

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079304.D
 Acq On : 01 Jul 2024 18:58
 Operator : RP/MD
 Sample : P3141-02
 Misc : 7.38G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-140-SB01

Quant Time: Jul 02 06:01:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

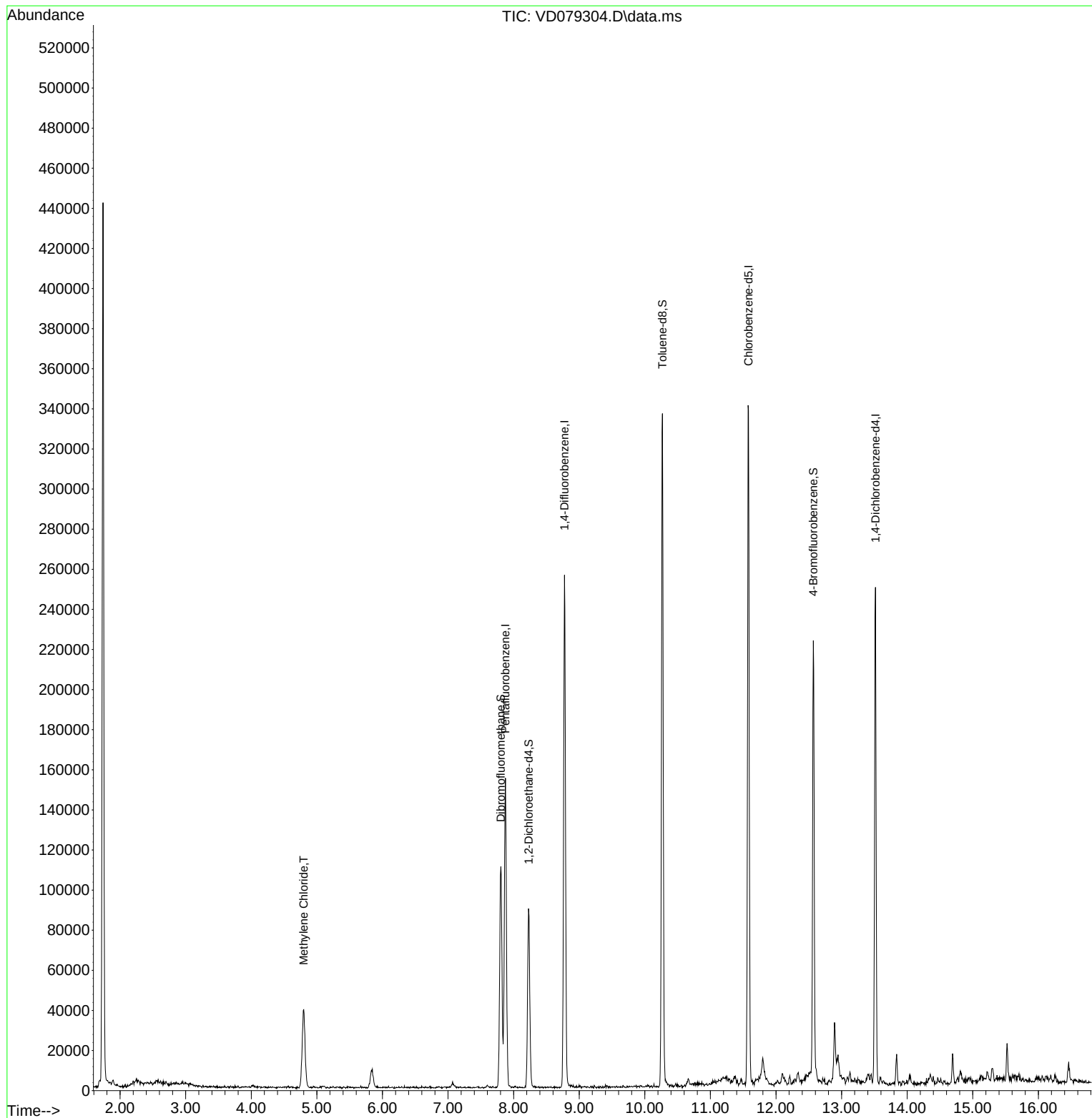
Internal Standards						
1) Pentafluorobenzene	7.875	168	105950	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	218417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	200113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70665	69.826	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	139.660%	
35) Dibromofluoromethane	7.805	113	85045	59.319	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	118.640%	
50) Toluene-d8	10.269	98	245283	47.557	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	95.120%	
62) 4-Bromofluorobenzene	12.569	95	74582	45.095	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	90.180%	
Target Compounds						
20) Methylene Chloride	4.799	84	31978	14.544	ug/l	Qvalue 90

