

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017809.D
 Acq On : 01 Apr 2024 16:12
 Operator : SY/MD
 Sample : P1937-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 369RE

Quant Time: Apr 02 03:21:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	15496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	20841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	14143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	3006	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5246	39.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.240%
35) Dibromofluoromethane	7.722	113	6078	50.470	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.940%
50) Toluene-d8	10.191	98	21713	48.267	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.540%
62) 4-Bromofluorobenzene	12.495	95	3659	26.734	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.460%

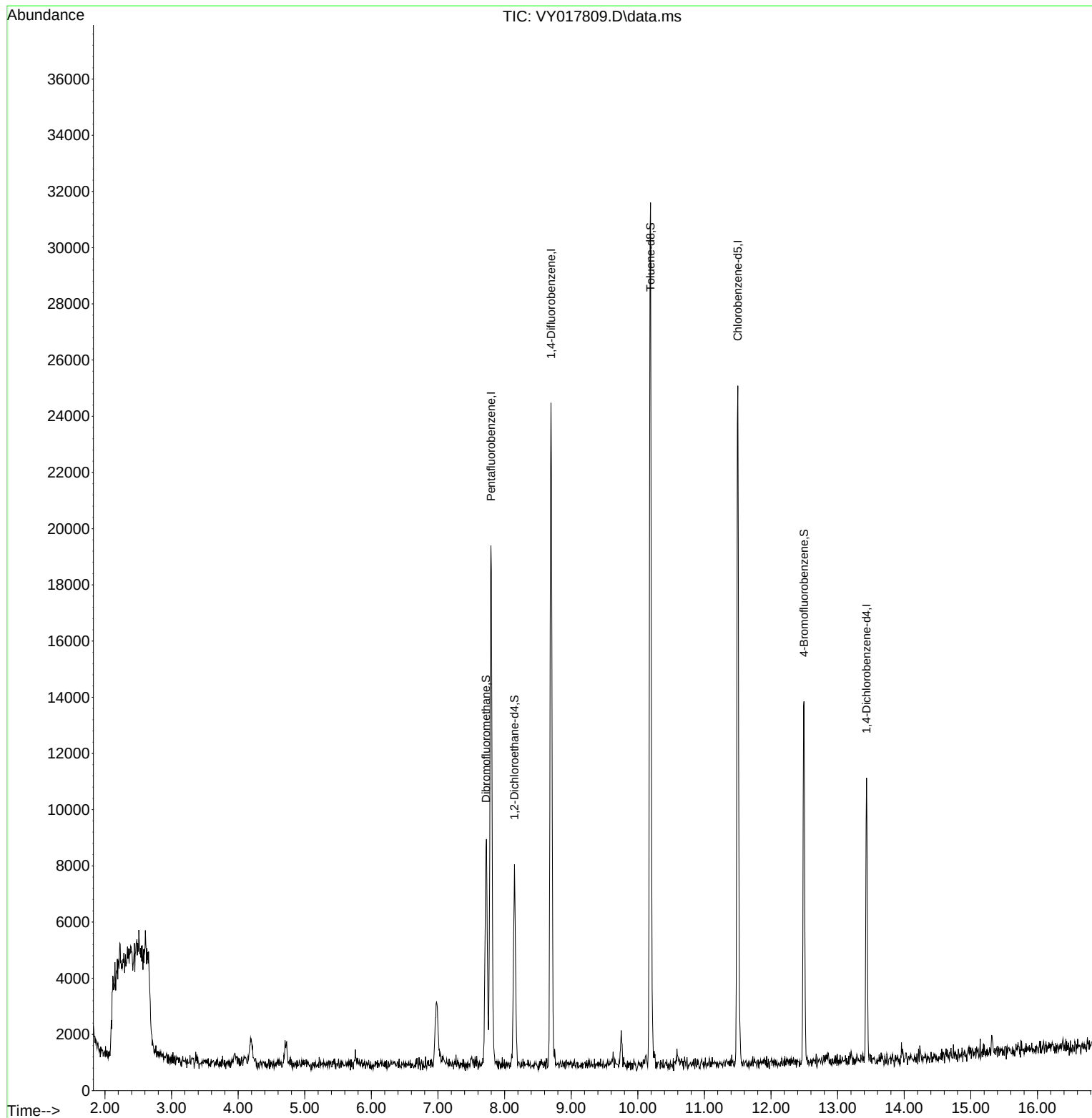
Target Compounds	Qvalue

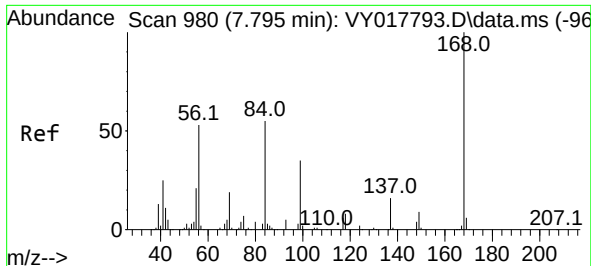
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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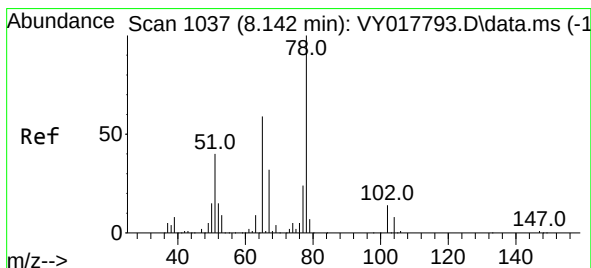
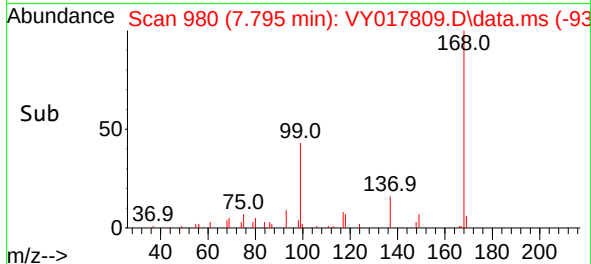
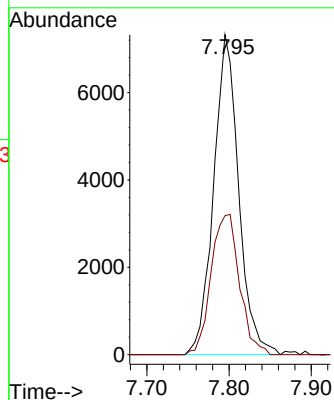
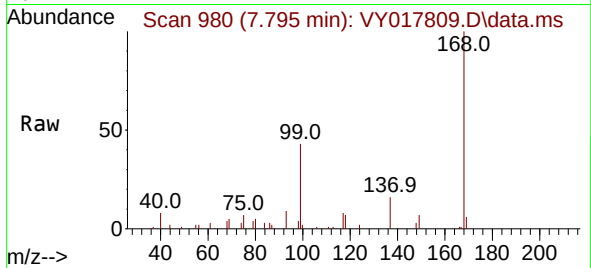




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017809.D
Acq: 01 Apr 2024 16:12

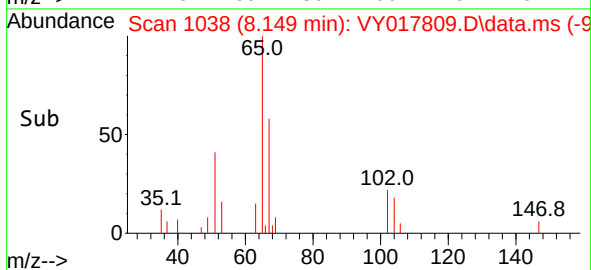
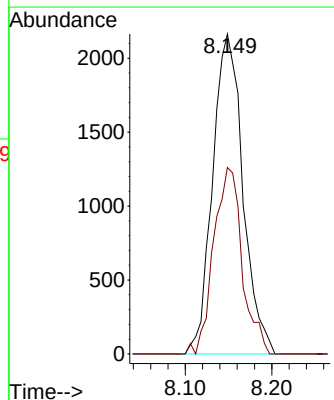
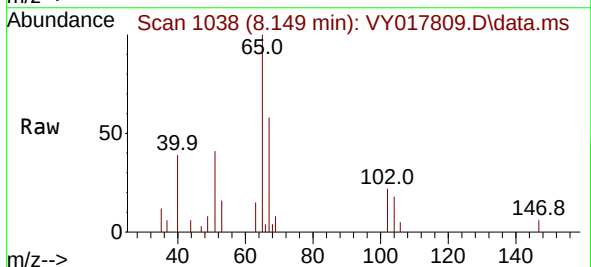
Instrument :
MSVOA_Y
ClientSampleId :
369RE

