

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD069003.D
 Acq On : 28 Apr 2021 14:43
 Operator : VA/SY
 Sample : M2199-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 29 06:31:59 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)

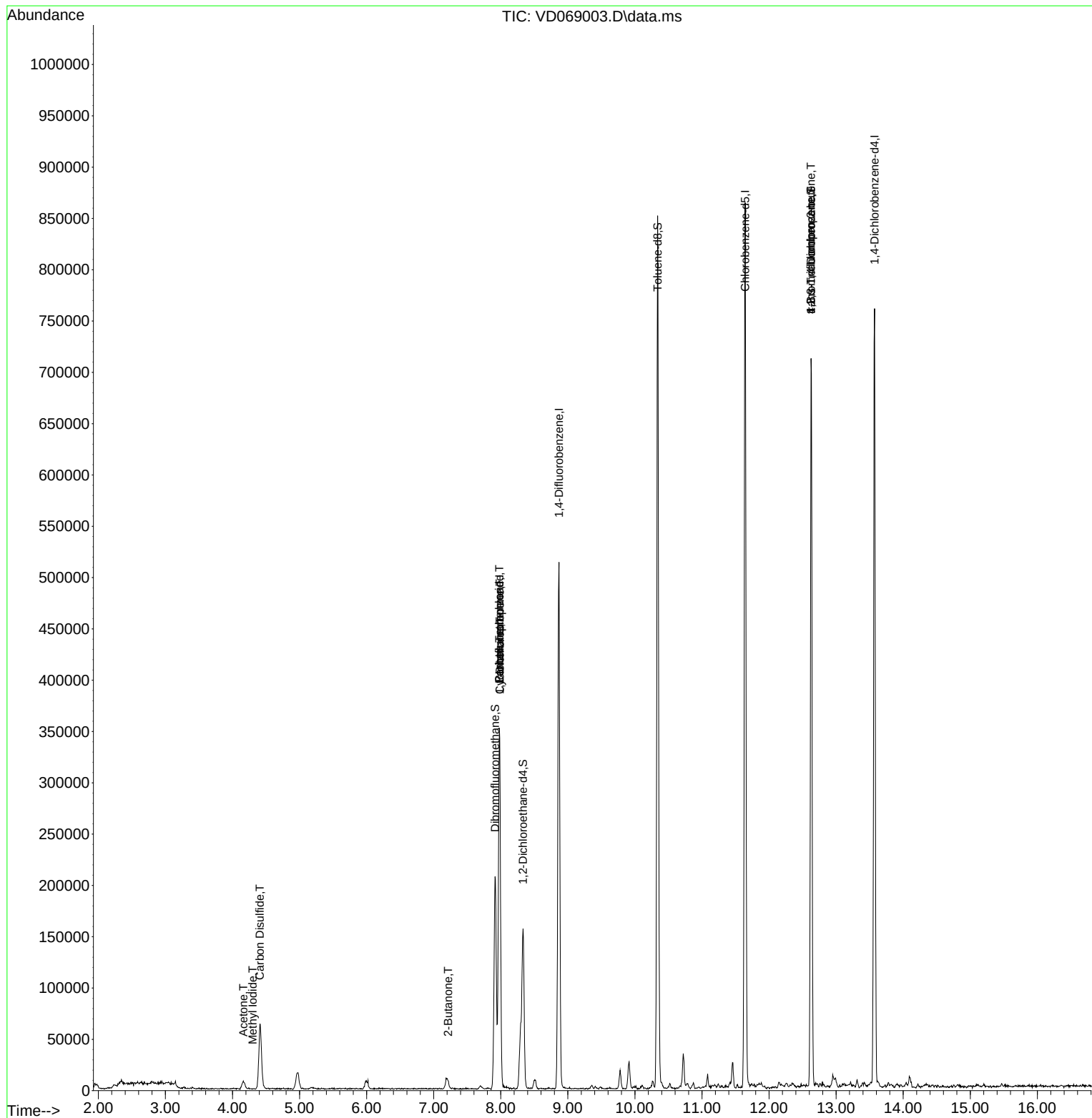
Internal Standards						
1) Pentafluorobenzene	7.979	168	274514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	472077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	525172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	216929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	119665	41.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.50%
35) Dibromofluoromethane	7.914	113	150377	48.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.94%
50) Toluene-d8	10.338	98	583645	50.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.78%
62) 4-Bromofluorobenzene	12.626	95	221856	57.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.34%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	150	2.29	ug/l #	41
11) Tert butyl alcohol	5.220	59	436	Below	Cal #	73
16) Acetone	4.162	43	13853	34.48	ug/l	91
17) Carbon Disulfide	4.409	76	130988	14.73	ug/l	99
20) Methylene Chloride	4.979	84	14920	Below	Cal #	79
25) 2-Butanone	7.214	43	2244	3.95	ug/l #	76
31) Cyclohexane	7.985	56	6292	1.30	ug/l #	52
36) 1,1-Dichloropropene	7.985	75	19924	4.17	ug/l #	49
38) Carbon Tetrachloride	7.979	117	26258	5.55	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	110671	55.84	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	110671	129.60	ug/l #	16

