

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079518.D
 Acq On : 01 Aug 2024 03:09
 Operator : RP/MD
 Sample : P3374-16
 Misc : 6.94G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-847-G1-SO-14.5-15-072024

Quant Time: Aug 01 04:48:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

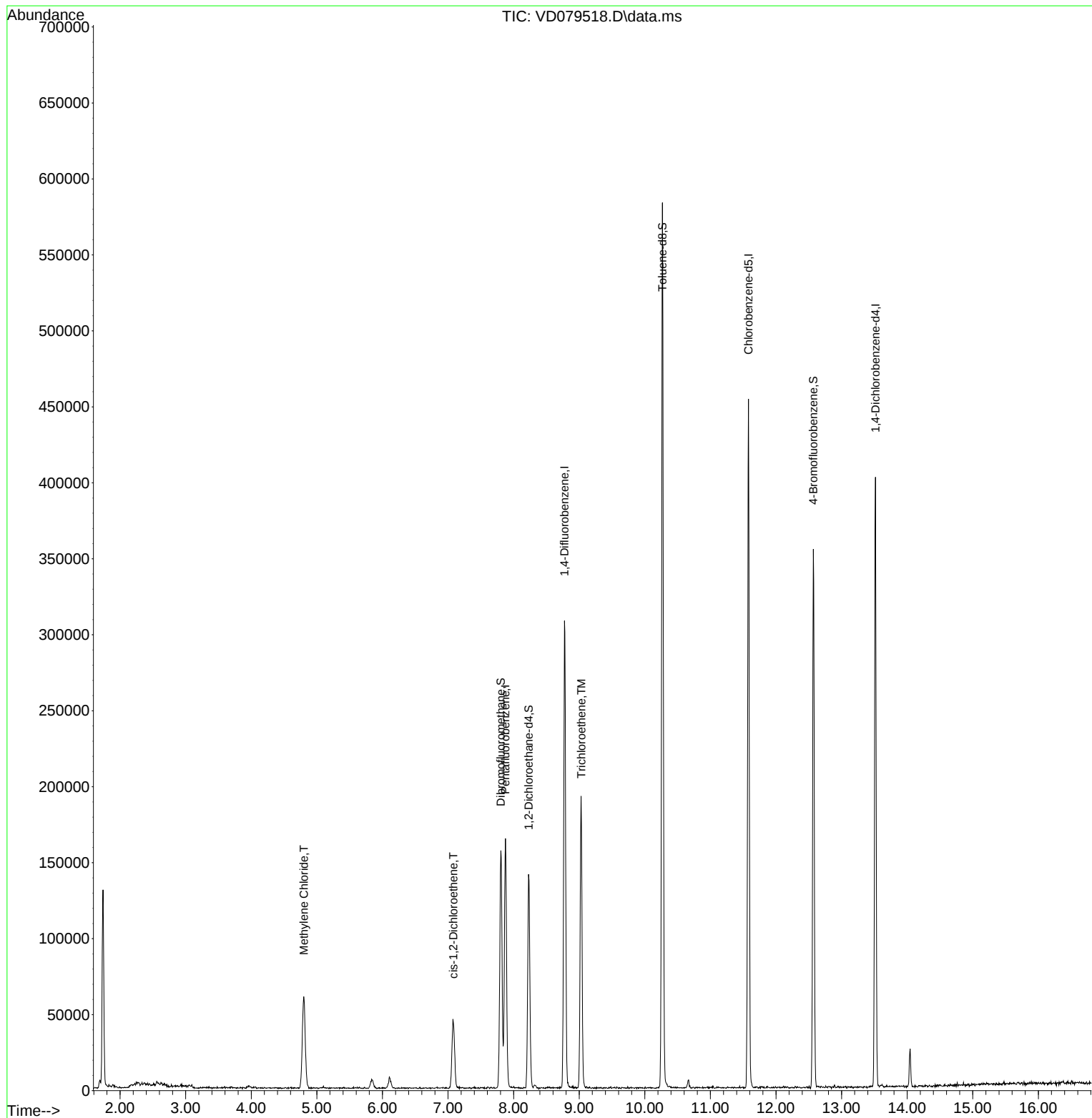
Internal Standards						
1) Pentafluorobenzene	7.875	168	131626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	284944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	108415	81.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.160%	
35) Dibromofluoromethane	7.805	113	115137	59.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.400%	
50) Toluene-d8	10.269	98	411103	54.890	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.780%	
62) 4-Bromofluorobenzene	12.569	95	105411	48.636	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.280%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.805	84	49372	15.791	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	30563	16.736	ug/l	97
44) Trichloroethene	9.034	130	72997	35.073	ug/l	90

