

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040921\
 Data File : VD068818.D
 Acq On : 09 Apr 2021 18:11
 Operator : VA/SY
 Sample : M1979-04RE
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-4

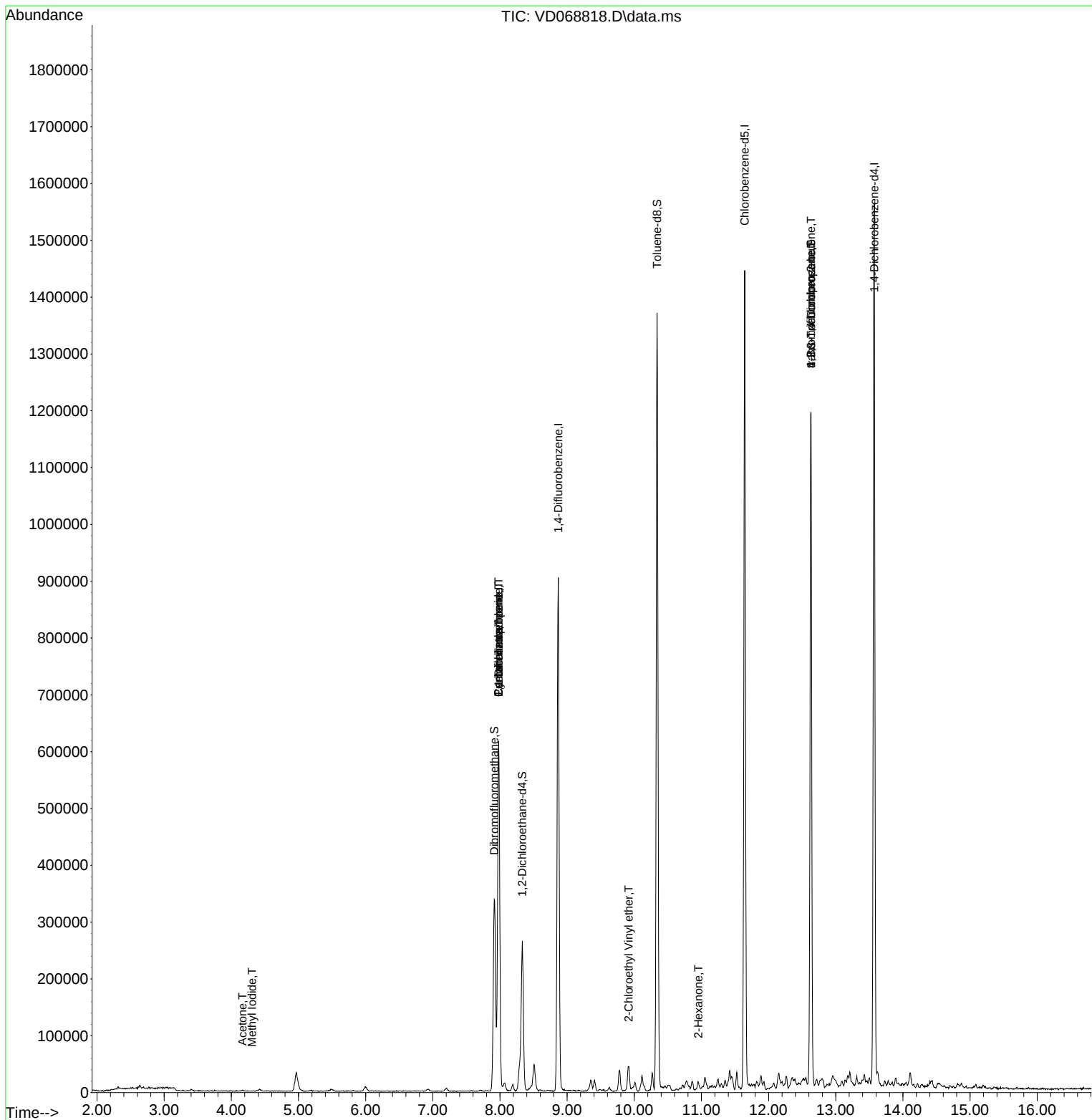
Quant Time: Apr 10 00:45:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

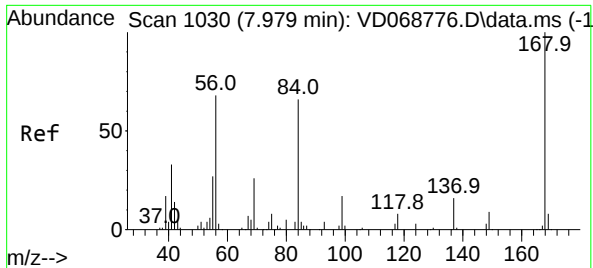
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	473411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	830006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	842741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	437777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	201608	40.30	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.60%
35) Dibromofluoromethane	7.914	113	253095	46.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.76%
50) Toluene-d8	10.338	98	986486	48.44	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.88%
62) 4-Bromofluorobenzene	12.632	95	395109	58.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.82%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	231	2.29	ug/l #	73
11) Tert butyl alcohol	5.220	59	61	Below Cal	#	73
16) Acetone	4.168	43	2127	3.07	ug/l #	41
20) Methylene Chloride	4.968	84	26359	Below Cal		92
31) Cyclohexane	7.979	56	11019	1.32	ug/l #	18
36) 1,1-Dichloropropene	7.979	75	33992	4.05	ug/l #	49
38) Carbon Tetrachloride	7.979	117	44783	5.38	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.914	63	61	17.01	ug/l #	44
59) 2-Hexanone	10.955	43	4986	2.94	ug/l #	24
76) 1,2,3-Trichloropropane	12.632	75	195508	48.88	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	195508	113.45	ug/l #	16

