

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062624\
 Data File : VY018702.D
 Acq On : 26 Jun 2024 13:01
 Operator : SY/MD
 Sample : P3045-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7AB

Quant Time: Jun 27 07:50:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

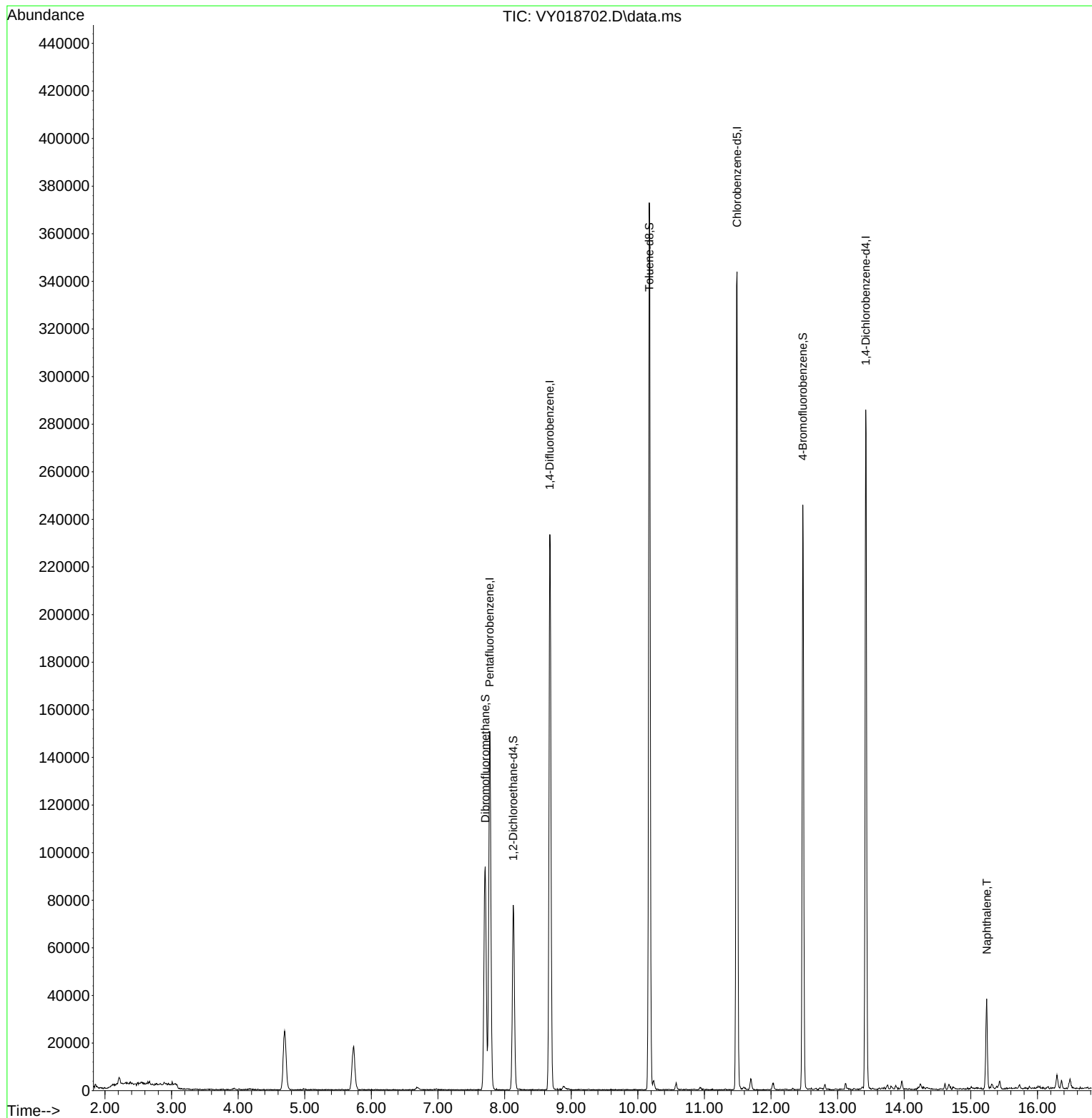
Internal Standards						
1) Pentafluorobenzene	7.777	168	119854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	216916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	196657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	58208	48.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.480%
35) Dibromofluoromethane	7.710	113	67939	51.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.680%
50) Toluene-d8	10.173	98	248683	48.870	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.740%
62) 4-Bromofluorobenzene	12.477	95	73739	45.890	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.780%
Target Compounds						
95) Naphthalene	15.239	128	30133	12.853	ug/l	Qvalue 99