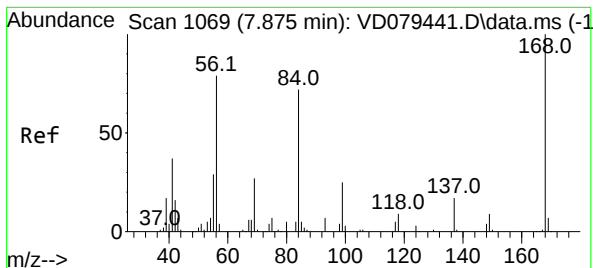
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
Data File : VD079518.D
Acq On : 01 Aug 2024 03:09
Operator : RP/MD
Sample : P3374-16
Misc : 6.94G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-847-G1-SO-14.5-15-072024

Quant Time: Aug 01 04:48:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079518.D

Acq: 01 Aug 2024 03:09

Instrument :

MSVOA_D

ClientSampleId :

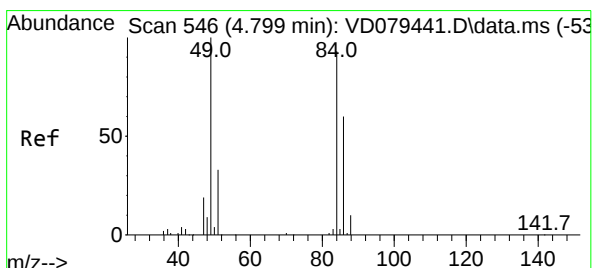
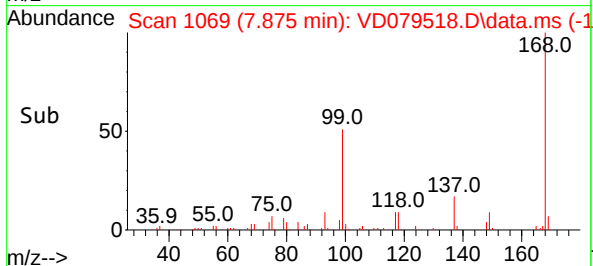
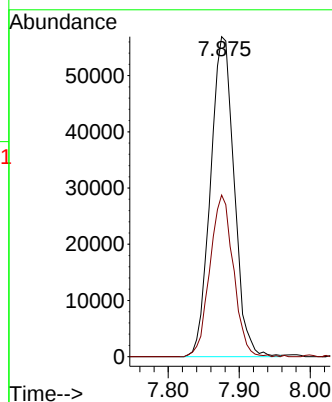
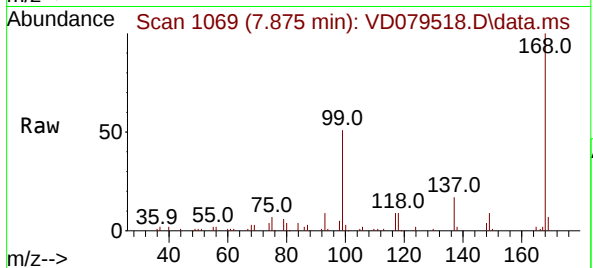
S-847-G1-SO-14.5-15-072024

