

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010521\
 Data File : VD068005.D
 Acq On : 05 Jan 2021 13:53
 Operator : VA/SY
 Sample : M1015-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 00:16:30 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)

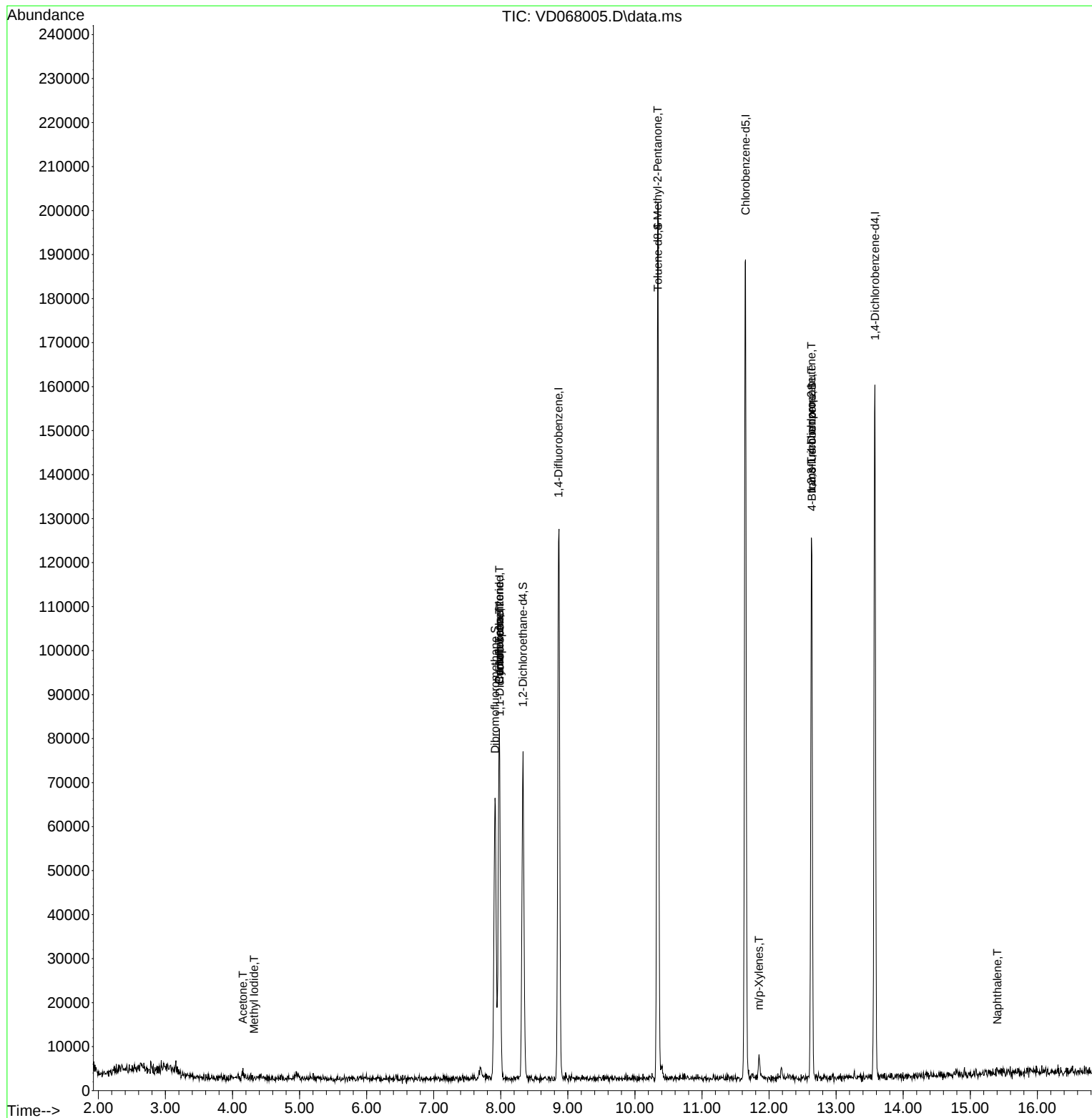
Internal Standards						
1) Pentafluorobenzene	7.979	168	55203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	102424	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	105181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	41249	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	54112	90.78	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 181.56%#			
35) Dibromofluoromethane	7.914	113	45742	70.88	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 141.76%			
50) Toluene-d8	10.344	98	130200	53.67	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.34%			
62) 4-Bromofluorobenzene	12.638	95	41225	49.68	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.36%			
Target Compounds						Qvalue
5) Bromomethane	2.779	94	200	Below Cal	#	1
10) Methyl Iodide	4.320	142	59	3.93	ug/l #	41
16) Acetone	4.156	43	2576	22.63	ug/l #	57
20) Methylene Chloride	4.967	84	361	Below Cal	#	34
31) Cyclohexane	7.979	56	1455	1.19	ug/l #	49
36) 1,1-Dichloropropene	7.985	75	5029	4.62	ug/l #	46
38) Carbon Tetrachloride	7.979	117	6376	6.13	ug/l #	12
51) 4-Methyl-2-Pentanone	10.338	43	428	1.02	ug/l #	1
68) m/p-Xylenes	11.849	106	1648	1.07	ug/l	95
76) 1,2,3-Trichloropropane	12.632	75	21339	61.44	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	21339	125.95	ug/l #	12
95) Naphthalene	15.402	128	1593	1.30	ug/l #	83

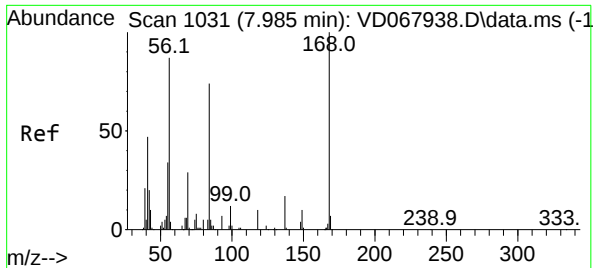
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010521\
Data File : VD068005.D
Acq On : 05 Jan 2021 13:53
Operator : VA/SY
Sample : M1015-01
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 06 00:16:30 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

