

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069436.D
 Acq On : 14 Jun 2021 19:38
 Operator : VA/SY
 Sample : M2709-08
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 0247-AMND-COMP-L

Quant Time: Jun 15 07:30:37 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)

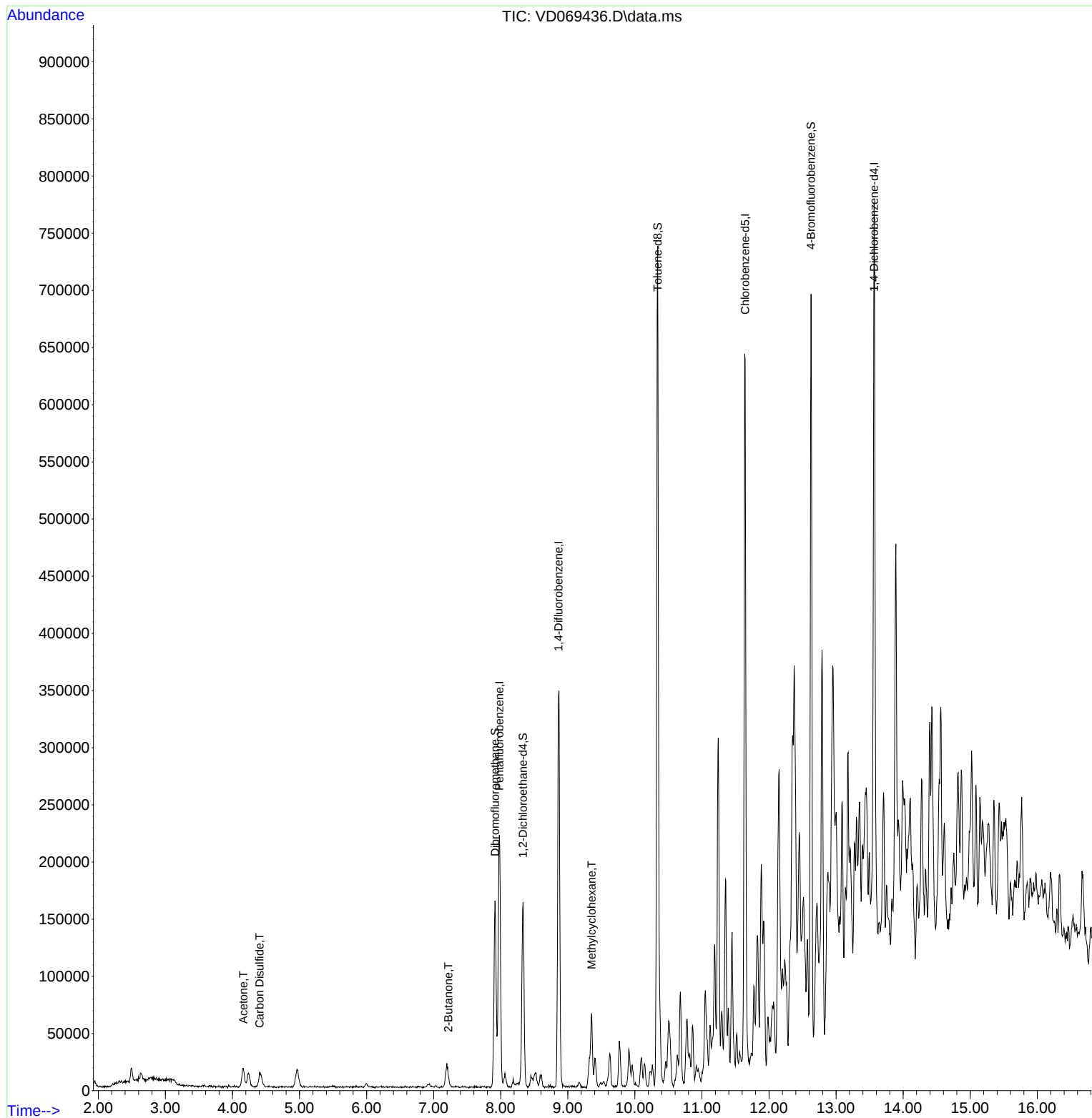
Internal Standards						
1) Pentafluorobenzene	7.979	168	165446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	320931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	389242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	193491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	132701	71.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.200%
35) Dibromofluoromethane	7.914	113	115022	47.850	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.700%
50) Toluene-d8	10.338	98	442916	50.379	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.626	95	188803	66.929	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.860%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	29350	95.000	ug/l #	87
17) Carbon Disulfide	4.403	76	24686	4.349	ug/l	95
25) 2-Butanone	7.220	43	6084	15.793	ug/l	99
39) Methylcyclohexane	9.356	83	20550	6.114	ug/l #	86

