

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069299.D
 Acq On : 02 Jun 2021 14:08
 Operator : VA/SY
 Sample : M2585-01
 Misc : 5.58G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 03 01:08:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 02 02:17:36 2021
 Response via : Initial Calibration

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

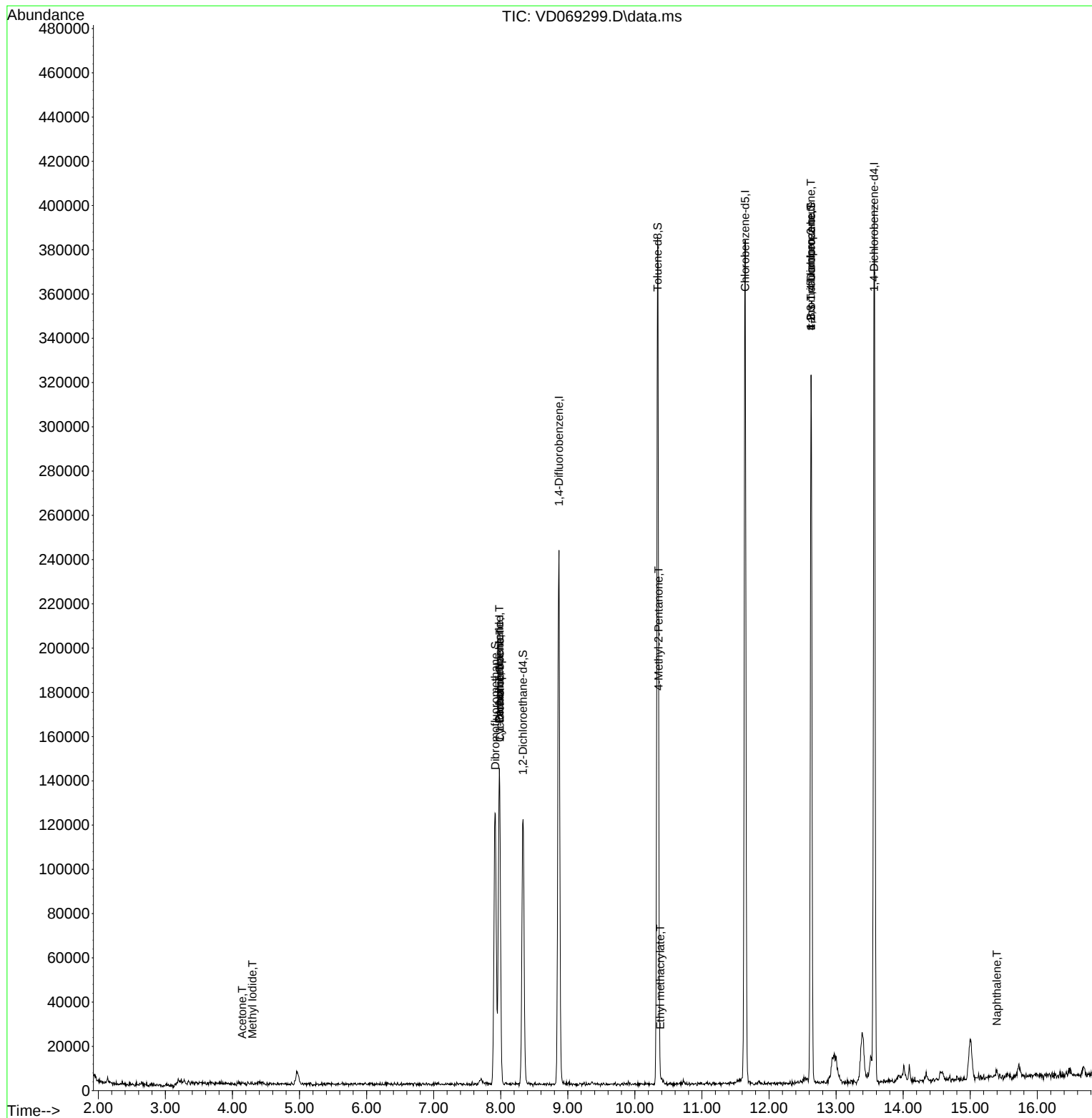
Internal Standards						
1) Pentafluorobenzene	7.979	168	106704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	213126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	233656	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	111776	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	100167	97.83	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 195.66%#			
35) Dibromofluoromethane	7.920	113	92113	68.82	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 137.64%			
50) Toluene-d8	10.338	98	270928	55.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.34%			
62) 4-Bromofluorobenzene	12.626	95	93395	58.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.12%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	75	2.57	ug/l #	39
16) Acetone	4.144	43	451	2.52	ug/l #	40
20) Methylene Chloride	4.956	84	4719	Below Cal	#	88
31) Cyclohexane	7.985	56	2493	1.53	ug/l #	9
36) 1,1-Dichloropropene	7.985	75	8872	4.28	ug/l #	45
38) Carbon Tetrachloride	7.979	117	11418	5.10	ug/l #	14
51) 4-Methyl-2-Pentanone	10.355	43	981	1.48	ug/l #	1
56) Ethyl methacrylate	10.379	69	55	2.68	ug/l #	31
76) 1,2,3-Trichloropropane	12.626	75	45610	46.97	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	45610	104.07	ug/l #	18
95) Naphthalene	15.396	128	3887	4.25	ug/l #	91

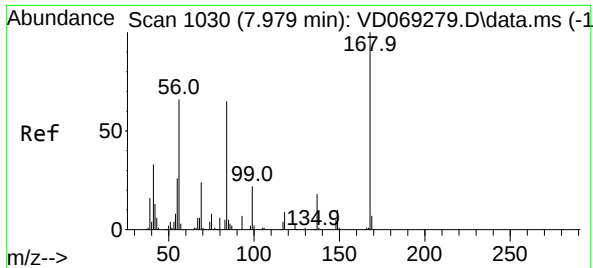
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 03 01:08:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 02 02:17:36 2021
Response via : Initial Calibration

