

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069028.D
 Acq On : 29 Apr 2021 19:52
 Operator : VA/SY
 Sample : M2217-13
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 02:58:23 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)

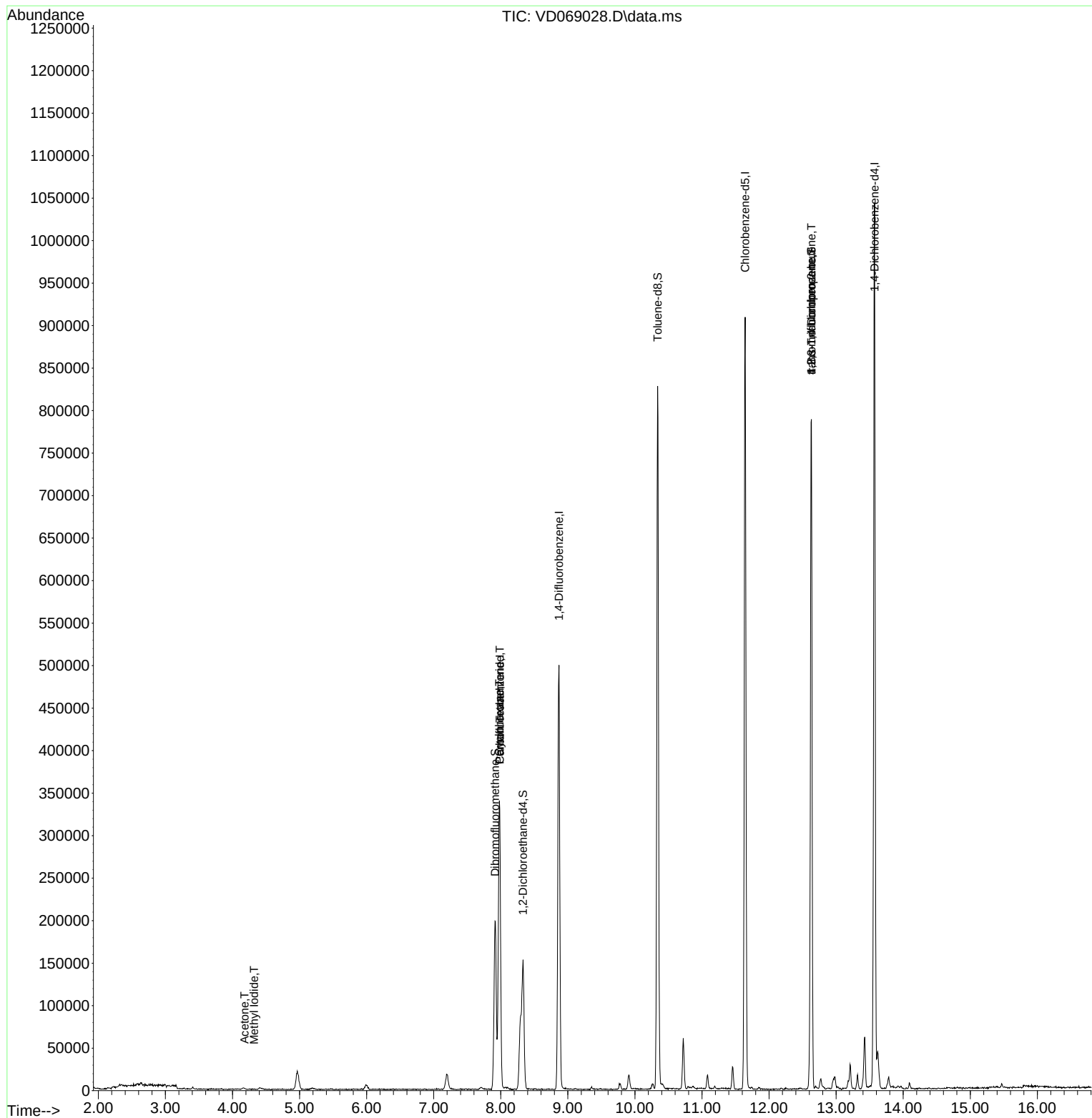
Internal Standards						
1) Pentafluorobenzene	7.985	168	271115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	464781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	566589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	289279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	108911	38.01	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	76.02%		
35) Dibromofluoromethane	7.914	113	145786	48.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.44%		
50) Toluene-d8	10.338	98	596572	52.31	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.62%		
62) 4-Bromofluorobenzene	12.632	95	250313	66.09	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	132.18%		
Target Compounds						
10) Methyl Iodide	4.320	142	74	2.27	ug/l #	41
11) Tert butyl alcohol	5.191	59	1041	Below Cal	#	73
16) Acetone	4.179	43	3313	8.35	ug/l	90
31) Cyclohexane	7.979	56	5964	1.25	ug/l #	19
38) Carbon Tetrachloride	7.985	117	26155	5.62	ug/l #	14
76) 1,2,3-Trichloropropane	12.632	75	121321	45.91	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	121321	106.54	ug/l #	16

