

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061521\
 Data File : VD069448.D
 Acq On : 15 Jun 2021 19:04
 Operator : VA/SY
 Sample : M2709-11
 Misc : 5.090G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 0250-AMND-COMP-O(CL-23)

Quant Time: Jun 16 02:02:18 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)

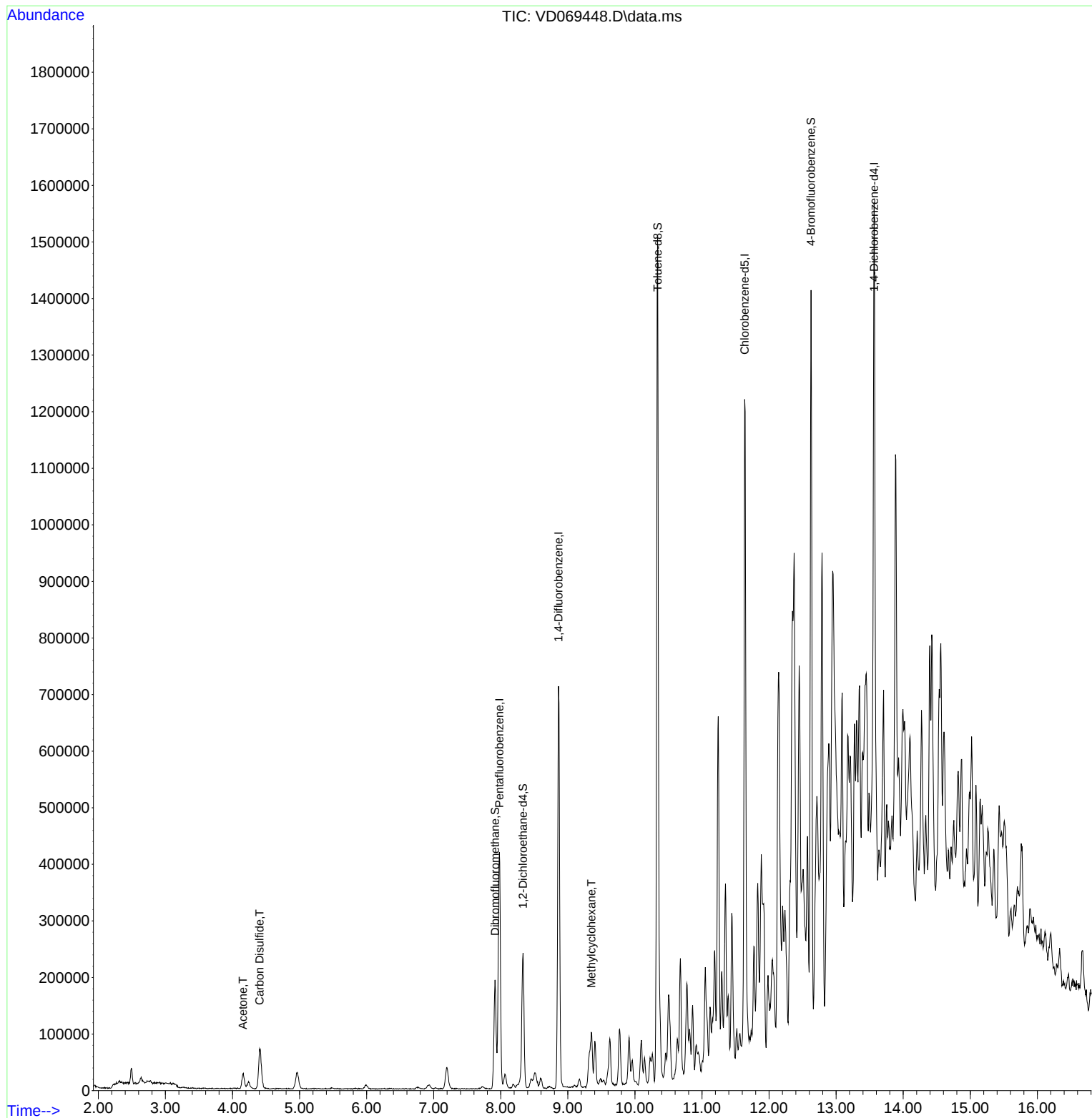
Internal Standards						
1) Pentafluorobenzene	7.979	168	312983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	627945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	698105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	347543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	188849	53.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.960%	
35) Dibromofluoromethane	7.914	113	133934	28.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 56.960%	
50) Toluene-d8	10.338	98	873056	50.752	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	12.626	95	362254	65.631	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 131.260%	
Target Compounds						
						Qvalue
16) Acetone	4.156	43	45362	77.615	ug/l	94
17) Carbon Disulfide	4.403	76	153313	14.279	ug/l	97
39) Methylcyclohexane	9.349	83	26947	4.097	ug/l #	73

