

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060221\
 Data File : VD069308.D
 Acq On : 02 Jun 2021 18:23
 Operator : VA/SY
 Sample : M2580-08
 Misc : 9.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B3(2-4)

Quant Time: Jun 03 01:11:01 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)

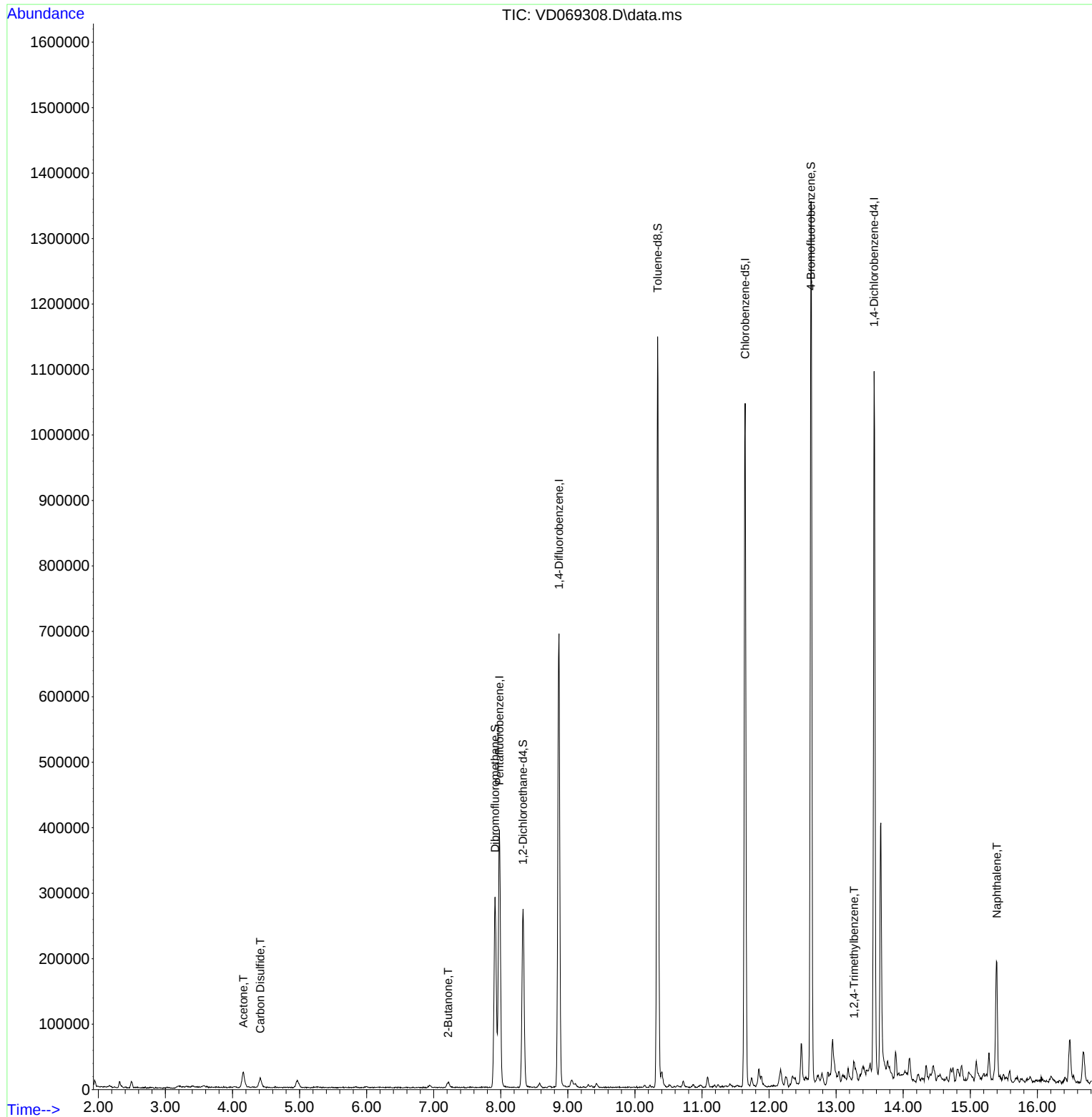
Internal Standards						
1) Pentafluorobenzene	7.979	168	290643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	622970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	635914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	304371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	215835	77.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.780%	
35) Dibromofluoromethane	7.914	113	209606	53.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.160%	
50) Toluene-d8	10.337	98	808123	56.807	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.620%	
62) 4-Bromofluorobenzene	12.626	95	294956	63.276	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	39442	81.046	ug/l	98
17) Carbon Disulfide	4.414	76	28467	2.953	ug/l	96
25) 2-Butanone	7.214	43	10299	16.082	ug/l	92
84) 1,2,4-Trimethylbenzene	13.267	105	19182	1.093	ug/l	88
95) Naphthalene	15.396	128	174394	18.983	ug/l	100

