

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079292.D
 Acq On : 01 Jul 2024 13:28
 Operator : RP/MD
 Sample : P3127-07
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-770-772

Quant Time: Jul 01 15:36:40 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)

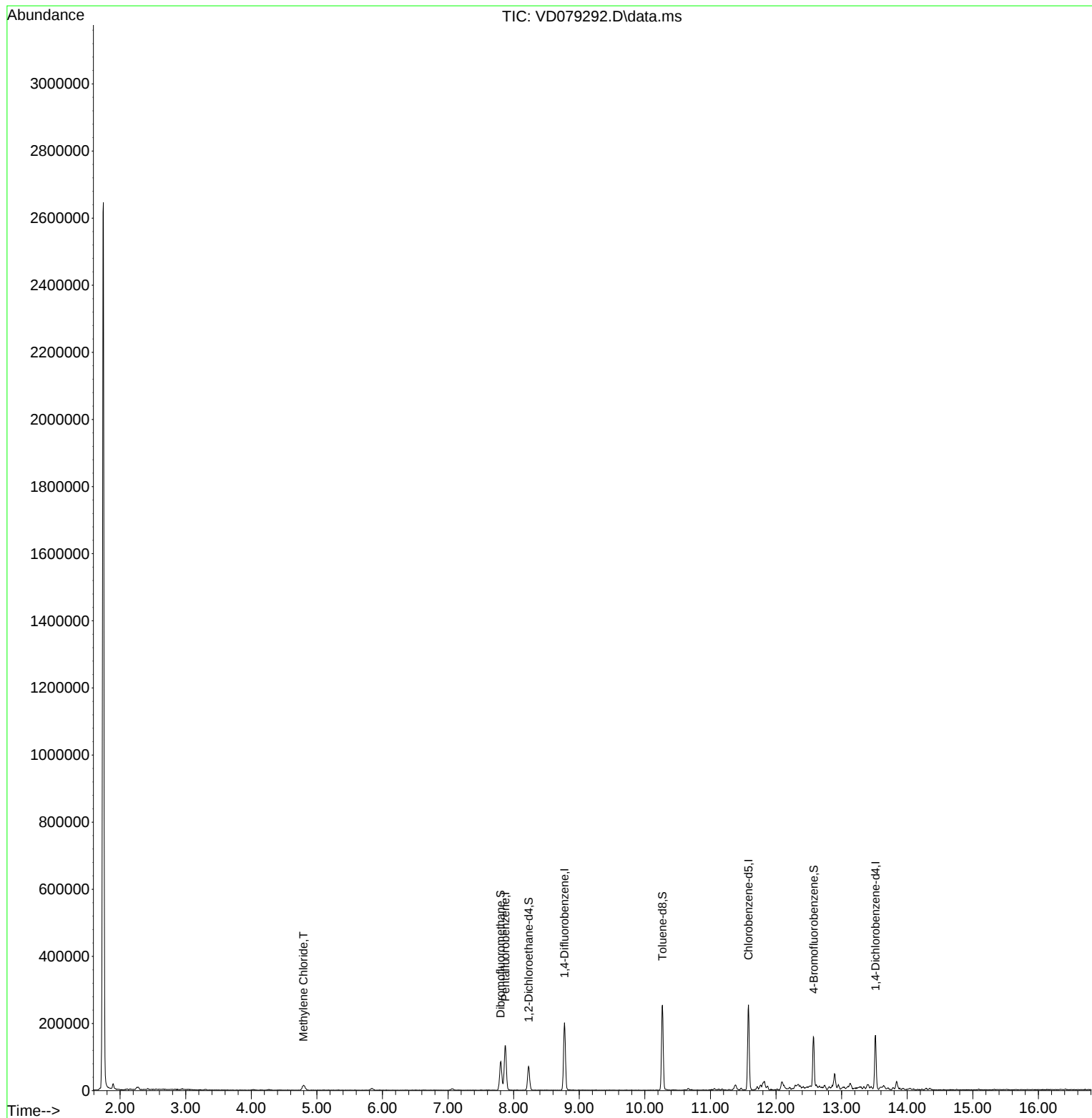
Internal Standards						
1) Pentafluorobenzene	7.875	168	95170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	176825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	149580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	41140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	54253	59.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.060%
35) Dibromofluoromethane	7.798	113	63051	54.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.640%
50) Toluene-d8	10.269	98	185673	44.467	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.940%
62) 4-Bromofluorobenzene	12.575	95	51892	38.756	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.520%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.793	84	11739	2.258	ug/l	91

