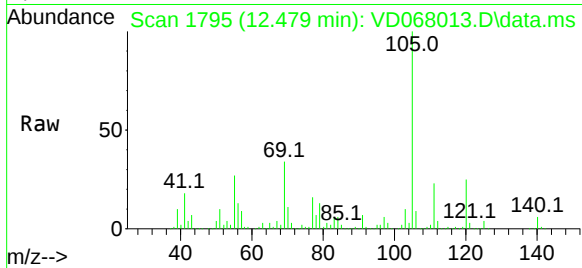




#81
trans-1,4-Dichloro-2-butene
Concen: 36.96 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.047 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

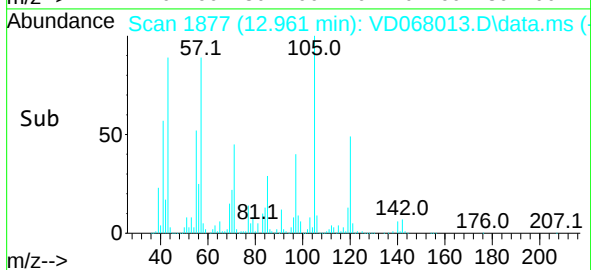
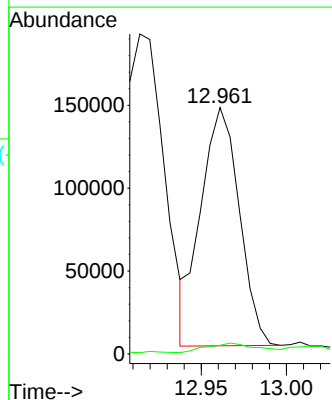
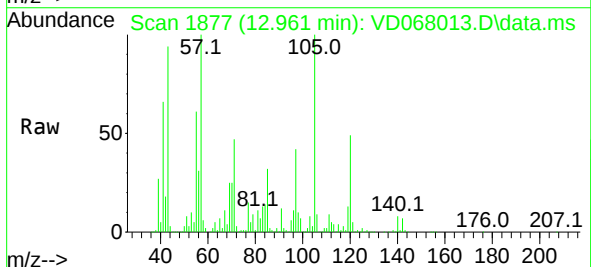
Instrument :
MSVOA_D
ClientSampleId :
40967

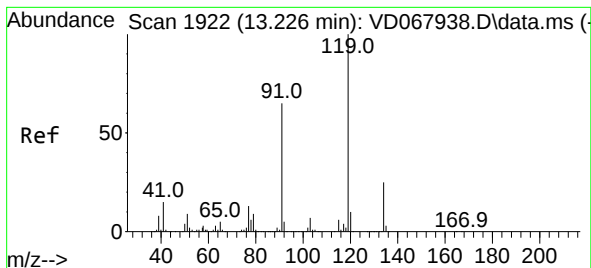
Tgt Ion: 75 Resp: 14176
Ion Ratio Lower Upper
75 100
53 99.0 74.9 112.3
89 91.5 33.8 50.8#



#82
4-Chlorotoluene
Concen: 44.10 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.047 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 91 Resp: 225610
Ion Ratio Lower Upper
91 100
126 5.6 17.0 51.0#

