

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081224\
 Data File : VY018993.D
 Acq On : 12 Aug 2024 11:32
 Operator : SY/MD
 Sample : P3509-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-080724

Quant Time: Aug 12 16:21:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	72872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	121857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.413	117	97949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	34680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	32075	50.132	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.260%
35) Dibromofluoromethane	7.621	113	37499	48.182	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.360%
50) Toluene-d8	10.103	98	142441	47.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.407	95	32903	37.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.200%

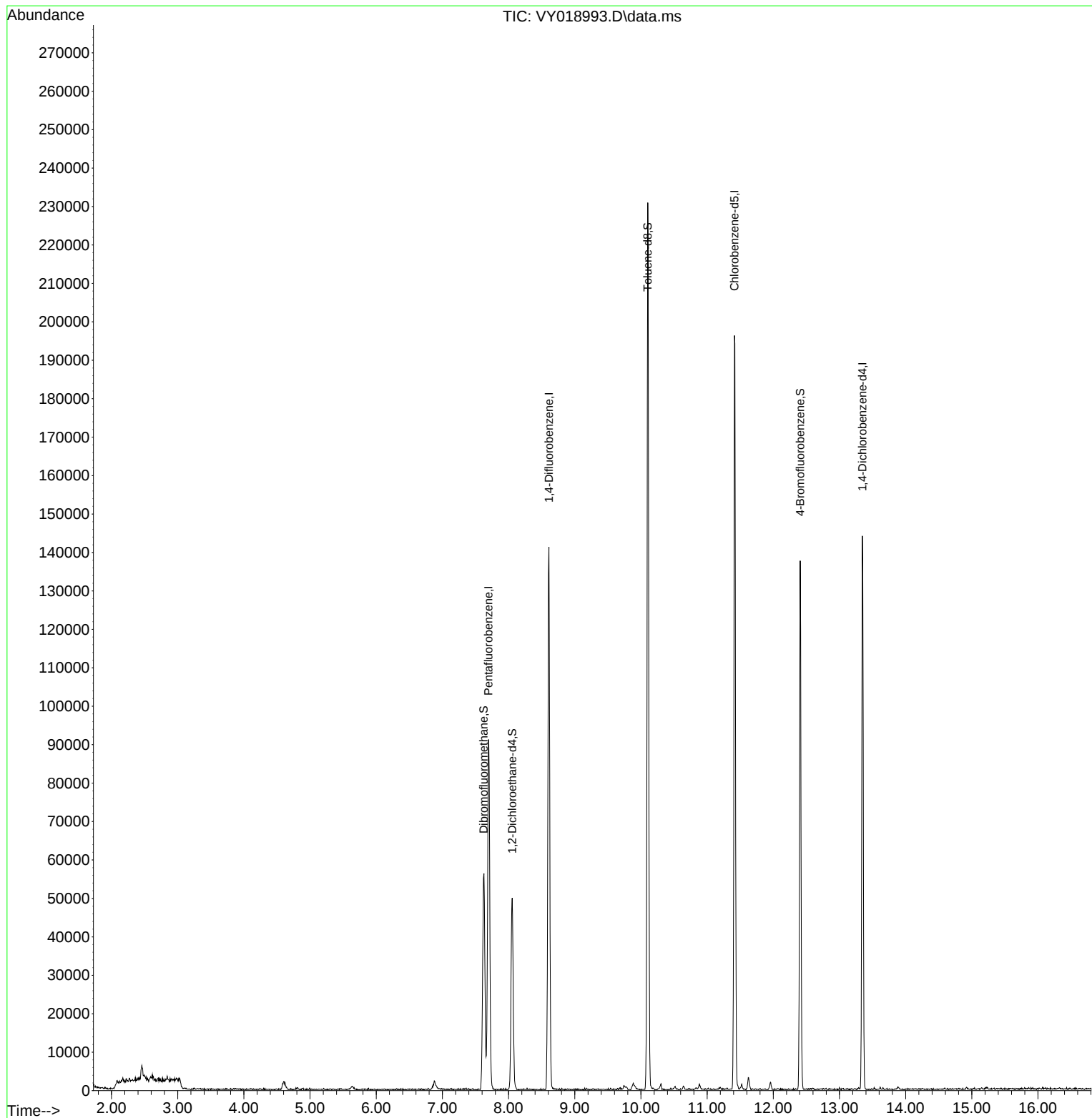
Target Compounds	Qvalue

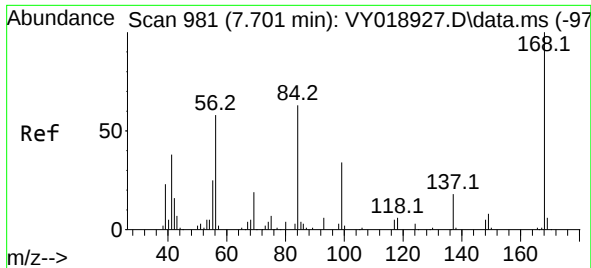
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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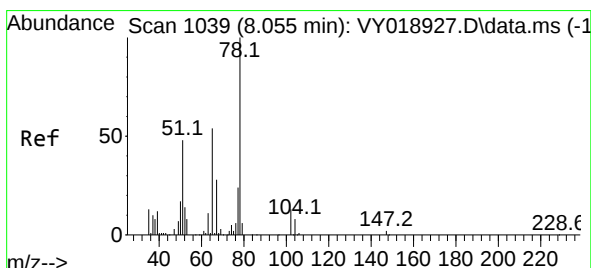
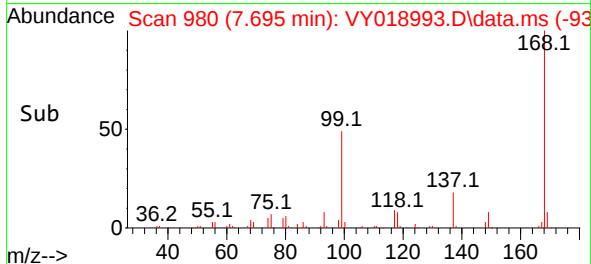
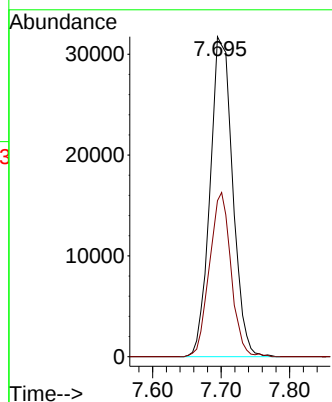
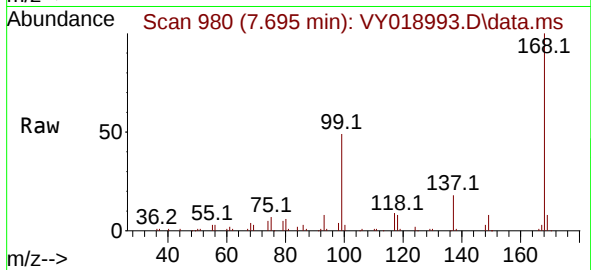




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018993.D
Acq: 12 Aug 2024 11:32

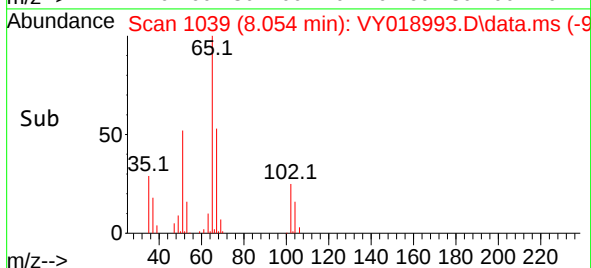
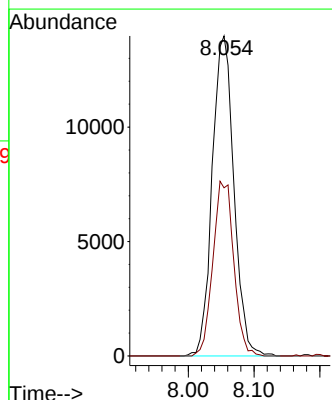
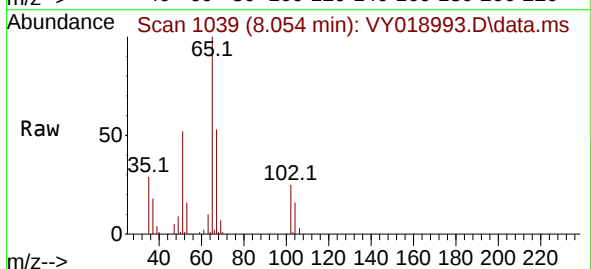
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080724

