

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069444.D
 Acq On : 15 Jun 2021 14:42
 Operator : VA/SY
 Sample : M2580-05
 Misc : 10.66G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B2(2-4)

Quant Time: Jun 16 02:00:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

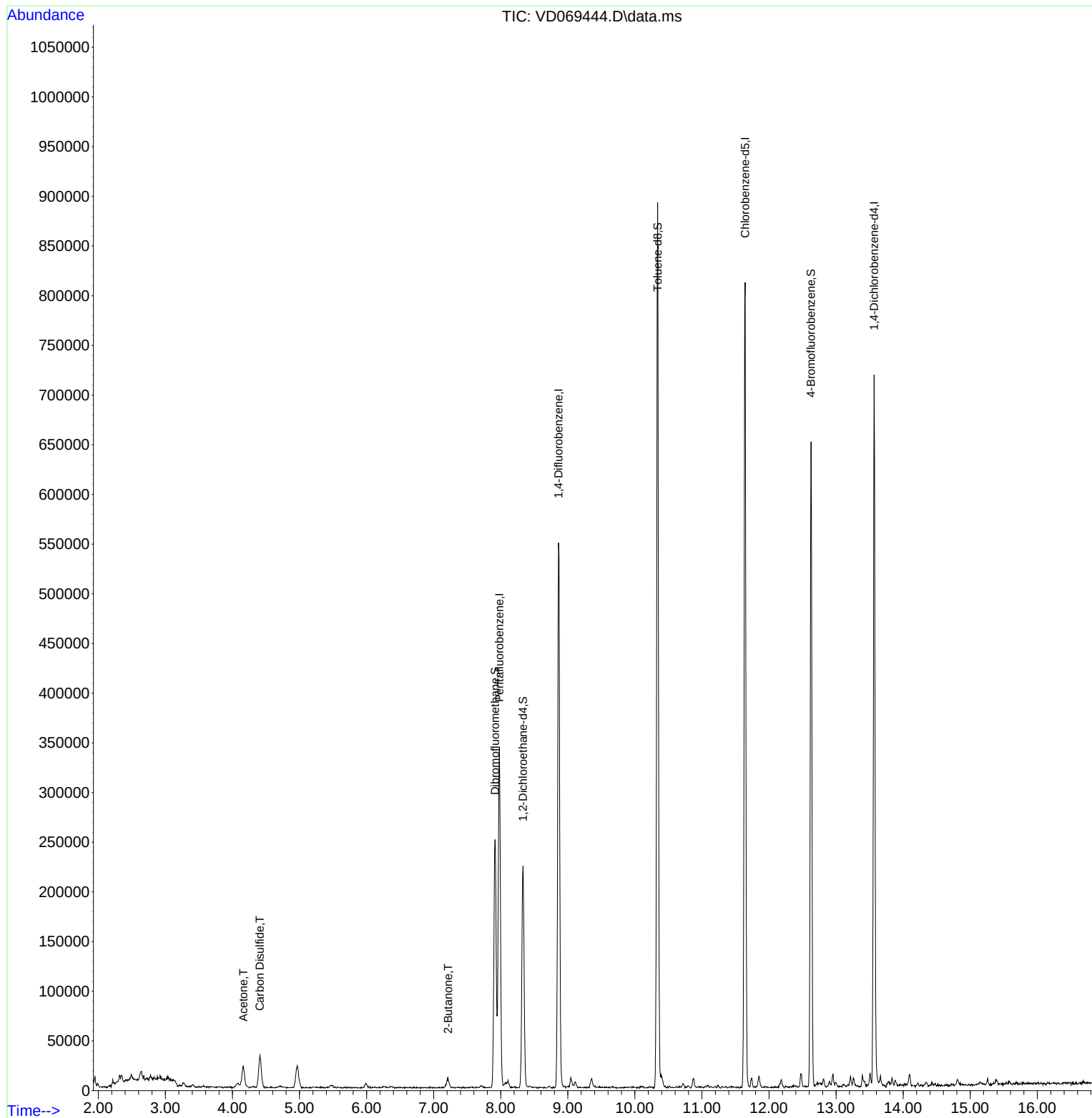
Internal Standards						
1) Pentafluorobenzene	7.979	168	253923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	492482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	501765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	197315	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	180922	63.157	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.320%	
35) Dibromofluoromethane	7.914	113	184512	50.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.040%	
50) Toluene-d8	10.338	98	627151	46.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.980%	
62) 4-Bromofluorobenzene	12.626	95	197204	45.556	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.120%	
Target Compounds						Qvalue
16) Acetone	4.162	43	36854	77.724	ug/l	93
17) Carbon Disulfide	4.409	76	70321	8.073	ug/l	96
25) 2-Butanone	7.214	43	5522	9.339	ug/l #	85