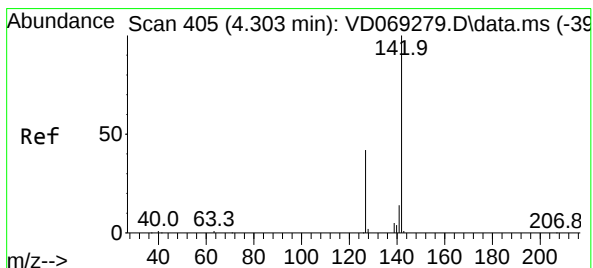
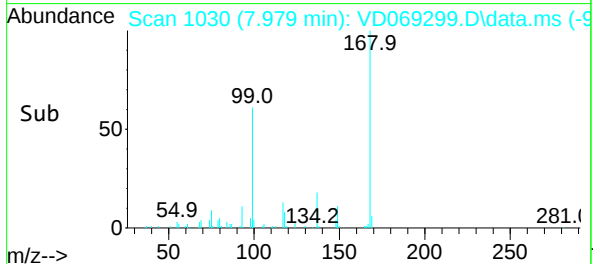
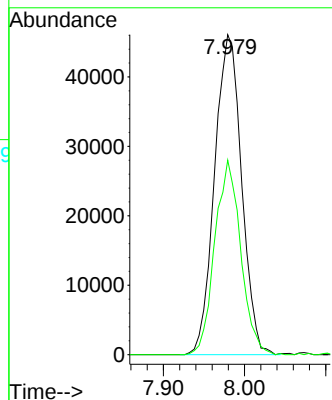
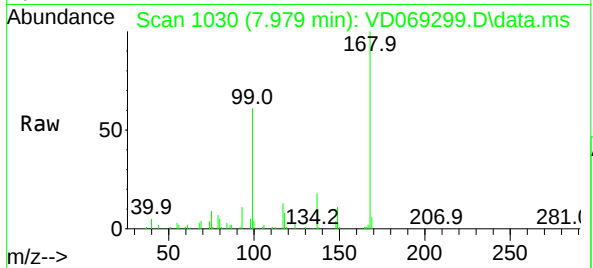




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

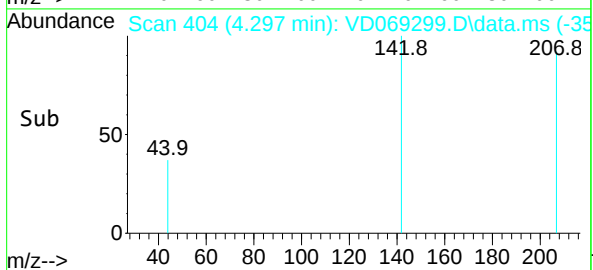
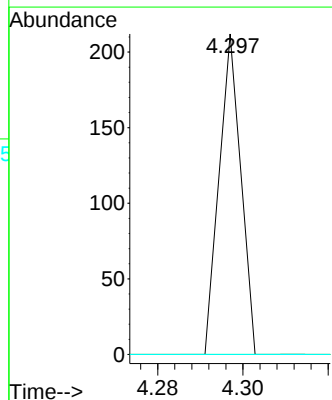
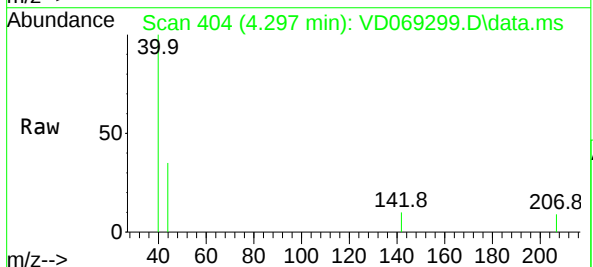
Instrument :
MSVOA_D
ClientSampleId :

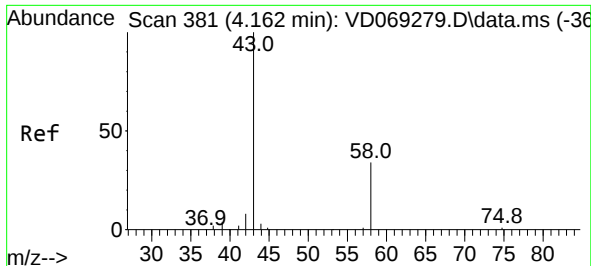
Tgt Ion:168 Resp: 106704
Ion Ratio Lower Upper
168 100
99 60.8 46.2 69.2



#10
Methyl Iodide
Concen: 2.57 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

Tgt Ion:142 Resp: 75
Ion Ratio Lower Upper
142 100
127 0.0 36.2 54.2#
141 0.0 12.2 18.2#

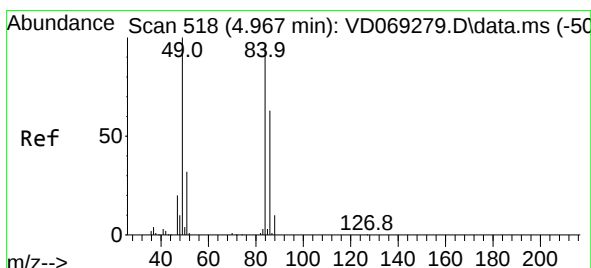
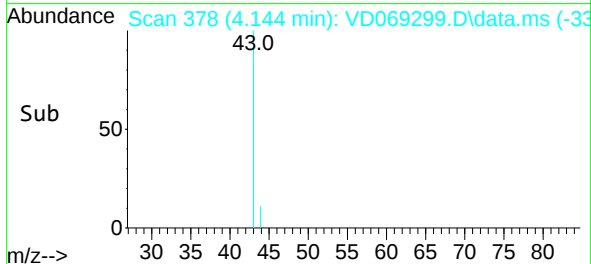
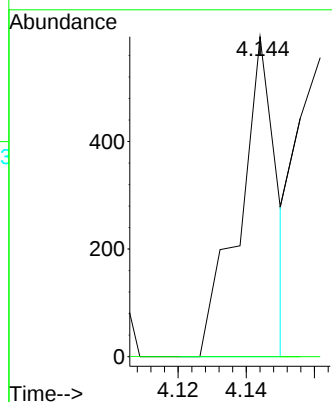
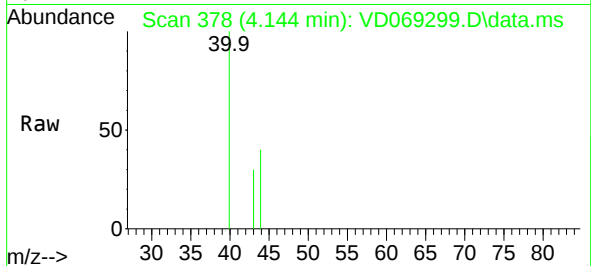




