

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042821\
 Data File : VD069005.D
 Acq On : 28 Apr 2021 15:40
 Operator : VA/SY
 Sample : M2188-01
 Misc : 6.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 29 06:32:31 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)

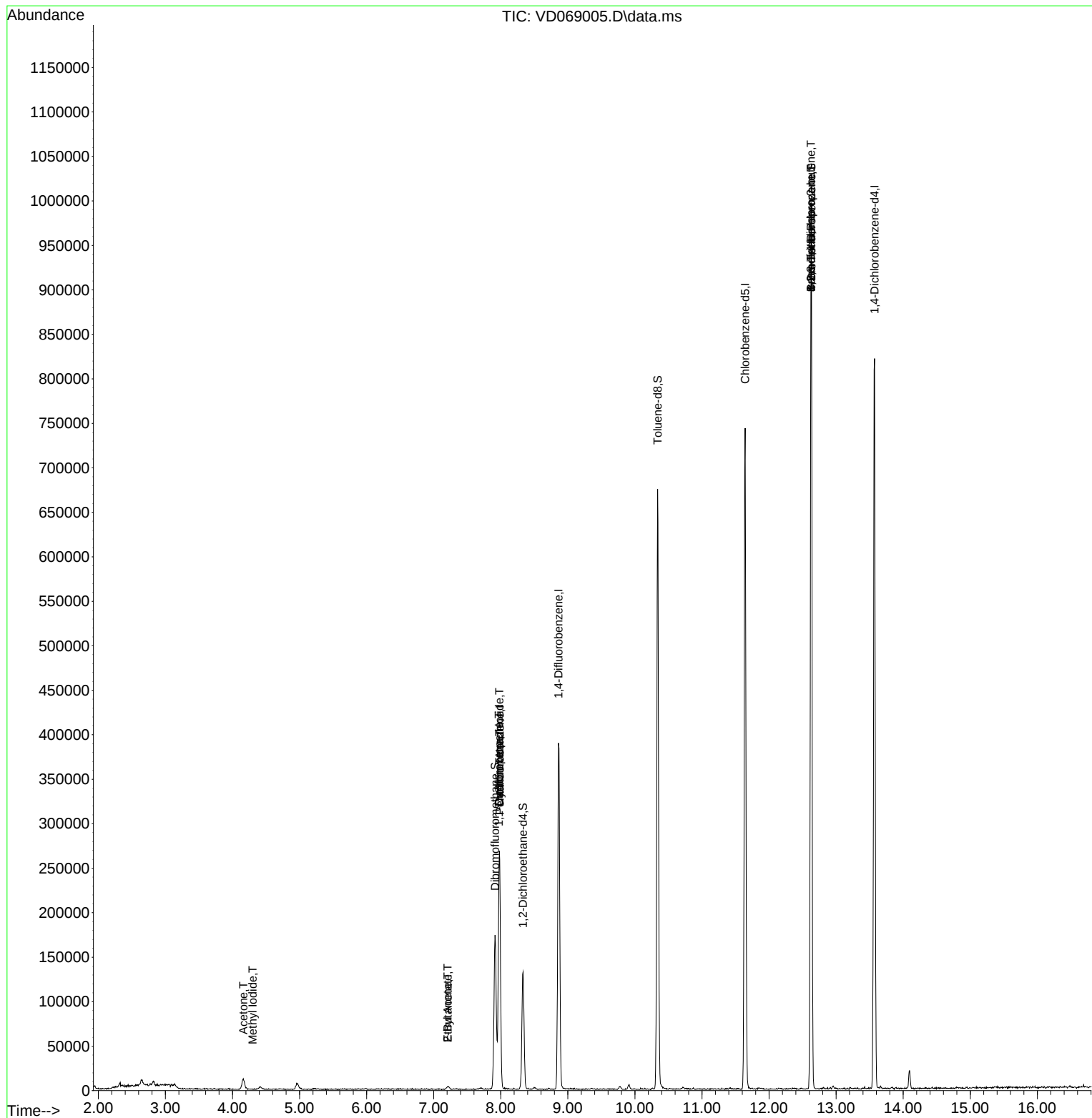
Internal Standards						
1) Pentafluorobenzene	7.985	168	206250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	366198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	461161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	232746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	106120	48.68	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.36%		
35) Dibromofluoromethane	7.914	113	126260	53.01	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.02%		
50) Toluene-d8	10.338	98	469922	52.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.60%		
62) 4-Bromofluorobenzene	12.632	95	217786	72.98	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	145.96%#		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	262	2.35	ug/l #	41
11) Tert butyl alcohol	5.226	59	429	Below Cal	#	73
16) Acetone	4.162	43	20262	67.13	ug/l	89
20) Methylene Chloride	4.956	84	5635	Below Cal	#	85
25) 2-Butanone	7.208	43	4266	9.99	ug/l #	87
31) Cyclohexane	7.979	56	4465	1.23	ug/l #	34
36) 1,1-Dichloropropene	7.973	75	14816	4.00	ug/l #	48
37) Ethyl Acetate	7.208	43	4266	3.92	ug/l #	66
38) Carbon Tetrachloride	7.979	117	19701	5.37	ug/l #	17
71) Bromoform	12.626	173	2344	1.22	ug/l #	29
76) 1,2,3-Trichloropropane	12.626	75	109462	51.48	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	109462	119.47	ug/l #	16

