

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079610.D
 Acq On : 06 Aug 2024 06:28
 Operator : RP/MD
 Sample : P3448-11
 Misc : 4.19G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP6

Quant Time: Aug 06 08:10:33 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)

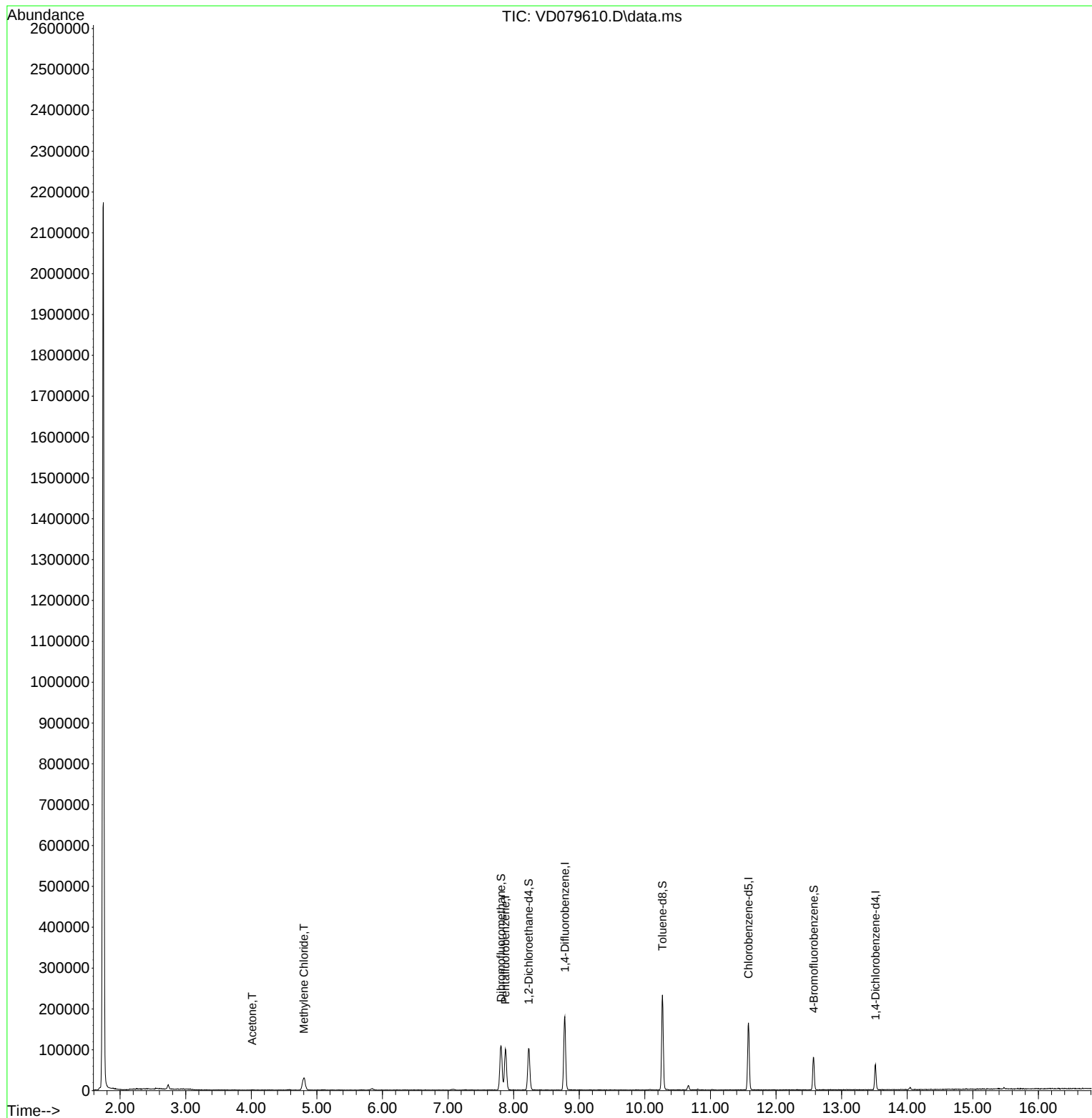
Internal Standards						
1) Pentafluorobenzene	7.875	168	78991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	166659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	102019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	17512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80486	100.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 200.600%#	
35) Dibromofluoromethane	7.810	113	82485	73.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 146.240%	
50) Toluene-d8	10.269	98	165446	37.768	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 75.540%	
62) 4-Bromofluorobenzene	12.575	95	23215	18.314	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 36.620%	
Target Compounds						
16) Acetone	4.016	43	767	4.918	ug/l #	66
20) Methylene Chloride	4.804	84	23920	7.887	ug/l #	86

