

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077149.D
 Acq On : 19 Sep 2023 16:32
 Operator : JC/SY
 Sample : 04433-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 20 13:44:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

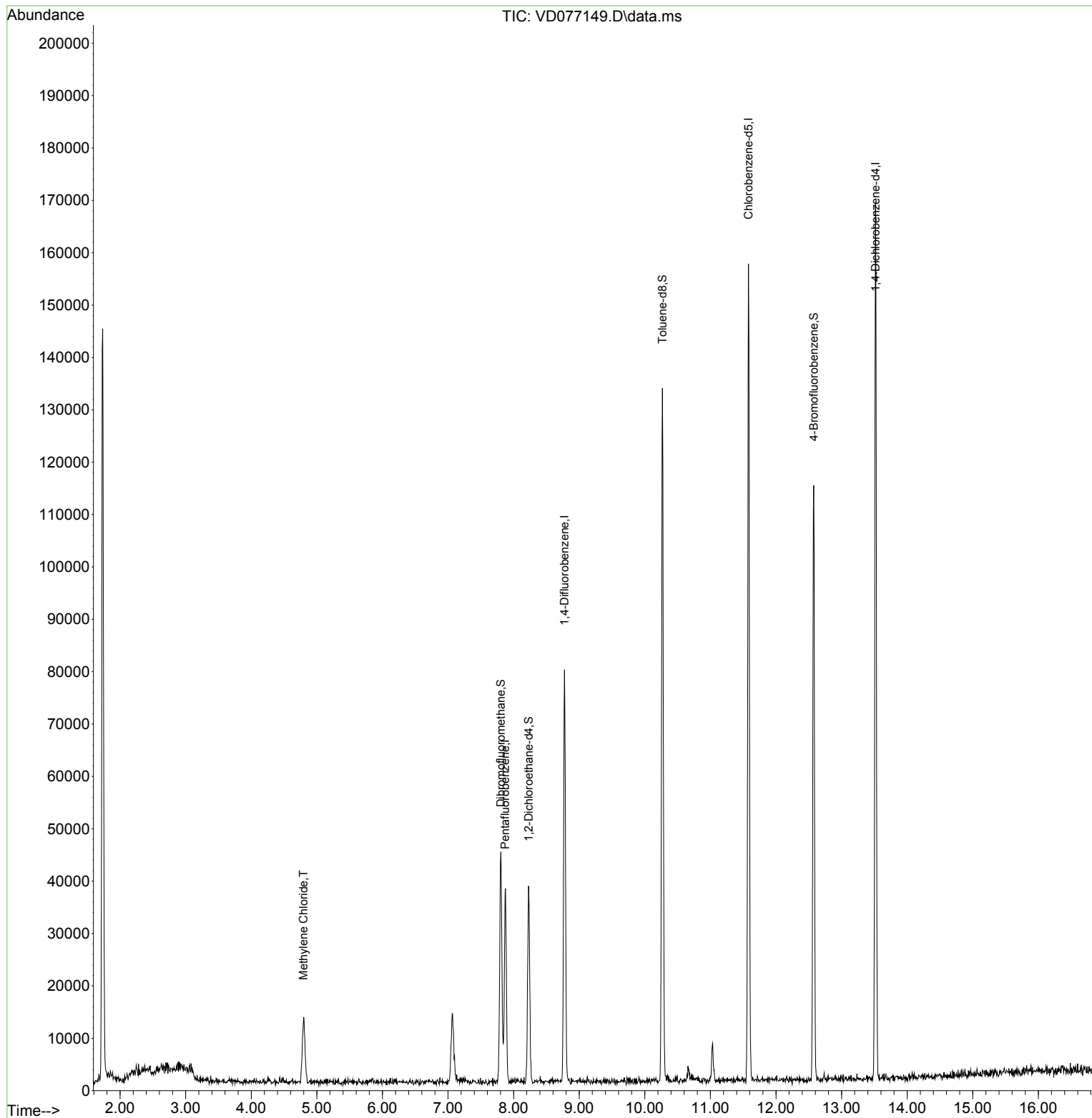
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

