

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070324\
 Data File : VD079333.D
 Acq On : 03 Jul 2024 14:10
 Operator : RP/MD
 Sample : P3149-01RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-070224RE

Quant Time: Jul 04 06:23:19 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)

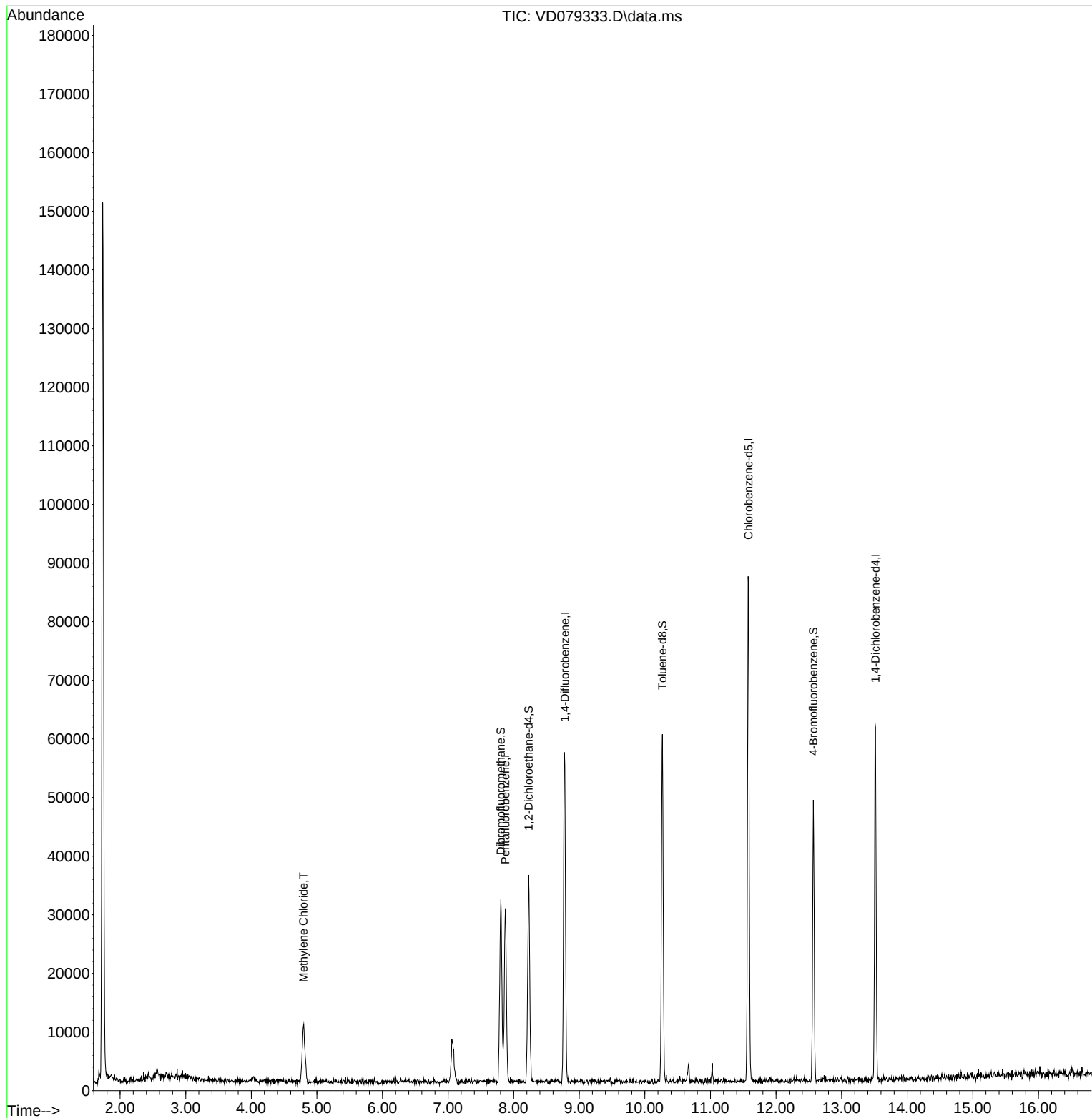
Internal Standards						
1) Pentafluorobenzene	7.875	168	21890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	50036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	51245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	16880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25936	127.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 255.000%#	
35) Dibromofluoromethane	7.804	113	23169	70.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.080%	
50) Toluene-d8	10.269	98	43989	37.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 74.460%	
62) 4-Bromofluorobenzene	12.569	95	16427	43.356	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.720%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	8205	19.570	ug/l #	90