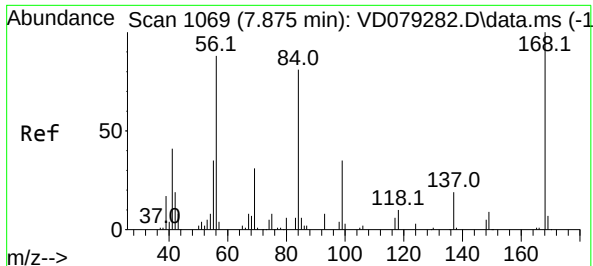
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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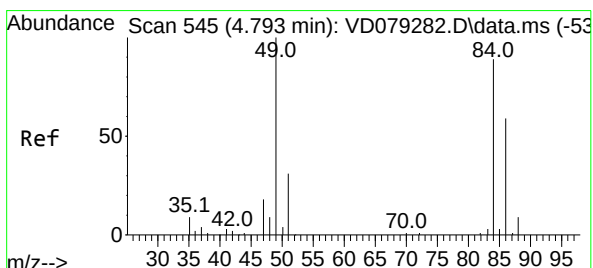
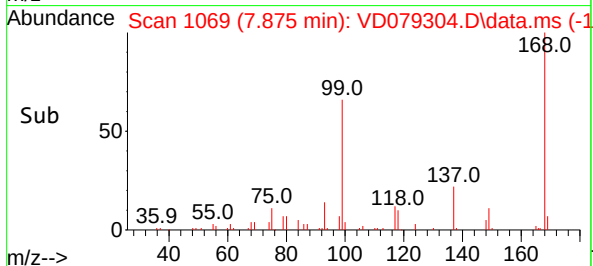
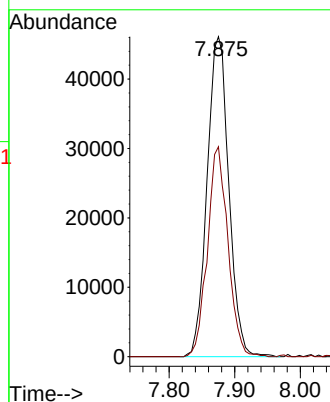
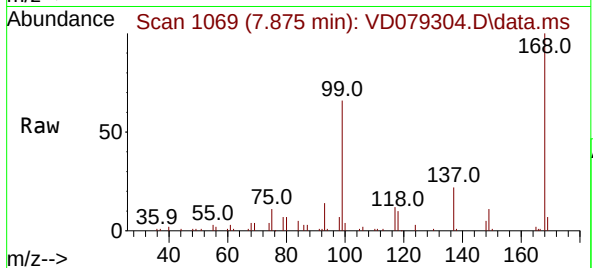




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079304.D
Acq: 01 Jul 2024 18:58

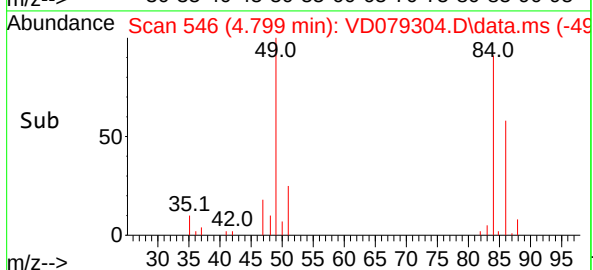
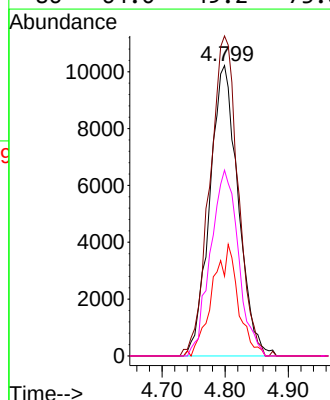
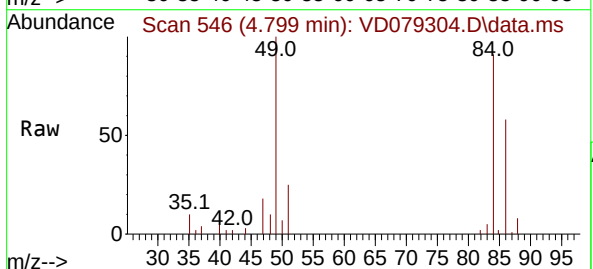
Instrument :
MSVOA_D
ClientSampleId :
B-140-SB01

