

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061621\
 Data File : VD069465.D
 Acq On : 16 Jun 2021 14:25
 Operator : VA/SY
 Sample : M2709-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 0240-AMND-COMP-E

Quant Time: Jun 17 02:48:55 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)

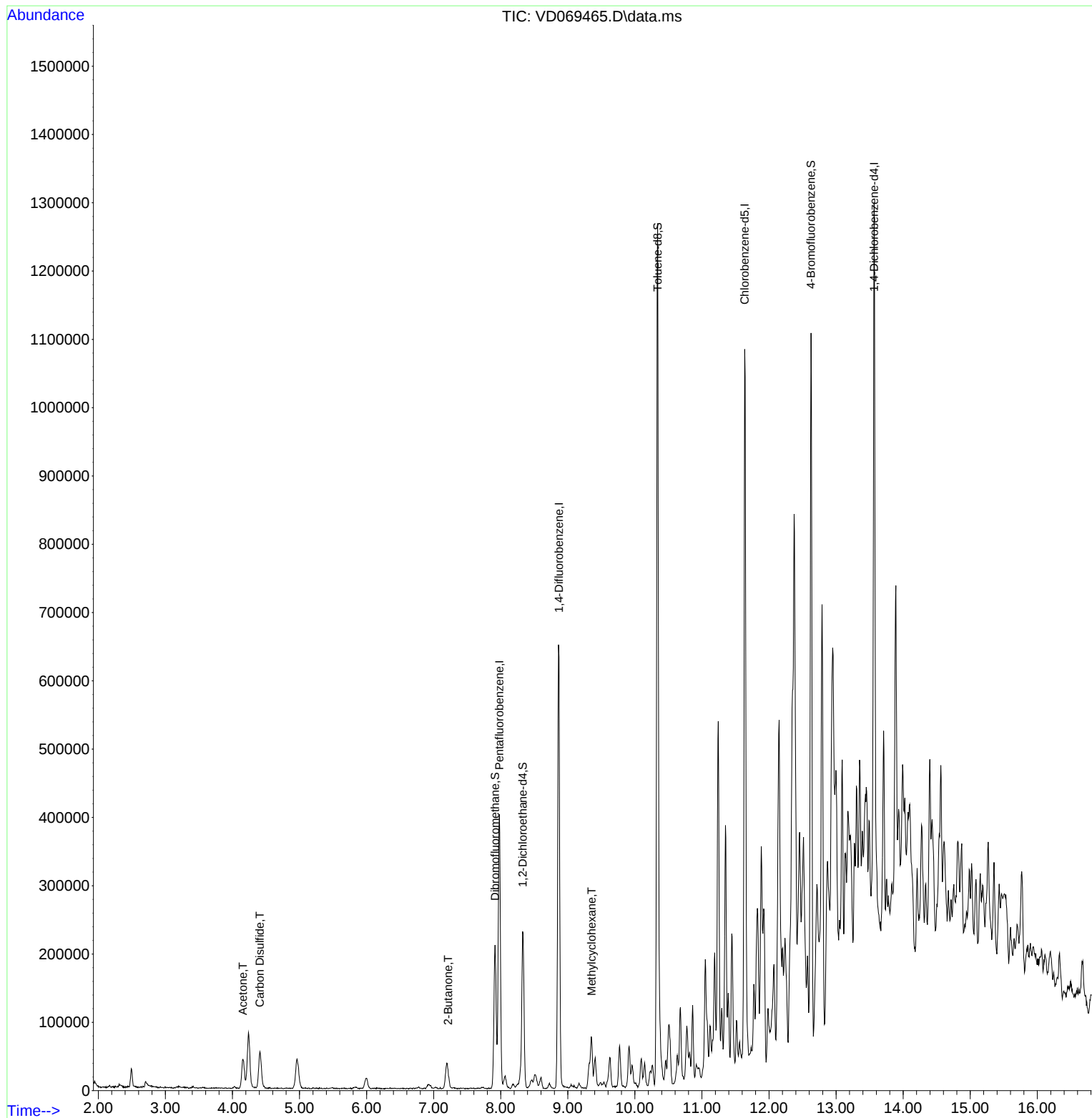
Internal Standards						
1) Pentafluorobenzene	7.979	168	301683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	584979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	646052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	301029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	185068	54.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.760%	
35) Dibromofluoromethane	7.914	113	151912	34.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 69.340%	
50) Toluene-d8	10.338	98	787437	49.137	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.280%	
62) 4-Bromofluorobenzene	12.626	95	306405	59.590	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	77868	138.223	ug/l	100
17) Carbon Disulfide	4.409	76	115904	11.199	ug/l	98
25) 2-Butanone	7.214	43	14209	20.227	ug/l	93
39) Methylcyclohexane	9.356	83	21884	3.572	ug/l	88