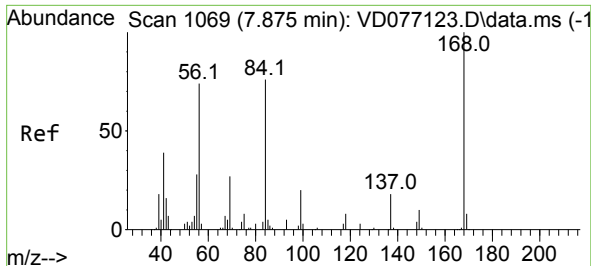
Internal Standards						
1) Pentafluorobenzene	7.869	168	27413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	72096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	94855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	49013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	28263	102.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 204.320%#	
35) Dibromofluoromethane	7.805	113	31050	62.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.000%	
50) Toluene-d8	10.269	98	96043	53.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.760%	
62) 4-Bromofluorobenzene	12.575	95	35875	64.936	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 129.880%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	9696	19.906	ug/l	90

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

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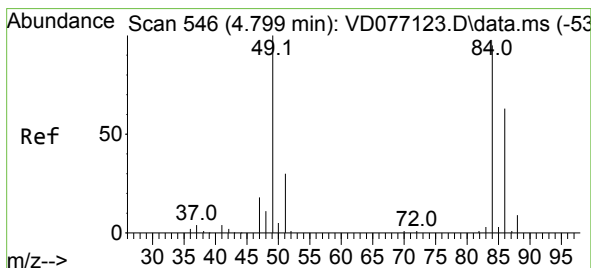
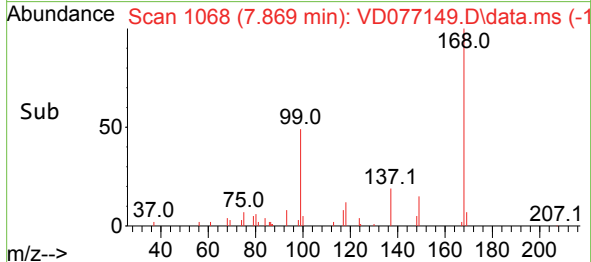
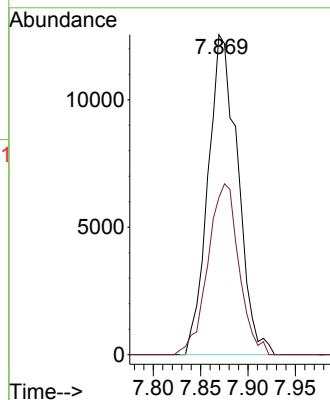
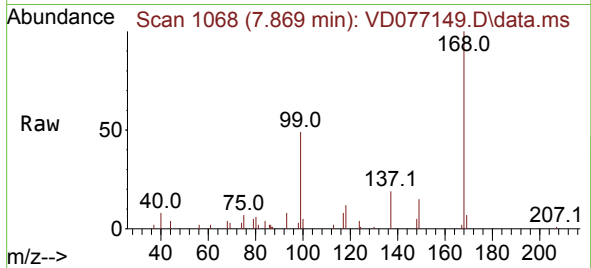
Quant Time: Sep 20 13:44:36 2023
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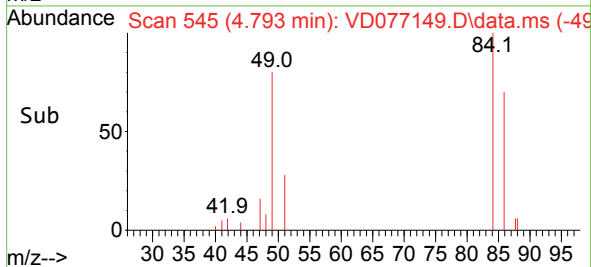
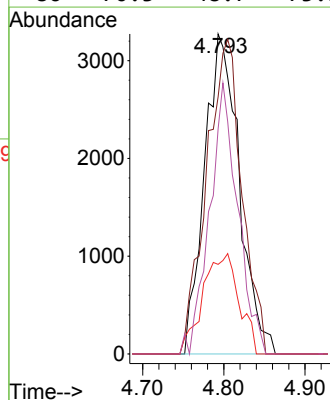
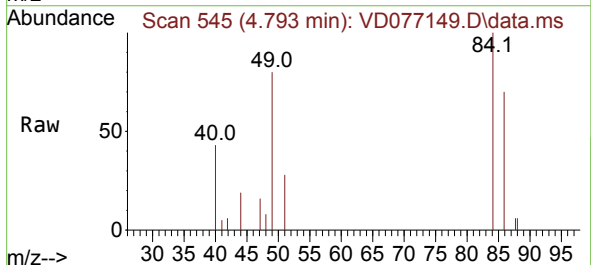
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD077149.D
Acq: 19 Sep 2023 16:32

