

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017590.D
 Acq On : 06 Mar 2024 14:14
 Operator : SY/MD
 Sample : P1682-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-04-03052024RE

Quant Time: Mar 07 02:08:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	17912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	26333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	21410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	8364	49.270	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.540%
35) Dibromofluoromethane	7.722	113	9589	52.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.520%
50) Toluene-d8	10.185	98	29423	45.861	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.720%
62) 4-Bromofluorobenzene	12.483	95	6580	32.634	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.260%

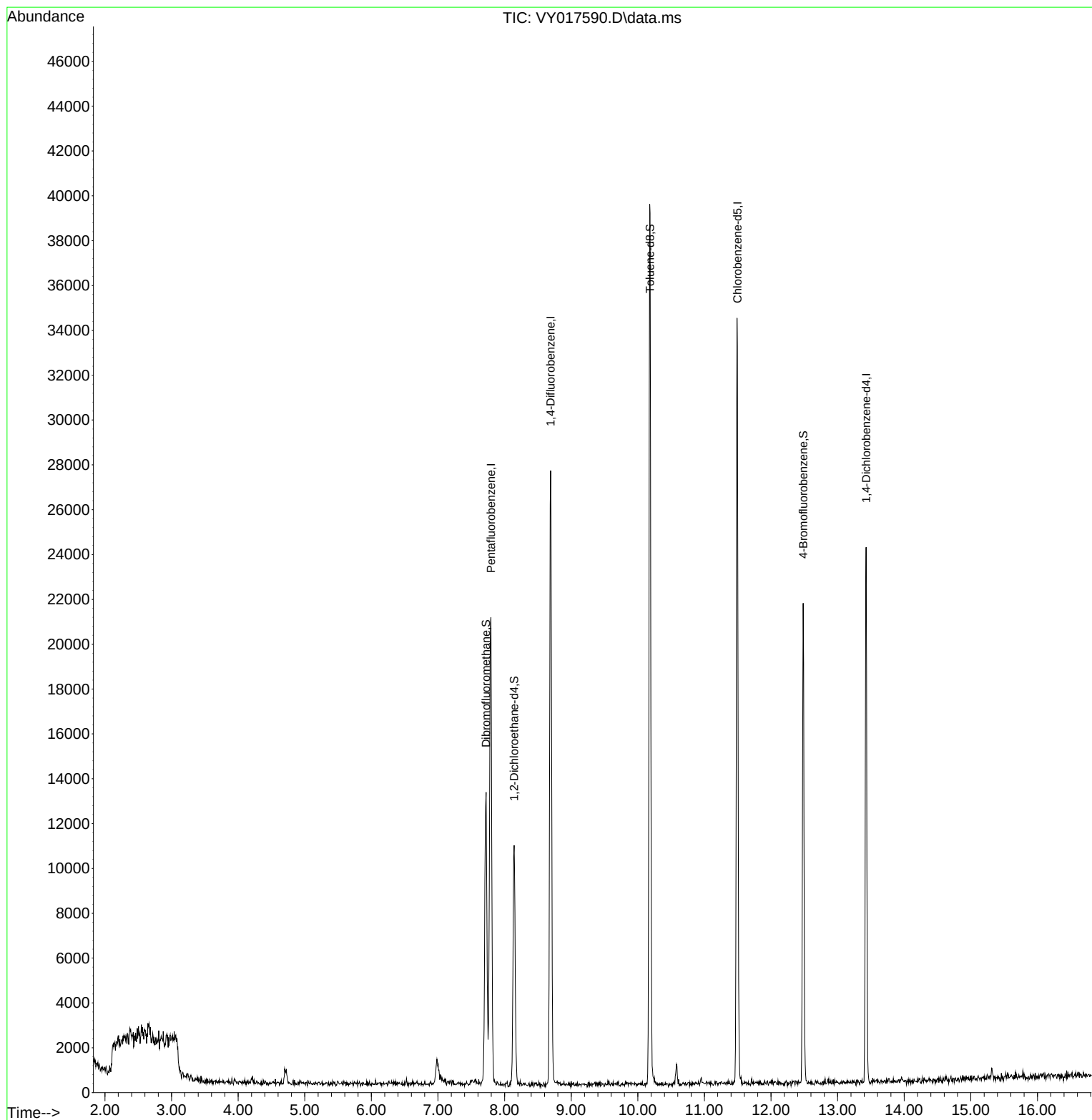
Target Compounds	Qvalue

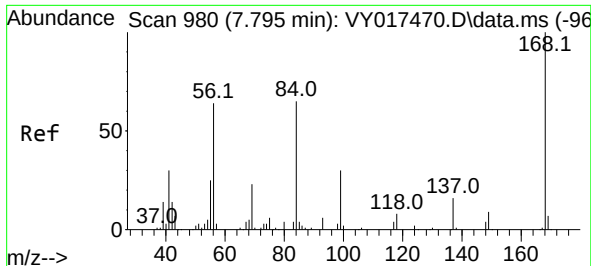
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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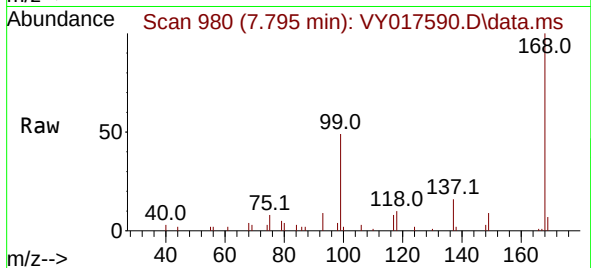
Quant Time: Mar 07 02:08:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
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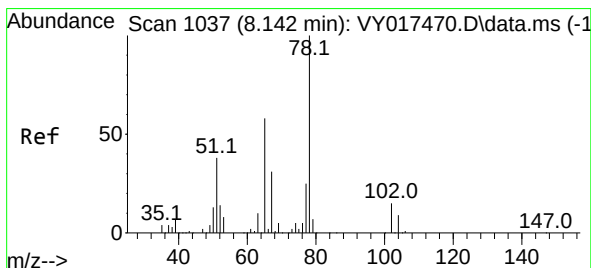
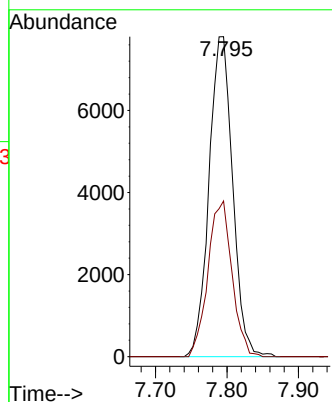
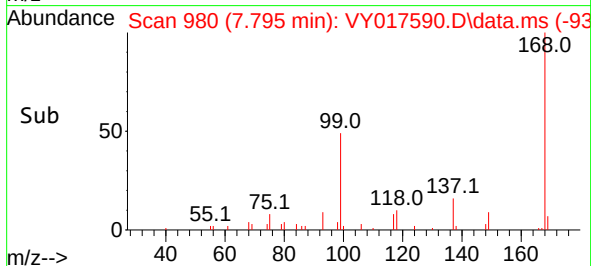


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024RE

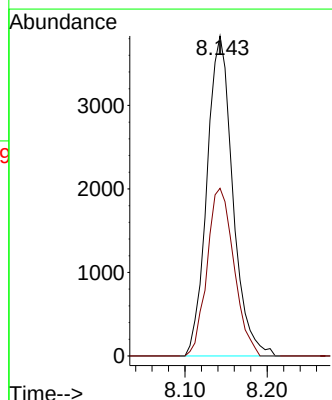
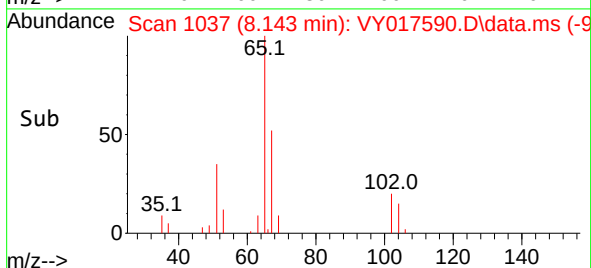
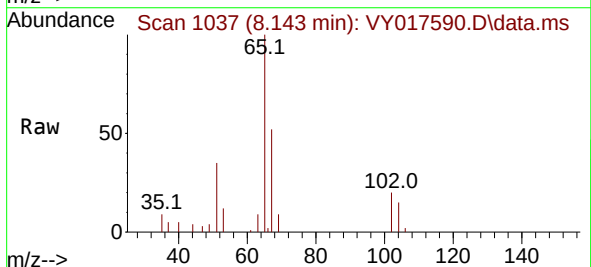