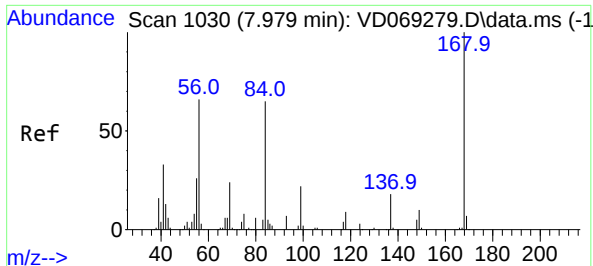
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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18-B3(2-4)

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
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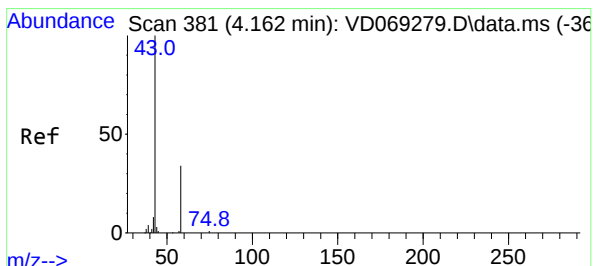
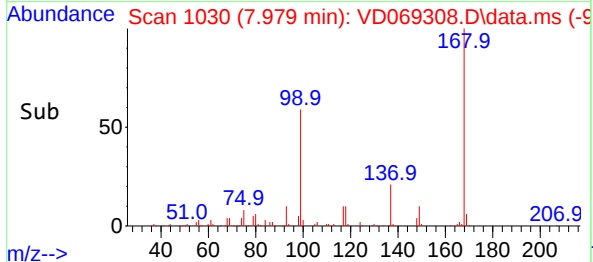
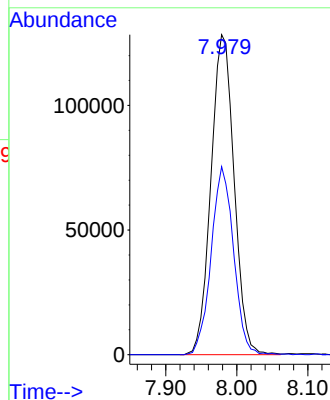
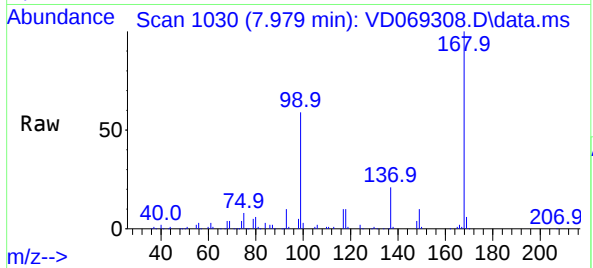