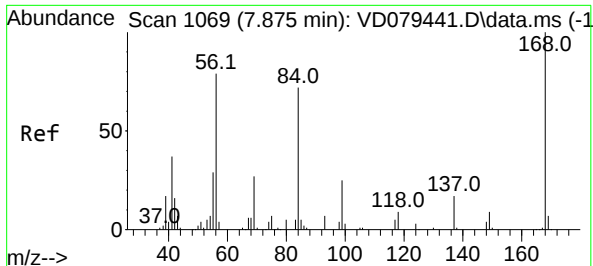
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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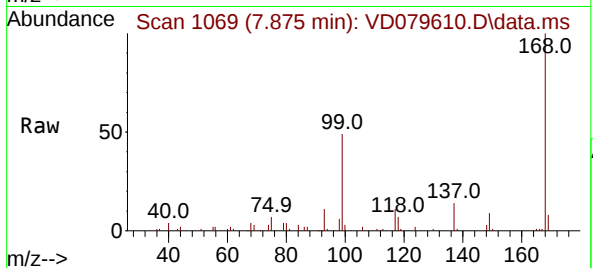
Quant Time: Aug 06 08:10:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



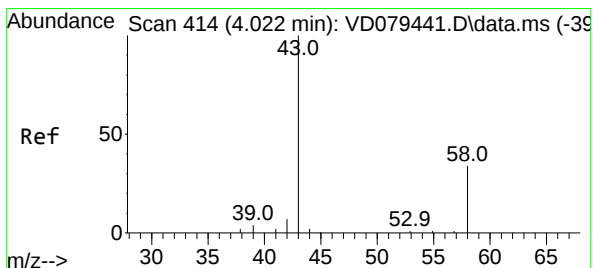
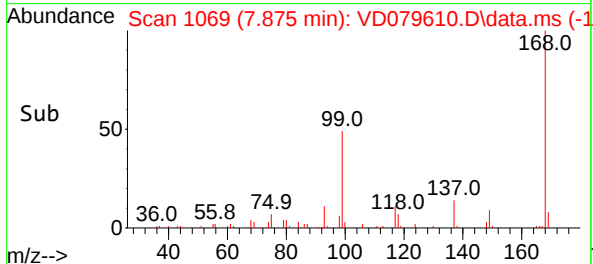
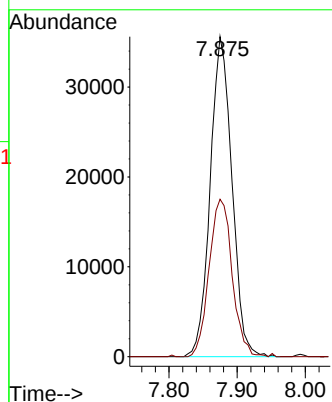


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079610.D
Acq: 06 Aug 2024 06:28

