

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079302.D
 Acq On : 01 Jul 2024 18:03
 Operator : RP/MD
 Sample : P3112-02
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC

Quant Time: Jul 02 06:00:23 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)

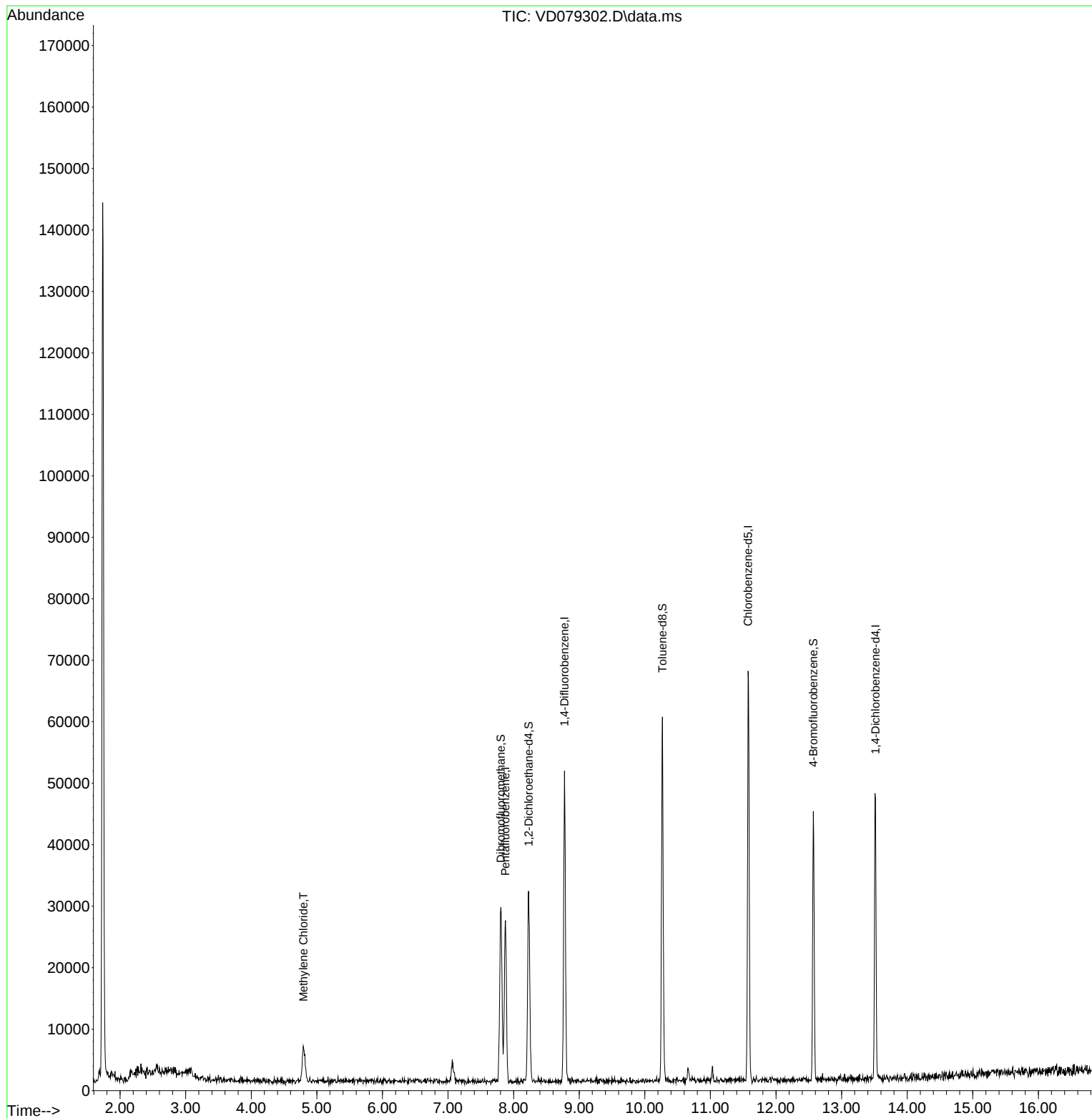
Internal Standards						
1) Pentafluorobenzene	7.875	168	19296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	41500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	38968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	11598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24198	135.213	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 270.420%#		
35) Dibromofluoromethane	7.805	113	21764	79.896	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 159.800%#		
50) Toluene-d8	10.269	98	41583	42.433	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 84.860%		
62) 4-Bromofluorobenzene	12.569	95	14178	45.118	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 90.240%		
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	4608	10.206	ug/l #	81