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

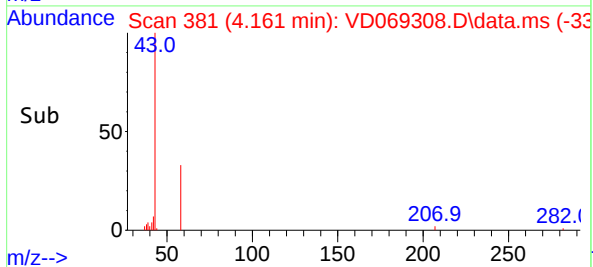
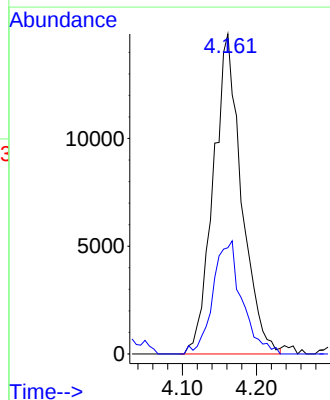
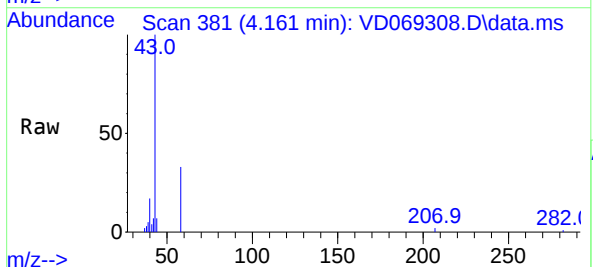
Instrument :
MSVOA_D
ClientSampled :
18-B3(2-4)

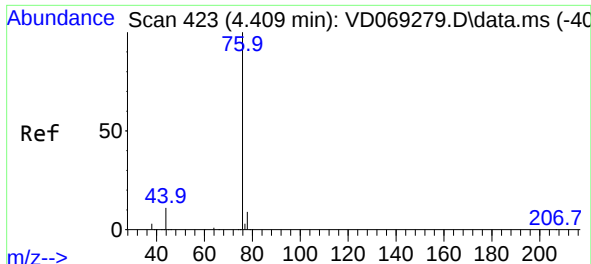
Tgt Ion:168 Resp: 290643
Ion Ratio Lower Upper
168 100
99 58.7 46.2 69.2



#16
Acetone
Concen: 81.046 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion: 43 Resp: 39442
Ion Ratio Lower Upper
43 100
58 33.2 27.5 41.3

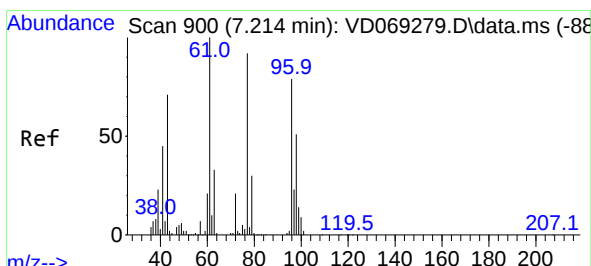
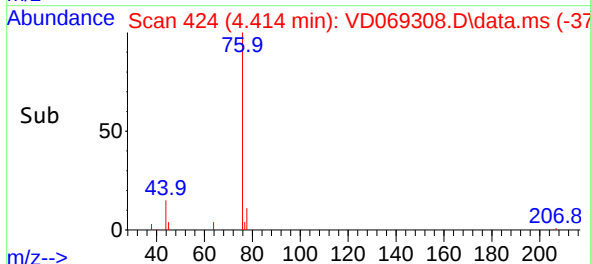
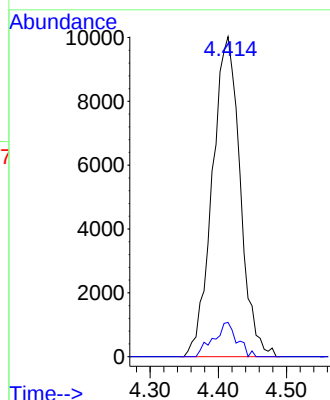
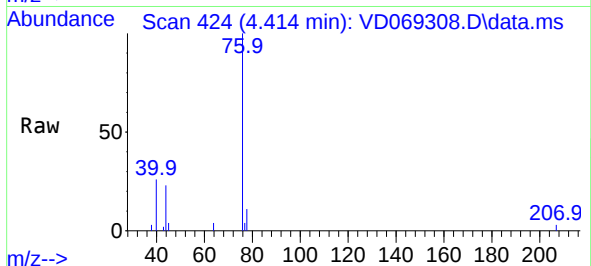




#17
Carbon Disulfide
Concen: 2.953 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