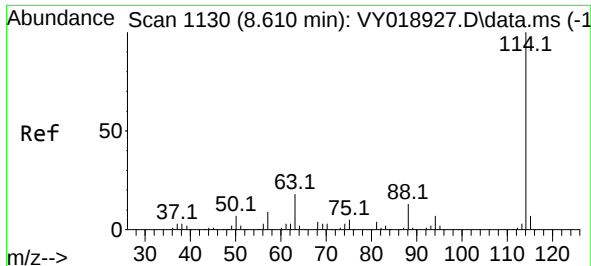
Tgt Ion:168 Resp: 72872
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.132 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY018993.D
Acq: 12 Aug 2024 11:32

Tgt Ion: 65 Resp: 32075
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY018993.D

Acq: 12 Aug 2024 11:32

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-080724

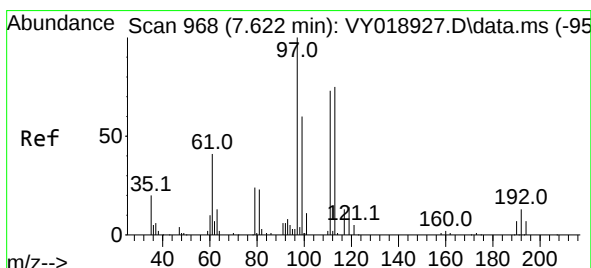
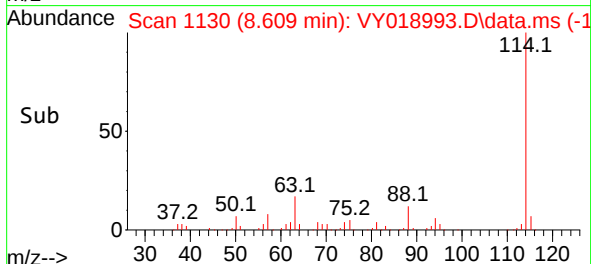
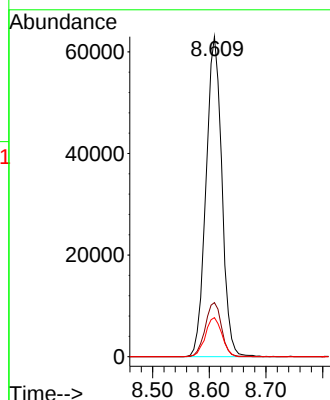
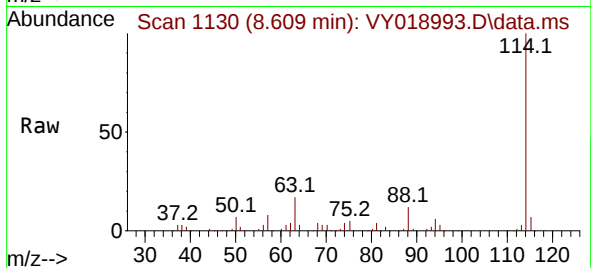
Tgt Ion:114 Resp: 121857

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 12.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.182 ug/l

RT: 7.621 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY018993.D

Acq: 12 Aug 2024 11:32

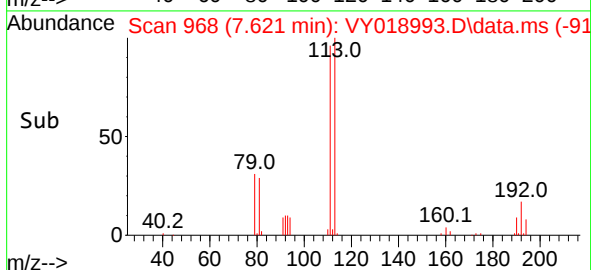
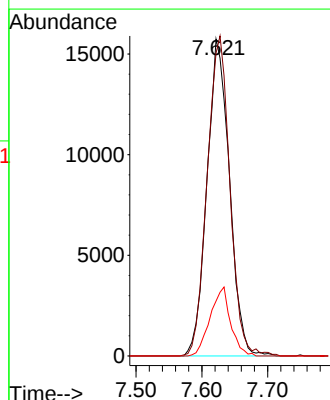
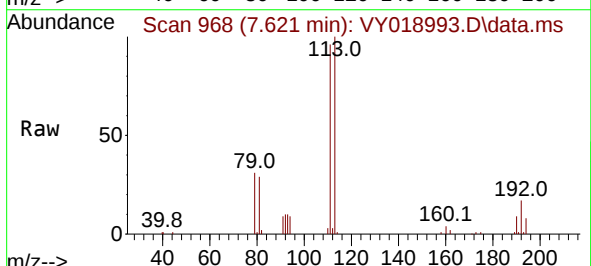
Tgt Ion:113 Resp: 37499