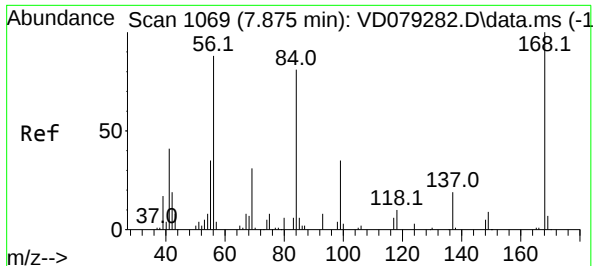
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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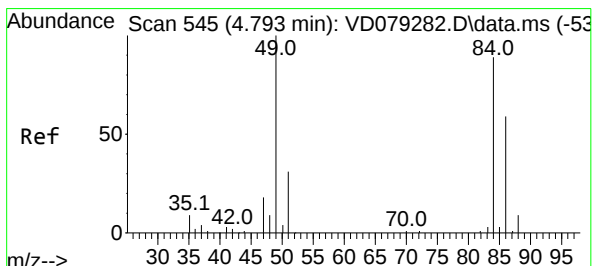
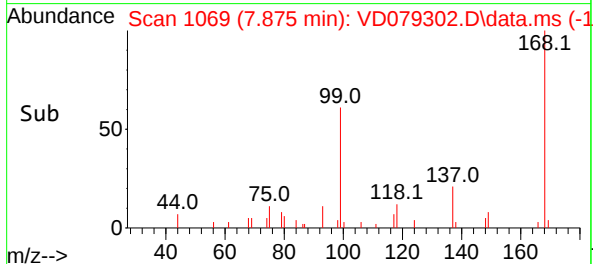
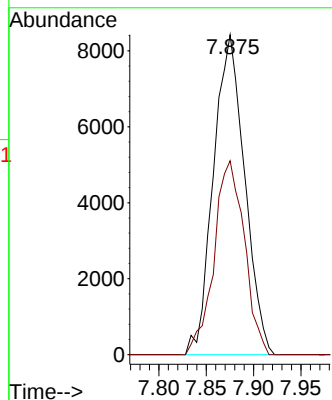
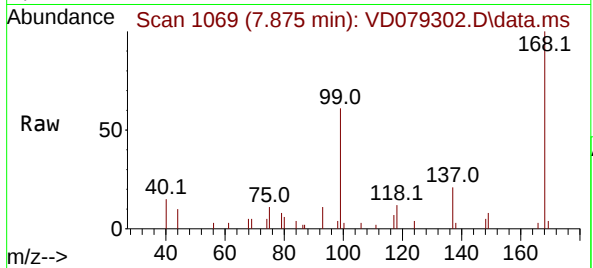




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

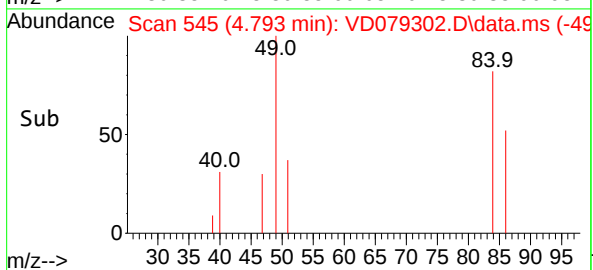
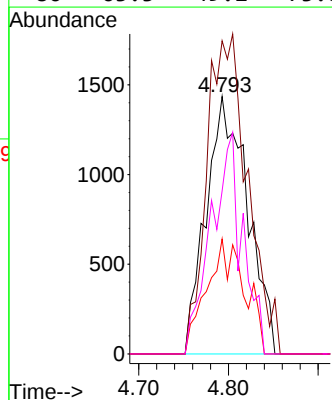
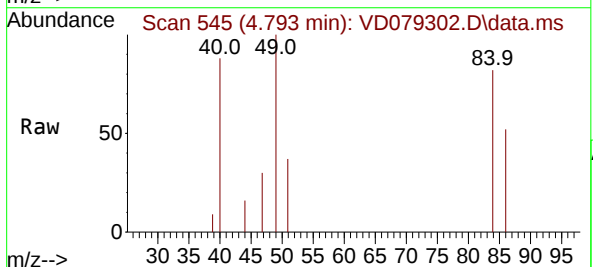
Instrument :
MSVOA_D
ClientSampleId :
VOC