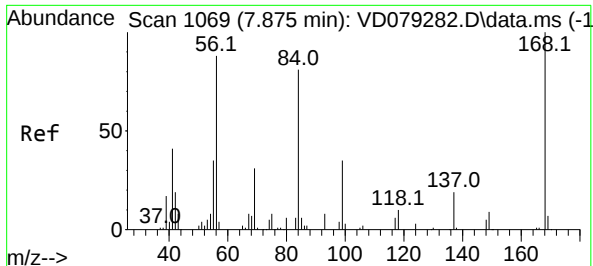
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
Data File : VD079292.D
Acq On : 01 Jul 2024 13:28
Operator : RP/MD
Sample : P3127-07
Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-770-772

Quant Time: Jul 01 15:36:40 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

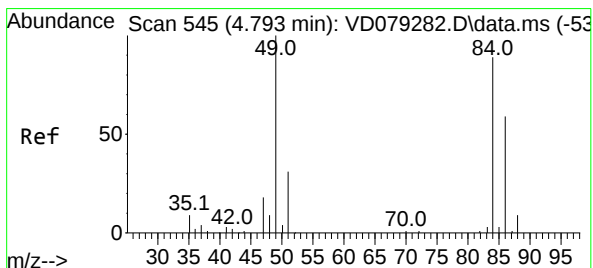
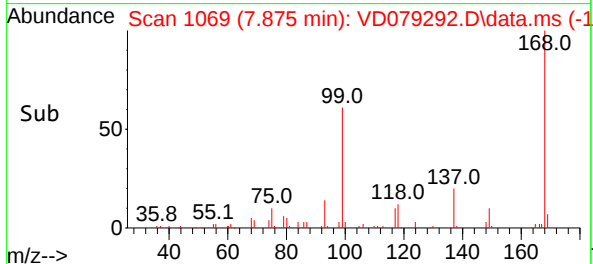
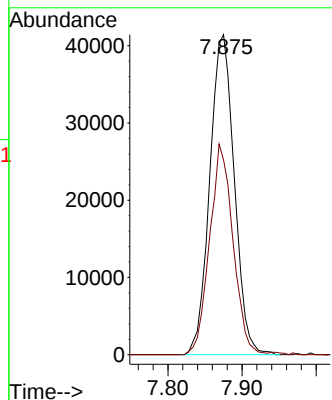
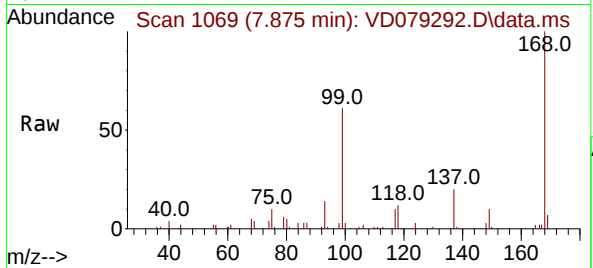




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

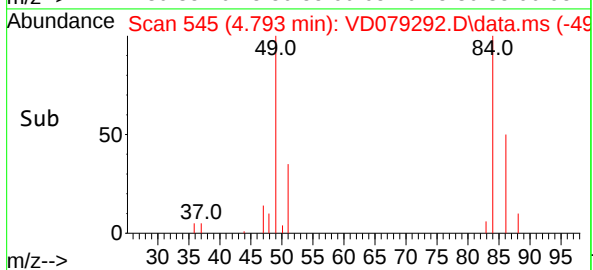
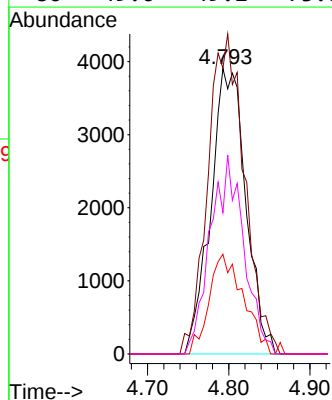
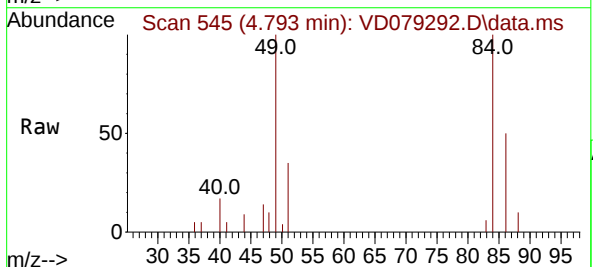
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-770-772