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

Quant Time: Apr 10 00:45:10 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

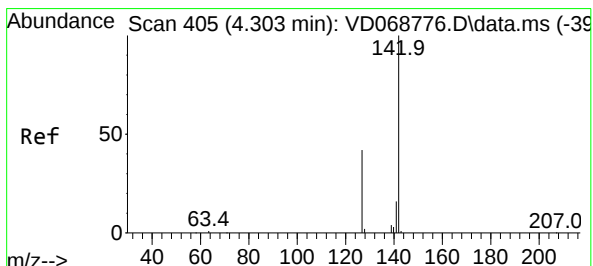
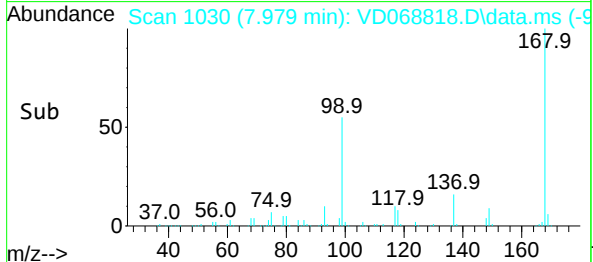
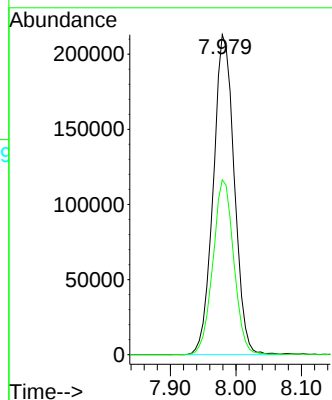
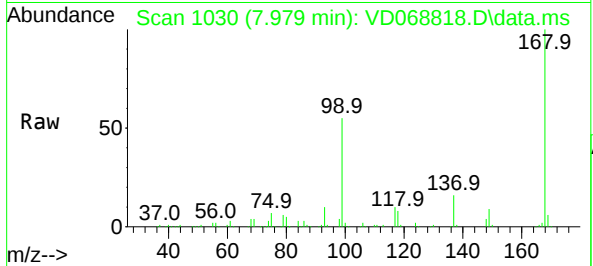




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

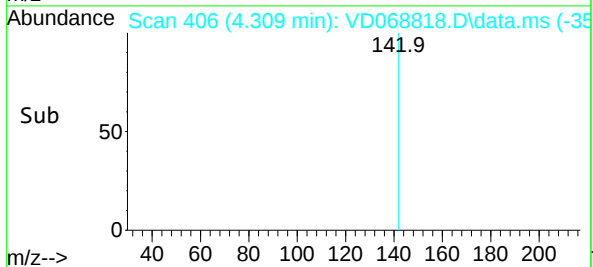
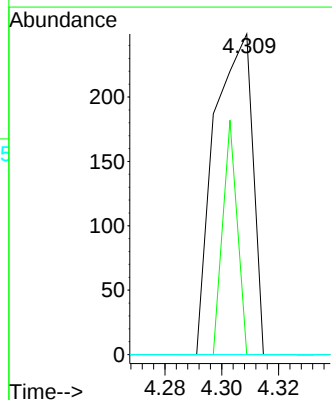
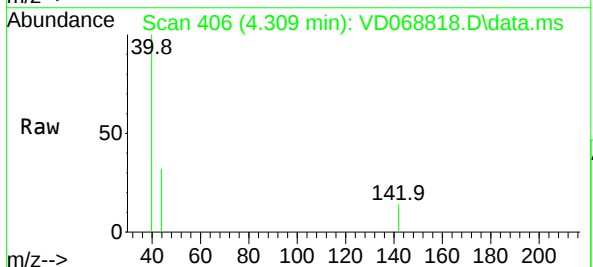
Instrument :
MSVOA_D
ClientSampleId :
S-4

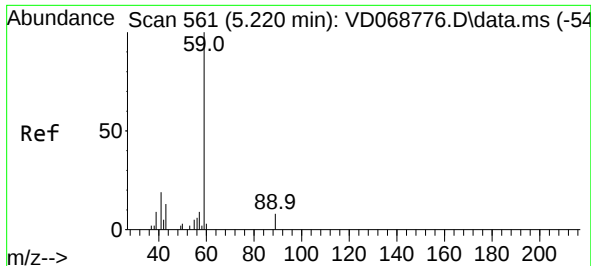
Tgt Ion:168 Resp: 473411
Ion Ratio Lower Upper
168 100
99 54.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.29 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

Tgt Ion:142 Resp: 231
Ion Ratio Lower Upper
142 100
127 27.7 34.7 52.1#
141 0.0 11.0 16.4#