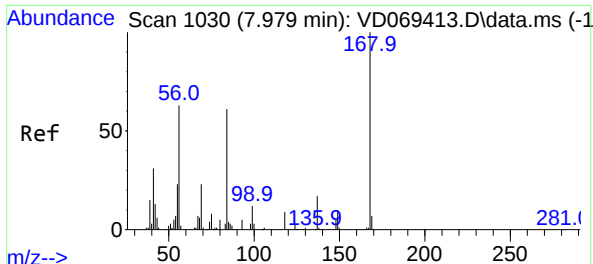
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
0247-AMND-COMP-L

Quant Time: Jun 15 07:30:37 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

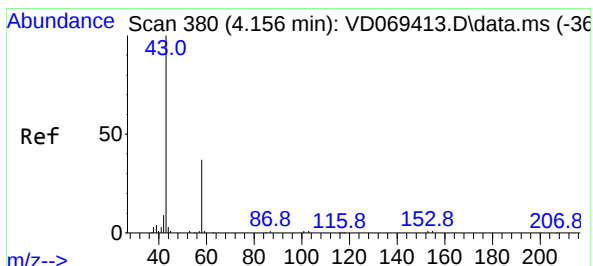
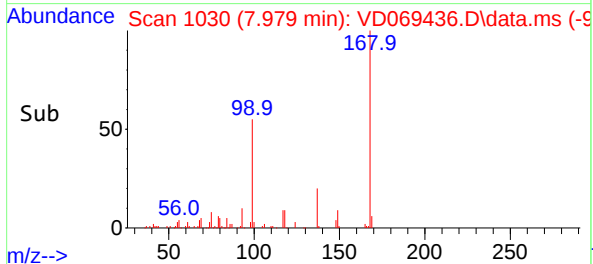
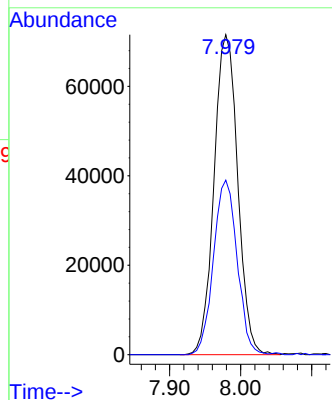
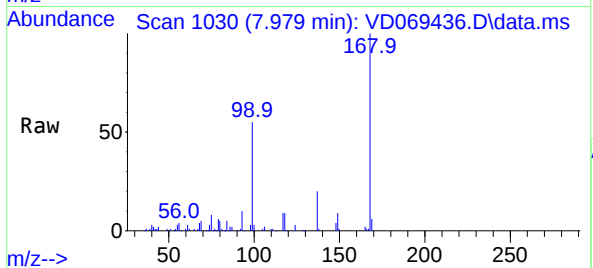




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069436.D
Acq: 14 Jun 2021 19:38