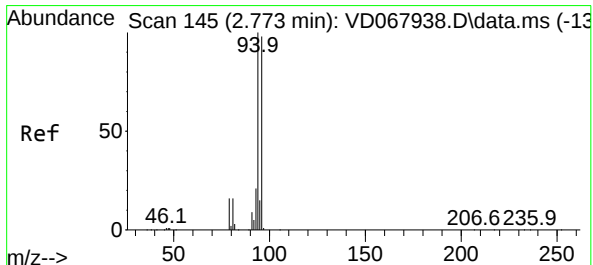
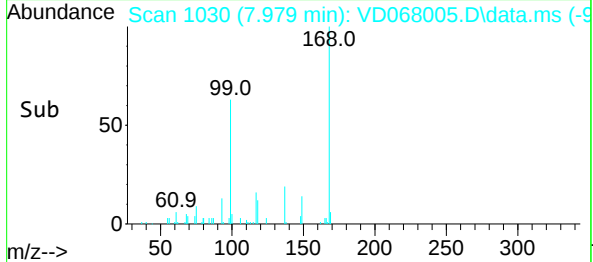
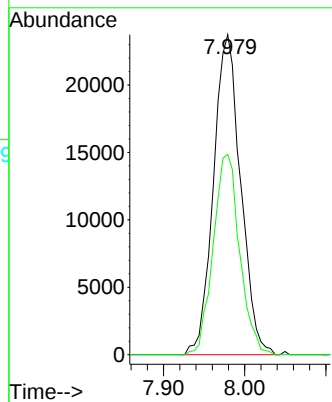
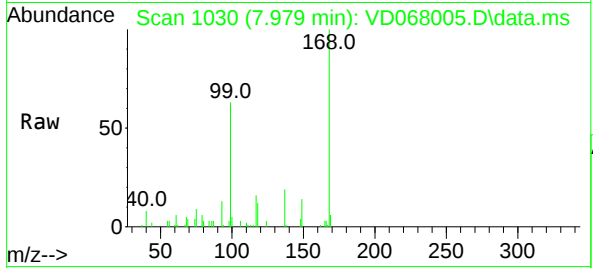




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

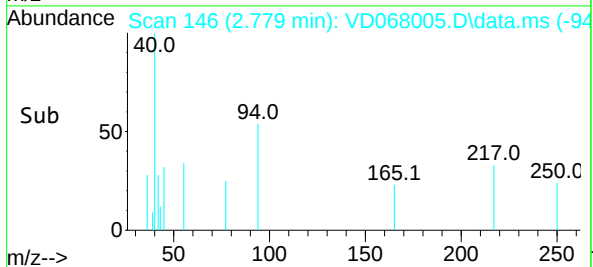
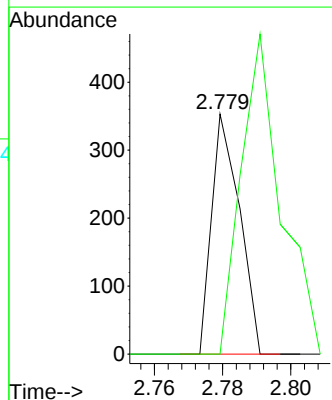
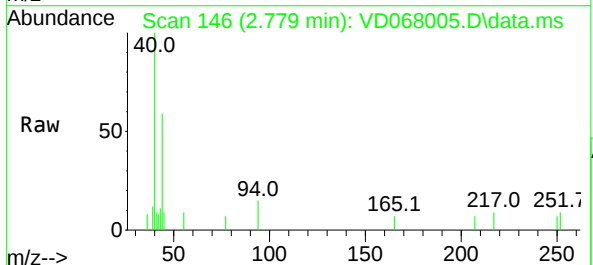
Instrument :
MSVOA_D
ClientSampled :

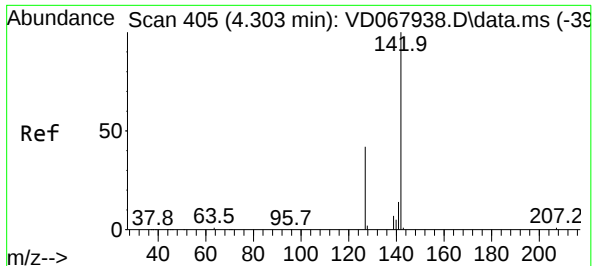
Tgt Ion:168 Resp: 55203
Ion Ratio Lower Upper
168 100
99 62.7 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

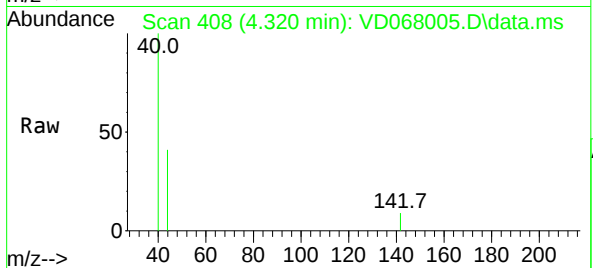
Tgt Ion: 94 Resp: 200
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



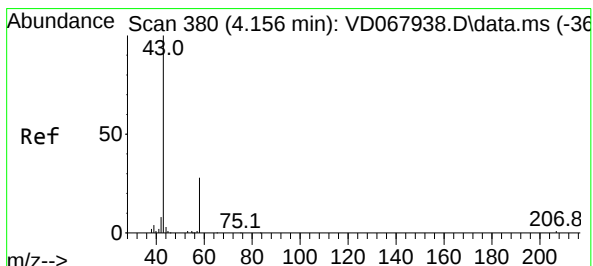
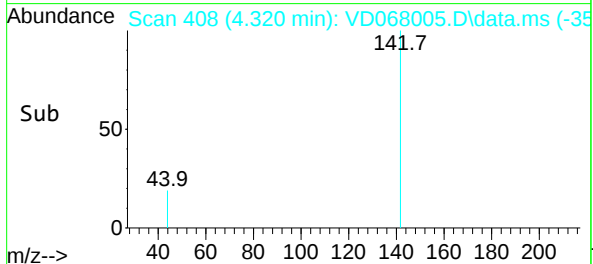
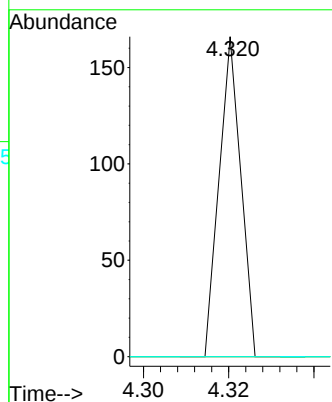