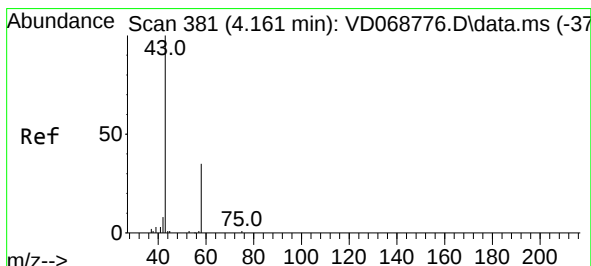
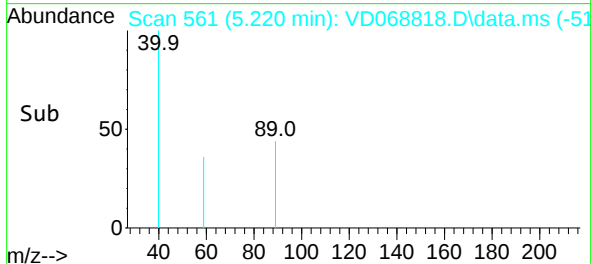
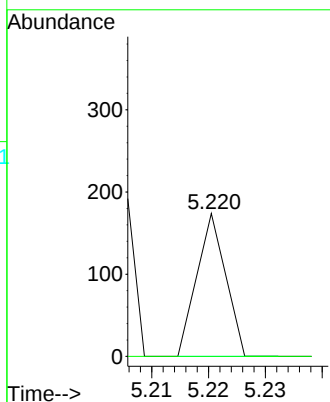
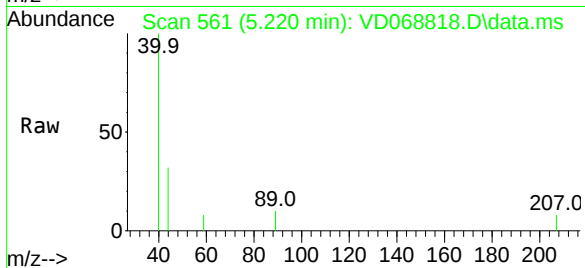


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

Instrument :
MSVOA_D
ClientSampled :
S-4

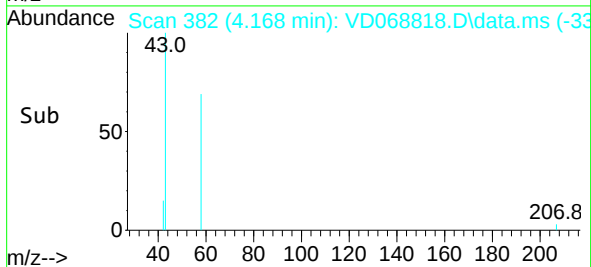
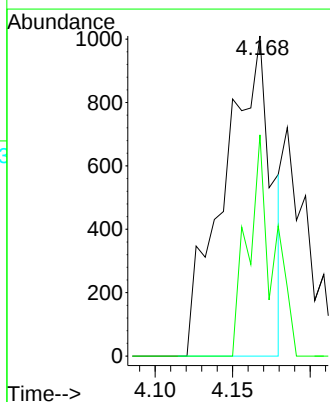
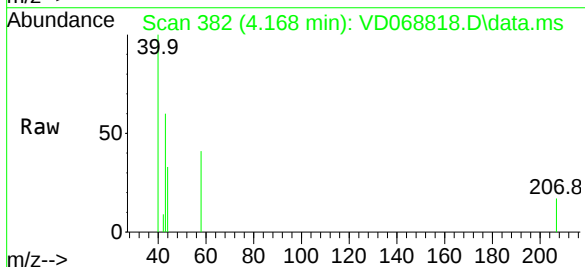
Tgt Ion: 59 Resp: 61
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

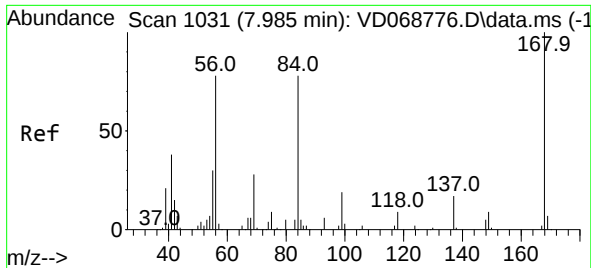


#16

Acetone
Concen: 3.07 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.007 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

Tgt Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
58 69.1 28.0 42.0#

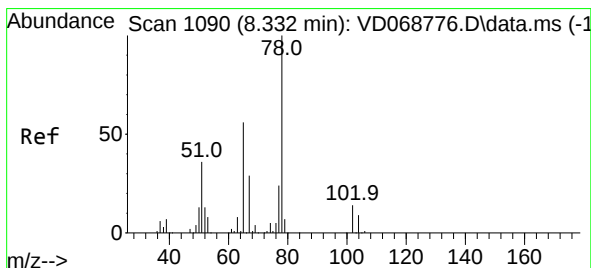
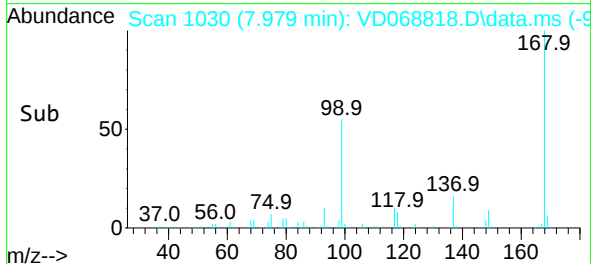
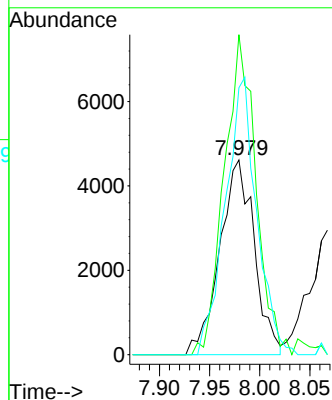
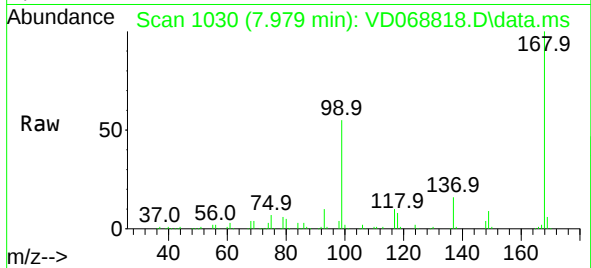




