

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079324.D
 Acq On : 02 Jul 2024 17:37
 Operator : RP/MD
 Sample : P3149-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-070224

Quant Time: Jul 03 01:25:06 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)

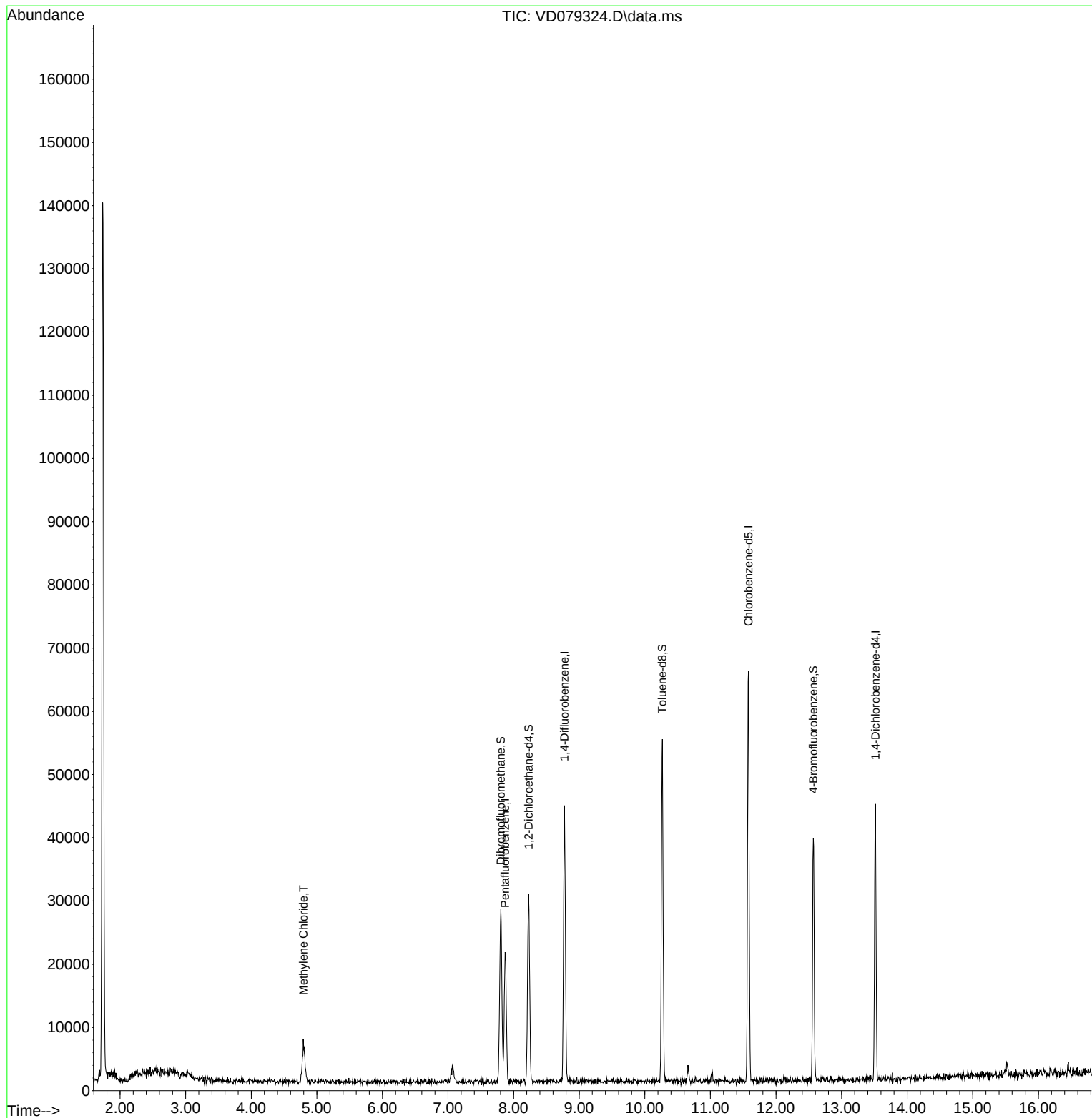
Internal Standards						
1) Pentafluorobenzene	7.869	168	15163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	36557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	36890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	11323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24354	174.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 348.860%#	
35) Dibromofluoromethane	7.805	113	20496	85.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 170.820%#	
50) Toluene-d8	10.263	98	39757	46.055	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.100%	
62) 4-Bromofluorobenzene	12.569	95	14414	52.071	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.140%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	5115	16.989	ug/l #	87