#10
Methyl Iodide
Concen: 3.93 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

Instrument :
MSVOA_D
ClientSampled :

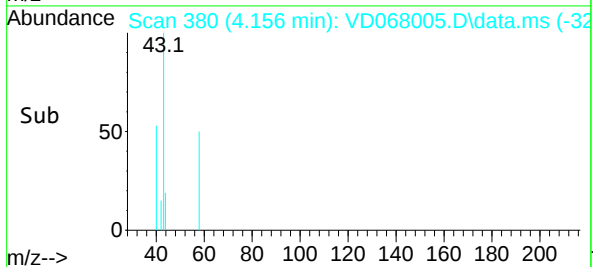
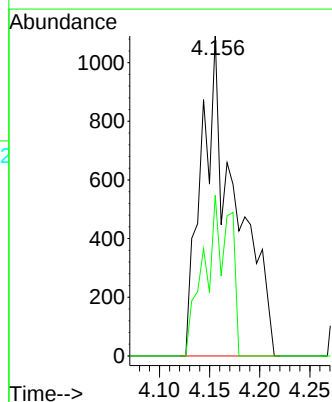
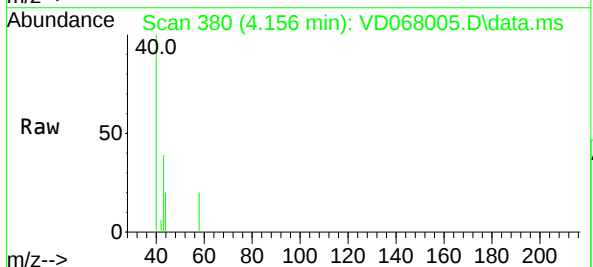


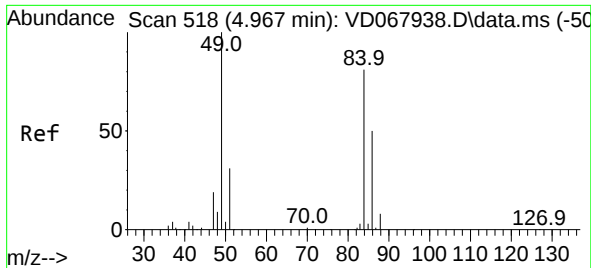
Tgt Ion:142 Resp: 59
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 22.63 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

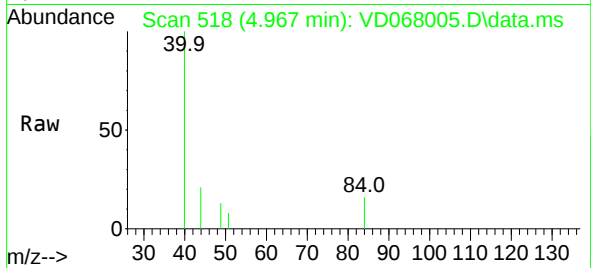
Tgt Ion: 43 Resp: 2576
Ion Ratio Lower Upper
43 100
58 50.2 22.3 33.5#



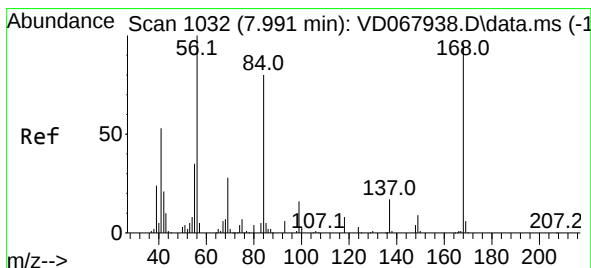
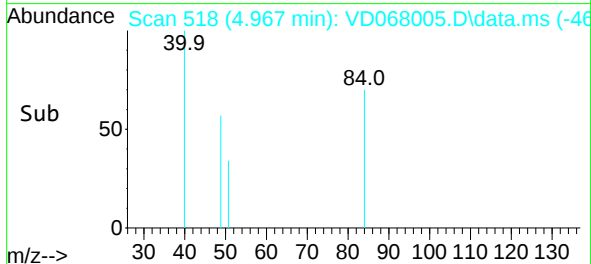
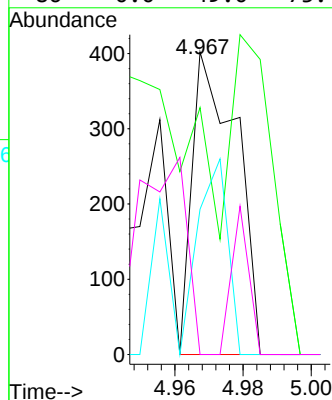


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

Instrument :
MSVOA_D
ClientSampled :

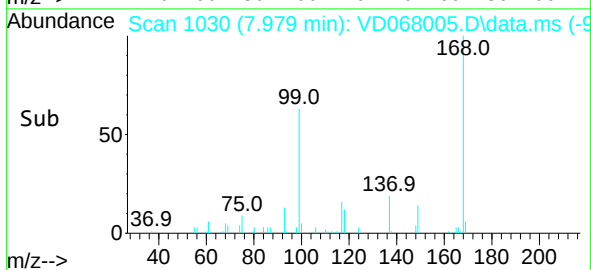
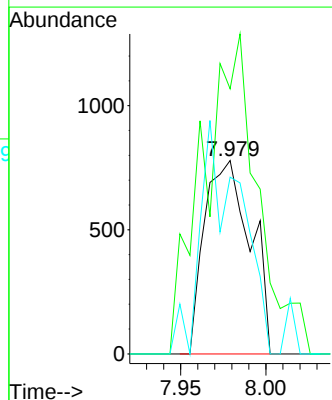
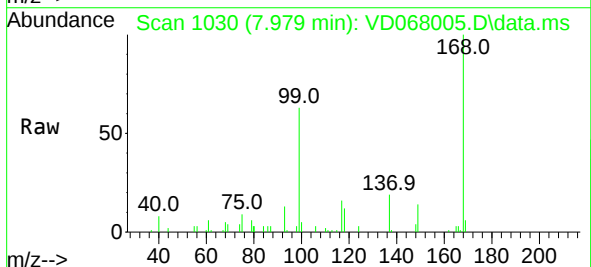