Instrument :
MSVOA_D
ClientSampleId :
TP6

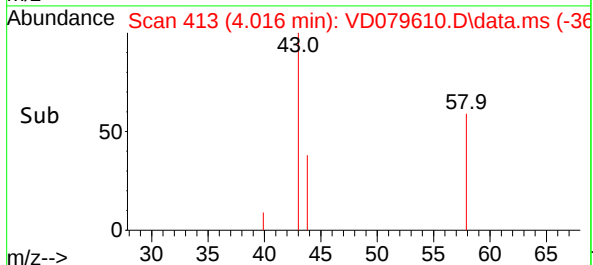
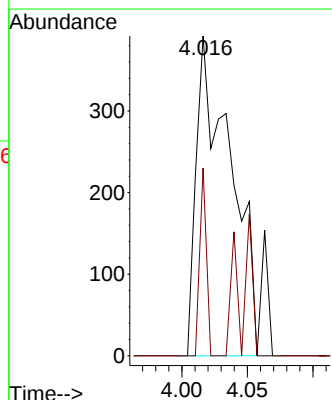
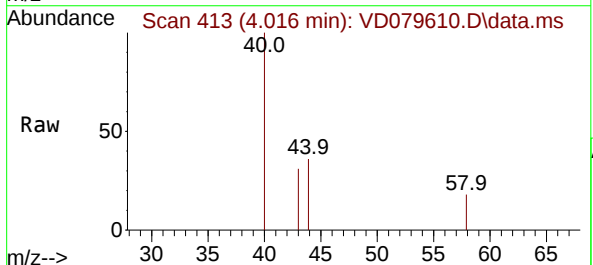


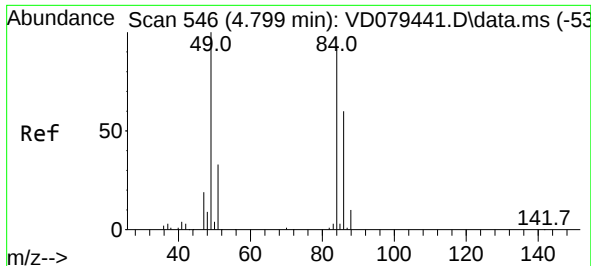
Tgt Ion:168 Resp: 78991
Ion Ratio Lower Upper
168 100
99 49.2 41.1 61.7



#16
Acetone
Concen: 4.918 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079610.D
Acq: 06 Aug 2024 06:28

Tgt Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
58 58.7 30.4 45.6#

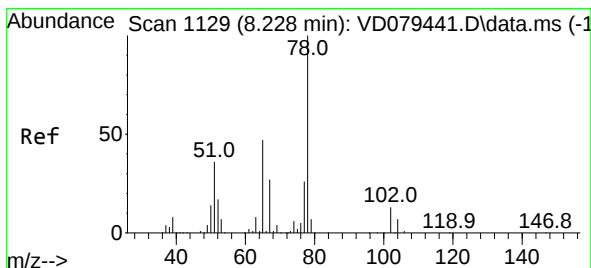
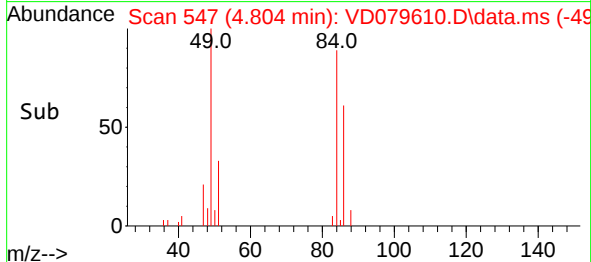
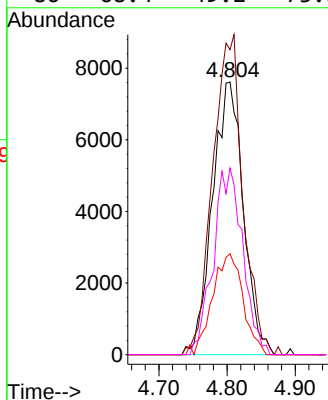
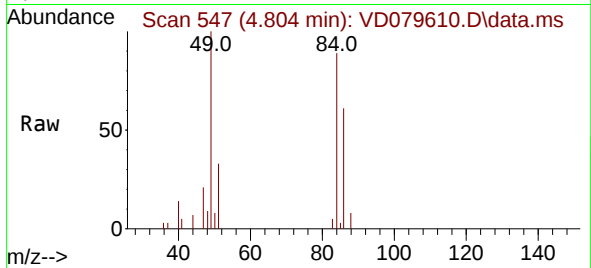