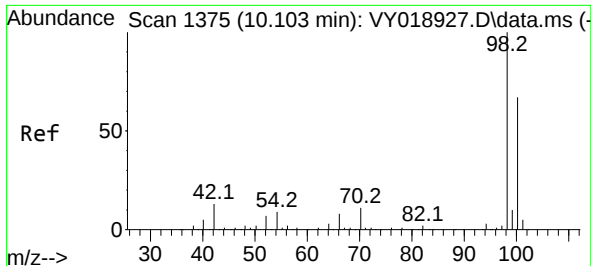
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 19.7 15.9 23.9

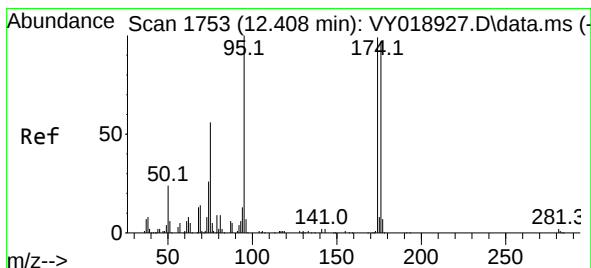
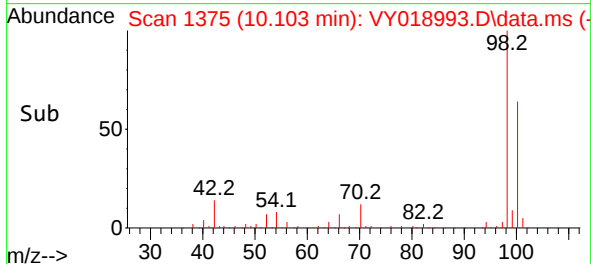
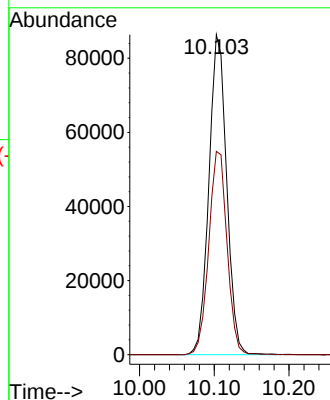
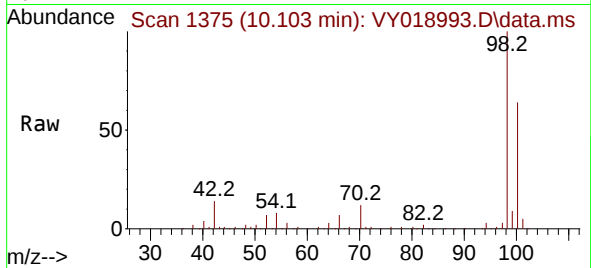




#50
Toluene-d8
Concen: 47.648 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018993.D
Acq: 12 Aug 2024 11:32