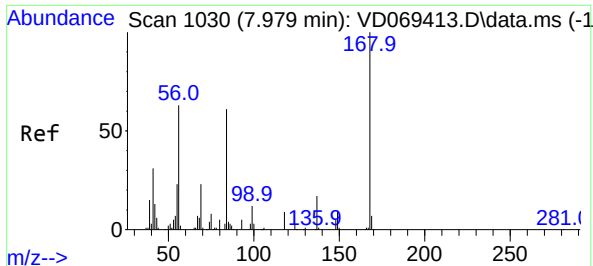
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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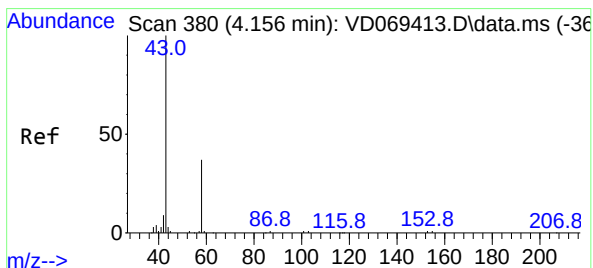
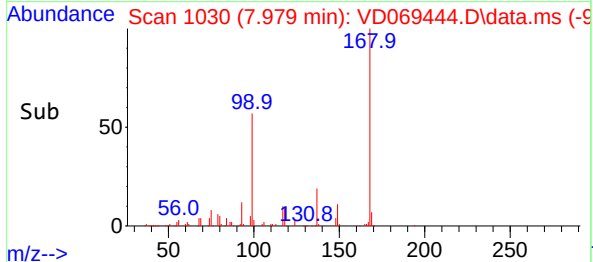
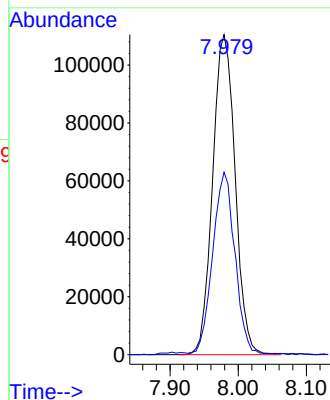
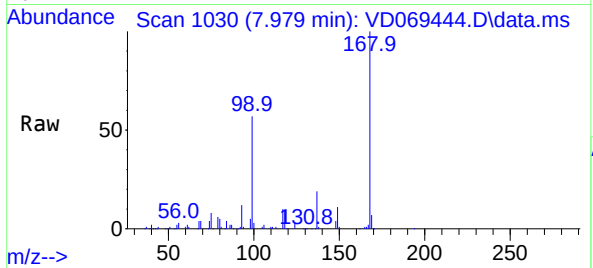




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069444.D
Acq: 15 Jun 2021 14:42

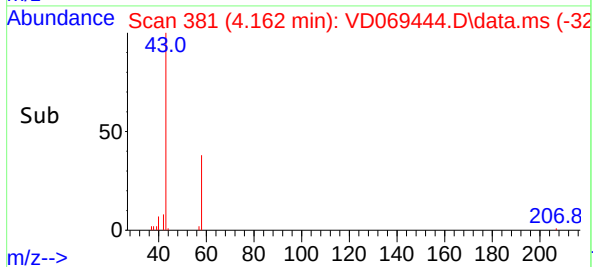
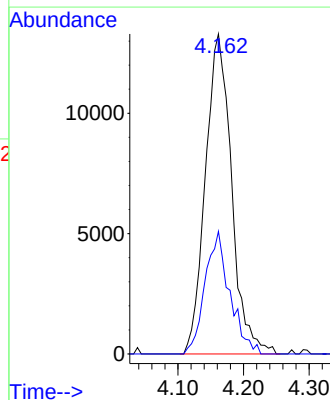
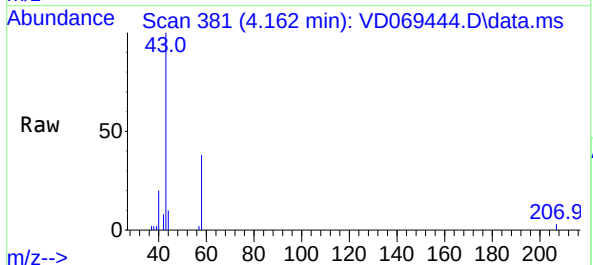
Instrument :
MSVOA_D
ClientSampleId :
18-B2(2-4)

