

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042321\
 Data File : VD068963.D
 Acq On : 23 Apr 2021 13:11
 Operator : VA/SY
 Sample : M2107-16
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 07:54:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

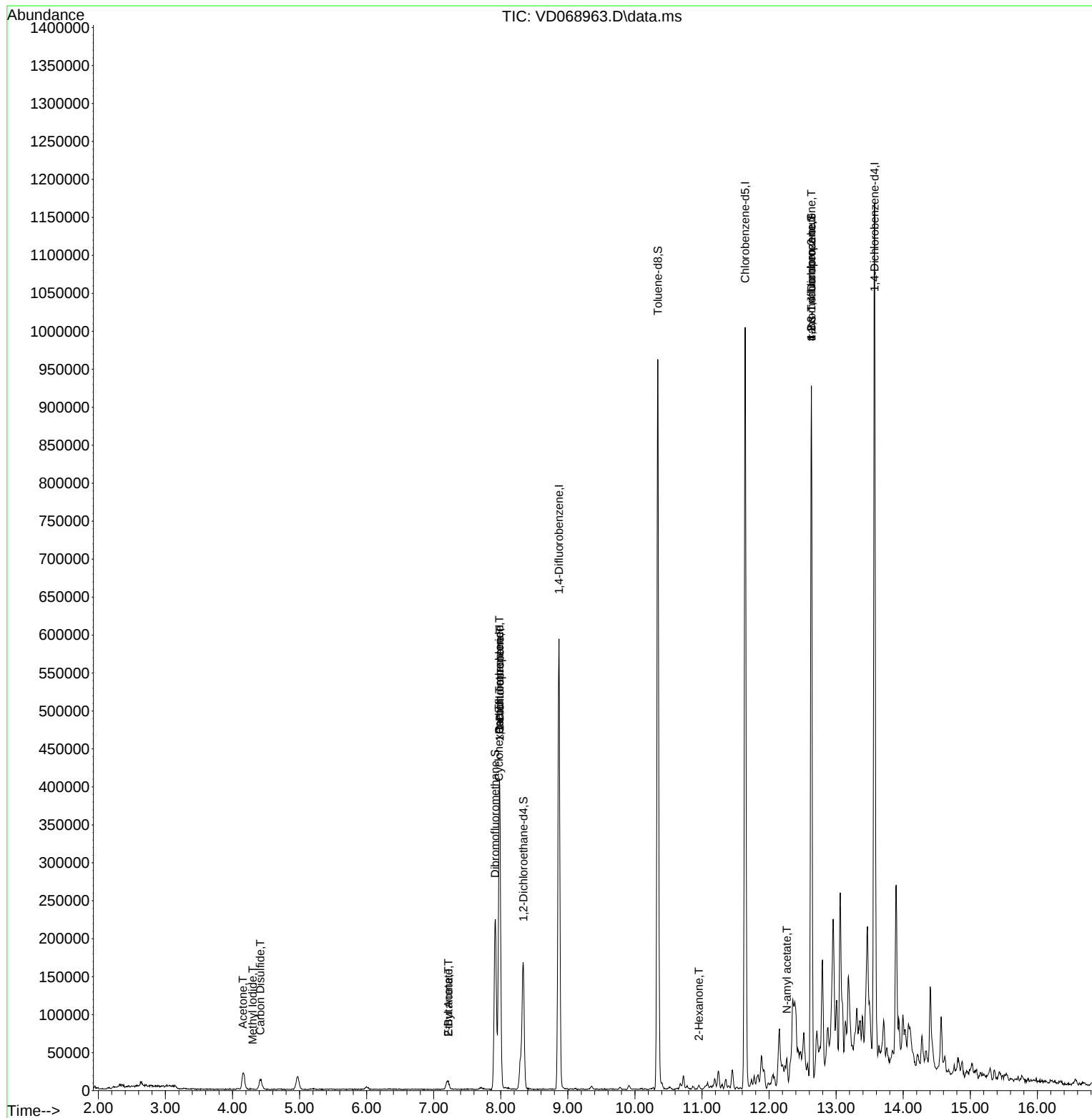
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	313931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	530148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	606767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	310541	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	129669	39.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.16%
35) Dibromofluoromethane	7.914	113	158962	46.10	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.20%
50) Toluene-d8	10.344	98	677206	52.06	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.12%
62) 4-Bromofluorobenzene	12.632	95	287043	66.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	132.88%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	491	2.37	ug/l #	41
11) Tert butyl alcohol	5.214	59	298	Below	Cal #	73
16) Acetone	4.156	43	38571	83.95	ug/l	91
17) Carbon Disulfide	4.415	76	25019	2.46	ug/l #	94
20) Methylene Chloride	4.979	84	14654	Below	Cal #	88
25) 2-Butanone	7.220	43	9649	14.84	ug/l #	85
31) Cyclohexane	7.973	56	7852	1.42	ug/l #	22
36) 1,1-Dichloropropene	7.985	75	23317	4.35	ug/l #	49
37) Ethyl Acetate	7.220	43	9649	6.12	ug/l #	69
38) Carbon Tetrachloride	7.979	117	31538	5.94	ug/l #	16
59) 2-Hexanone	10.955	43	1889	1.74	ug/l #	19
74) N-amyl acetate	12.267	43	6081	1.58	ug/l #	53
76) 1,2,3-Trichloropropane	12.632	75	141629	49.92	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	141629	115.86	ug/l #	16

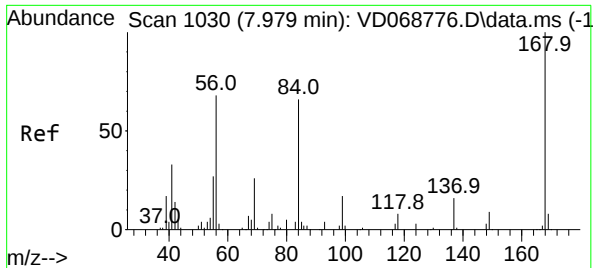
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068963.D
Acq On : 23 Apr 2021 13:11
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Quant Time: Apr 26 07:54:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