#16
Acetone
Concen: 2.52 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.018 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

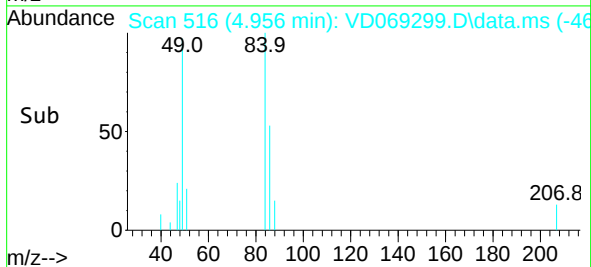
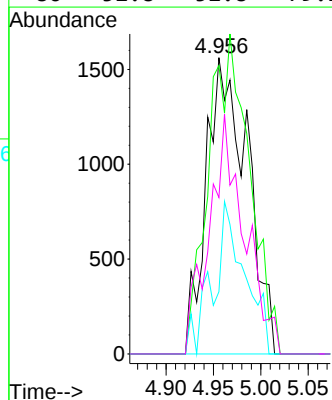
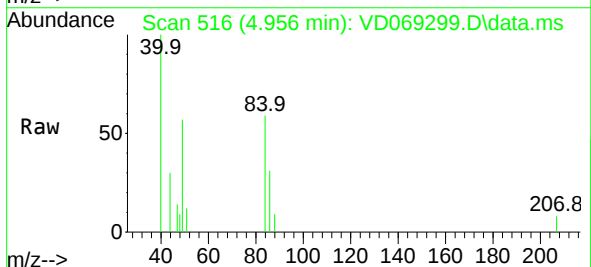
Instrument :
MSVOA_D
ClientSampled :

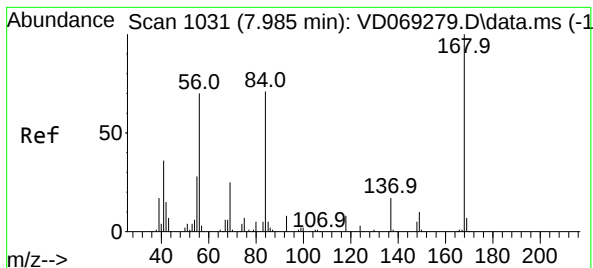
Tgt Ion: 43 Resp: 451
Ion Ratio Lower Upper
43 100
58 0.0 27.5 41.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.011 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

Tgt Ion: 84 Resp: 4719
Ion Ratio Lower Upper
84 100
49 97.3 83.7 125.5
51 21.0 26.4 39.6#
86 52.8 52.8 79.2

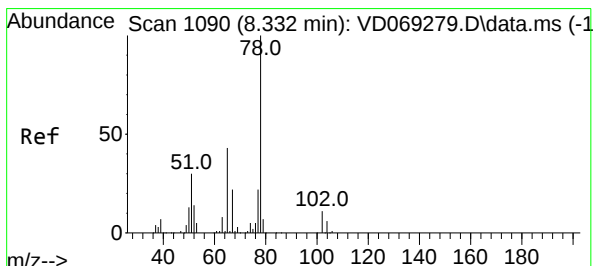
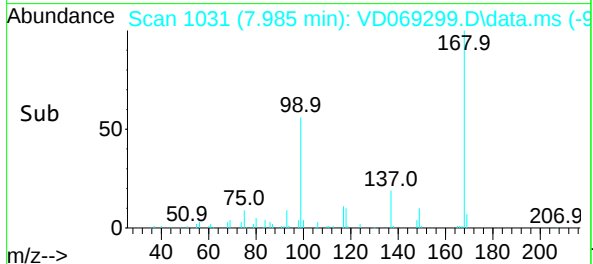
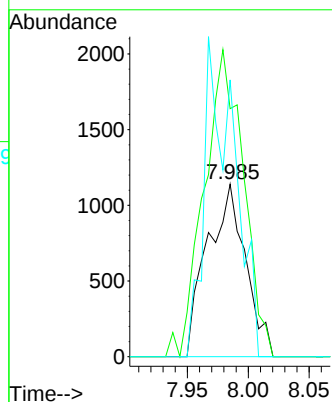
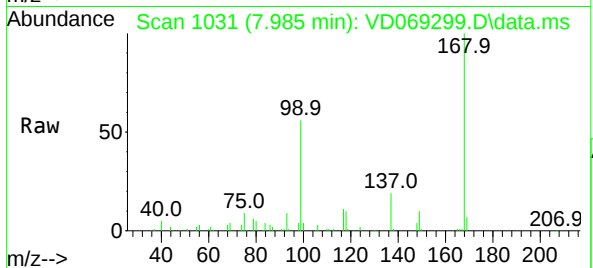




#31
Cyclohexane
Concen: 1.53 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