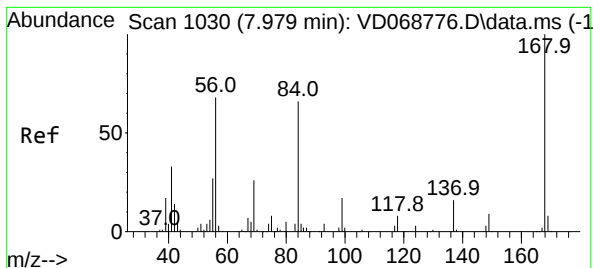
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
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Quant Time: Apr 29 06:32:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
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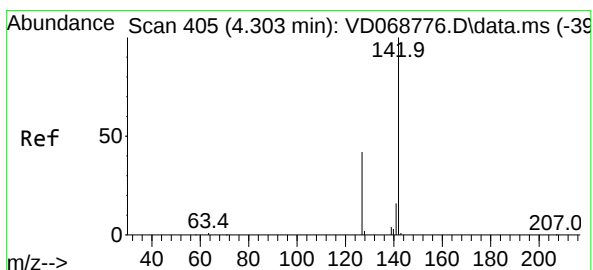
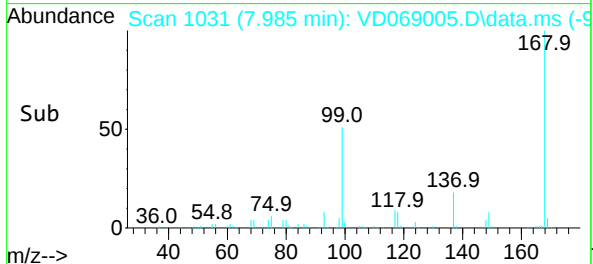
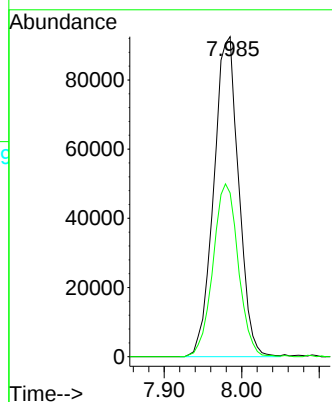
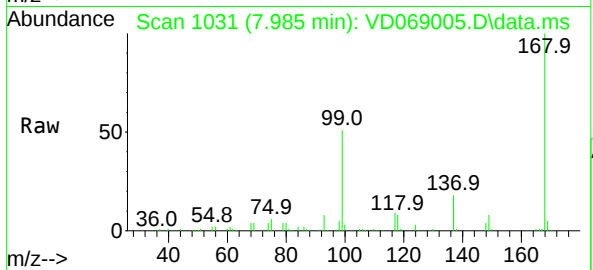




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

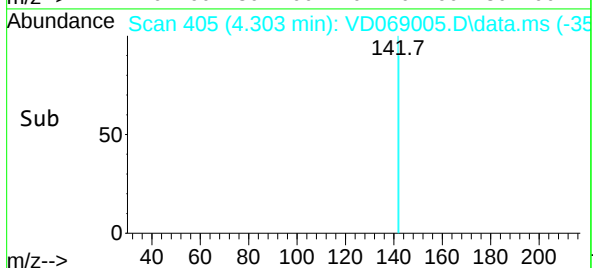
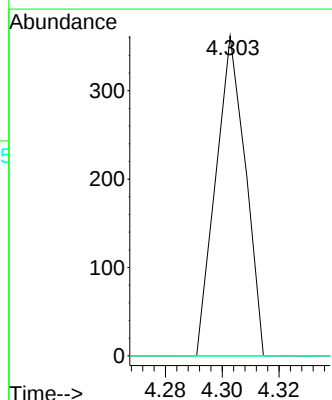
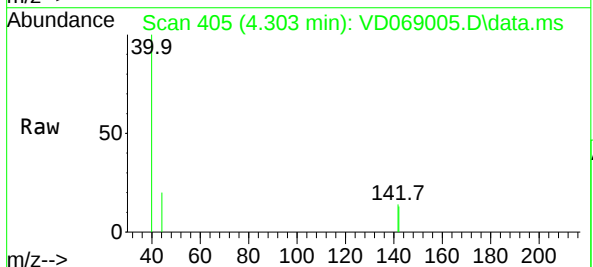
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 206250
Ion Ratio Lower Upper
168 100
99 51.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.35 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion:142 Resp: 262
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



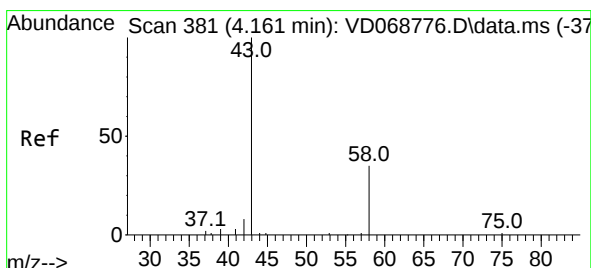
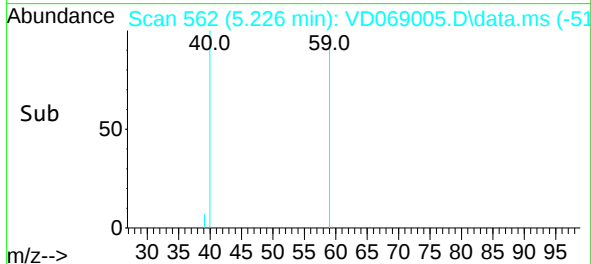
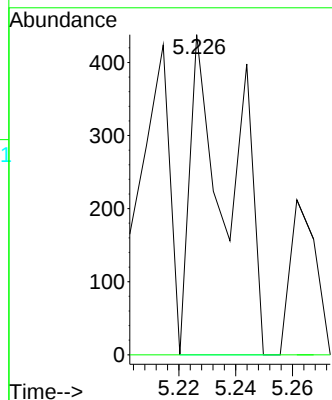
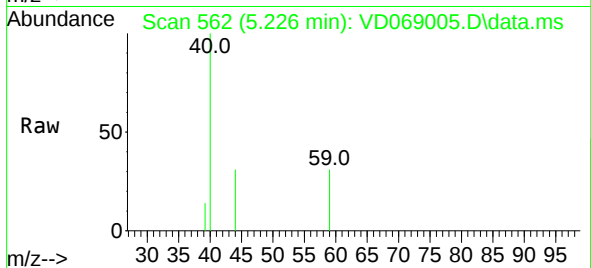


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Instrument :
MSVOA_D
ClientSampled :