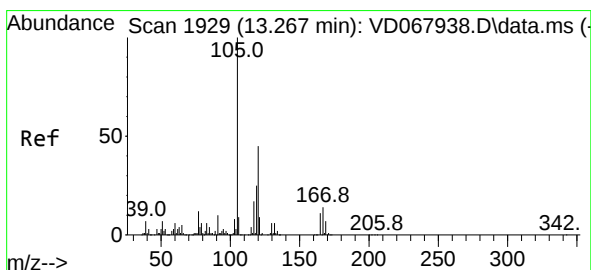
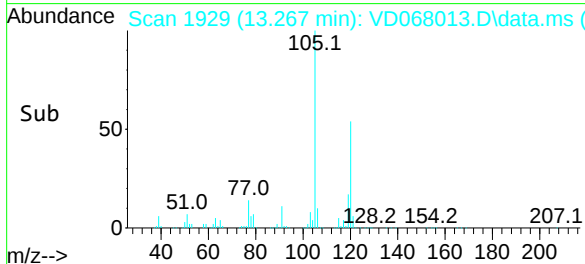
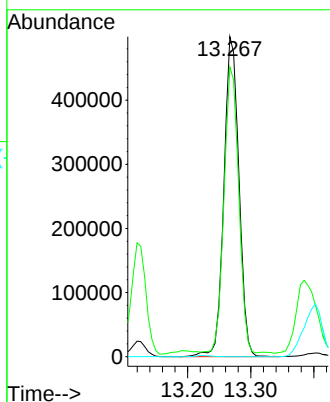
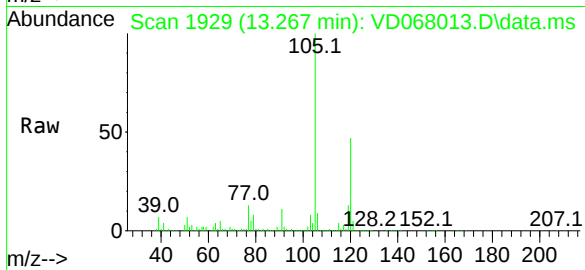




#83
tert-Butylbenzene
Concen: 174.28 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.041 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

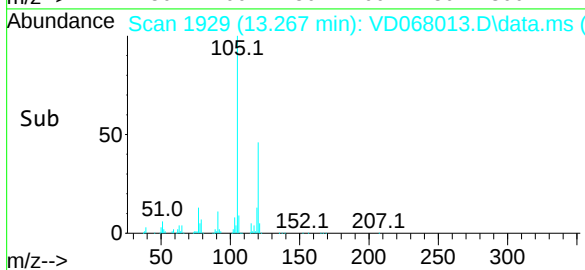
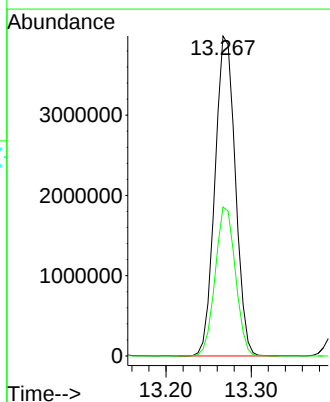
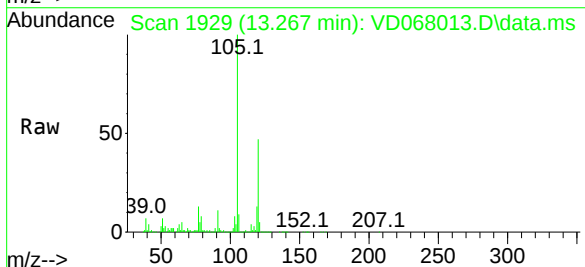
Instrument :
MSVOA_D
ClientSampleId :
40967

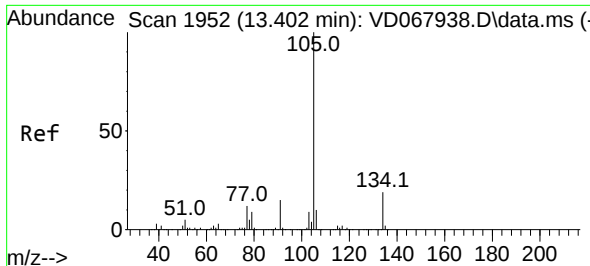
Tgt Ion:119 Resp: 825156
Ion Ratio Lower Upper
119 100
91 86.4 32.7 98.1
134 0.0 13.3 39.8#



#84
1,2,4-Trimethylbenzene
Concen: 1147.17 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion:105 Resp: 6622915
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.0