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

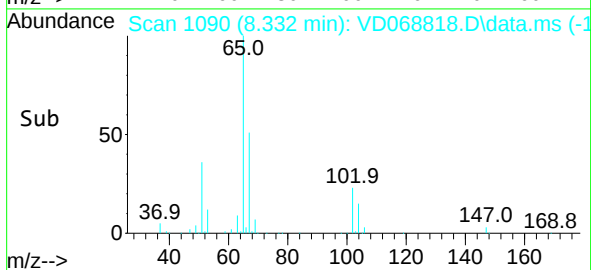
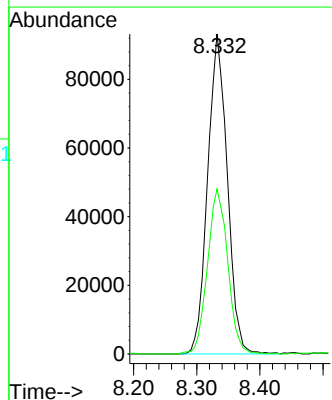
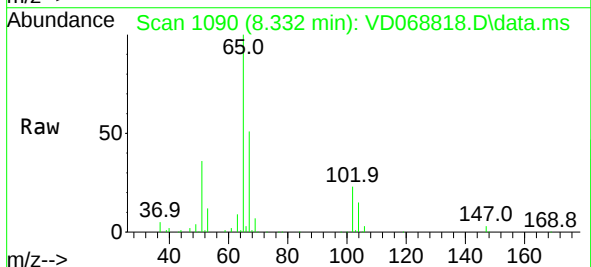
Instrument :
MSVOA_D
ClientSampled :
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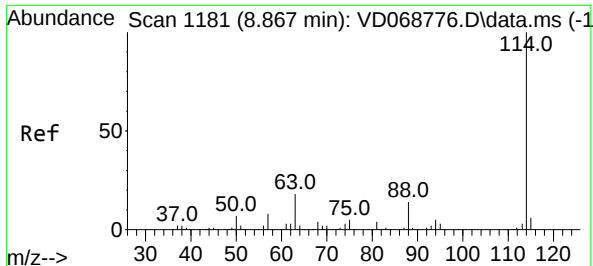
Tgt Ion: 56 Resp: 11019
Ion Ratio Lower Upper
56 100
69 164.4 30.0 45.0#
84 137.1 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 40.30 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

Tgt Ion: 65 Resp: 201608
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.0

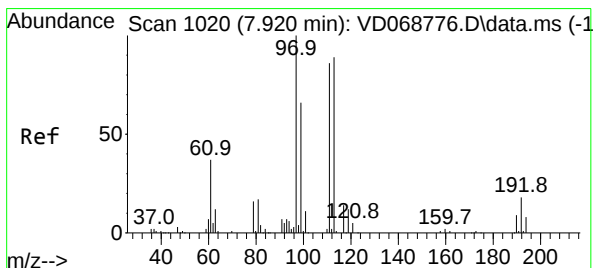
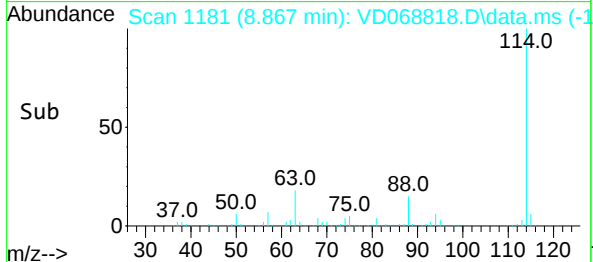
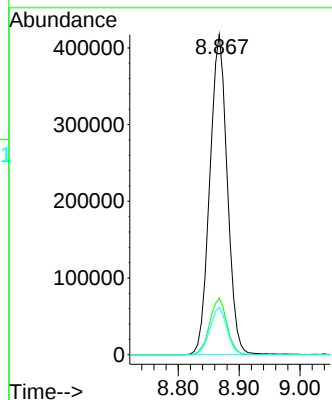
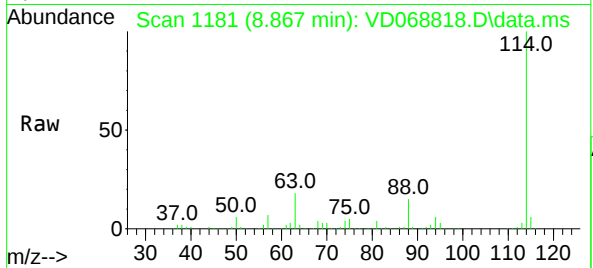




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

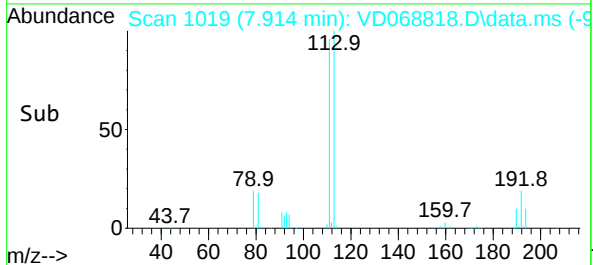
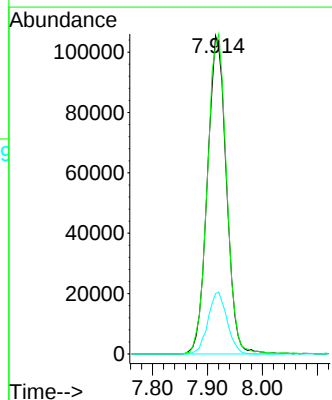
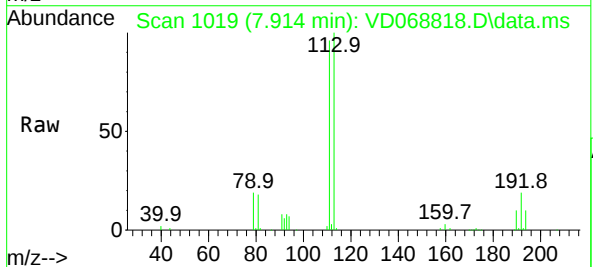
Instrument :
MSVOA_D
ClientSampled :
S-4