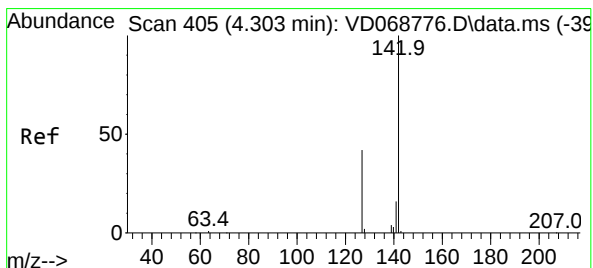
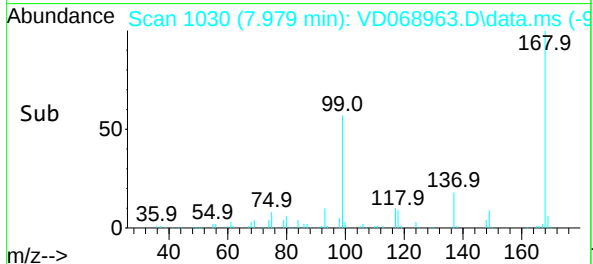
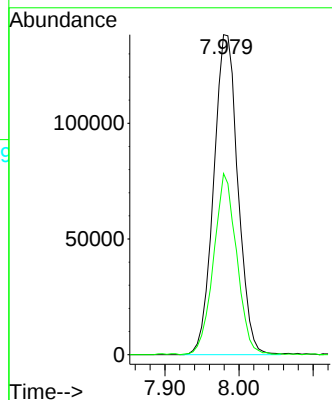
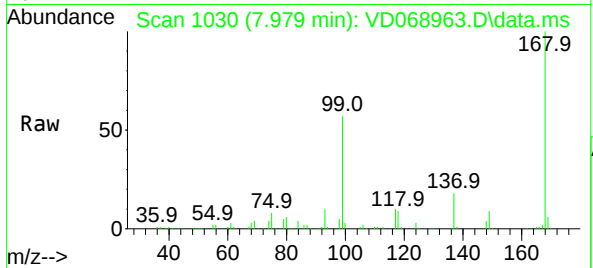




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

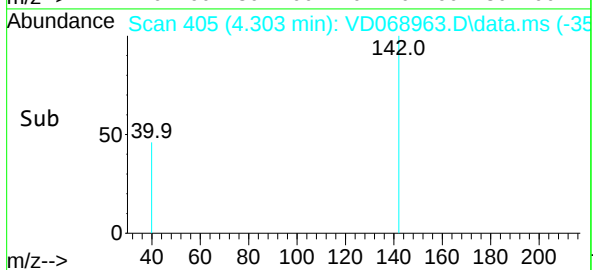
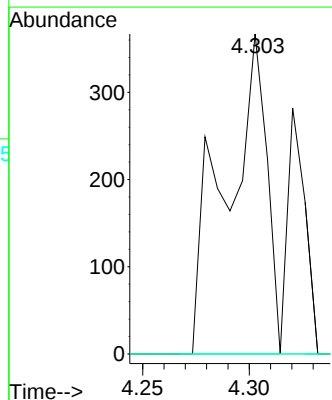
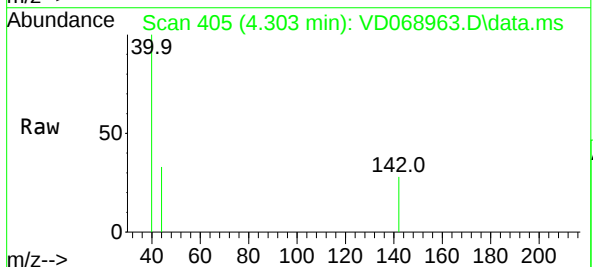
Instrument :
MSVOA_D
ClientSampleId :

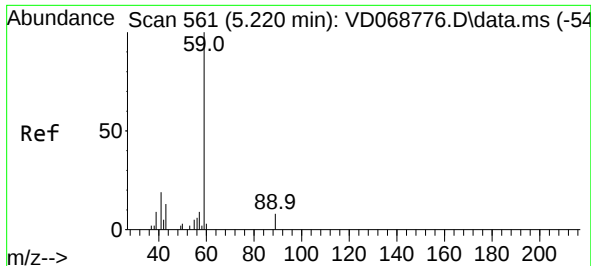
Tgt Ion:168 Resp: 313931
Ion Ratio Lower Upper
168 100
99 56.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.37 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

Tgt Ion:142 Resp: 491
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

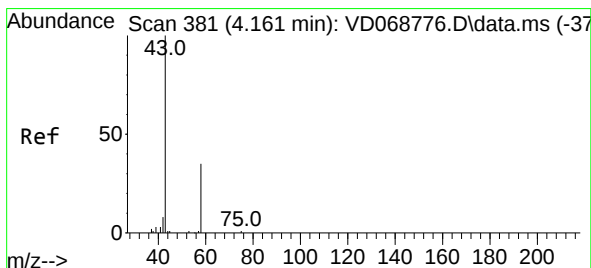
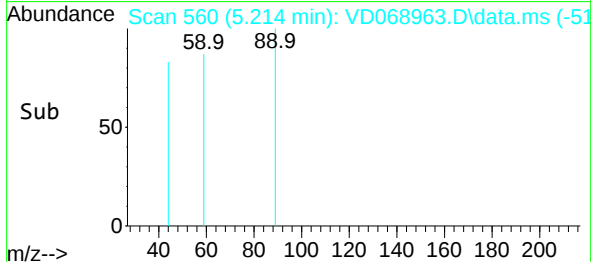
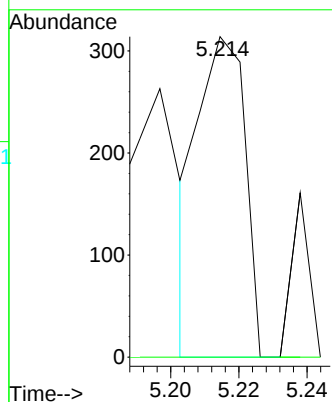
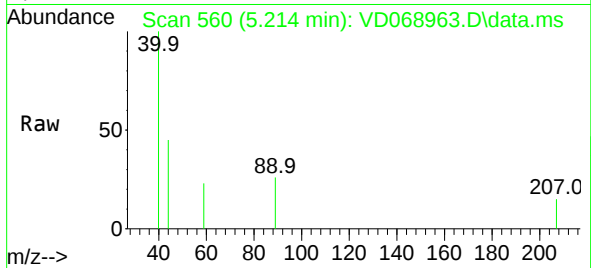