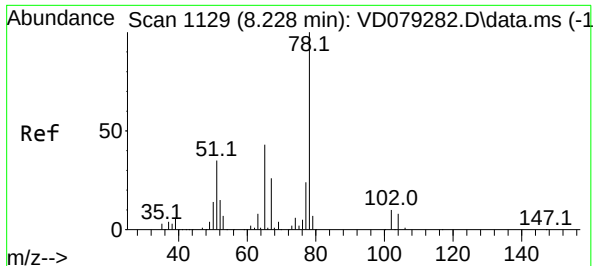
Tgt Ion:168 Resp: 105950
Ion Ratio Lower Upper
168 100
99 65.6 41.1 61.7#



#20
Methylene Chloride
Concen: 14.544 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079304.D
Acq: 01 Jul 2024 18:58

Tgt Ion: 84 Resp: 31978
Ion Ratio Lower Upper
84 100
49 110.2 75.6 113.4
51 27.5 24.2 36.2
86 64.0 49.2 73.8

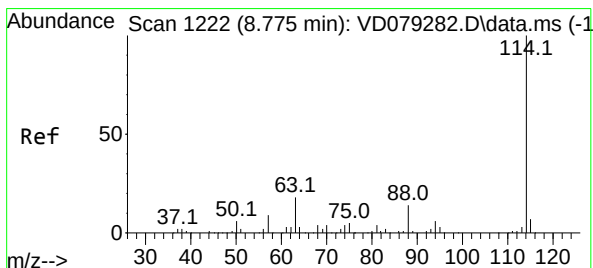
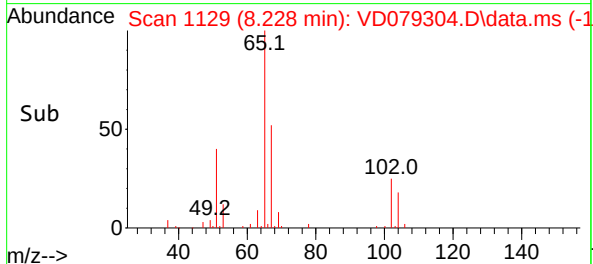
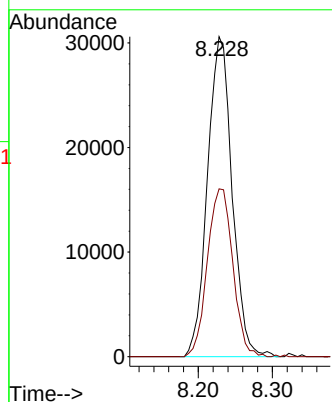
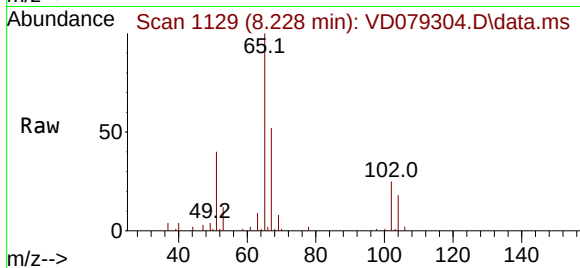




#33
 1,2-Dichloroethane-d4
 Concen: 69.826 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD079304.D
 Acq: 01 Jul 2024 18:58

