

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042424\
 Data File : VY018035.D
 Acq On : 24 Apr 2024 13:14
 Operator : SY/MD
 Sample : P2247-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-03-04232024

Quant Time: Apr 25 01:34:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	6120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	7181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3454	65.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.440%	
35) Dibromofluoromethane	7.710	113	3439	58.906	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.820%	
50) Toluene-d8	10.179	98	9403	42.446	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.900%	
62) 4-Bromofluorobenzene	12.483	95	1584	23.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 46.180%	

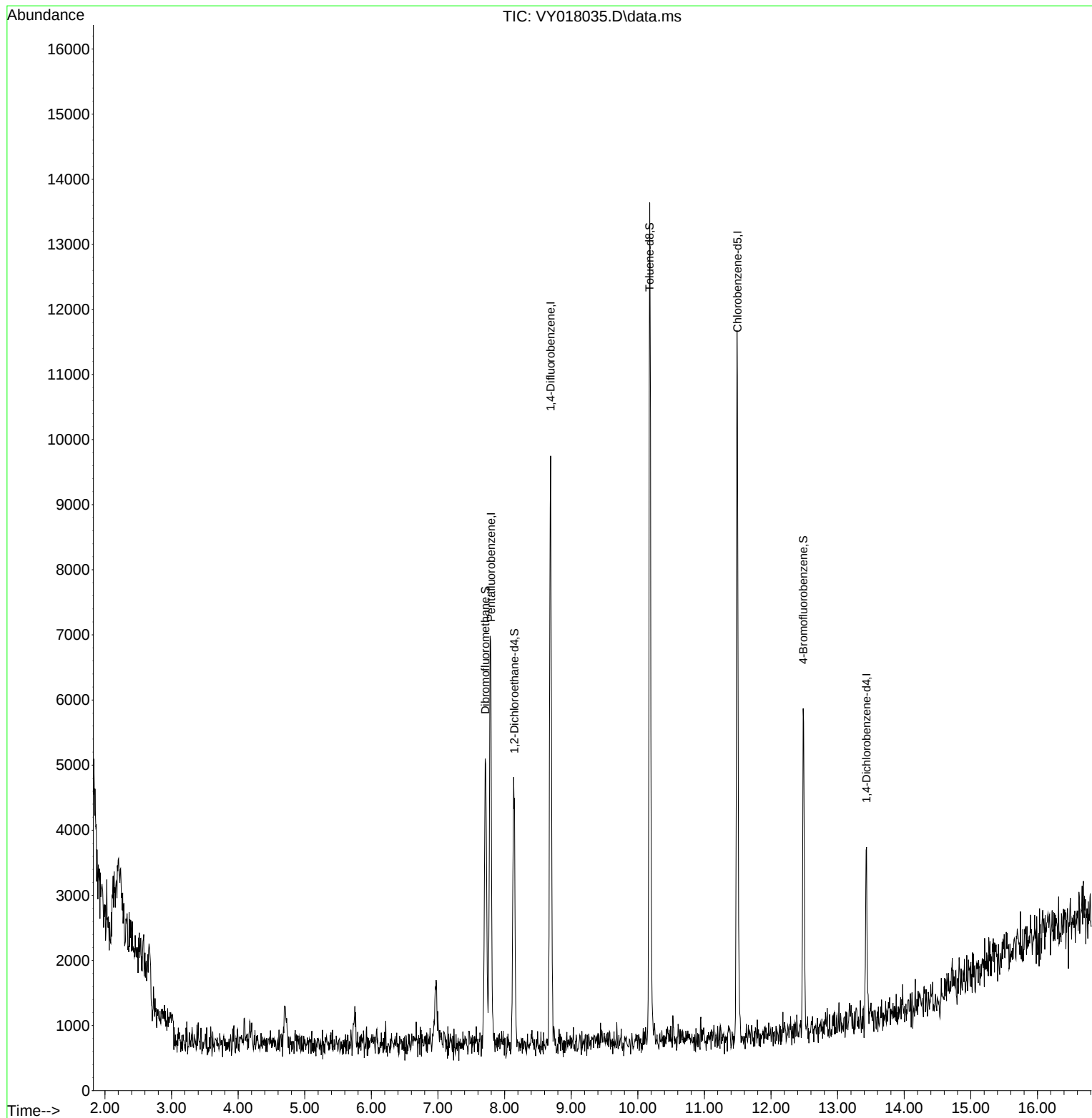
Target Compounds	Qvalue

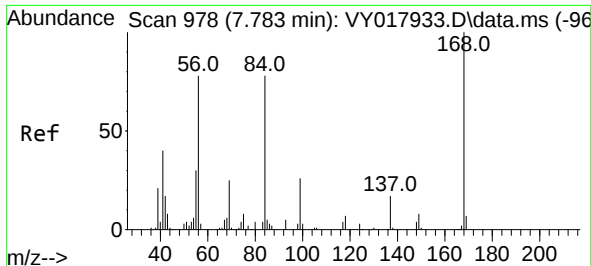
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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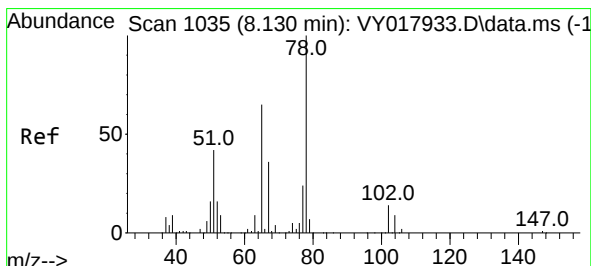
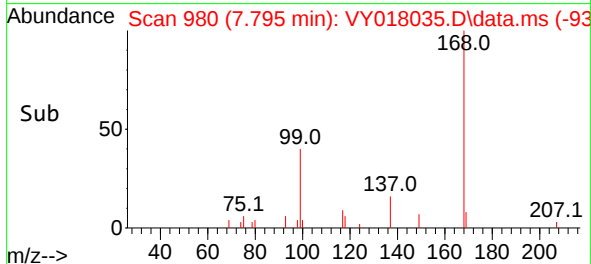
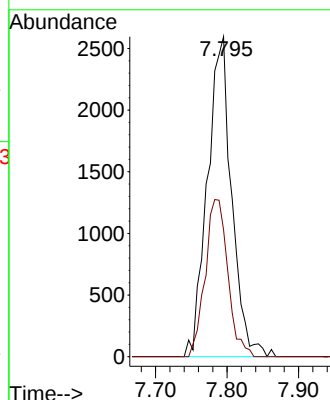
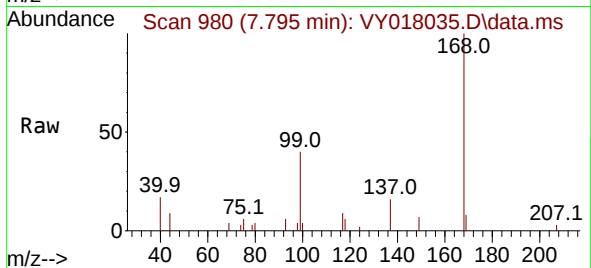




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018035.D
Acq: 24 Apr 2024 13:14

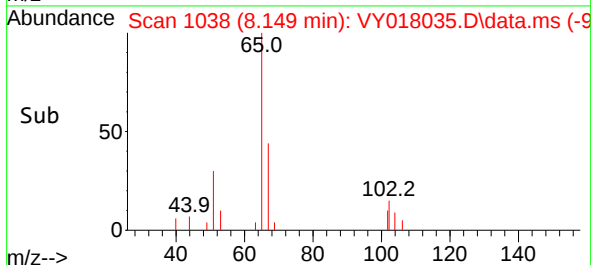
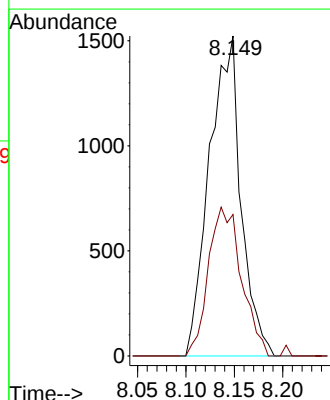
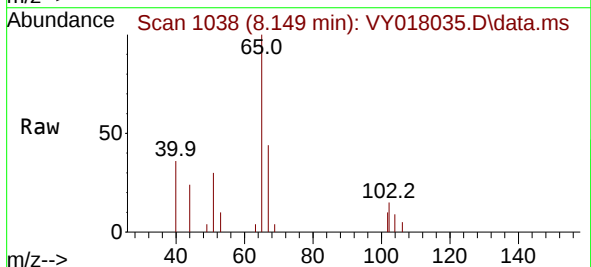
Instrument :
MSVOA_Y
ClientSampleId :
PL-03-04232024