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

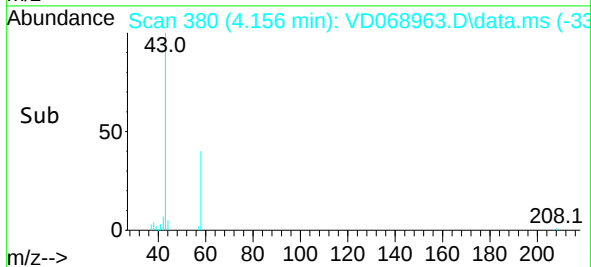
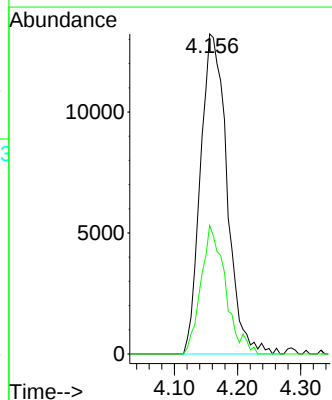
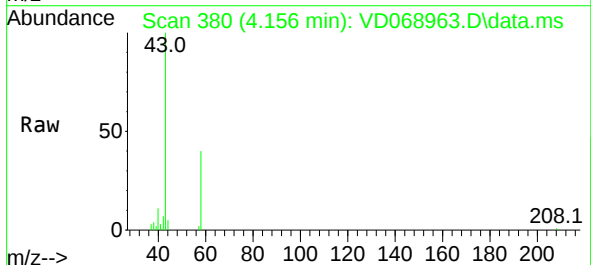
Instrument :
MSVOA_D
ClientSampled :

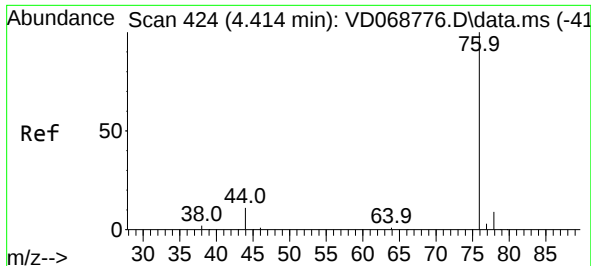
Tgt Ion: 59 Resp: 298
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 83.95 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

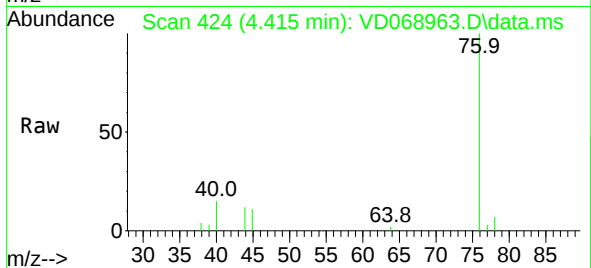
Tgt Ion: 43 Resp: 38571
Ion Ratio Lower Upper
43 100
58 40.2 28.0 42.0



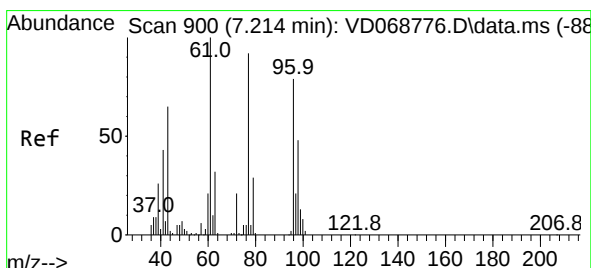
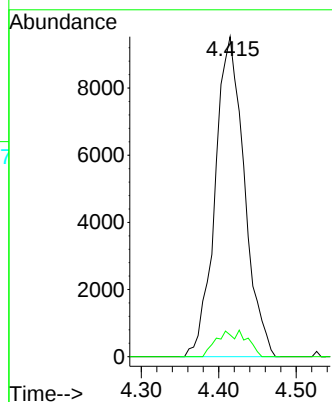
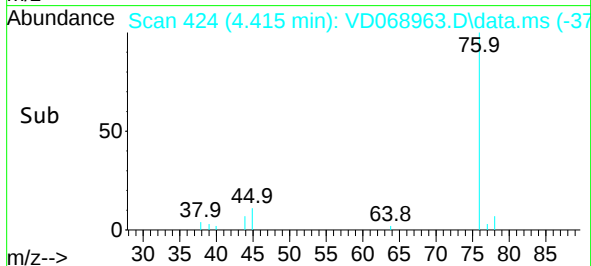


#17
Carbon Disulfide
Concen: 2.46 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

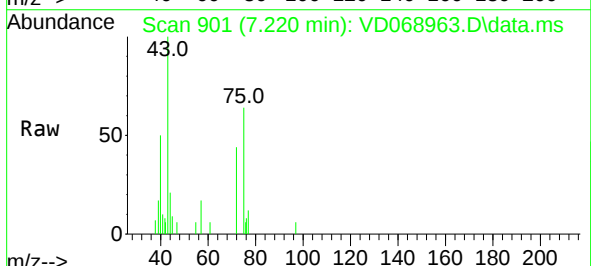
Instrument :
MSVOA_D
ClientSampled :



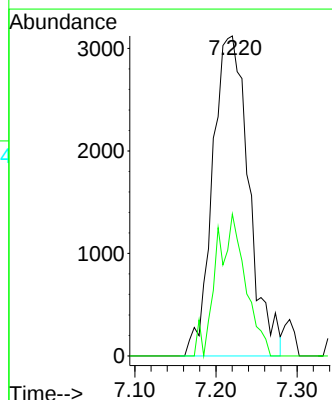
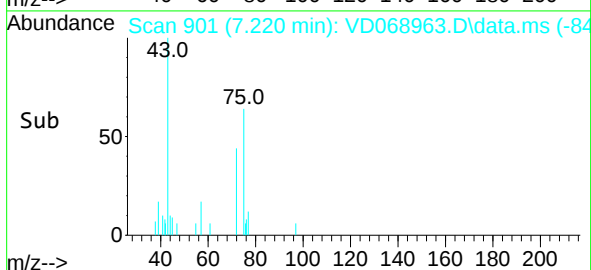
Tgt Ion: 76 Resp: 25019
Ion Ratio Lower Upper
76 100
78 6.8 7.3 10.9#

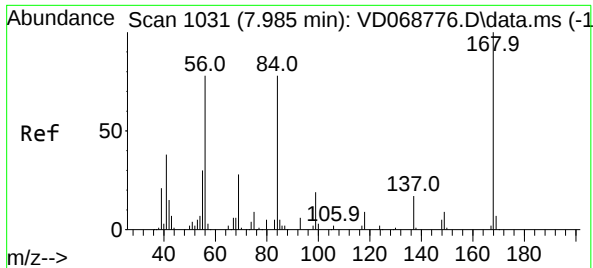


#25
2-Butanone
Concen: 14.84 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11