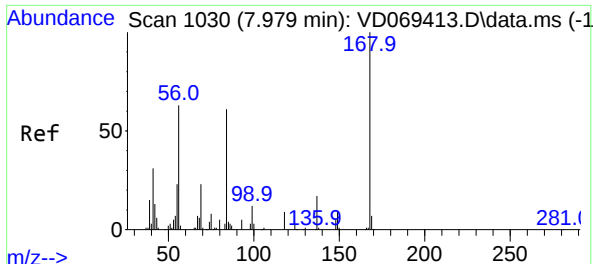
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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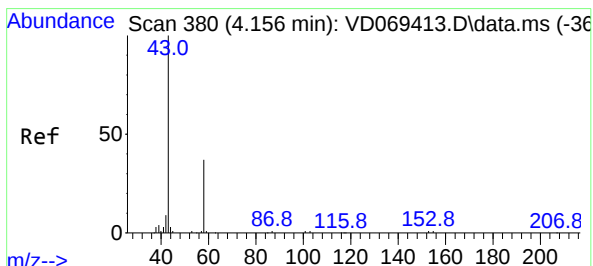
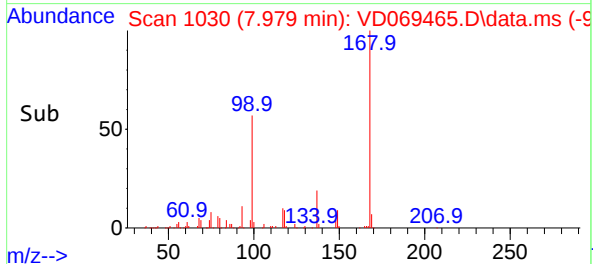
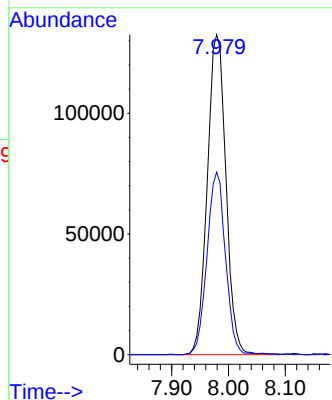
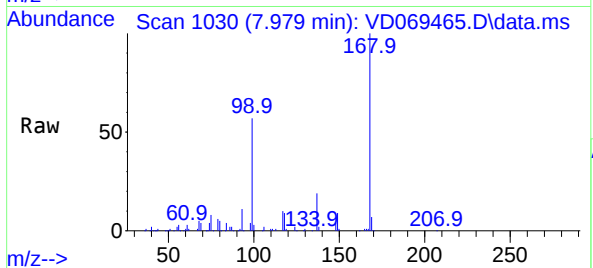




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069465.D
Acq: 16 Jun 2021 14:25

