

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD072121\  
 Data File : VD069787.D  
 Acq On : 21 Jul 2021 13:23  
 Operator : VA/SY  
 Sample : M3094-02  
 Misc : 5.05G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampled :  
 SP-1A

Quant Time: Jul 22 03:40:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071321S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 14 06:00:31 2021  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----						
Internal Standards						
1) Pentafluorobenzene	7.979	168	3870	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	7147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	10241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	3913	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3153	65.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.500%
35) Dibromofluoromethane	7.914	113	2549	53.162	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.320%
50) Toluene-d8	10.343	98	10204	54.779	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.560%
62) 4-Bromofluorobenzene	12.632	95	8721	140.377	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	280.760%#

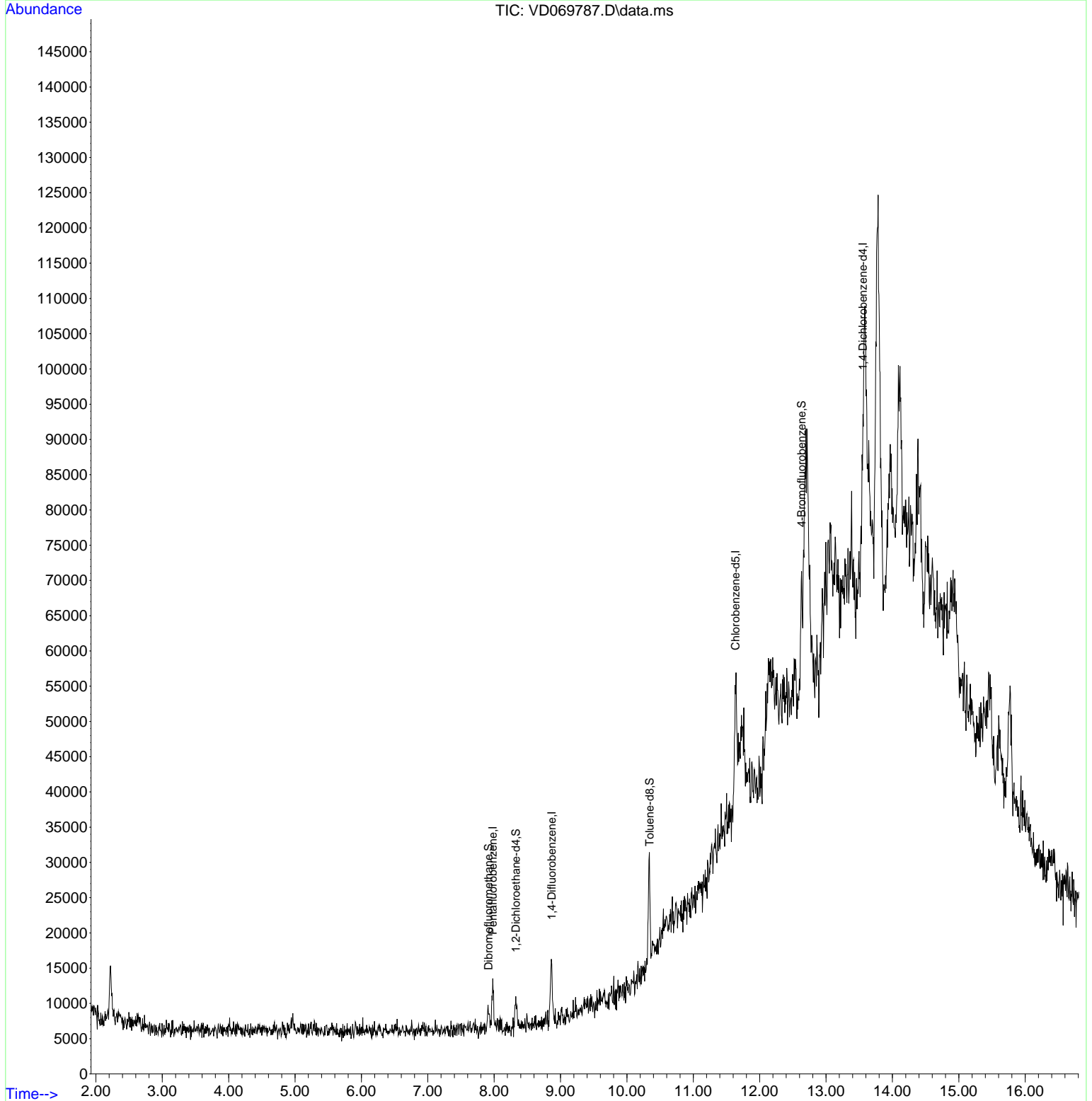
Target Compounds	Qvalue
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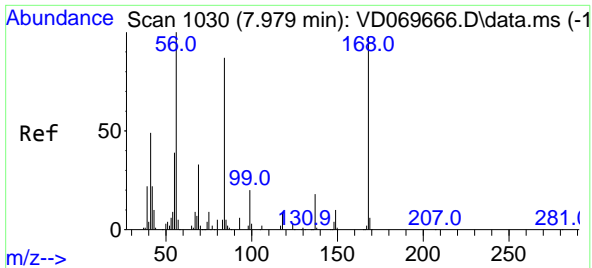
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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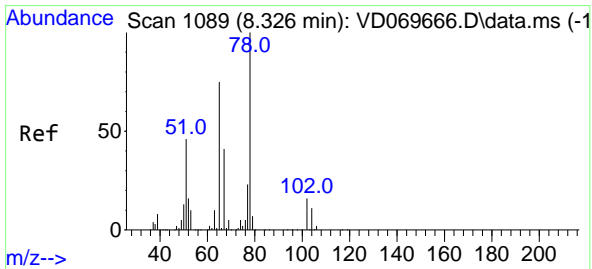
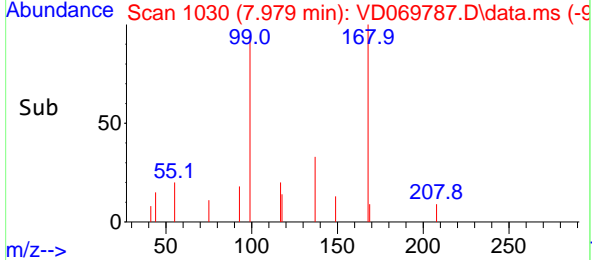
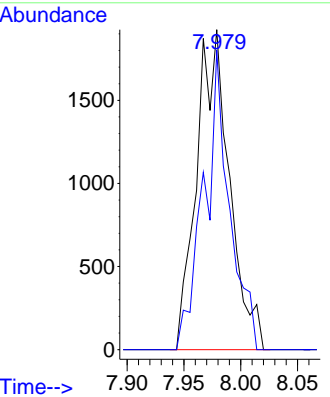
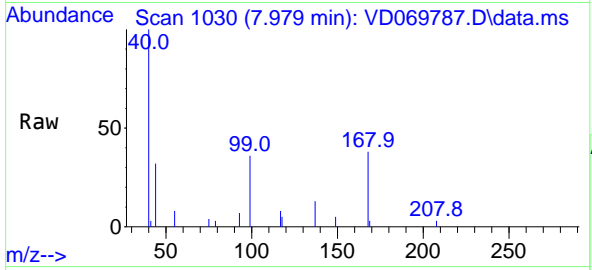




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.979 min Scan# 1030  
 Delta R.T. -0.000 min  
 Lab File: VD069787.D  
 Acq: 21 Jul 2021 13:23