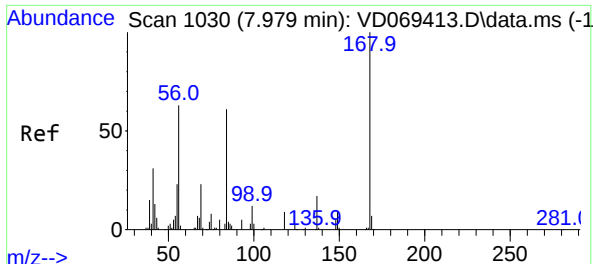
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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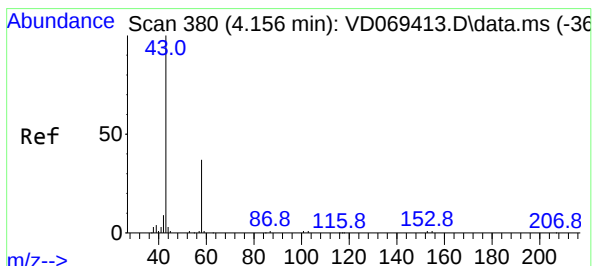
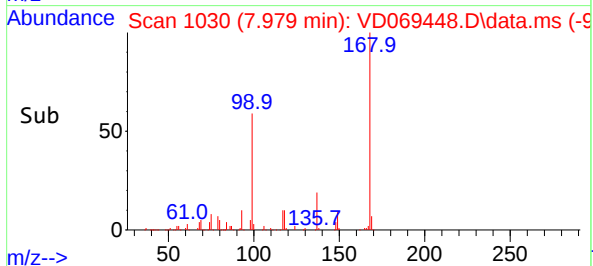
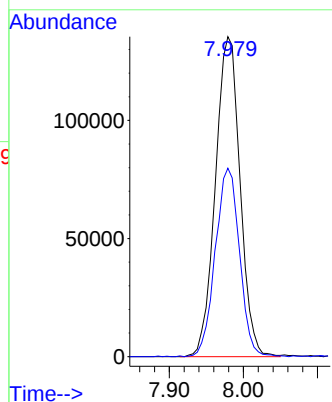
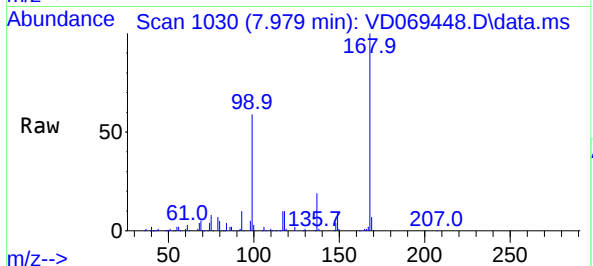




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069448.D
Acq: 15 Jun 2021 19:04

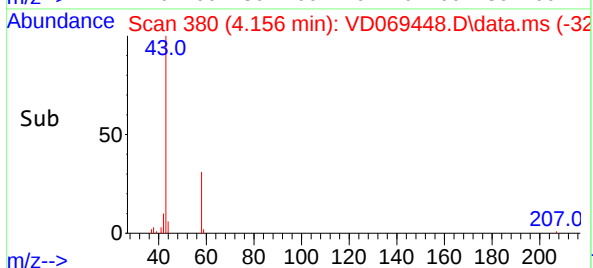
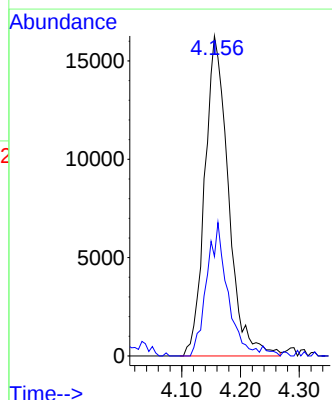
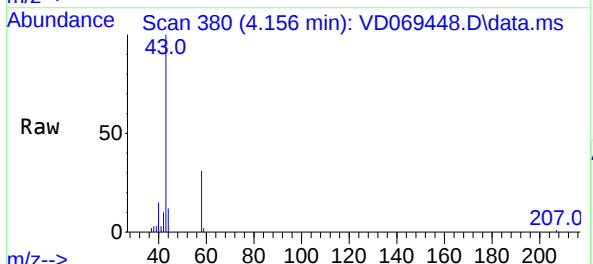
Instrument :
MSVOA_D
ClientSampleId :
0250-AMND-COMP-O(CL-23)