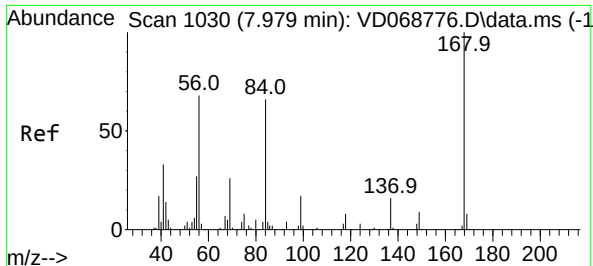
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
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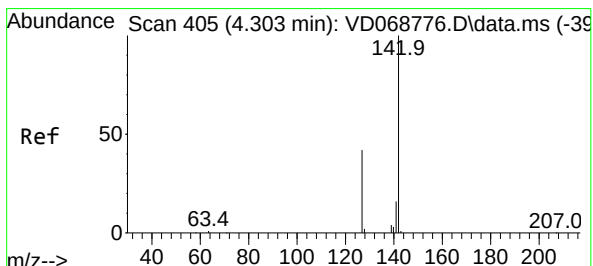
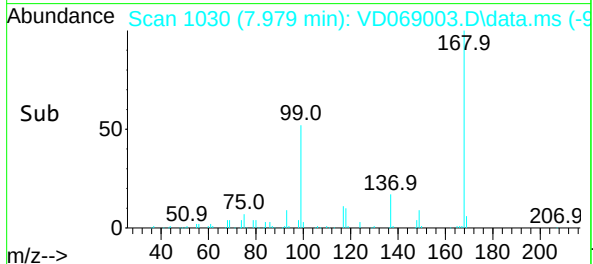
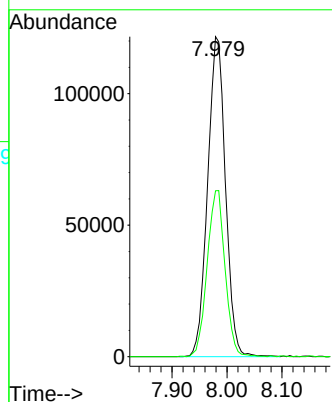
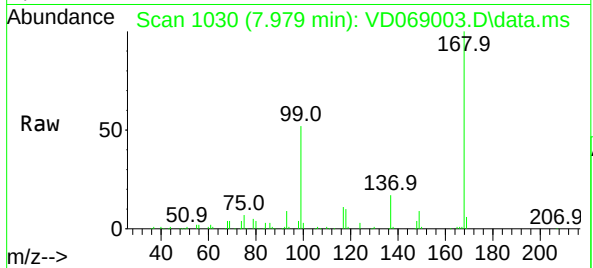




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

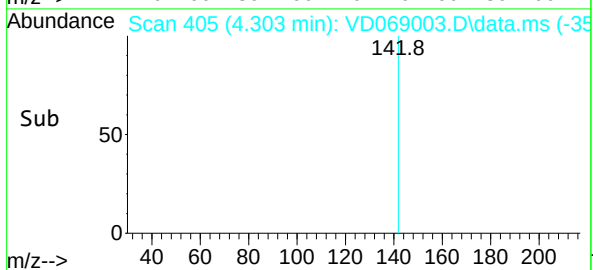
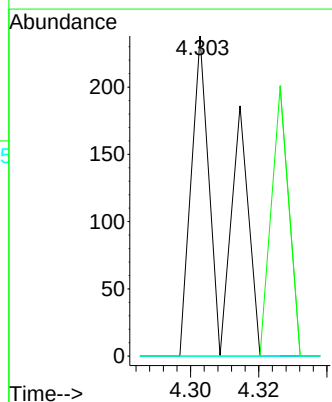
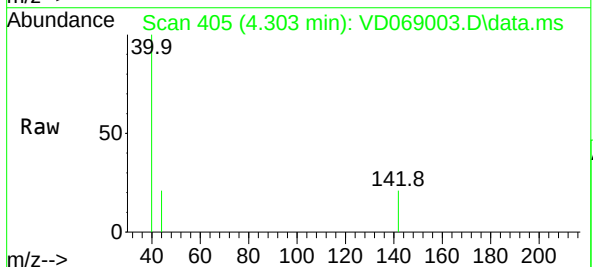
Instrument :
MSVOA_D
ClientSampleId :

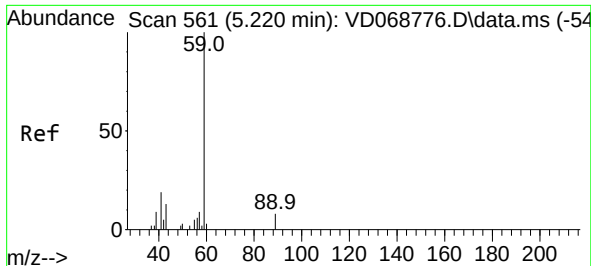
Tgt Ion:168 Resp: 274514
Ion Ratio Lower Upper
168 100
99 51.7 46.2 69.2



#10
Methyl Iodide
Concen: 2.29 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