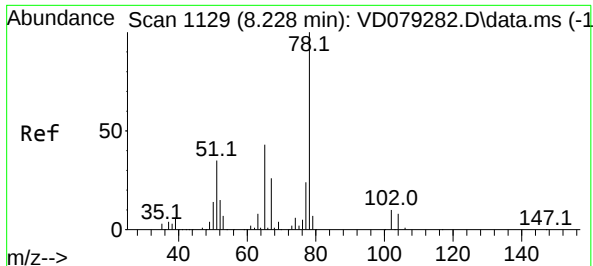
Tgt Ion:168 Resp: 95170
Ion Ratio Lower Upper
168 100
99 60.9 41.1 61.7



#20
Methylene Chloride
Concen: 2.258 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

Tgt Ion: 84 Resp: 11739
Ion Ratio Lower Upper
84 100
49 100.1 75.6 113.4
51 34.9 24.2 36.2
86 49.6 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 59.033 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079292.D

Acq: 01 Jul 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

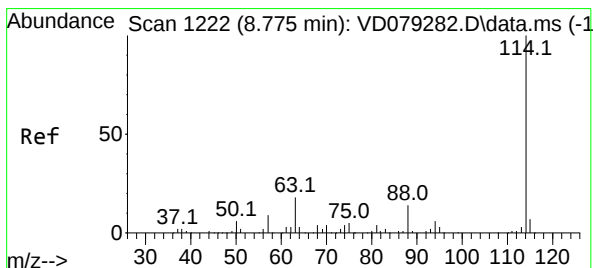
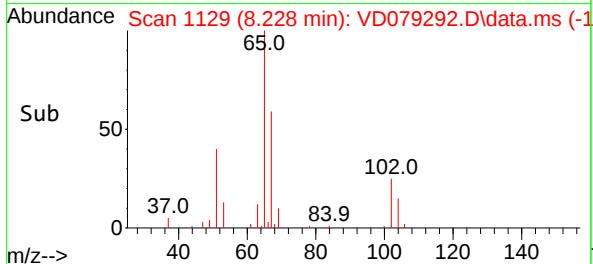
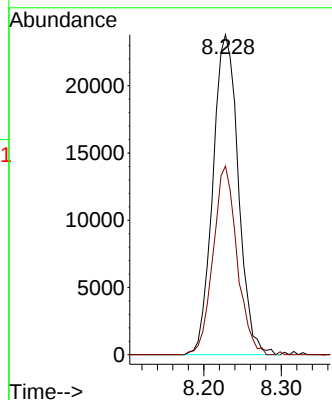
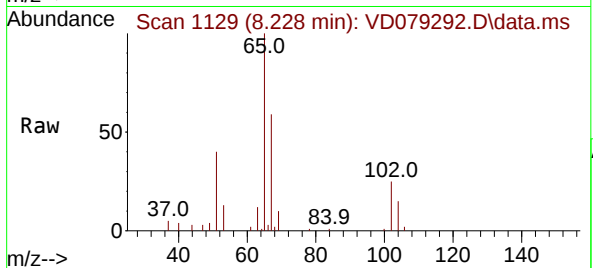
BP-VPB-196-GW-770-772