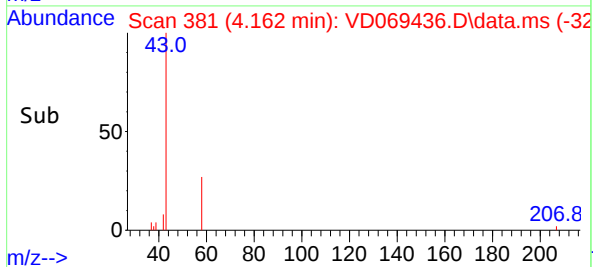
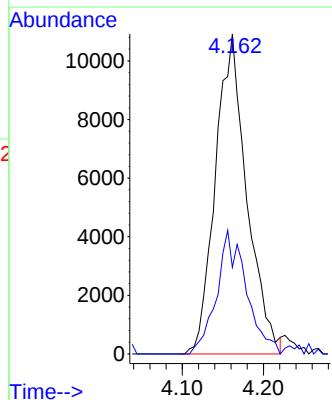
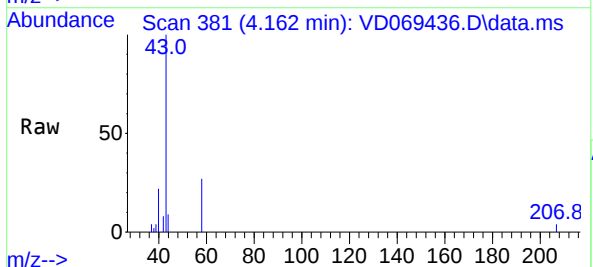
Instrument :
MSVOA_D
ClientSampleId :
0247-AMND-COMP-L

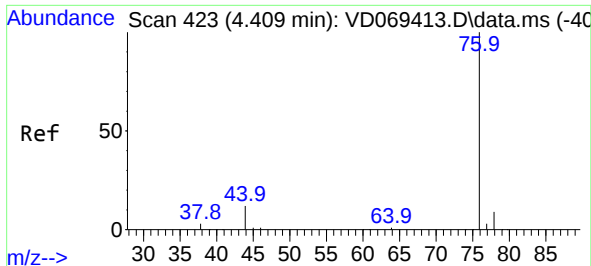
Tgt Ion:168 Resp: 165446
Ion Ratio Lower Upper
168 100
99 54.5 46.2 69.2



#16
Acetone
Concen: 95.000 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069436.D
Acq: 14 Jun 2021 19:38

Tgt Ion: 43 Resp: 29350
Ion Ratio Lower Upper
43 100
58 27.1 27.5 41.3#

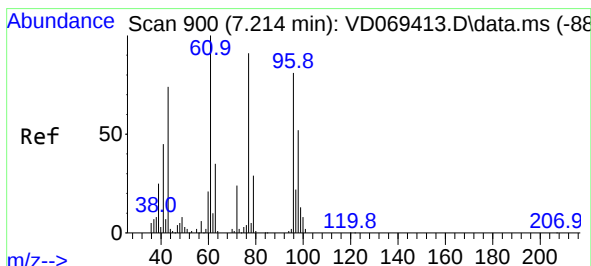
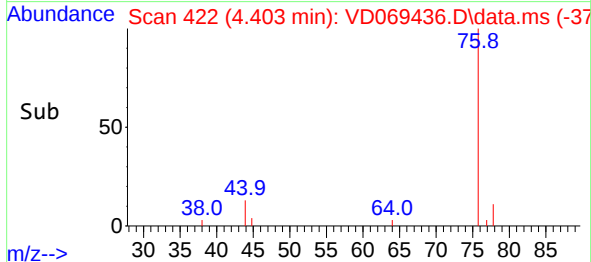
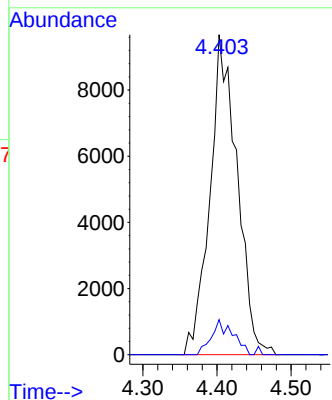
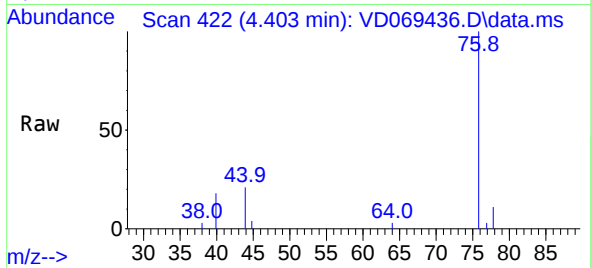