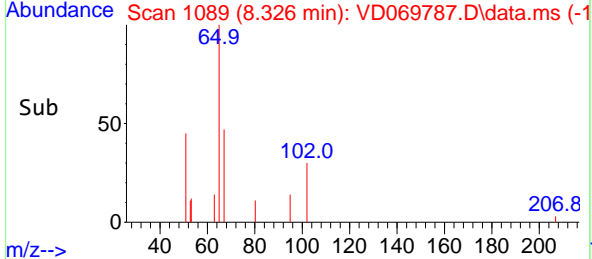
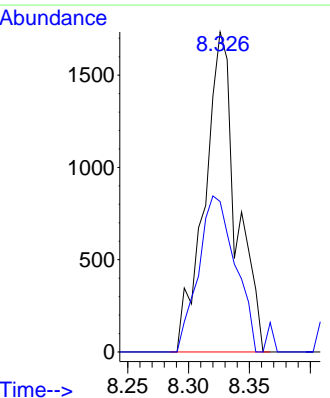
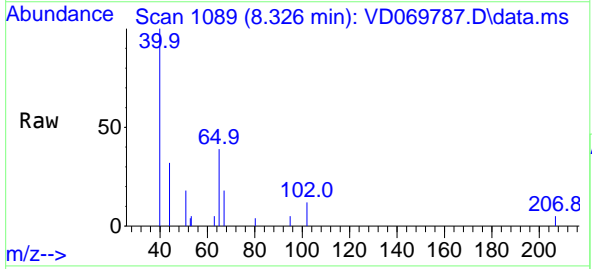
Instrument : MSVOA\_D  
 ClientSampled : SP-1A

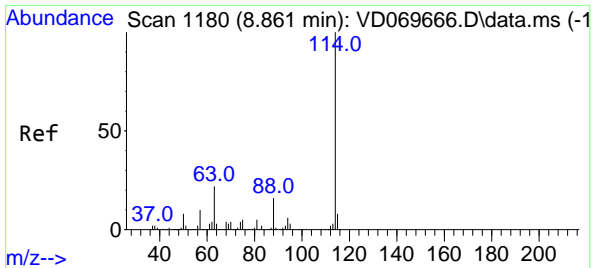
Tgt Ion:168 Resp: 3870  
 Ion Ratio Lower Upper  
 168 100  
 99 93.6 51.8 77.6#



#33  
 1,2-Dichloroethane-d4  
 Concen: 65.250 ug/l  
 RT: 8.326 min Scan# 1089  
 Delta R.T. -0.000 min  
 Lab File: VD069787.D  
 Acq: 21 Jul 2021 13:23

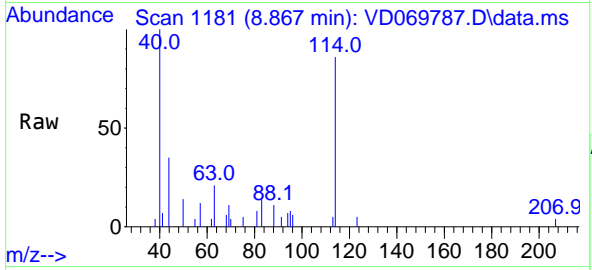
Tgt Ion: 65 Resp: 3153  
 Ion Ratio Lower Upper  
 65 100  
 67 56.3 0.0 107.2





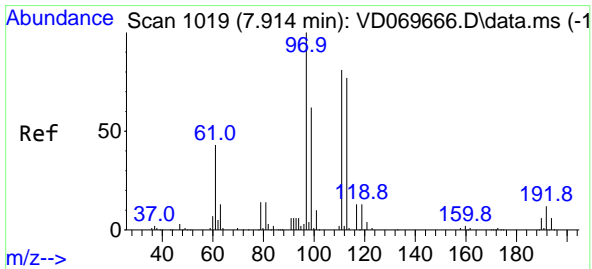
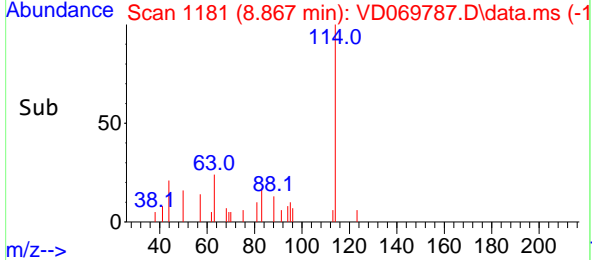
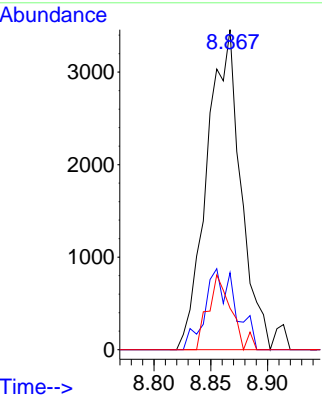
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.867 min Scan# 1181  
 Delta R.T. 0.006 min  
 Lab File: VD069787.D  
 Acq: 21 Jul 2021 13:23