Tgt Ion:142 Resp: 150
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

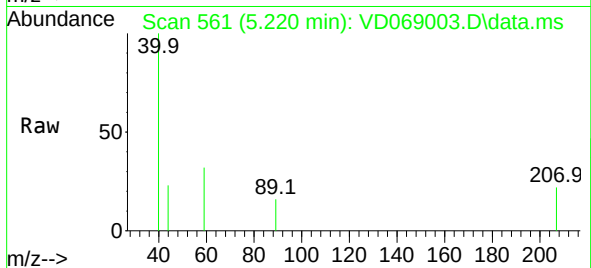




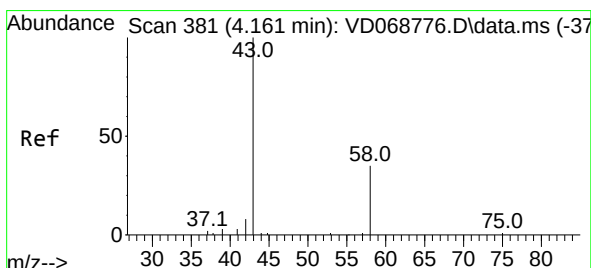
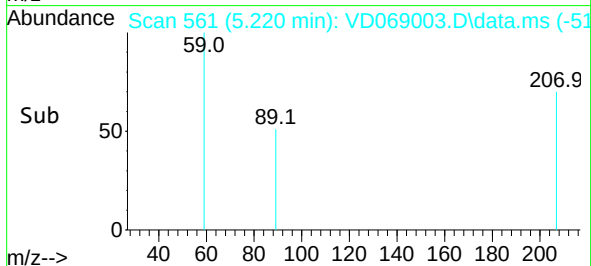
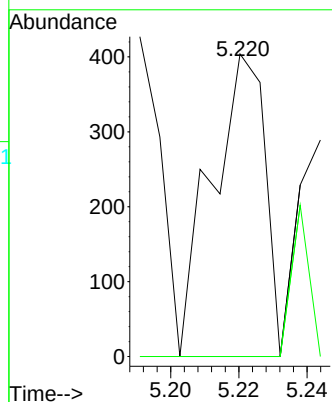
#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

Instrument :
MSVOA_D
ClientSampled :



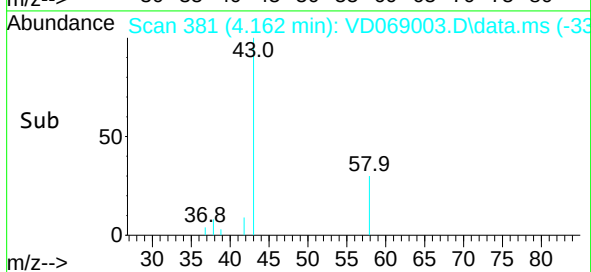
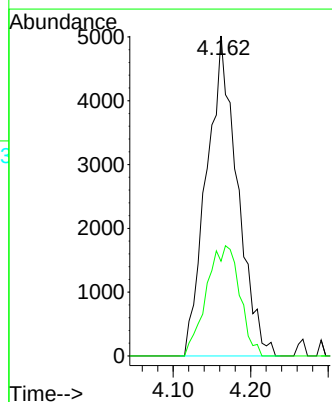
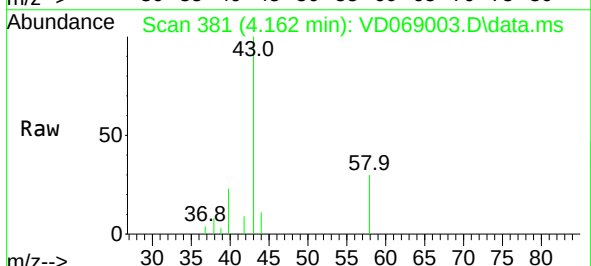
Tgt Ion: 59 Resp: 436
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

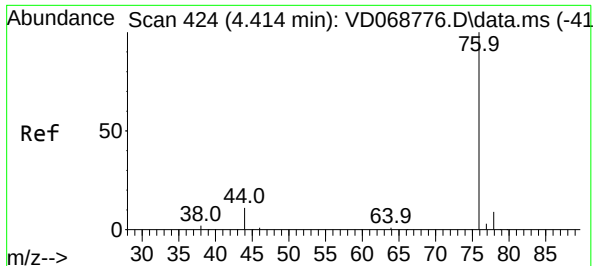


#16

Acetone
Concen: 34.48 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

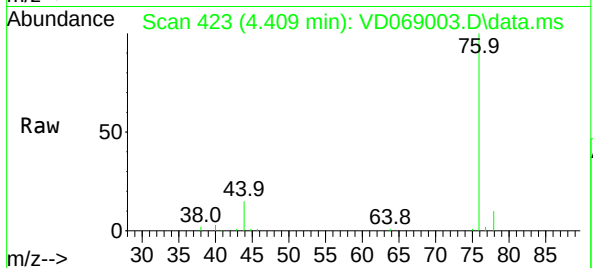
Tgt Ion: 43 Resp: 13853
Ion Ratio Lower Upper
43 100
58 29.6 28.0 42.0



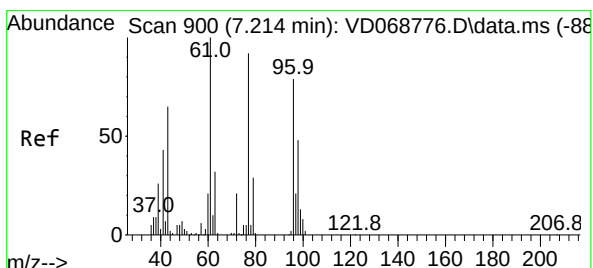
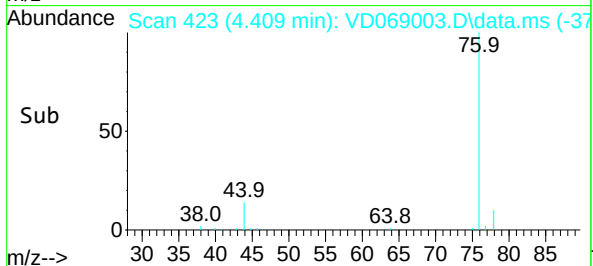
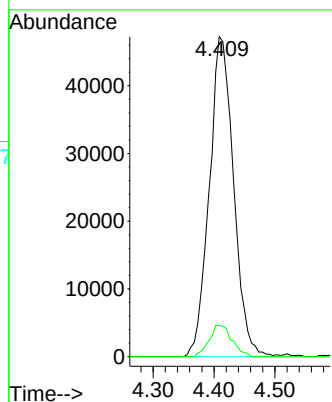