Tgt Ion: 43 Resp: 9649
Ion Ratio Lower Upper
43 100
72 44.4 28.6 43.0#

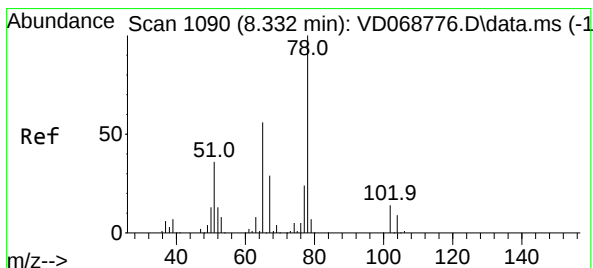
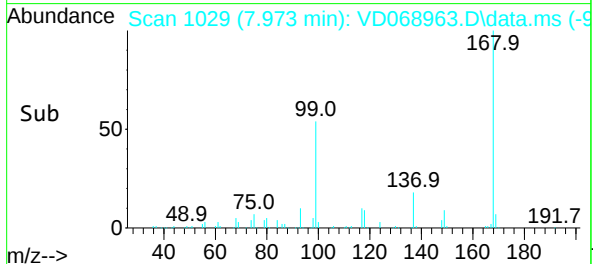
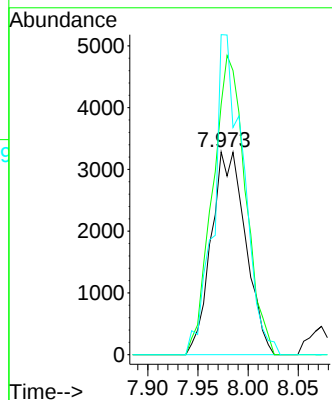
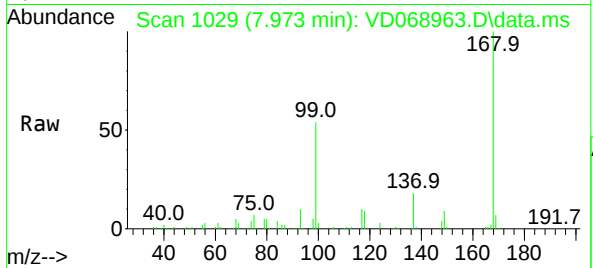




#31
Cyclohexane
Concen: 1.42 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

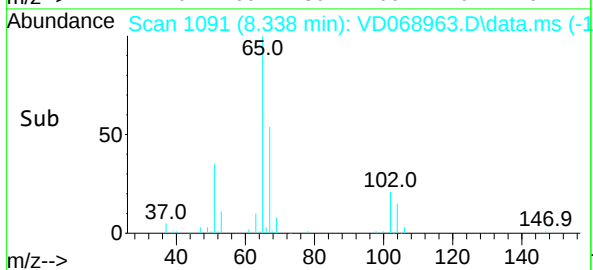
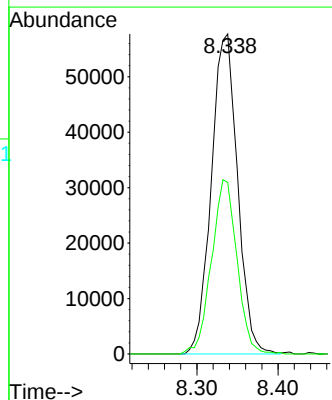
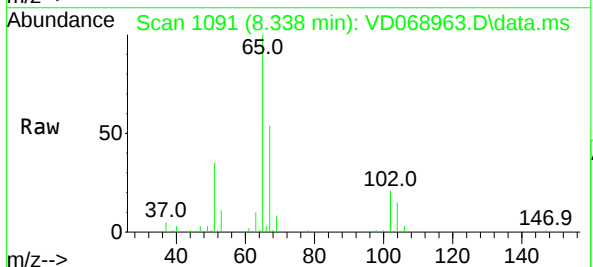
Instrument :
MSVOA_D
ClientSampled :

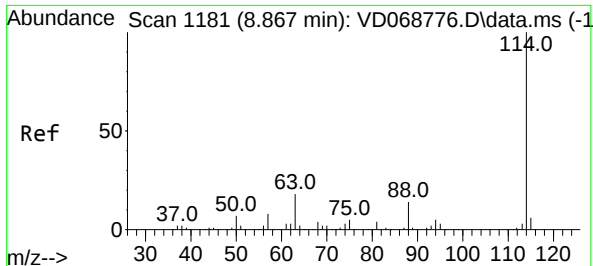
Tgt Ion: 56 Resp: 7852
Ion Ratio Lower Upper
56 100
69 123.5 30.0 45.0#
84 157.9 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 39.08 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

Tgt Ion: 65 Resp: 129669
Ion Ratio Lower Upper
65 100
67 52.9 0.0 106.0

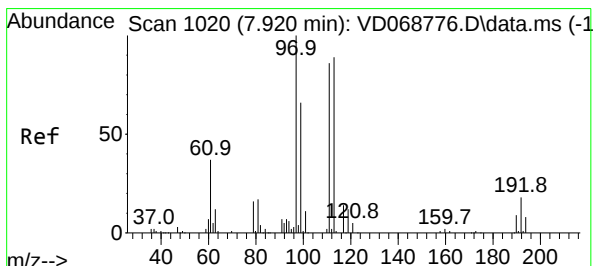
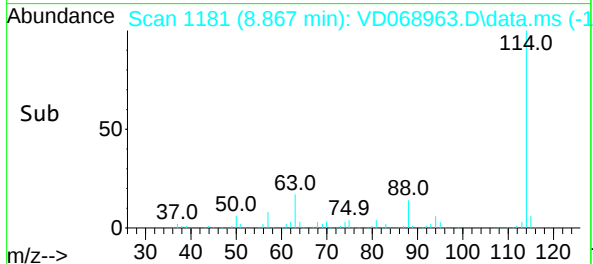
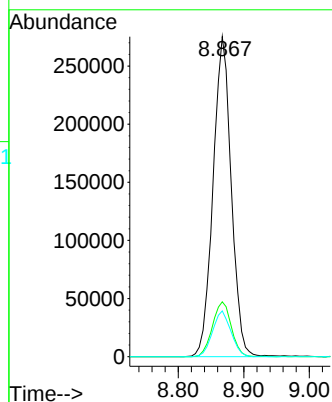
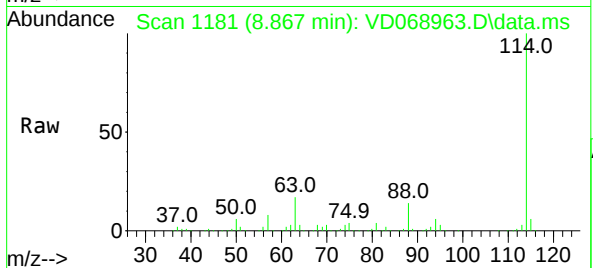