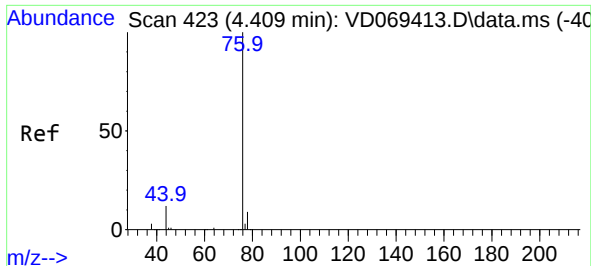
Tgt Ion:168 Resp: 312983
Ion Ratio Lower Upper
168 100
99 58.7 46.2 69.2



#16
Acetone
Concen: 77.615 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069448.D
Acq: 15 Jun 2021 19:04

Tgt Ion: 43 Resp: 45362
Ion Ratio Lower Upper
43 100
58 31.1 27.5 41.3

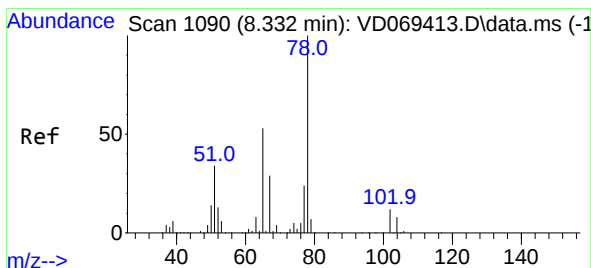
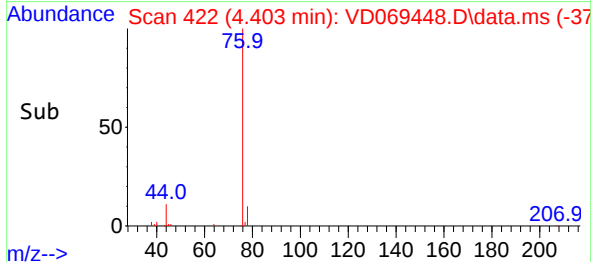
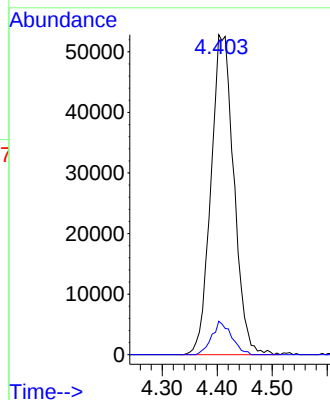
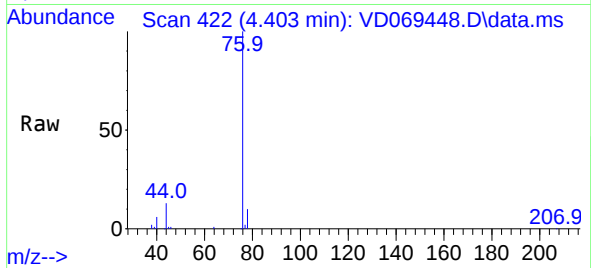




#17
Carbon Disulfide
Concen: 14.279 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069448.D
Acq: 15 Jun 2021 19:04