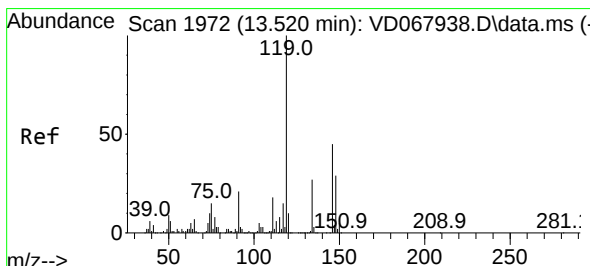
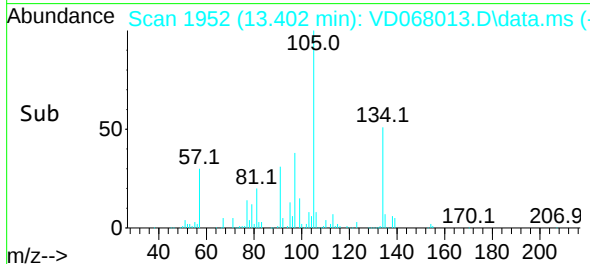
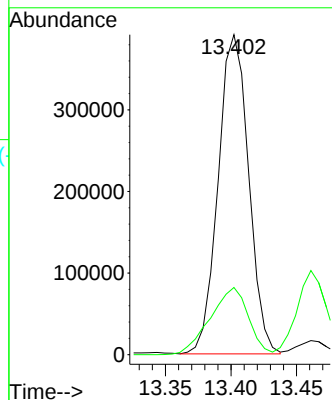
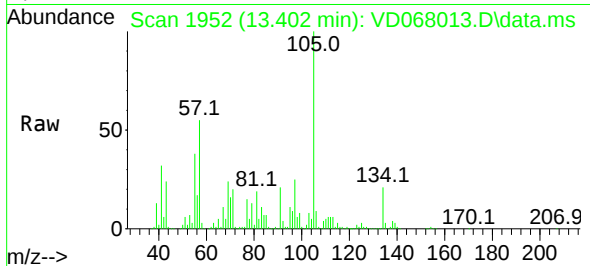




#85
 sec-Butylbenzene
 Concen: 91.37 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD068013.D
 Acq: 06 Jan 2021 15:01

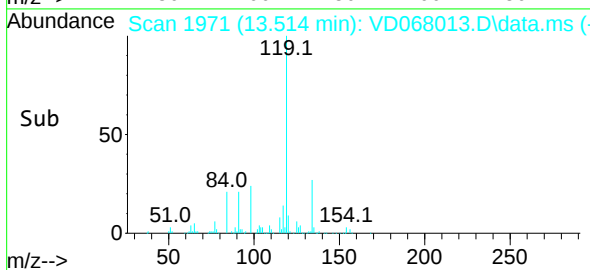
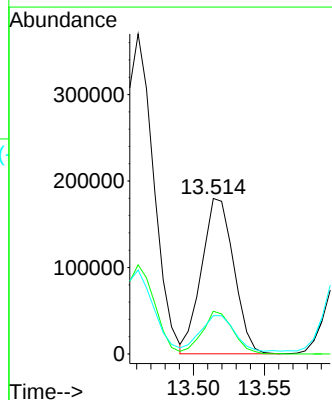
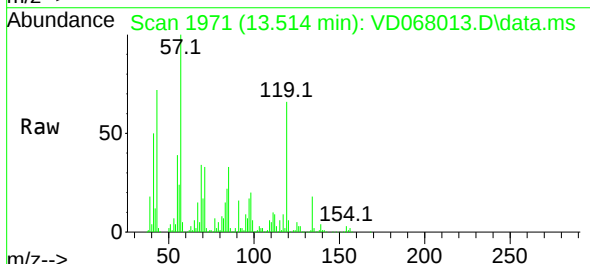
Instrument :
 MSVOA_D
 ClientSampleId :
 40967

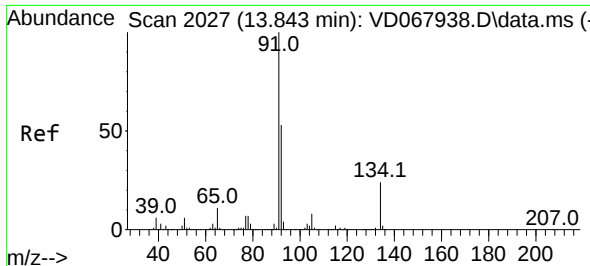
Tgt Ion:105 Resp: 632970
 Ion Ratio Lower Upper
 105 100
 134 26.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 46.42 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD068013.D
 Acq: 06 Jan 2021 15:01