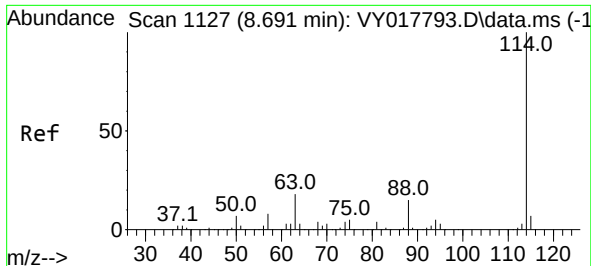
Tgt Ion:168 Resp: 15496
Ion Ratio Lower Upper
168 100
99 43.5 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 39.122 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017809.D
Acq: 01 Apr 2024 16:12

Tgt Ion: 65 Resp: 5246
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017809.D

Acq: 01 Apr 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

369RE

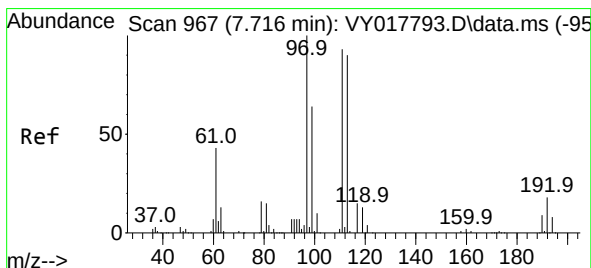
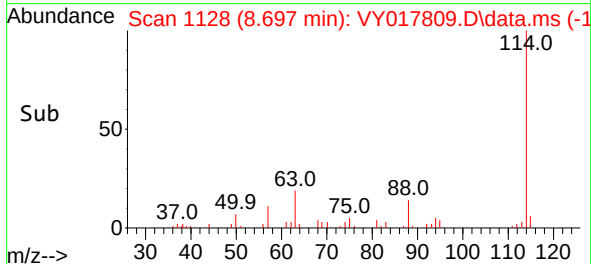
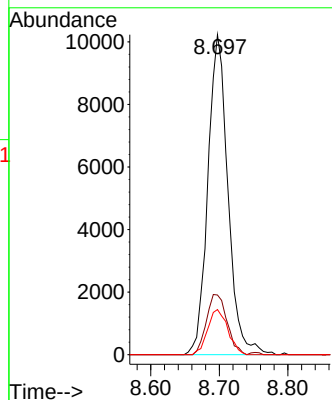
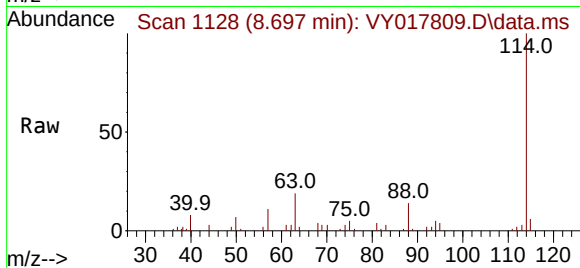
Tgt Ion:114 Resp: 20841

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.470 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017809.D

Acq: 01 Apr 2024 16:12

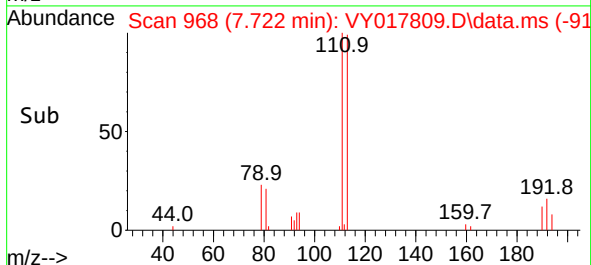
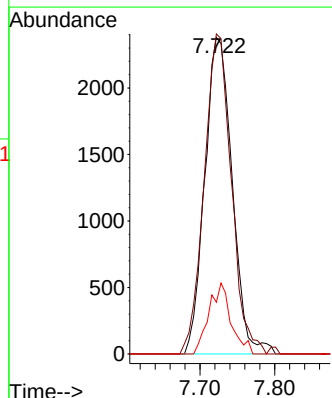
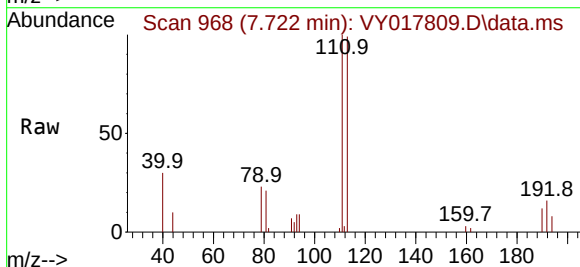
Tgt Ion:113 Resp: 6078