Tgt Ion:168 Resp: 131626

Ion Ratio Lower Upper

168 100

99 50.5 41.1 61.7



#20

Methylene Chloride

Concen: 15.791 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD079518.D

Acq: 01 Aug 2024 03:09

Tgt Ion: 84 Resp: 49372

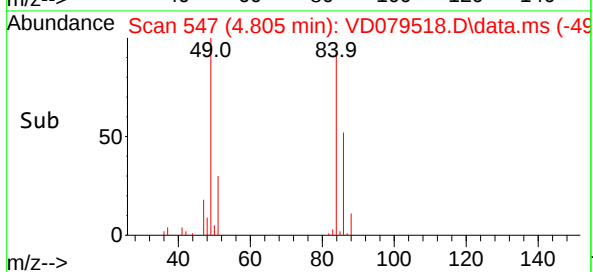
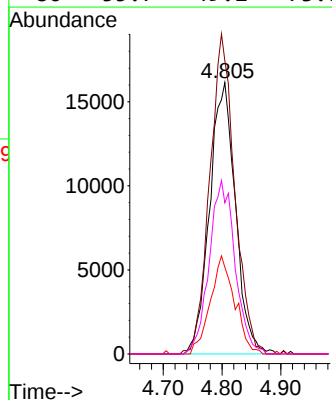
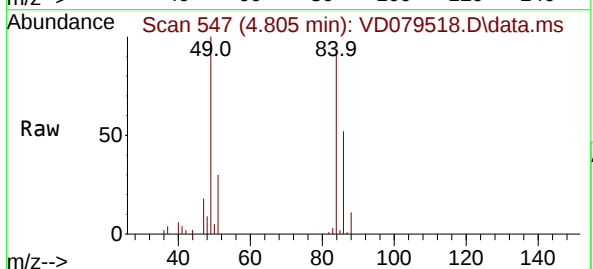
Ion Ratio Lower Upper

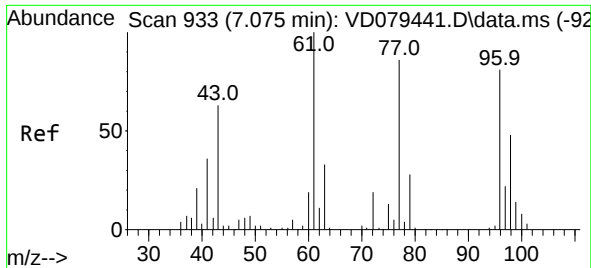
84 100

49 108.1 75.6 113.4

51 32.0 24.2 36.2

86 55.7 49.2 73.8

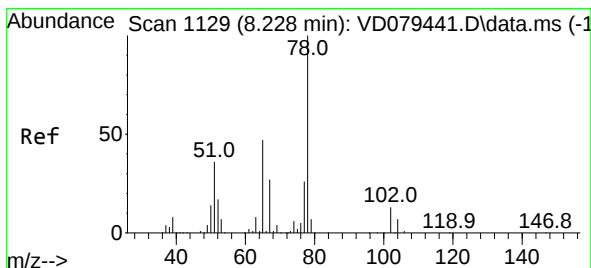
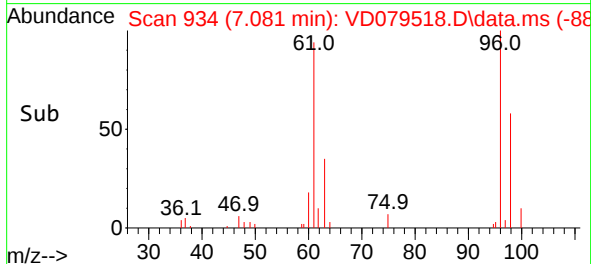
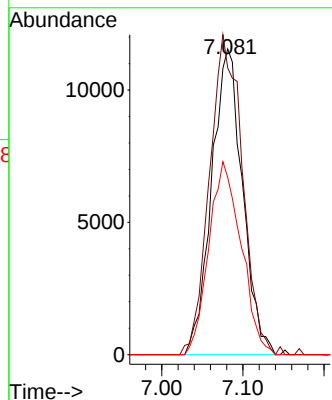
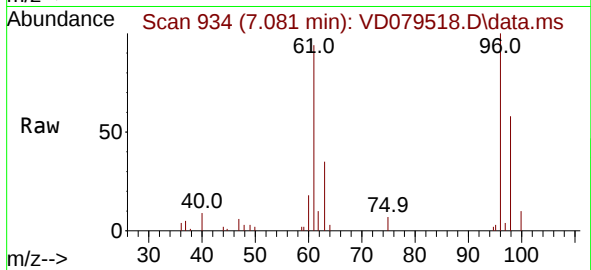




#27
 cis-1,2-Dichloroethene
 Concen: 16.736 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD079518.D
 Acq: 01 Aug 2024 03:09