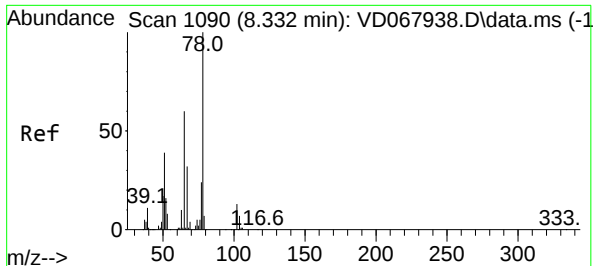
Tgt Ion:	84	Resp:	361
Ion	Ratio	Lower	Upper
84	100		
49	38.3	98.3	147.5#
51	48.0	30.3	45.5#
86	0.0	49.0	73.4#



#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

Tgt Ion:	56	Resp:	1455
Ion	Ratio	Lower	Upper
56	100		
69	113.6	22.7	34.1#
84	91.4	64.2	96.4

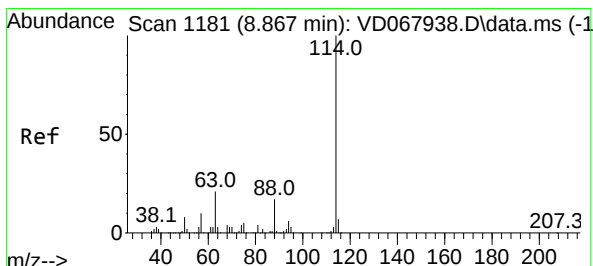
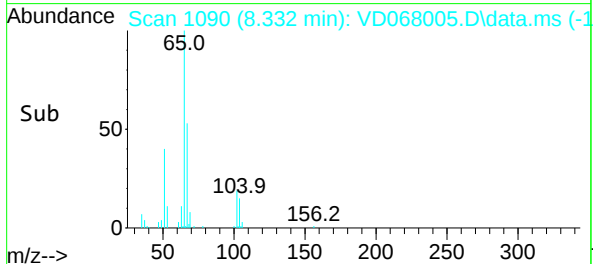
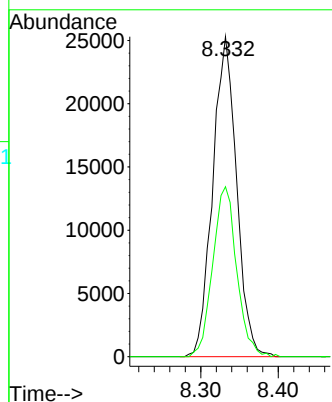
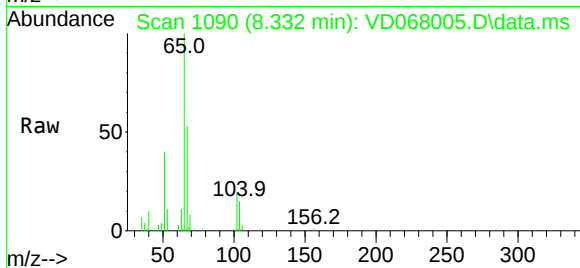




#33
1,2-Dichloroethane-d4
Concen: 90.78 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

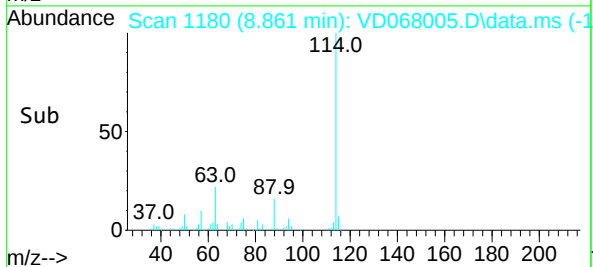
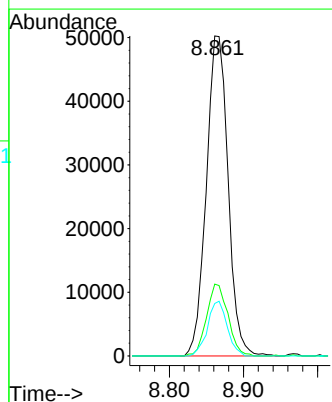
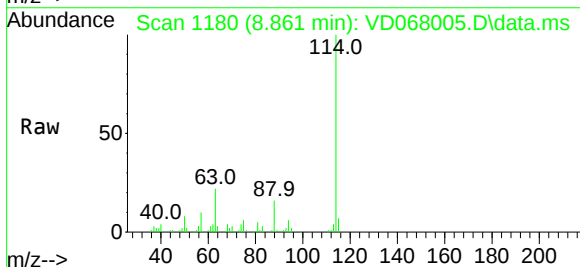
Instrument :
MSVOA_D
ClientSampled :

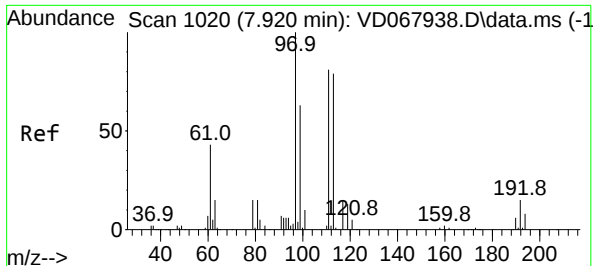
Tgt Ion: 65 Resp: 54112
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

Tgt Ion: 114 Resp: 102424
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.4
88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 70.88 ug/l