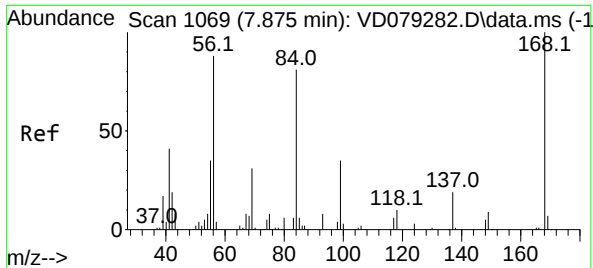
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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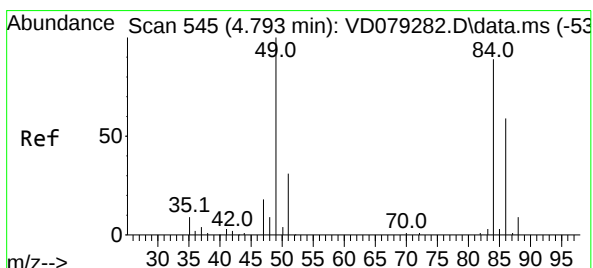
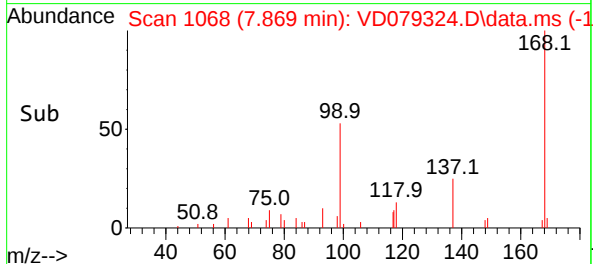
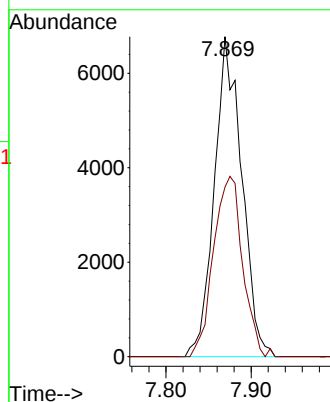
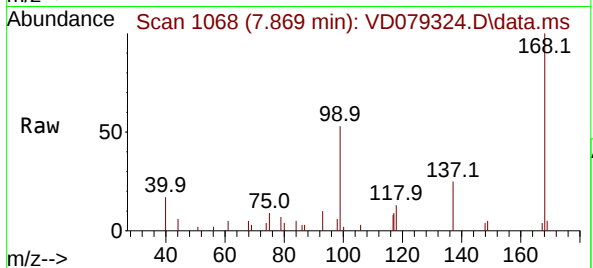




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079324.D
Acq: 02 Jul 2024 17:37

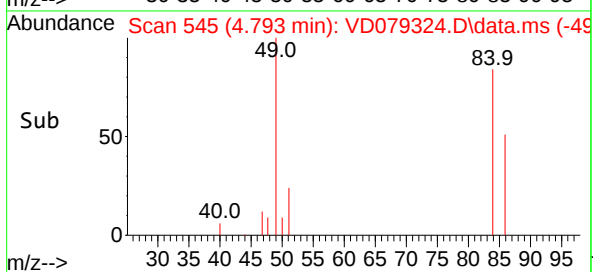
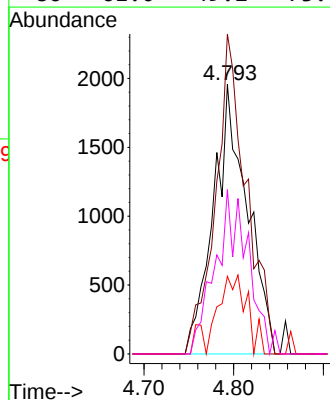
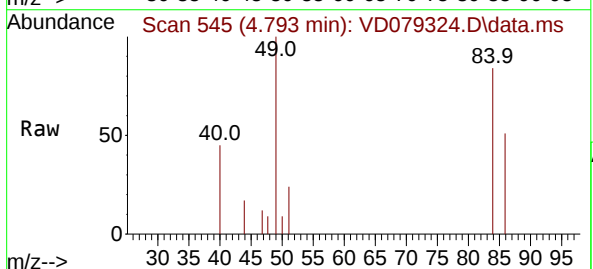
Instrument :
MSVOA_D
ClientSampleId :
OK-01-070224