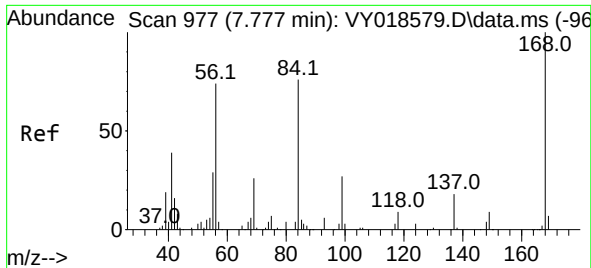
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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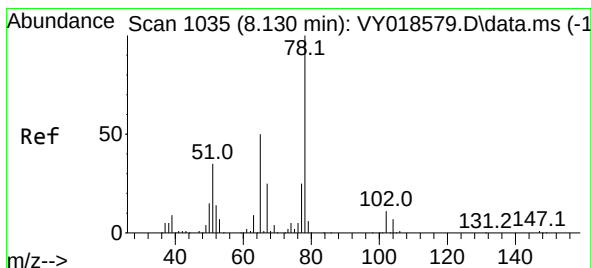
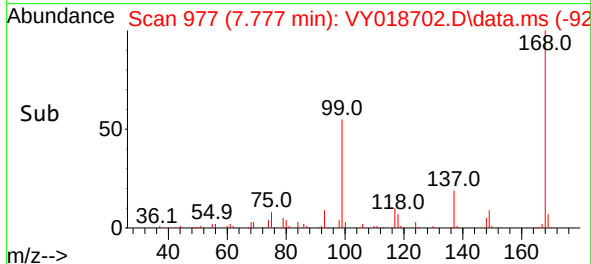
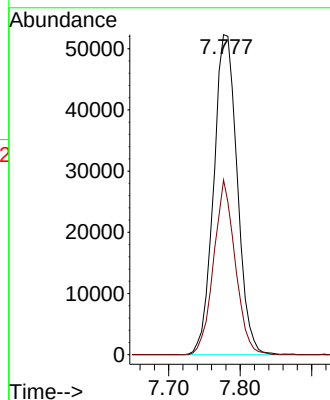
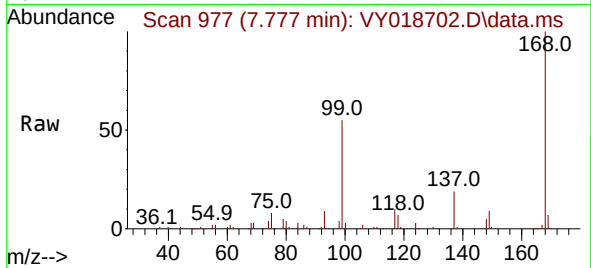