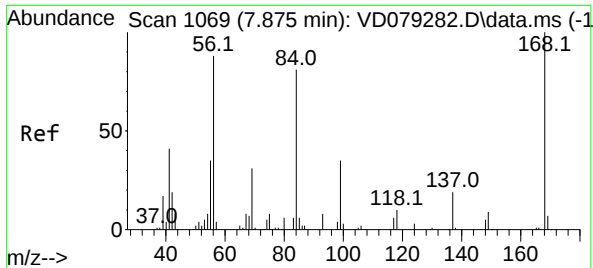
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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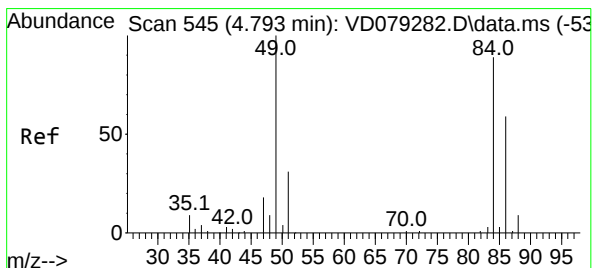
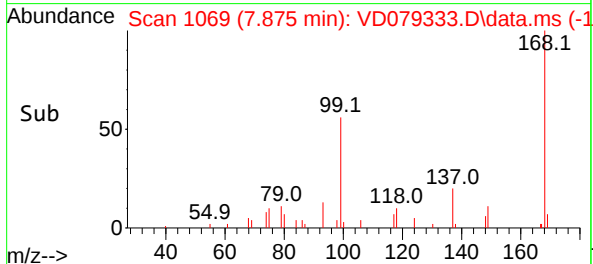
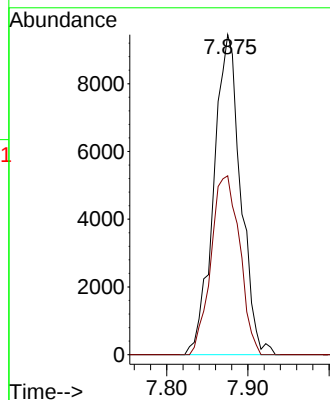
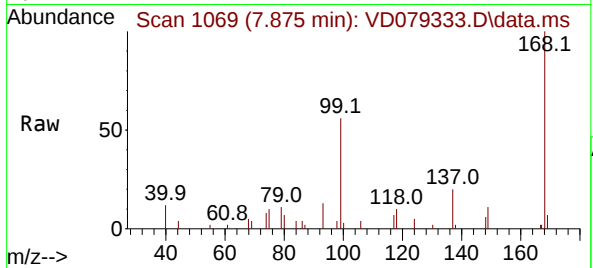




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

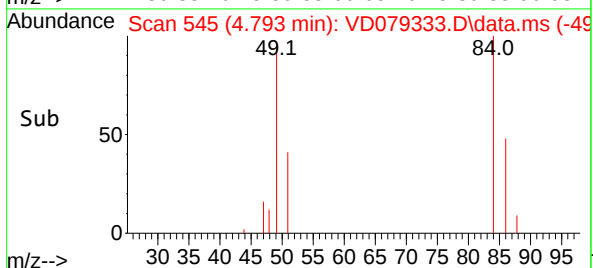
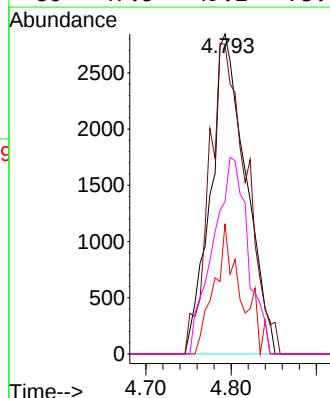
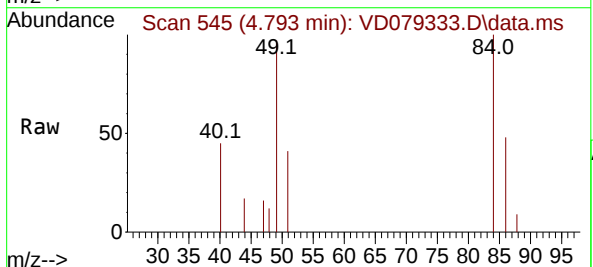
Instrument :
MSVOA_D
ClientSampleId :
OK-01-070224RE