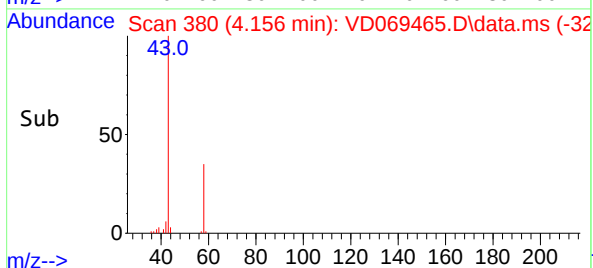
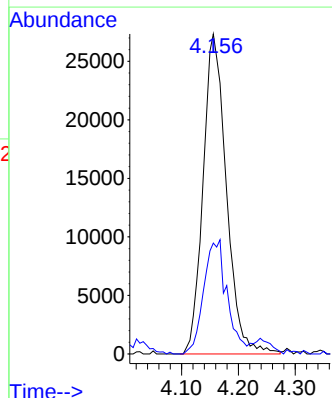
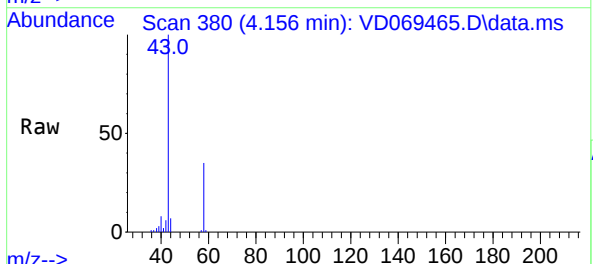
Instrument :
MSVOA_D
ClientSampleId :
0240-AMND-COMP-E

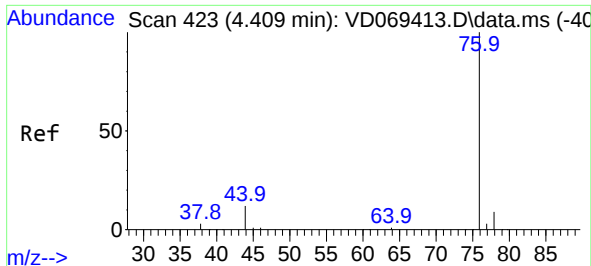
Tgt Ion:168 Resp: 301683
Ion Ratio Lower Upper
168 100
99 57.1 46.2 69.2



#16
Acetone
Concen: 138.223 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069465.D
Acq: 16 Jun 2021 14:25

Tgt Ion: 43 Resp: 77868
Ion Ratio Lower Upper
43 100
58 34.6 27.5 41.3

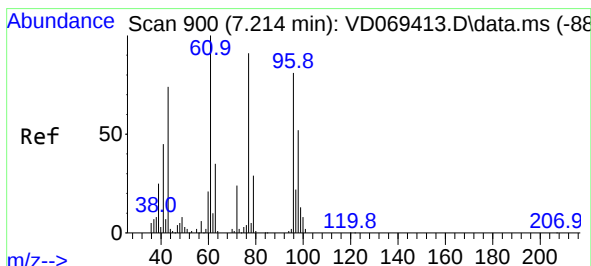
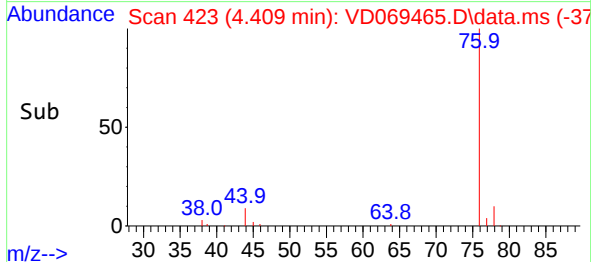
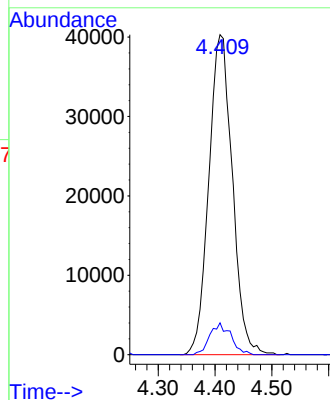
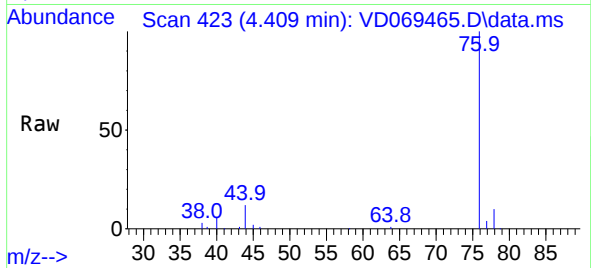




