

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069312.D
 Acq On : 02 Jun 2021 20:15
 Operator : VA/SY
 Sample : M2580-12
 Misc : 5.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B4(4-6)

Quant Time: Jun 03 01:12:05 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)

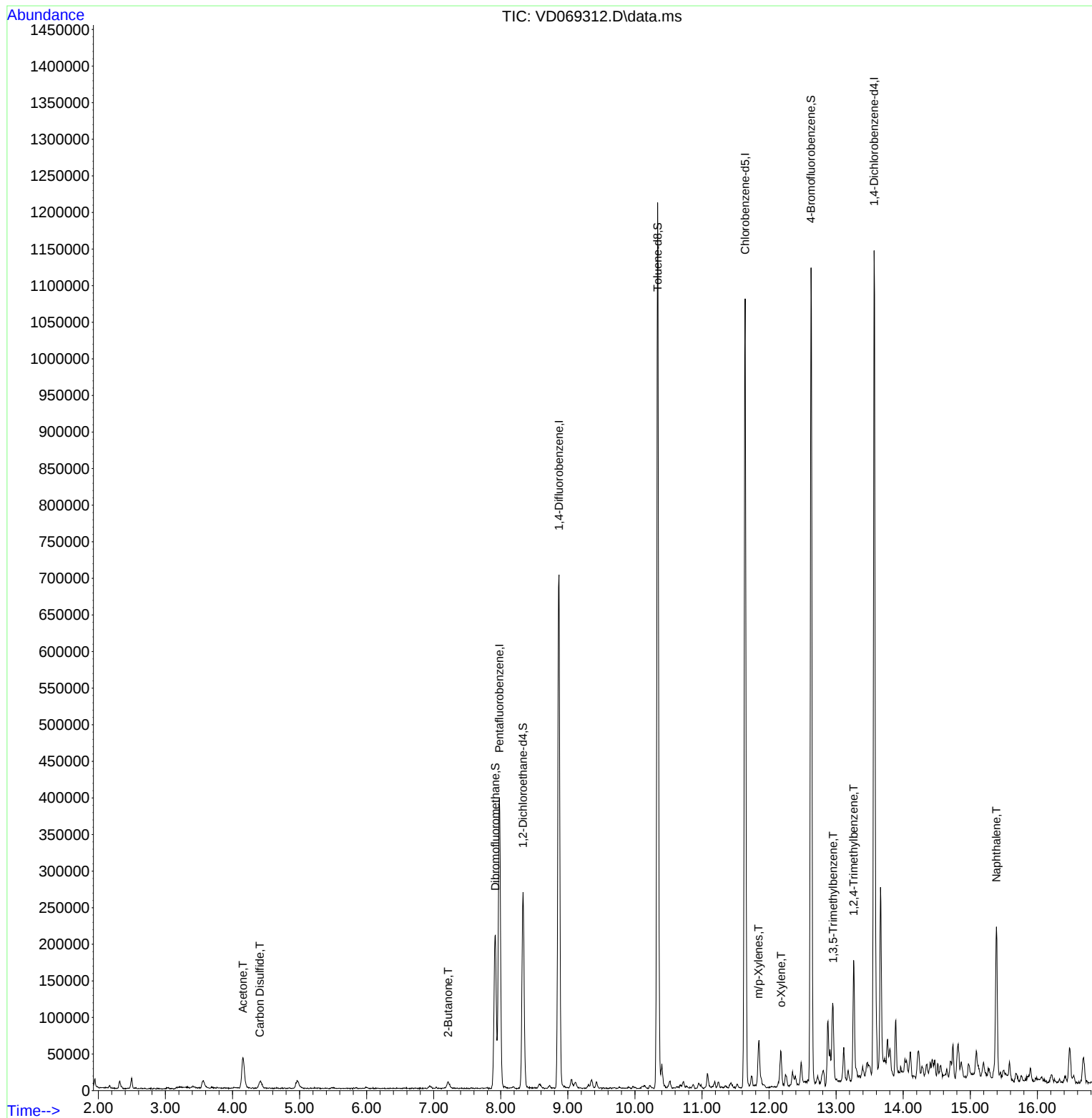
Internal Standards						
1) Pentafluorobenzene	7.979	168	303516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	642607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	662646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	304338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	213076	73.164	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 146.320%			
35) Dibromofluoromethane	7.920	113	157725	39.085	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 78.180%			
50) Toluene-d8	10.338	98	830670	56.607	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.220%			
62) 4-Bromofluorobenzene	12.626	95	286351	59.553	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.100%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	75570	148.696	ug/l	91
17) Carbon Disulfide	4.409	76	20856	2.072	ug/l	99
25) 2-Butanone	7.214	43	12952	19.367	ug/l #	88
68) m/p-Xylenes	11.843	106	16375	1.796	ug/l	100
69) o-Xylene	12.179	106	11800	1.464	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	36279	2.057	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	96394	5.495	ug/l	98
95) Naphthalene	15.390	128	190970	20.475	ug/l	99