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

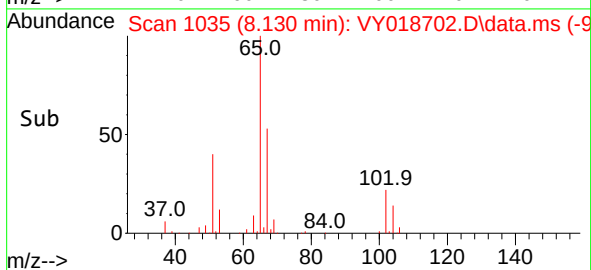
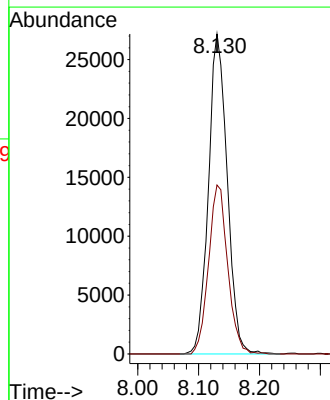
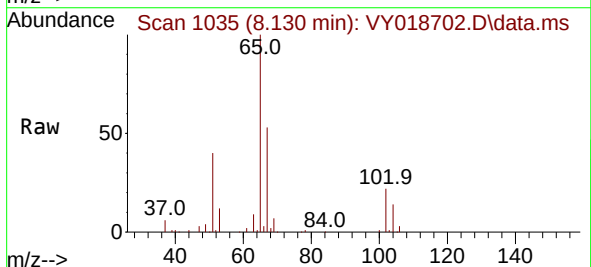
Instrument :
MSVOA_Y
ClientSampleId :
7AB

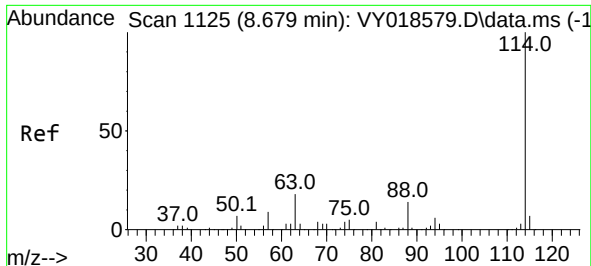
Tgt Ion:168 Resp: 119854
Ion Ratio Lower Upper
168 100
99 54.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.238 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

Tgt Ion: 65 Resp: 58208
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018702.D

Acq: 26 Jun 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

7AB

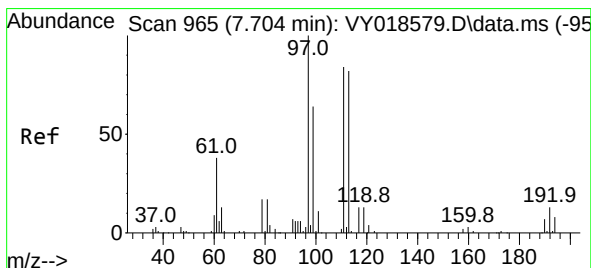
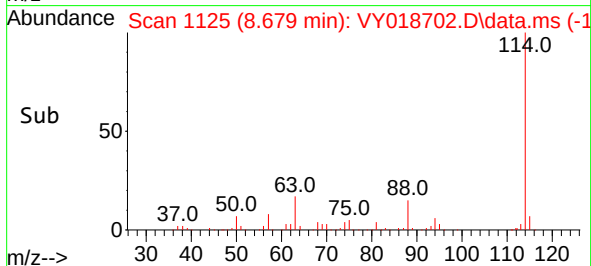
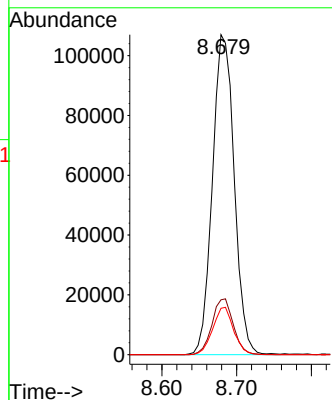
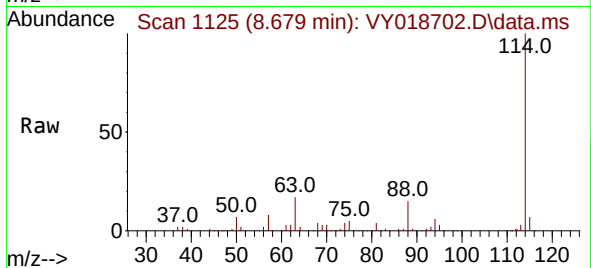
Tgt Ion:114 Resp: 216916