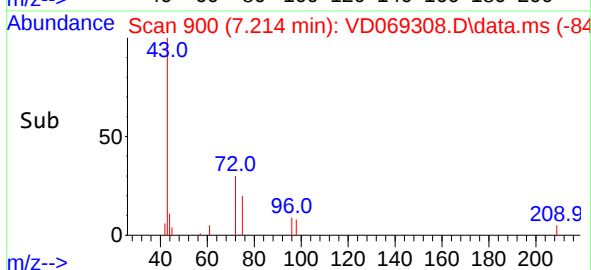
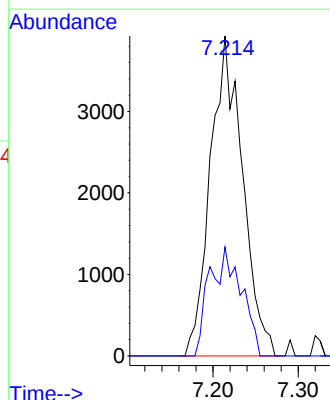
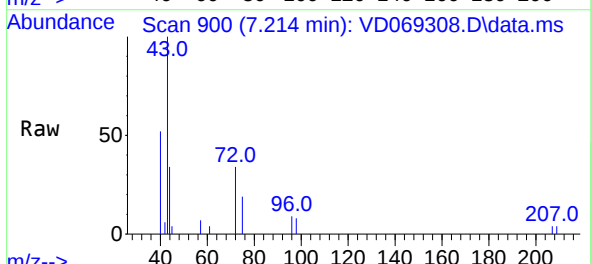
Instrument :
MSVOA_D
ClientSampleId :
18-B3(2-4)

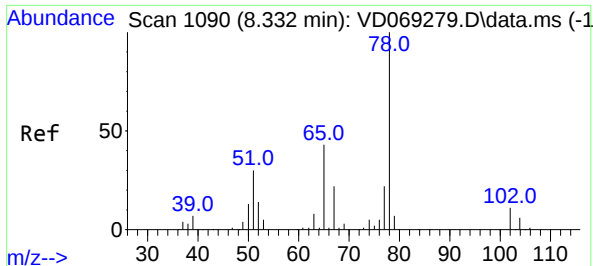
Tgt Ion: 76 Resp: 28467
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0



#25
2-Butanone
Concen: 16.082 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion: 43 Resp: 10299
Ion Ratio Lower Upper
43 100
72 34.0 23.9 35.9

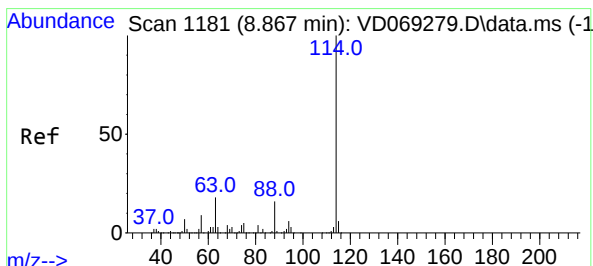
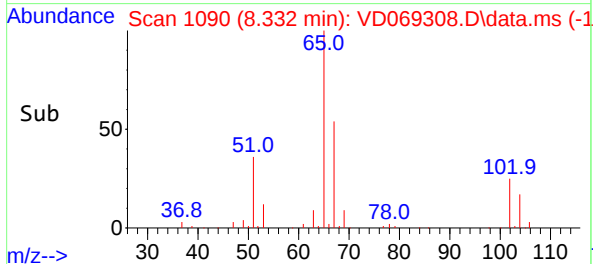
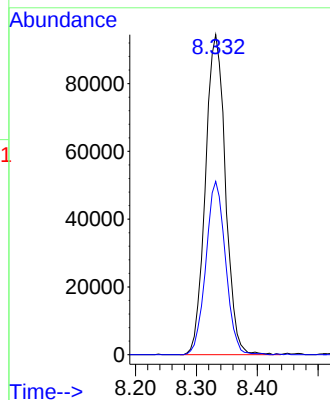
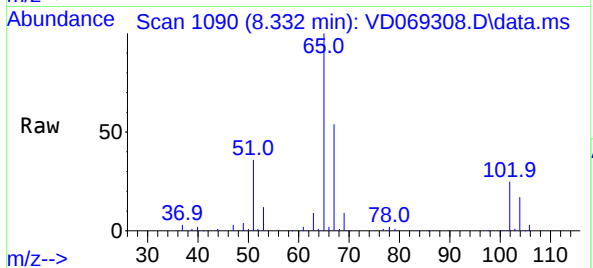