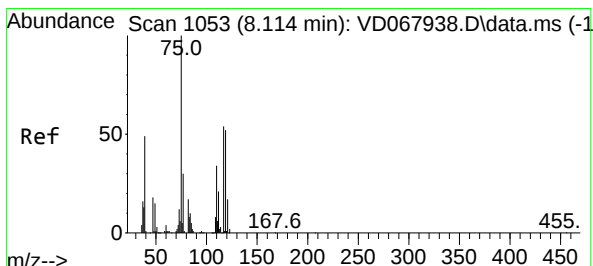
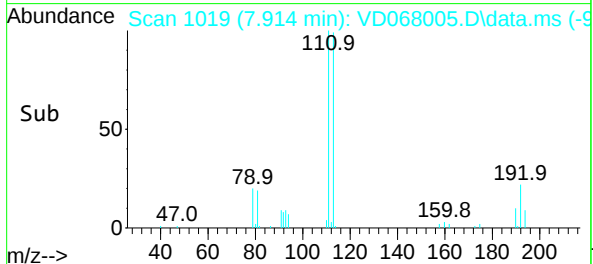
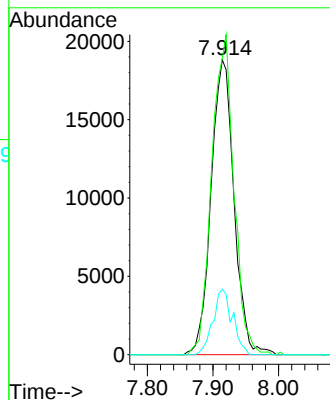
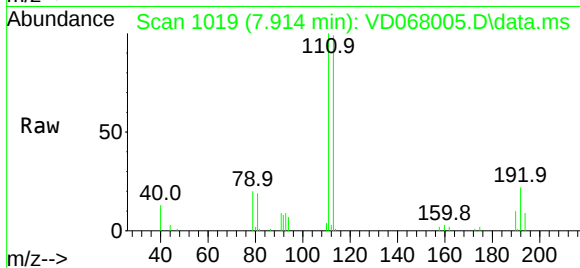
RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068005.D

Acq: 05 Jan 2021 13:53

Tgt Ion:	113	Resp:	45742
Ion	Ratio	Lower	Upper
113	100		
111	104.8	79.3	118.9
192	18.9	14.5	21.7



#36

1,1-Dichloropropene

Concen: 4.62 ug/l

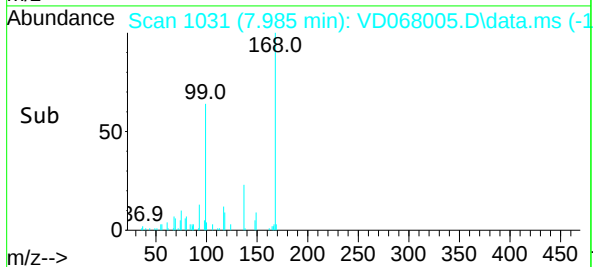
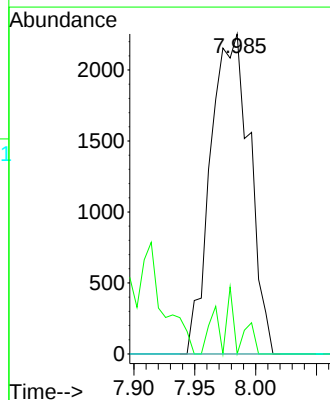
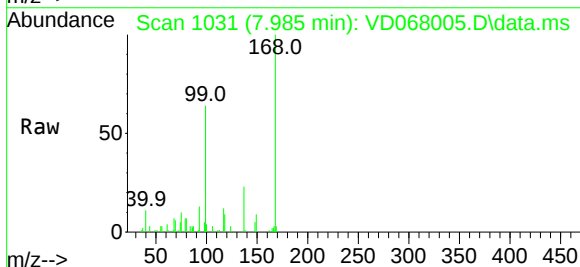
RT: 7.985 min Scan# 1031

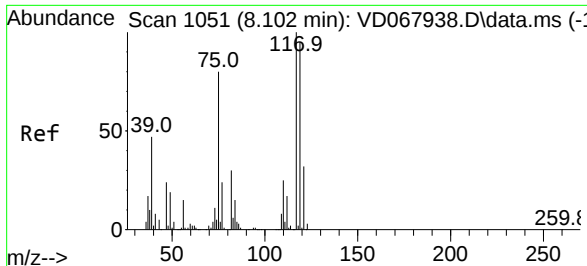
Delta R.T. -0.129 min

Lab File: VD068005.D

Acq: 05 Jan 2021 13:53

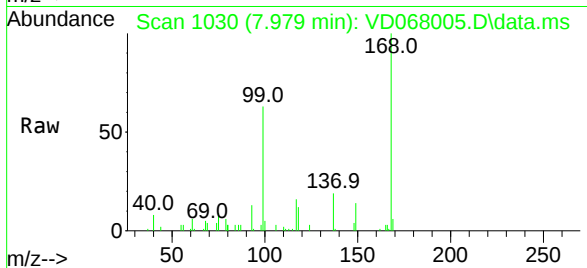
Tgt Ion:	75	Resp:	5029
Ion	Ratio	Lower	Upper
75	100		
110	3.8	17.0	51.0#
77	0.0	24.6	37.0#



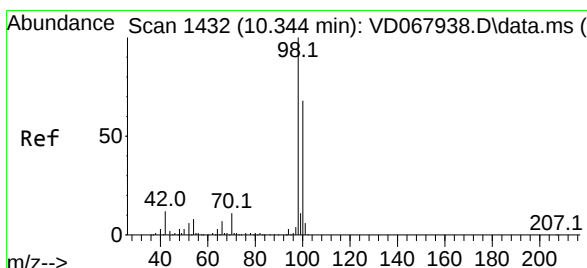
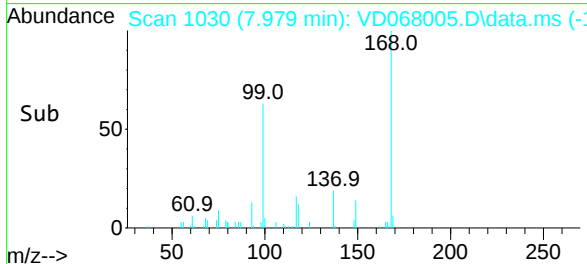
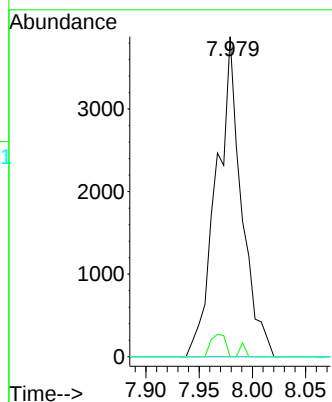