Instrument :  
 MSVOA\_D  
 ClientSampled :  
 SP-1A



Tgt Ion:114 Resp: 7147

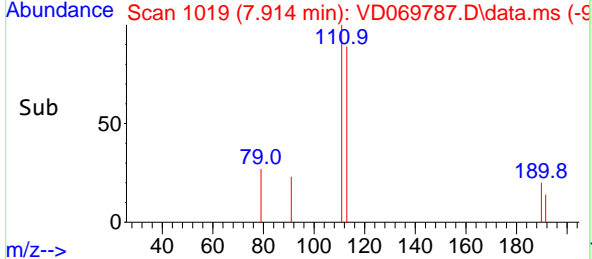
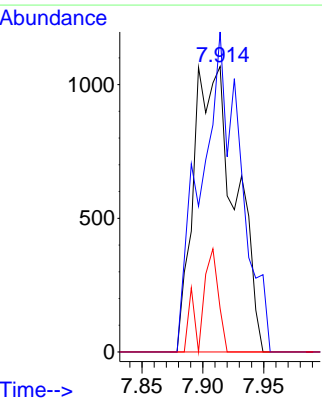
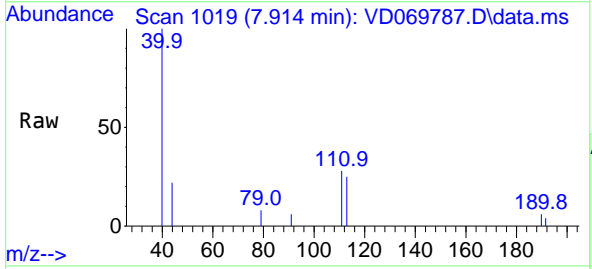
Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	43.4
88	13.0	0.0	32.0

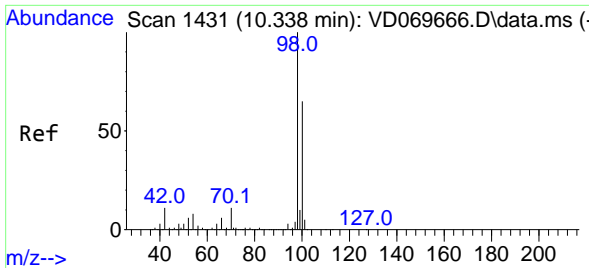


#35  
 Dibromofluoromethane  
 Concen: 53.162 ug/l  
 RT: 7.914 min Scan# 1019  
 Delta R.T. 0.000 min  
 Lab File: VD069787.D  
 Acq: 21 Jul 2021 13:23

Tgt Ion:113 Resp: 2549

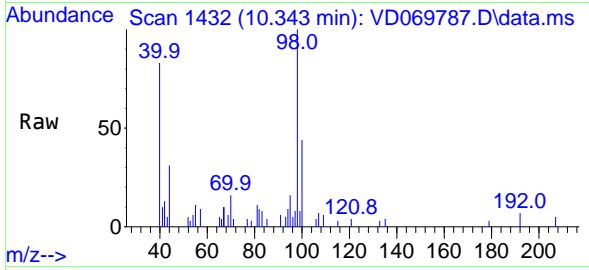
Ion	Ratio	Lower	Upper
113	100		
111	106.7	82.6	123.8
192	14.9	12.7	19.1