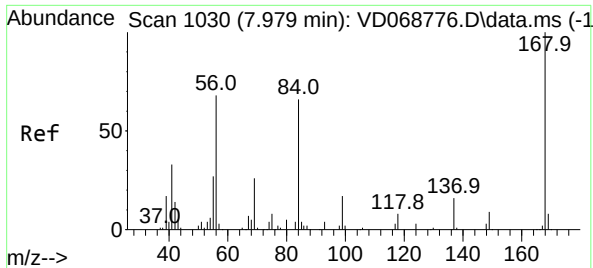
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 30 02:58:23 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

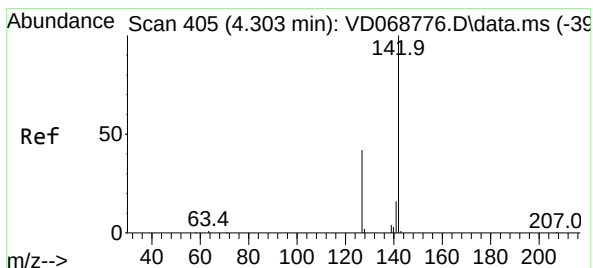
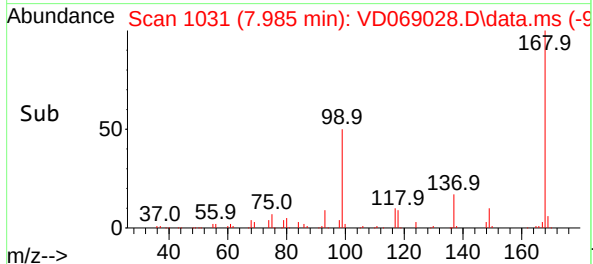
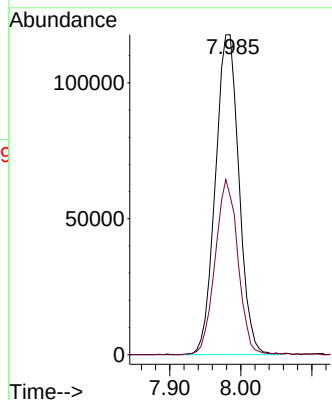
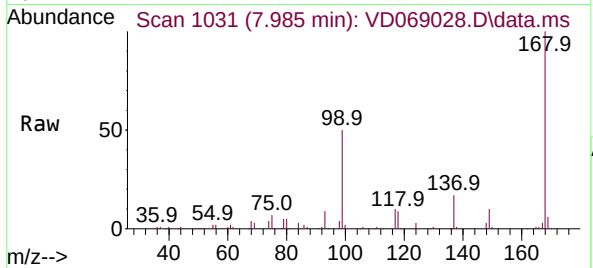




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

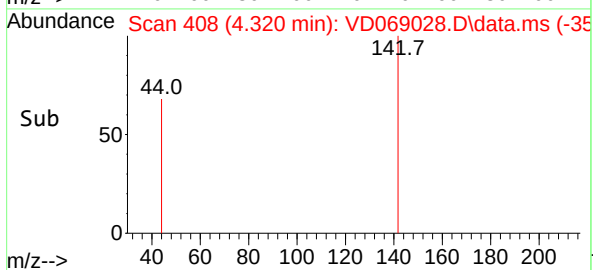
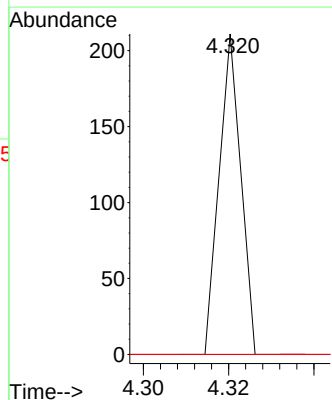
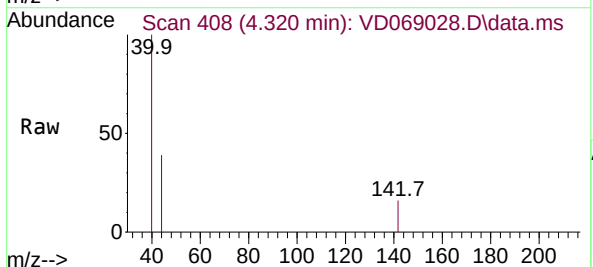
Instrument :
MSVOA_D
ClientSampled :

