

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017819.D
 Acq On : 02 Apr 2024 12:26
 Operator : SY/MD
 Sample : P1945-02RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SEW-11RE

Quant Time: Apr 03 02:04:25 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	7.801	168	37308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	57058	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	45025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	13431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	18035	55.864	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.720%	
35) Dibromofluoromethane	7.734	113	20249	61.415	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.840%	
50) Toluene-d8	10.191	98	62198	50.502	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	12.495	95	13426	35.830	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.660%	

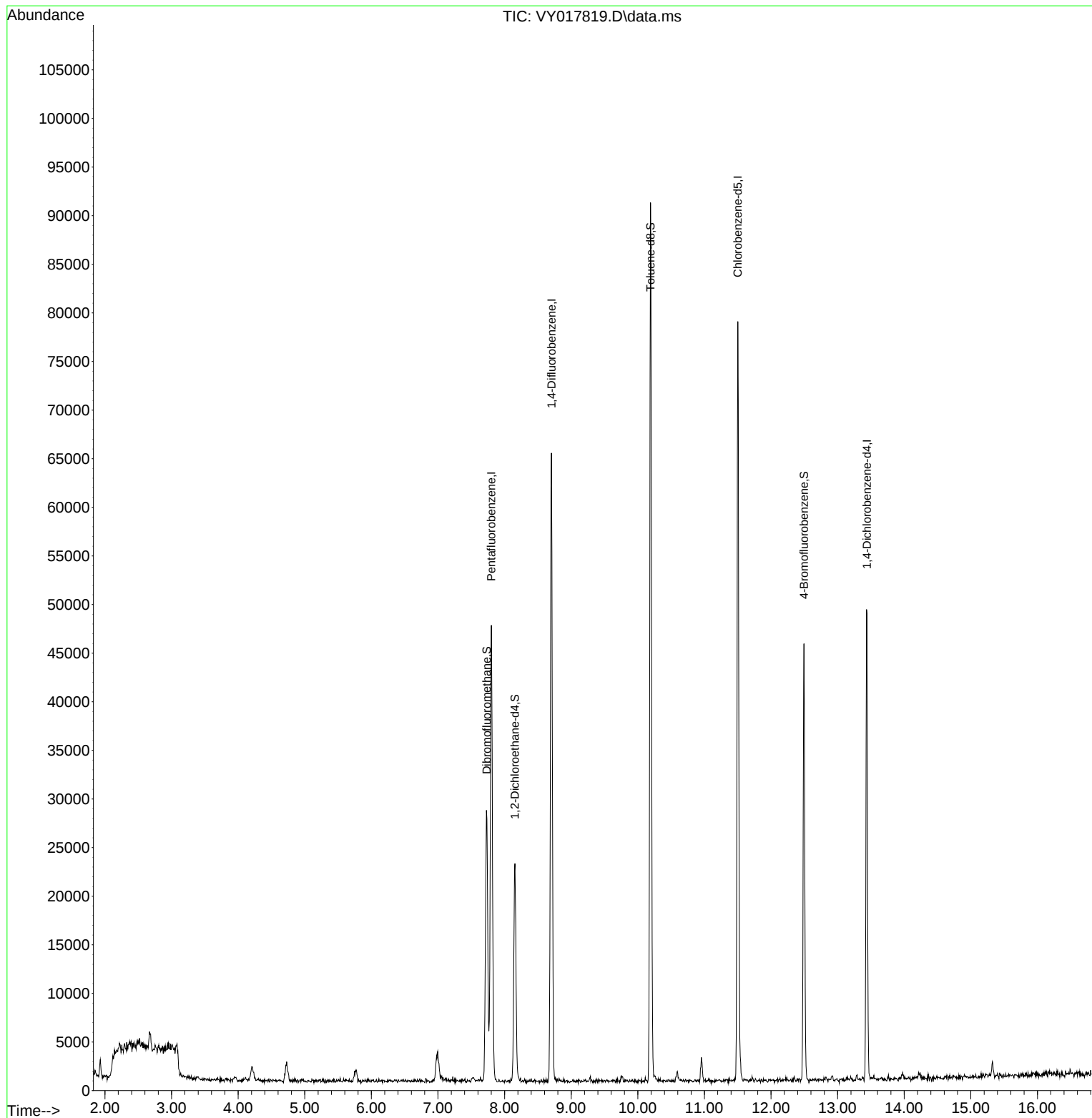
Target Compounds	Qvalue

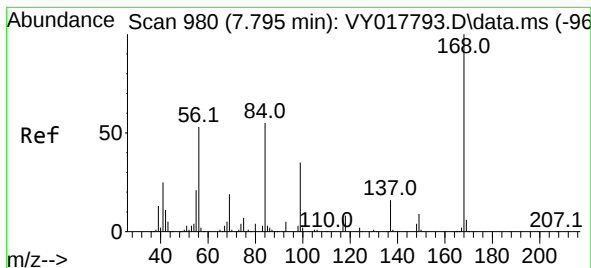
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY017819.D

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Instrument :

MSVOA_Y

ClientSampleId :

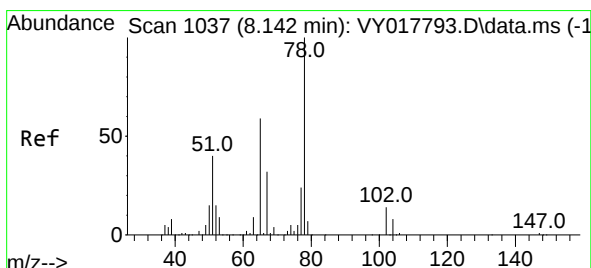
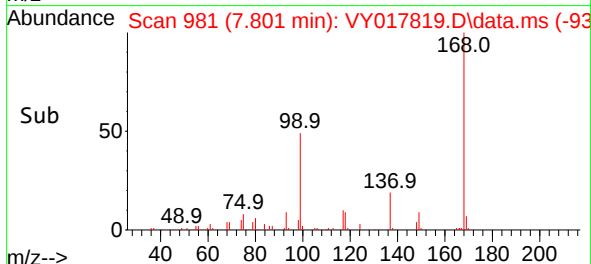
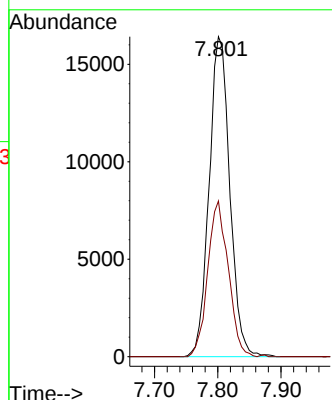
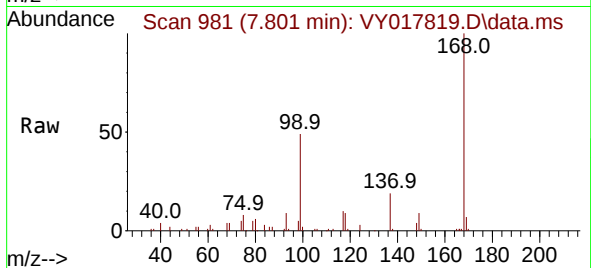
SEW-11RE

Tgt Ion:168 Resp: 37308

Ion Ratio Lower Upper

168 100

99 48.6 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 55.864 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.012 min

Lab File: VY017819.D

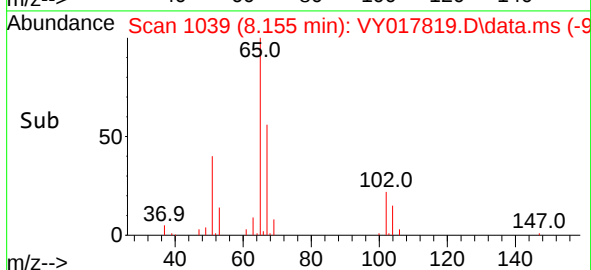
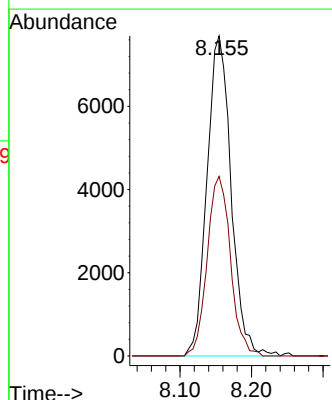
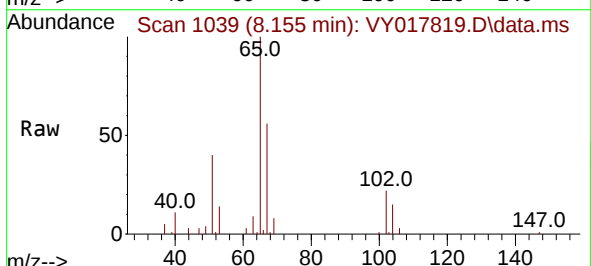
Acq: 02 Apr 2024 12:26