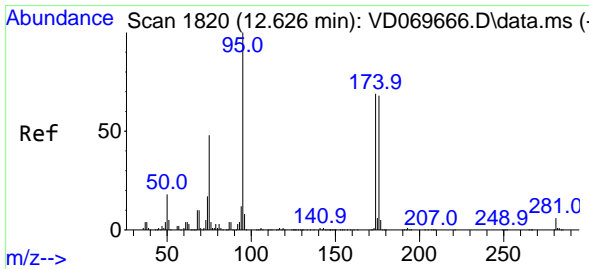
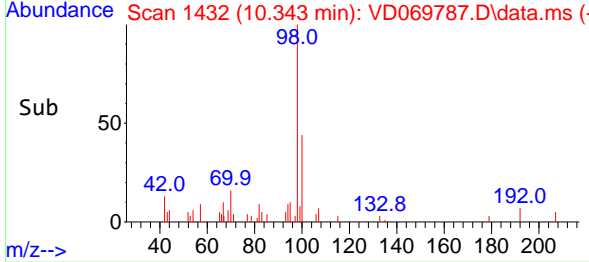
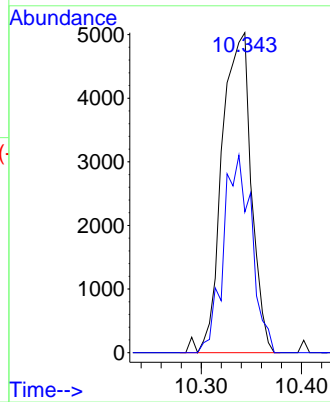


#50  
 Toluene-d8  
 Concen: 54.779 ug/l  
 RT: 10.343 min Scan# 1432  
 Delta R.T. 0.005 min  
 Lab File: VD069787.D  
 Acq: 21 Jul 2021 13:23

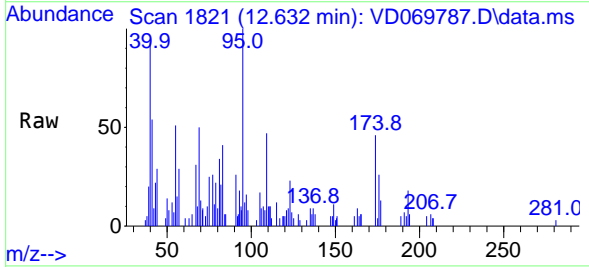
Instrument :  
 MSVOA\_D  
 ClientSampled :  
 SP-1A



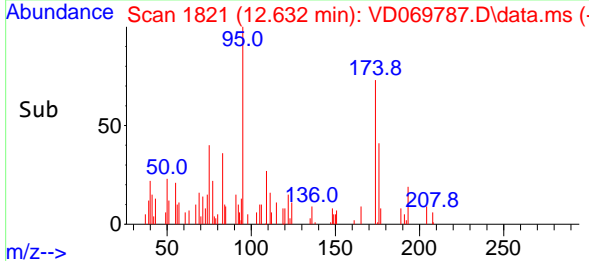
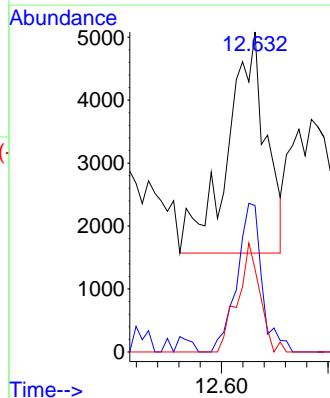
Tgt Ion: 98 Resp: 10204  
 Ion Ratio Lower Upper  
 98 100  
 100 59.6 52.2 78.2