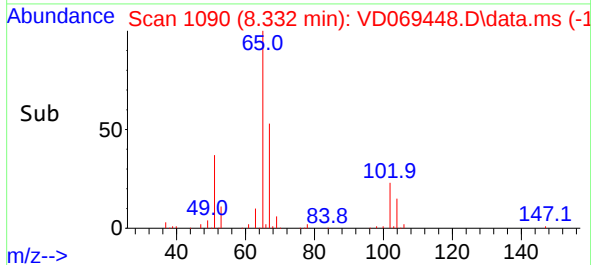
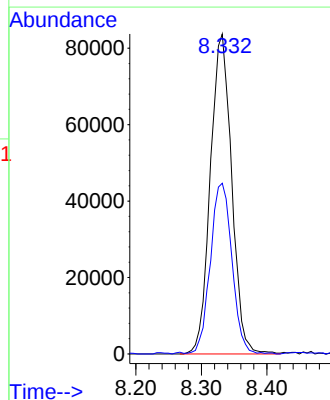
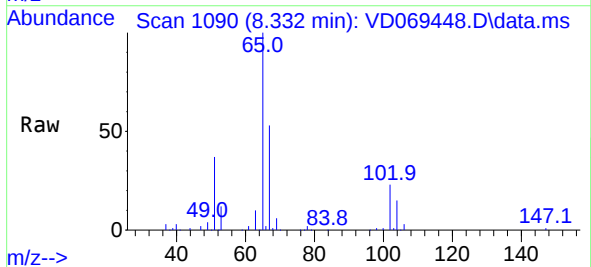
Instrument :
MSVOA_D
ClientSampleId :
0250-AMND-COMP-O(CL-23)

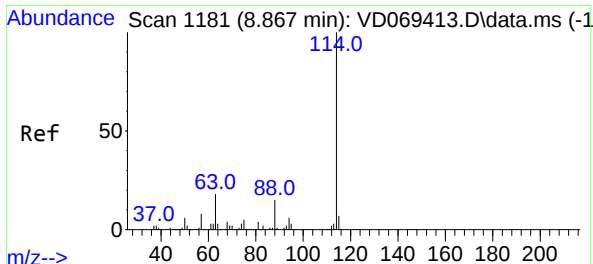
Tgt Ion: 76 Resp: 153313
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0



#33
1,2-Dichloroethane-d4
Concen: 53.484 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069448.D
Acq: 15 Jun 2021 19:04

Tgt Ion: 65 Resp: 188849
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.8



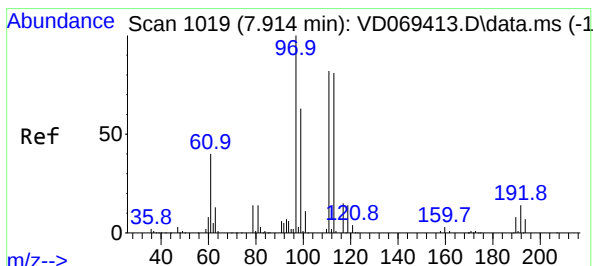
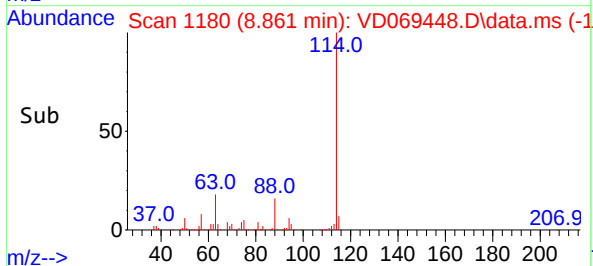
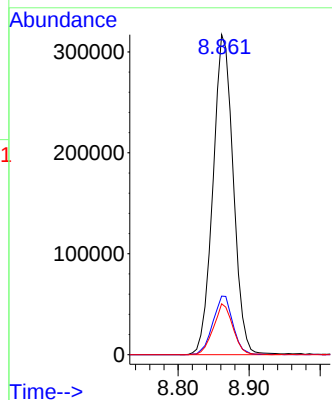
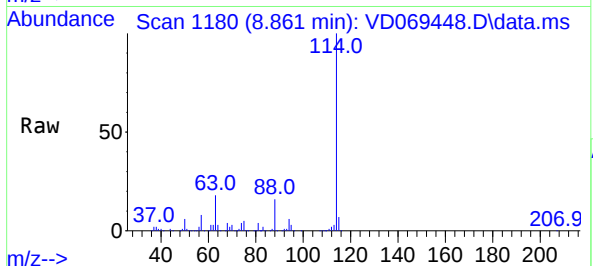