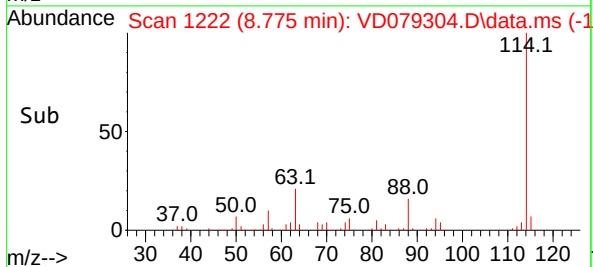
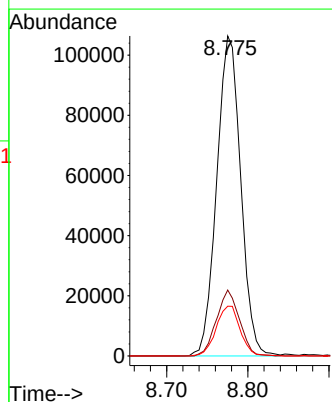
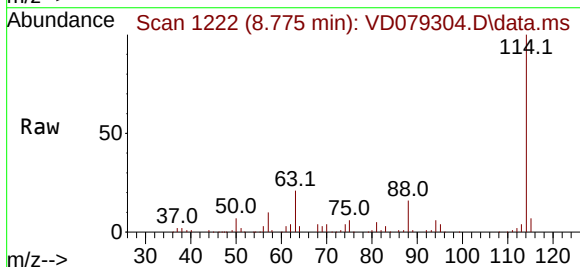
Instrument :
 MSVOA_D
 ClientSampleId :
 B-140-SB01

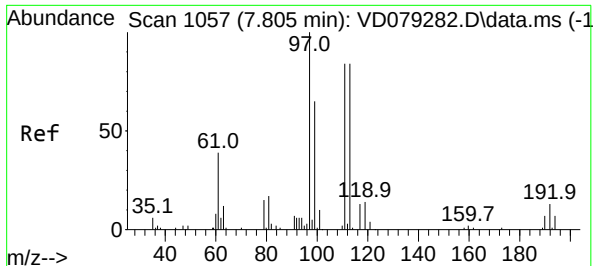
Tgt Ion: 65 Resp: 70665
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079304.D
 Acq: 01 Jul 2024 18:58

Tgt Ion: 114 Resp: 218417
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 34.0
 88 15.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 59.319 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079304.D

Acq: 01 Jul 2024 18:58

Instrument :

MSVOA_D

ClientSampleId :

B-140-SB01

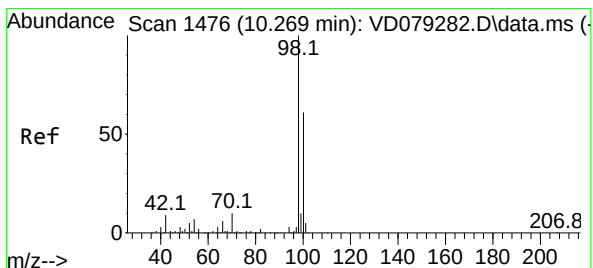
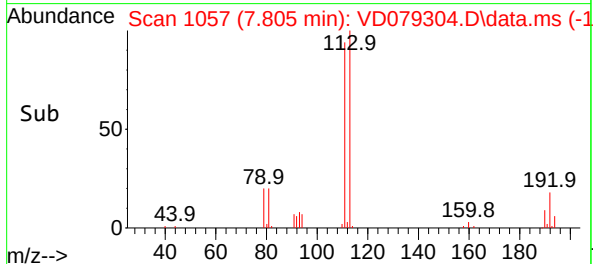
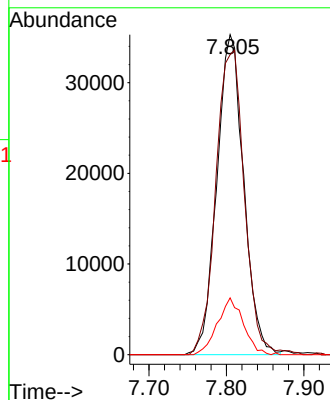
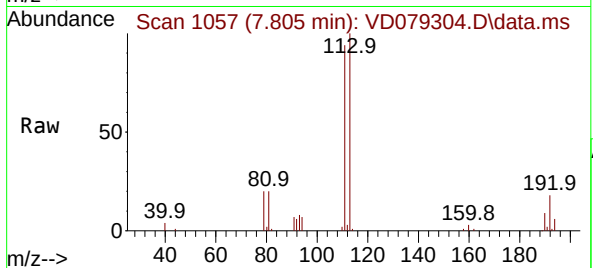
Tgt Ion:113 Resp: 85045