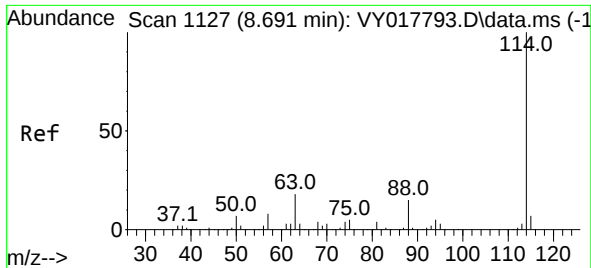
Tgt Ion: 65 Resp: 18035

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1127

Delta R.T. 0.012 min

Lab File: VY017819.D

Acq: 02 Apr 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

SEW-11RE

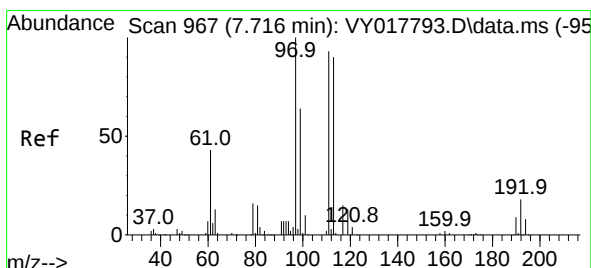
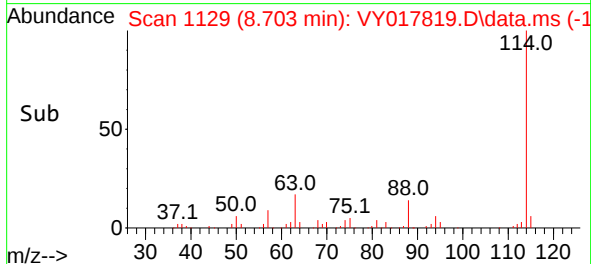
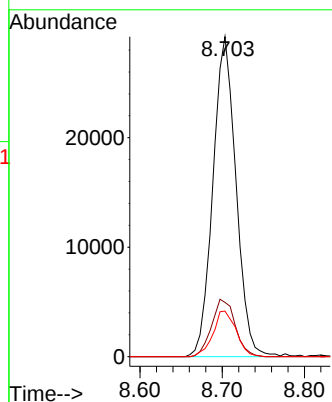
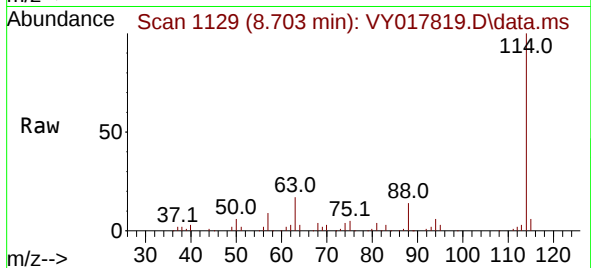
Tgt Ion:114 Resp: 57058

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 61.415 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017819.D

Acq: 02 Apr 2024 12:26

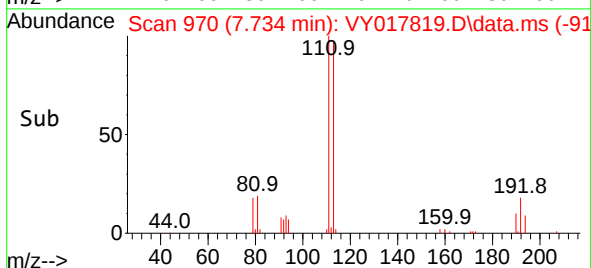
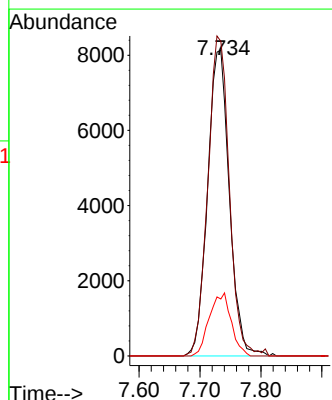
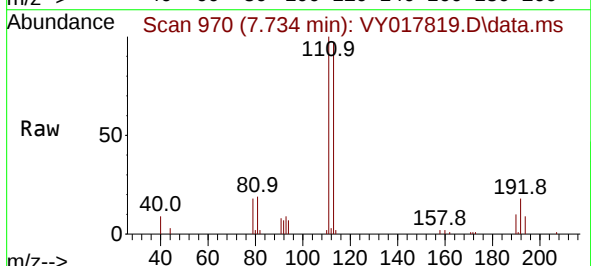
Tgt Ion:113 Resp: 20249