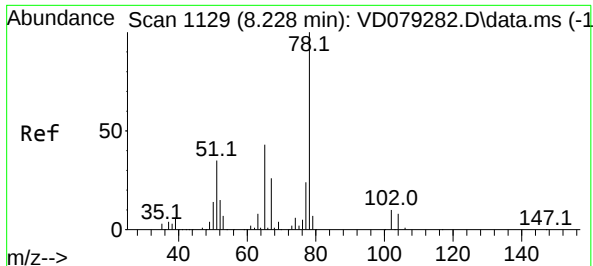
Tgt Ion:168 Resp: 15163
Ion Ratio Lower Upper
168 100
99 53.0 41.1 61.7



#20
Methylene Chloride
Concen: 16.989 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079324.D
Acq: 02 Jul 2024 17:37

Tgt Ion: 84 Resp: 5115
Ion Ratio Lower Upper
84 100
49 118.7 75.6 113.4#
51 28.8 24.2 36.2
86 61.0 49.2 73.8

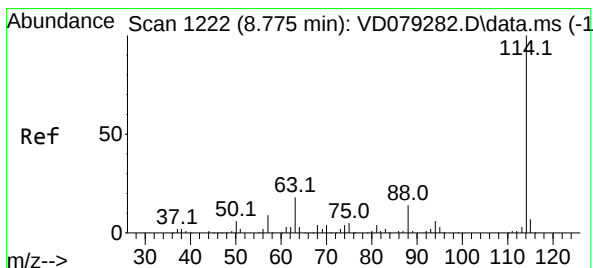
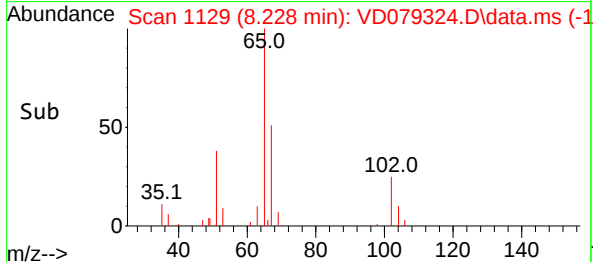
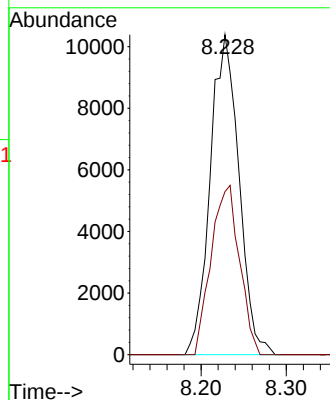
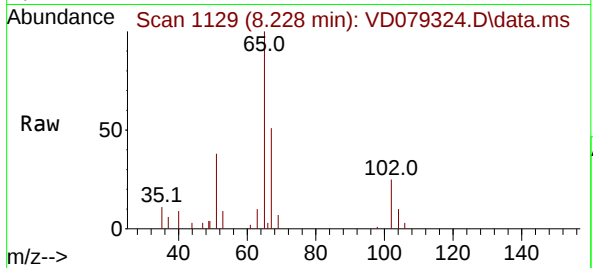




#33
 1,2-Dichloroethane-d4
 Concen: 174.429 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD079324.D
 Acq: 02 Jul 2024 17:37