Tgt Ion:119 Resp: 282971
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.9
 91 23.7 11.4 34.2

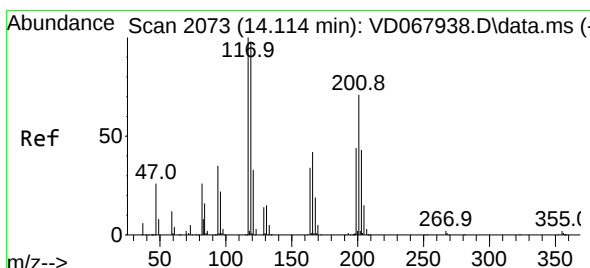
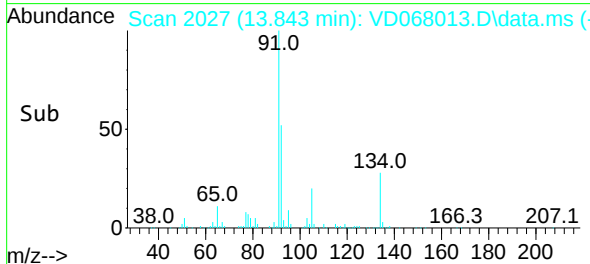
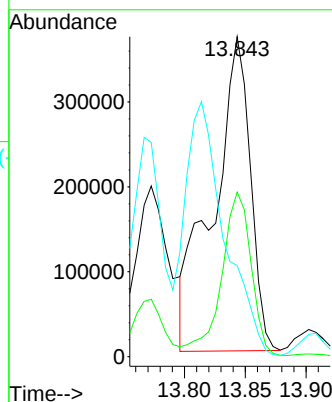
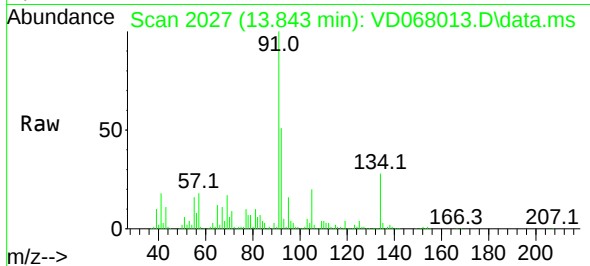




#89
n-Butylbenzene
Concen: 130.15 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

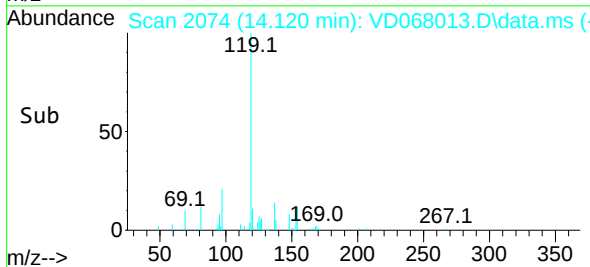
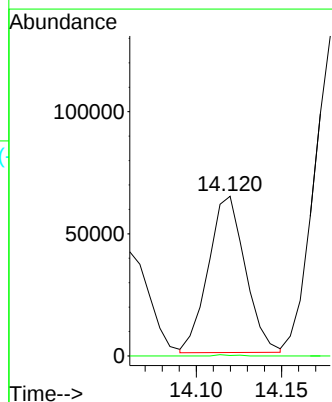
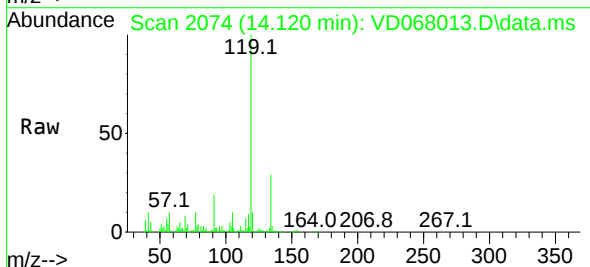
Instrument :
MSVOA_D
ClientSampleId :
40967