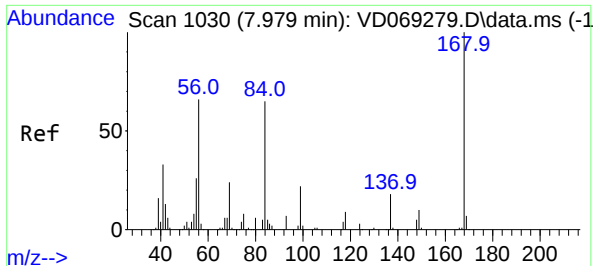
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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18-B4(4-6)

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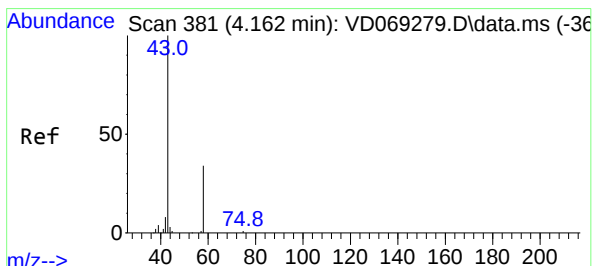
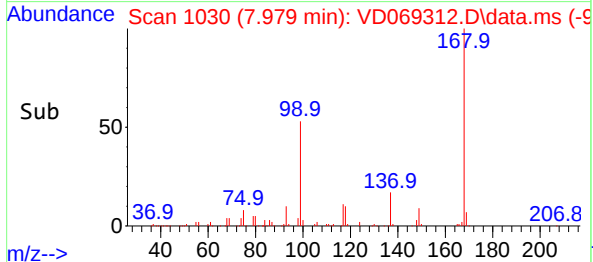
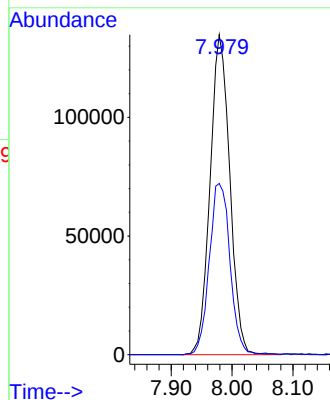
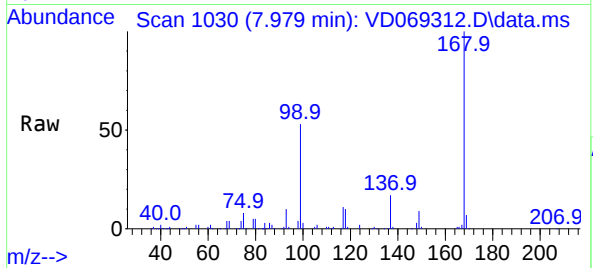




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

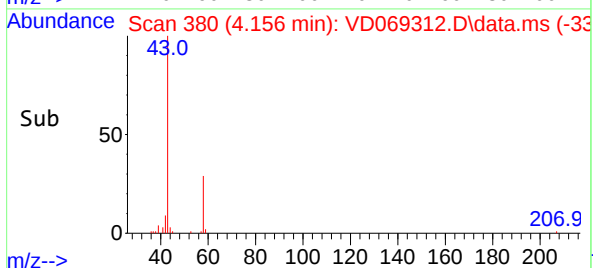
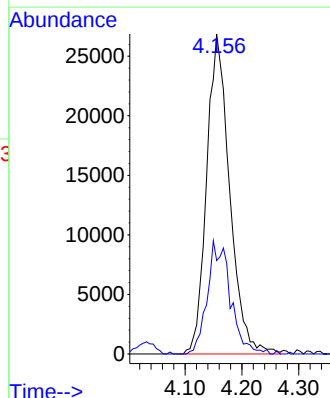
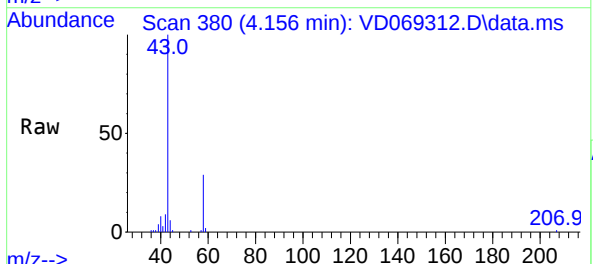
Instrument :
MSVOA_D
ClientSampleId :
18-B4(4-6)

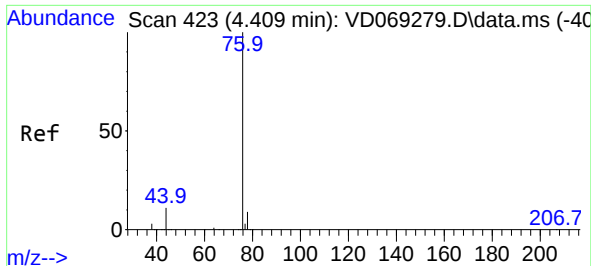
Tgt Ion:168 Resp: 303516
Ion Ratio Lower Upper
168 100
99 53.5 46.2 69.2



#16
Acetone
Concen: 148.696 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