#38
Carbon Tetrachloride
Concen: 6.13 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.123 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

Instrument :
MSVOA_D
ClientSampled :

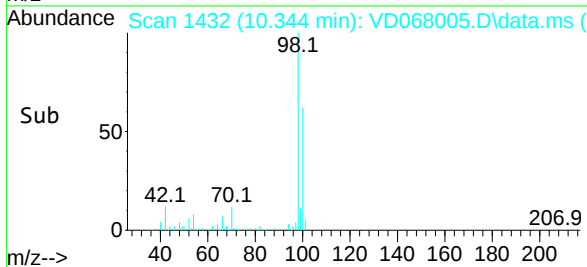
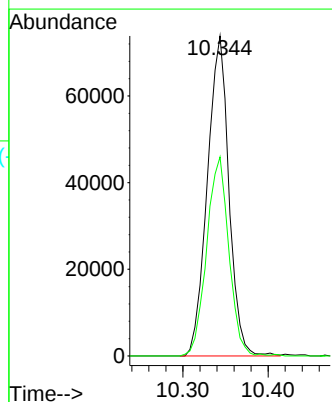
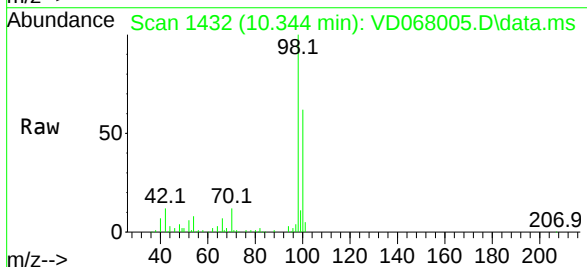


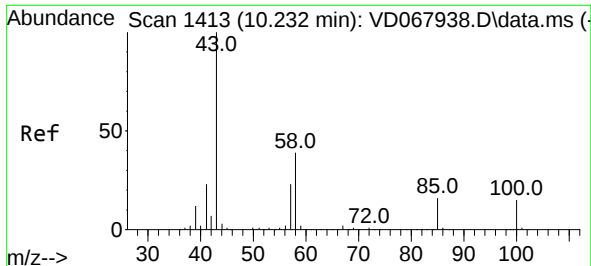
Tgt Ion:117 Resp: 6376
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 53.67 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

Tgt Ion: 98 Resp: 130200
Ion Ratio Lower Upper
98 100
100 63.8 52.5 78.7

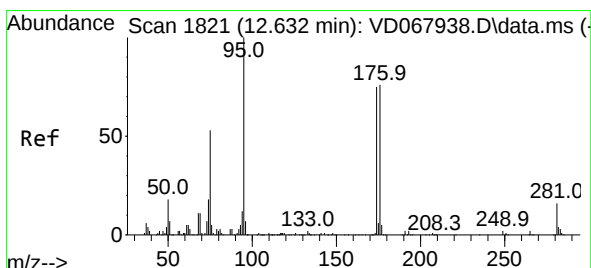
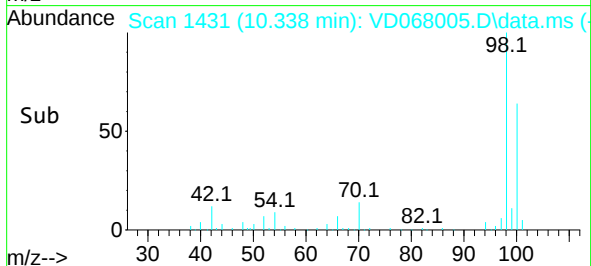
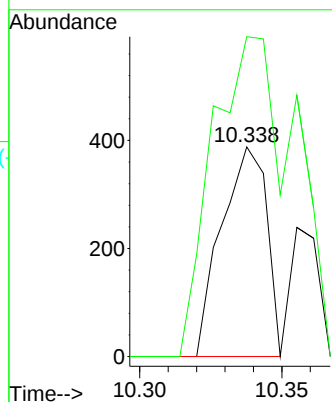
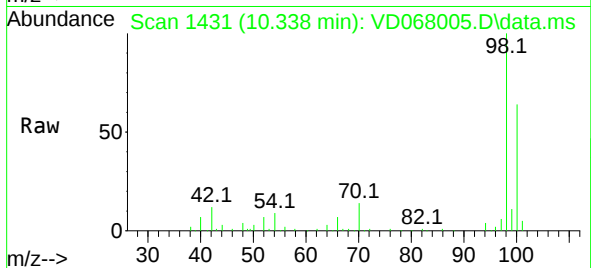




#51
4-Methyl-2-Pentanone
Concen: 1.02 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

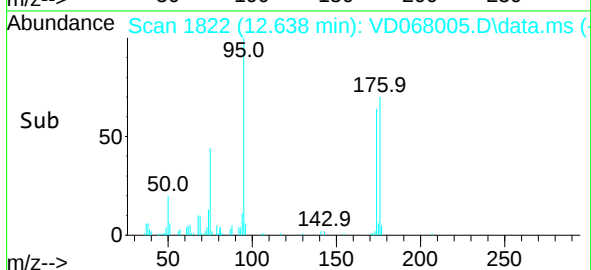
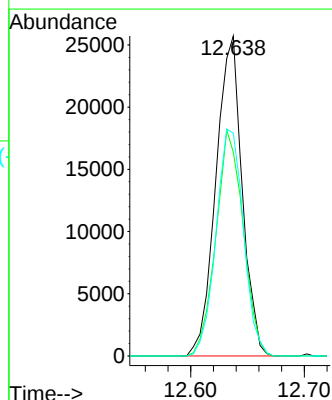
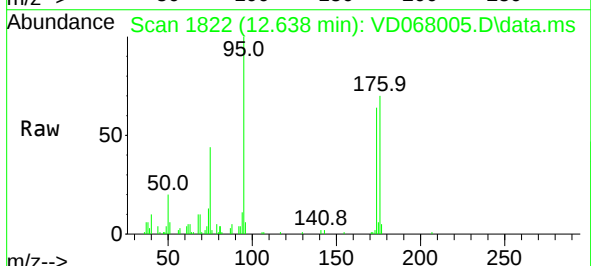
Instrument :
MSVOA_D
ClientSampled :