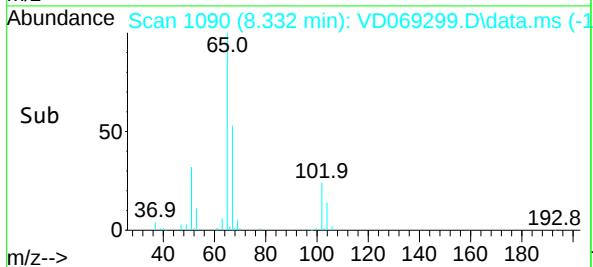
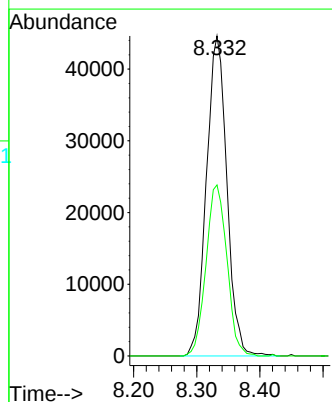
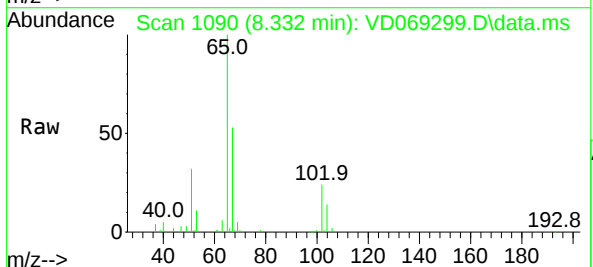
Instrument :
MSVOA_D
ClientSampleId :

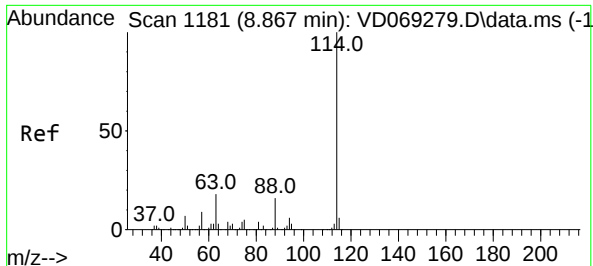
Tgt Ion: 56 Resp: 2493
Ion Ratio Lower Upper
56 100
69 143.7 29.0 43.4#
84 160.4 81.1 121.7#



#33
1,2-Dichloroethane-d4
Concen: 97.83 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

Tgt Ion: 65 Resp: 100167
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.8



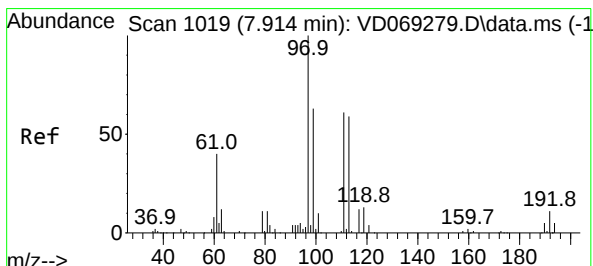
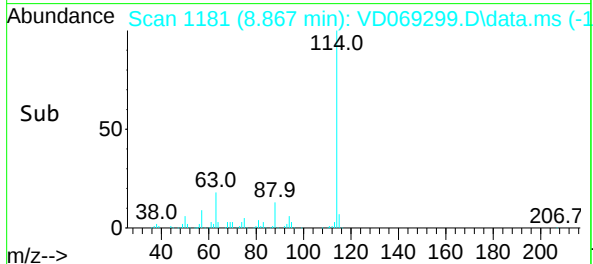
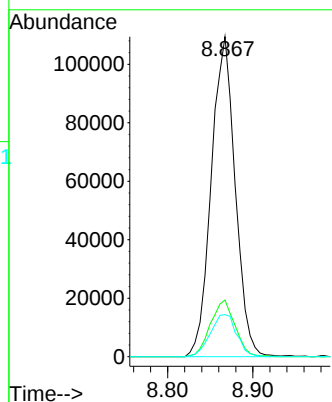
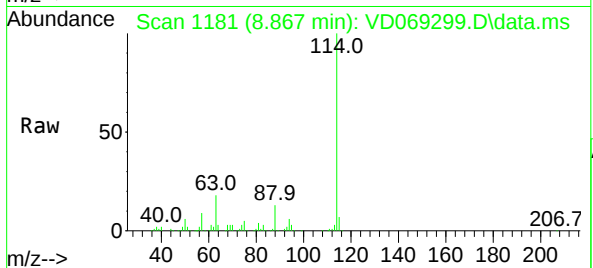


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

Instrument :
MSVOA_D
ClientSampled :

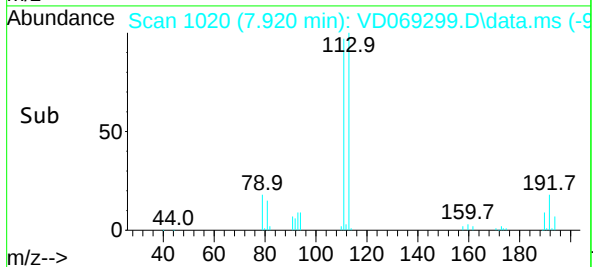
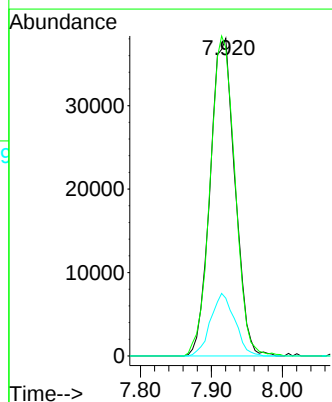
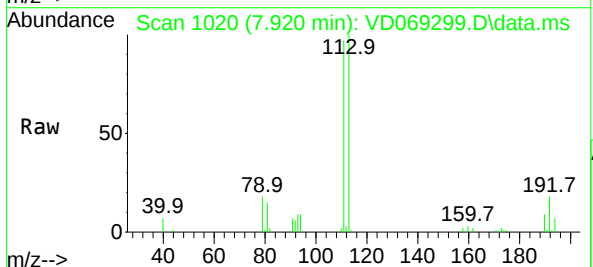
Tgt Ion:114 Resp: 213126
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.6
88 13.2 0.0 31.2