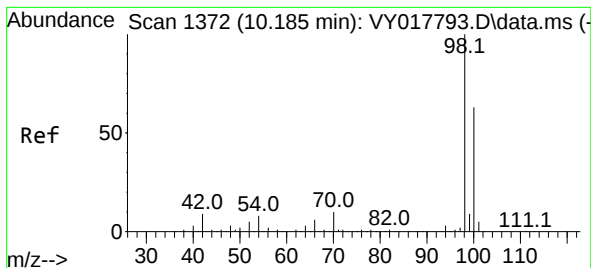
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 20.7 15.9 23.9





#50

Toluene-d8

Concen: 50.502 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017819.D

Acq: 02 Apr 2024 12:26

Instrument :

MSVOA_Y

ClientSampleId :

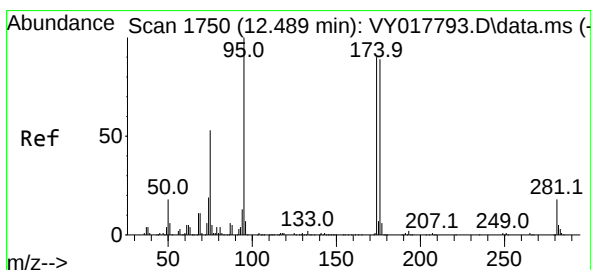
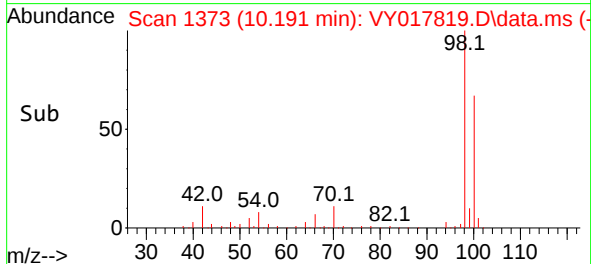
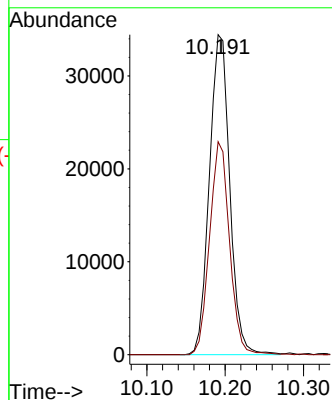
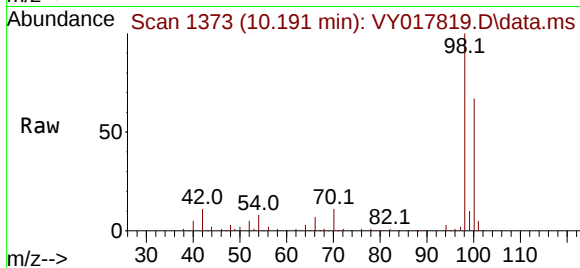
SEW-11RE

Tgt Ion: 98 Resp: 62198

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 35.830 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017819.D