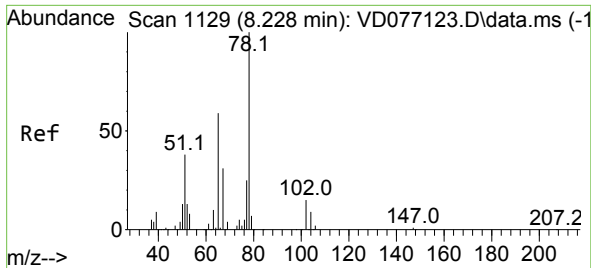
Tgt Ion:168 Resp: 27413
Ion Ratio Lower Upper
168 100
99 49.1 36.7 55.1



#20
Methylene Chloride
Concen: 19.906 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077149.D
Acq: 19 Sep 2023 16:32

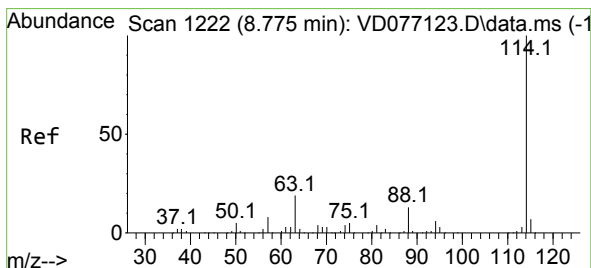
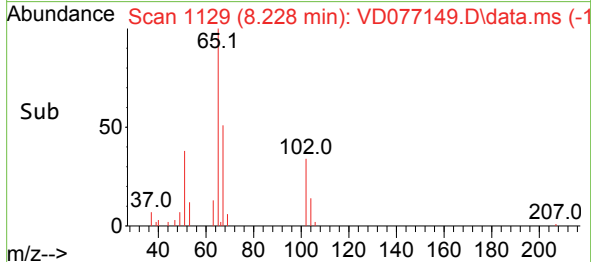
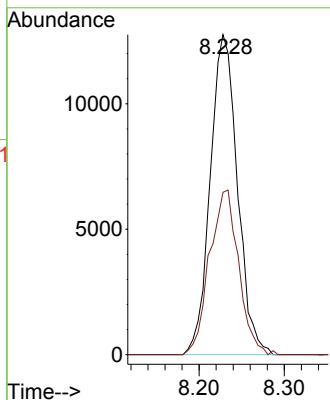
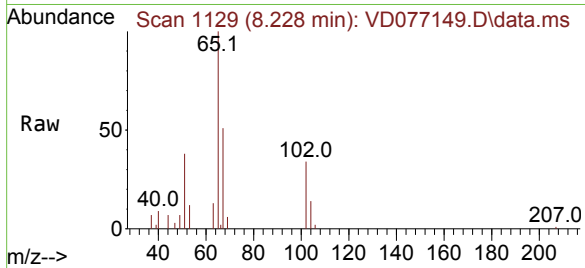
Tgt Ion: 84 Resp: 9696
Ion Ratio Lower Upper
84 100
49 80.4 71.4 107.2
51 28.0 24.5 36.7
86 70.3 48.7 73.1