Tgt Ion: 43 Resp: 75570
Ion Ratio Lower Upper
43 100
58 29.2 27.5 41.3

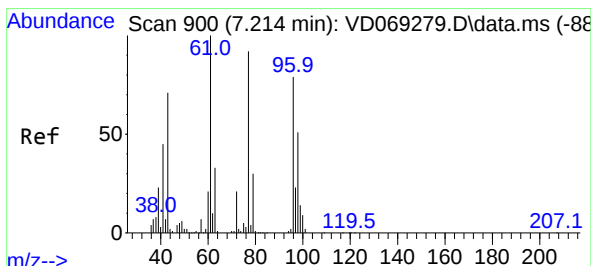
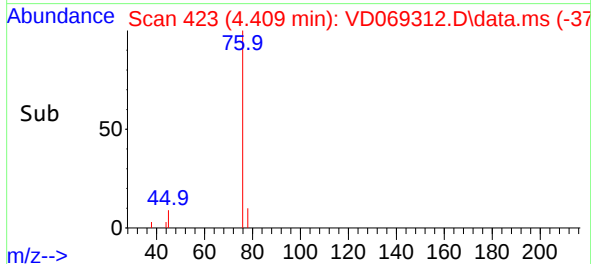
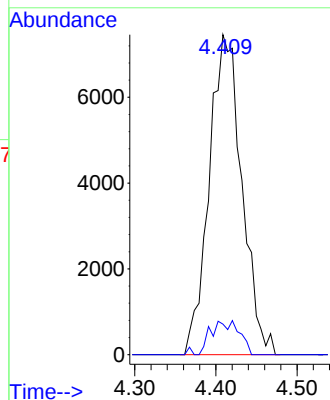
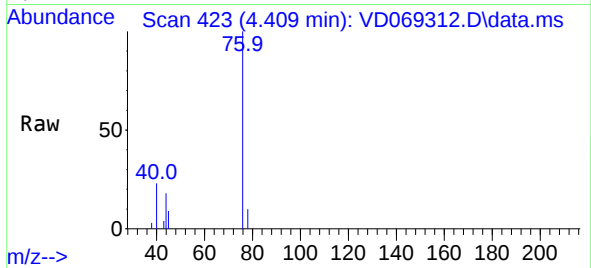




#17
Carbon Disulfide
Concen: 2.072 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

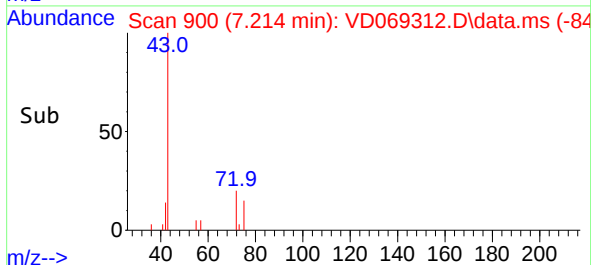
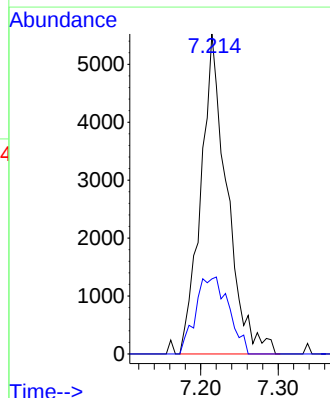
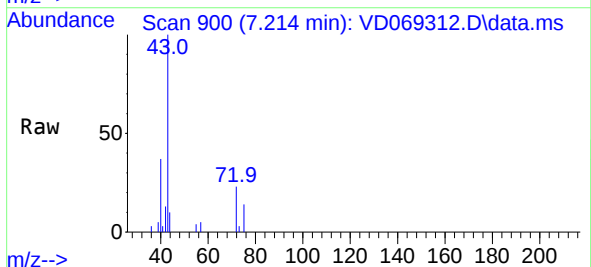
Instrument :
MSVOA_D
ClientSampleId :
18-B4(4-6)

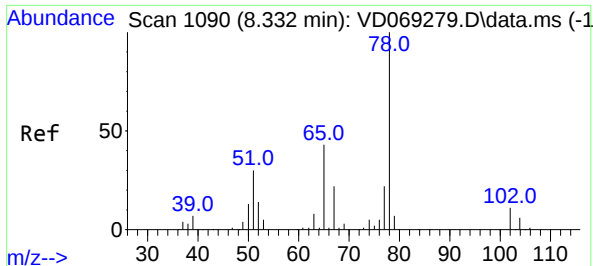
Tgt Ion: 76 Resp: 20856
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#25
2-Butanone
Concen: 19.367 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