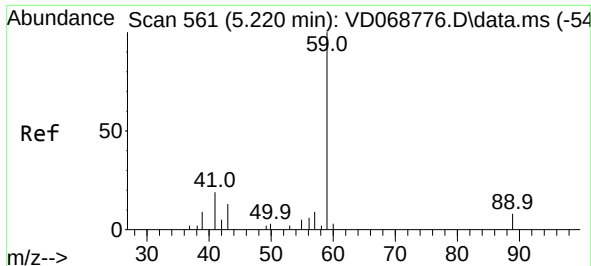
Tgt Ion:168 Resp: 271115
Ion Ratio Lower Upper
168 100
99 49.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.27 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

Tgt Ion:142 Resp: 74
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

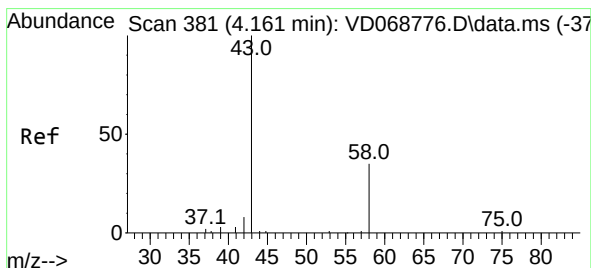
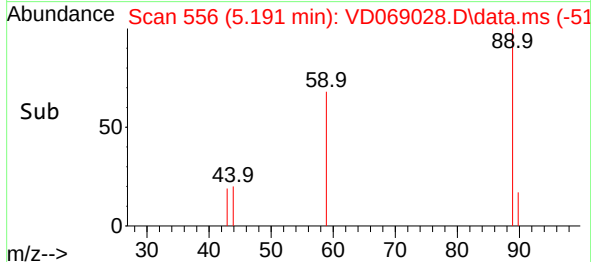
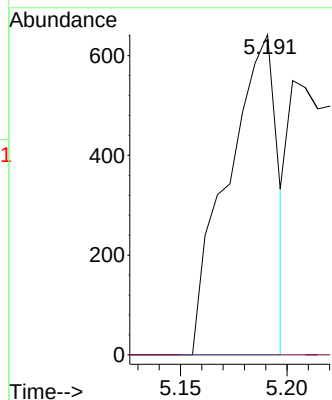
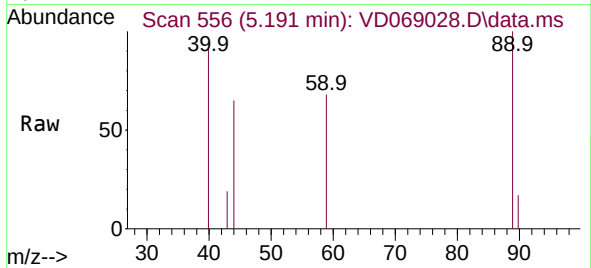




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

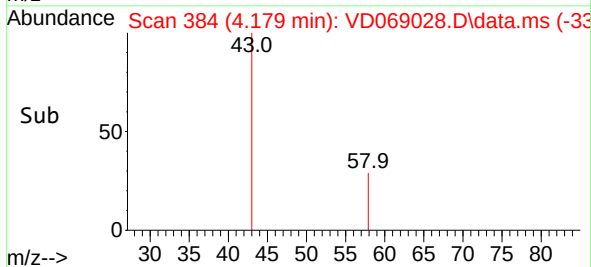
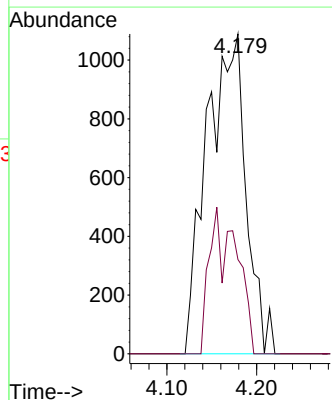
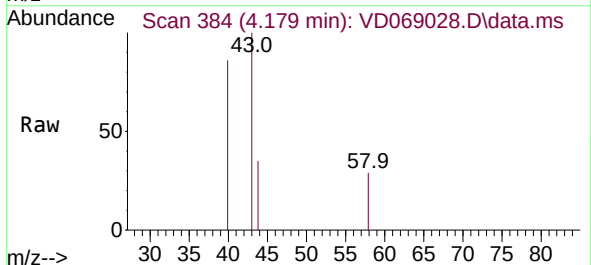
Instrument :
MSVOA_D
ClientSampled :

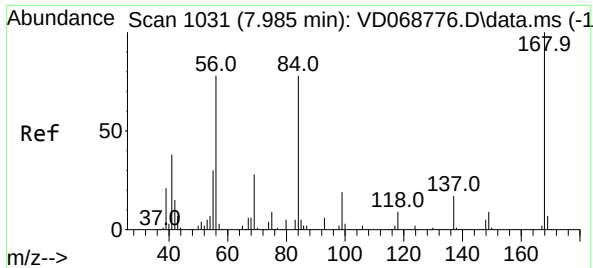
Tgt Ion: 59 Resp: 1041
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 8.35 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.018 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