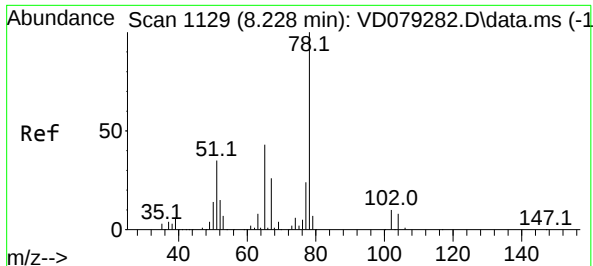
Tgt Ion:168 Resp: 21890
Ion Ratio Lower Upper
168 100
99 55.9 41.1 61.7



#20
Methylene Chloride
Concen: 19.570 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

Tgt Ion: 84 Resp: 8205
Ion Ratio Lower Upper
84 100
49 96.7 75.6 113.4
51 40.7 24.2 36.2#
86 47.5 49.2 73.8#





#33

1,2-Dichloroethane-d4

Concen: 127.504 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079333.D

Acq: 03 Jul 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

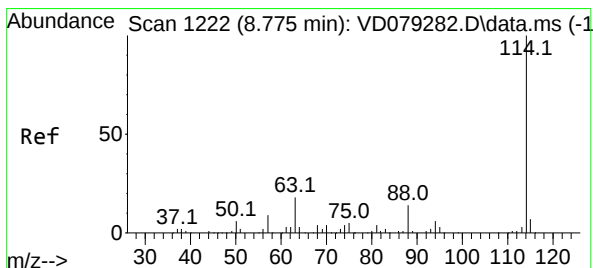
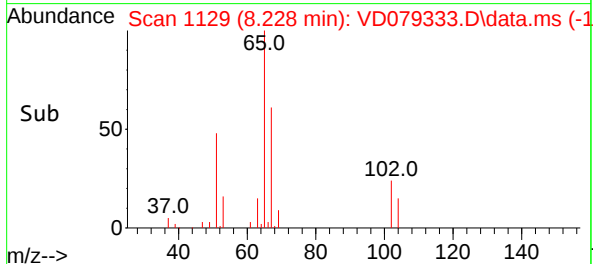
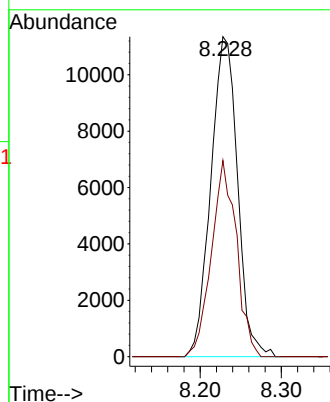
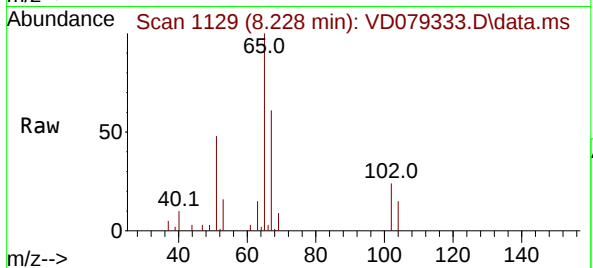
OK-01-070224RE