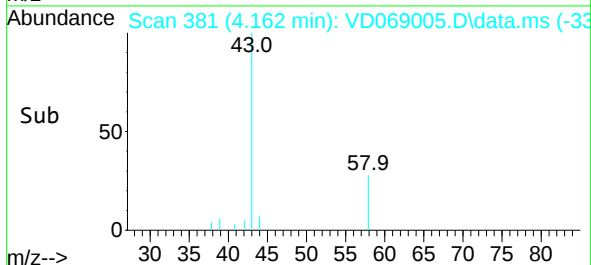
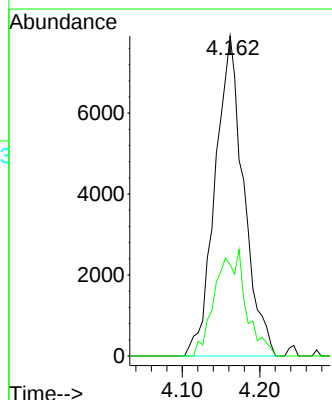
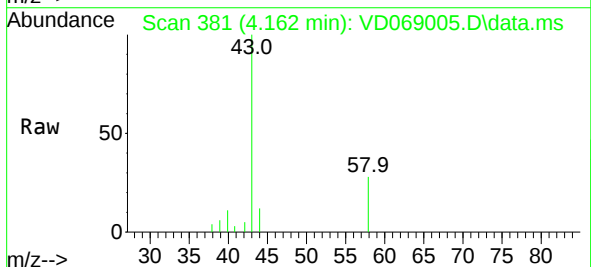
Tgt Ion: 59 Resp: 429
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

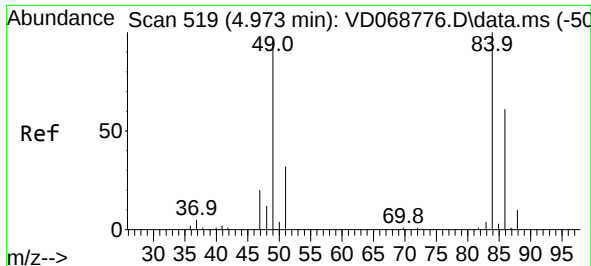


#16

Acetone
Concen: 67.13 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

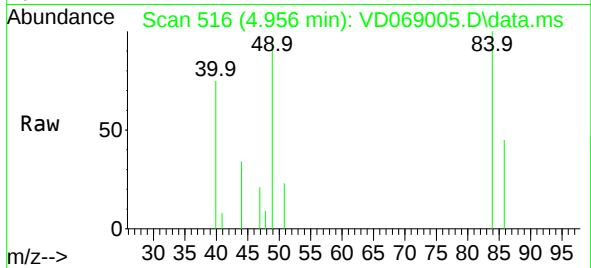
Tgt Ion: 43 Resp: 20262
Ion Ratio Lower Upper
43 100
58 28.5 28.0 42.0



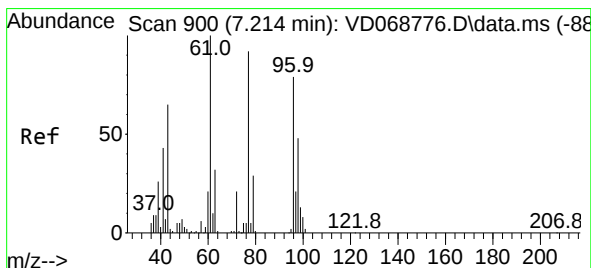
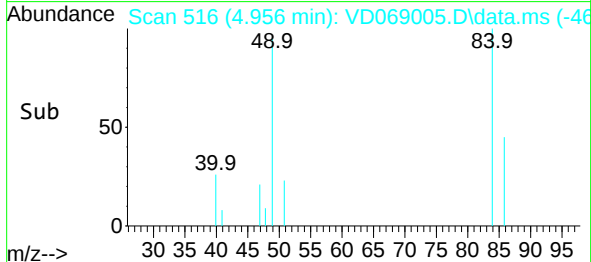
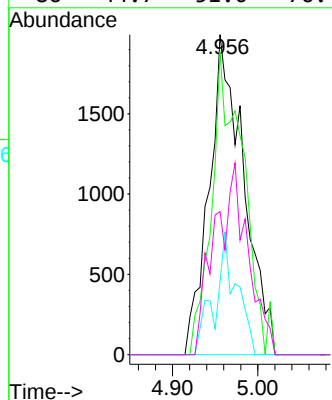


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.017 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Instrument :
MSVOA_D
ClientSampled :

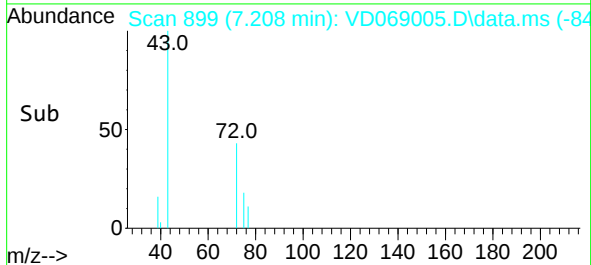
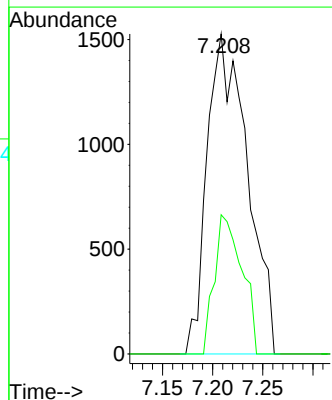
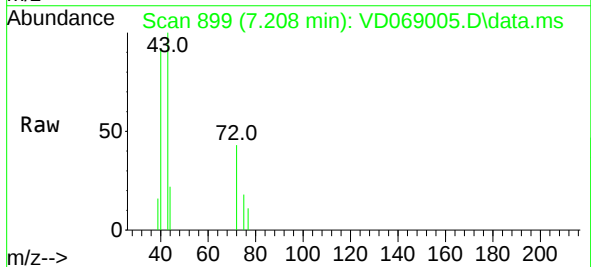


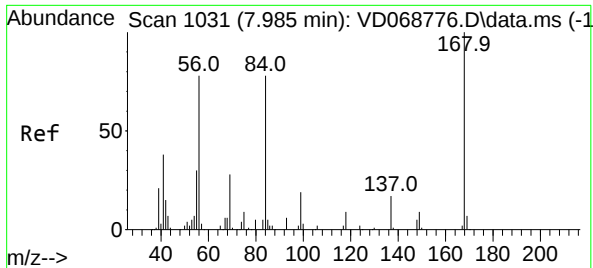
Tgt Ion:	84	Resp:	5635
Ion	Ratio	Lower	Upper
84	100		
49	94.7	83.4	125.0
51	22.7	23.4	35.2#
86	44.7	51.0	76.4#