Tgt Ion: 43 Resp: 3313
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0

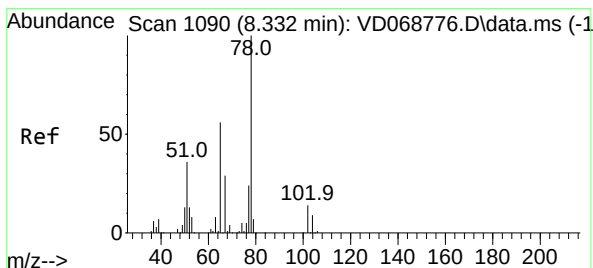
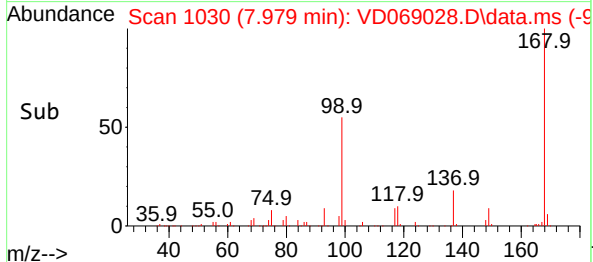
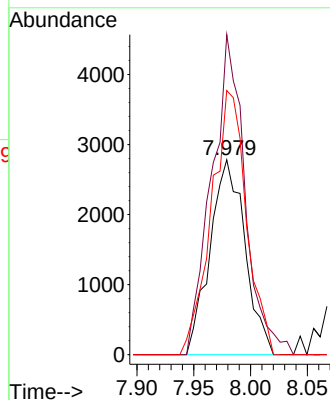
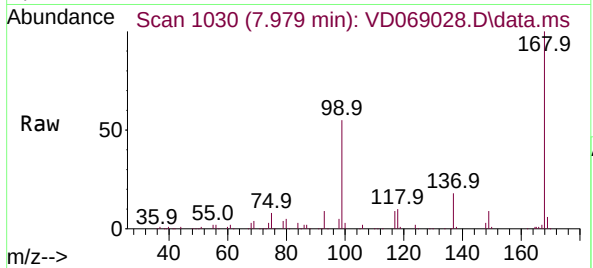




#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

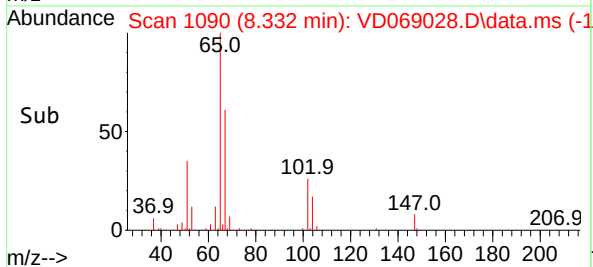
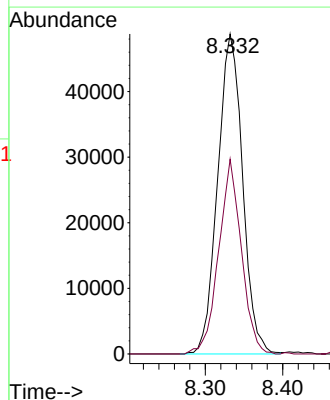
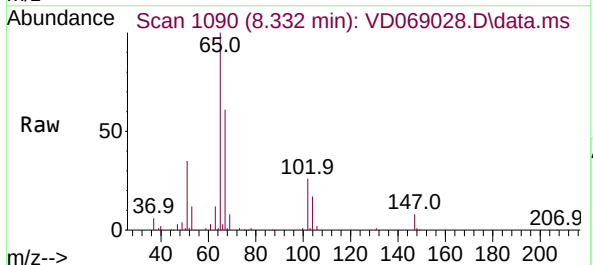
Instrument :
MSVOA_D
ClientSampleId :

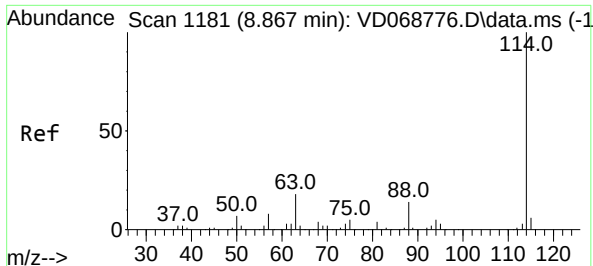
Tgt Ion: 56 Resp: 5964
Ion Ratio Lower Upper
56 100
69 164.3 30.0 45.0#
84 135.6 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 38.01 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