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.343 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018702.D

Acq: 26 Jun 2024 13:01

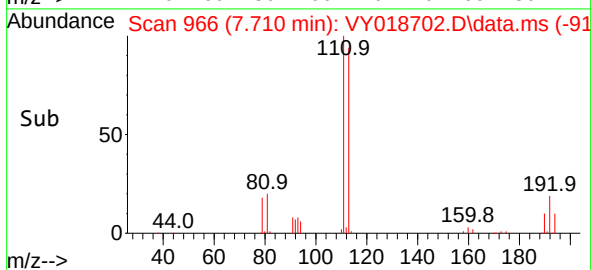
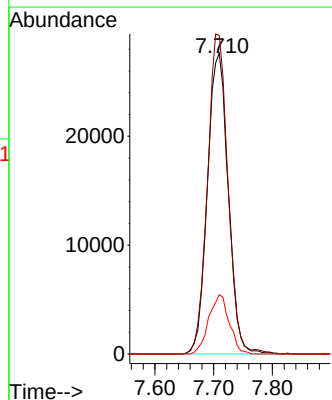
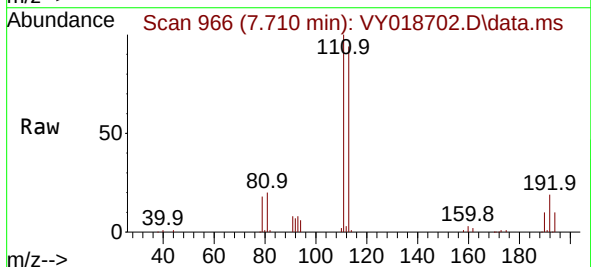
Tgt Ion:113 Resp: 67939

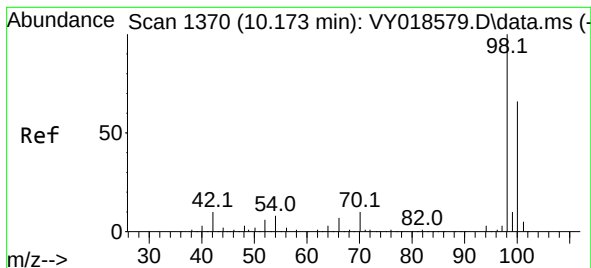
Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

192 19.4 15.9 23.9





#50

Toluene-d8

Concen: 48.870 ug/l

RT: 10.173 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018702.D

Acq: 26 Jun 2024 13:01

Instrument :

MSVOA_Y

ClientSampleId :

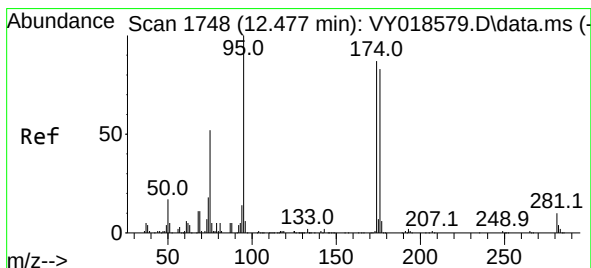
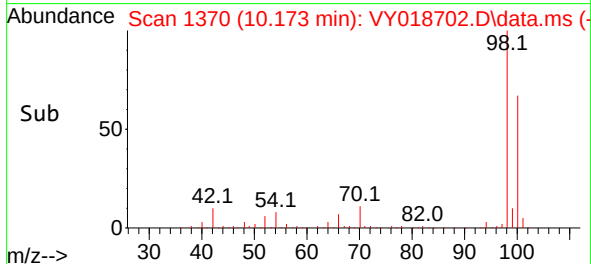
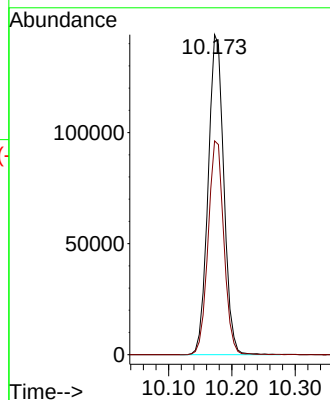
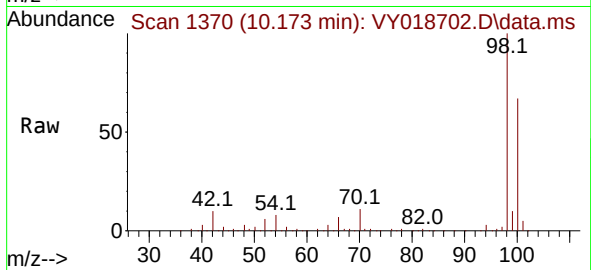
7AB