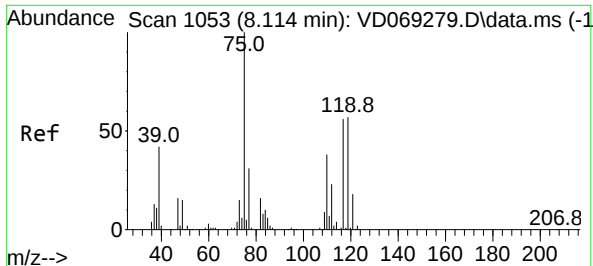


#35

Dibromofluoromethane
Concen: 68.82 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

Tgt Ion:113 Resp: 92113
Ion Ratio Lower Upper
113 100
111 100.7 83.0 124.6
192 19.3 15.1 22.7

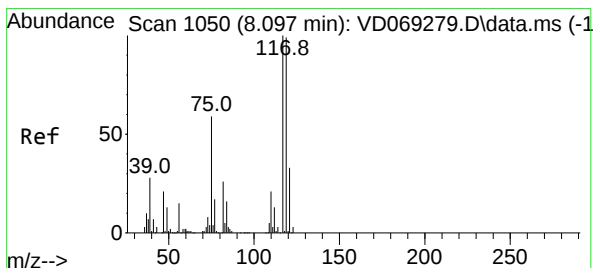
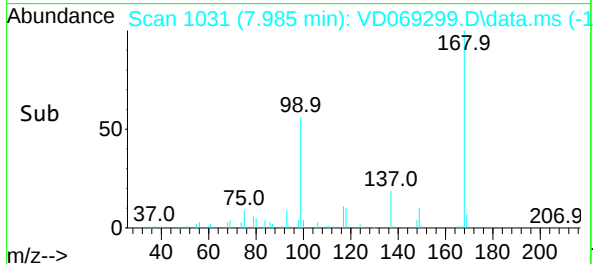
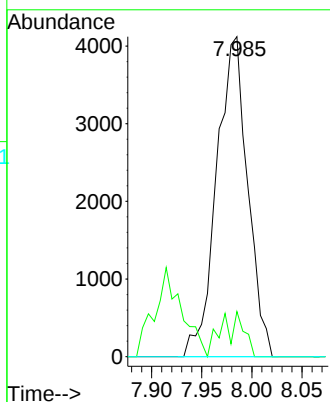
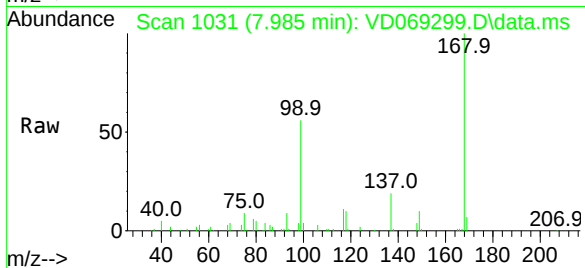




#36
1,1-Dichloropropene
Concen: 4.28 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

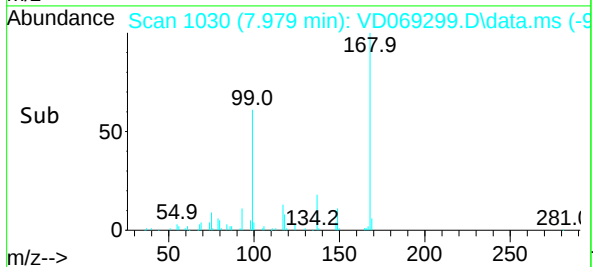
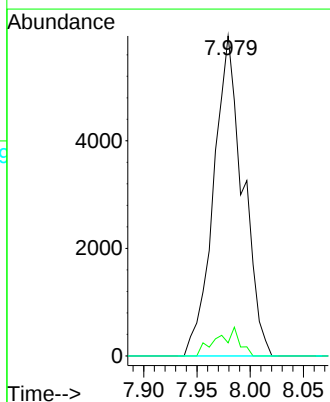
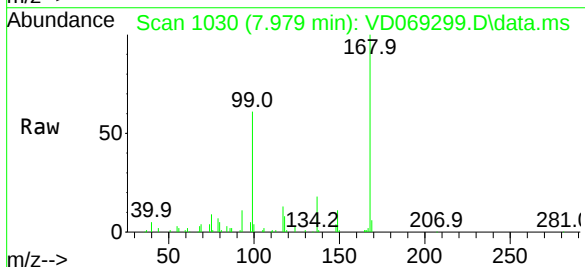
Instrument :
MSVOA_D
ClientSampleId :

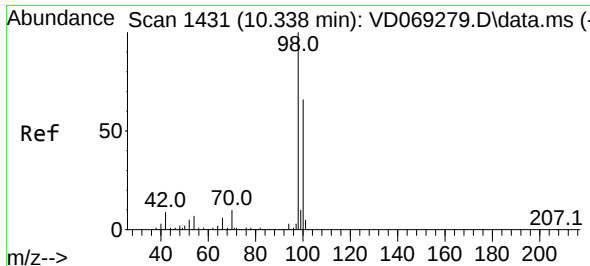
Tgt Ion: 75 Resp: 8872
Ion Ratio Lower Upper
75 100
110 5.2 18.4 55.2#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.10 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

Tgt Ion: 117 Resp: 11418
Ion Ratio Lower Upper
117 100
119 4.1 79.4 119.2#
121 0.0 26.1 39.1#