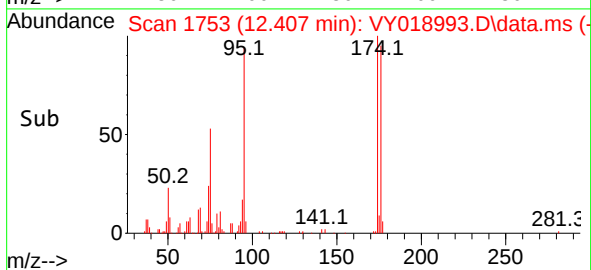
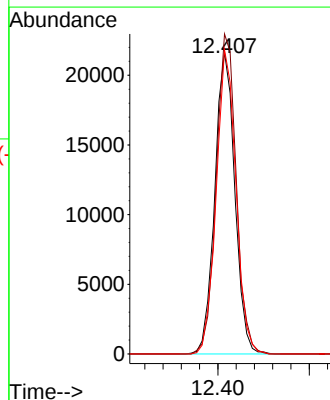
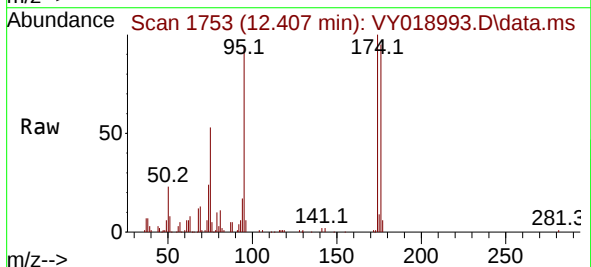
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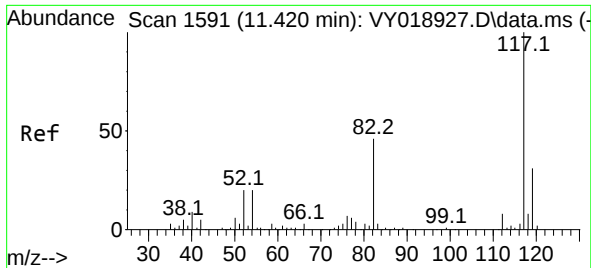
Tgt Ion: 98 Resp: 142441
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.099 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018993.D
Acq: 12 Aug 2024 11:32

Tgt Ion: 95 Resp: 32903
Ion Ratio Lower Upper
95 100
174 105.9 0.0 175.6
176 99.2 0.0 171.4

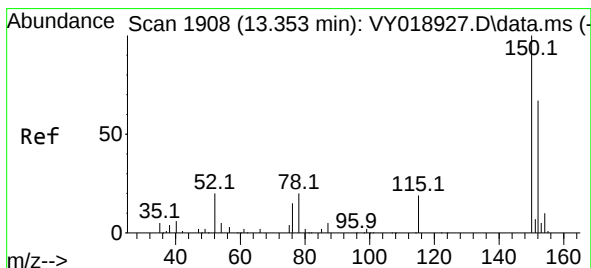
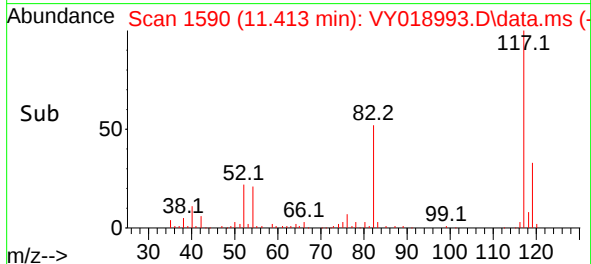
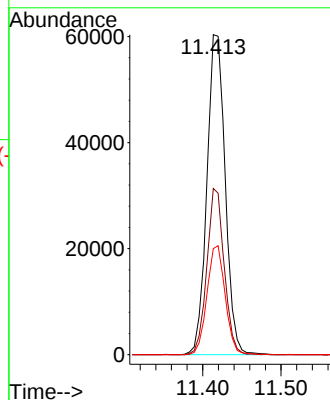
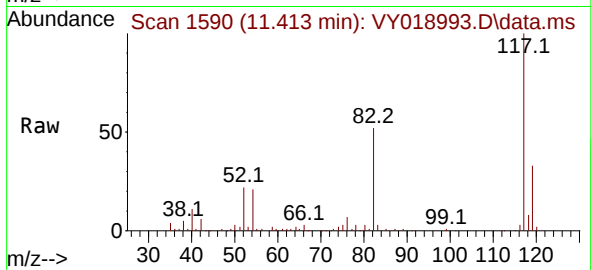




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.413 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018993.D
Acq: 12 Aug 2024 11:32

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-080724

Tgt Ion:117 Resp: 97949
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 33.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.007 min
Lab File: VY018993.D
Acq: 12 Aug 2024 11:32

Tgt Ion:152 Resp: 34680
Ion Ratio Lower Upper
152 100
115 52.3 28.2 84.7
150 152.9 0.0 345.6