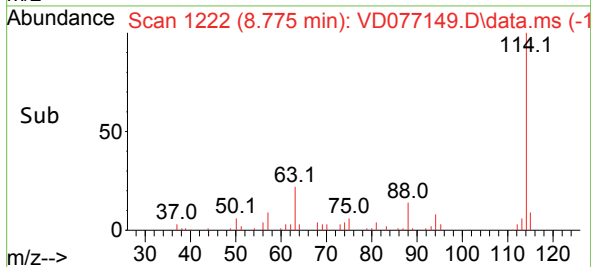
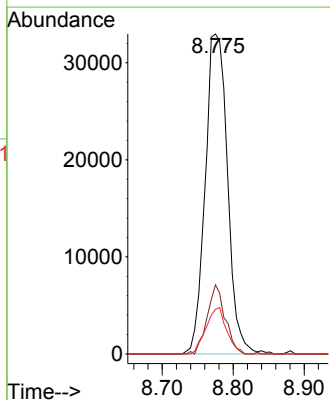
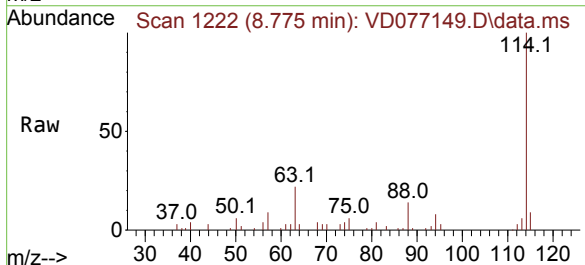
#33
1,2-Dichloroethane-d4
Concen: 102.160 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077149.D
Acq: 19 Sep 2023 16:32

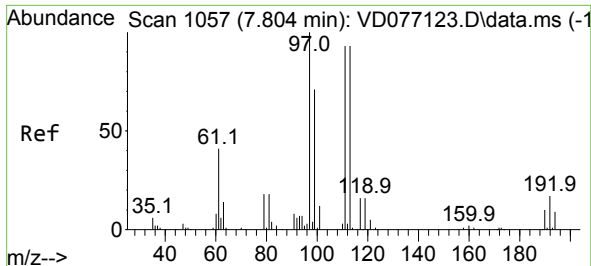
Tgt Ion: 65 Resp: 28263
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077149.D
Acq: 19 Sep 2023 16:32

Tgt Ion: 114 Resp: 72096
Ion Ratio Lower Upper
114 100
63 21.6 0.0 33.4
88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 62.004 ug/l

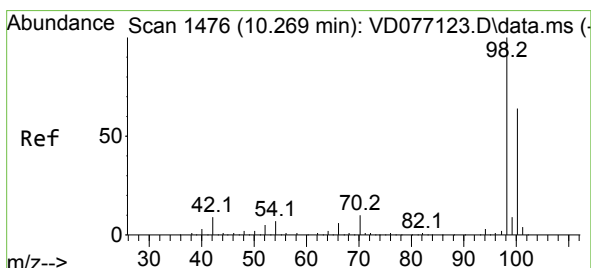
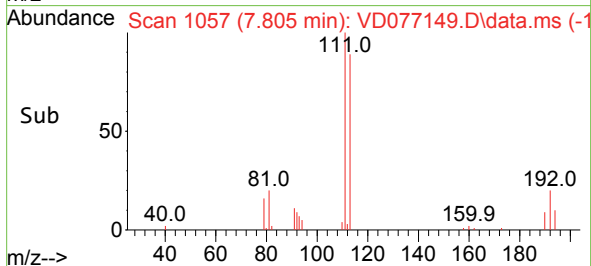
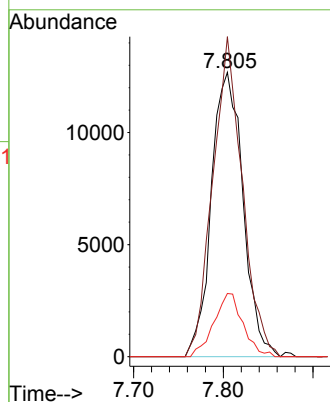
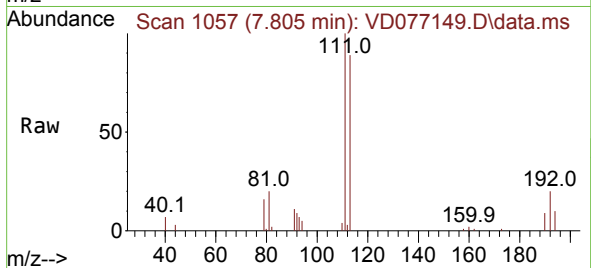
RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077149.D