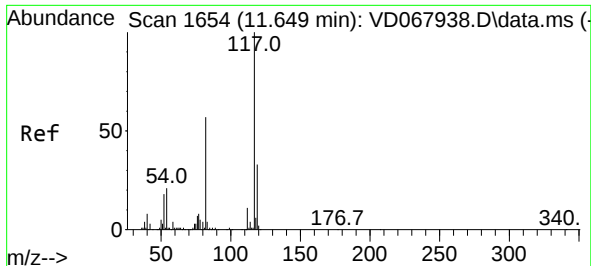
Tgt Ion: 43 Resp: 428
Ion Ratio Lower Upper
43 100
58 275.5 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 49.68 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

Tgt Ion: 95 Resp: 41225
Ion Ratio Lower Upper
95 100
174 73.2 0.0 150.6
176 74.2 0.0 151.2

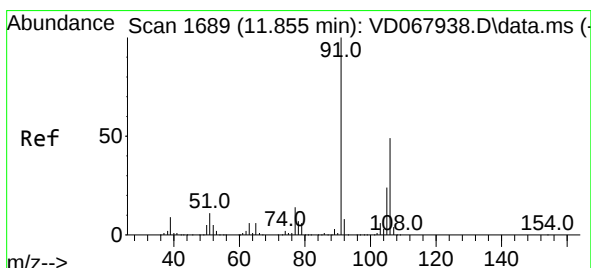
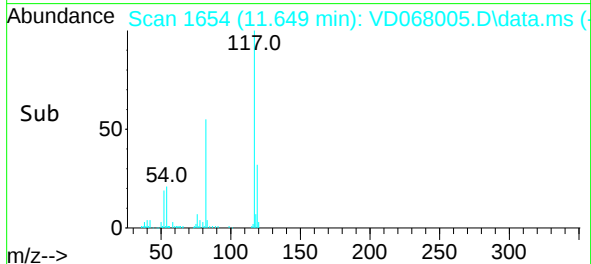
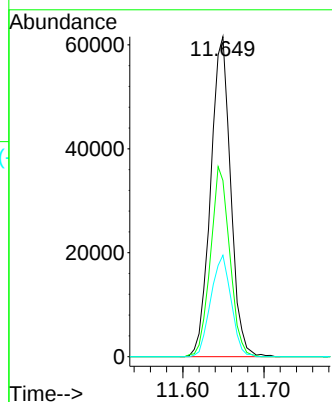
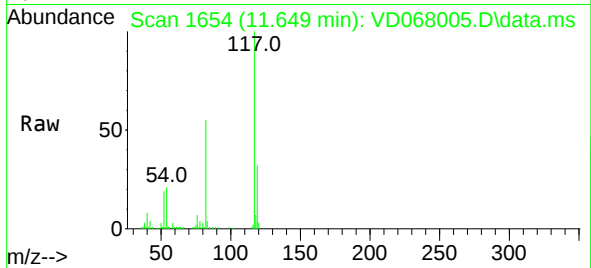




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

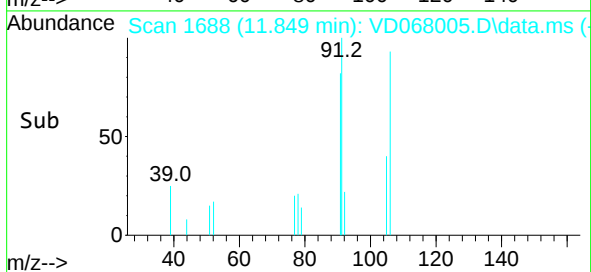
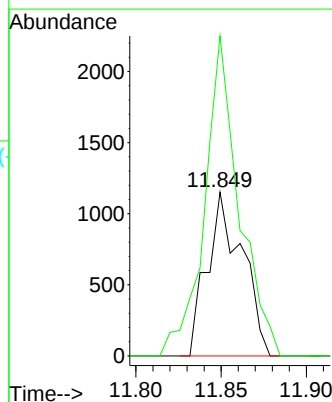
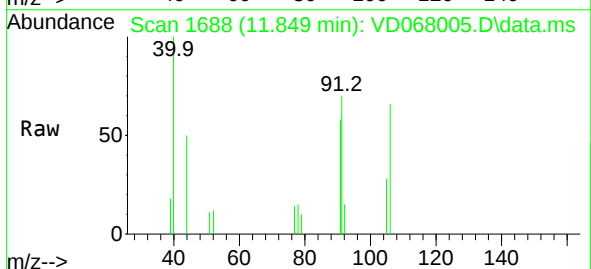
Instrument :
MSVOA_D
ClientSampled :

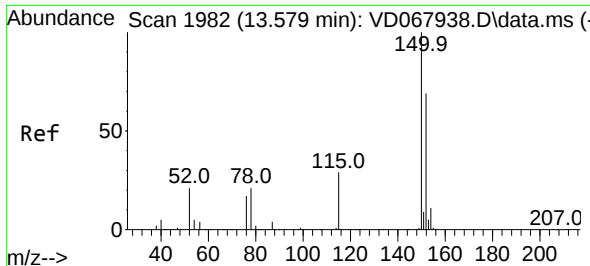
Tgt Ion:117 Resp: 105181
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.0
119 31.7 26.7 40.1



#68
m/p-Xylenes
Concen: 1.07 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