#17
Carbon Disulfide
Concen: 11.199 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD069465.D
Acq: 16 Jun 2021 14:25

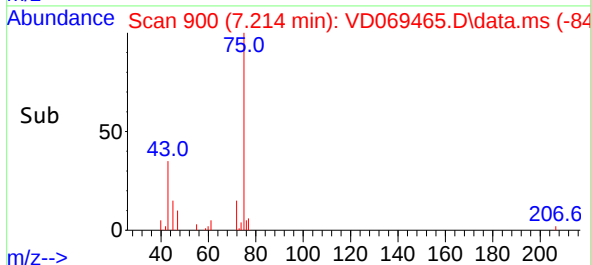
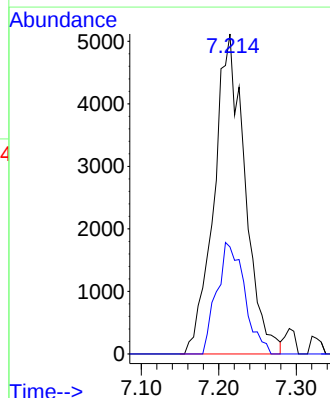
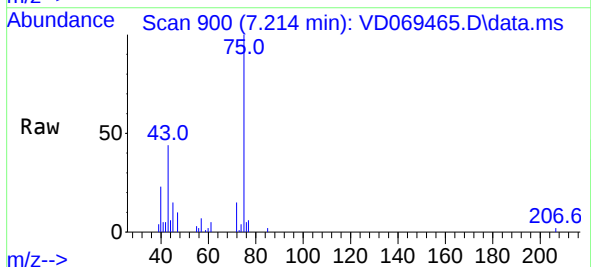
Instrument :
MSVOA_D
ClientSampleId :
0240-AMND-COMP-E

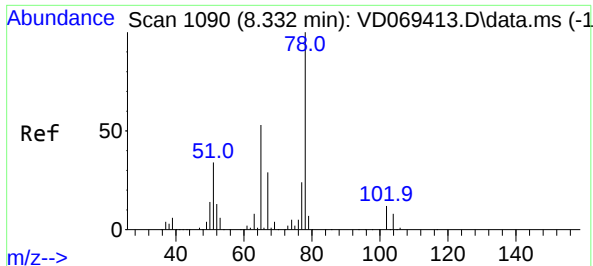
Tgt Ion: 76 Resp: 115904
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#25
2-Butanone
Concen: 20.227 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069465.D
Acq: 16 Jun 2021 14:25