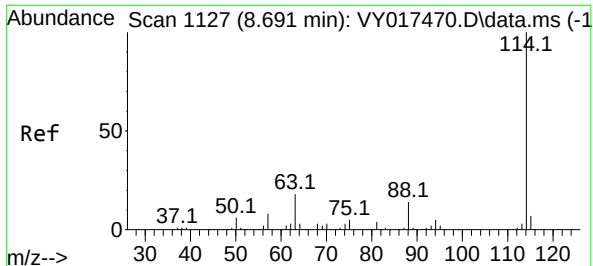
Tgt Ion:168 Resp: 17912
Ion Ratio Lower Upper
168 100
99 48.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.270 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Tgt Ion: 65 Resp: 8364
Ion Ratio Lower Upper
65 100
67 54.4 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: VY017590.D

Acq: 06 Mar 2024 14:14

Instrument :

MSVOA_Y

ClientSampleId :

HR-04-03052024RE

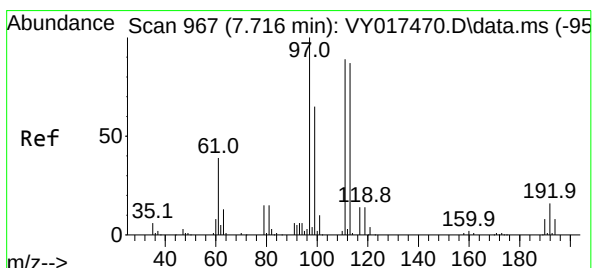
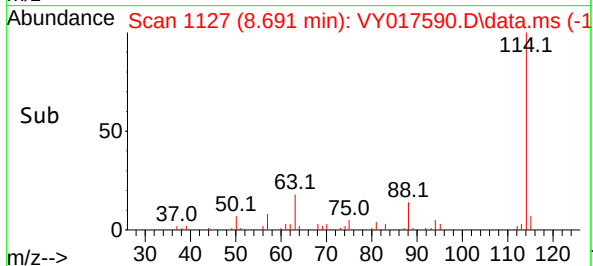
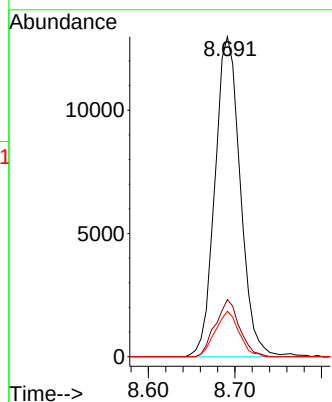
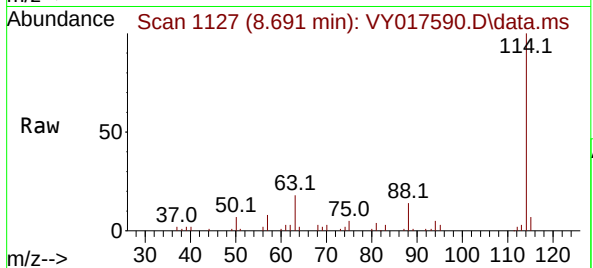
Tgt Ion:114 Resp: 26333

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.257 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017590.D

Acq: 06 Mar 2024 14:14

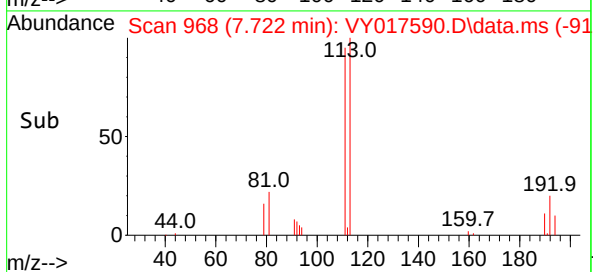
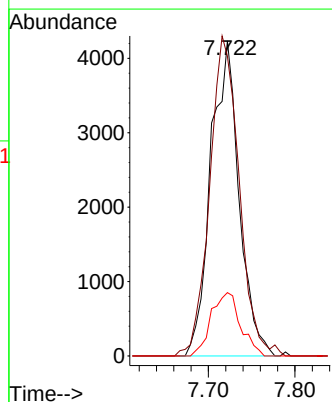
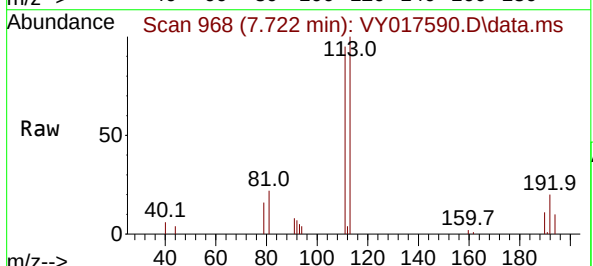
Tgt Ion:113 Resp: 9589