Tgt Ion: 65 Resp: 108911
Ion Ratio Lower Upper
65 100
67 55.5 0.0 106.0

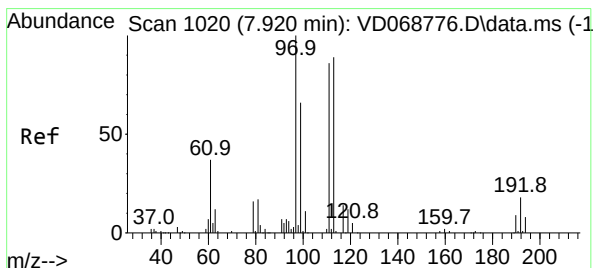
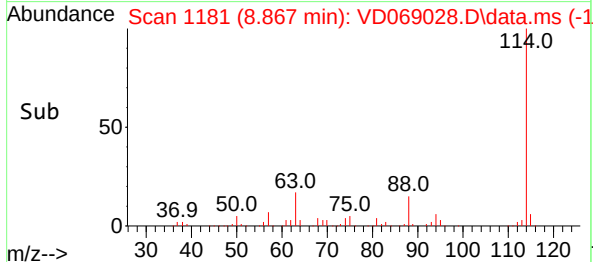
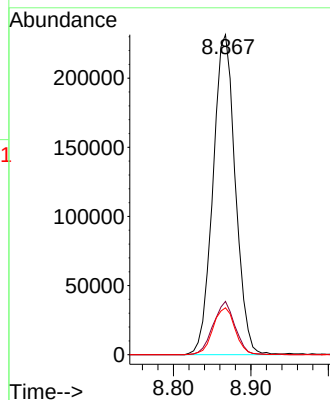
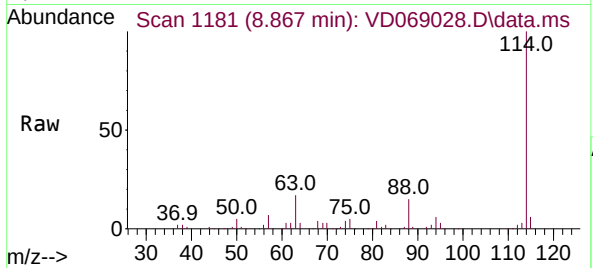




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

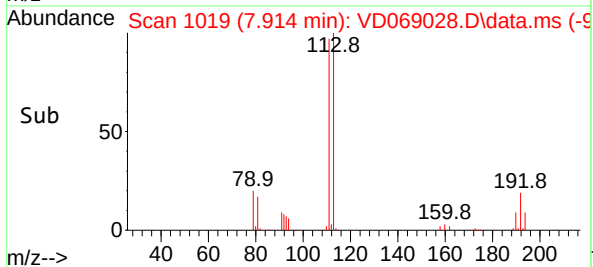
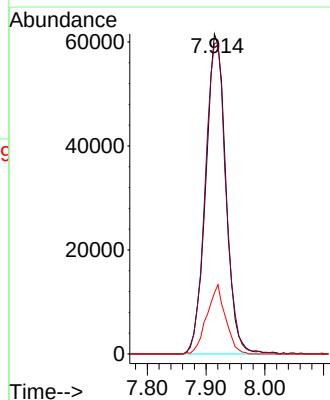
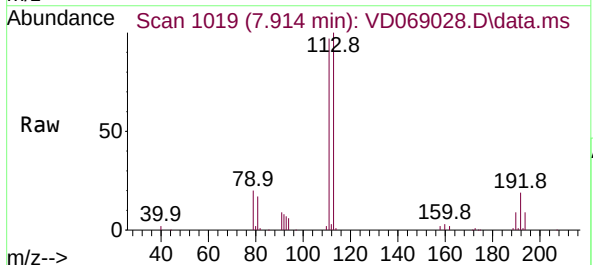
Instrument :
MSVOA_D
ClientSampleId :

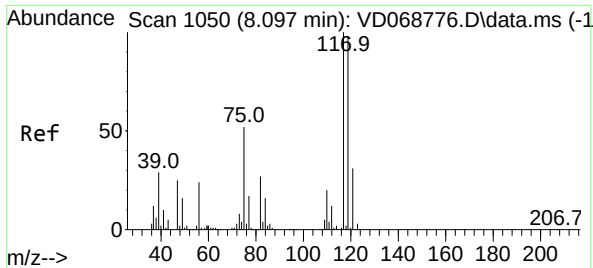
Tgt Ion:114 Resp: 464781
Ion Ratio Lower Upper
114 100
63 16.6 0.0 38.2
88 14.6 0.0 29.4



#35
Dibromofluoromethane
Concen: 48.22 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

Tgt Ion:113 Resp: 145786
Ion Ratio Lower Upper
113 100
111 100.5 82.5 123.7
192 20.1 15.1 22.7