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

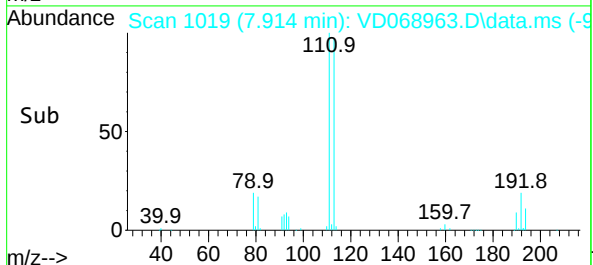
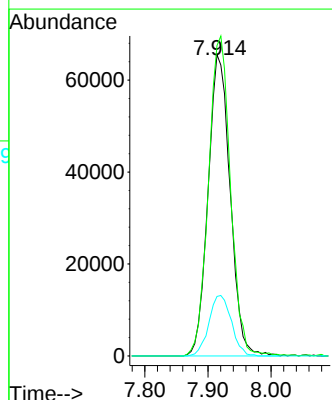
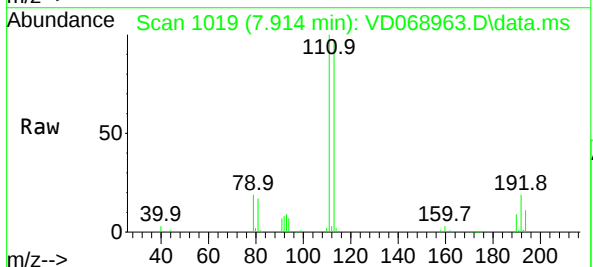
Instrument :
MSVOA_D
ClientSampled :

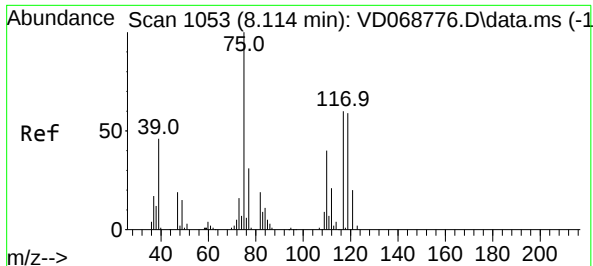
Tgt Ion:114 Resp: 530148
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.2
88 14.3 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.10 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

Tgt Ion:113 Resp: 158962
Ion Ratio Lower Upper
113 100
111 105.9 82.5 123.7
192 20.5 15.1 22.7

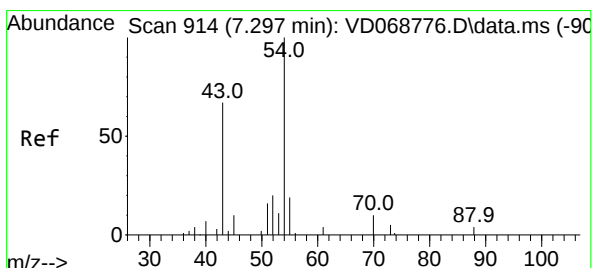
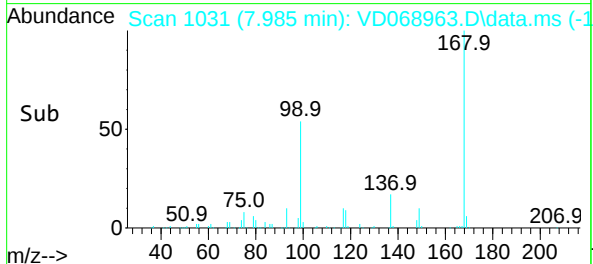
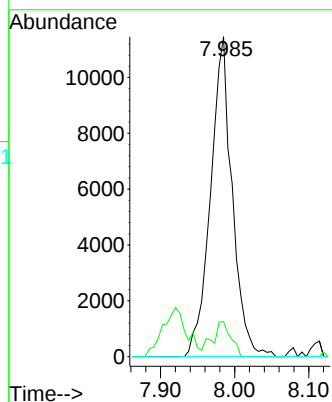
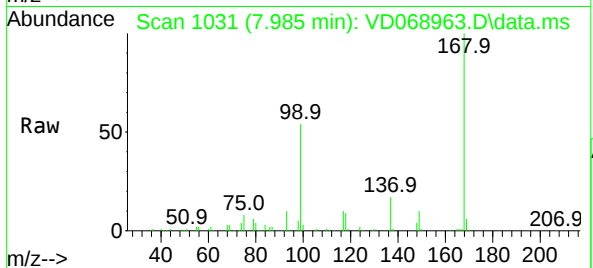




#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

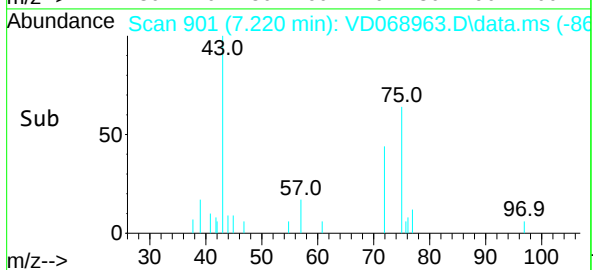
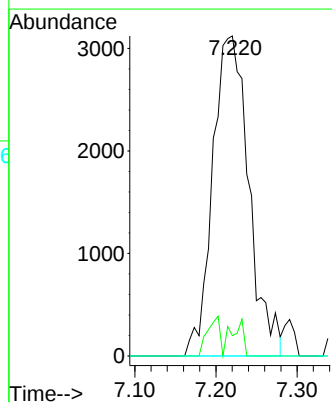
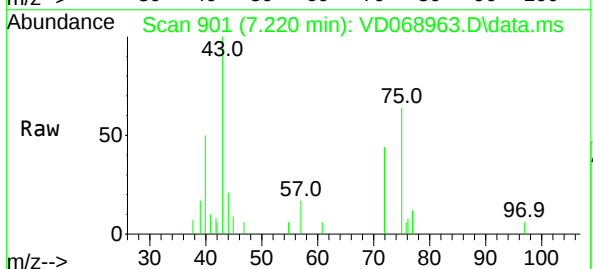
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MSVOA_D
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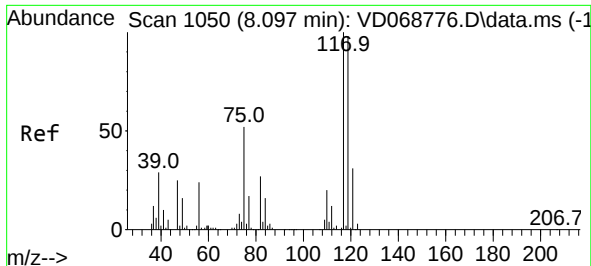
Tgt Ion: 75 Resp: 23317
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 6.12 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.077 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