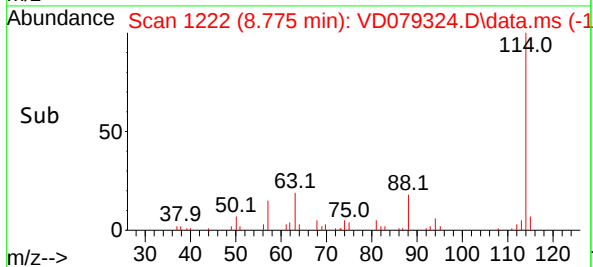
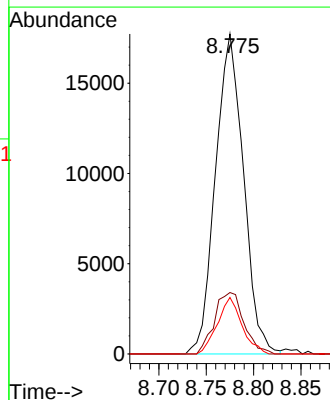
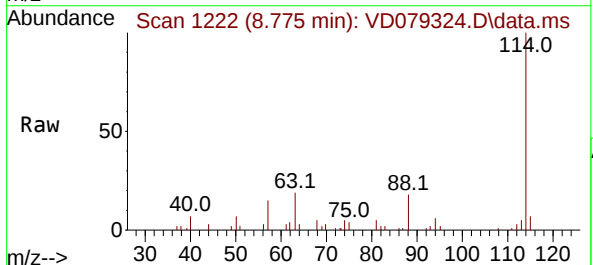
Instrument :
 MSVOA_D
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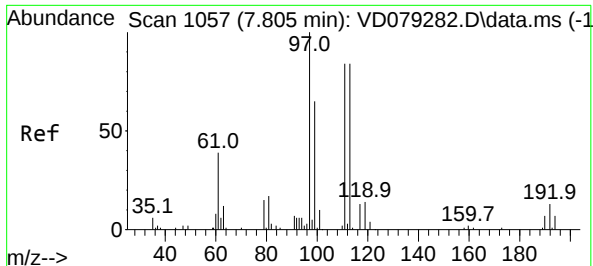
Tgt Ion: 65 Resp: 24354
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079324.D
 Acq: 02 Jul 2024 17:37

Tgt Ion: 114 Resp: 36557
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 34.0
 88 17.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 85.415 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079324.D

Acq: 02 Jul 2024 17:37

Instrument :

MSVOA_D

ClientSampleId :

OK-01-070224

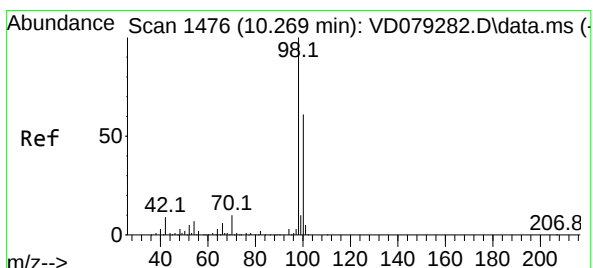
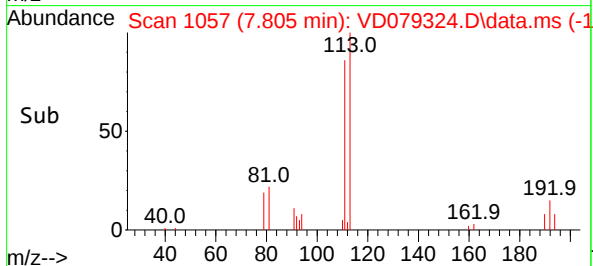
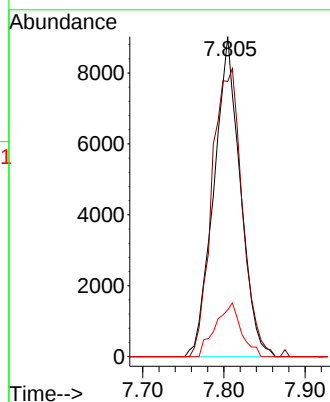
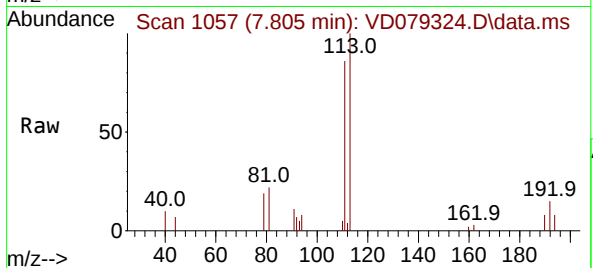
Tgt Ion:113 Resp: 20496

Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

192 16.3 15.4 23.0



#50

Toluene-d8

Concen: 46.055 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD079324.D

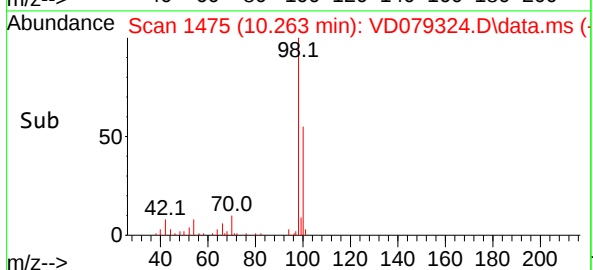
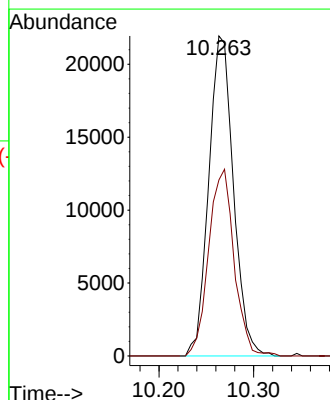
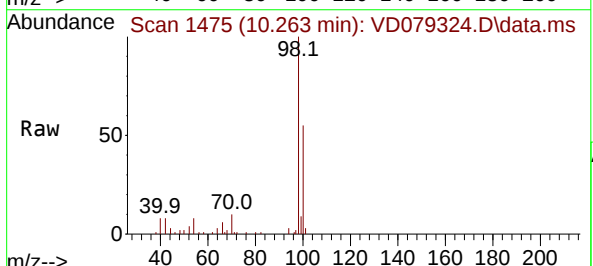
Acq: 02 Jul 2024 17:37

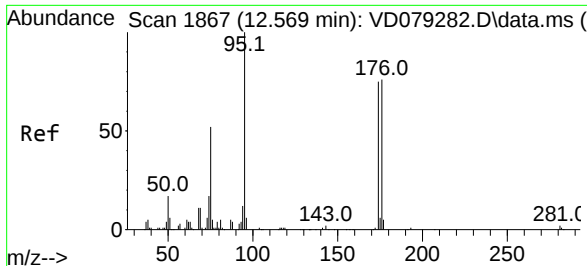
Tgt Ion: 98 Resp: 39757

Ion Ratio Lower Upper

98 100

100 60.2 51.6 77.4

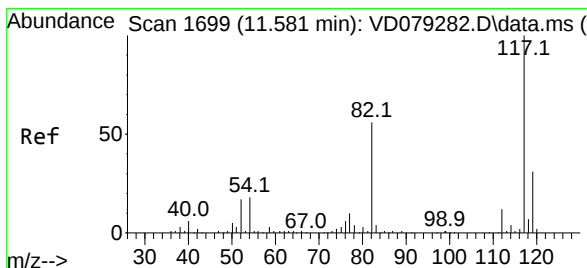
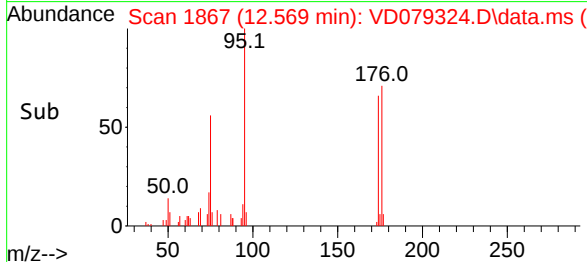
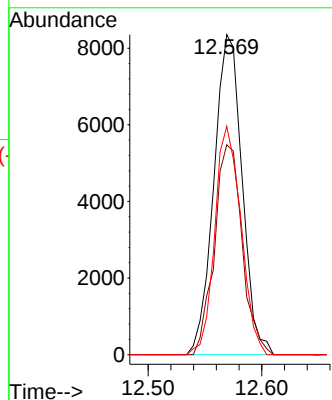
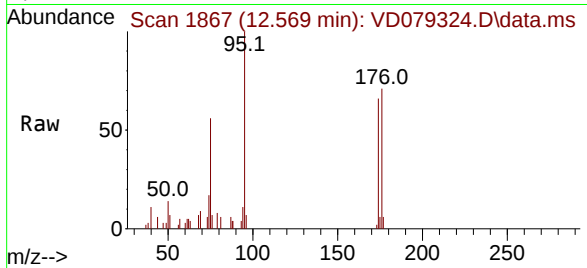