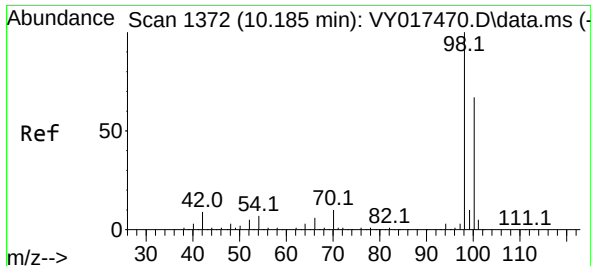
Ion Ratio Lower Upper

113 100

111 105.9 82.2 123.4

192 20.9 15.9 23.9

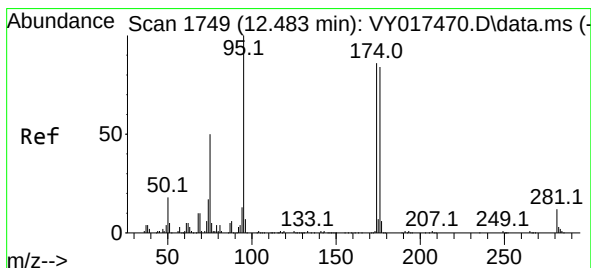
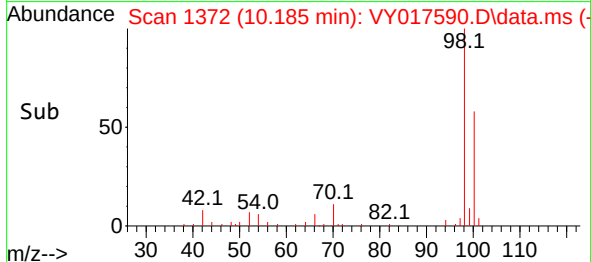
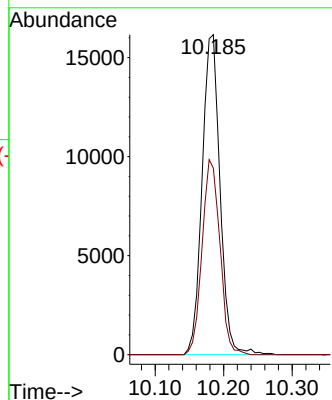
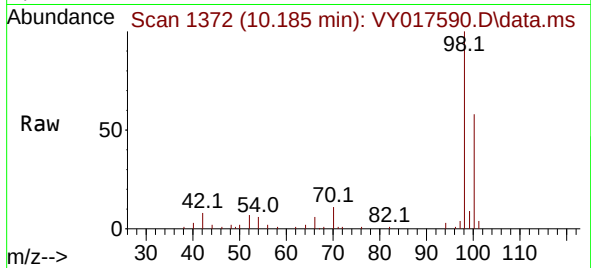




#50
Toluene-d8
Concen: 45.861 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