Acq: 19 Sep 2023 16:32

Tgt Ion:	113	Resp:	31050
Ion	Ratio	Lower	Upper
113	100		
111	105.0	84.7	127.1
192	20.5	16.8	25.2



#50

Toluene-d8

Concen: 53.882 ug/l

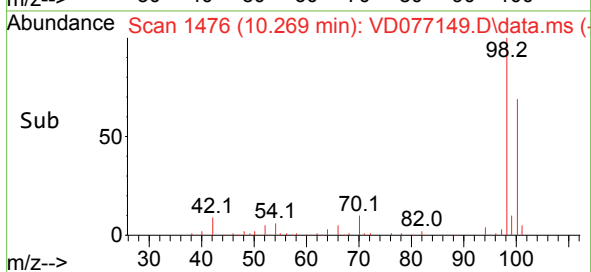
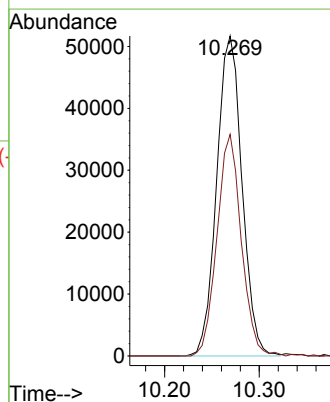
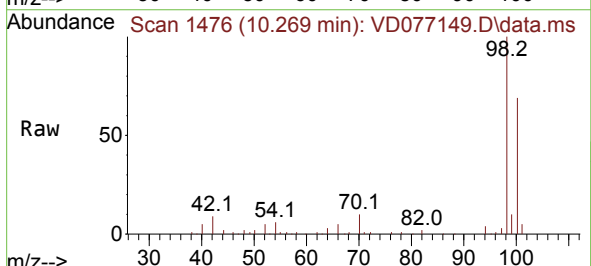
RT: 10.269 min Scan# 1476