Tgt Ion: 43 Resp: 14209
Ion Ratio Lower Upper
43 100
72 33.4 23.9 35.9

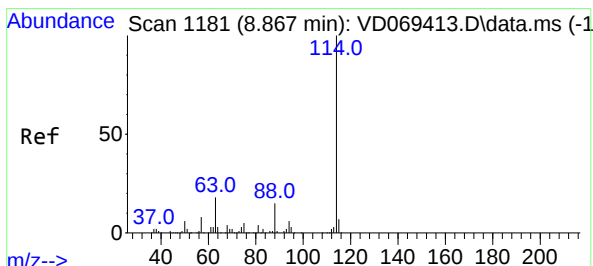
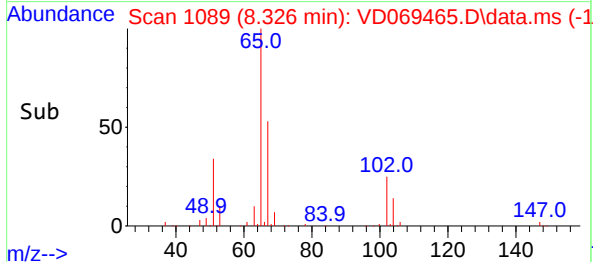
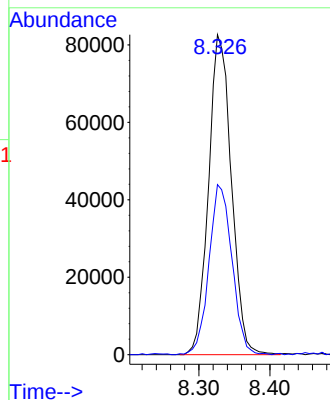
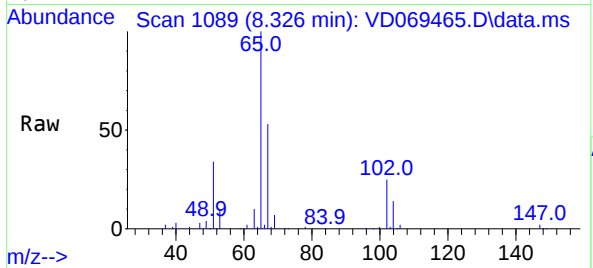




#33
1,2-Dichloroethane-d4
Concen: 54.376 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069465.D
Acq: 16 Jun 2021 14:25

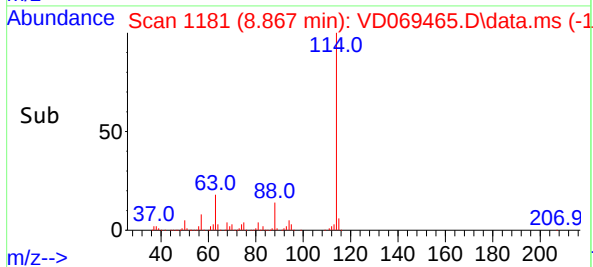
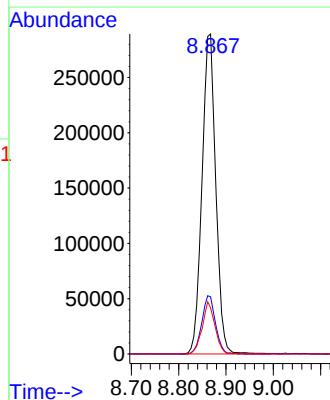
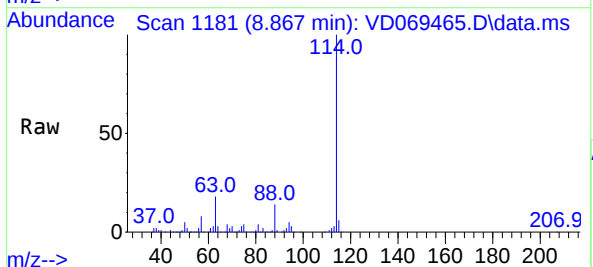
Instrument :
MSVOA_D
ClientSampleId :
0240-AMND-COMP-E

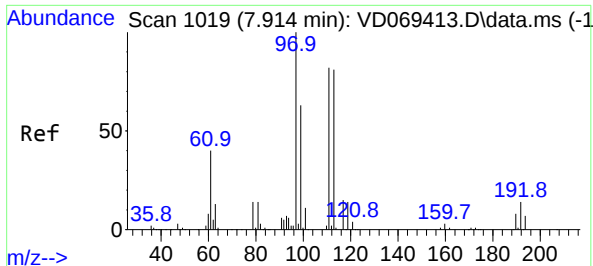
Tgt Ion: 65 Resp: 185068
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069465.D
Acq: 16 Jun 2021 14:25

Tgt Ion: 114 Resp: 584979
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.6
88 14.4 0.0 31.2