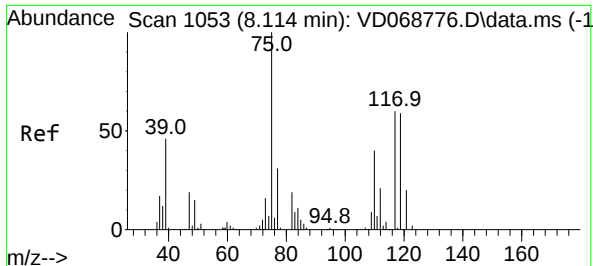
Tgt Ion:114 Resp: 830006
Ion Ratio Lower Upper
114 100
63 17.7 0.0 38.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 46.88 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

Tgt Ion:113 Resp: 253095
Ion Ratio Lower Upper
113 100
111 101.6 82.5 123.7
192 19.4 15.1 22.7

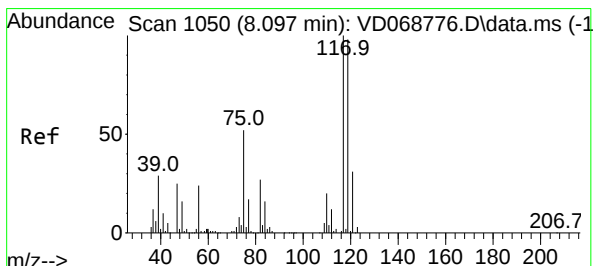
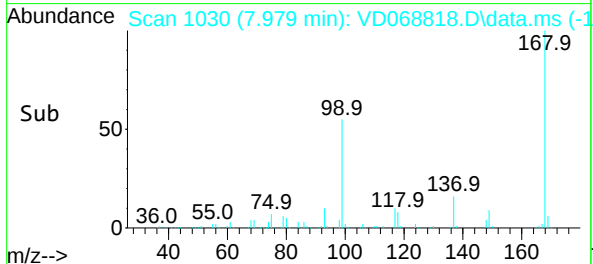
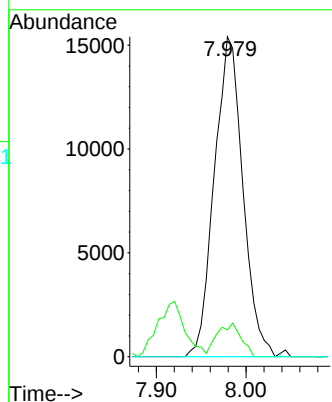
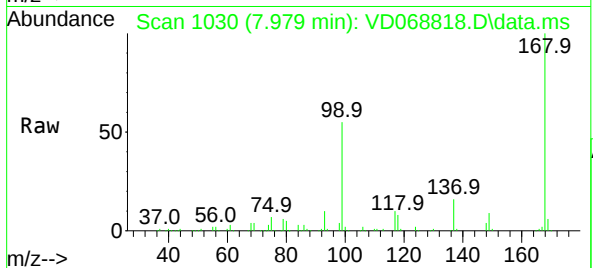




#36
1,1-Dichloropropene
Concen: 4.05 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

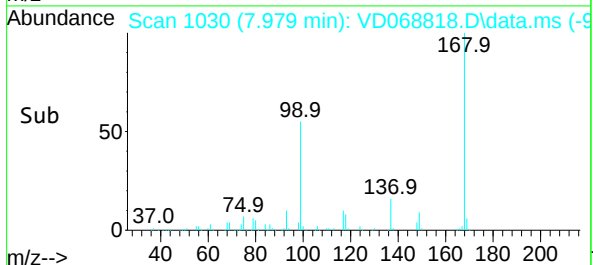
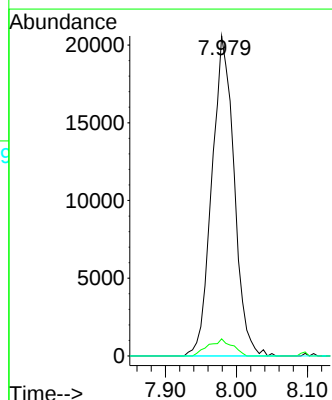
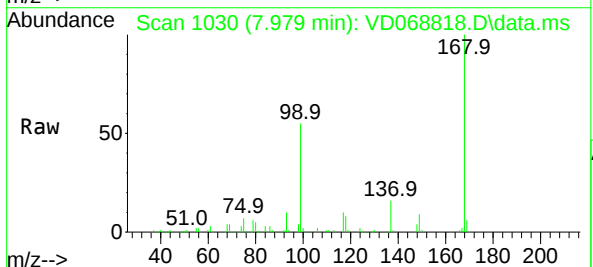
Instrument :
MSVOA_D
ClientSampled :
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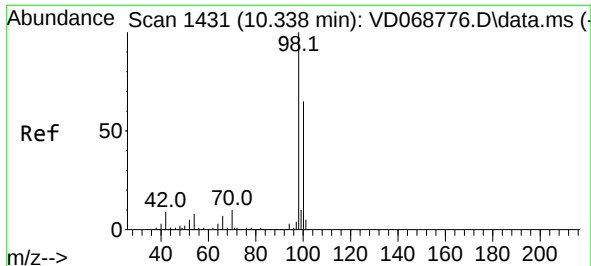
Tgt Ion: 75 Resp: 33992
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.38 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