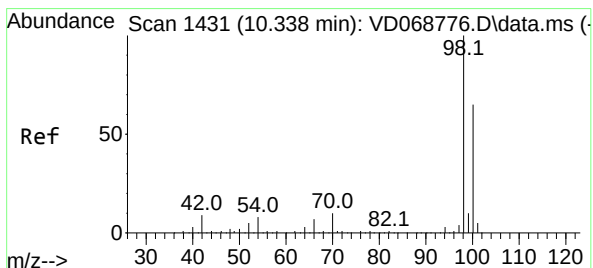
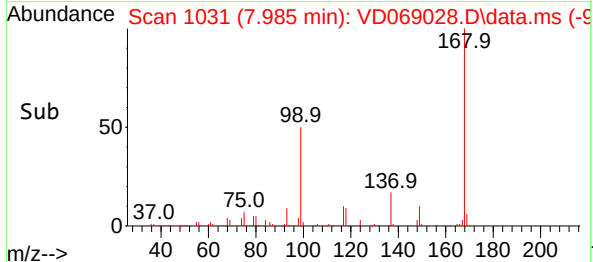
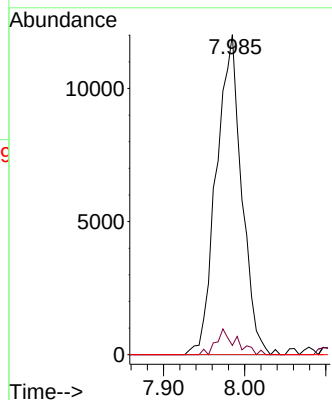
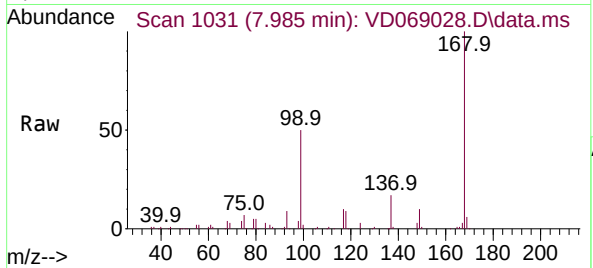




#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

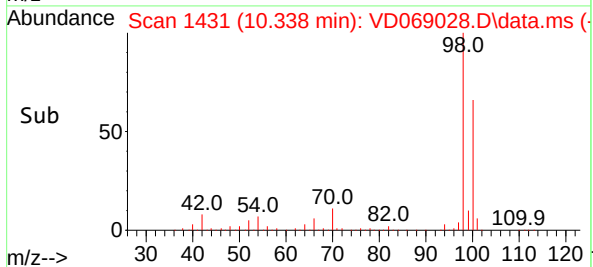
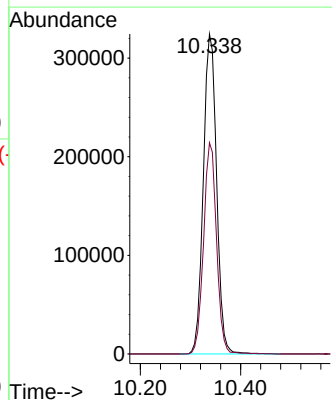
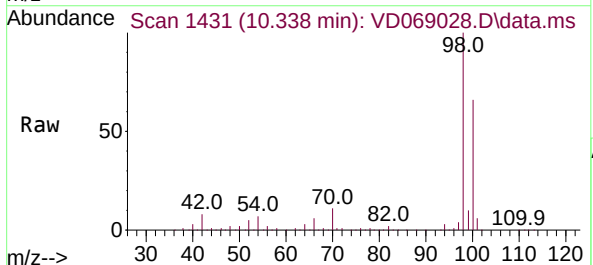
Instrument :
MSVOA_D
ClientSampleId :

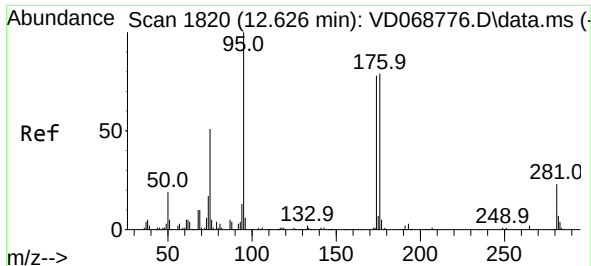
Tgt Ion:117 Resp: 26155
Ion Ratio Lower Upper
117 100
119 2.9 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.31 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