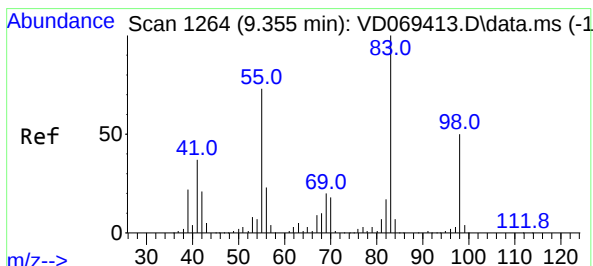
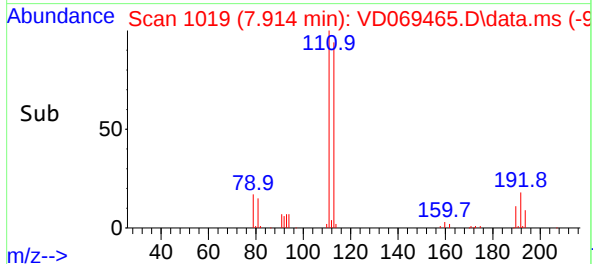
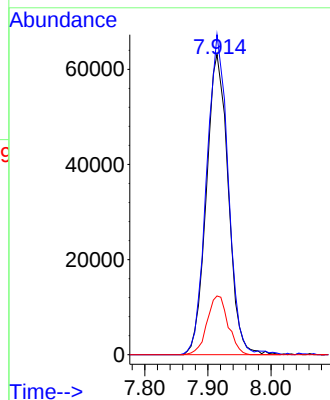
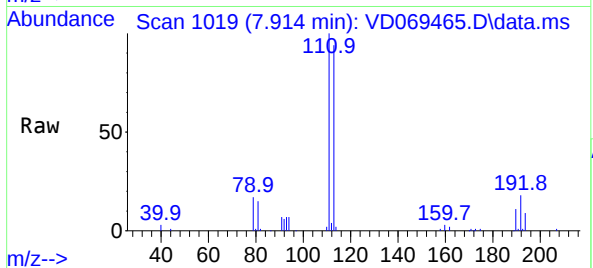


#35

Dibromofluoromethane
Concen: 34.671 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069465.D
Acq: 16 Jun 2021 14:25

Instrument :
MSVOA_D
ClientSampleId :
0240-AMND-COMP-E

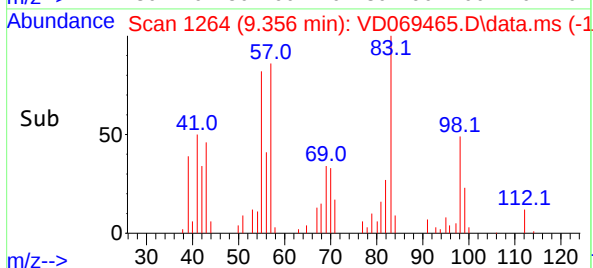
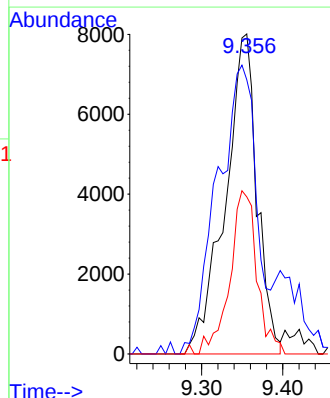
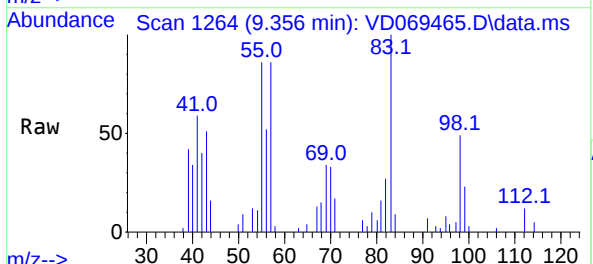
Tgt Ion:113 Resp: 151912
Ion Ratio Lower Upper
113 100
111 104.6 83.0 124.6
192 18.8 15.1 22.7