Tgt Ion: 98 Resp: 248683

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.890 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018702.D

Acq: 26 Jun 2024 13:01

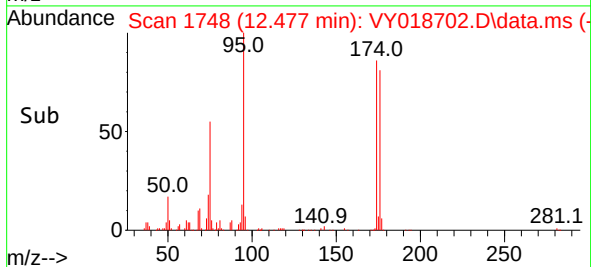
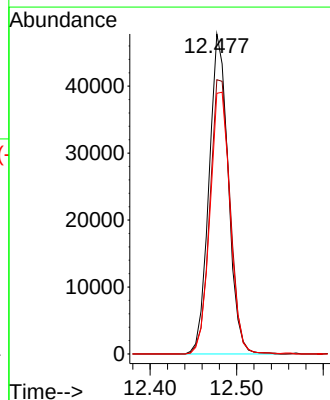
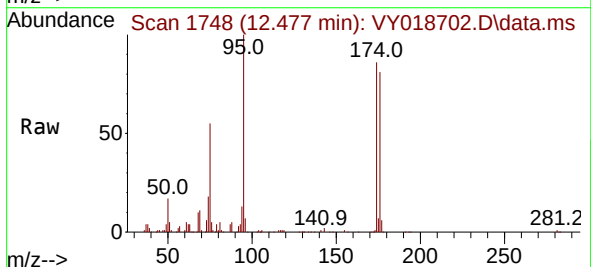
Tgt Ion: 95 Resp: 73739