#25
2-Butanone
Concen: 9.99 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion:	43	Resp:	4266
Ion	Ratio	Lower	Upper
43	100		
72	43.5	28.6	43.0#

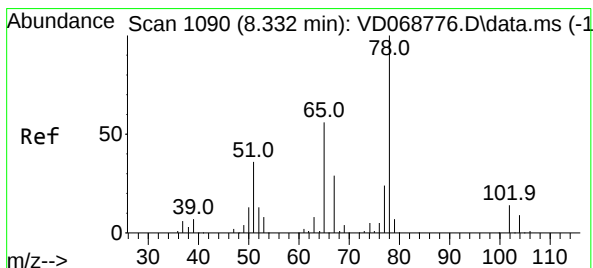
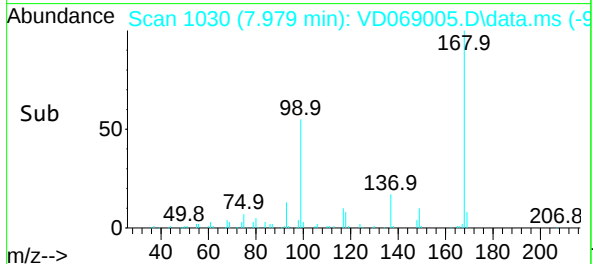
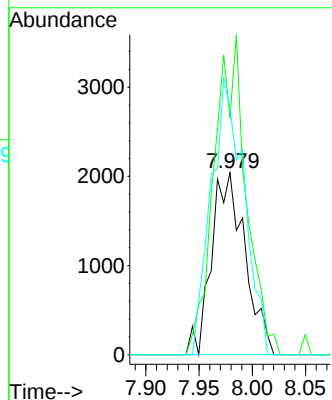
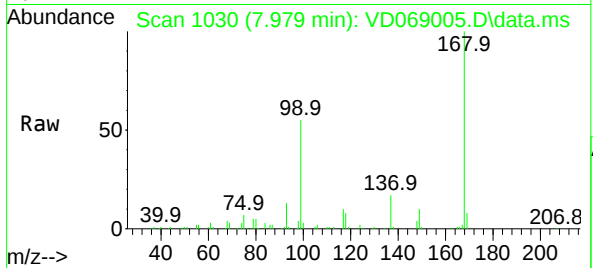




#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

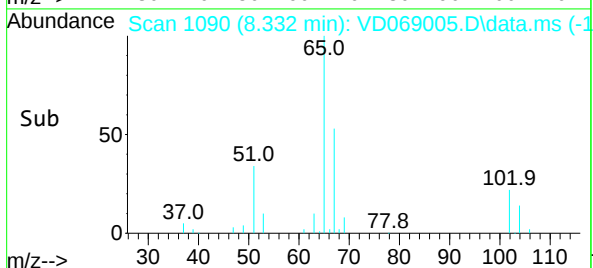
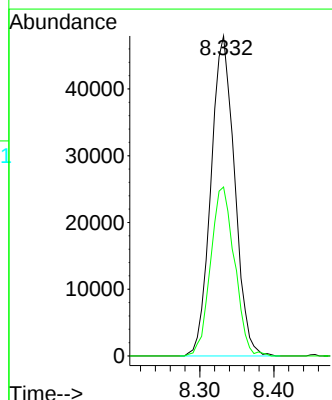
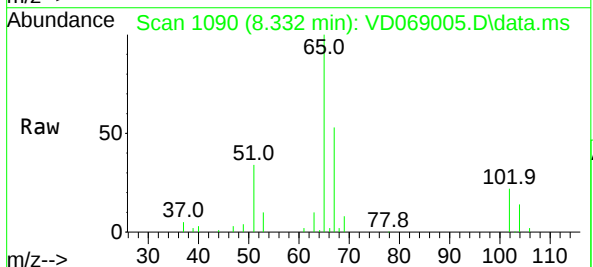
Instrument :
MSVOA_D
ClientSampleId :

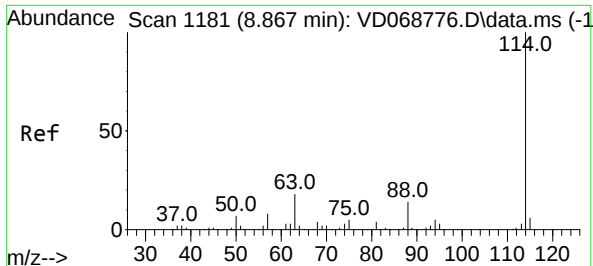
Tgt Ion: 56 Resp: 4465
Ion Ratio Lower Upper
56 100
69 130.2 30.0 45.0#
84 136.0 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 48.68 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion: 65 Resp: 106120
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.0

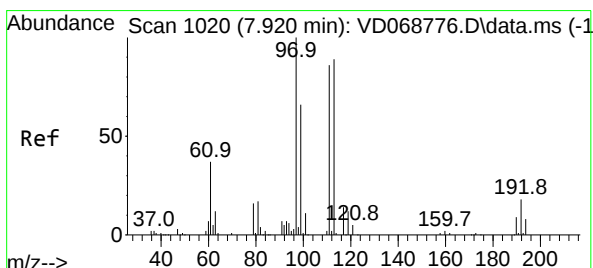
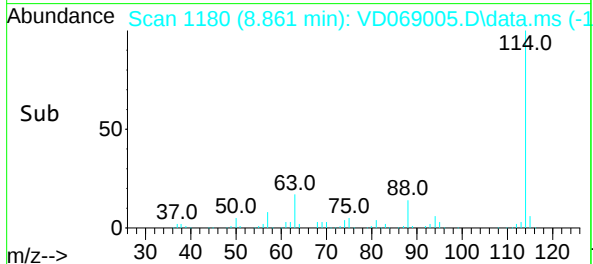
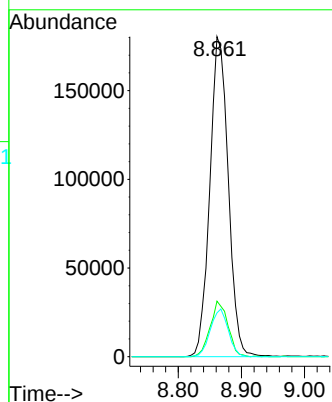
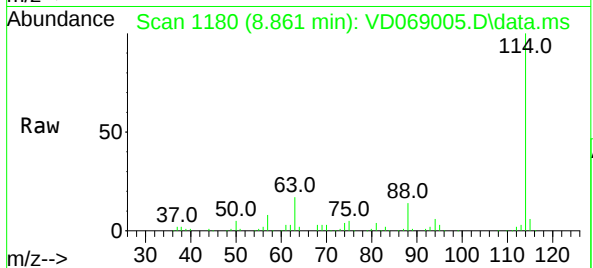