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069448.D
Acq: 15 Jun 2021 19:04

Instrument :
MSVOA_D
ClientSampleId :
0250-AMND-COMP-O(CL-23)

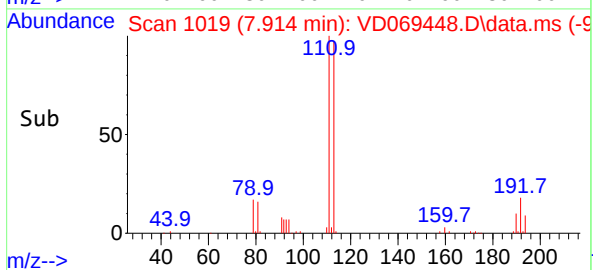
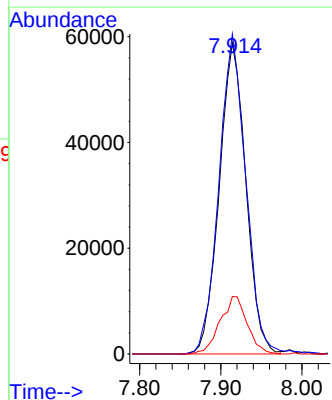
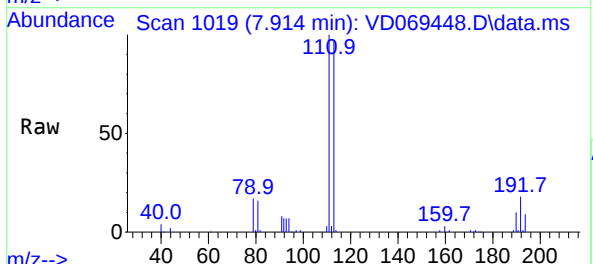
Tgt Ion:	114	Resp:	627945
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	35.6
88	15.9	0.0	31.2

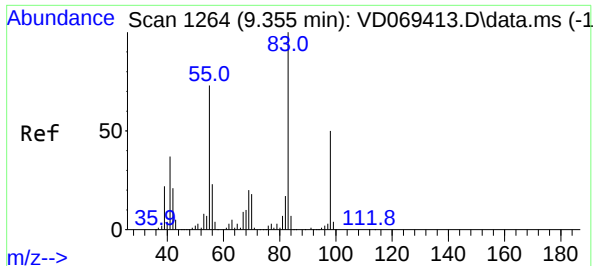


#35

Dibromofluoromethane
Concen: 28.476 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069448.D
Acq: 15 Jun 2021 19:04

Tgt Ion:	113	Resp:	133934
Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.0	124.6
192	18.8	15.1	22.7





#39

Methylcyclohexane

Concen: 4.097 ug/l

RT: 9.349 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VD069448.D

Acq: 15 Jun 2021 19:04

Tgt Ion: 83 Resp: 26947

Ion Ratio Lower Upper

83 100

55 108.5 57.4 86.2#

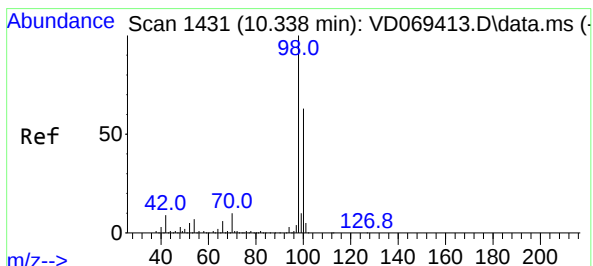
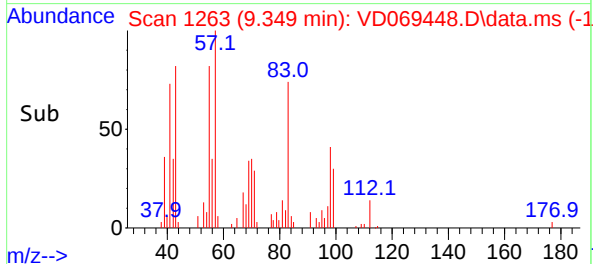
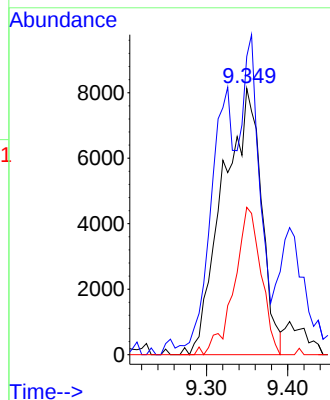
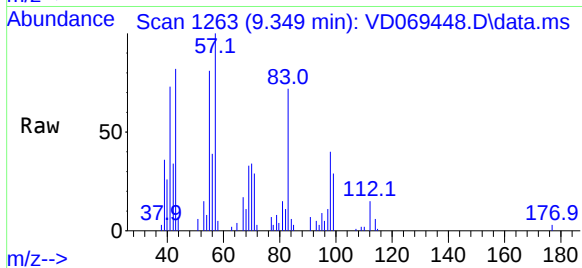
98 55.3 42.2 63.2