#17
Carbon Disulfide
Concen: 14.73 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

Instrument :
MSVOA_D
ClientSampled :

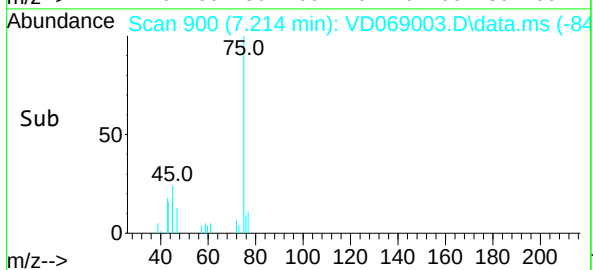
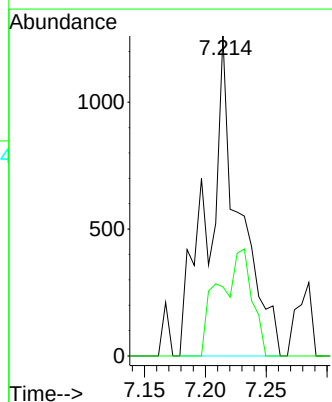
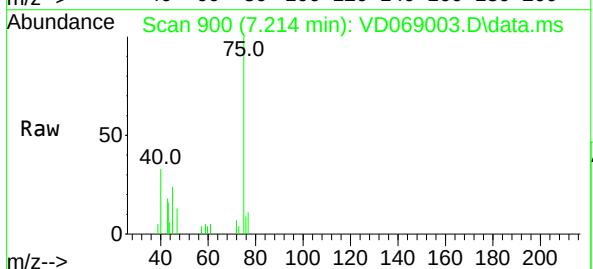


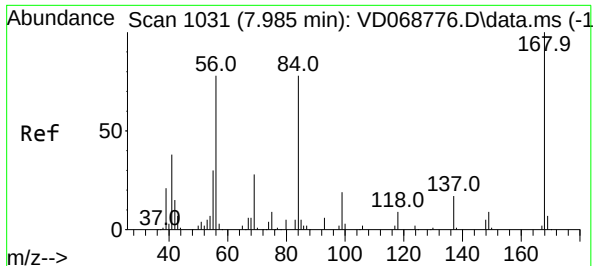
Tgt Ion: 76 Resp: 130988
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#25
2-Butanone
Concen: 3.95 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

Tgt Ion: 43 Resp: 2244
Ion Ratio Lower Upper
43 100
72 21.6 28.6 43.0#

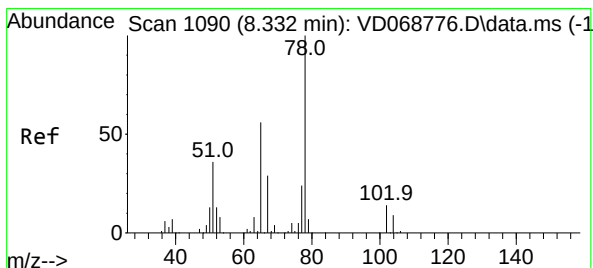
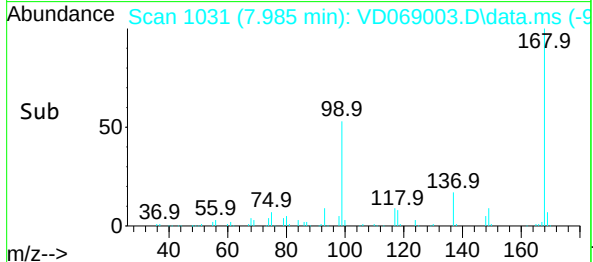
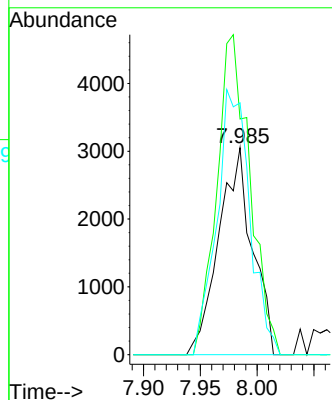
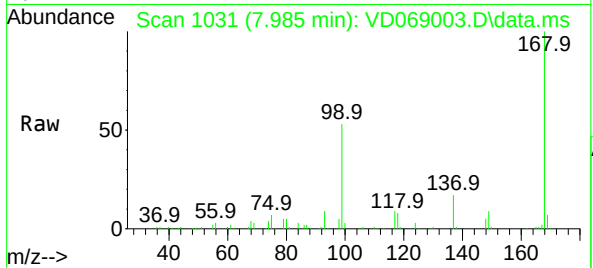




#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

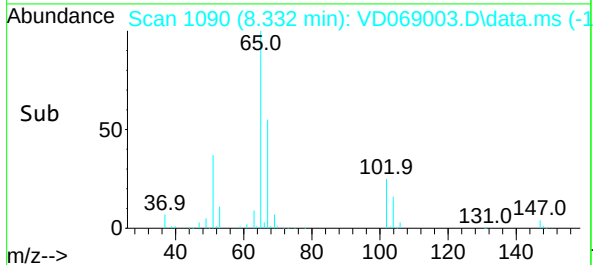
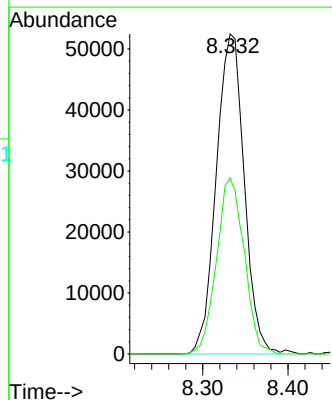
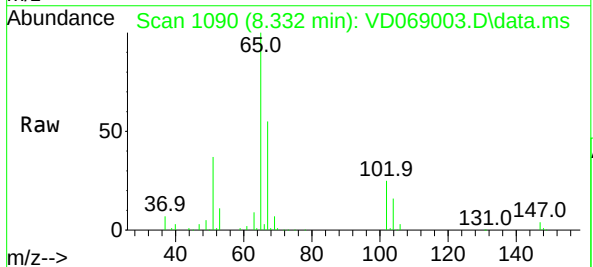
Instrument :
MSVOA_D
ClientSampled :