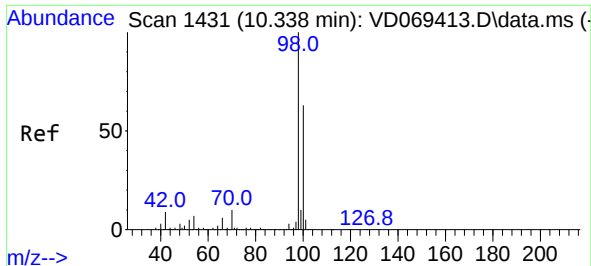


#39

Methylcyclohexane
Concen: 3.572 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.001 min
Lab File: VD069465.D
Acq: 16 Jun 2021 14:25

Tgt Ion: 83 Resp: 21884
Ion Ratio Lower Upper
83 100
55 85.7 57.4 86.2
98 49.1 42.2 63.2

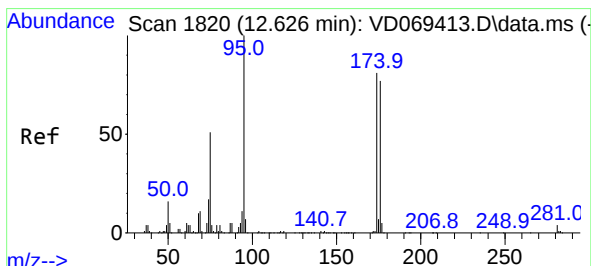
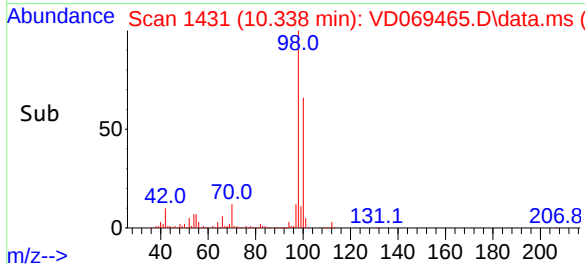
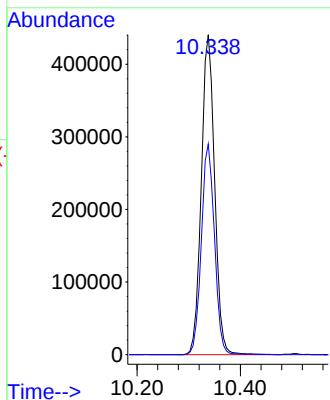
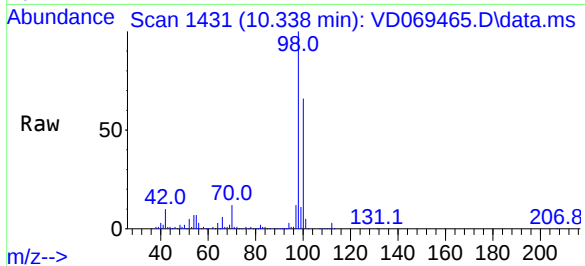




#50
Toluene-d8
Concen: 49.137 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069465.D
Acq: 16 Jun 2021 14:25