Tgt Ion: 43 Resp: 12952
Ion Ratio Lower Upper
43 100
72 23.4 23.9 35.9#

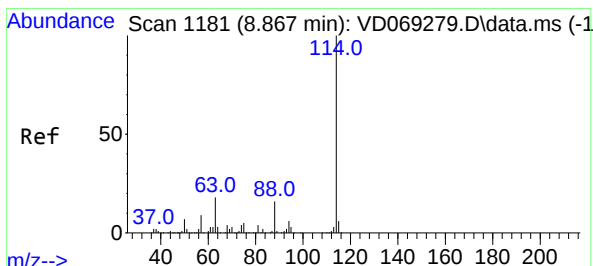
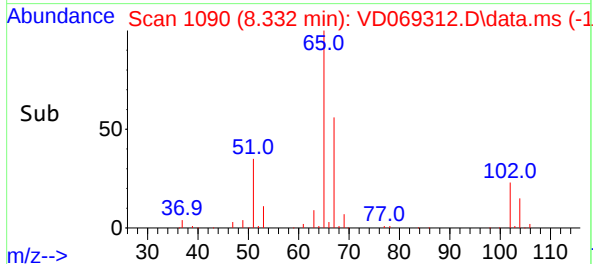
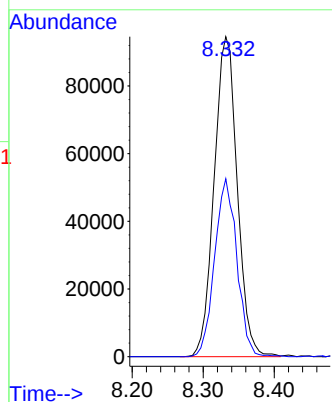
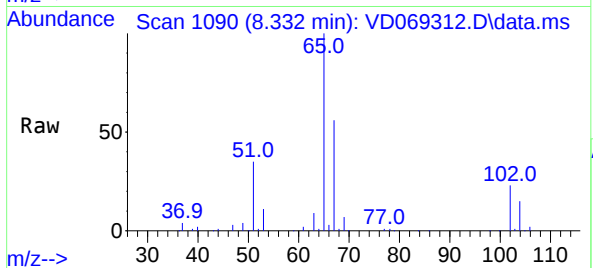




#33
1,2-Dichloroethane-d4
Concen: 73.164 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

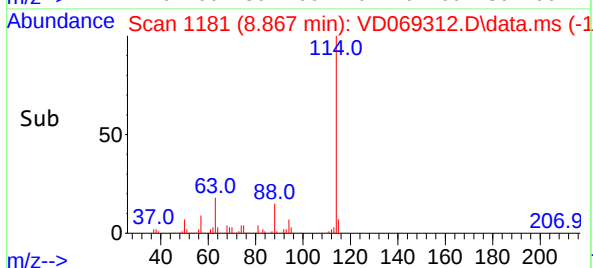
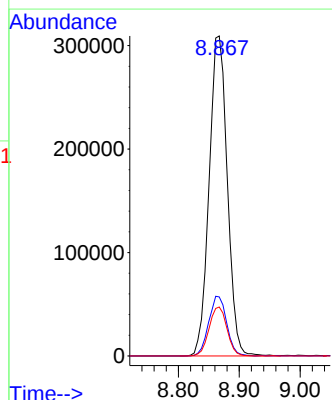
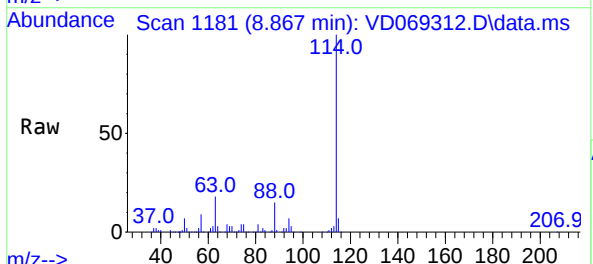
Instrument :
MSVOA_D
ClientSampleId :
18-B4(4-6)

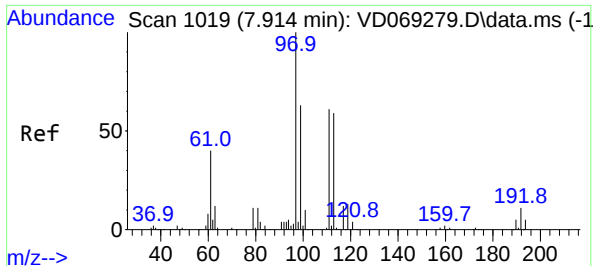
Tgt Ion: 65 Resp: 213076
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

Tgt Ion:114 Resp: 642607
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.6
88 15.3 0.0 31.2