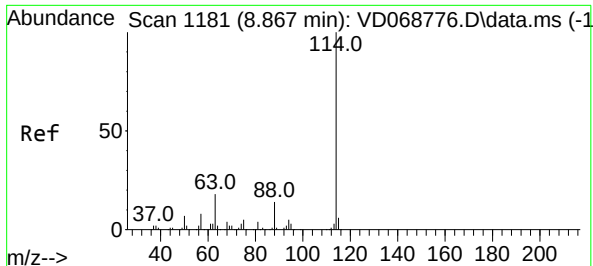
Tgt Ion: 56 Resp: 6292
Ion Ratio Lower Upper
56 100
69 113.8 30.0 45.0#
84 121.6 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 41.25 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

Tgt Ion: 65 Resp: 119665
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.0



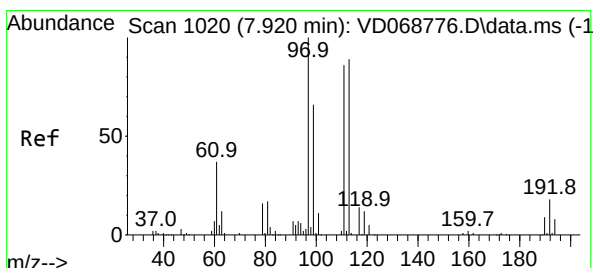
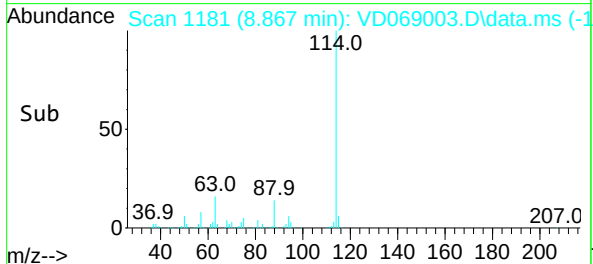
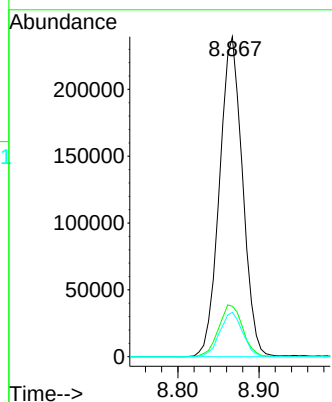
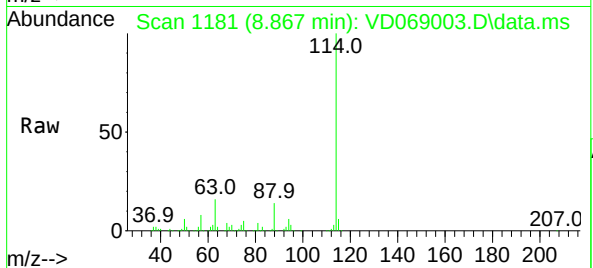


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

Instrument :
MSVOA_D
ClientSampled :

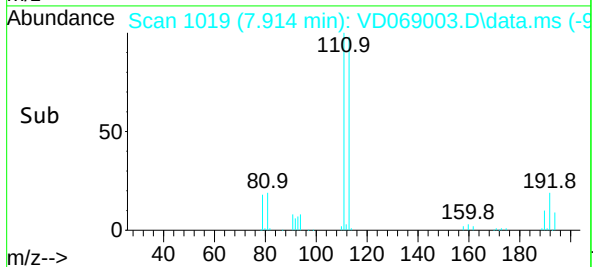
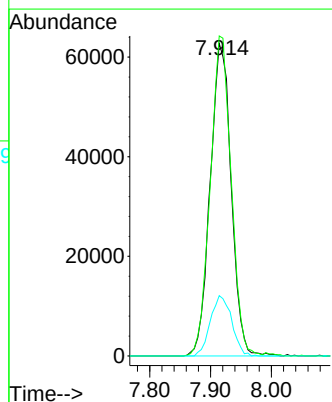
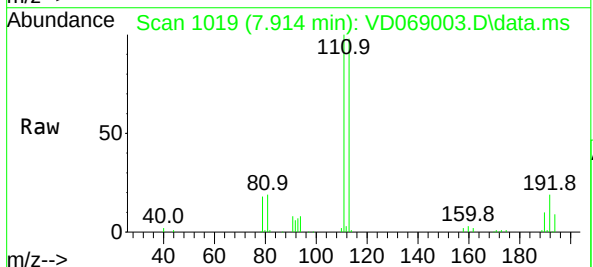
Tgt Ion:114 Resp: 472077
Ion Ratio Lower Upper
114 100
63 15.7 0.0 38.2
88 13.8 0.0 29.4