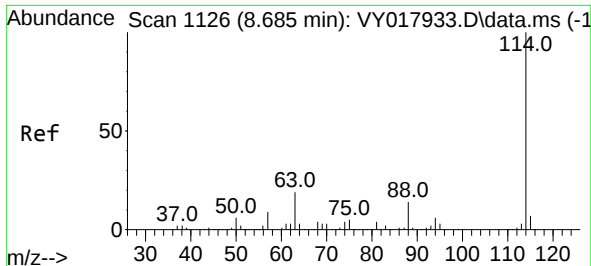
Tgt Ion:168 Resp: 6120
Ion Ratio Lower Upper
168 100
99 39.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 65.218 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY018035.D
Acq: 24 Apr 2024 13:14

Tgt Ion: 65 Resp: 3454
Ion Ratio Lower Upper
65 100
67 48.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY018035.D

Acq: 24 Apr 2024 13:14

Instrument :

MSVOA_Y

ClientSampleId :

PL-03-04232024

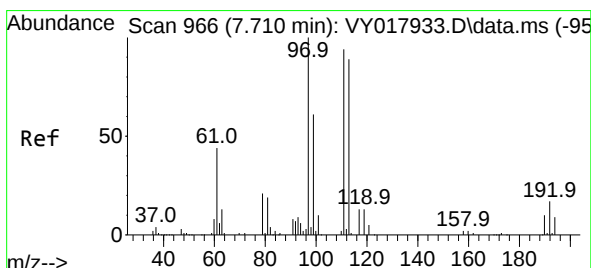
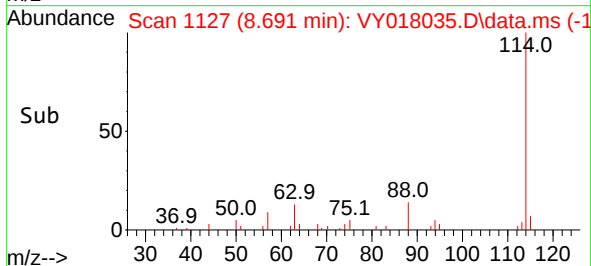
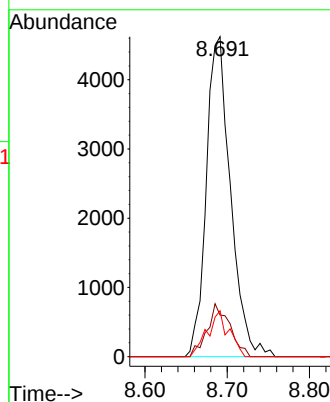
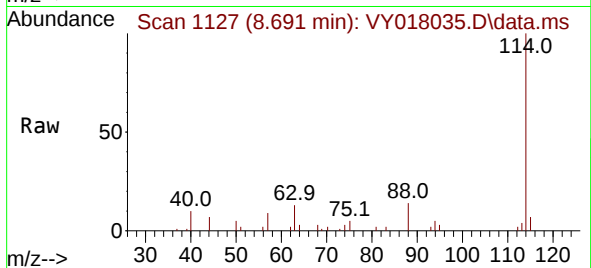
Tgt Ion:114 Resp: 9463

Ion Ratio Lower Upper

114 100

63 13.0 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 58.906 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY018035.D

Acq: 24 Apr 2024 13:14

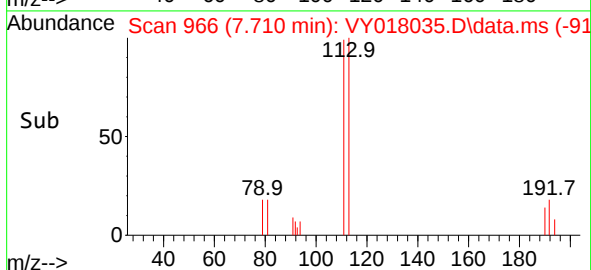
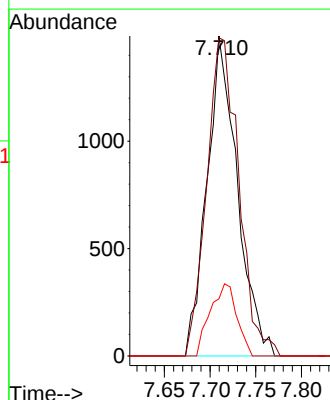
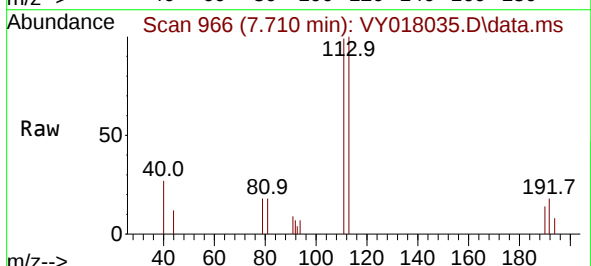
Tgt Ion:113 Resp: 3439