Tgt Ion: 65 Resp: 25936

Ion Ratio Lower Upper

65 100

67 57.3 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079333.D

Acq: 03 Jul 2024 14:10

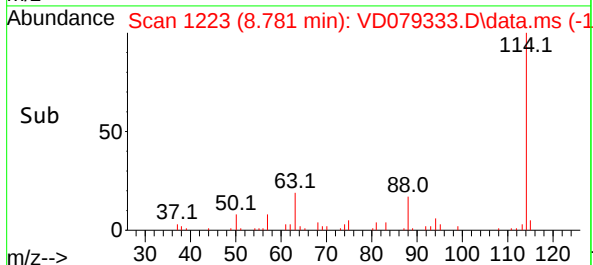
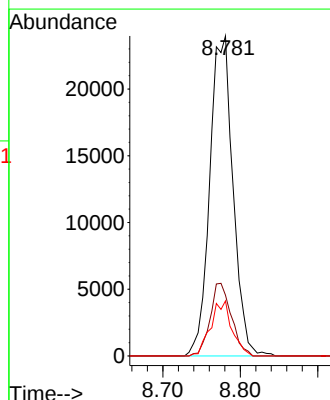
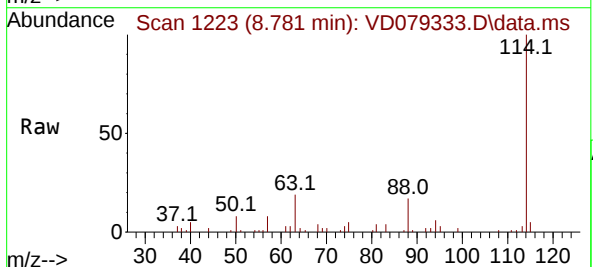
Tgt Ion: 114 Resp: 50036

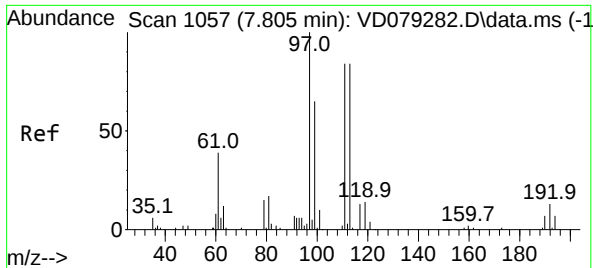
Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.0

88 17.2 0.0 27.2

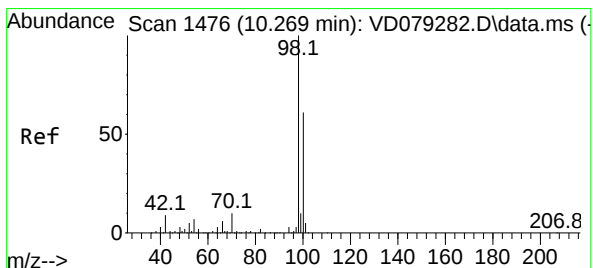
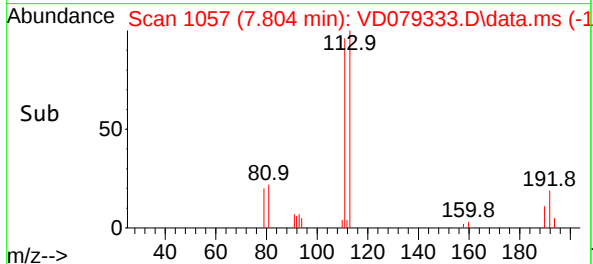
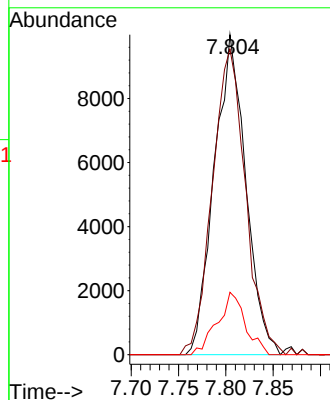
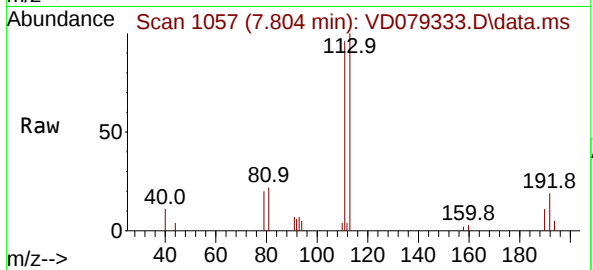