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

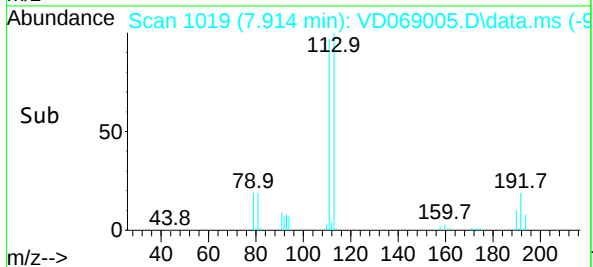
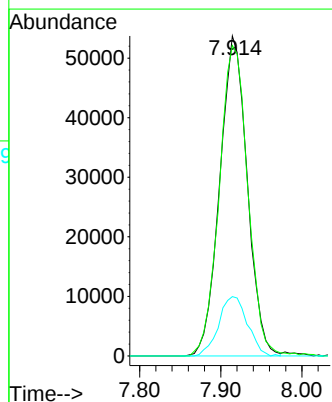
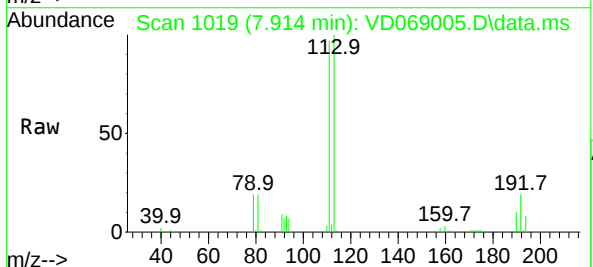
Instrument :
MSVOA_D
ClientSampled :

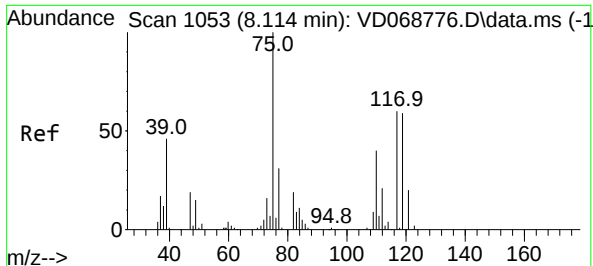
Tgt Ion:114 Resp: 366198
Ion Ratio Lower Upper
114 100
63 17.4 0.0 38.2
88 13.7 0.0 29.4



#35
Dibromofluoromethane
Concen: 53.01 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion:113 Resp: 126260
Ion Ratio Lower Upper
113 100
111 101.2 82.5 123.7
192 19.4 15.1 22.7

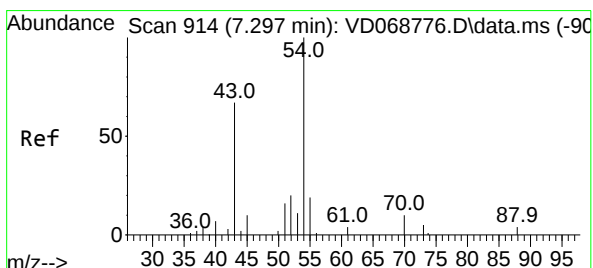
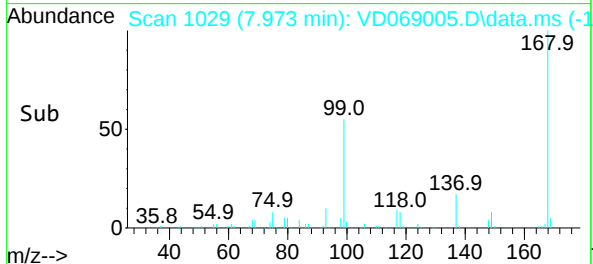
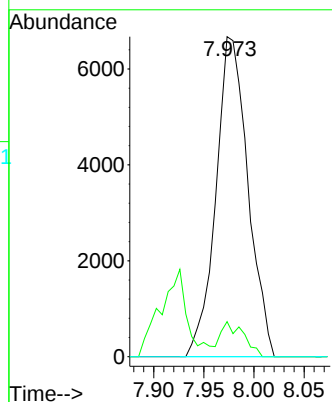
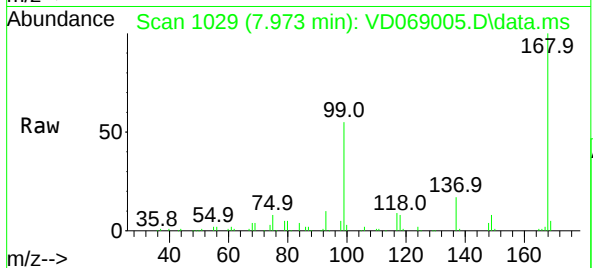




#36
1,1-Dichloropropene
Concen: 4.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.141 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