Instrument :

MSVOA_D

ClientSampleId :

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#50

Toluene-d8

Concen: 50.752 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD069448.D

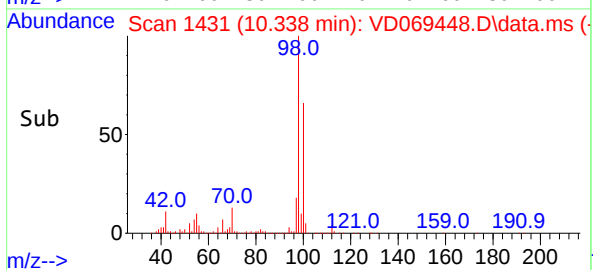
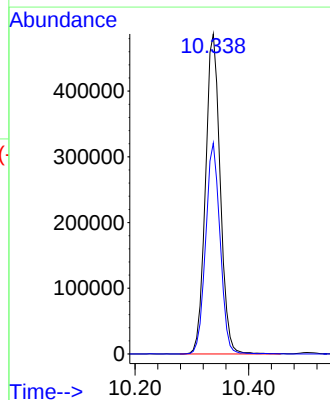
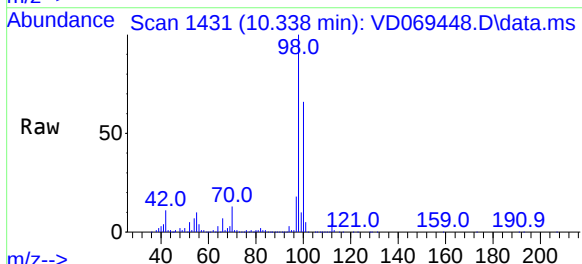
Acq: 15 Jun 2021 19:04