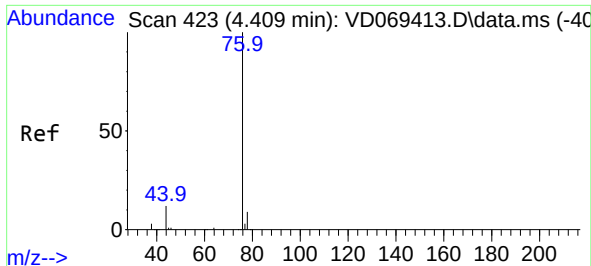
Tgt Ion:168 Resp: 253923
Ion Ratio Lower Upper
168 100
99 56.6 46.2 69.2



#16
Acetone
Concen: 77.724 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069444.D
Acq: 15 Jun 2021 14:42

Tgt Ion: 43 Resp: 36854
Ion Ratio Lower Upper
43 100
58 38.3 27.5 41.3

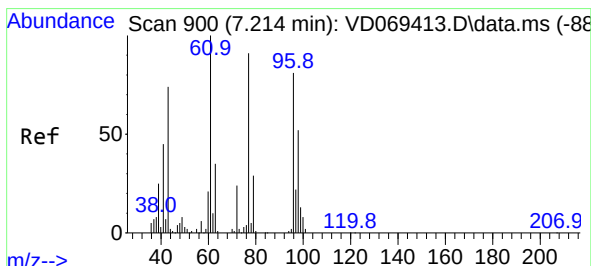
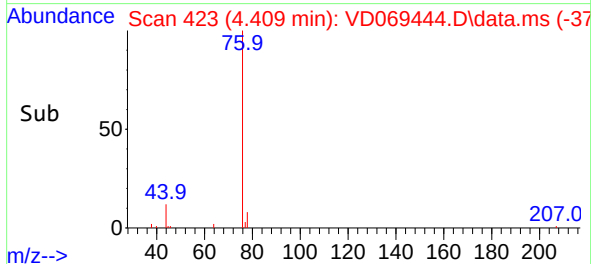
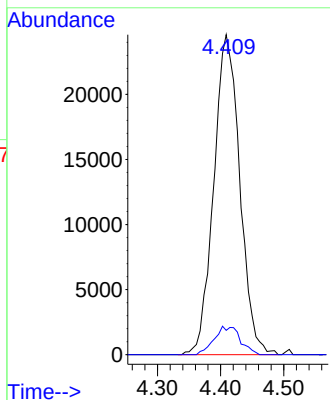
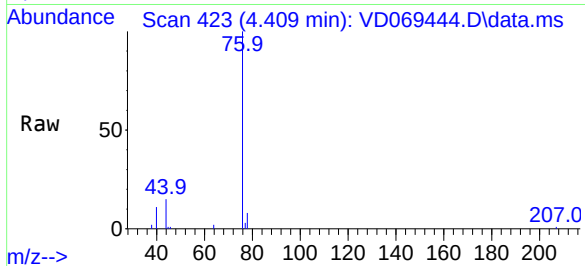




#17
Carbon Disulfide
Concen: 8.073 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069444.D
Acq: 15 Jun 2021 14:42