#17
Carbon Disulfide
Concen: 4.349 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069436.D
Acq: 14 Jun 2021 19:38

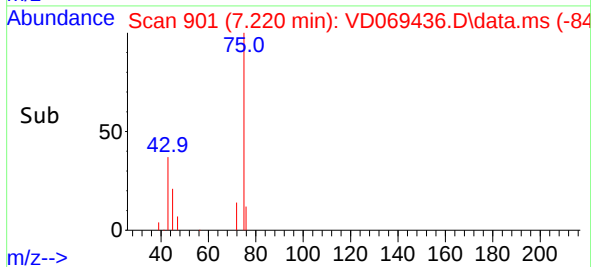
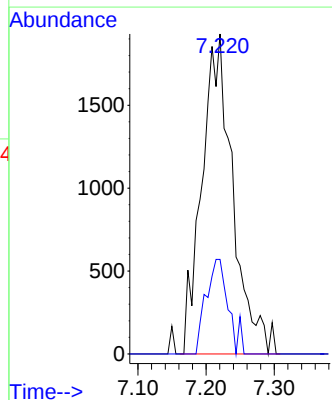
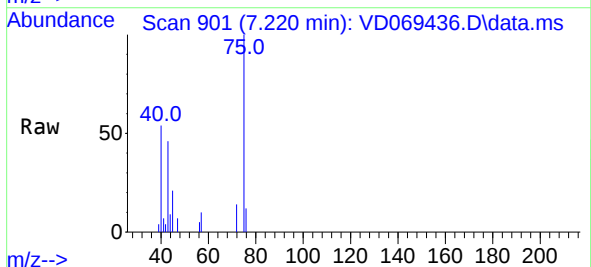
Instrument :
MSVOA_D
ClientSampleId :
0247-AMND-COMP-L

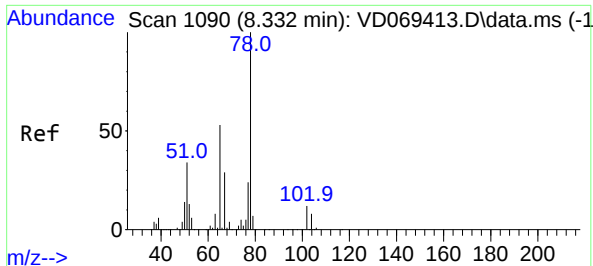
Tgt Ion: 76 Resp: 24686
Ion Ratio Lower Upper
76 100
78 11.0 7.4 11.0



#25
2-Butanone
Concen: 15.793 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD069436.D
Acq: 14 Jun 2021 19:38