Tgt Ion: 117 Resp: 44783
Ion Ratio Lower Upper
117 100
119 5.3 76.6 115.0#
121 0.0 26.1 39.1#

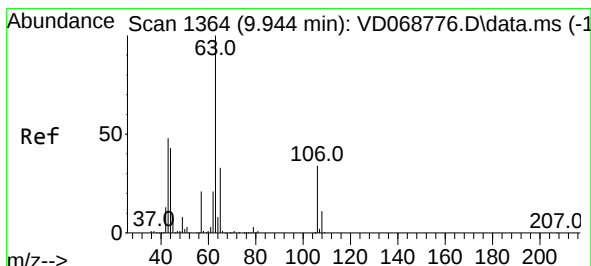
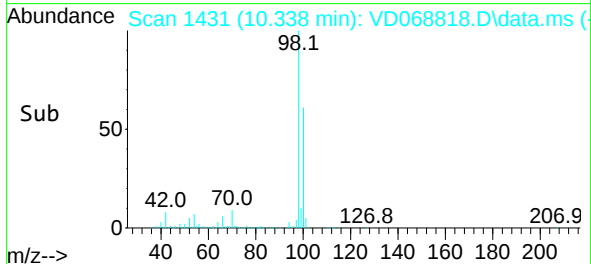
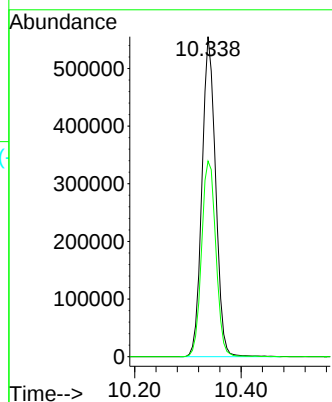
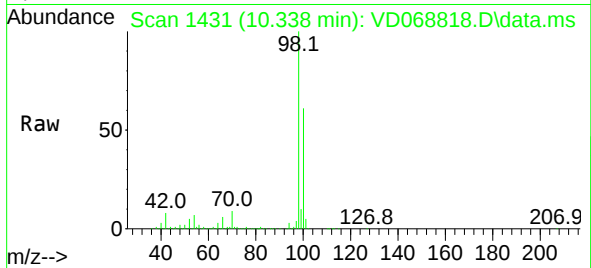




#50
Toluene-d8
Concen: 48.44 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

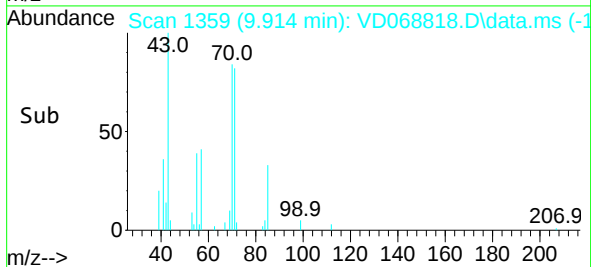
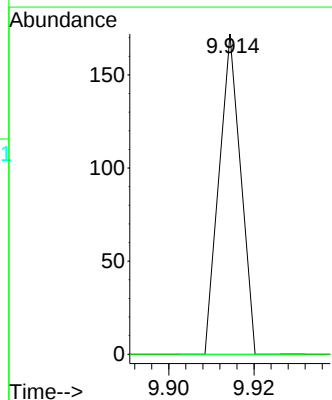
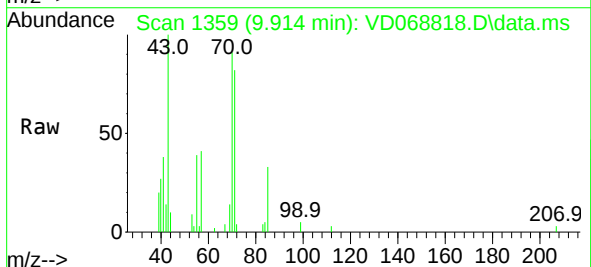
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MSVOA_D
ClientSampleId :
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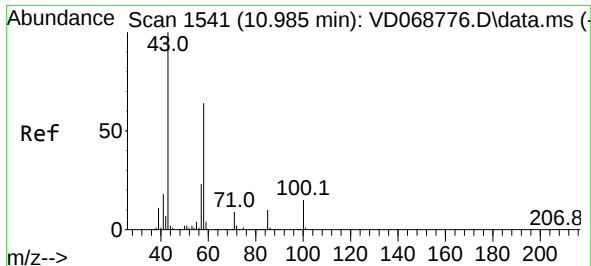
Tgt Ion: 98 Resp: 986486
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: 17.01 ug/l
RT: 9.914 min Scan# 1359
Delta R.T. -0.030 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