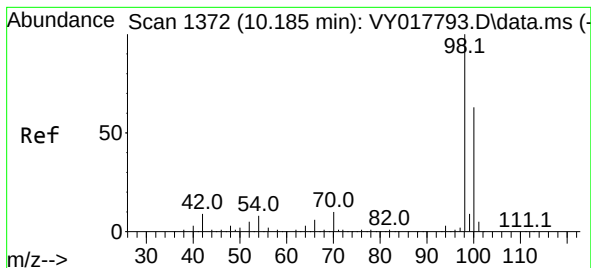
Ion Ratio Lower Upper

113 100

111 99.8 82.2 123.4

192 18.0 15.9 23.9





#50

Toluene-d8

Concen: 48.267 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017809.D

Acq: 01 Apr 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

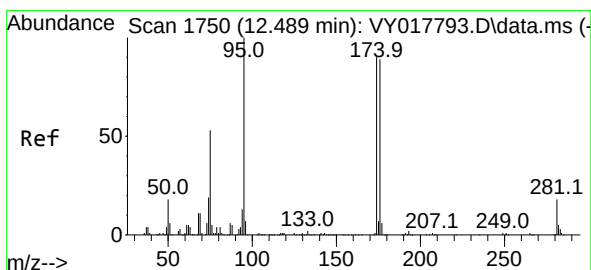
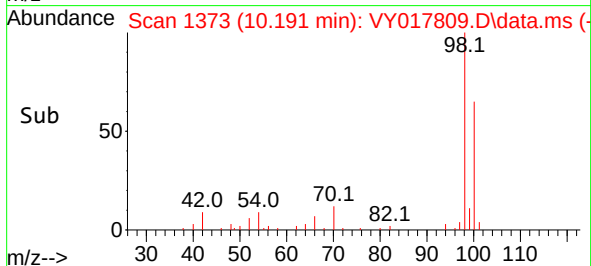
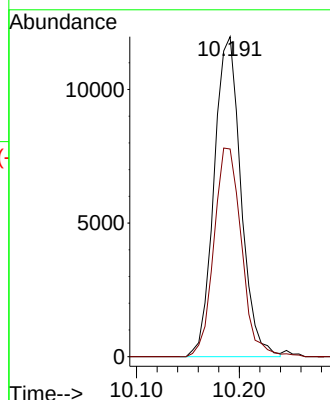
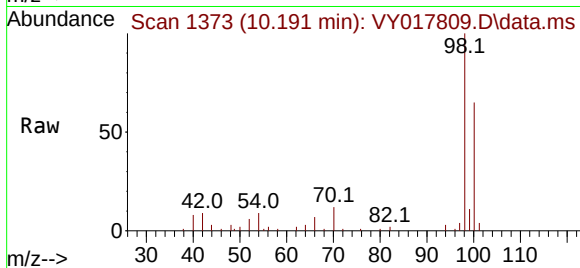
369RE

Tgt Ion: 98 Resp: 21713

Ion Ratio Lower Upper

98 100

100 67.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 26.734 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017809.D