Tgt Ion: 43 Resp: 6084
Ion Ratio Lower Upper
43 100
72 29.5 23.9 35.9



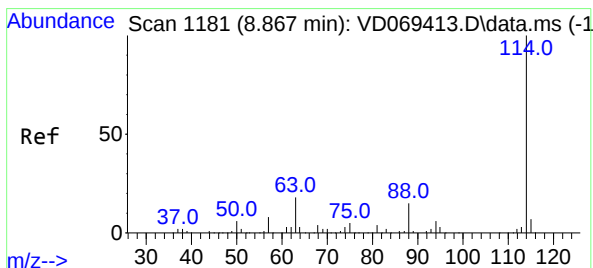
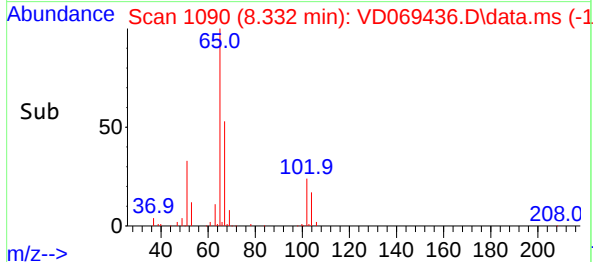
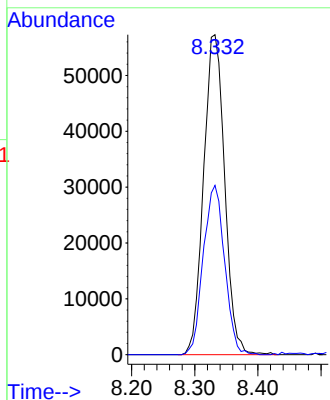
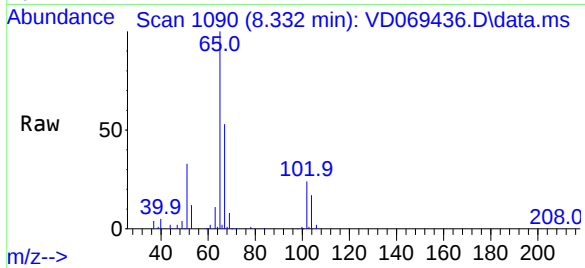


#33

1,2-Dichloroethane-d4
Concen: 71.097 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069436.D
Acq: 14 Jun 2021 19:38

Instrument :
MSVOA_D
ClientSampleId :
0247-AMND-COMP-L

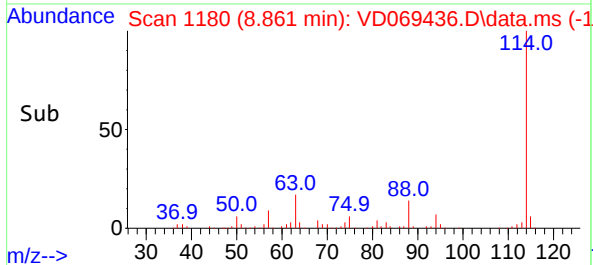
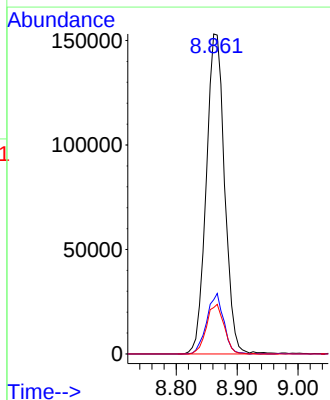
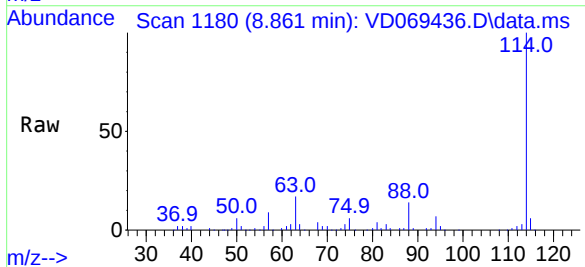
Tgt Ion: 65 Resp: 132701
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.8

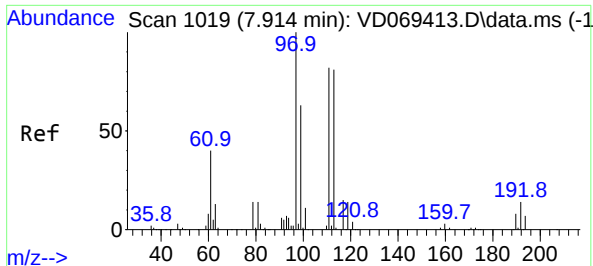


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069436.D
Acq: 14 Jun 2021 19:38

Tgt Ion:114 Resp: 320931
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.6
88 14.5 0.0 31.2