#33
1,2-Dichloroethane-d4
Concen: 77.394 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

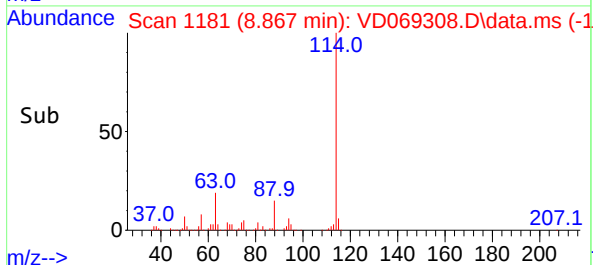
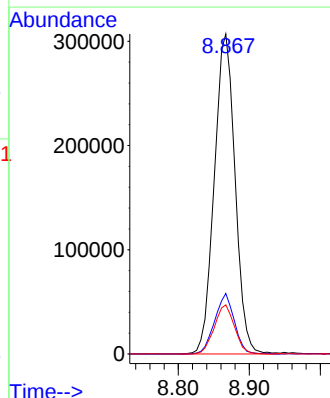
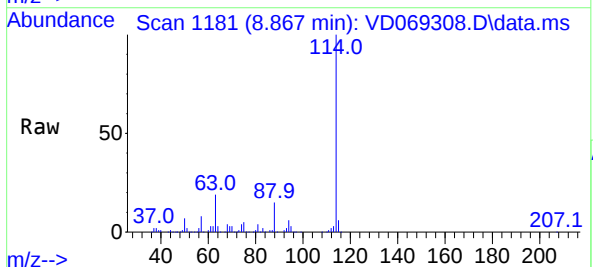
Instrument :
MSVOA_D
ClientSampleId :
18-B3(2-4)

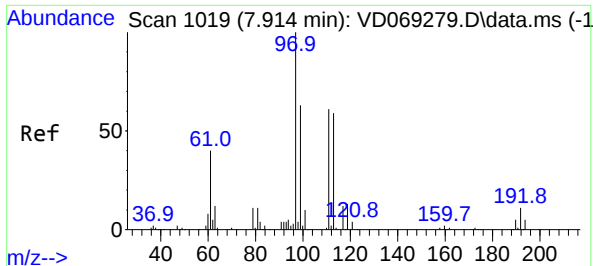
Tgt Ion: 65 Resp: 215835
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion: 114 Resp: 622970
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.6
88 15.3 0.0 31.2

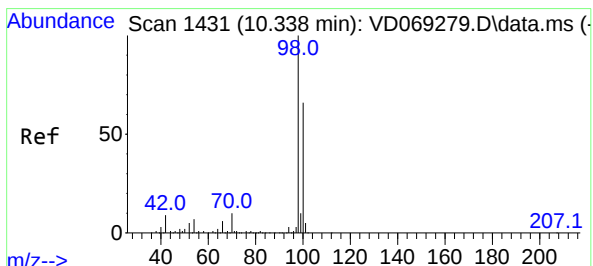
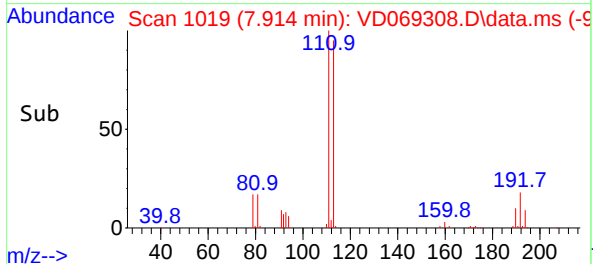
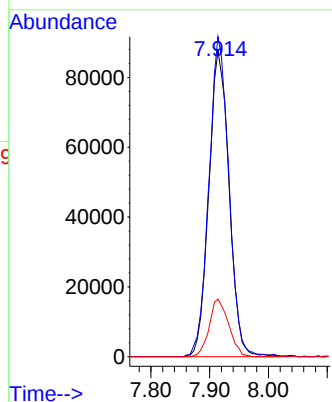
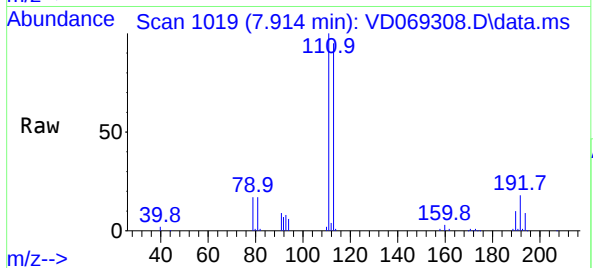