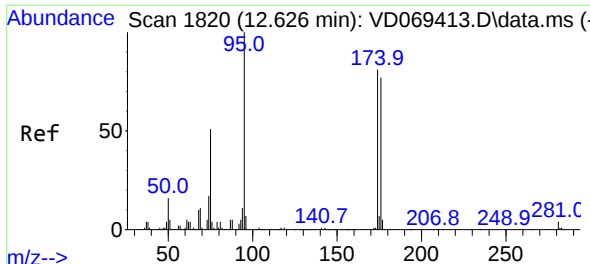
Tgt Ion: 98 Resp: 873056

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1

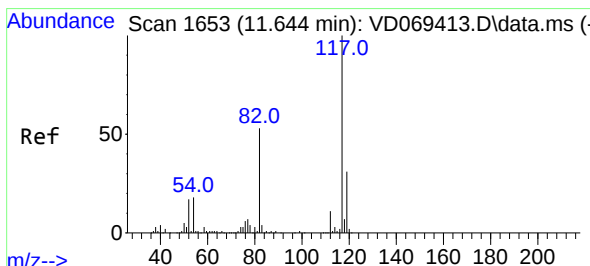
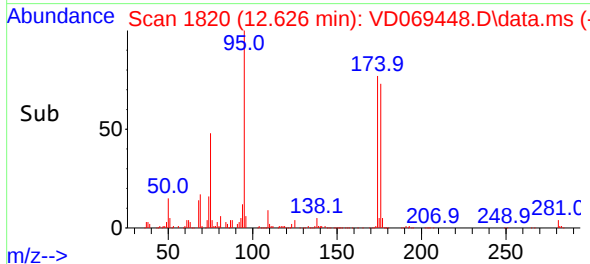
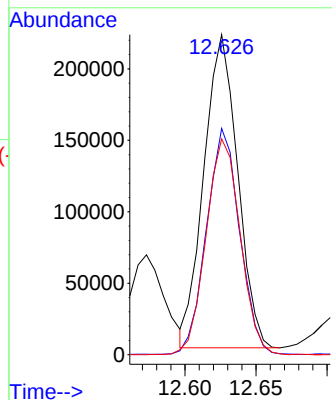
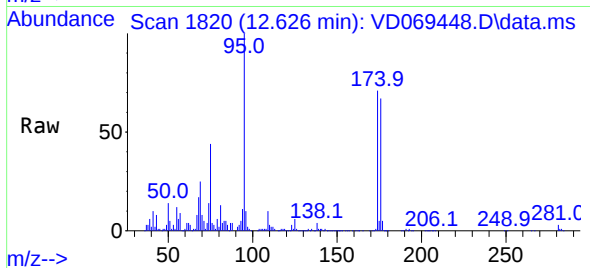




#62
4-Bromofluorobenzene
Concen: 65.631 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069448.D
Acq: 15 Jun 2021 19:04

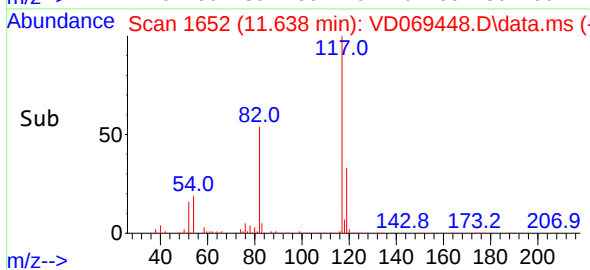
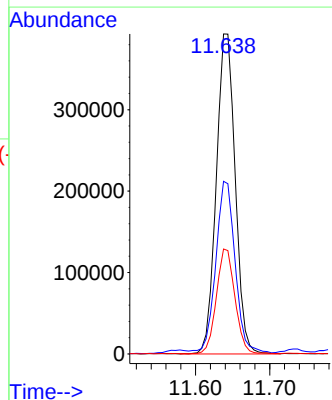
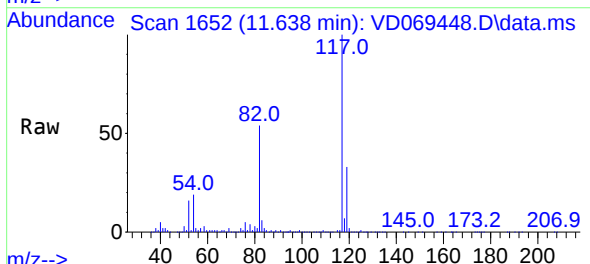
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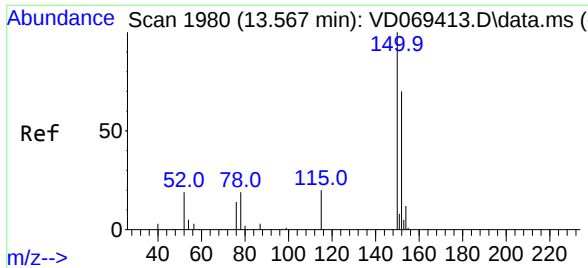
Tgt Ion: 95 Resp: 362254
Ion Ratio Lower Upper
95 100
174 70.9 0.0 162.8
176 69.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069448.D
Acq: 15 Jun 2021 19:04

Tgt Ion: 117 Resp: 698105
Ion Ratio Lower Upper
117 100
82 53.2 43.3 64.9
119 32.7 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: VD069448.D
Acq: 15 Jun 2021 19:04

Instrument :
MSVOA_D
ClientSampleId :
0250-AMND-COMP-O(CL-23)

Tgt Ion:152 Resp: 347543
Ion Ratio Lower Upper
152 100
115 55.6 29.4 88.3
150 145.8 0.0 355.0