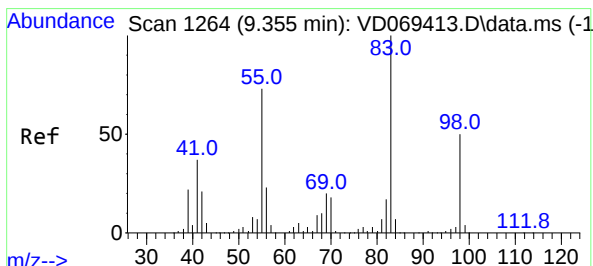
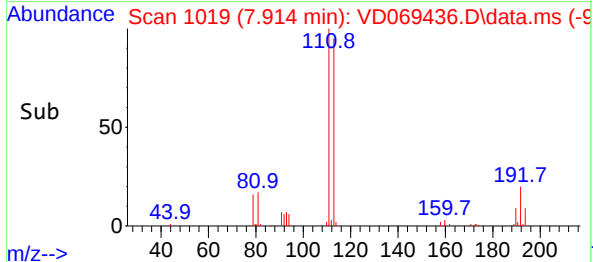
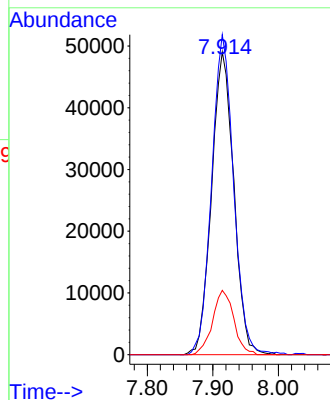
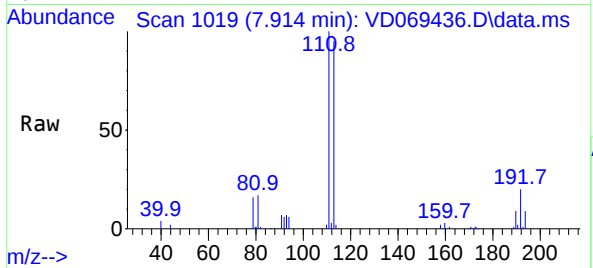




#35
Dibromofluoromethane
Concen: 47.850 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069436.D
Acq: 14 Jun 2021 19:38

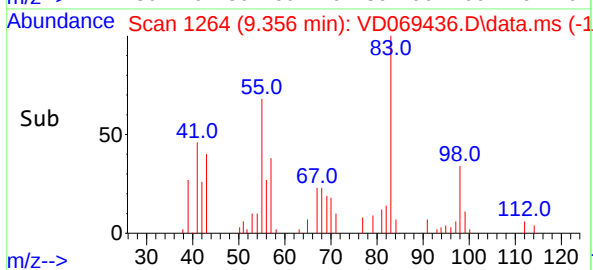
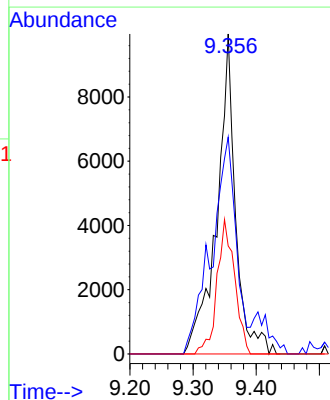
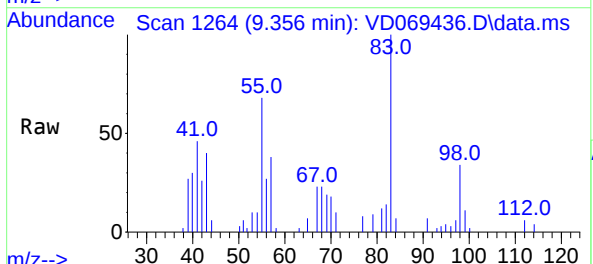
Instrument :
MSVOA_D
ClientSampleId :
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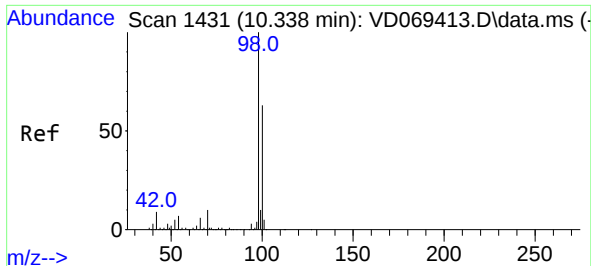
Tgt Ion:113 Resp: 115022
Ion Ratio Lower Upper
113 100
111 104.6 83.0 124.6
192 20.3 15.1 22.7