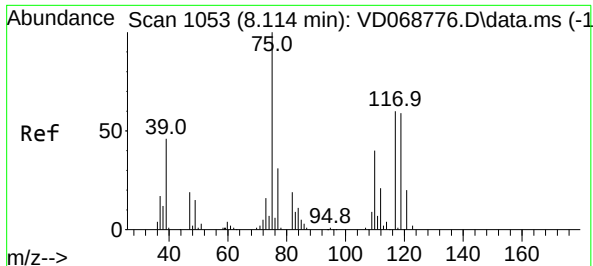


#35

Dibromofluoromethane
Concen: 48.97 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

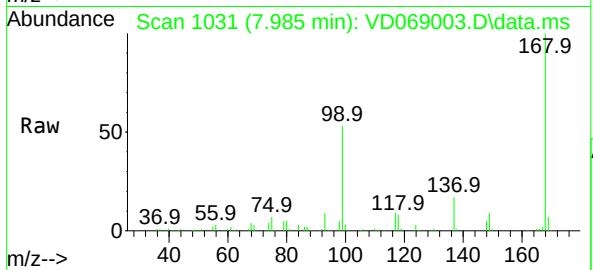
Tgt Ion:113 Resp: 150377
Ion Ratio Lower Upper
113 100
111 101.7 82.5 123.7
192 19.6 15.1 22.7



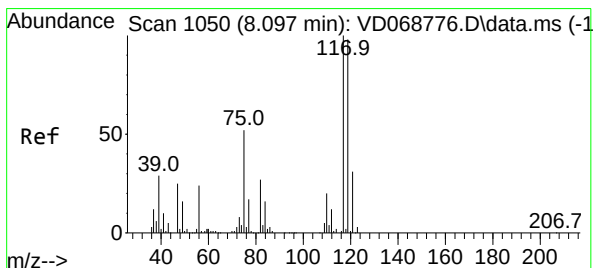
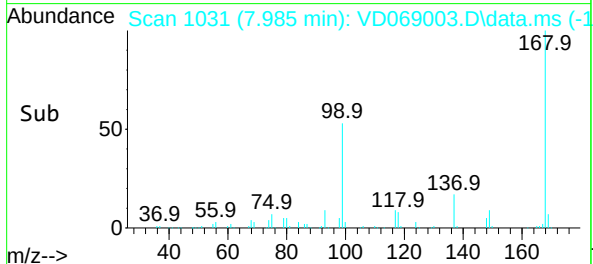
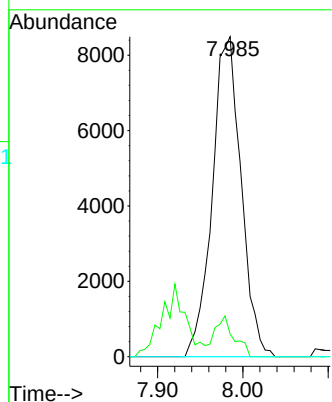


#36
1,1-Dichloropropene
Concen: 4.17 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

Instrument :
MSVOA_D
ClientSampled :

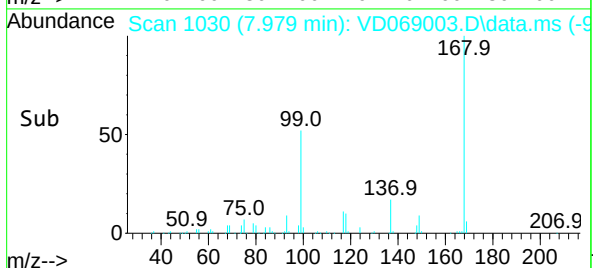
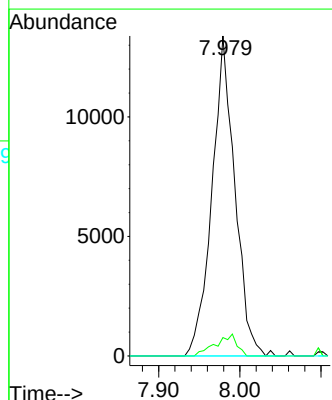
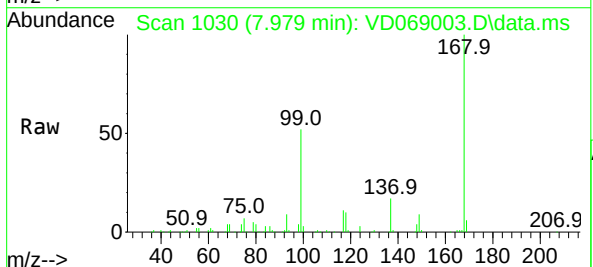


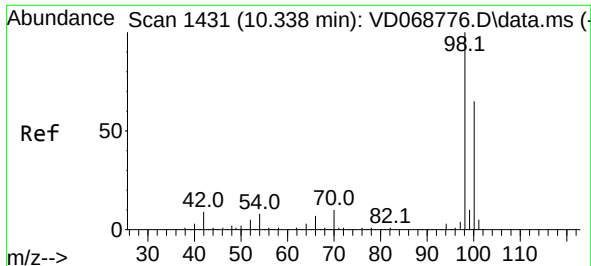
Tgt Ion: 75 Resp: 19924
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

Tgt Ion: 117 Resp: 26258
Ion Ratio Lower Upper
117 100
119 5.8 76.6 115.0#
121 0.0 26.1 39.1#