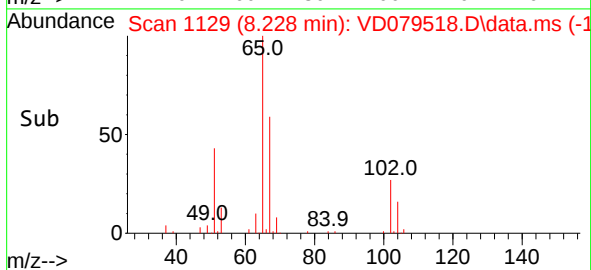
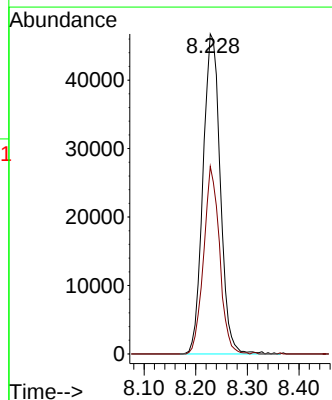
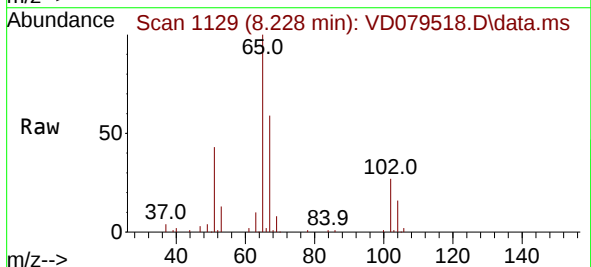
Instrument :
 MSVOA_D
 ClientSampleId :
 S-847-G1-SO-14.5-15-072024

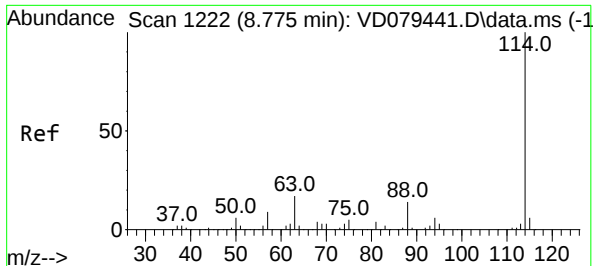
Tgt Ion: 96 Resp: 30563
 Ion Ratio Lower Upper
 96 100
 61 110.9 0.0 229.0
 98 66.0 0.0 127.2



#33
 1,2-Dichloroethane-d4
 Concen: 81.076 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD079518.D
 Acq: 01 Aug 2024 03:09

Tgt Ion: 65 Resp: 108415
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079518.D

Acq: 01 Aug 2024 03:09

Instrument :

MSVOA_D

ClientSampleId :

S-847-G1-SO-14.5-15-072024

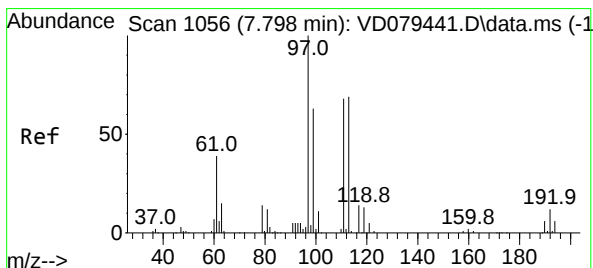
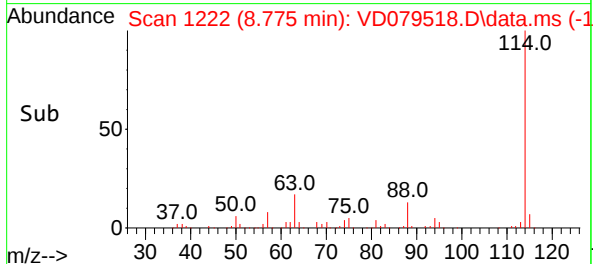
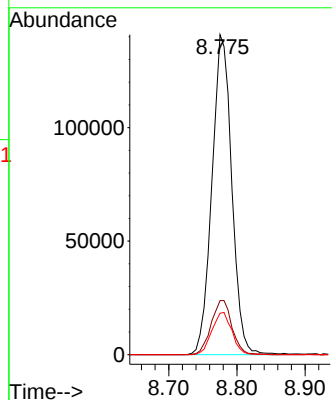
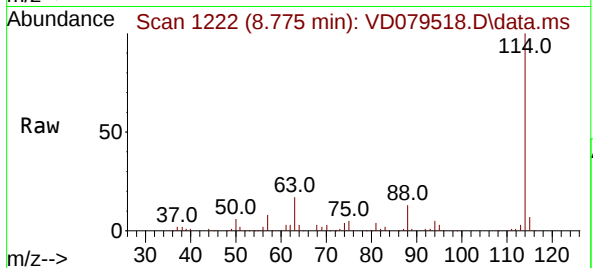
Tgt Ion:114 Resp: 284944