Tgt Ion: 65 Resp: 54253

Ion Ratio Lower Upper

65 100

67 55.6 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: VD079292.D

Acq: 01 Jul 2024 13:28

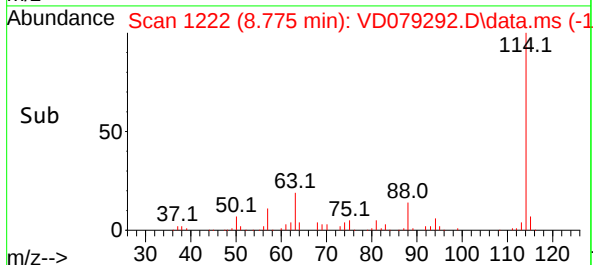
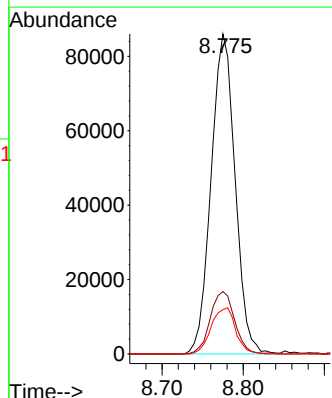
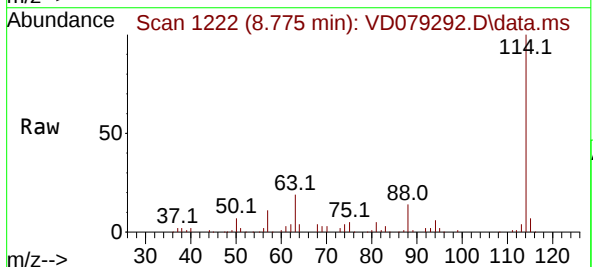
Tgt Ion: 114 Resp: 176825

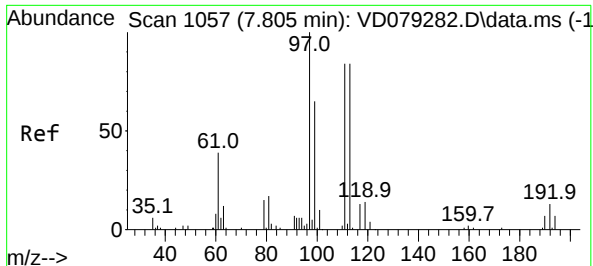
Ion Ratio Lower Upper

114 100

63 19.5 0.0 34.0

88 13.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 54.323 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079292.D

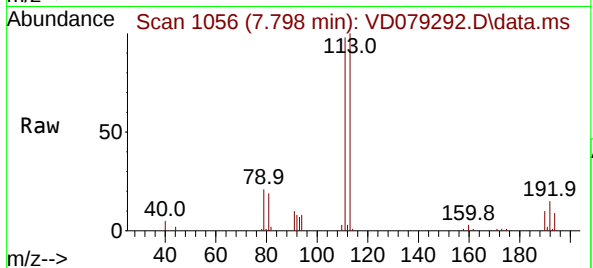
Acq: 01 Jul 2024 13:28

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-196-GW-770-772



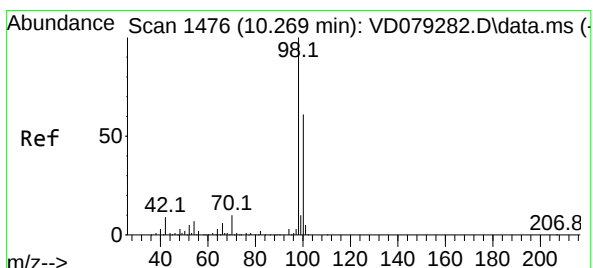
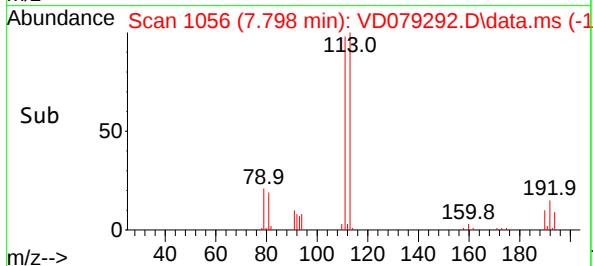
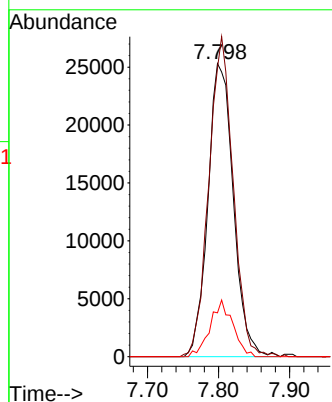
Tgt Ion:113 Resp: 63051