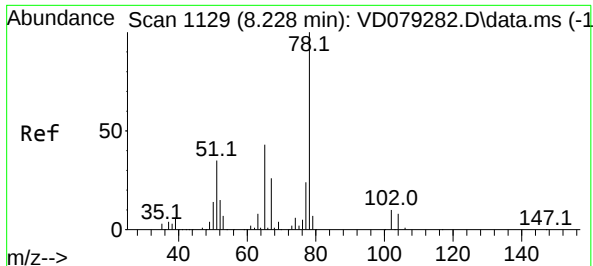
Tgt Ion:168 Resp: 19296
Ion Ratio Lower Upper
168 100
99 60.6 41.1 61.7



#20
Methylene Chloride
Concen: 10.206 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

Tgt Ion: 84 Resp: 4608
Ion Ratio Lower Upper
84 100
49 121.7 75.6 113.4#
51 44.7 24.2 36.2#
86 63.3 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 135.213 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079302.D

Acq: 01 Jul 2024 18:03

Instrument :

MSVOA_D

ClientSampleId :

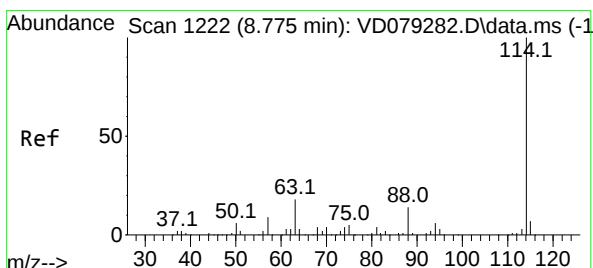
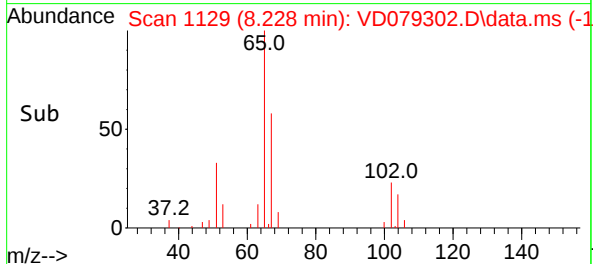
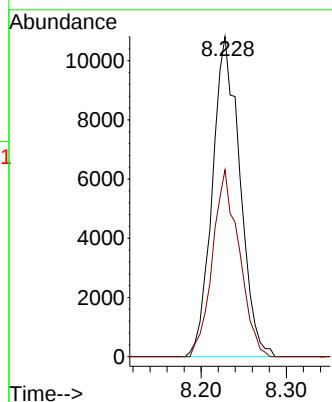
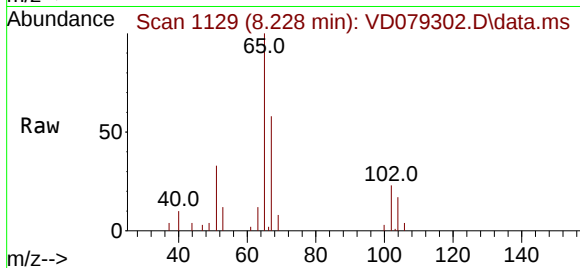
VOC