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.0

88 13.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 59.699 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079518.D

Acq: 01 Aug 2024 03:09

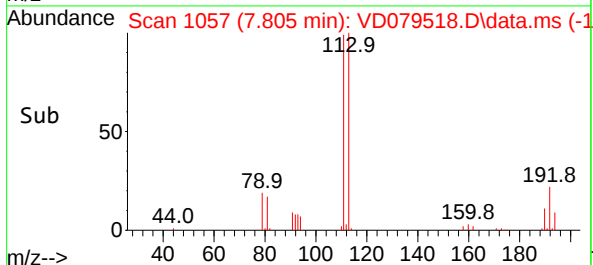
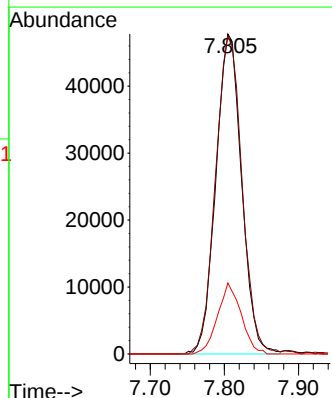
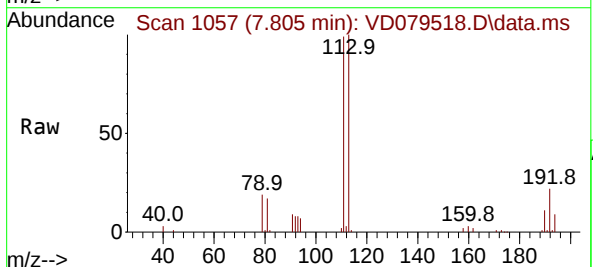
Tgt Ion:113 Resp: 115137

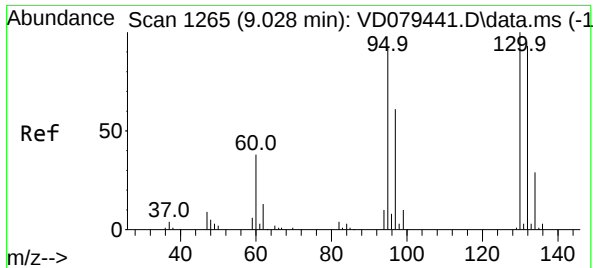
Ion Ratio Lower Upper

113 100

111 102.6 84.0 126.0

192 20.3 15.4 23.0

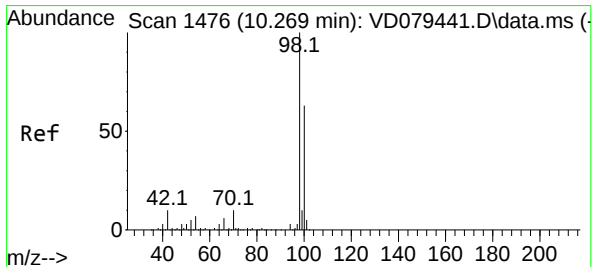
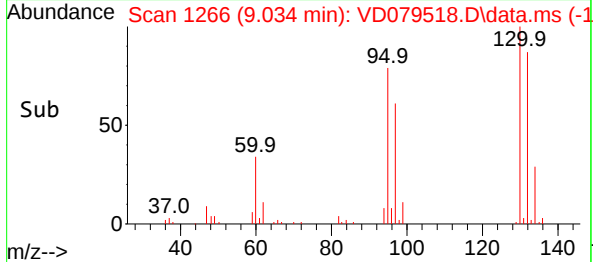
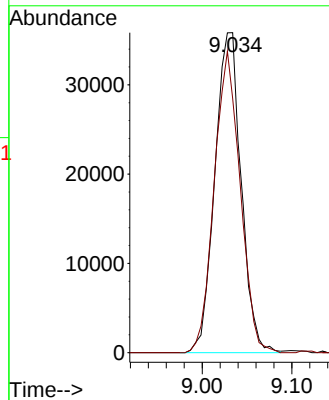
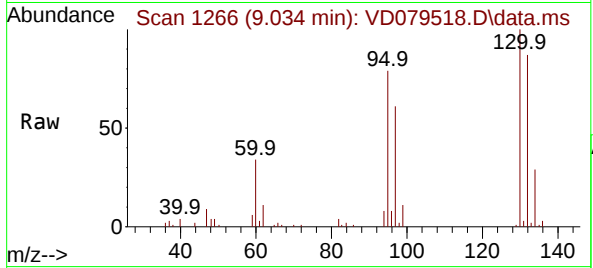