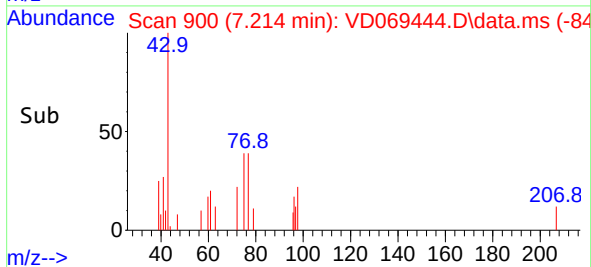
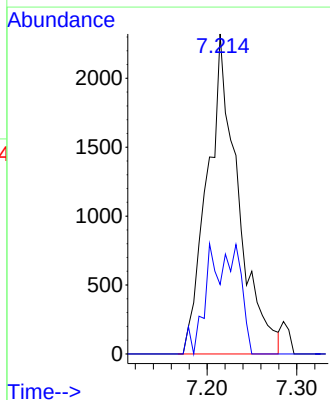
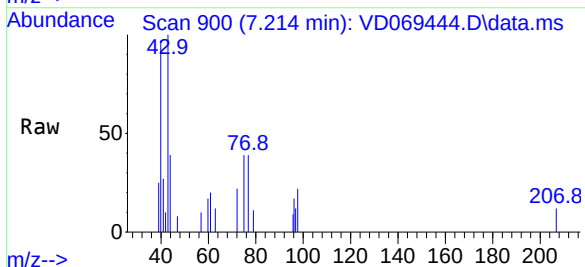
Instrument :
MSVOA_D
ClientSampleId :
18-B2(2-4)

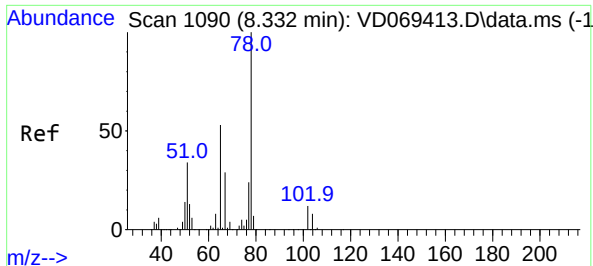
Tgt Ion: 76 Resp: 70321
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0



#25
2-Butanone
Concen: 9.339 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069444.D
Acq: 15 Jun 2021 14:42

Tgt Ion: 43 Resp: 5522
Ion Ratio Lower Upper
43 100
72 21.7 23.9 35.9#



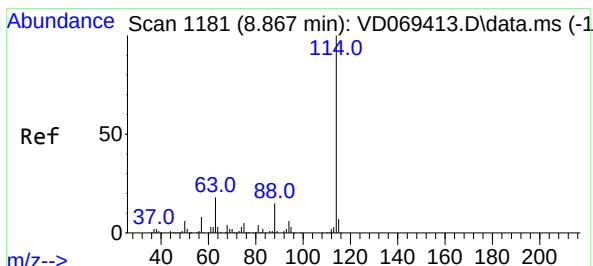
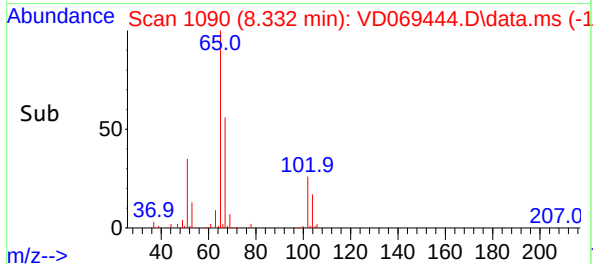
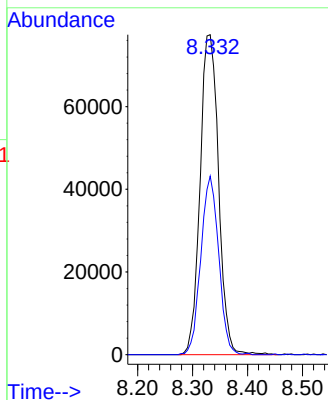
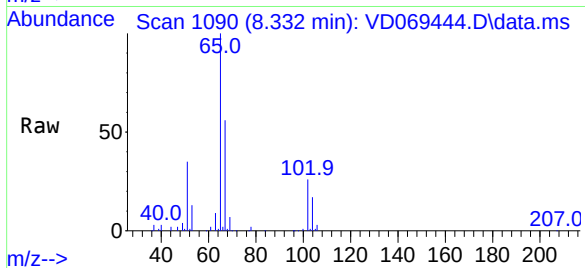