#35
Dibromofluoromethane
Concen: 53.579 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

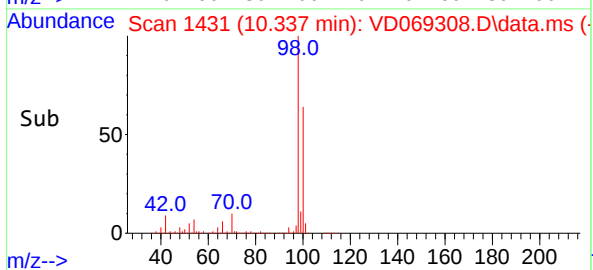
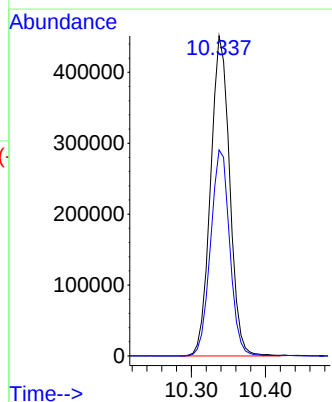
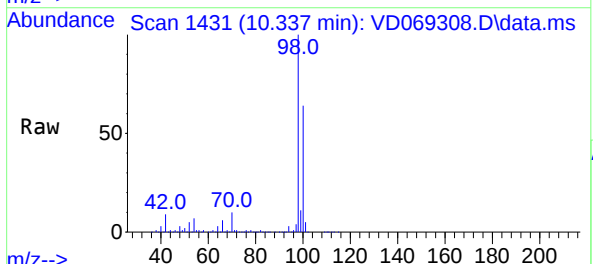
Instrument :
MSVOA_D
ClientSampleId :
18-B3(2-4)

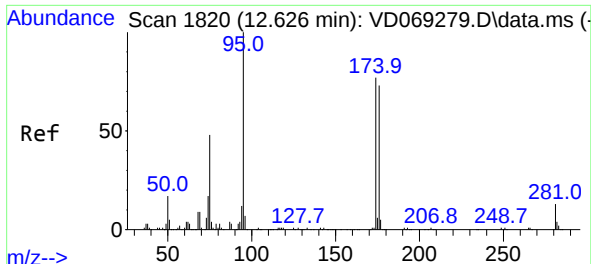
Tgt Ion:113 Resp: 209606
Ion Ratio Lower Upper
113 100
111 103.5 83.0 124.6
192 18.1 15.1 22.7



#50
Toluene-d8
Concen: 56.807 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion: 98 Resp: 808123
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