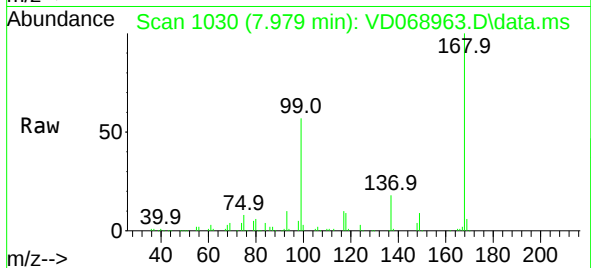
Tgt Ion: 43 Resp: 9649
Ion Ratio Lower Upper
43 100
61 3.9 14.2 21.4#
70 0.0 9.4 14.0#



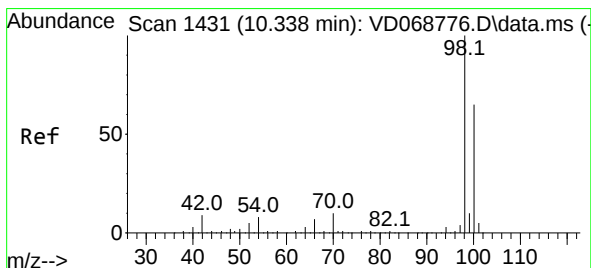
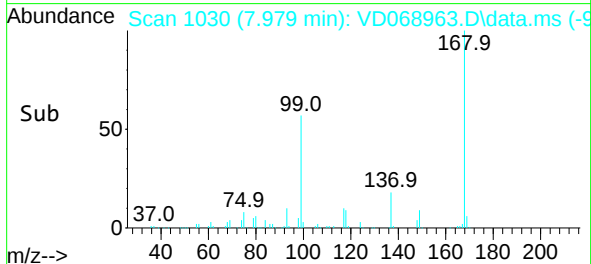
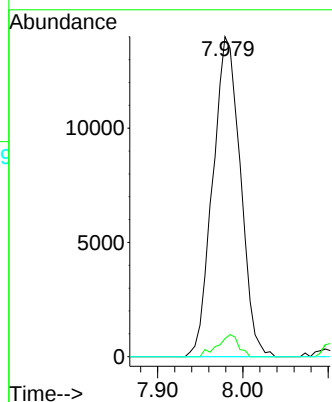


#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

Instrument :
MSVOA_D
ClientSampleId :

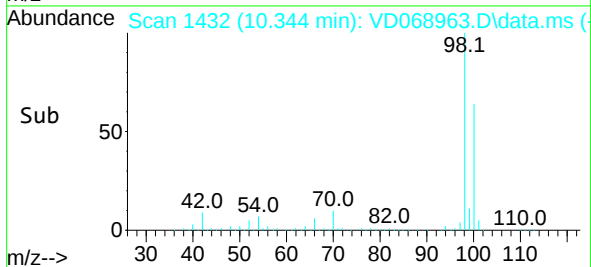
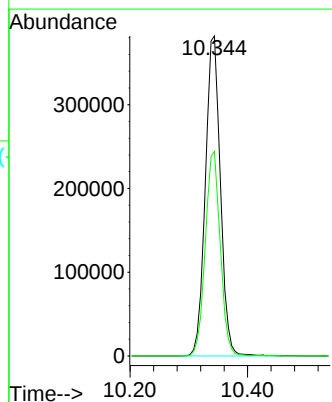
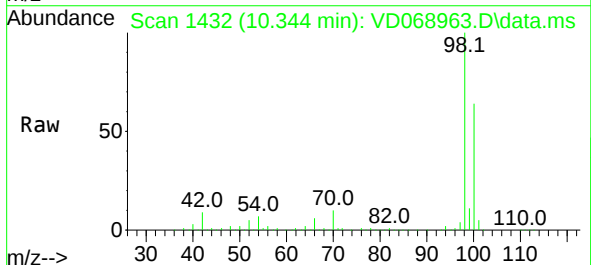


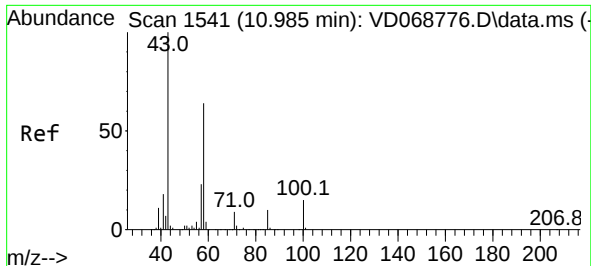
Tgt Ion:117 Resp: 31538
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.06 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.006 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

Tgt Ion: 98 Resp: 677206
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6

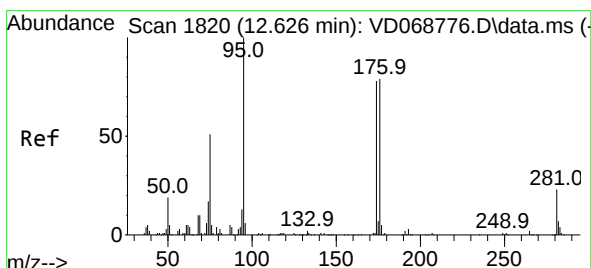
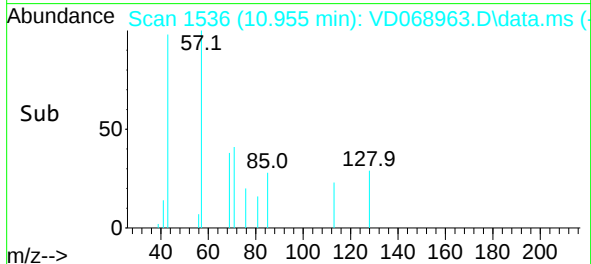
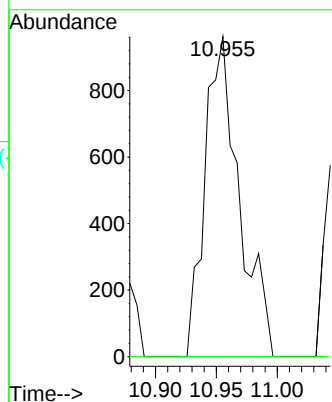
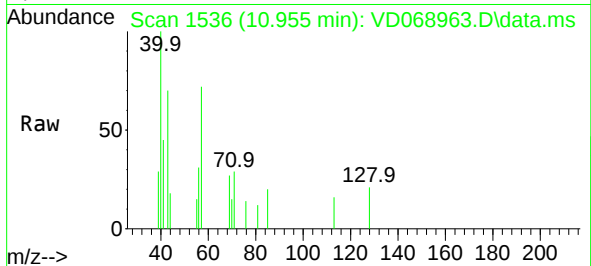