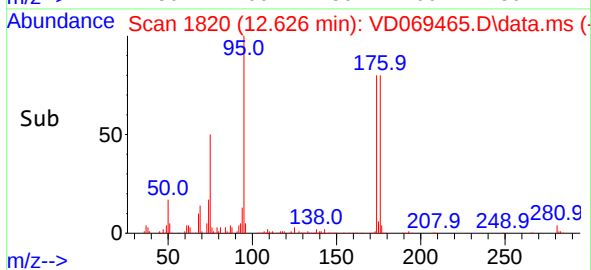
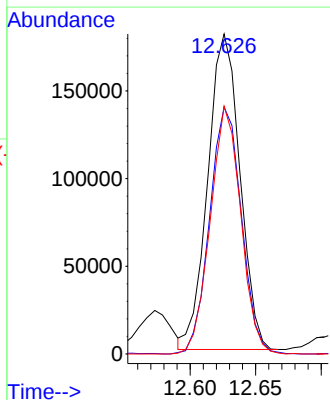
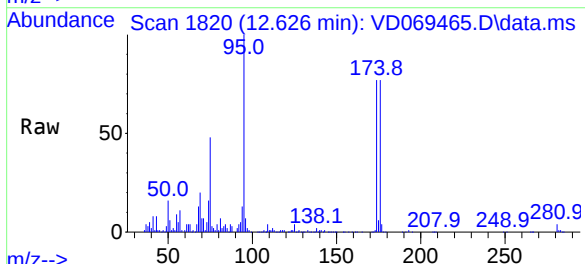
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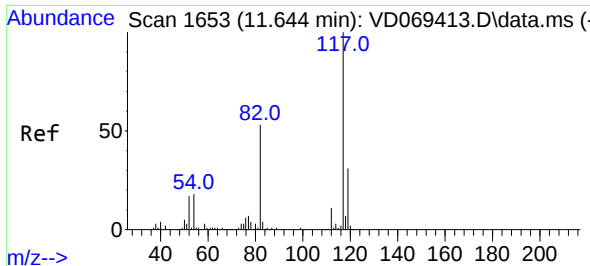
Tgt Ion: 98 Resp: 787437
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 59.590 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069465.D
Acq: 16 Jun 2021 14:25

Tgt Ion: 95 Resp: 306405
Ion Ratio Lower Upper
95 100
174 77.4 0.0 162.8
176 74.5 0.0 154.4

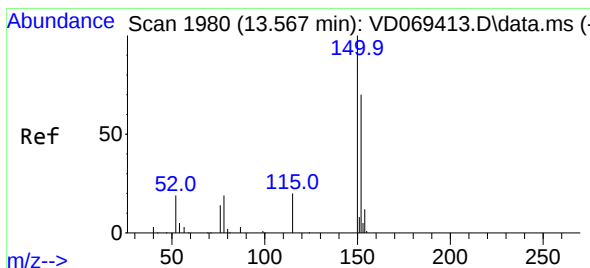
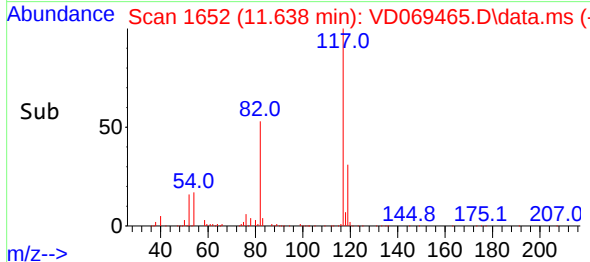
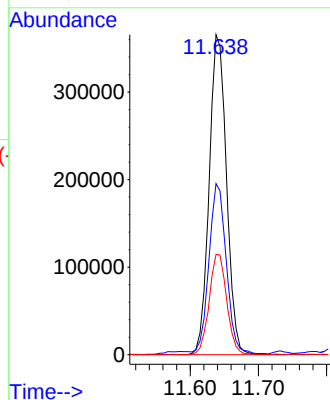
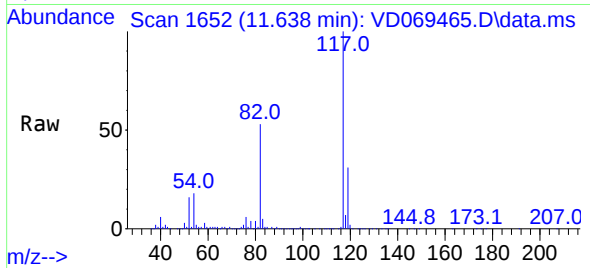




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069465.D
Acq: 16 Jun 2021 14:25

Instrument :
MSVOA_D
ClientSampleId :
0240-AMND-COMP-E

Tgt Ion:	117	Resp:	646052
Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.3	64.9
119	31.3	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: VD069465.D
Acq: 16 Jun 2021 14:25

Tgt Ion:	152	Resp:	301029
Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.4	88.3
150	153.6	0.0	355.0