#35
Dibromofluoromethane
Concen: 70.544 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

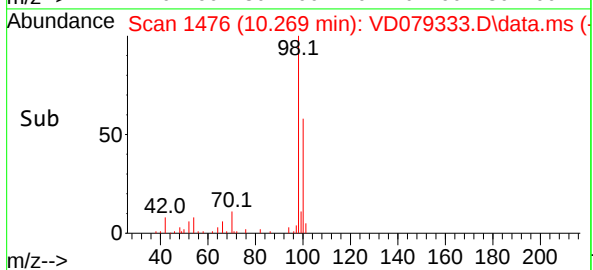
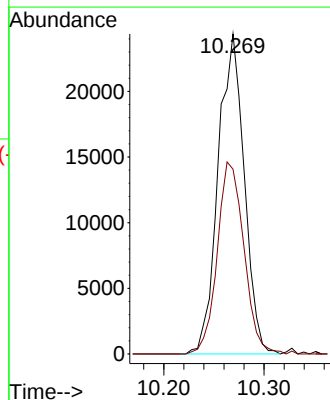
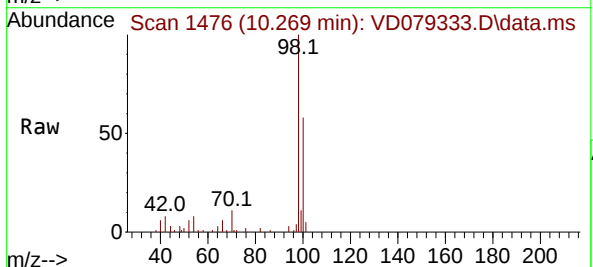
Instrument :
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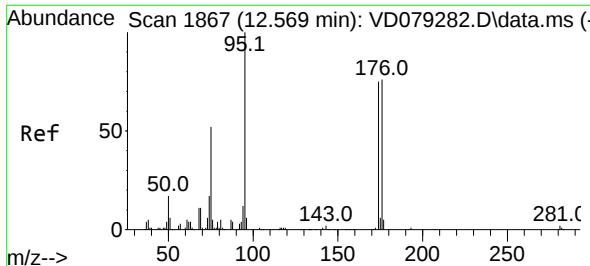
Tgt Ion:	113	Resp:	23169
Ion	Ratio	Lower	Upper
113	100		
111	100.1	84.0	126.0
192	17.3	15.4	23.0



#50
Toluene-d8
Concen: 37.230 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

Tgt Ion:	98	Resp:	43989
Ion	Ratio	Lower	Upper
98	100		
100	61.5	51.6	77.4

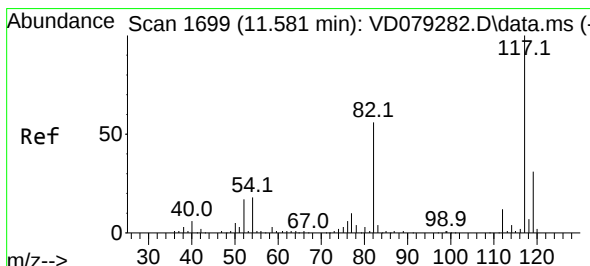
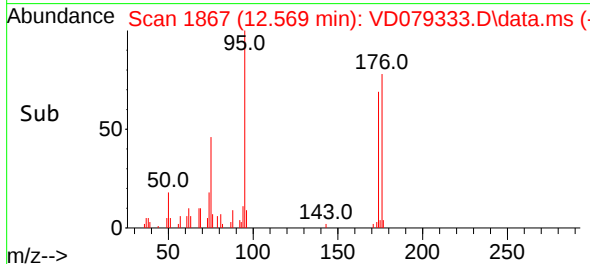
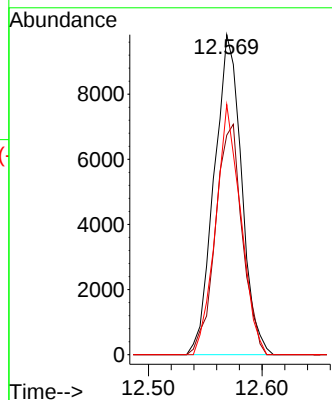
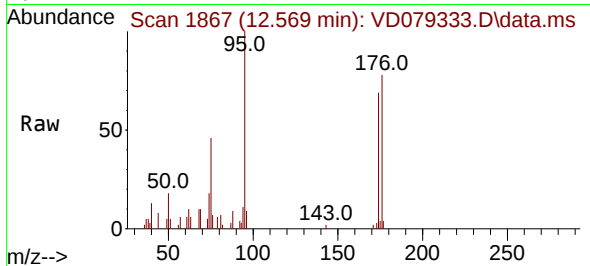