Acq: 01 Apr 2024 16:12

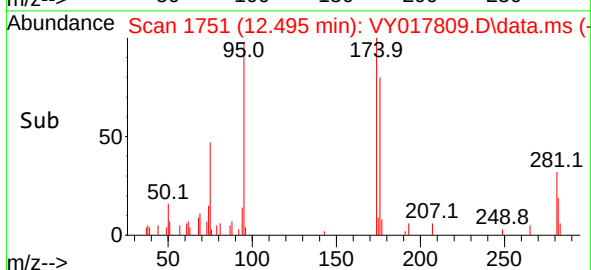
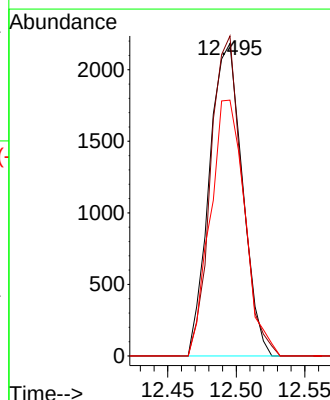
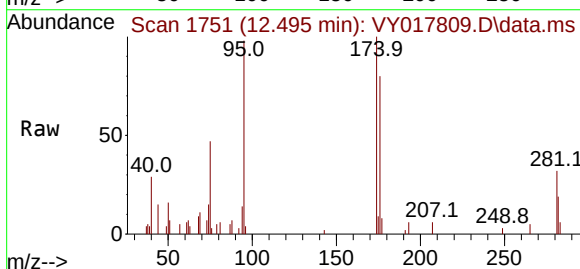
Tgt Ion: 95 Resp: 3659

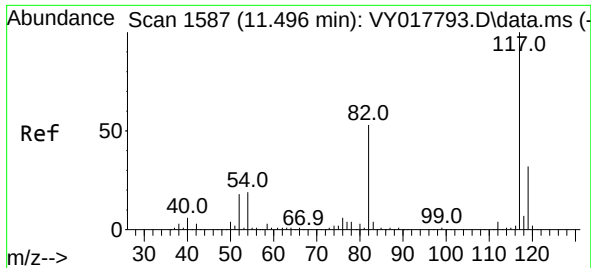
Ion Ratio Lower Upper

95 100

174 97.5 0.0 175.6

176 85.3 0.0 171.4

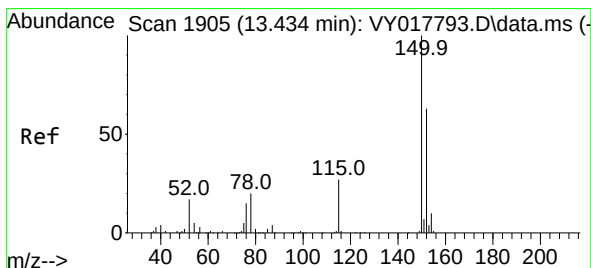
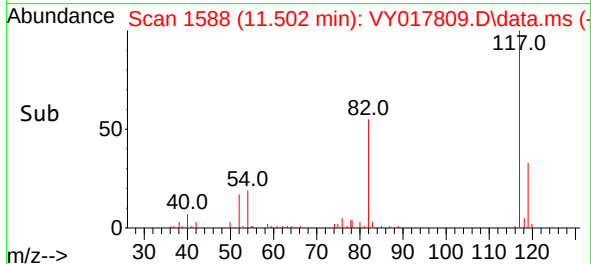
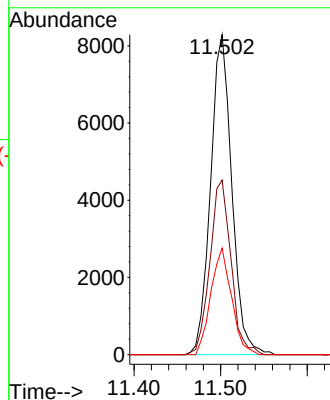
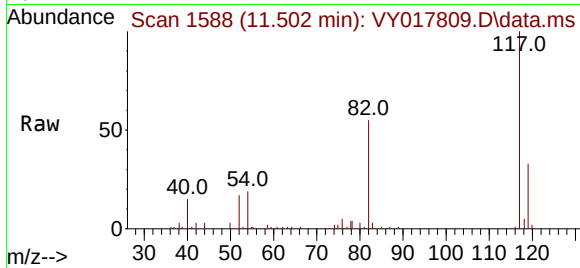




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017809.D
Acq: 01 Apr 2024 16:12

Instrument :
MSVOA_Y
ClientSampleId :
369RE

Tgt Ion:117	Resp:	14143
Ion	Ratio	Lower Upper
117	100	
82	54.5	42.4 63.6
119	33.3	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017809.D
Acq: 01 Apr 2024 16:12

Tgt Ion:152	Resp:	3006
Ion	Ratio	Lower Upper
152	100	
115	51.2	28.2 84.7
150	153.2	0.0 345.6