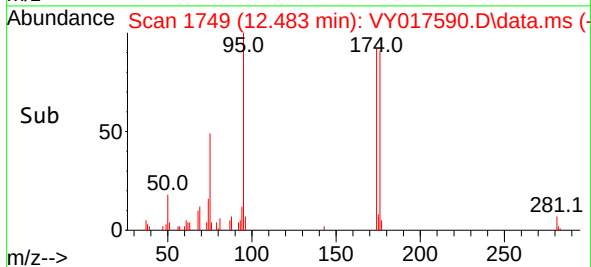
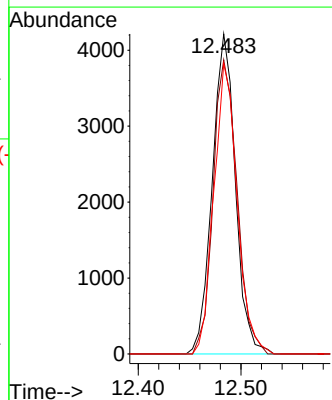
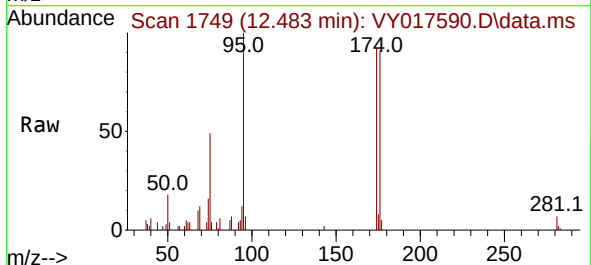
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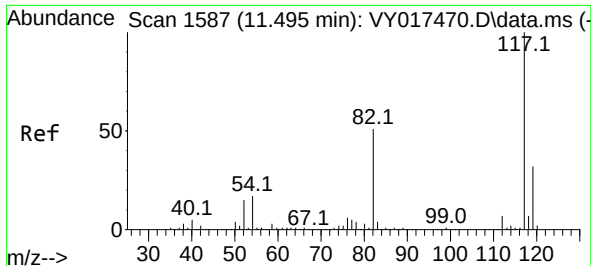
Tgt Ion: 98 Resp: 29423
Ion Ratio Lower Upper
98 100
100 60.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.634 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Tgt Ion: 95 Resp: 6580
Ion Ratio Lower Upper
95 100
174 95.1 0.0 175.6
176 91.5 0.0 171.4

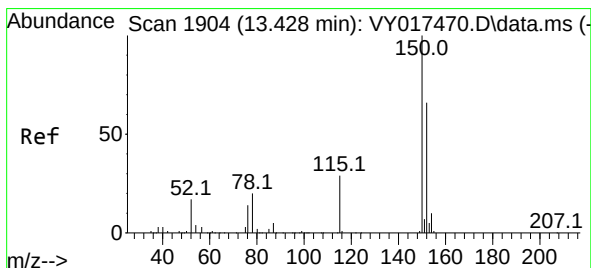
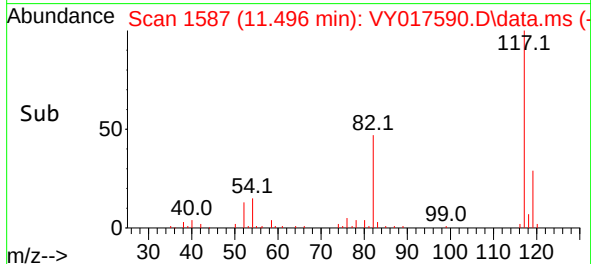
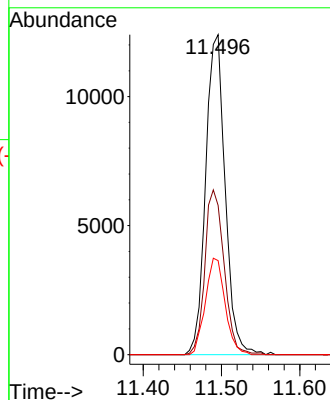
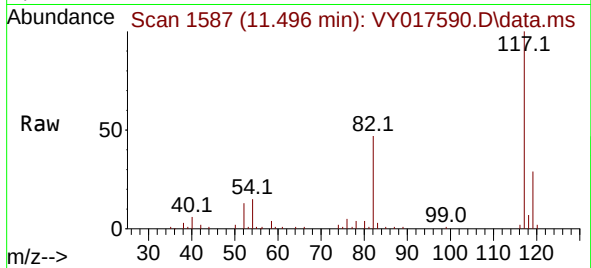




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Instrument :
MSVOA_Y
ClientSampleId :
HR-04-03052024RE

Tgt Ion:117	Resp:	21410
Ion Ratio	Lower	Upper
117	100	
82	46.7	42.4 63.6
119	29.4	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017590.D
Acq: 06 Mar 2024 14:14

Tgt Ion:152	Resp:	6806
Ion Ratio	Lower	Upper
152	100	
115	55.4	28.2 84.7
150	154.9	0.0 345.6