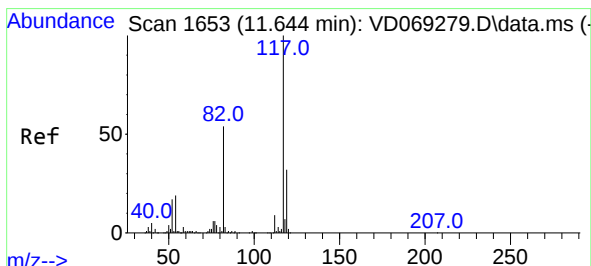
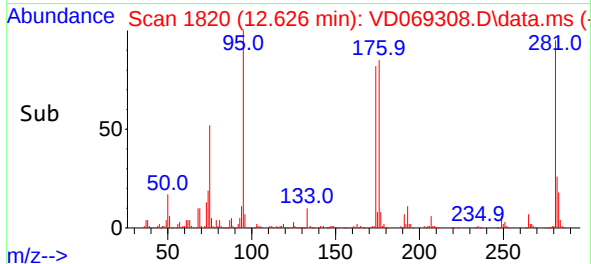
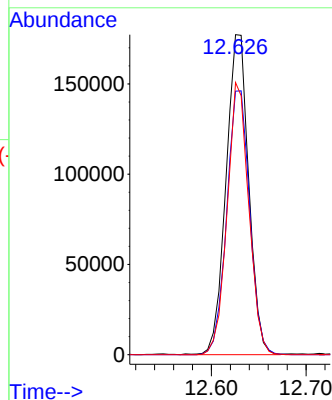
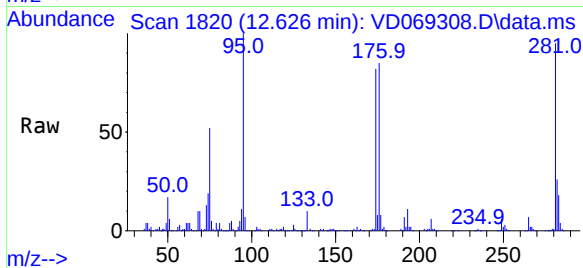


#62
4-Bromofluorobenzene
Concen: 63.276 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Instrument :
MSVOA_D
ClientSampleId :
18-B3(2-4)

Tgt Ion: 95 Resp: 294956

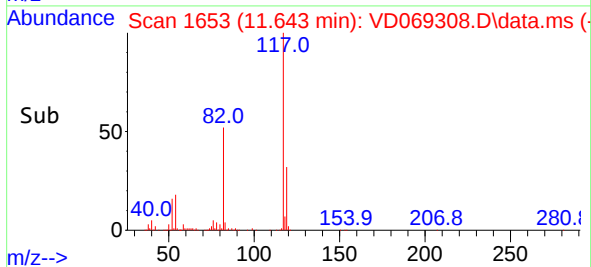
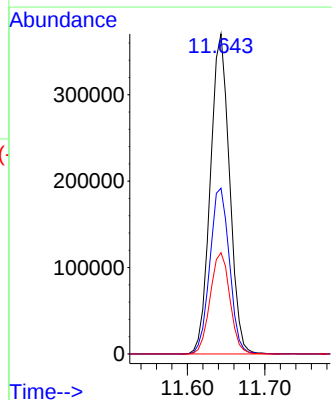
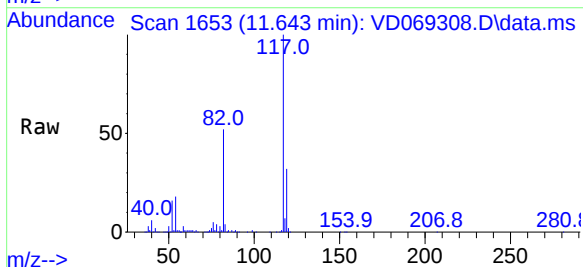
Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	162.8
176	80.7	0.0	154.4