#39
Methylcyclohexane
Concen: 6.114 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.001 min
Lab File: VD069436.D
Acq: 14 Jun 2021 19:38

Tgt Ion: 83 Resp: 20550
Ion Ratio Lower Upper
83 100
55 67.7 57.4 86.2
98 33.8 42.2 63.2#

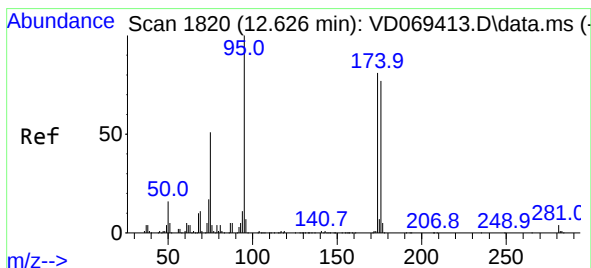
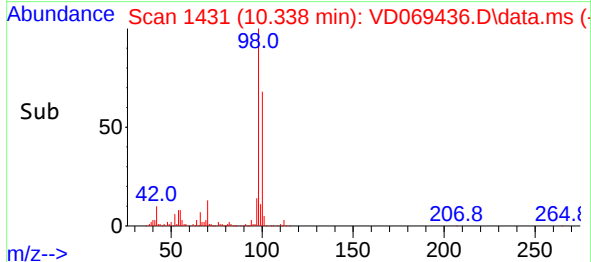
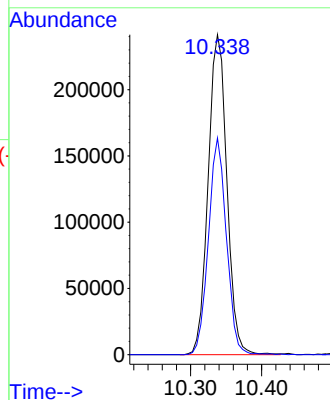
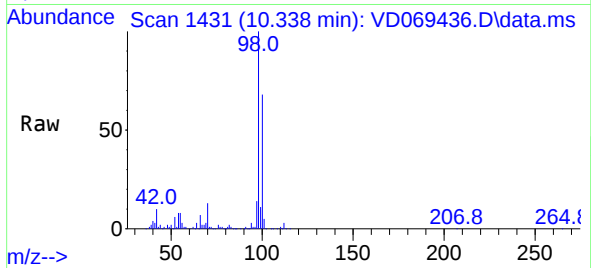




#50
Toluene-d8
Concen: 50.379 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069436.D
Acq: 14 Jun 2021 19:38