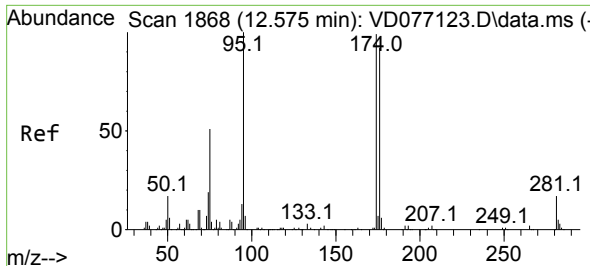
Delta R.T. 0.000 min

Lab File: VD077149.D

Acq: 19 Sep 2023 16:32

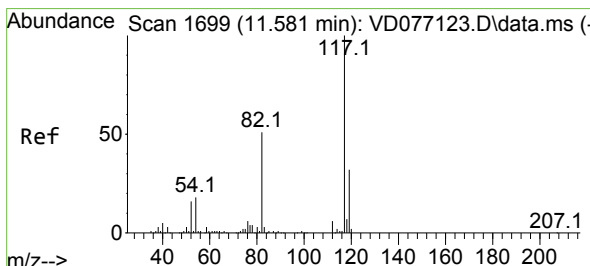
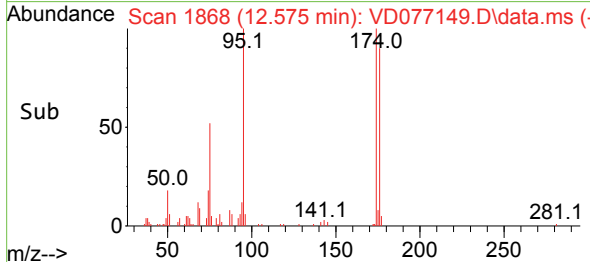
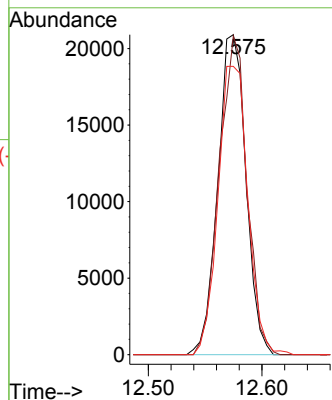
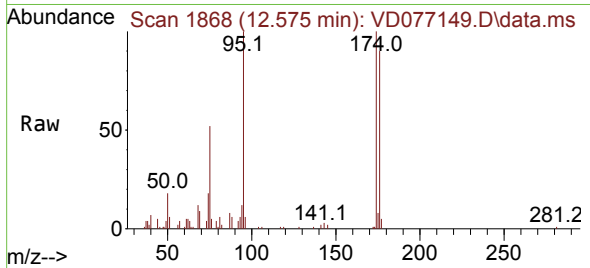
Tgt Ion:	98	Resp:	96043
Ion	Ratio	Lower	Upper
98	100		
100	66.4	50.3	75.5





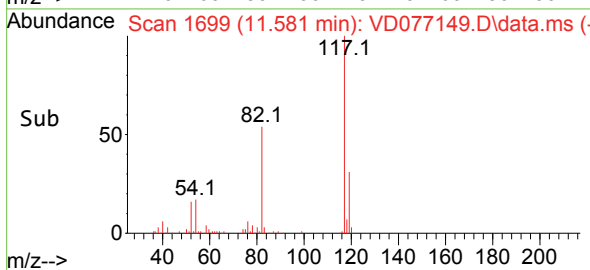
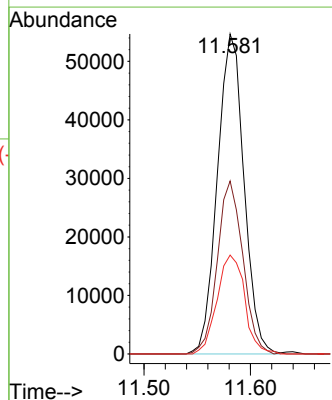
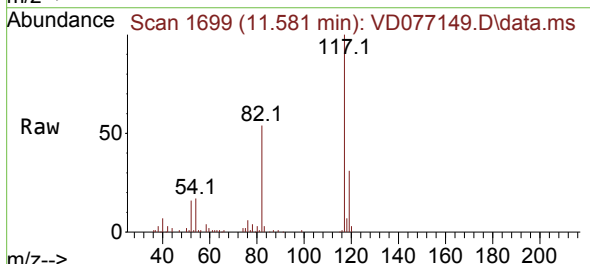
#62
4-Bromofluorobenzene
Concen: 64.936 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077149.D
Acq: 19 Sep 2023 16:32

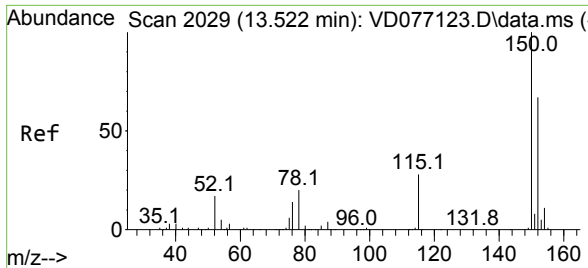
Tgt Ion:	95	Resp:	35875
Ion	Ratio	Lower	Upper
95	100		
174	98.9	0.0	201.8
176	96.0	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077149.D
Acq: 19 Sep 2023 16:32

Tgt Ion:	117	Resp:	94855
Ion	Ratio	Lower	Upper
117	100		
82	54.0	38.3	57.5
119	30.9	25.0	37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077149.D
Acq: 19 Sep 2023 16:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.1	81.3
150	151.5	0.0	353.6