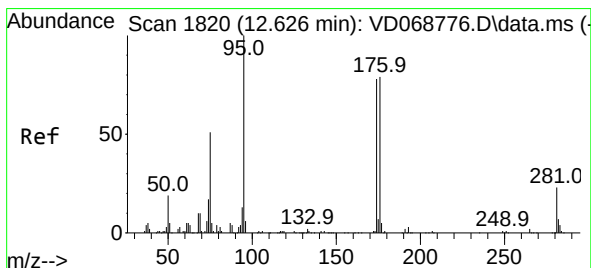
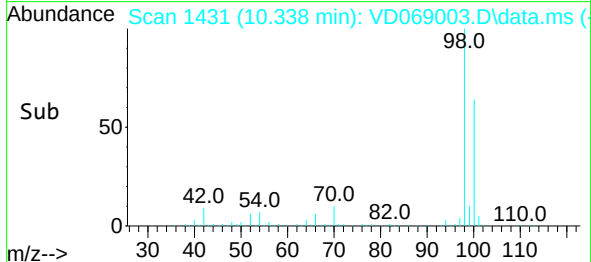
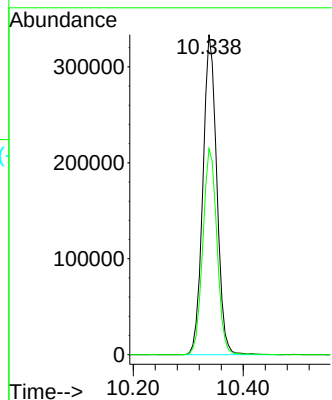
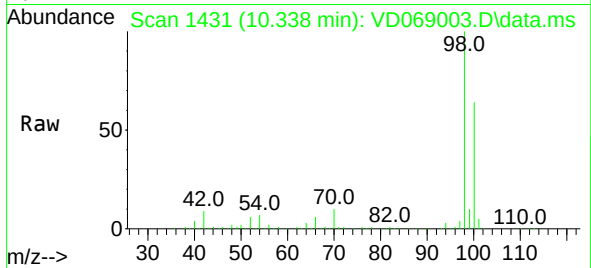




#50
Toluene-d8
Concen: 50.39 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

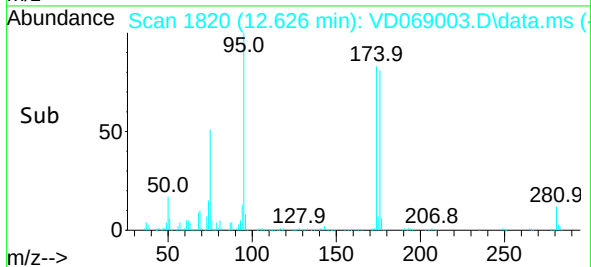
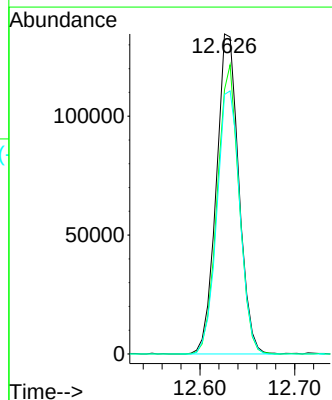
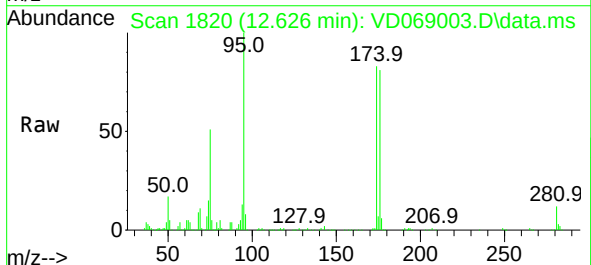
Instrument :
MSVOA_D
ClientSampleId :

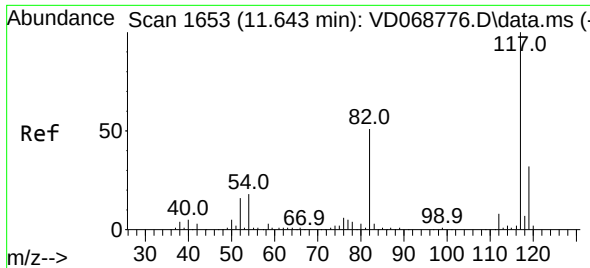
Tgt Ion: 98 Resp: 583645
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.67 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

Tgt Ion: 95 Resp: 221856
Ion Ratio Lower Upper
95 100
174 87.2 0.0 168.0
176 84.1 0.0 160.2

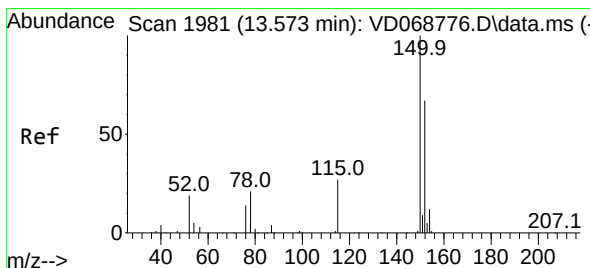
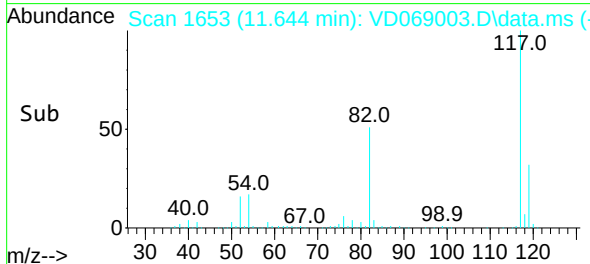
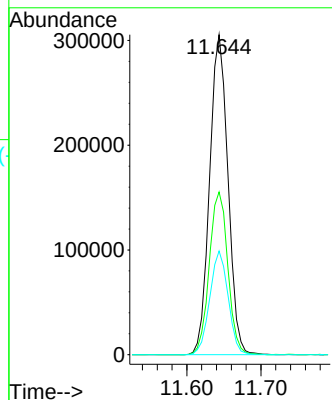
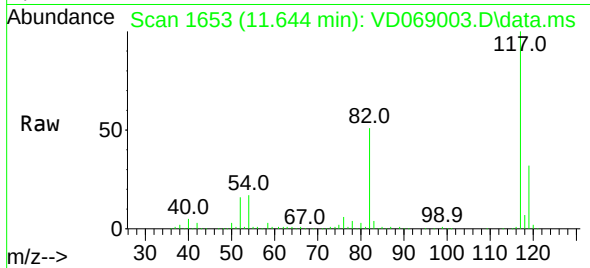