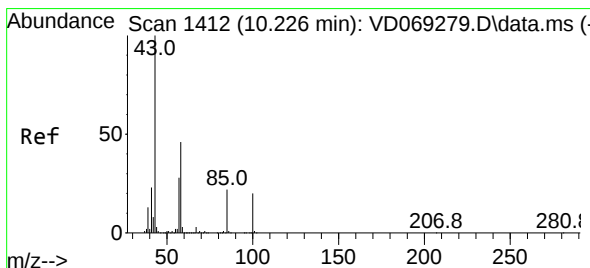
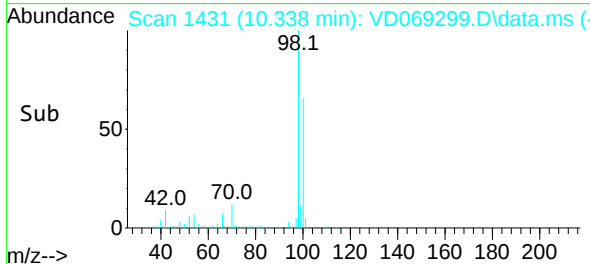
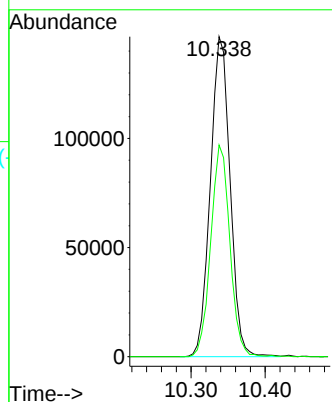
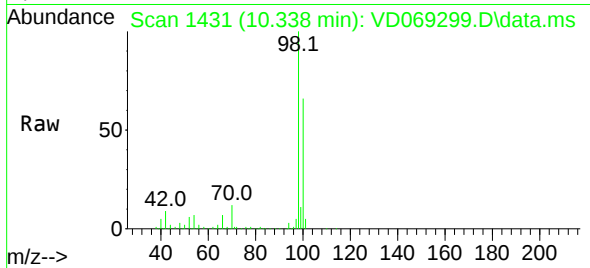




#50
Toluene-d8
Concen: 55.67 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

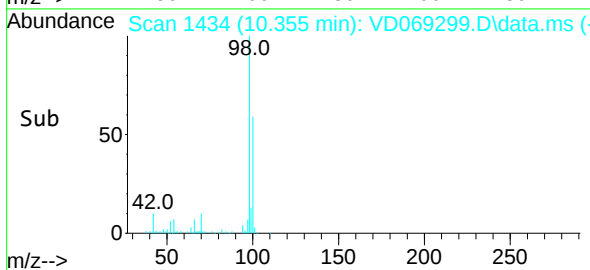
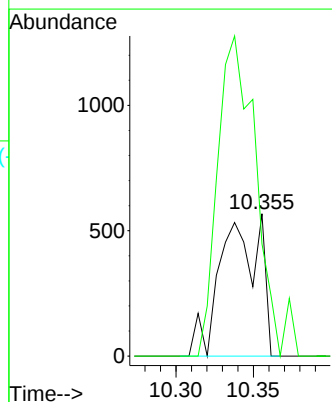
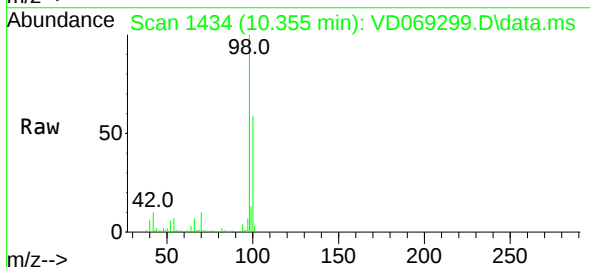
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MSVOA_D
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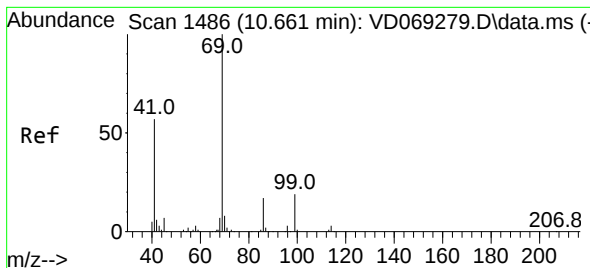
Tgt Ion: 98 Resp: 270928
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.48 ug/l
RT: 10.355 min Scan# 1434
Delta R.T. 0.130 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
58 225.7 35.1 52.7#

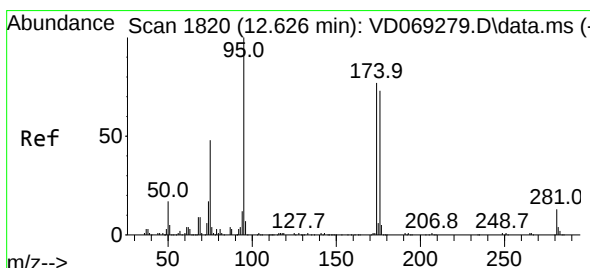
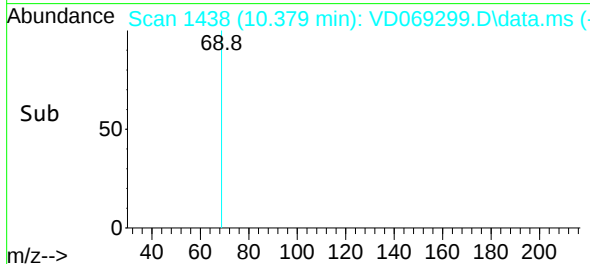
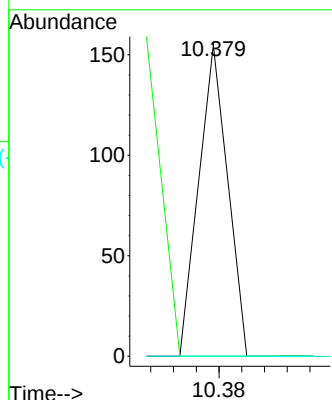
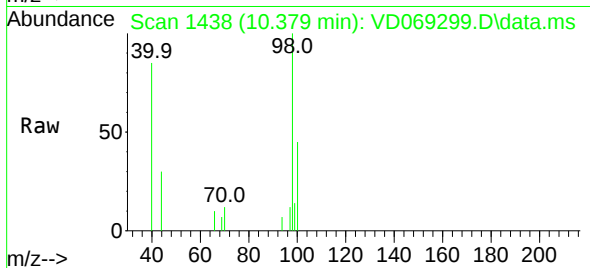