#20
Methylene Chloride
Concen: 7.887 ug/l
RT: 4.804 min Scan# 546
Delta R.T. 0.005 min
Lab File: VD079610.D
Acq: 06 Aug 2024 06:28

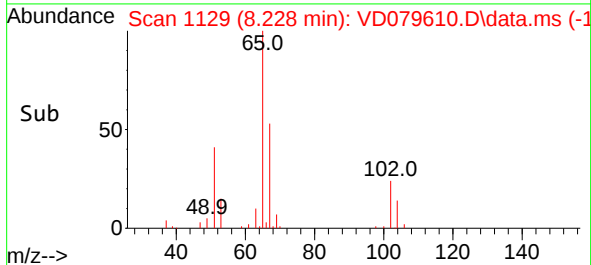
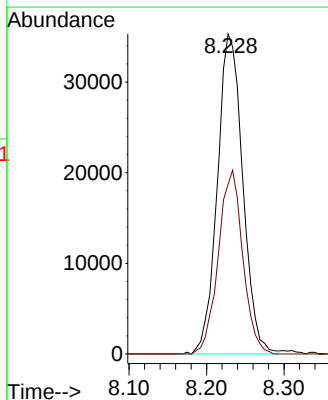
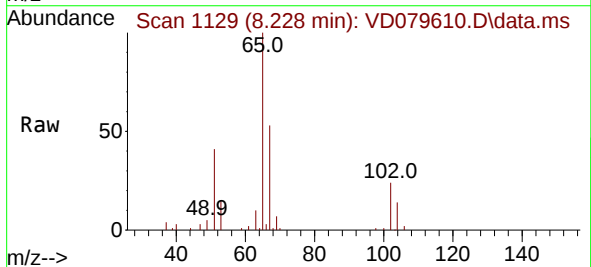
Instrument :
MSVOA_D
ClientSampleId :
TP6

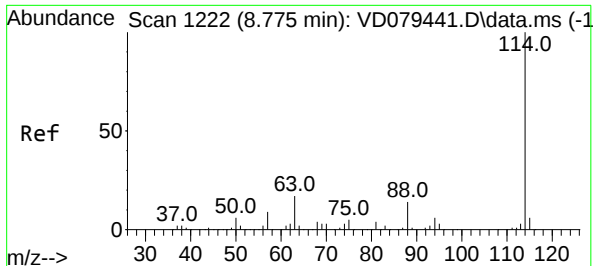
Tgt Ion:	84	Resp:	23920
Ion	Ratio	Lower	Upper
84	100		
49	111.8	75.6	113.4
51	37.0	24.2	36.2
86	68.4	49.2	73.8



#33
1,2-Dichloroethane-d4
Concen: 100.297 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079610.D
Acq: 06 Aug 2024 06:28

Tgt Ion:	65	Resp:	80486
Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD079610.D

Acq: 06 Aug 2024 06:28

Instrument :

MSVOA_D

ClientSampleId :