#44
Trichloroethene
Concen: 35.073 ug/l
RT: 9.034 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079518.D
Acq: 01 Aug 2024 03:09

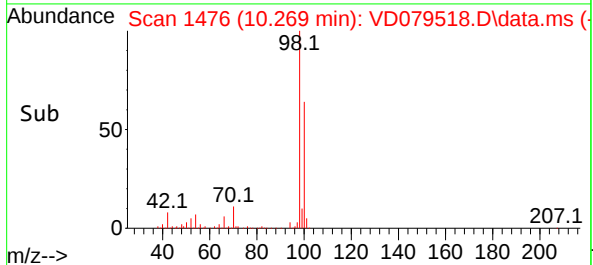
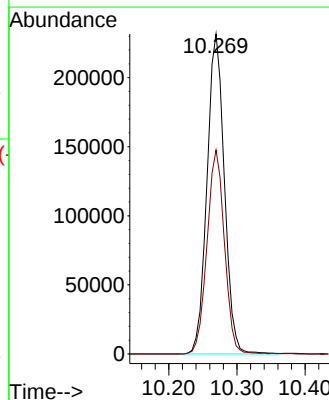
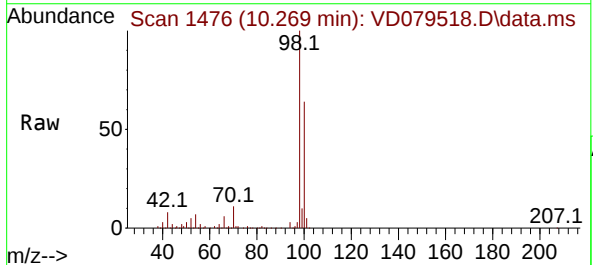
Instrument :
MSVOA_D
ClientSampleId :
S-847-G1-SO-14.5-15-072024

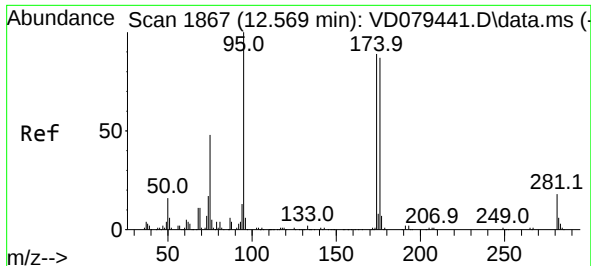
Tgt Ion:130 Resp: 72997
Ion Ratio Lower Upper
130 100
95 79.4 0.0 177.8



#50
Toluene-d8
Concen: 54.890 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079518.D
Acq: 01 Aug 2024 03:09

Tgt Ion: 98 Resp: 411103
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4

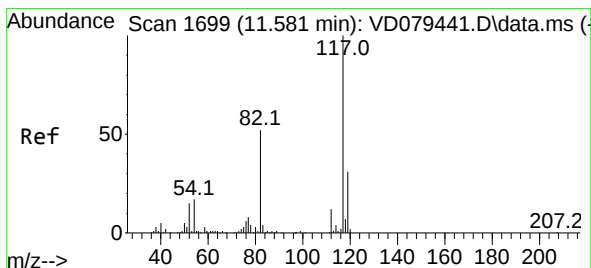
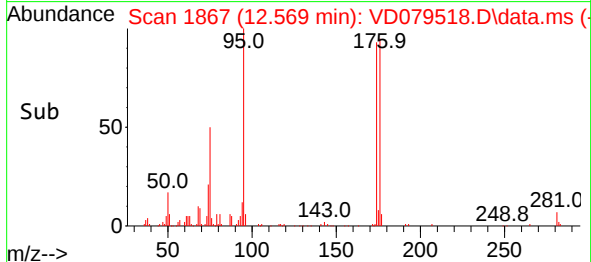
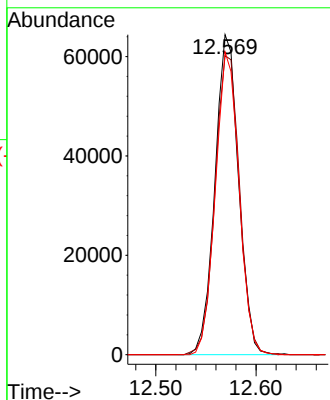
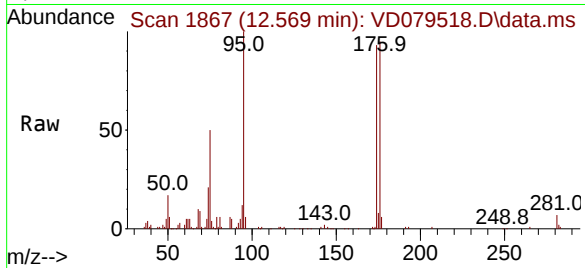