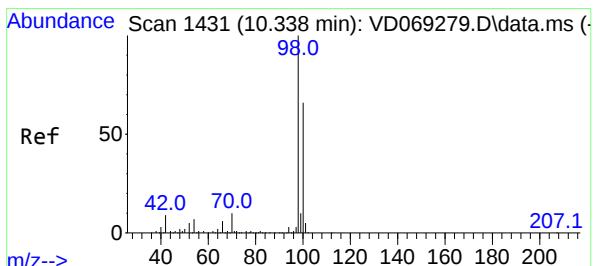
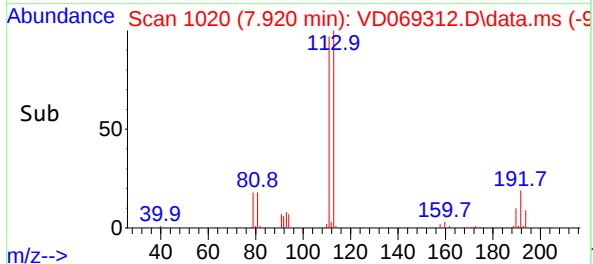
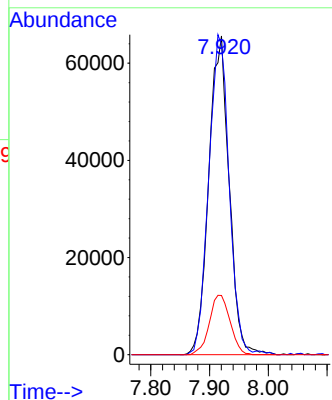
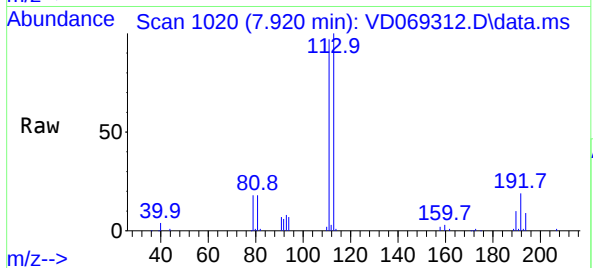


#35

Dibromofluoromethane
Concen: 39.085 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

Instrument :
MSVOA_D
ClientSampleId :
18-B4(4-6)

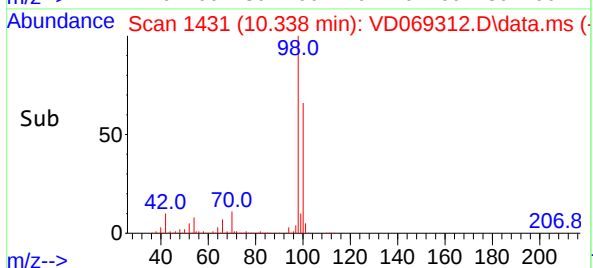
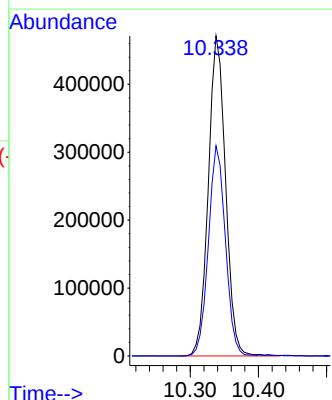
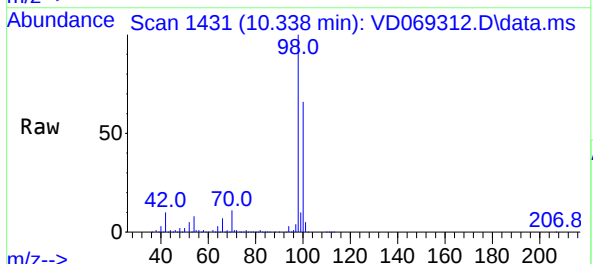
Tgt Ion:113 Resp: 157725
Ion Ratio Lower Upper
113 100
111 100.6 83.0 124.6
192 19.0 15.1 22.7

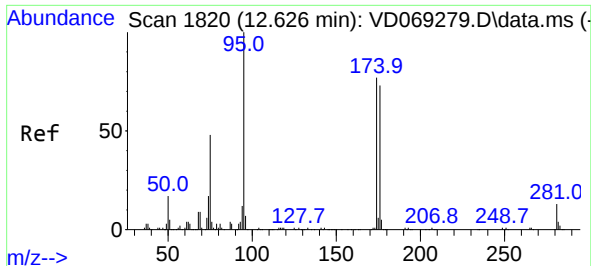


#50

Toluene-d8
Concen: 56.607 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

Tgt Ion: 98 Resp: 830670
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



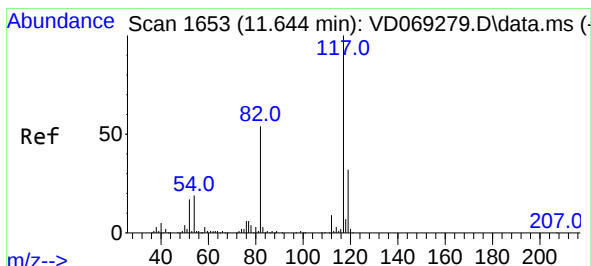
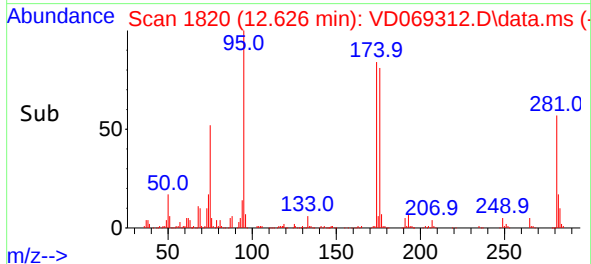
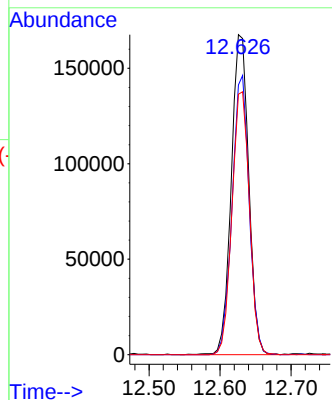
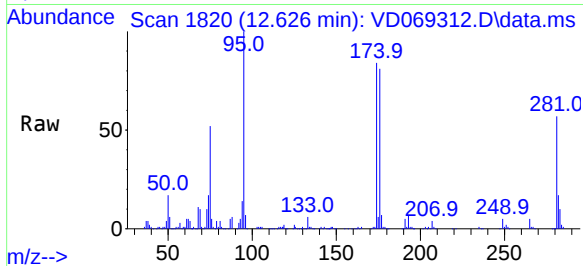