#62
4-Bromofluorobenzene
Concen: 43.356 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

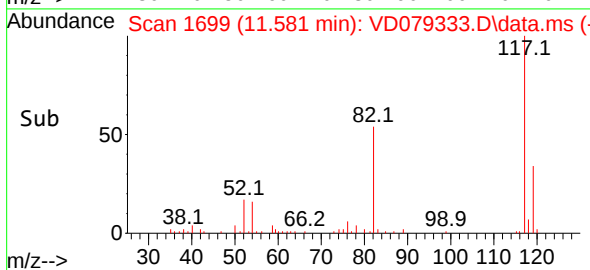
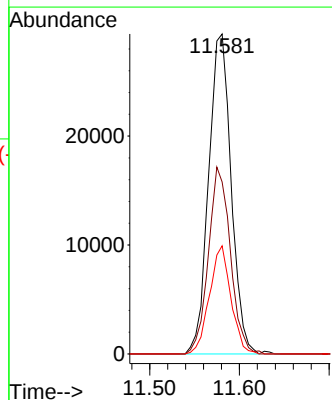
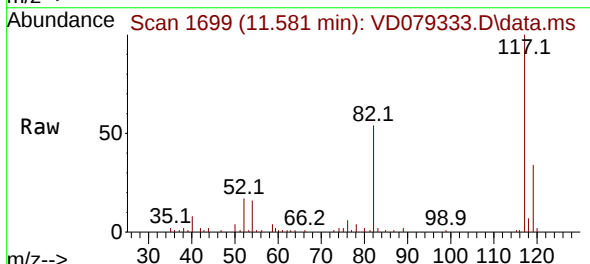
Instrument :
MSVOA_D
ClientSampleId :
OK-01-070224RE

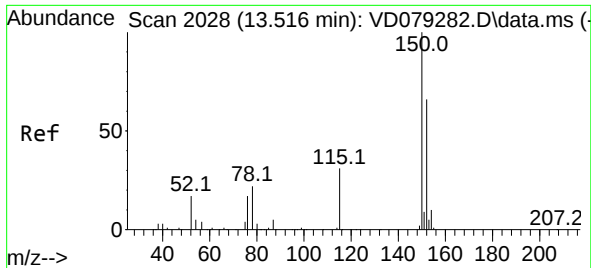
Tgt Ion:	95	Resp:	16427
Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	195.4
176	72.0	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079333.D
Acq: 03 Jul 2024 14:10

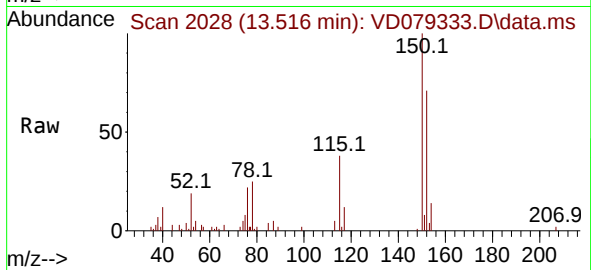
Tgt Ion:	117	Resp:	51245
Ion	Ratio	Lower	Upper
117	100		
82	53.8	39.8	59.6
119	33.8	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079333.D
 Acq: 03 Jul 2024 14:10

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-070224RE



Tgt Ion:	152	Resp:	16880
Ion Ratio	Lower	Upper	
152	100		
115	60.3	26.5	79.5
150	150.3	0.0	341.6