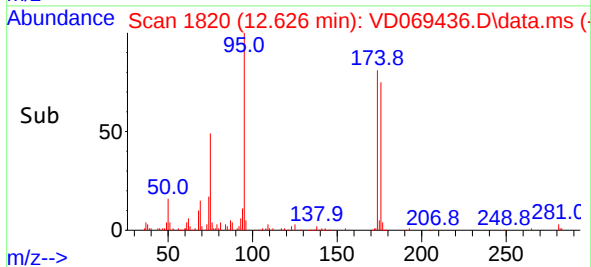
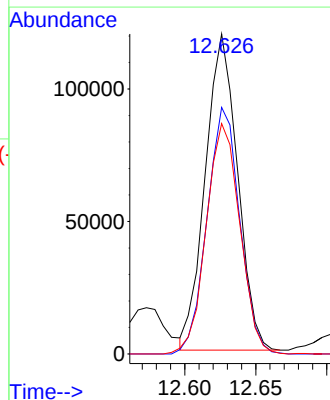
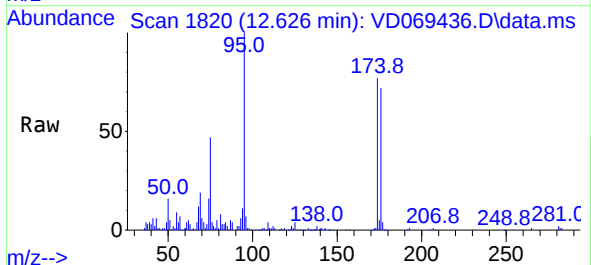
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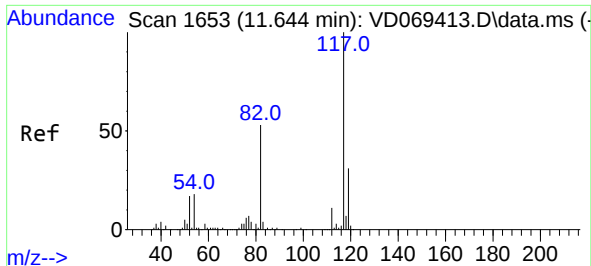
Tgt Ion: 98 Resp: 442916
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 66.929 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069436.D
Acq: 14 Jun 2021 19:38

Tgt Ion: 95 Resp: 188803
Ion Ratio Lower Upper
95 100
174 79.0 0.0 162.8
176 75.8 0.0 154.4

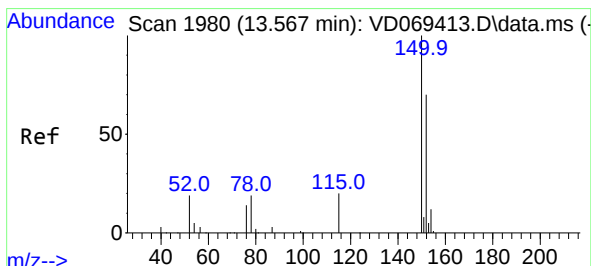
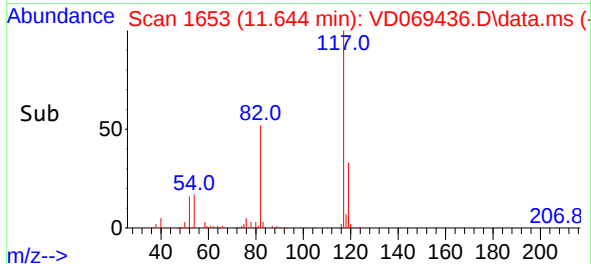
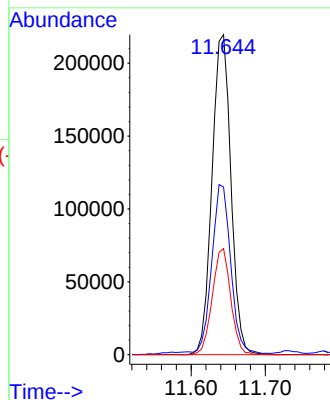
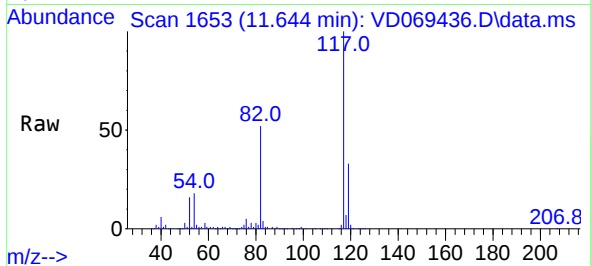




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069436.D
Acq: 14 Jun 2021 19:38

Instrument :
MSVOA_D
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Tgt Ion:	117	Resp:	389242
Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.3	64.9
119	33.1	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: VD069436.D
Acq: 14 Jun 2021 19:38

Tgt Ion:	152	Resp:	193491
Ion	Ratio	Lower	Upper
152	100		
115	54.4	29.4	88.3
150	146.6	0.0	355.0