#62
4-Bromofluorobenzene
Concen: 59.553 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

Instrument :
MSVOA_D
ClientSampleId :
18-B4(4-6)

Tgt Ion: 95 Resp: 286351

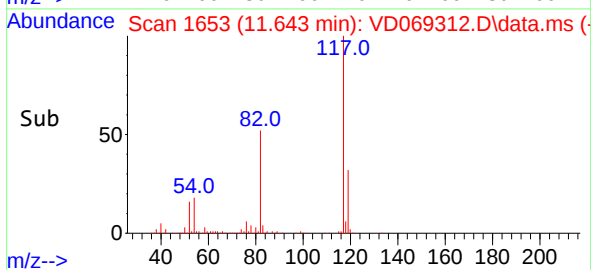
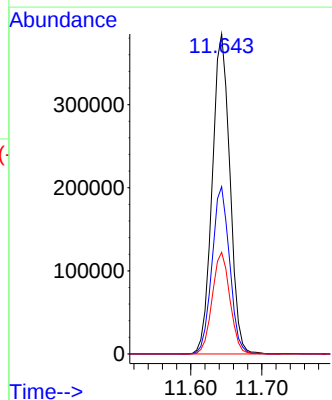
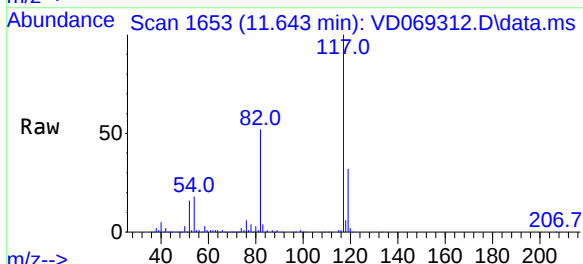
Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	162.8
176	82.2	0.0	154.4

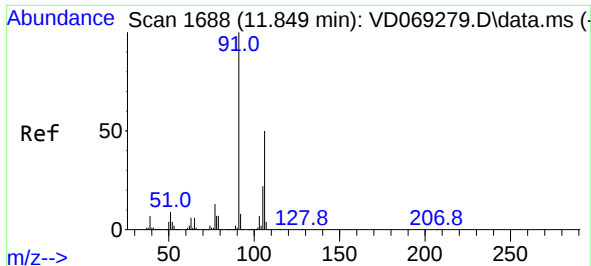


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

Tgt Ion: 117 Resp: 662646

Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.3	64.9
119	31.8	25.3	37.9

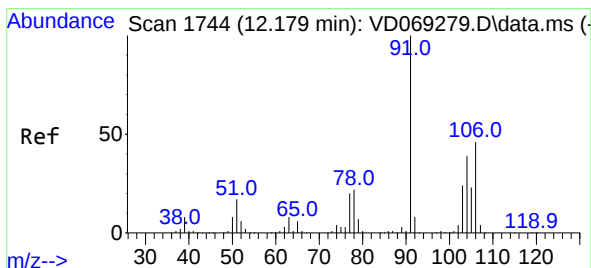
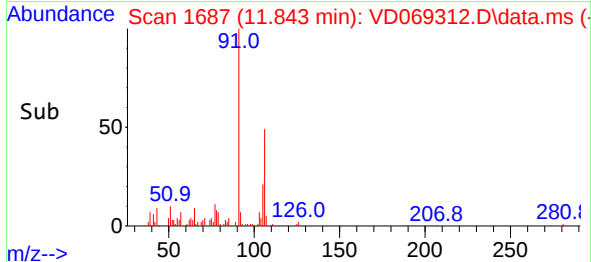
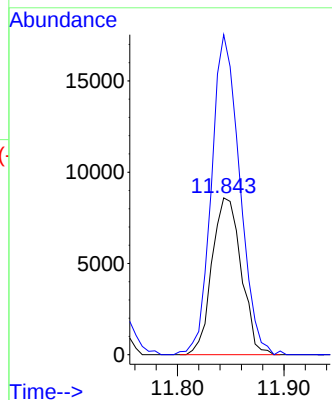
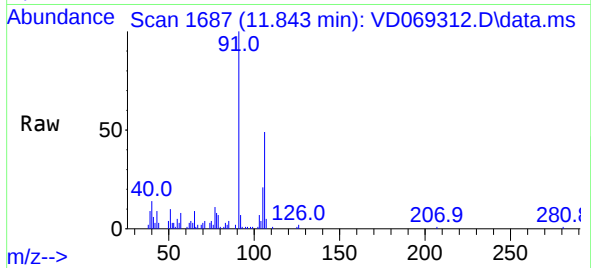