#33

1,2-Dichloroethane-d4
Concen: 63.157 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069444.D
Acq: 15 Jun 2021 14:42

Instrument :
MSVOA_D
ClientSampleId :
18-B2(2-4)

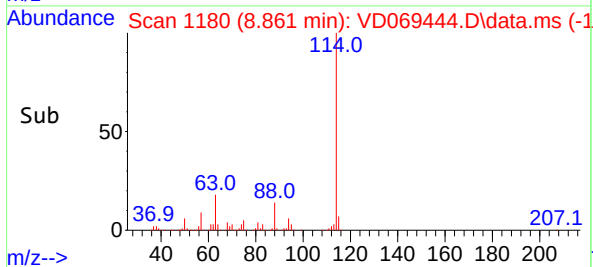
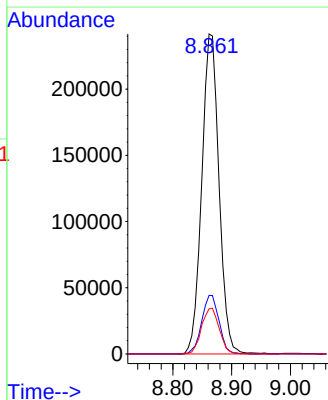
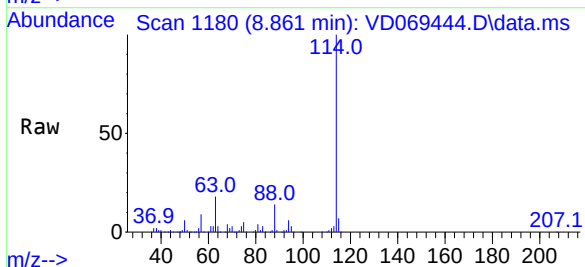
Tgt Ion: 65 Resp: 180922
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.8

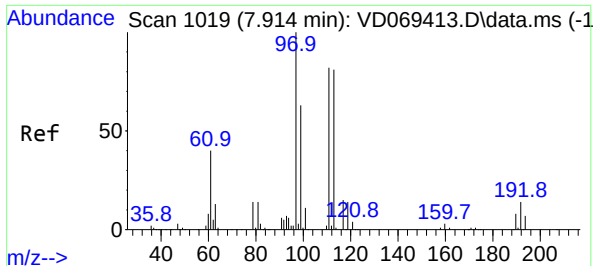


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069444.D
Acq: 15 Jun 2021 14:42

Tgt Ion:114 Resp: 492482
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.6
88 14.1 0.0 31.2

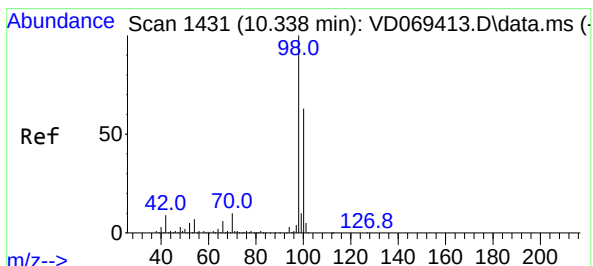
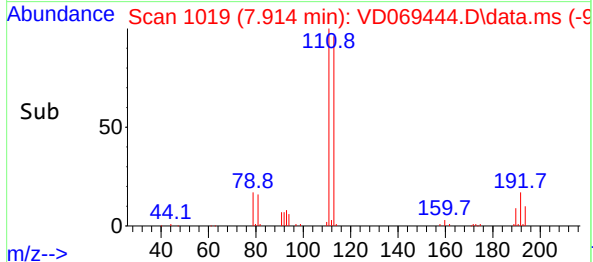
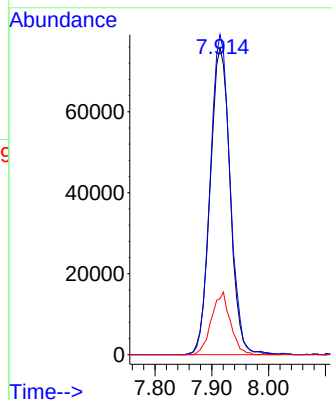
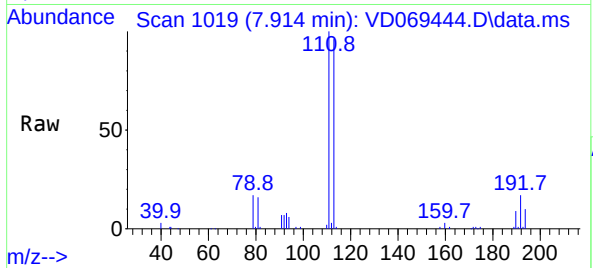