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

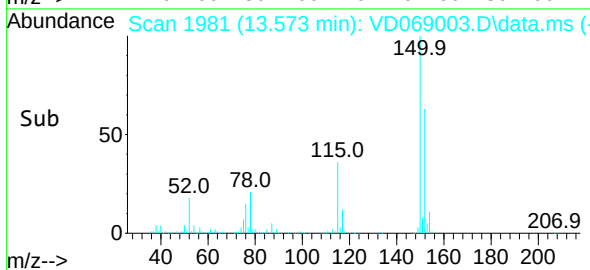
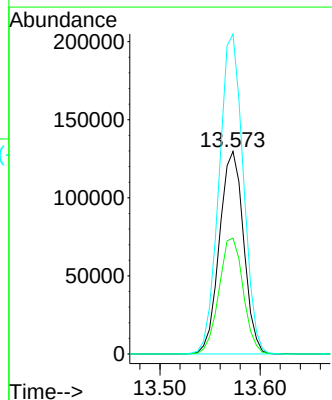
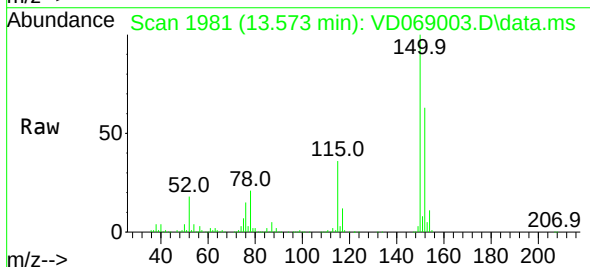
Instrument :
MSVOA_D
ClientSampled :

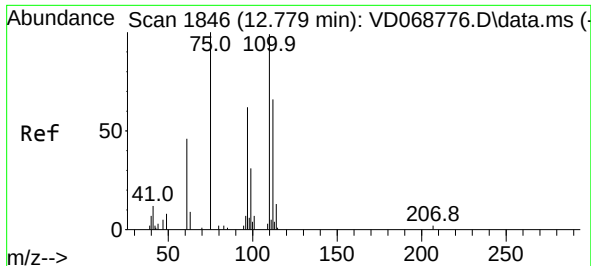
Tgt Ion:117 Resp: 525172
Ion Ratio Lower Upper
117 100
82 50.8 43.5 65.3
119 32.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

Tgt Ion:152 Resp: 216929
Ion Ratio Lower Upper
152 100
115 57.5 29.3 87.8
150 158.4 0.0 347.6

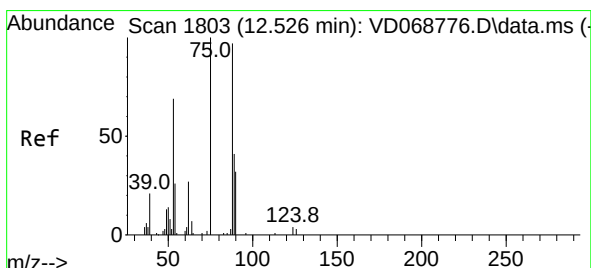
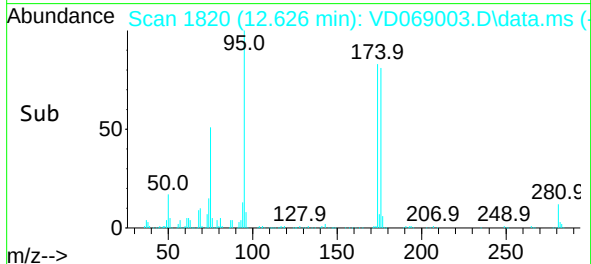
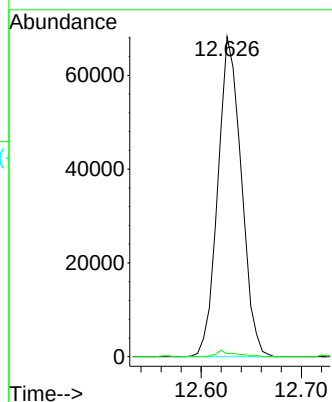
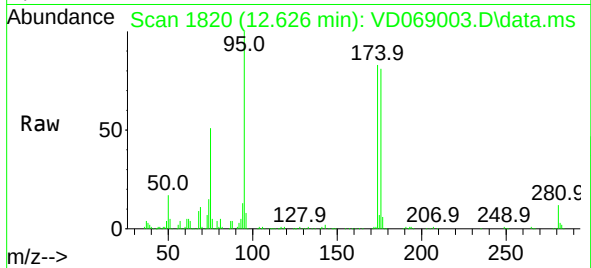




#76
1,2,3-Trichloropropane
Concen: 55.84 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 110671
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.60 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069003.D
Acq: 28 Apr 2021 14:43

Tgt Ion: 75 Resp: 110671
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 36.6 54.8#