#68
m/p-Xylenes
Concen: 1.796 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

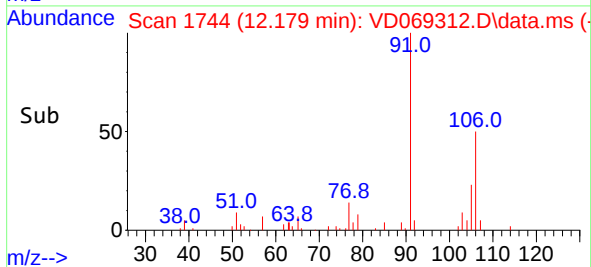
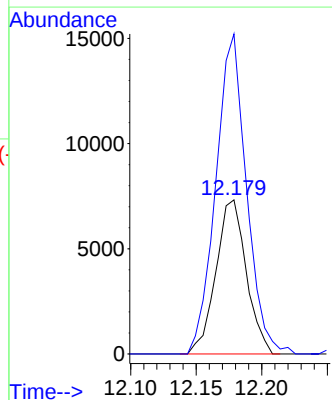
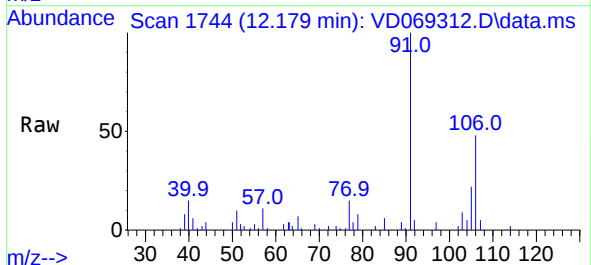
Instrument :
MSVOA_D
ClientSampleId :
18-B4(4-6)

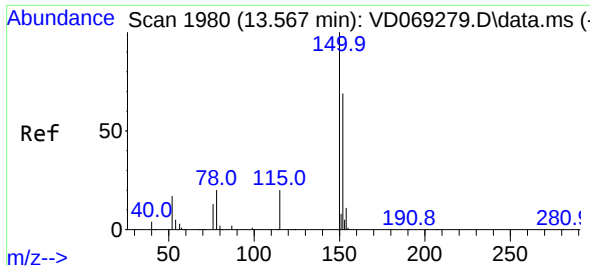
Tgt Ion:106 Resp: 16375
Ion Ratio Lower Upper
106 100
91 197.2 158.3 237.5



#69
o-Xylene
Concen: 1.464 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

Tgt Ion:106 Resp: 11800
Ion Ratio Lower Upper
106 100
91 209.7 105.5 316.4

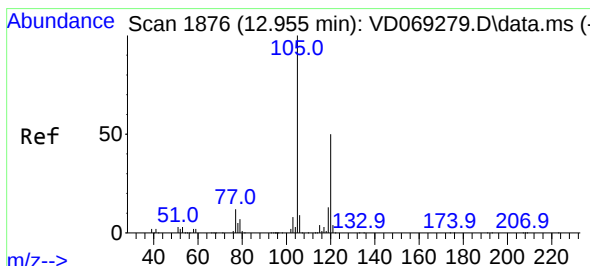
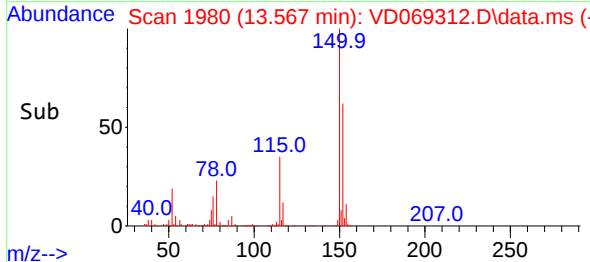
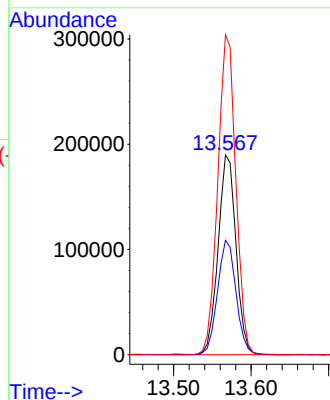
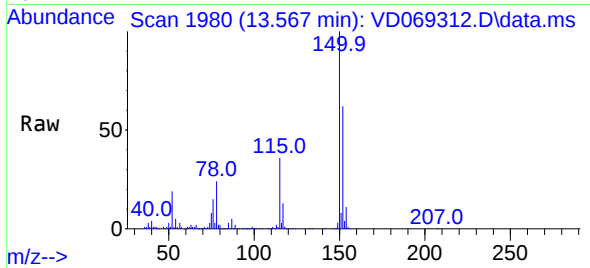