#56
Ethyl methacrylate
Concen: 2.68 ug/l
RT: 10.379 min Scan# 1438
Delta R.T. -0.282 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

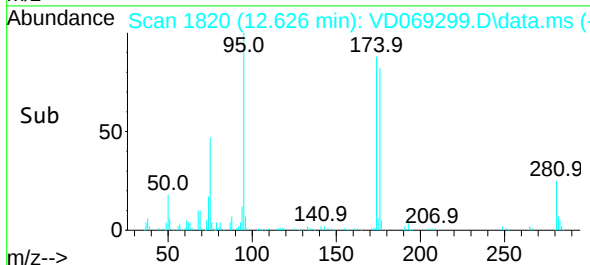
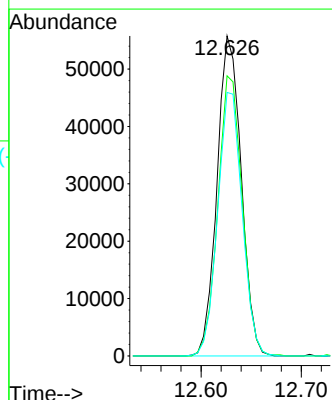
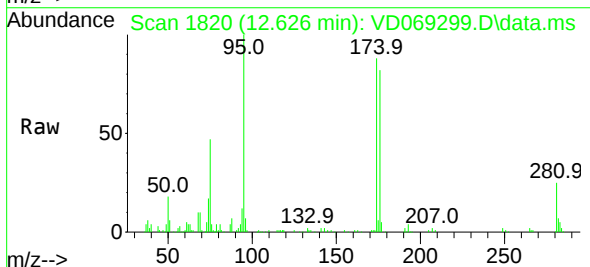
Instrument :
MSVOA_D
ClientSampleId :

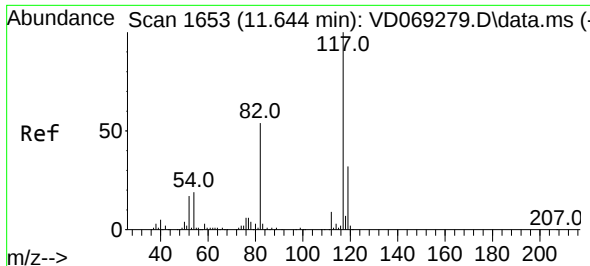
Tgt Ion: 69	Resp: 55
Ion Ratio	Lower Upper
69 100	
41 0.0	45.4 68.2#
39 0.0	21.7 32.5#



#62
4-Bromofluorobenzene
Concen: 58.56 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

Tgt Ion: 95	Resp: 93395
Ion Ratio	Lower Upper
95 100	
174 88.0	0.0 162.8
176 83.3	0.0 154.4

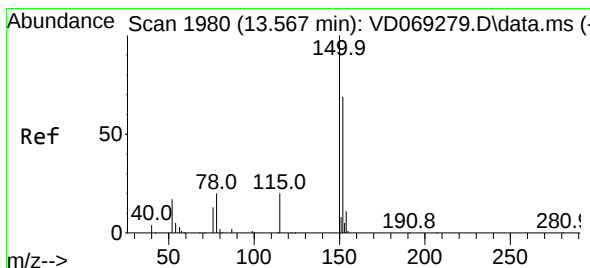
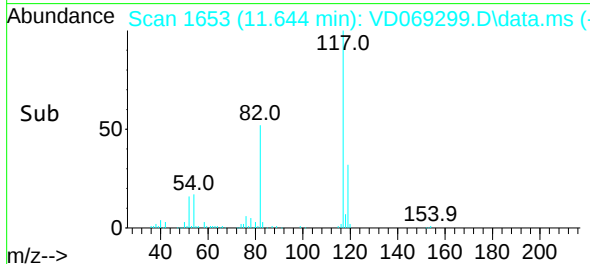
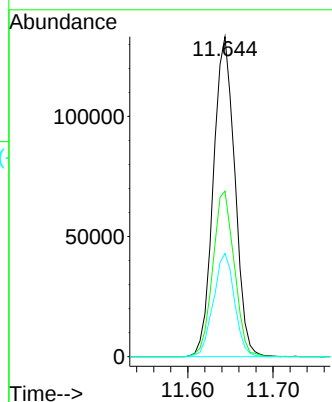
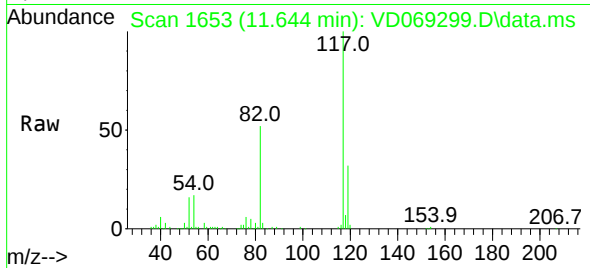




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

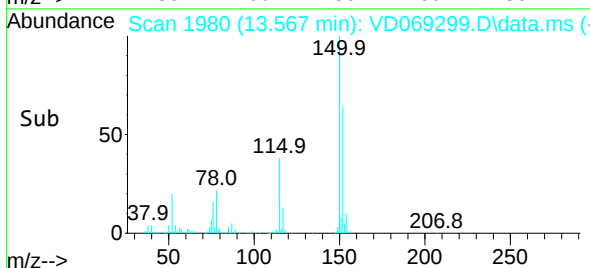
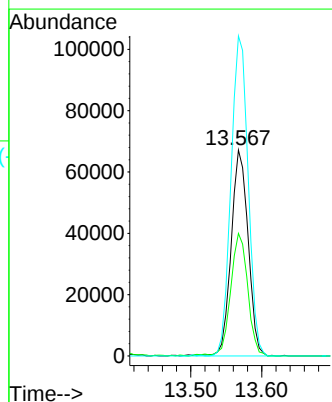
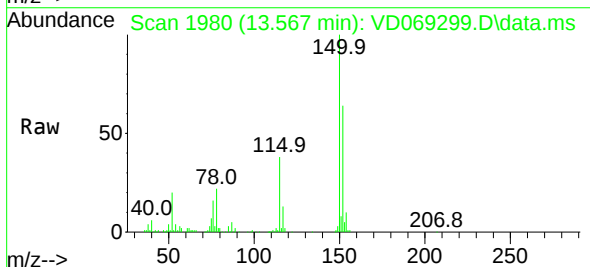
Instrument :
MSVOA_D
ClientSampleId :