#62
4-Bromofluorobenzene
Concen: 48.636 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079518.D
Acq: 01 Aug 2024 03:09

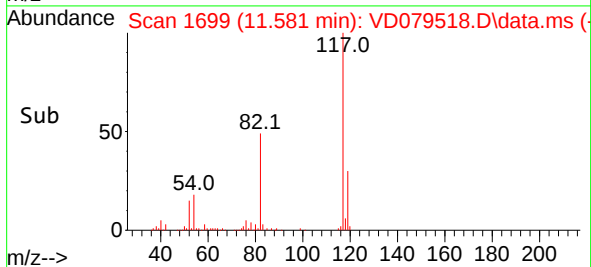
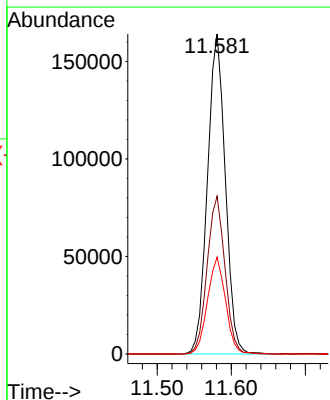
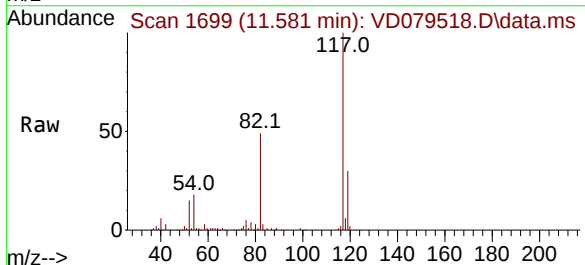
Instrument :
MSVOA_D
ClientSampleId :
S-847-G1-SO-14.5-15-072024

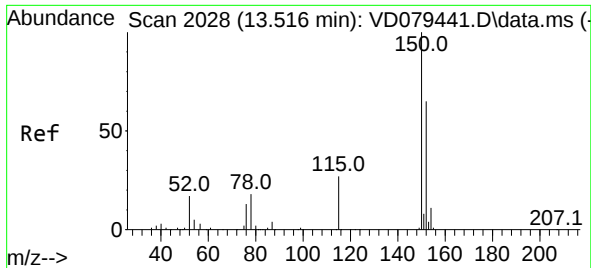
Tgt Ion: 95 Resp: 105411
Ion Ratio Lower Upper
95 100
174 97.1 0.0 195.4
176 94.2 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079518.D
Acq: 01 Aug 2024 03:09

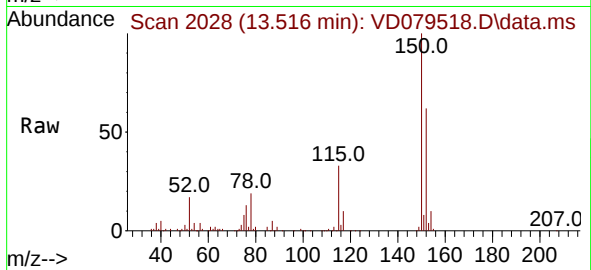
Tgt Ion: 117 Resp: 274141
Ion Ratio Lower Upper
117 100
82 49.3 39.8 59.6
119 30.3 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079518.D
 Acq: 01 Aug 2024 03:09

Instrument :
 MSVOA_D
 ClientSampleId :
 S-847-G1-SO-14.5-15-072024



Tgt Ion:152 Resp: 113608
 Ion Ratio Lower Upper
 152 100
 115 53.5 26.5 79.5
 150 157.2 0.0 341.6