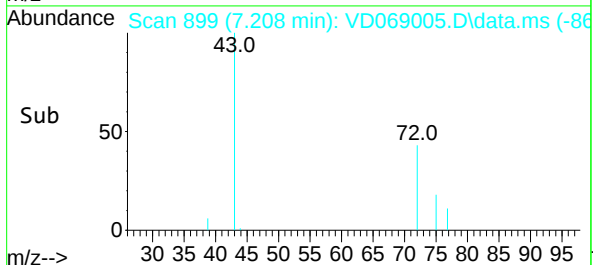
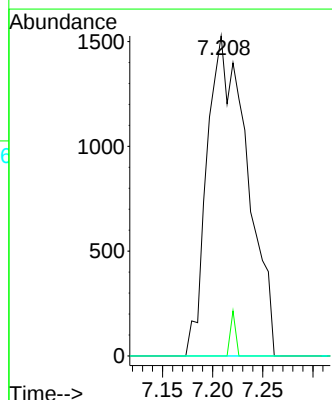
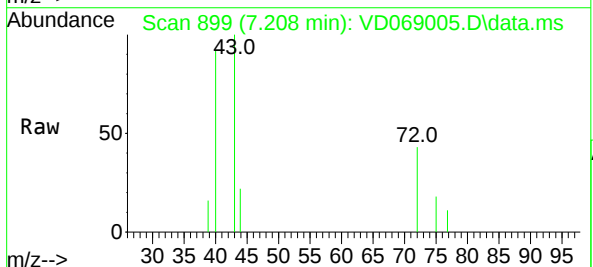
Instrument :
MSVOA_D
ClientSampled :

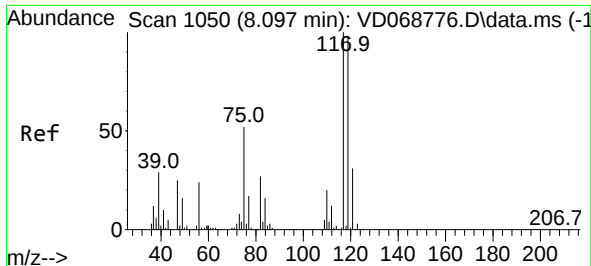
Tgt Ion: 75 Resp: 14816
Ion Ratio Lower Upper
75 100
110 7.6 18.1 54.4#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 3.92 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.089 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion: 43 Resp: 4266
Ion Ratio Lower Upper
43 100
61 1.8 14.2 21.4#
70 0.0 9.4 14.0#

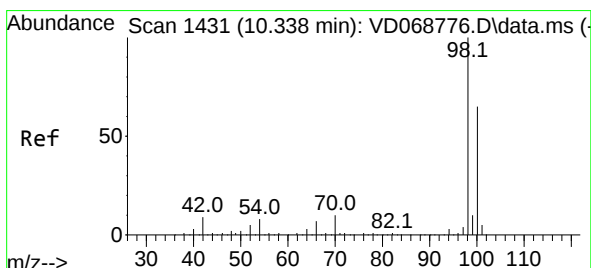
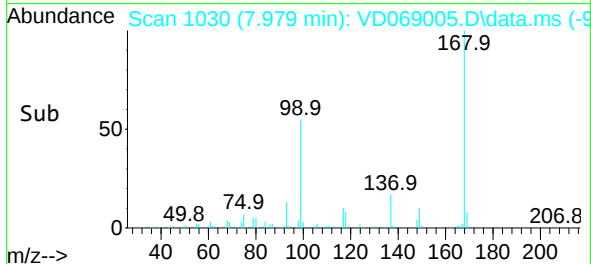
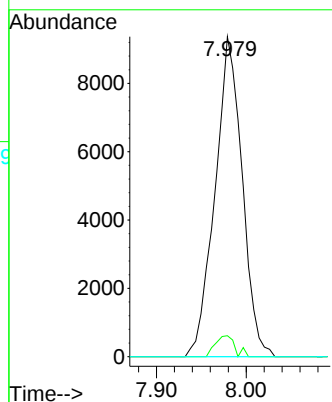
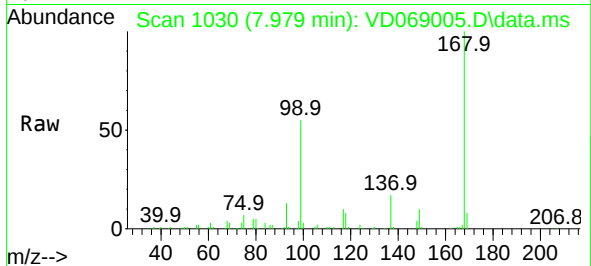




#38
Carbon Tetrachloride
Concen: 5.37 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

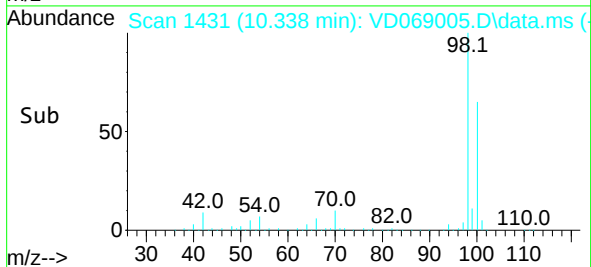
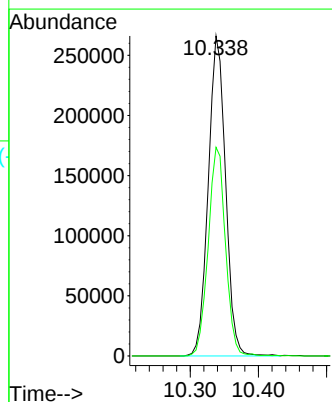
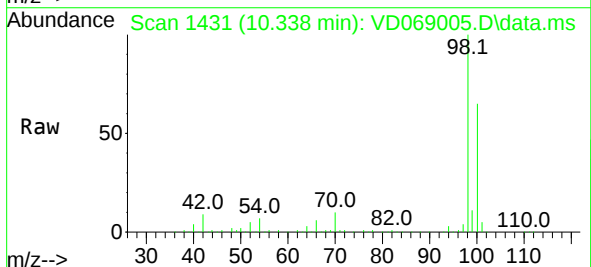
Instrument :
MSVOA_D
ClientSampled :