#62
4-Bromofluorobenzene
Concen: 52.071 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079324.D
Acq: 02 Jul 2024 17:37

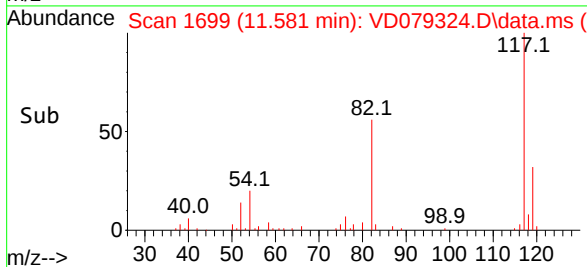
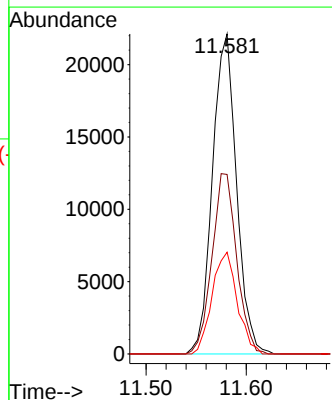
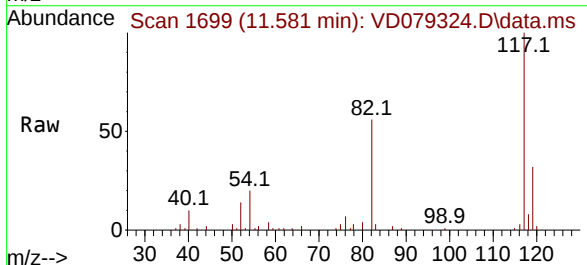
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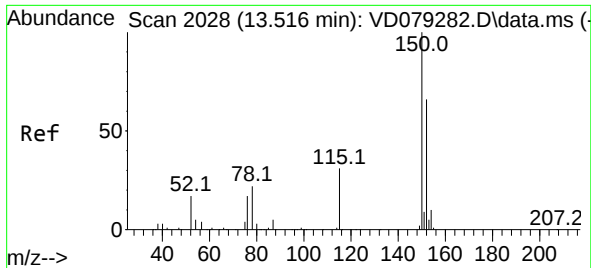
Tgt Ion:	95	Resp:	14414
Ion	Ratio	Lower	Upper
95	100		
174	64.5	0.0	195.4
176	66.4	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079324.D
Acq: 02 Jul 2024 17:37

Tgt Ion:	117	Resp:	36890
Ion	Ratio	Lower	Upper
117	100		
82	56.1	39.8	59.6
119	31.8	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: VD079324.D

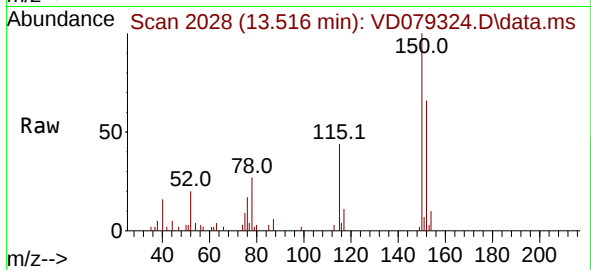
Acq: 02 Jul 2024 17:37

Instrument :

MSVOA_D

ClientSampleId :

OK-01-070224



Tgt Ion:152 Resp: 11323

Ion Ratio Lower Upper

152 100

115 63.3 26.5 79.5

150 160.5 0.0 341.6