Ion Ratio Lower Upper

113 100

111 101.1 84.0 126.0

192 17.1 15.4 23.0



#50

Toluene-d8

Concen: 47.557 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079304.D

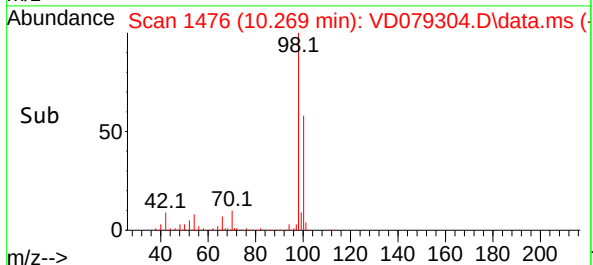
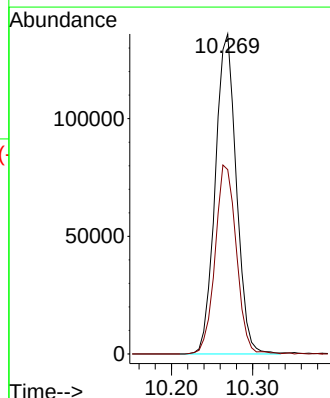
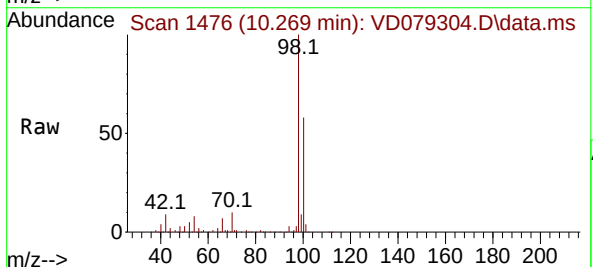
Acq: 01 Jul 2024 18:58

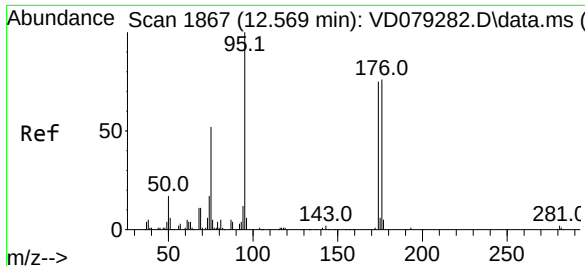
Tgt Ion: 98 Resp: 245283

Ion Ratio Lower Upper

98 100

100 59.4 51.6 77.4

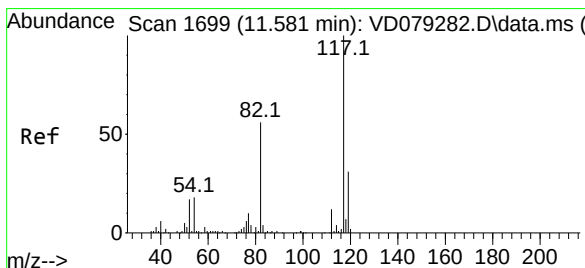
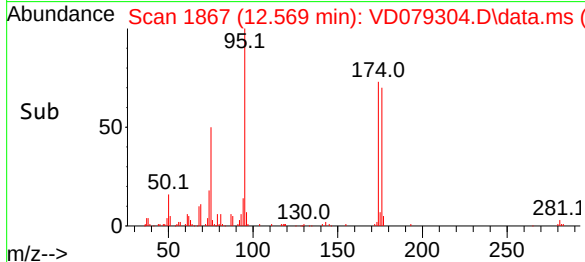
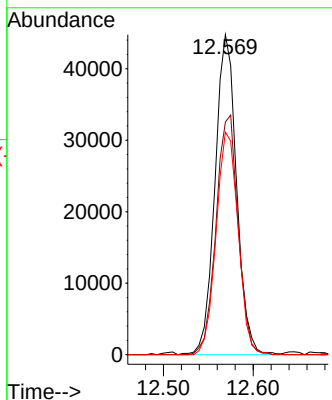
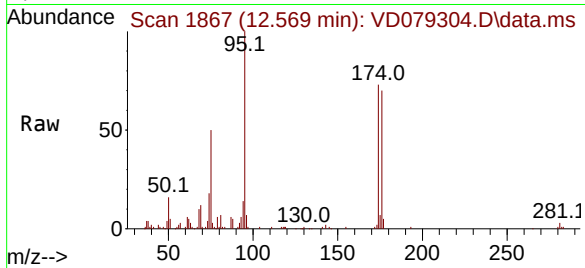