Tgt Ion: 63 Resp: 61
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

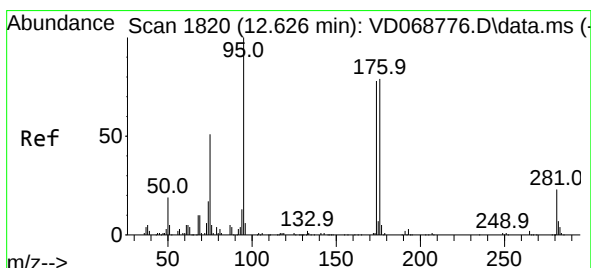
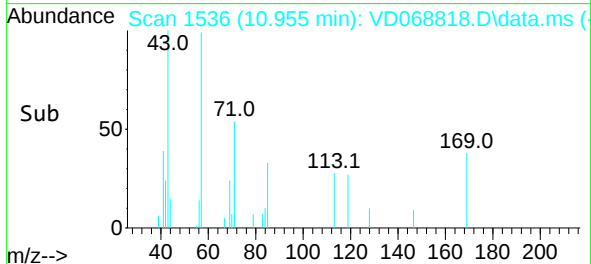
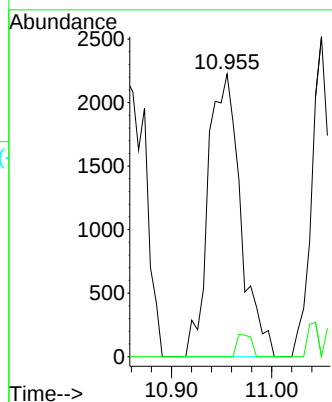
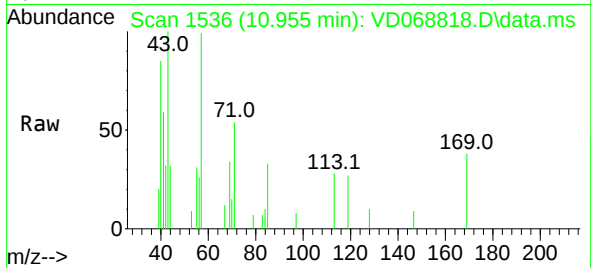




#59
2-Hexanone
Concen: 2.94 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.030 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

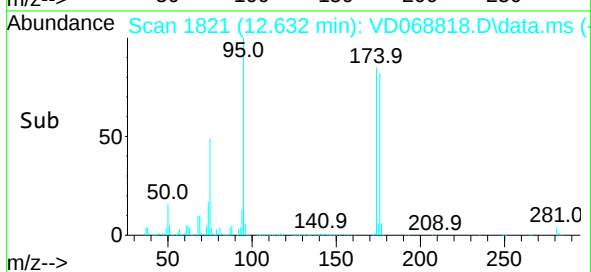
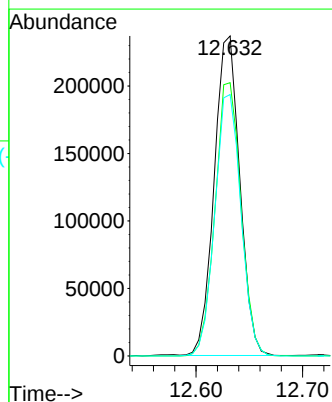
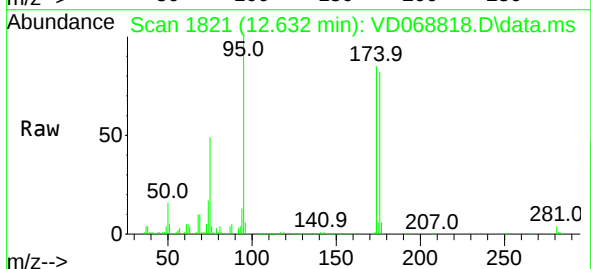
Instrument :
MSVOA_D
ClientSampled :
S-4

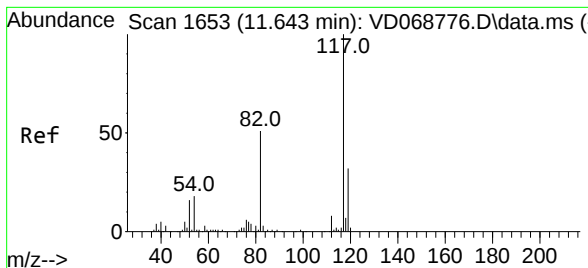
Tgt Ion: 43 Resp: 4986
Ion Ratio Lower Upper
43 100
58 3.5 31.3 93.8#



#62
4-Bromofluorobenzene
Concen: 58.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

Tgt Ion: 95 Resp: 395109
Ion Ratio Lower Upper
95 100
174 86.5 0.0 168.0
176 83.2 0.0 160.2

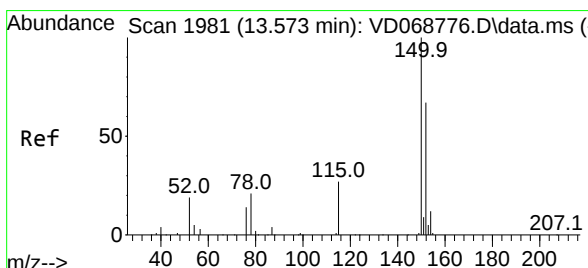
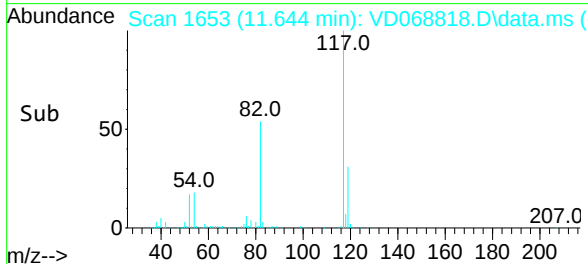
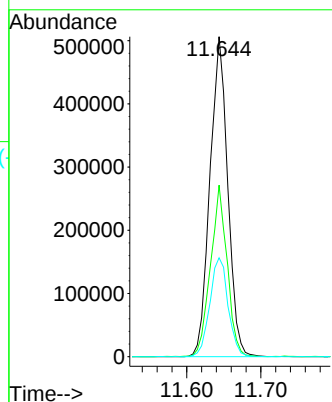
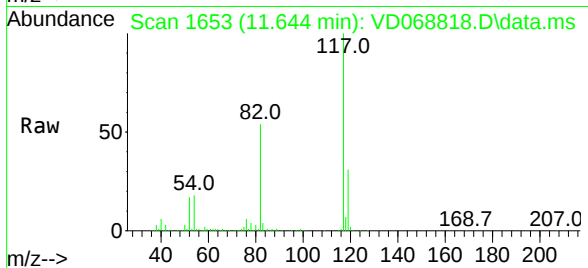