#59
2-Hexanone
Concen: 1.74 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.030 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

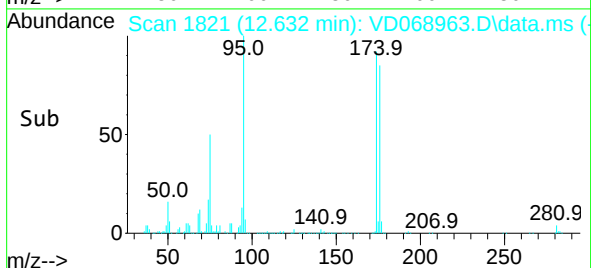
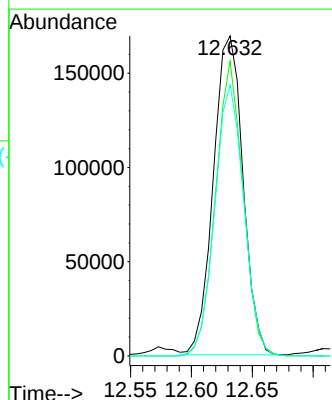
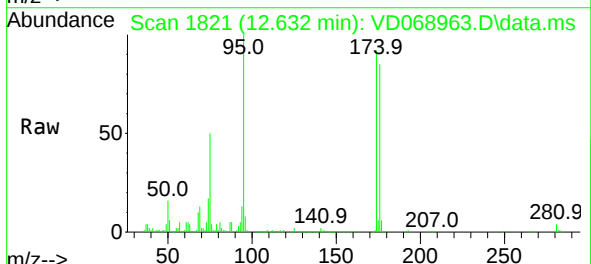
Instrument :
MSVOA_D
ClientSampled :

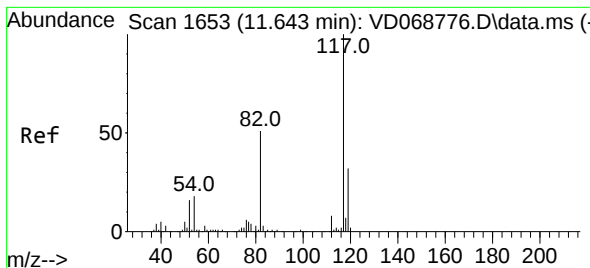
Tgt Ion: 43 Resp: 1889
Ion Ratio Lower Upper
43 100
58 0.0 31.3 93.8#



#62
4-Bromofluorobenzene
Concen: 66.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

Tgt Ion: 95 Resp: 287043
Ion Ratio Lower Upper
95 100
174 86.0 0.0 168.0
176 83.0 0.0 160.2

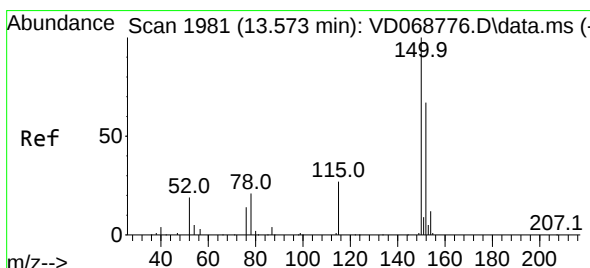
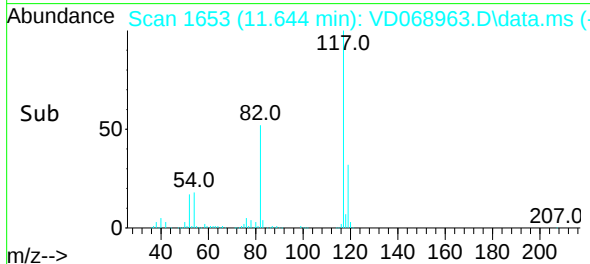
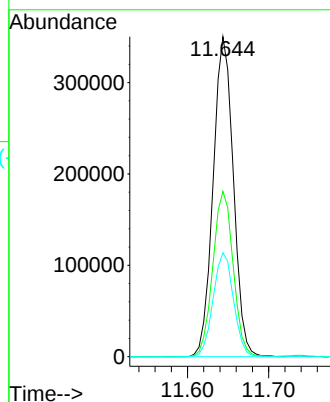
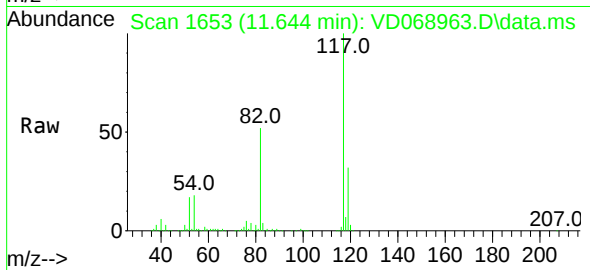




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

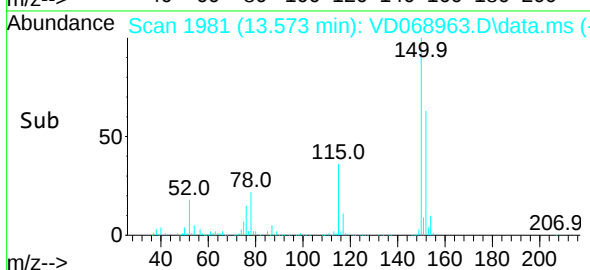
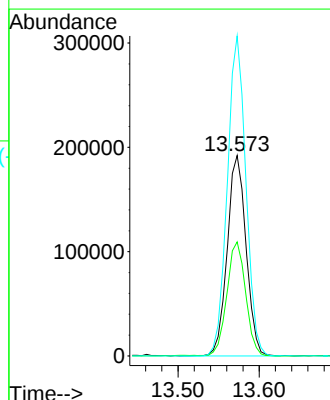
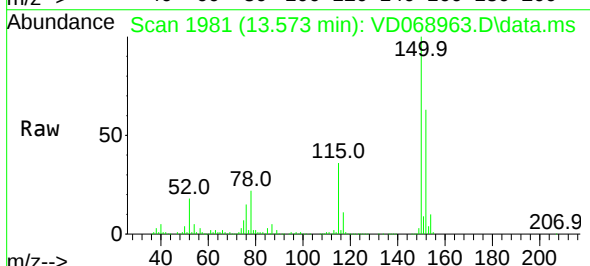
Instrument :
MSVOA_D
ClientSampleId :