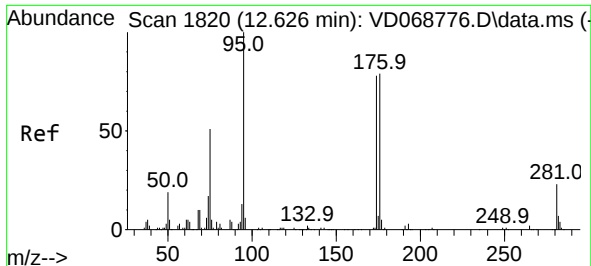
Tgt Ion:117 Resp: 19701
Ion Ratio Lower Upper
117 100
119 6.6 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.30 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion: 98 Resp: 469922
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

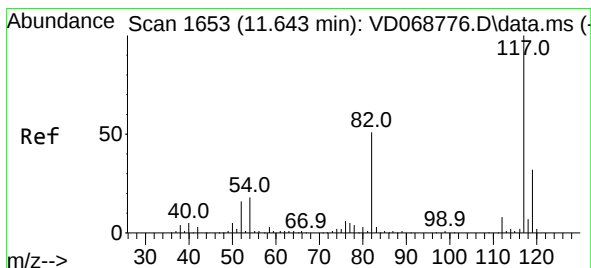
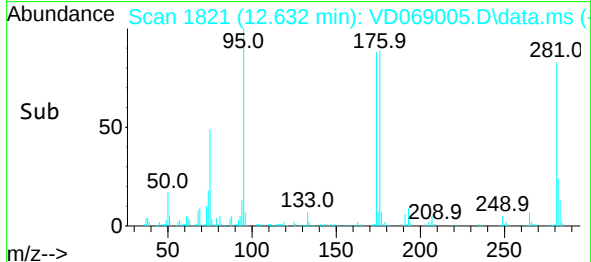
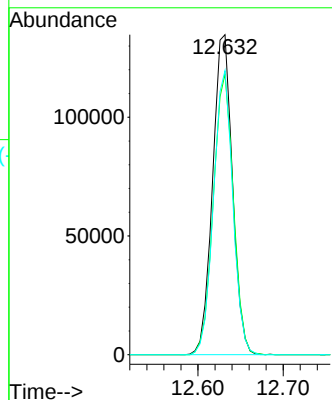
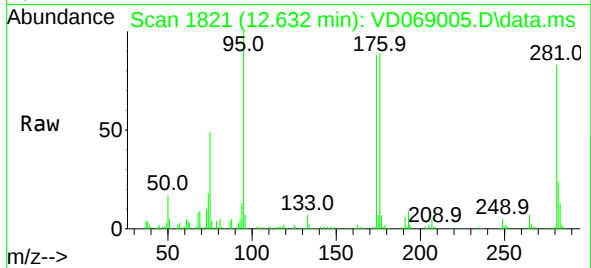




#62
4-Bromofluorobenzene
Concen: 72.98 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

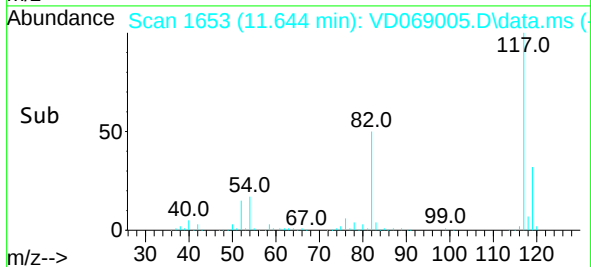
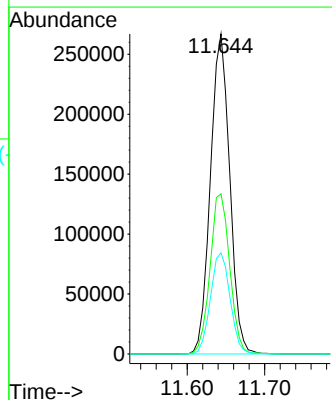
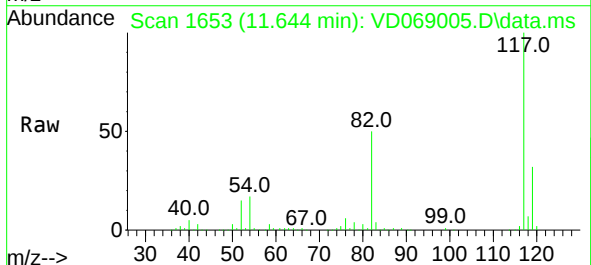
Instrument :
MSVOA_D
ClientSampled :

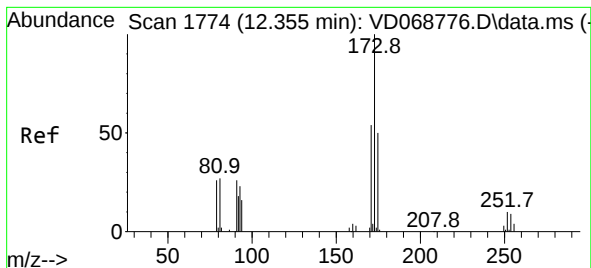
Tgt Ion: 95 Resp: 217786
Ion Ratio Lower Upper
95 100
174 88.2 0.0 168.0
176 86.4 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion: 117 Resp: 461161
Ion Ratio Lower Upper
117 100
82 50.1 43.5 65.3
119 31.6 26.7 40.1