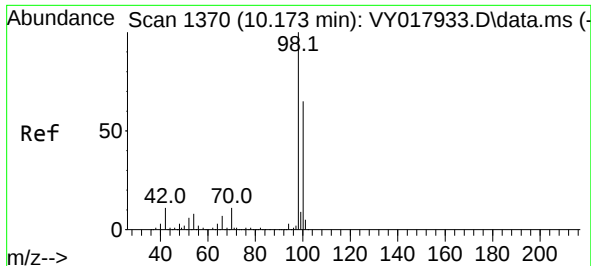
Ion Ratio Lower Upper

113 100

111 105.1 82.2 123.4

192 19.7 15.9 23.9

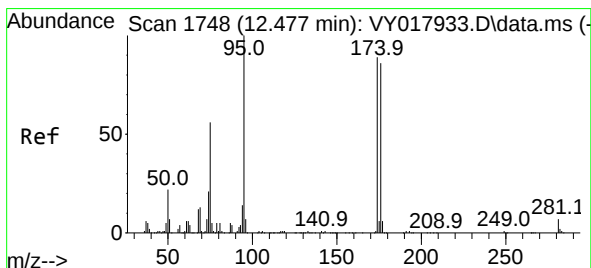
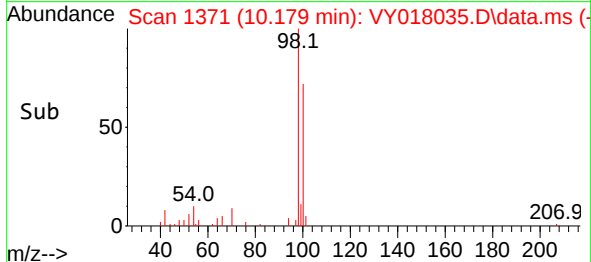
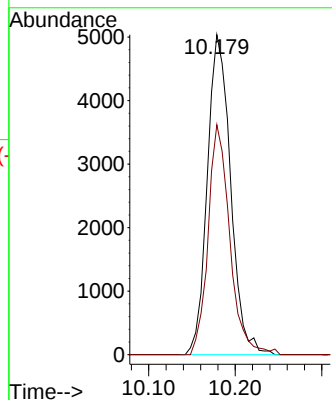
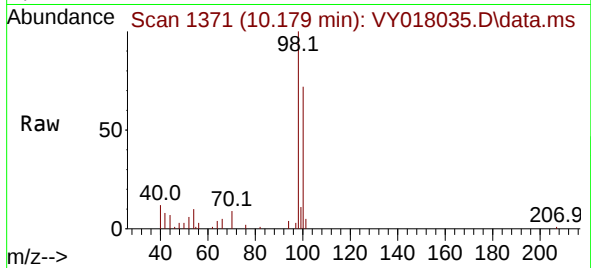




#50
Toluene-d8
Concen: 42.446 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018035.D
Acq: 24 Apr 2024 13:14