Tgt Ion: 65 Resp: 24198

Ion Ratio Lower Upper

65 100

67 56.6 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: VD079302.D

Acq: 01 Jul 2024 18:03

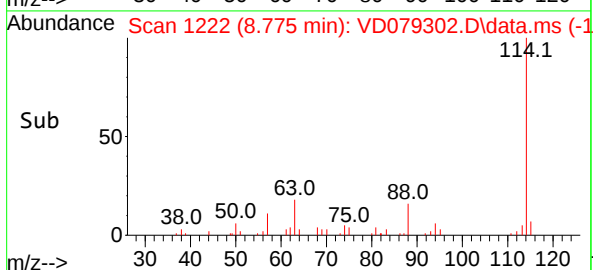
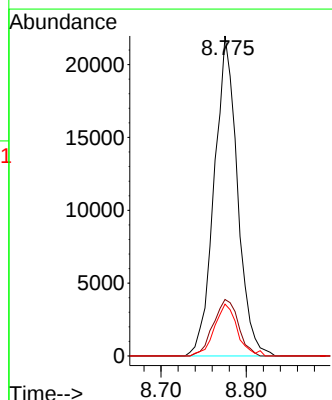
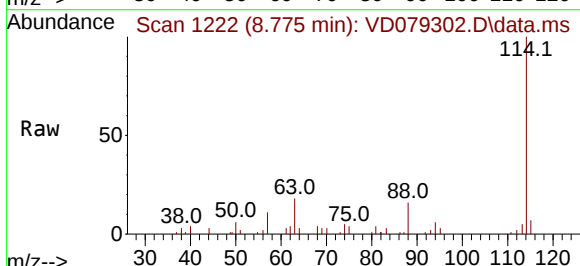
Tgt Ion: 114 Resp: 41500

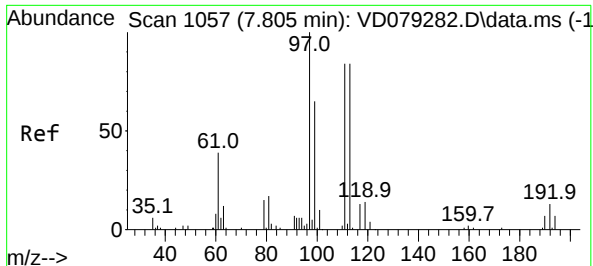
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.0

88 16.2 0.0 27.2

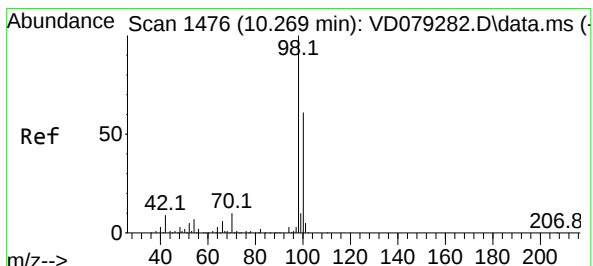
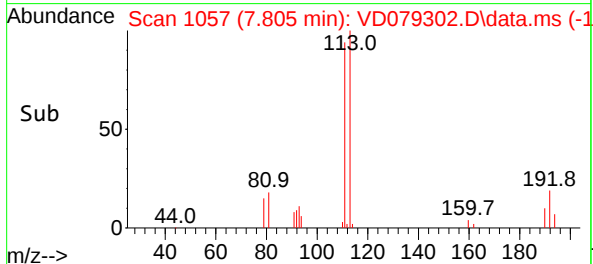
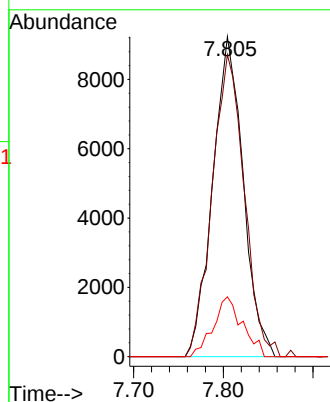
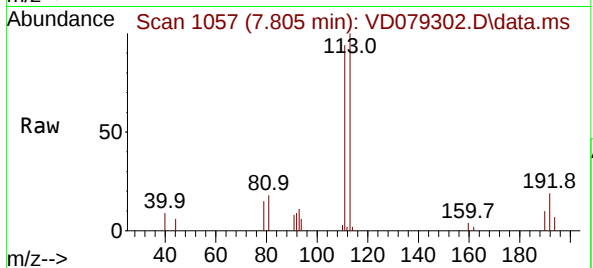