Tgt Ion: 98 Resp: 596572
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

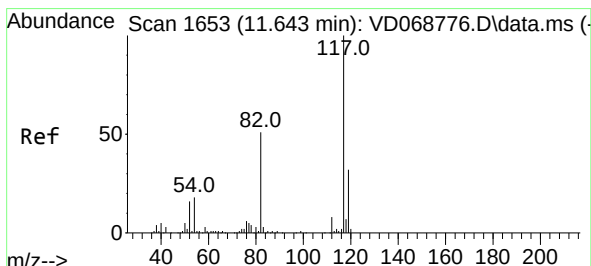
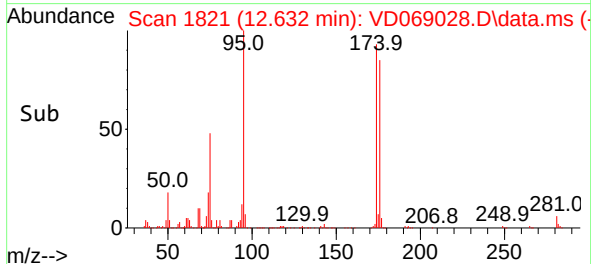
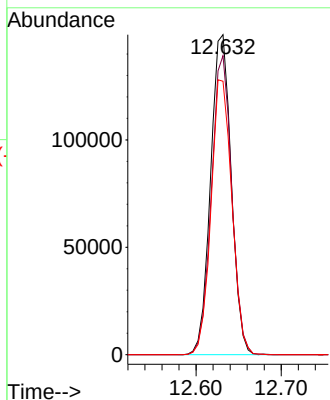
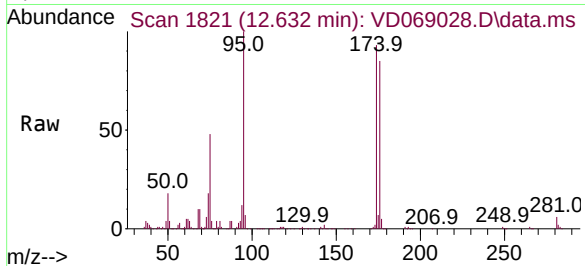




#62
4-Bromofluorobenzene
Concen: 66.09 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

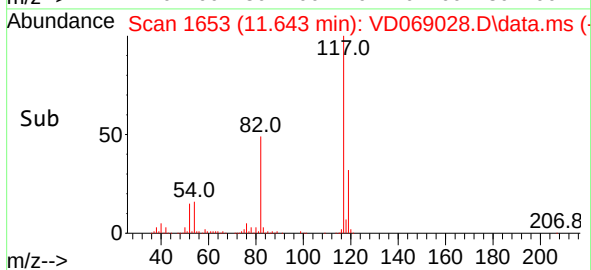
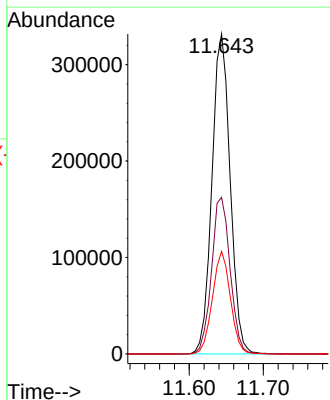
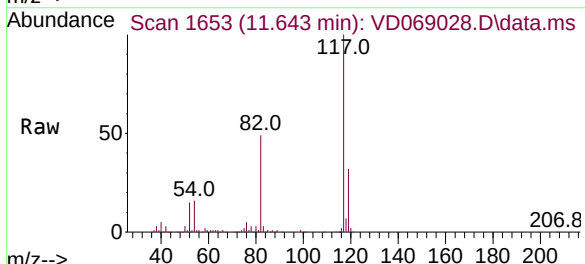
Instrument :
MSVOA_D
ClientSampled :

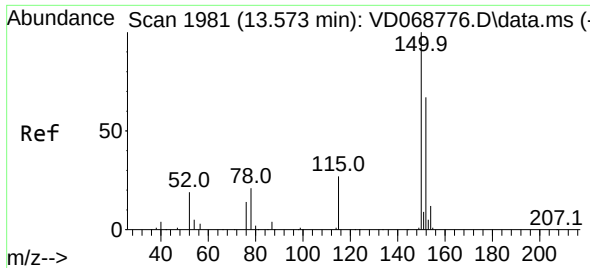
Tgt Ion: 95 Resp: 250313
Ion Ratio Lower Upper
95 100
174 92.2 0.0 168.0
176 87.0 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

Tgt Ion:117 Resp: 566589
Ion Ratio Lower Upper
117 100
82 48.9 43.5 65.3
119 32.1 26.7 40.1