#71

Bromoform

Concen: 1.22 ug/l

RT: 12.626 min Scan# 1820

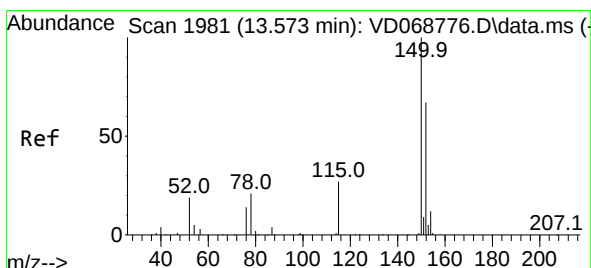
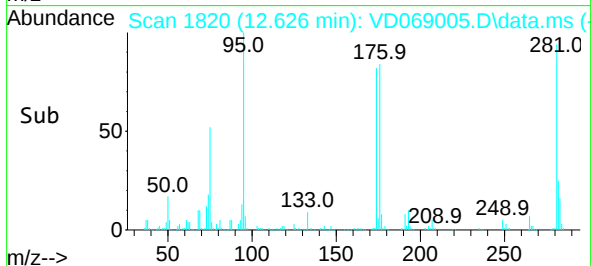
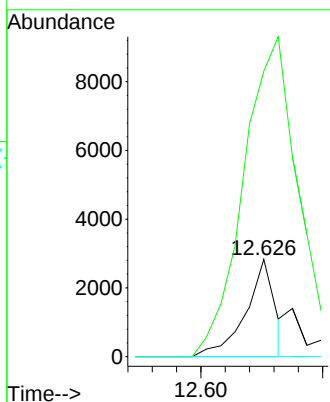
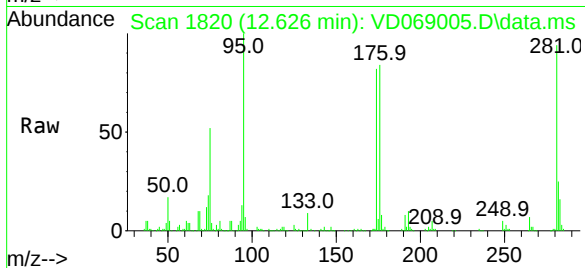
Delta R.T. 0.271 min

Lab File: VD069005.D

Acq: 28 Apr 2021 15:40

Tgt Ion:173	Resp:	2344
Ion Ratio	Lower	Upper
173	100	
175	0.0	23.6
254	0.0	0.0

Instrument :
MSVOA_D
ClientSampled :



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

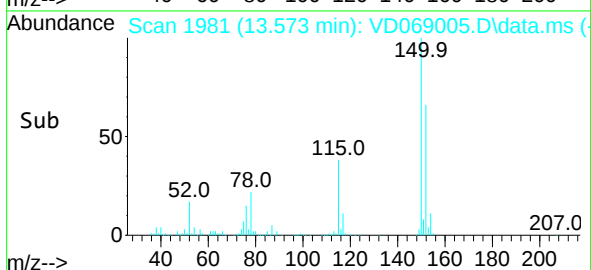
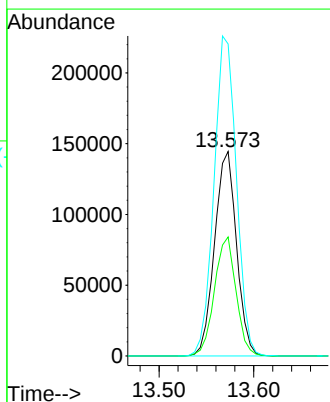
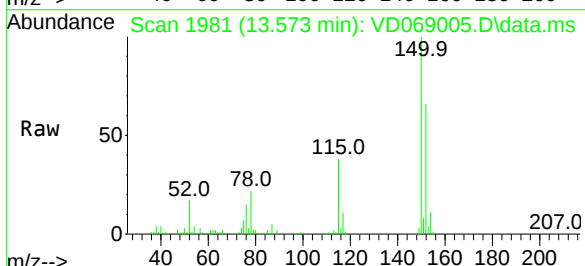
RT: 13.573 min Scan# 1981

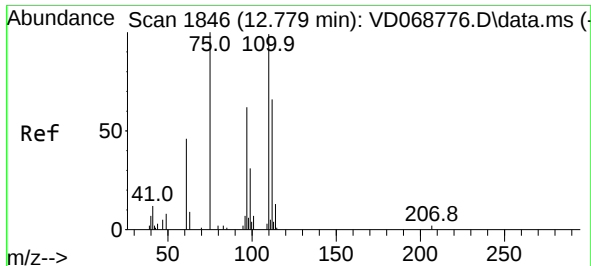
Delta R.T. -0.000 min

Lab File: VD069005.D

Acq: 28 Apr 2021 15:40

Tgt Ion:152	Resp:	232746
Ion Ratio	Lower	Upper
152	100	
115	57.3	29.3
150	159.7	0.0

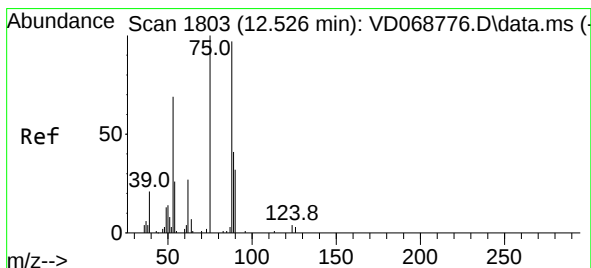
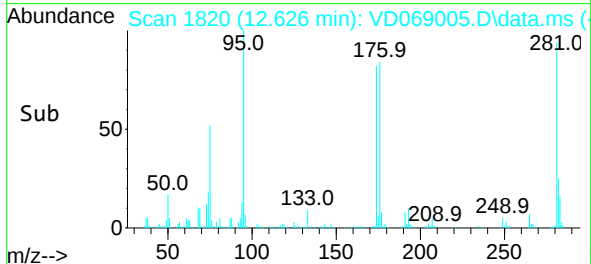
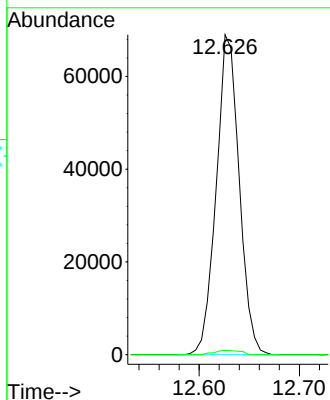
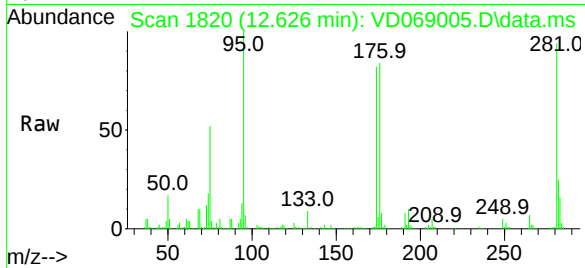




#76
1,2,3-Trichloropropane
Concen: 51.48 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 109462
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.47 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069005.D
Acq: 28 Apr 2021 15:40

Tgt Ion: 75 Resp: 109462
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.8 36.6 54.8#