#35
Dibromofluoromethane
Concen: 79.896 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

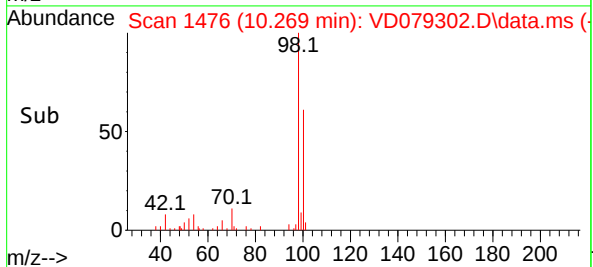
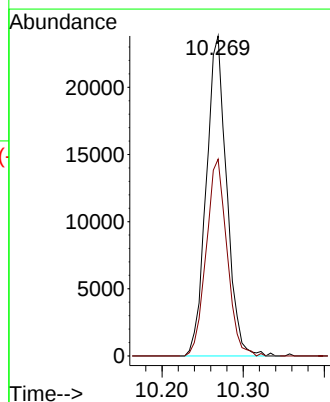
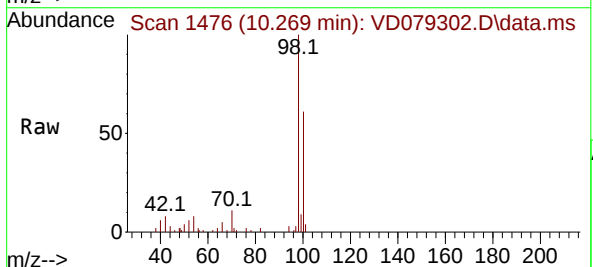
Instrument :
MSVOA_D
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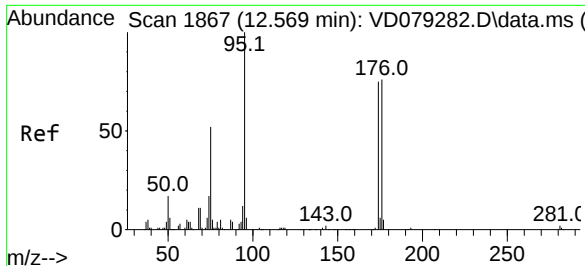
Tgt Ion:113 Resp: 21764
Ion Ratio Lower Upper
113 100
111 99.1 84.0 126.0
192 17.9 15.4 23.0



#50
Toluene-d8
Concen: 42.433 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

Tgt Ion: 98 Resp: 41583
Ion Ratio Lower Upper
98 100
100 62.7 51.6 77.4

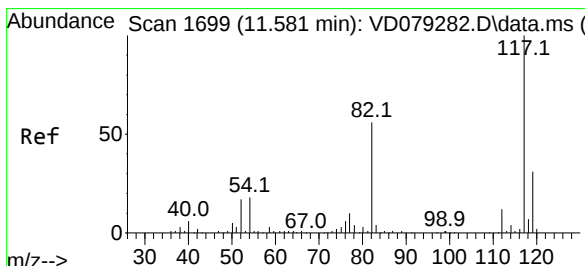
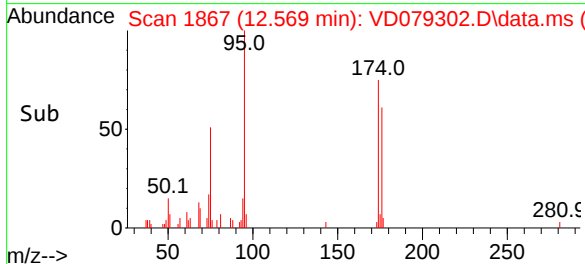
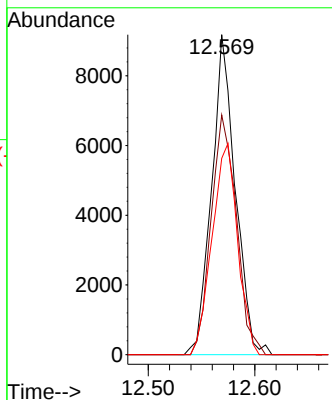
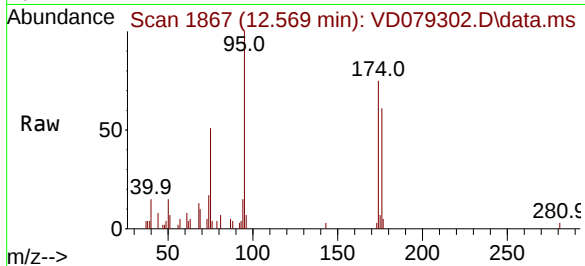