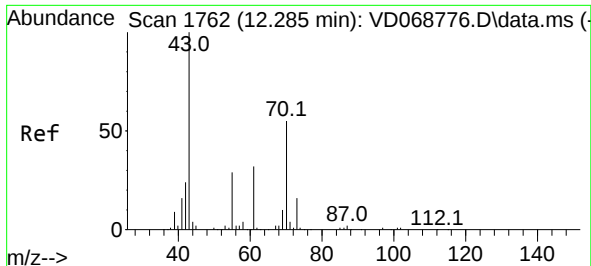
Tgt Ion:117 Resp: 606767
Ion Ratio Lower Upper
117 100
82 51.6 43.5 65.3
119 32.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

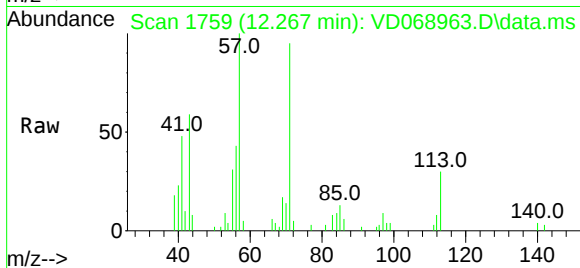
Tgt Ion:152 Resp: 310541
Ion Ratio Lower Upper
152 100
115 56.6 29.3 87.8
150 157.0 0.0 347.6



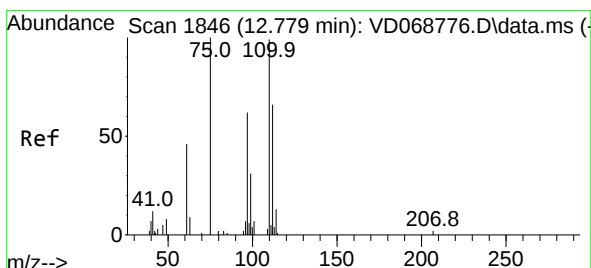
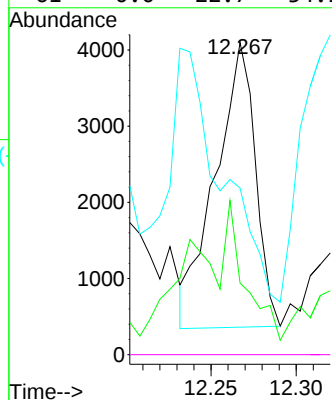
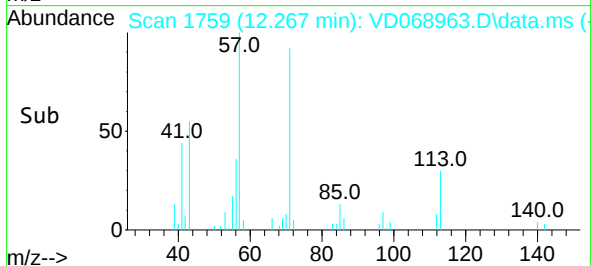


#74
N-amy1 acetate
Concen: 1.58 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.018 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11

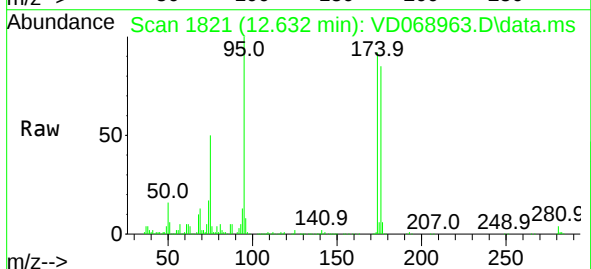
Instrument :
MSVOA_D
ClientSampled :



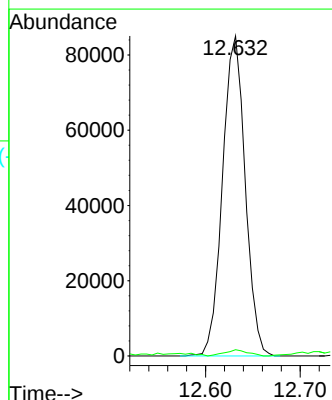
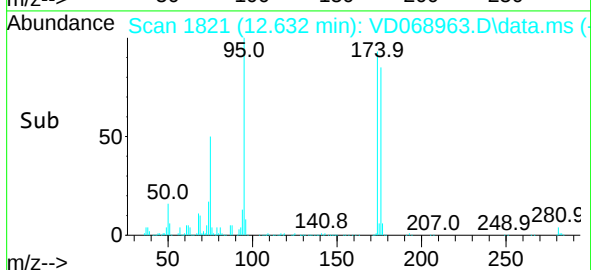
Tgt Ion:	43	Resp:	6081
Ion	Ratio	Lower	Upper
43	100		
70	23.7	41.9	62.9#
55	0.0	22.8	34.2#
61	0.0	22.7	34.1#

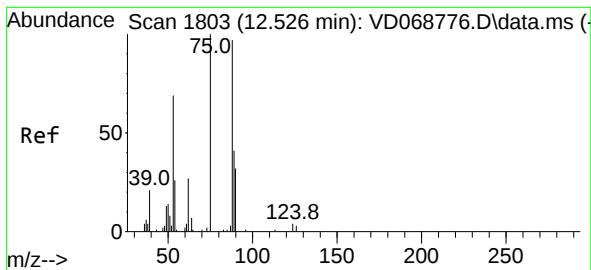


#76
1,2,3-Trichloropropane
Concen: 49.92 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068963.D
Acq: 23 Apr 2021 13:11



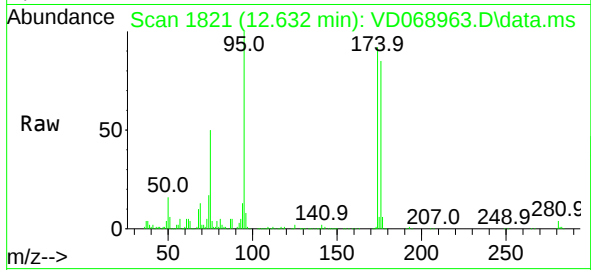
Tgt Ion:	75	Resp:	141629
Ion	Ratio	Lower	Upper
75	100		
77	2.0	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.86 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068963.D
 Acq: 23 Apr 2021 13:11

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 141629

Ion	Ratio	Lower	Upper
75	100		
53	0.6	66.8	100.2#
89	0.1	36.6	54.8#