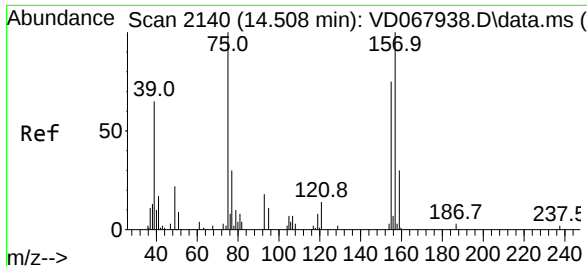
Tgt Ion: 91 Resp: 787030
Ion Ratio Lower Upper
91 100
92 41.5 26.8 80.3
134 0.0 12.3 36.9#



#90
Hexachloroethane
Concen: 77.72 ug/l
RT: 14.120 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion: 117 Resp: 96809
Ion Ratio Lower Upper
117 100
201 0.4 34.3 102.8#

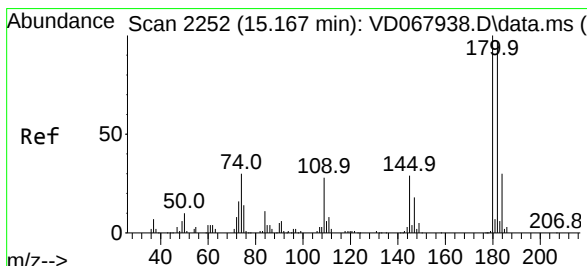
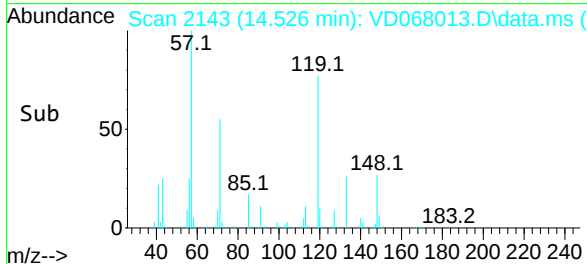
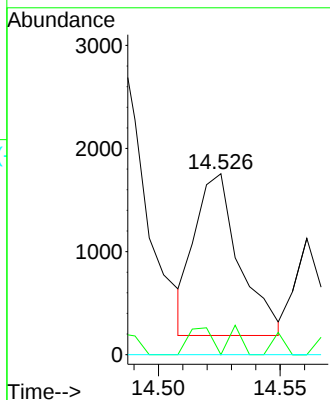
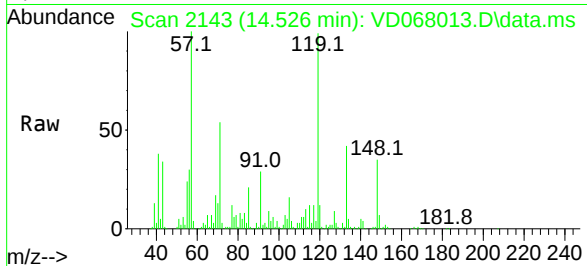




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.89 ug/l
 RT: 14.526 min Scan# 2143
 Delta R.T. 0.018 min
 Lab File: VD068013.D
 Acq: 06 Jan 2021 15:01