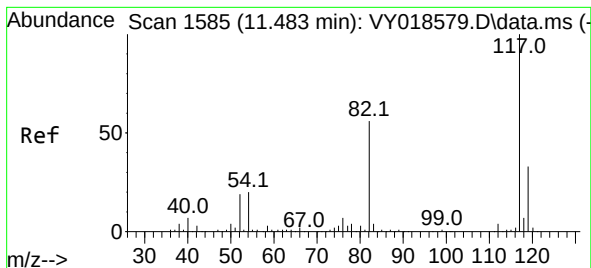
Ion Ratio Lower Upper

95 100

174 90.2 0.0 175.6

176 86.0 0.0 171.4

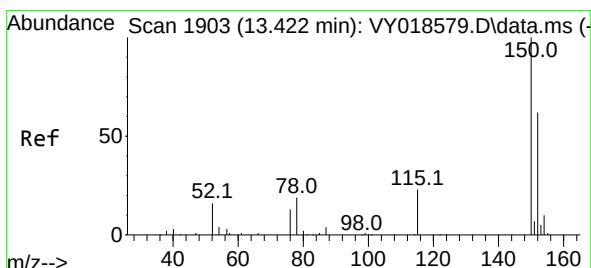
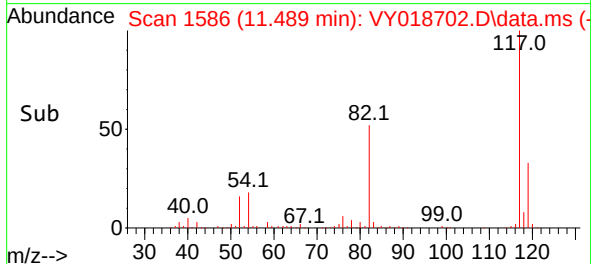
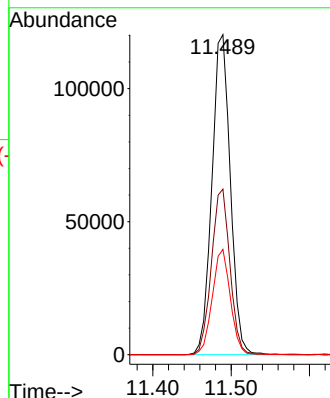
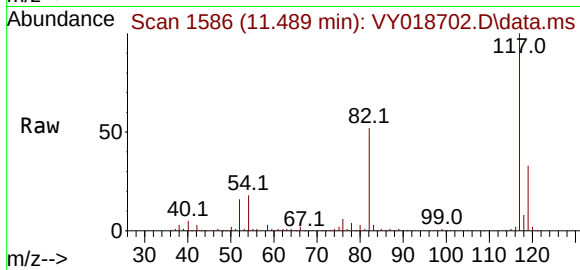




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

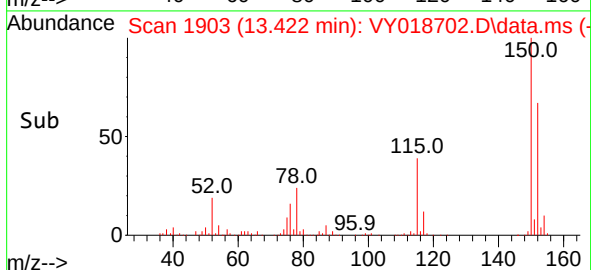
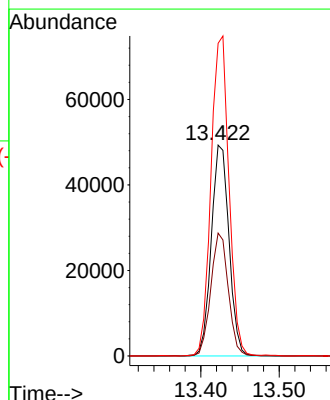
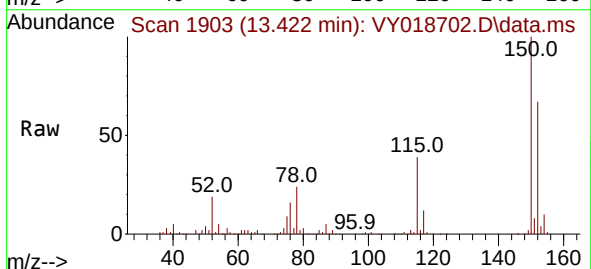
Instrument :
MSVOA_Y
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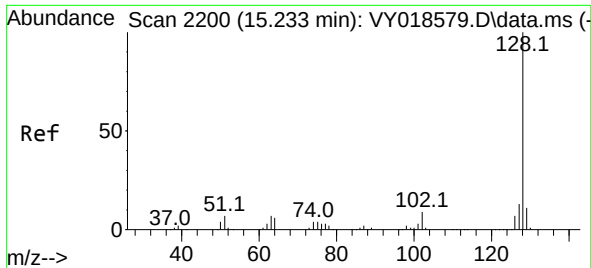
Tgt Ion:117 Resp: 196657
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 32.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

Tgt Ion:152 Resp: 77387
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 153.8 0.0 345.6





#95
Naphthalene
Concen: 12.853 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY018702.D
Acq: 26 Jun 2024 13:01

Instrument :
MSVOA_Y
ClientSampleId :
7AB

Tgt Ion:	128	Resp:	30133
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.5	8.6	13.0