TP6

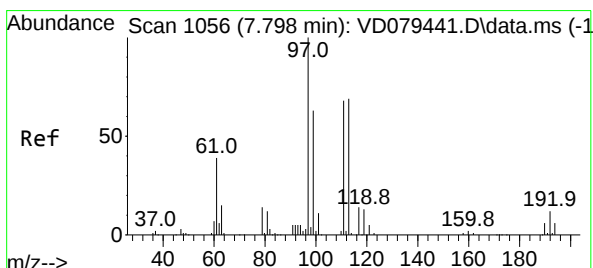
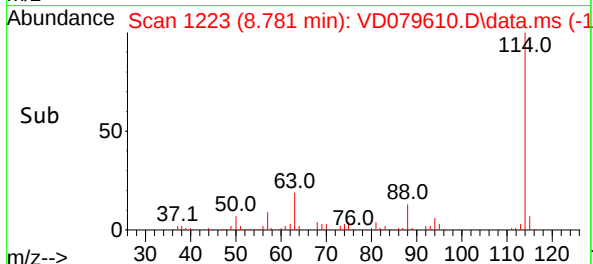
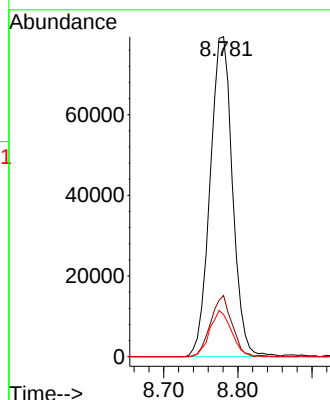
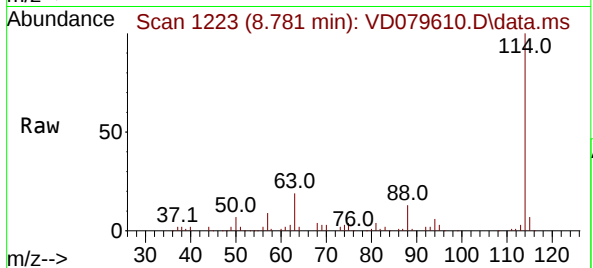
Tgt Ion:114 Resp: 166659

Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 73.123 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079610.D

Acq: 06 Aug 2024 06:28

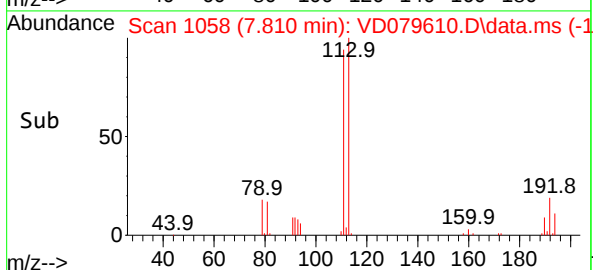
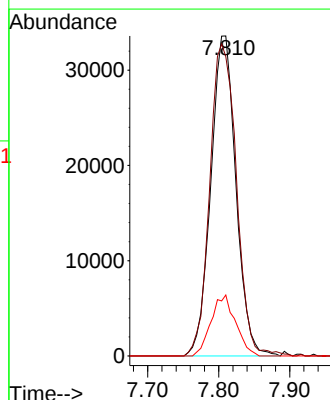
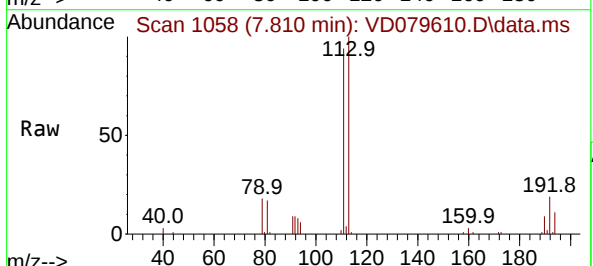
Tgt Ion:113 Resp: 82485