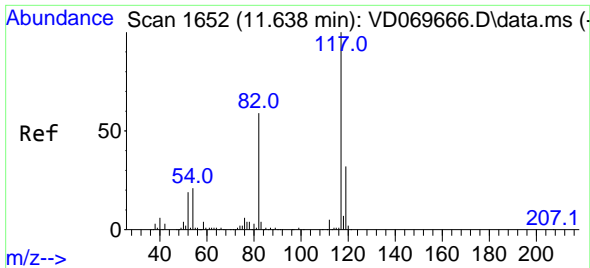


#62  
 4-Bromofluorobenzene  
 Concen: 140.377 ug/l  
 RT: 12.632 min Scan# 1821  
 Delta R.T. 0.006 min  
 Lab File: VD069787.D  
 Acq: 21 Jul 2021 13:23



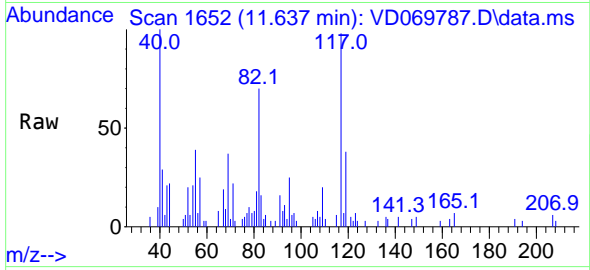
Tgt Ion: 95 Resp: 8721  
 Ion Ratio Lower Upper  
 95 100  
 174 44.3 0.0 140.0  
 176 28.8 0.0 136.2





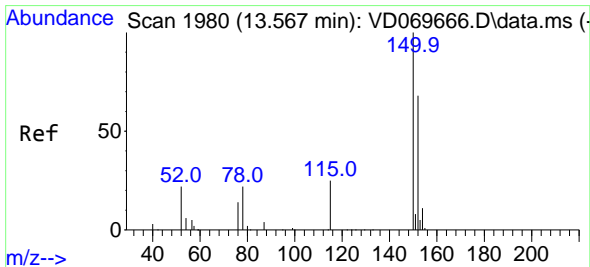
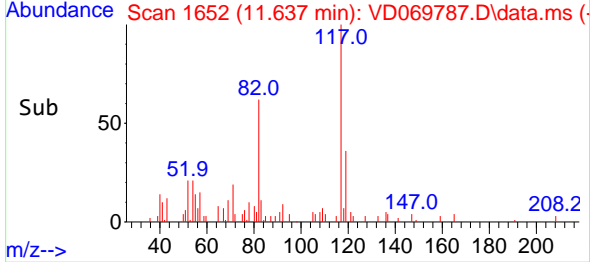
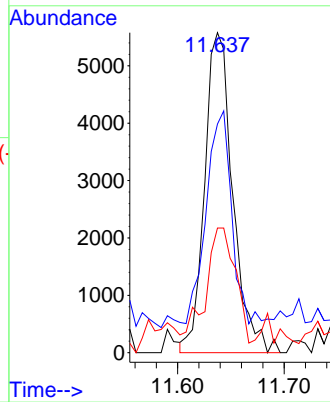
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.637 min Scan# 1652  
 Delta R.T. -0.001 min  
 Lab File: VD069787.D  
 Acq: 21 Jul 2021 13:23

Instrument :  
 MSVOA\_D  
 ClientSampled :  
 SP-1A

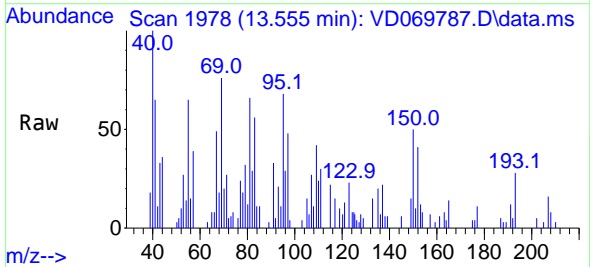


Tgt Ion:117 Resp: 10241

Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.4	71.2
119	33.4	25.5	38.3



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.555 min Scan# 1978  
 Delta R.T. -0.012 min  
 Lab File: VD069787.D  
 Acq: 21 Jul 2021 13:23



Tgt Ion:152 Resp: 3913

Ion	Ratio	Lower	Upper
152	100		
115	91.9	31.7	95.1
150	154.4	0.0	350.4