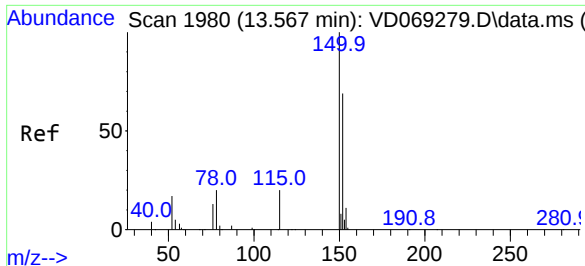


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion: 117 Resp: 635914

Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.3	64.9
119	31.7	25.3	37.9

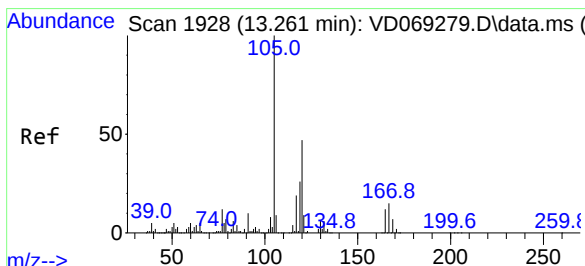
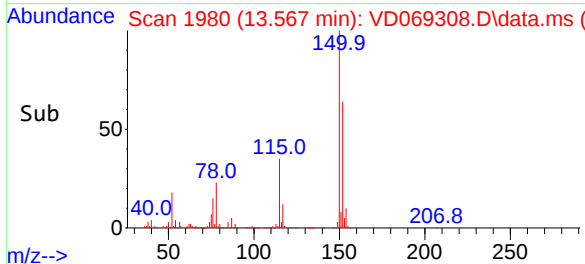
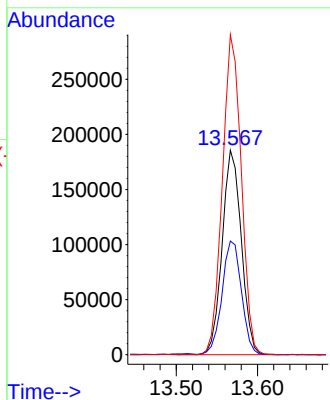
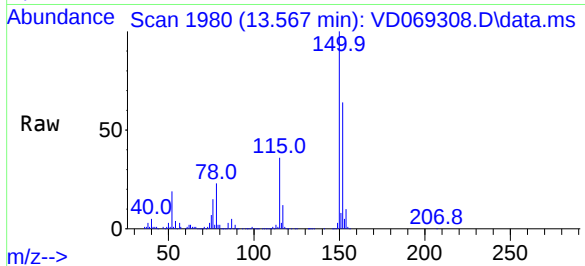




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

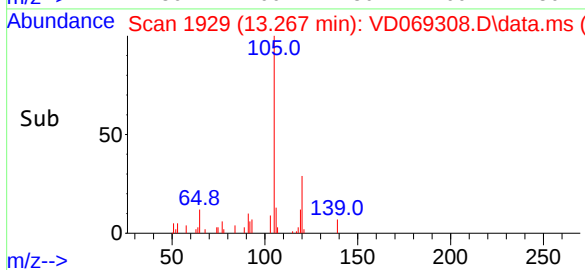
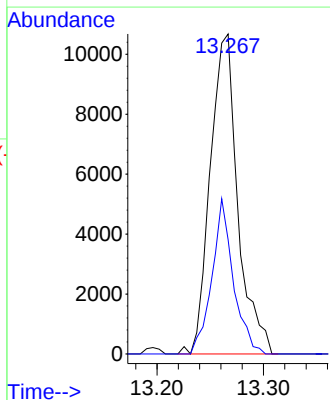
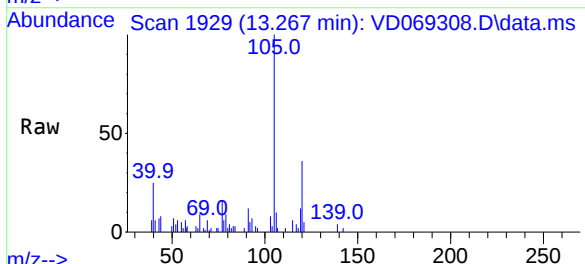
Instrument :
MSVOA_D
ClientSampleId :
18-B3(2-4)

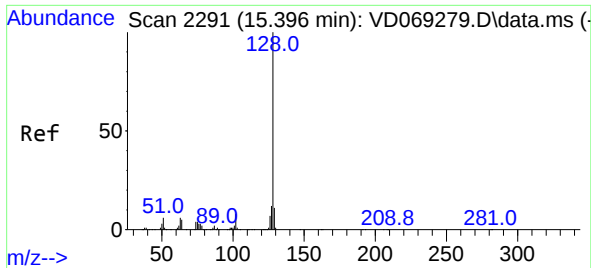
Tgt Ion:152 Resp: 304371
Ion Ratio Lower Upper
152 100
115 56.6 29.4 88.3
150 154.8 0.0 355.0



#84
1,2,4-Trimethylbenzene
Concen: 1.093 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Tgt Ion:105 Resp: 19182
Ion Ratio Lower Upper
105 100
120 37.6 22.6 67.8





#95
Naphthalene
Concen: 18.983 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD069308.D
Acq: 02 Jun 2021 18:23

Instrument :
MSVOA_D
ClientSampleId :
18-B3(2-4)

Tgt Ion:128 Resp: 174394
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.0 8.8 13.2