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

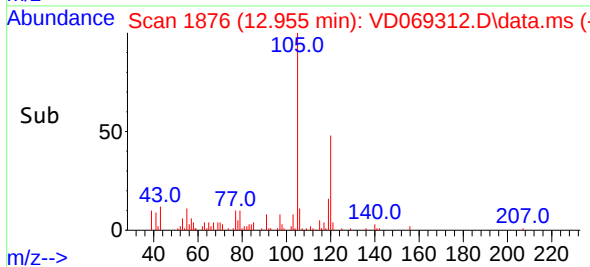
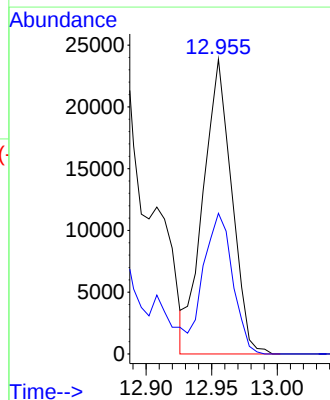
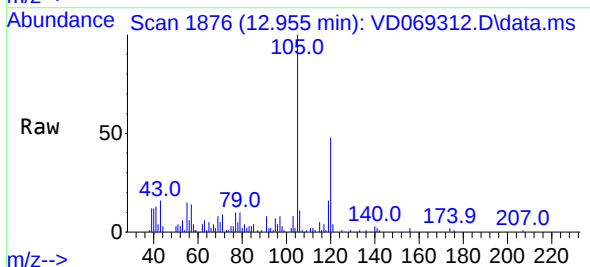
Instrument :
MSVOA_D
ClientSampleId :
18-B4(4-6)

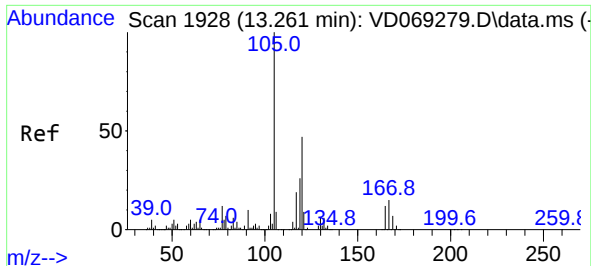
Tgt Ion:152 Resp: 304338
Ion Ratio Lower Upper
152 100
115 59.3 29.4 88.3
150 161.5 0.0 355.0



#80
1,3,5-Trimethylbenzene
Concen: 2.057 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

Tgt Ion:105 Resp: 36279
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.7

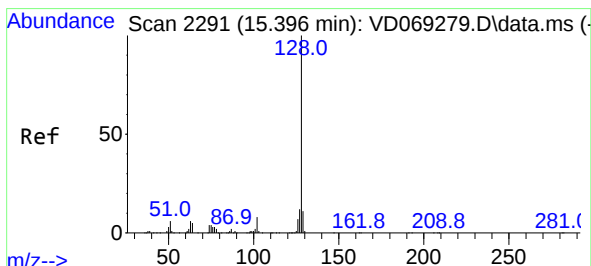
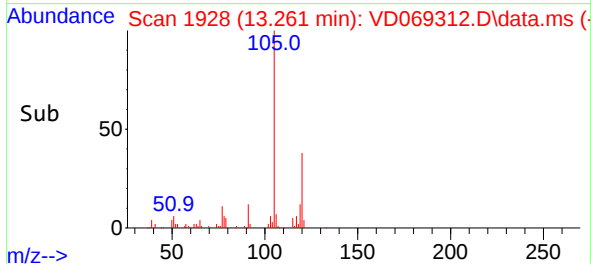
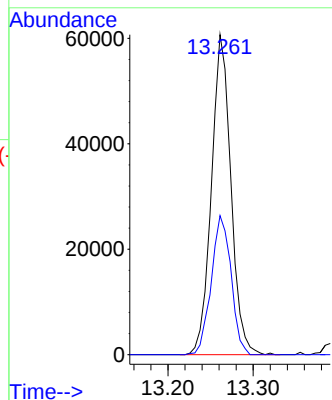
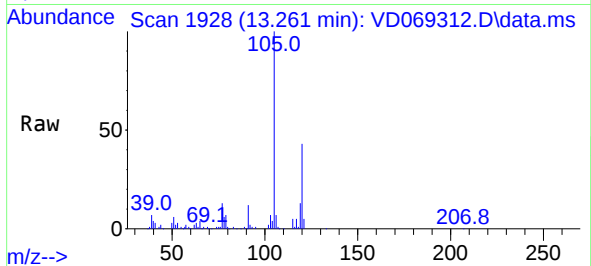




#84
1,2,4-Trimethylbenzene
Concen: 5.495 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

Instrument :
MSVOA_D
ClientSampleId :
18-B4(4-6)

Tgt Ion:105 Resp: 96394
Ion Ratio Lower Upper
105 100
120 44.1 22.6 67.8



#95
Naphthalene
Concen: 20.475 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069312.D
Acq: 02 Jun 2021 20:15

Tgt Ion:128 Resp: 190970
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.6 8.8 13.2