#35
Dibromofluoromethane
Concen: 50.021 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069444.D
Acq: 15 Jun 2021 14:42

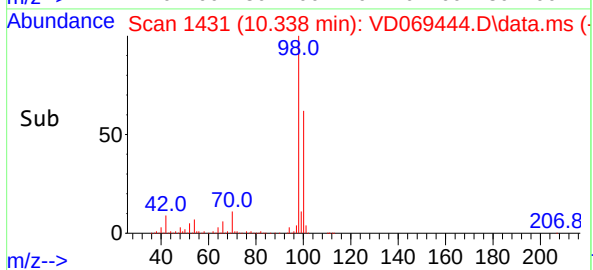
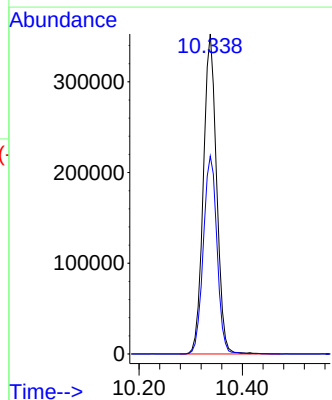
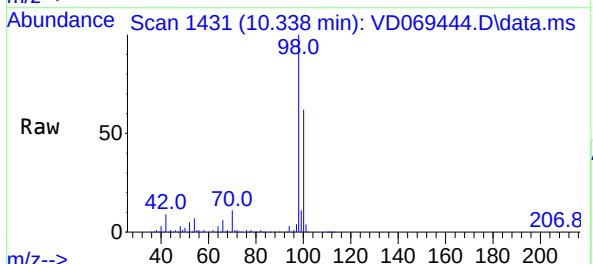
Instrument :
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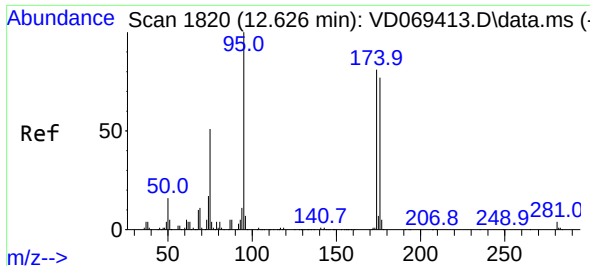
Tgt Ion:113 Resp: 184512
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 19.3 15.1 22.7



#50
Toluene-d8
Concen: 46.486 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069444.D
Acq: 15 Jun 2021 14:42

Tgt Ion: 98 Resp: 627151
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1

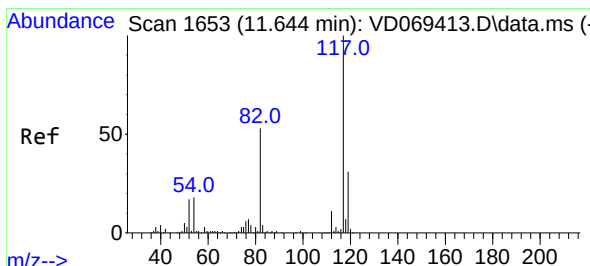
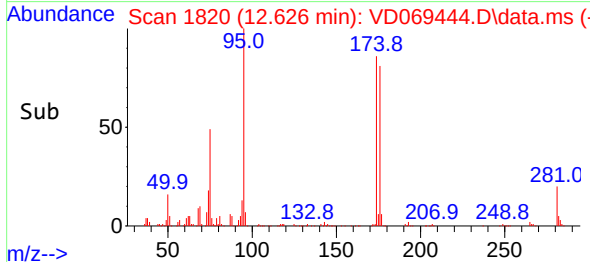
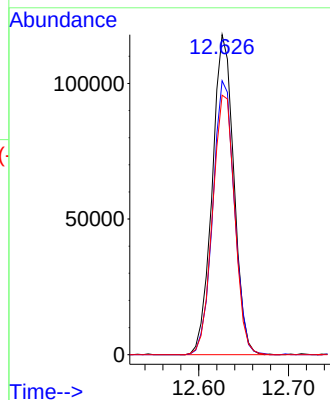
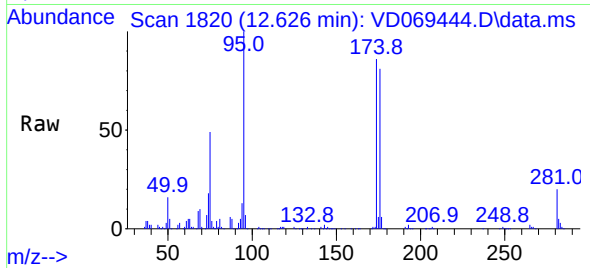