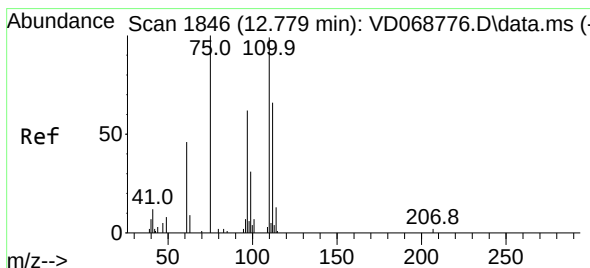
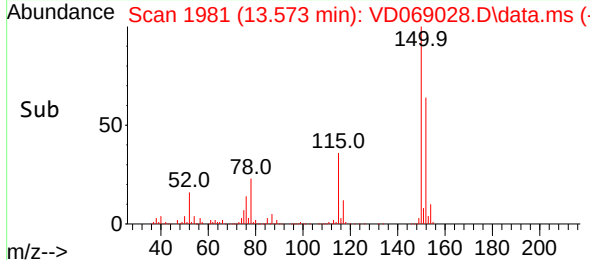
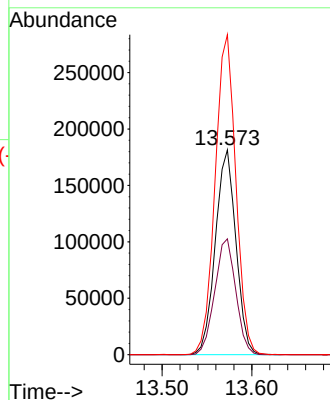
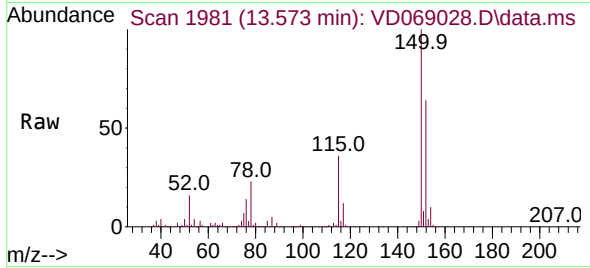




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

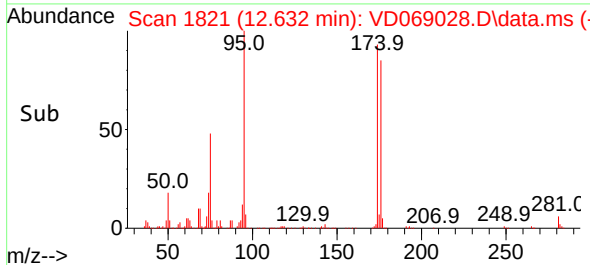
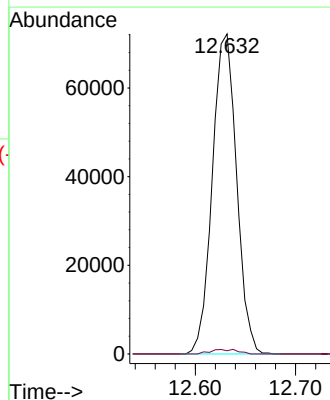
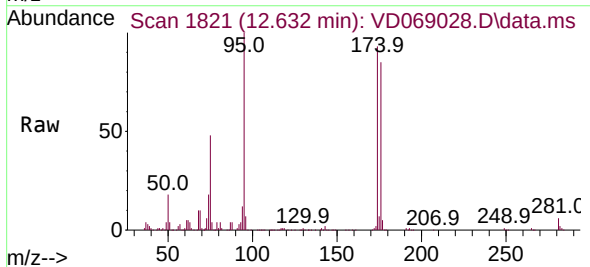
Instrument :
MSVOA_D
ClientSampleId :

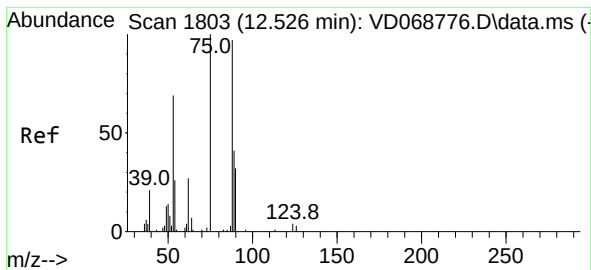
Tgt Ion:152 Resp: 289279
Ion Ratio Lower Upper
152 100
115 57.7 29.3 87.8
150 157.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 45.91 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD069028.D
Acq: 29 Apr 2021 19:52

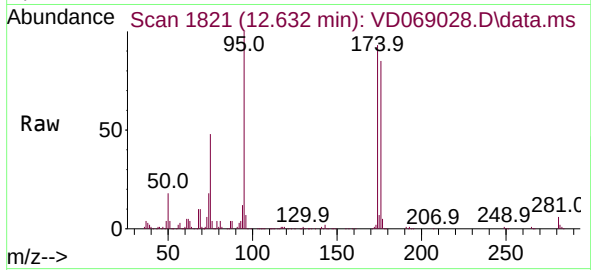
Tgt Ion: 75 Resp: 121321
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.54 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD069028.D
 Acq: 29 Apr 2021 19:52

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 121321
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 36.6 54.8#