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

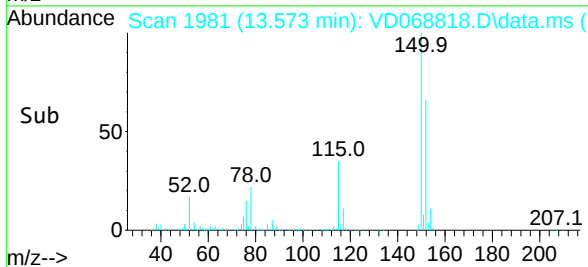
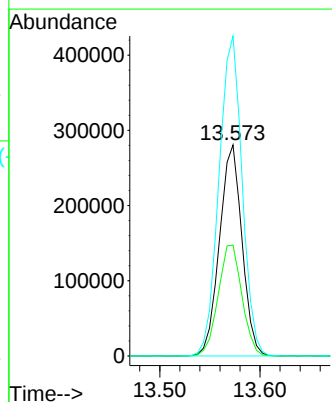
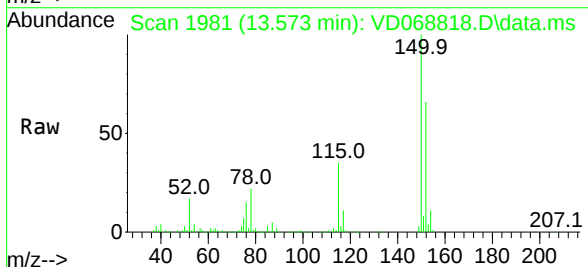
Instrument :
MSVOA_D
ClientSampled :
S-4

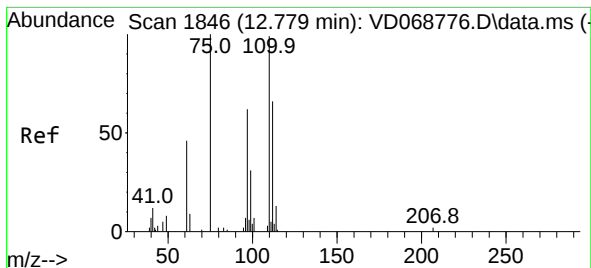
Tgt Ion:117 Resp: 842741
Ion Ratio Lower Upper
117 100
82 53.5 43.5 65.3
119 30.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

Tgt Ion:152 Resp: 437777
Ion Ratio Lower Upper
152 100
115 55.5 29.3 87.8
150 155.9 0.0 347.6

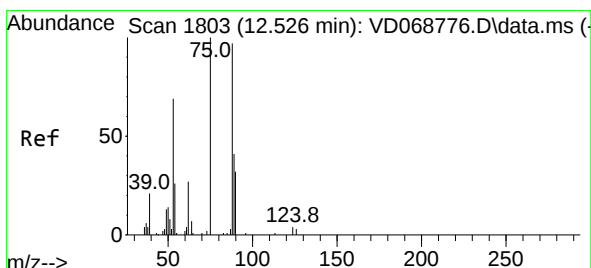
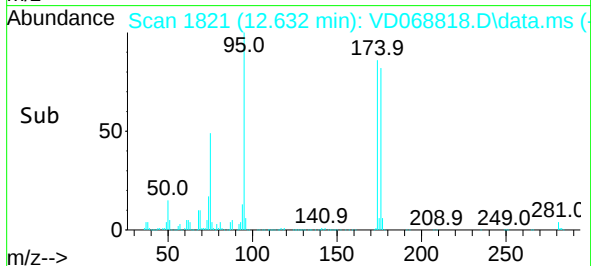
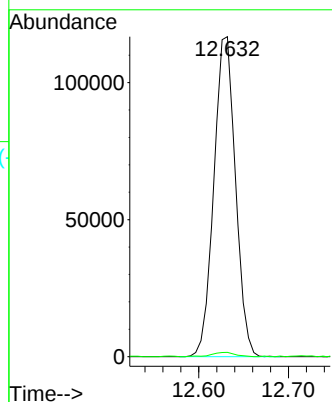
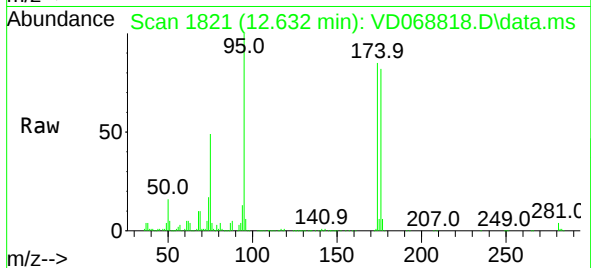




#76
1,2,3-Trichloropropane
Concen: 48.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

Instrument :
MSVOA_D
ClientSampled :
S-4

Tgt Ion: 75 Resp: 195508
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068818.D
Acq: 09 Apr 2021 18:11

Tgt Ion: 75 Resp: 195508
Ion Ratio Lower Upper
75 100
53 0.3 66.8 100.2#
89 0.0 36.6 54.8#