Acq: 02 Apr 2024 12:26

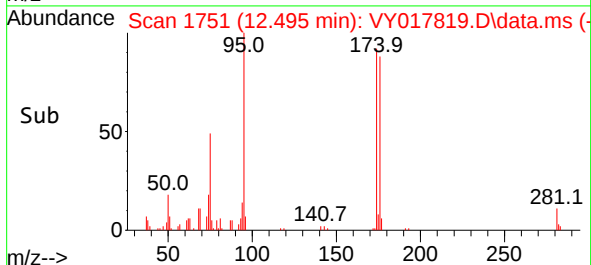
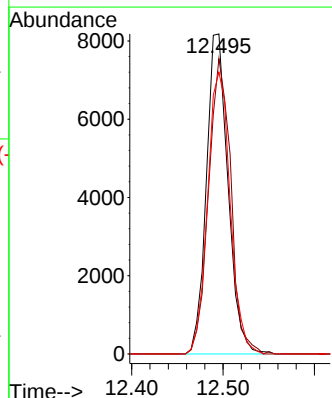
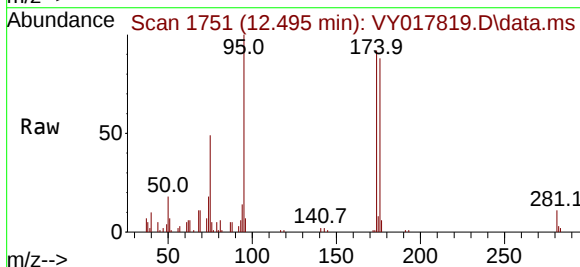
Tgt Ion: 95 Resp: 13426

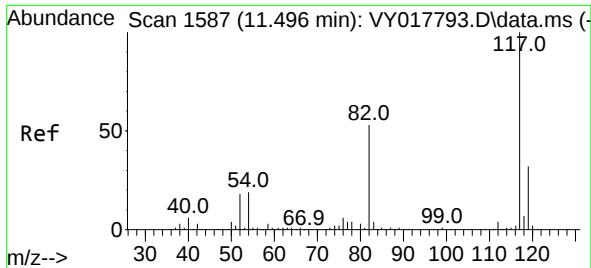
Ion Ratio Lower Upper

95 100

174 94.6 0.0 175.6

176 92.1 0.0 171.4

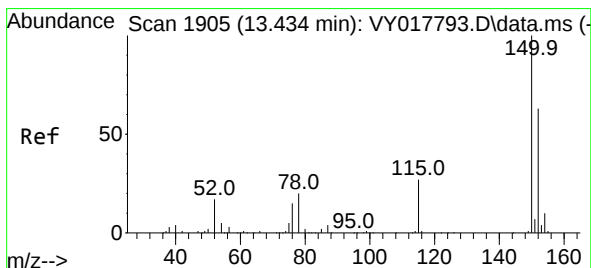
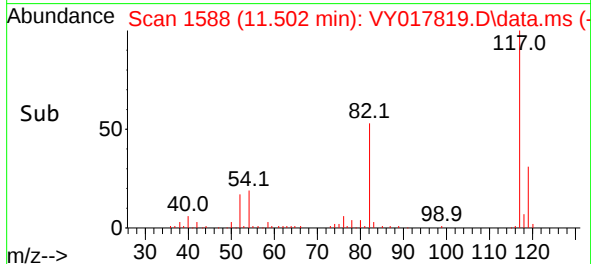
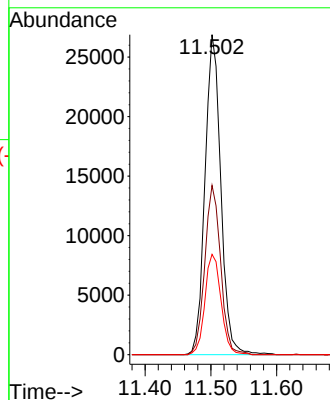
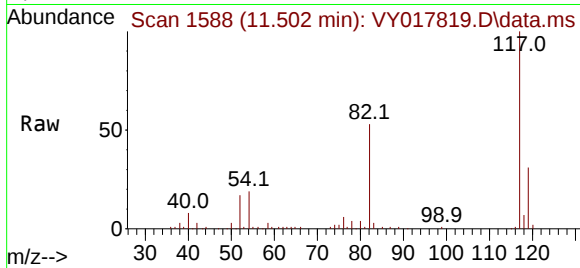




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017819.D
Acq: 02 Apr 2024 12:26

Instrument :
MSVOA_Y
ClientSampleId :
SEW-11RE

Tgt Ion:117 Resp: 45025
Ion Ratio Lower Upper
117 100
82 52.9 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017819.D
Acq: 02 Apr 2024 12:26

Tgt Ion:152 Resp: 13431
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 157.9 0.0 345.6