Ion Ratio Lower Upper

113 100

111 104.2 84.0 126.0

192 17.2 15.4 23.0



#50

Toluene-d8

Concen: 44.467 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079292.D

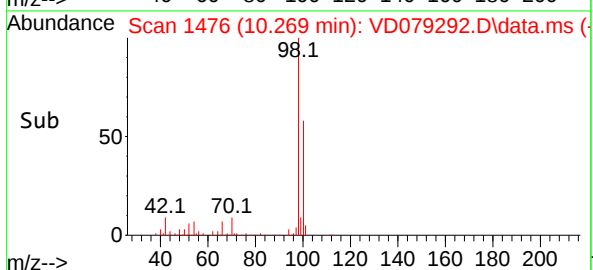
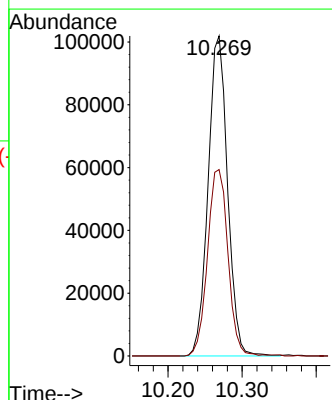
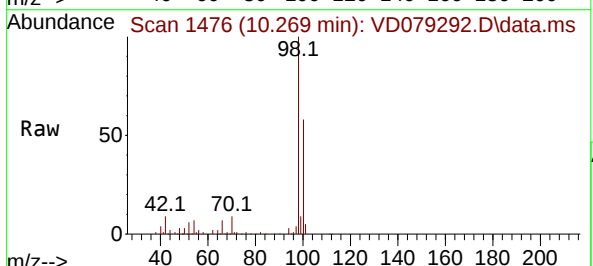
Acq: 01 Jul 2024 13:28

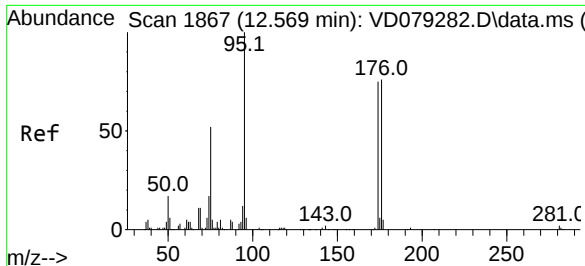
Tgt Ion: 98 Resp: 185673

Ion Ratio Lower Upper

98 100

100 61.2 51.6 77.4

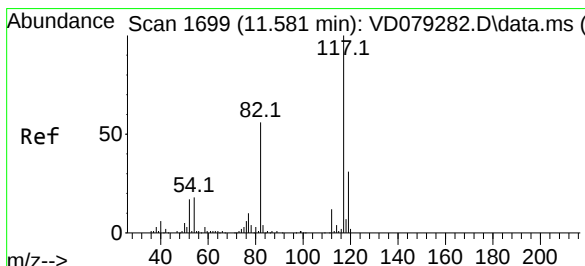
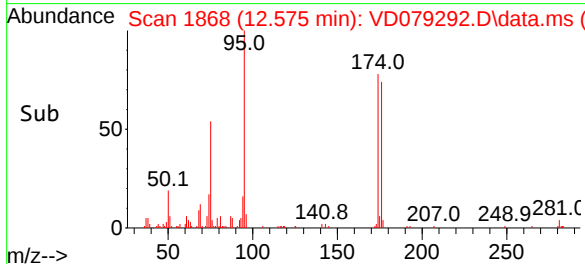
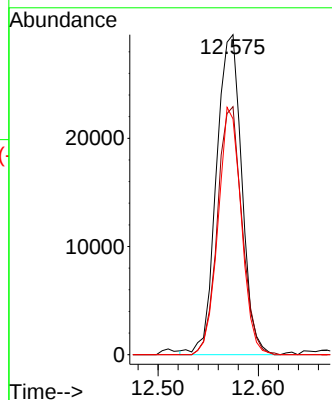
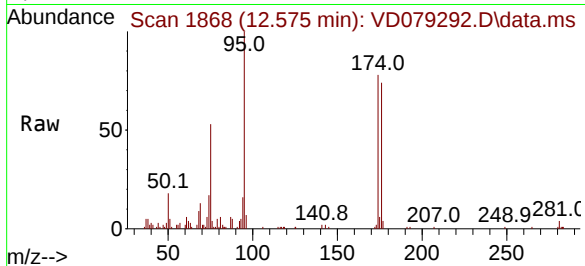