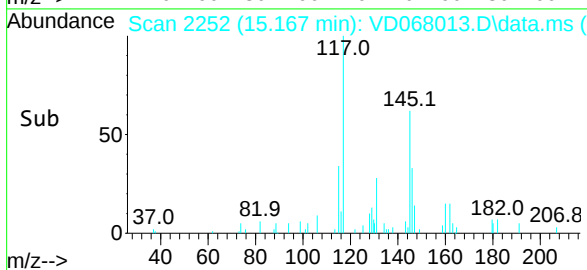
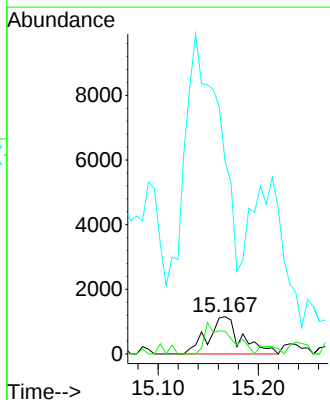
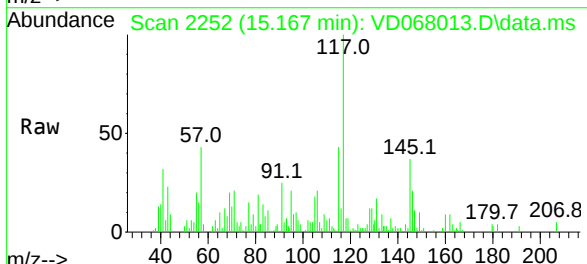
Instrument :
 MSVOA_D
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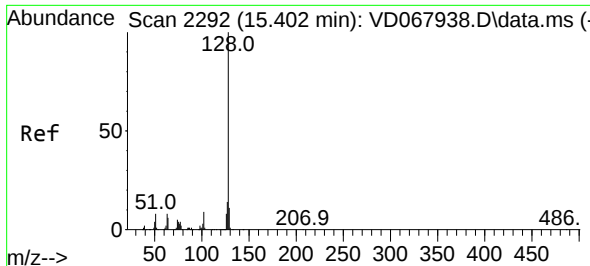
Tgt Ion: 75 Resp: 1990
 Ion Ratio Lower Upper
 75 100
 155 14.1 39.8 119.3#
 157 0.0 50.6 151.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.67 ug/l
 RT: 15.167 min Scan# 2252
 Delta R.T. 0.000 min
 Lab File: VD068013.D
 Acq: 06 Jan 2021 15:01

Tgt Ion: 180 Resp: 2636
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.0 144.2#
 145 0.0 15.8 47.3#

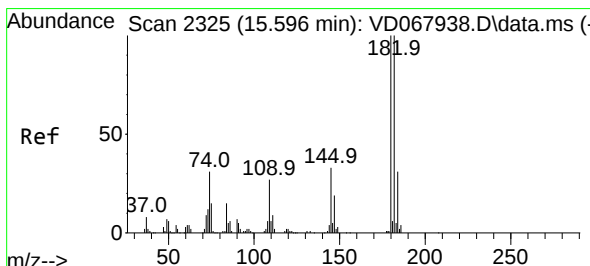
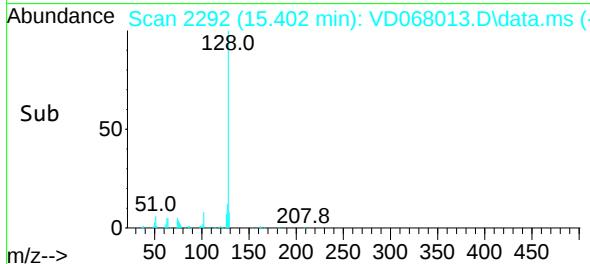
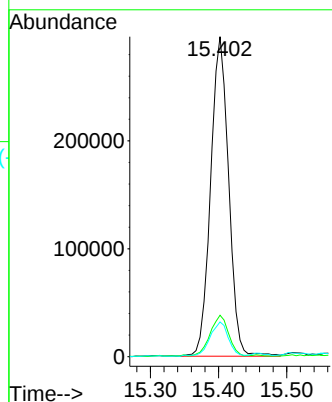
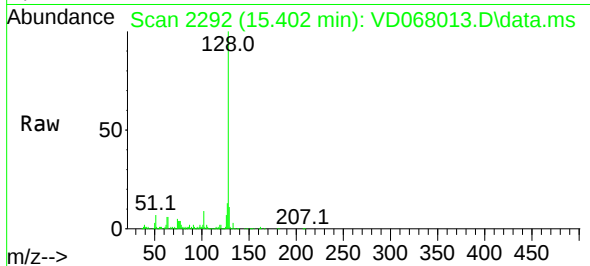




#95
Naphthalene
Concen: 195.97 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Instrument :
MSVOA_D
ClientSampleId :
40967

Tgt Ion:128 Resp: 545720
Ion Ratio Lower Upper
128 100
127 12.8 11.2 16.8
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.16 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VD068013.D
Acq: 06 Jan 2021 15:01

Tgt Ion:180 Resp: 1579
Ion Ratio Lower Upper
180 100
182 88.2 50.2 150.6
145 632.9 17.0 51.0#