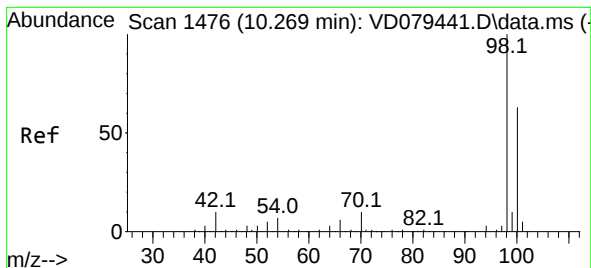
Ion Ratio Lower Upper

113 100

111 103.4 84.0 126.0

192 18.6 15.4 23.0





#50

Toluene-d8

Concen: 37.768 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079610.D

Acq: 06 Aug 2024 06:28

Instrument :

MSVOA_D

ClientSampleId :

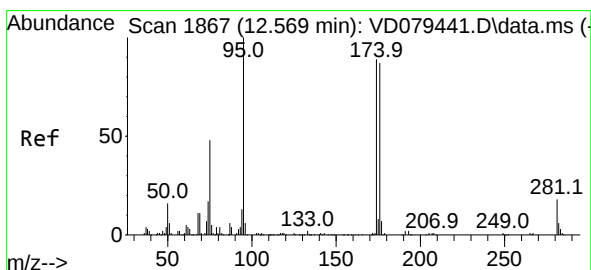
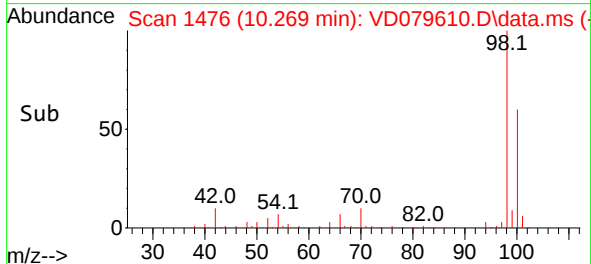
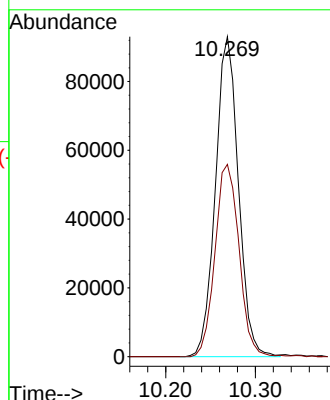
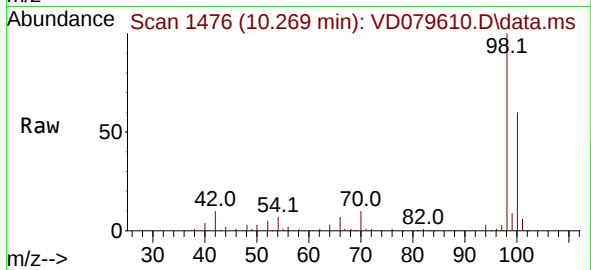
TP6

Tgt Ion: 98 Resp: 165446

Ion Ratio Lower Upper

98 100

100 63.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 18.314 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.005 min

Lab File: VD079610.D

Acq: 06 Aug 2024 06:28

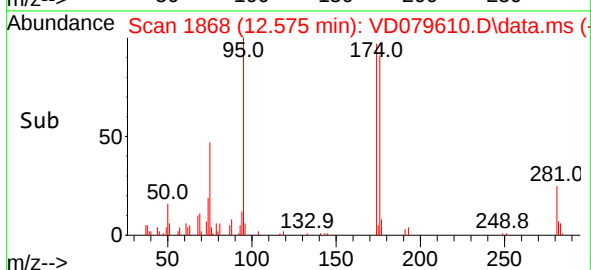
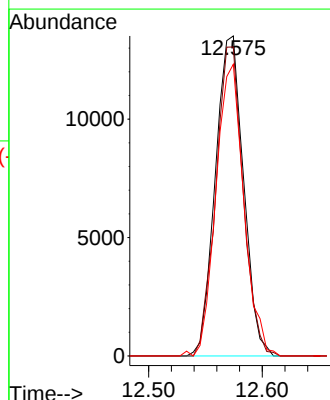
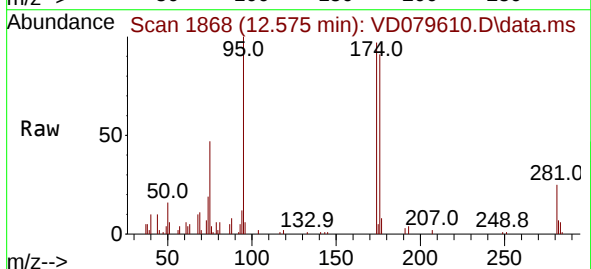
Tgt Ion: 95 Resp: 23215