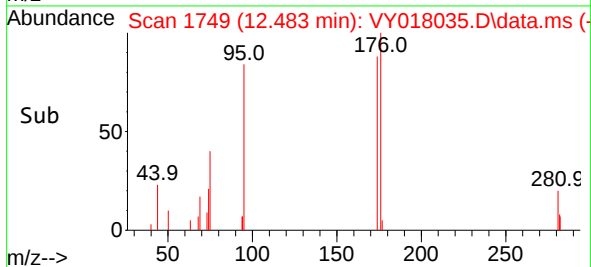
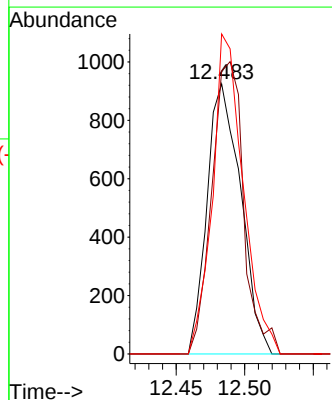
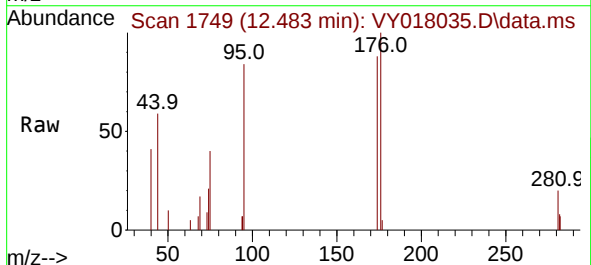
Instrument :
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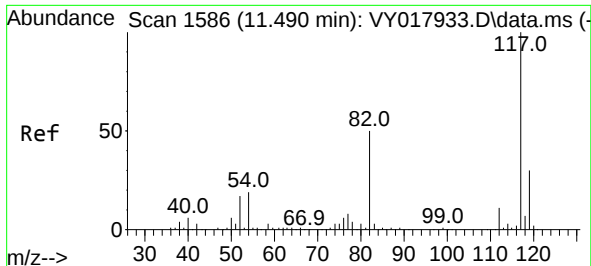
Tgt Ion: 98 Resp: 9403
Ion Ratio Lower Upper
98 100
100 67.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 23.088 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018035.D
Acq: 24 Apr 2024 13:14

Tgt Ion: 95 Resp: 1584
Ion Ratio Lower Upper
95 100
174 102.4 0.0 175.6
176 108.1 0.0 171.4

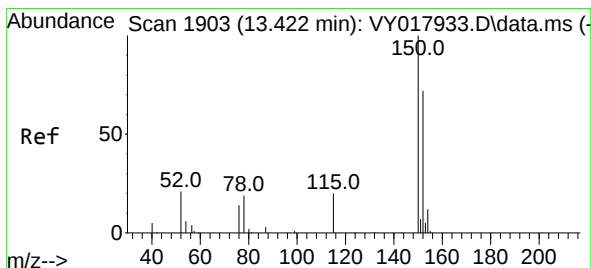
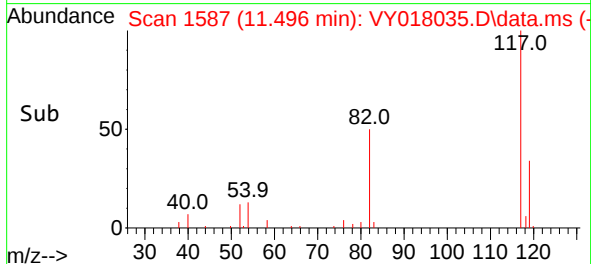
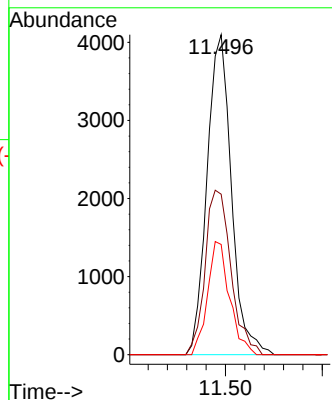
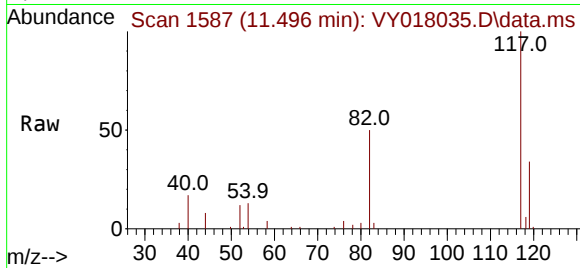




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018035.D
Acq: 24 Apr 2024 13:14

Instrument :
MSVOA_Y
ClientSampleId :
PL-03-04232024

Tgt Ion:	117	Resp:	7181
Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.4	63.6
119	34.5	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY018035.D
Acq: 24 Apr 2024 13:14

Tgt Ion:	152	Resp:	1195
Ion	Ratio	Lower	Upper
152	100		
115	47.6	28.2	84.7
150	124.5	0.0	345.6