#62
4-Bromofluorobenzene
Concen: 45.118 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

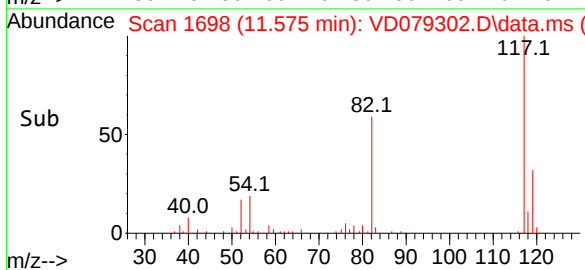
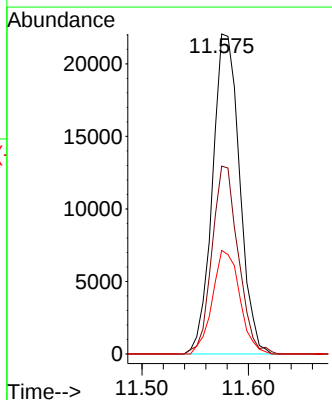
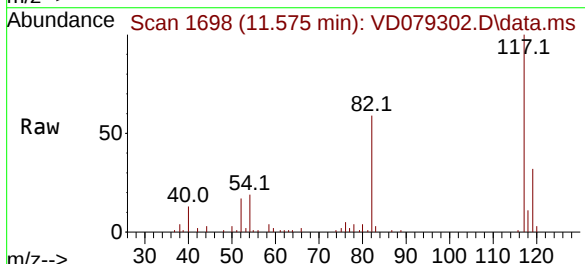
Instrument :
MSVOA_D
ClientSampleId :
VOC

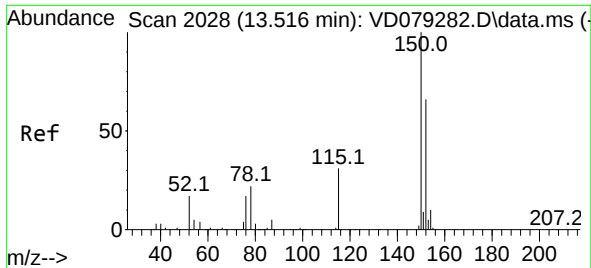
Tgt Ion:	95	Resp:	14178
Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	195.4
176	71.1	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD079302.D
Acq: 01 Jul 2024 18:03

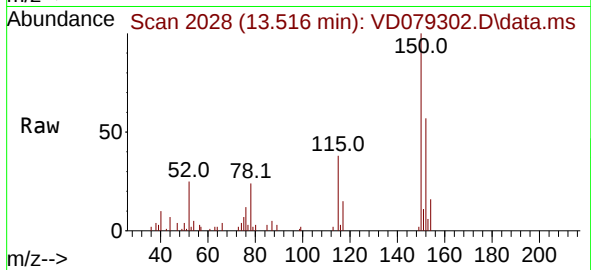
Tgt Ion:	117	Resp:	38968
Ion	Ratio	Lower	Upper
117	100		
82	58.7	39.8	59.6
119	32.3	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079302.D
 Acq: 01 Jul 2024 18:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC



Tgt Ion:	152	Resp:	11598
Ion	Ratio	Lower	Upper
152	100		
115	67.8	26.5	79.5
150	169.9	0.0	341.6