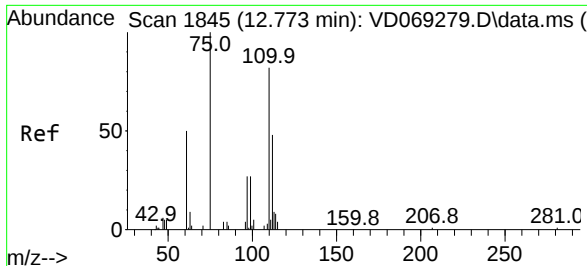
Tgt Ion:117 Resp: 233656
Ion Ratio Lower Upper
117 100
82 51.7 43.3 64.9
119 32.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

Tgt Ion:152 Resp: 111776
Ion Ratio Lower Upper
152 100
115 59.8 29.4 88.3
150 156.3 0.0 355.0

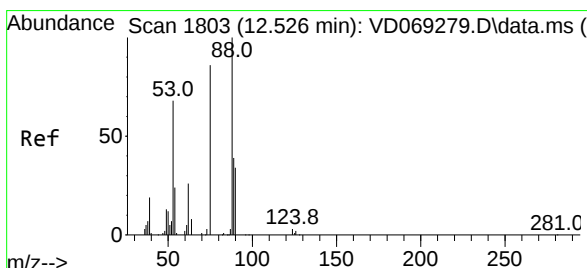
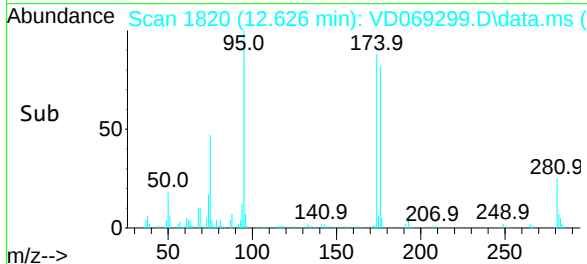
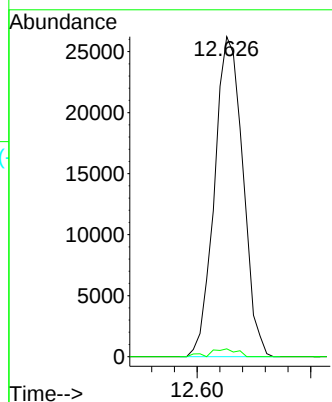
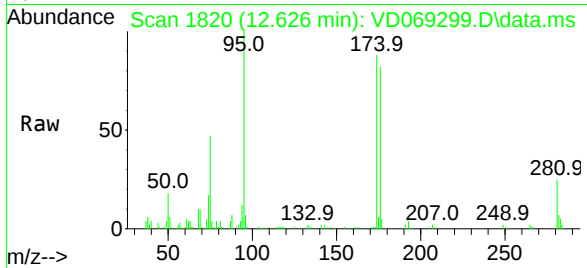




#76
1,2,3-Trichloropropane
Concen: 46.97 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

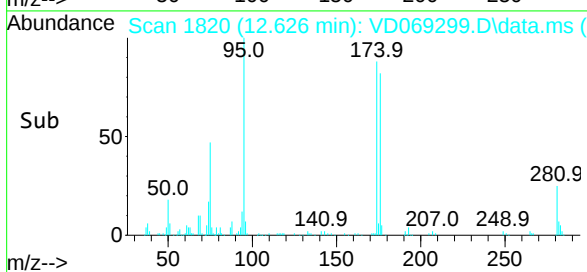
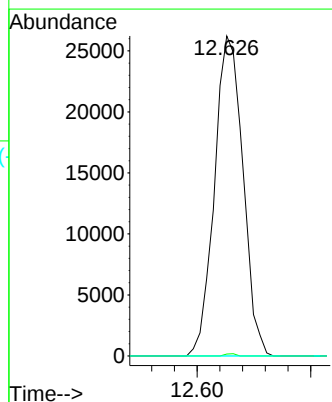
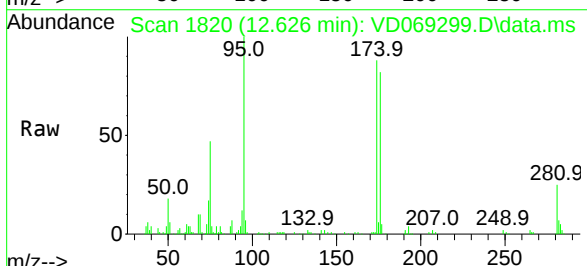
Instrument :
MSVOA_D
ClientSampleId :

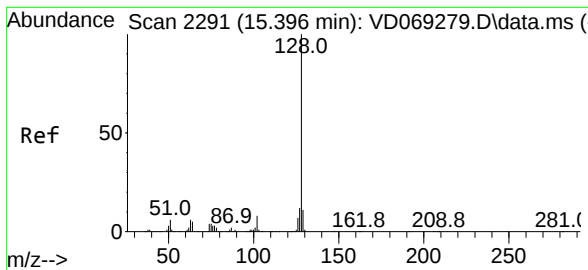
Tgt Ion: 75 Resp: 45610
Ion Ratio Lower Upper
75 100
77 2.4 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.07 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

Tgt Ion: 75 Resp: 45610
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 0.0 35.6 53.4#





#95
Naphthalene
Concen: 4.25 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069299.D
Acq: 02 Jun 2021 14:08

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 3887
Ion Ratio Lower Upper
128 100
127 7.3 10.4 15.6#
129 9.8 8.8 13.2