#62
4-Bromofluorobenzene
Concen: 38.756 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

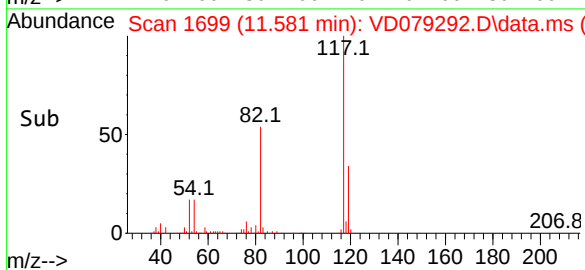
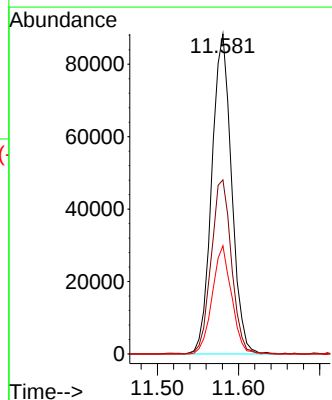
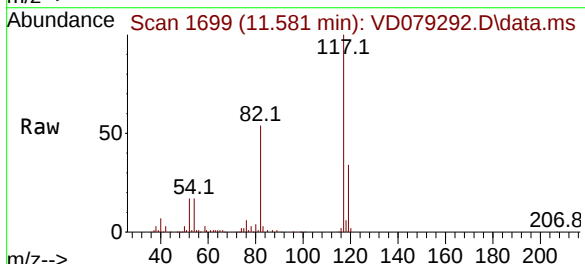
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-770-772

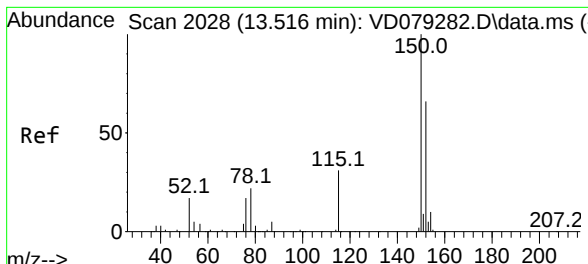
Tgt Ion:	95	Resp:	51892
Ion Ratio	Lower	Upper	
95	100		
174	75.1	0.0	195.4
176	70.8	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079292.D
Acq: 01 Jul 2024 13:28

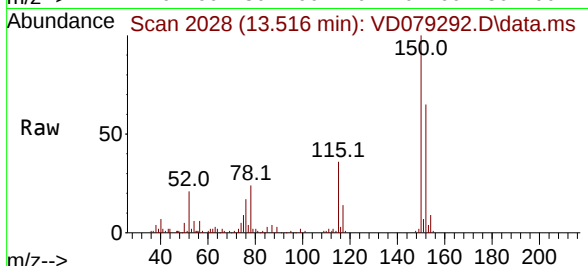
Tgt Ion:	117	Resp:	149580
Ion Ratio	Lower	Upper	
117	100		
82	54.4	39.8	59.6
119	33.8	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079292.D
 Acq: 01 Jul 2024 13:28

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-770-772



Tgt Ion:	152	Resp:	41140
Ion Ratio	Lower	Upper	
152	100		
115	58.6	26.5	79.5
150	156.6	0.0	341.6