#62
4-Bromofluorobenzene
Concen: 45.095 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079304.D
Acq: 01 Jul 2024 18:58

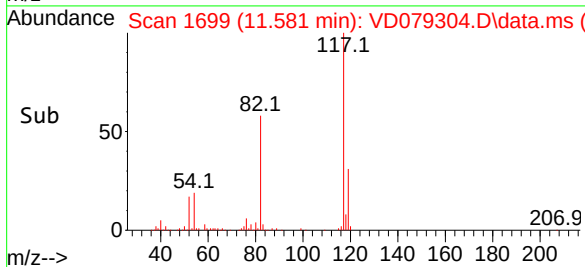
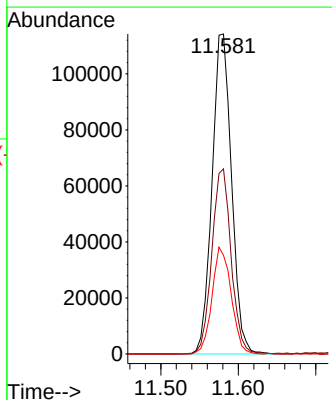
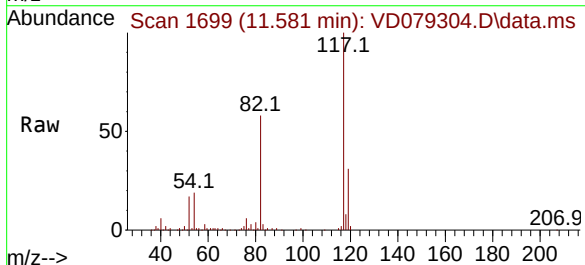
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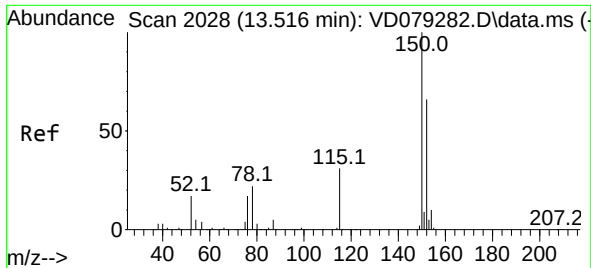
Tgt Ion:	95	Resp:	74582
Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	195.4
176	71.1	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079304.D
Acq: 01 Jul 2024 18:58

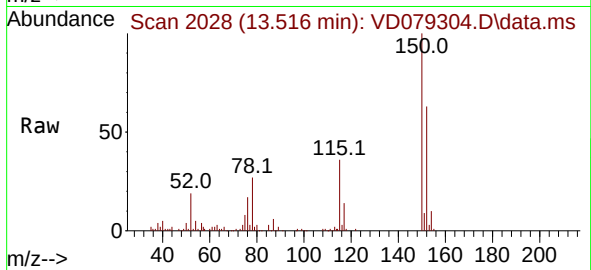
Tgt Ion:	117	Resp:	200113
Ion	Ratio	Lower	Upper
117	100		
82	57.8	39.8	59.6
119	30.8	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD079304.D
 Acq: 01 Jul 2024 18:58

Instrument :
 MSVOA_D
 ClientSampleId :
 B-140-SB01



Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.2	26.5	79.5
150	162.8	0.0	341.6