#62
4-Bromofluorobenzene
Concen: 45.556 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069444.D
Acq: 15 Jun 2021 14:42

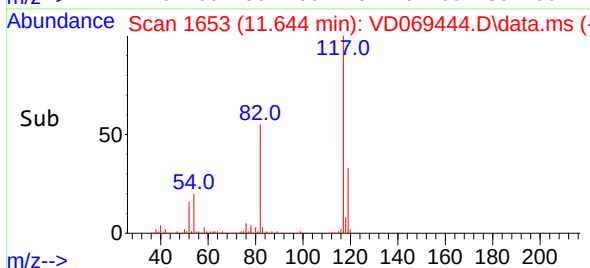
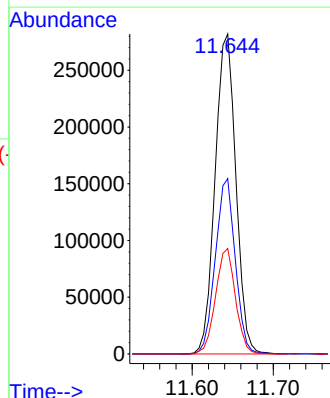
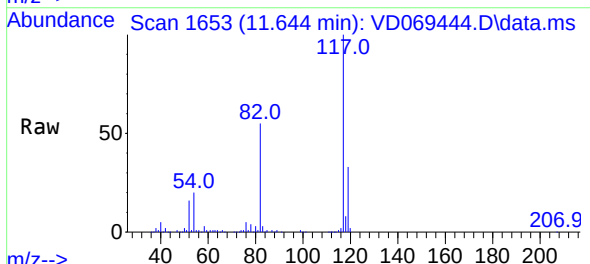
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ClientSampleId :
18-B2(2-4)

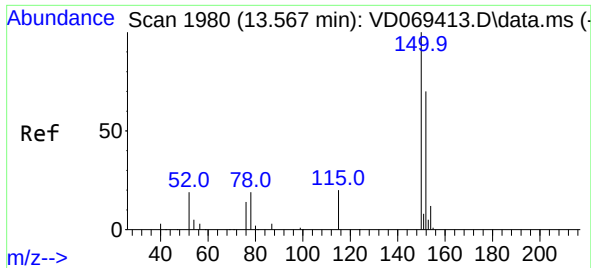
Tgt Ion:	95	Resp:	197204
Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	162.8
176	82.7	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069444.D
Acq: 15 Jun 2021 14:42

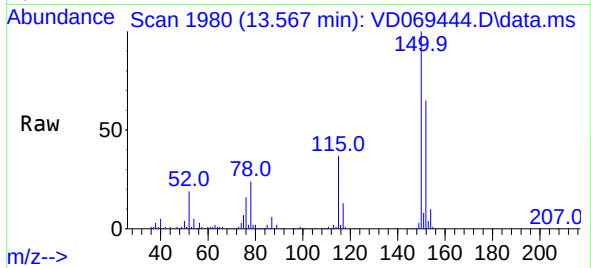
Tgt Ion:	117	Resp:	501765
Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.3	64.9
119	33.0	25.3	37.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069444.D
Acq: 15 Jun 2021 14:42

Instrument :
MSVOA_D
ClientSampleId :
18-B2(2-4)



Tgt Ion:152 Resp: 197315
Ion Ratio Lower Upper
152 100
115 59.3 29.4 88.3
150 158.7 0.0 355.0