Tgt Ion:106 Resp: 1648
Ion Ratio Lower Upper
106 100
91 191.7 159.9 239.9

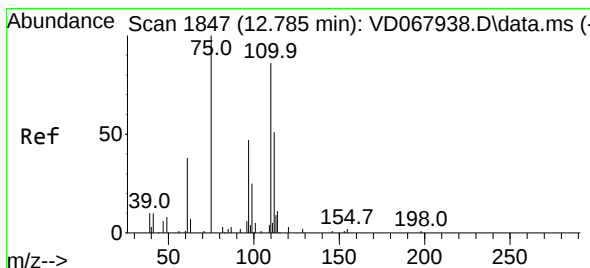
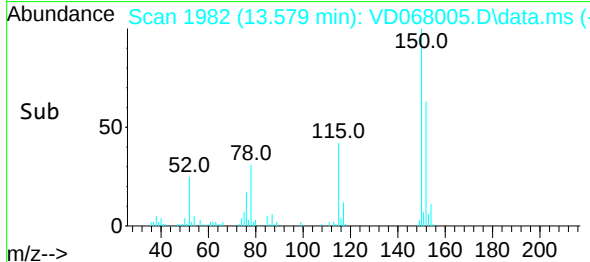
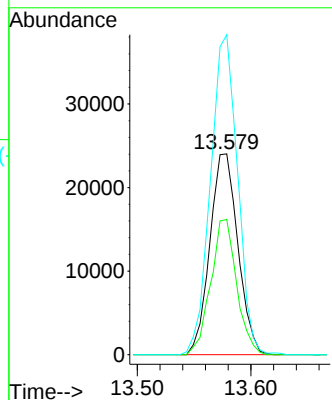
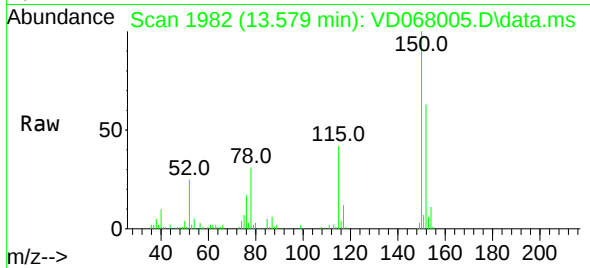




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

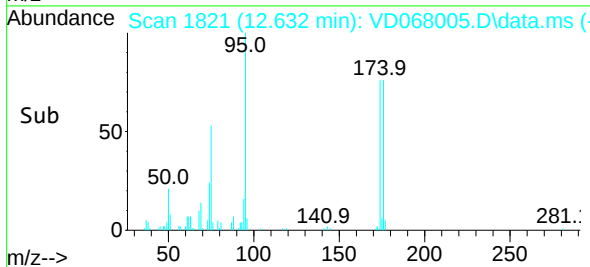
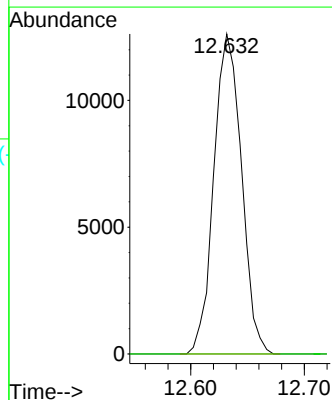
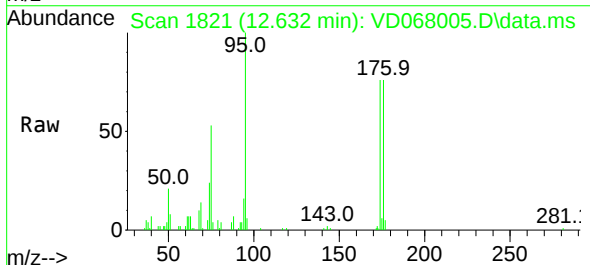
Instrument :
MSVOA_D
ClientSampled :

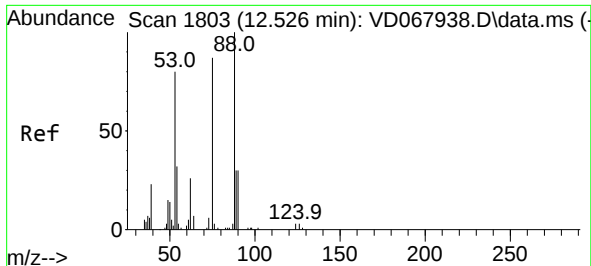
Tgt Ion:152 Resp: 41249
Ion Ratio Lower Upper
152 100
115 62.2 29.3 88.0
150 153.9 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 61.44 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

Tgt Ion: 75 Resp: 21339
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

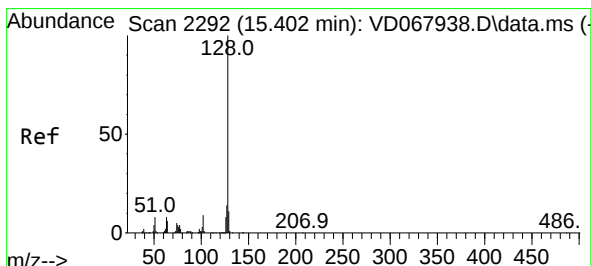
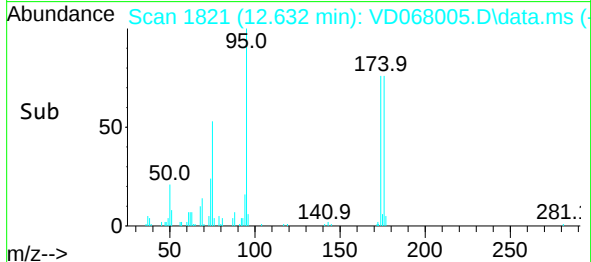
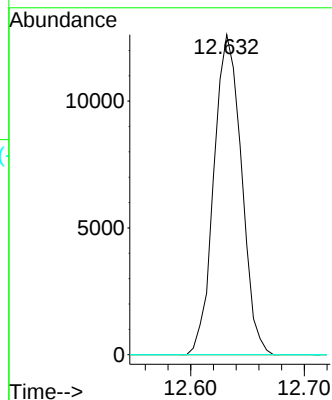
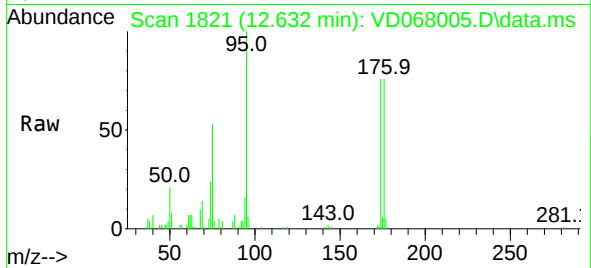




#81
trans-1,4-Dichloro-2-butene
Concen: 125.95 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 21339
Ion Ratio Lower Upper
75 100
53 0.0 74.9 112.3#
89 0.0 33.8 50.8#



#95
Naphthalene
Concen: 1.30 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD068005.D
Acq: 05 Jan 2021 13:53

Tgt Ion: 128 Resp: 1593
Ion Ratio Lower Upper
128 100
127 10.7 11.2 16.8#
129 0.0 8.6 12.8#