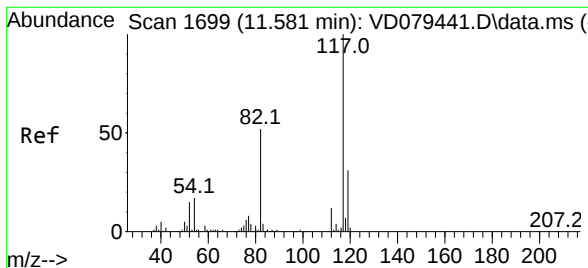
Ion Ratio Lower Upper

95 100

174 94.2 0.0 195.4

176 90.6 0.0 192.6

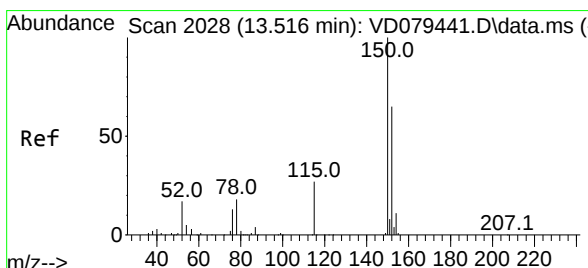
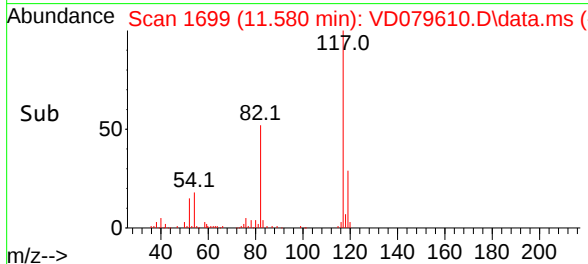
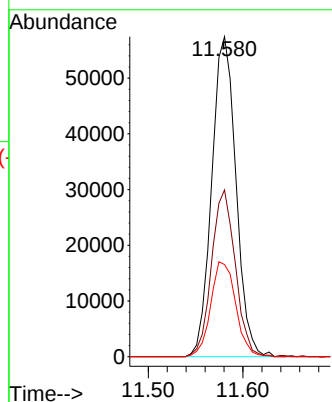
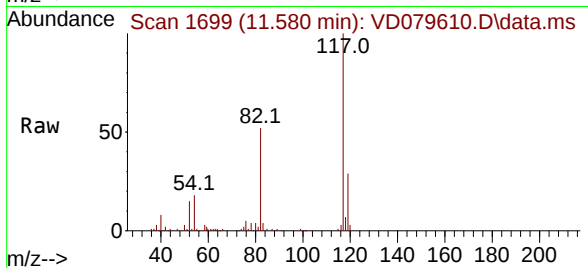




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079610.D
Acq: 06 Aug 2024 06:28

Instrument :
MSVOA_D
ClientSampleId :
TP6

Tgt Ion:117 Resp: 102019
Ion Ratio Lower Upper
117 100
82 52.1 39.8 59.6
119 28.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.005 min
Lab File: VD079610.D
Acq: 06 Aug 2024 06:28

Tgt Ion:152 Resp: 17512
Ion Ratio Lower Upper
152 100
115 54.9 26.5 79.5
150 155.9 0.0 341.6

