

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017817.D
 Acq On : 02 Apr 2024 11:25
 Operator : SY/MD
 Sample : P1945-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SEW-11

Quant Time: Apr 03 02:03:38 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	16660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	22242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	15265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	3309	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5895	40.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.780%
35) Dibromofluoromethane	7.722	113	6369	49.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.100%
50) Toluene-d8	10.185	98	23493	48.934	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.489	95	3902	26.714	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.420%

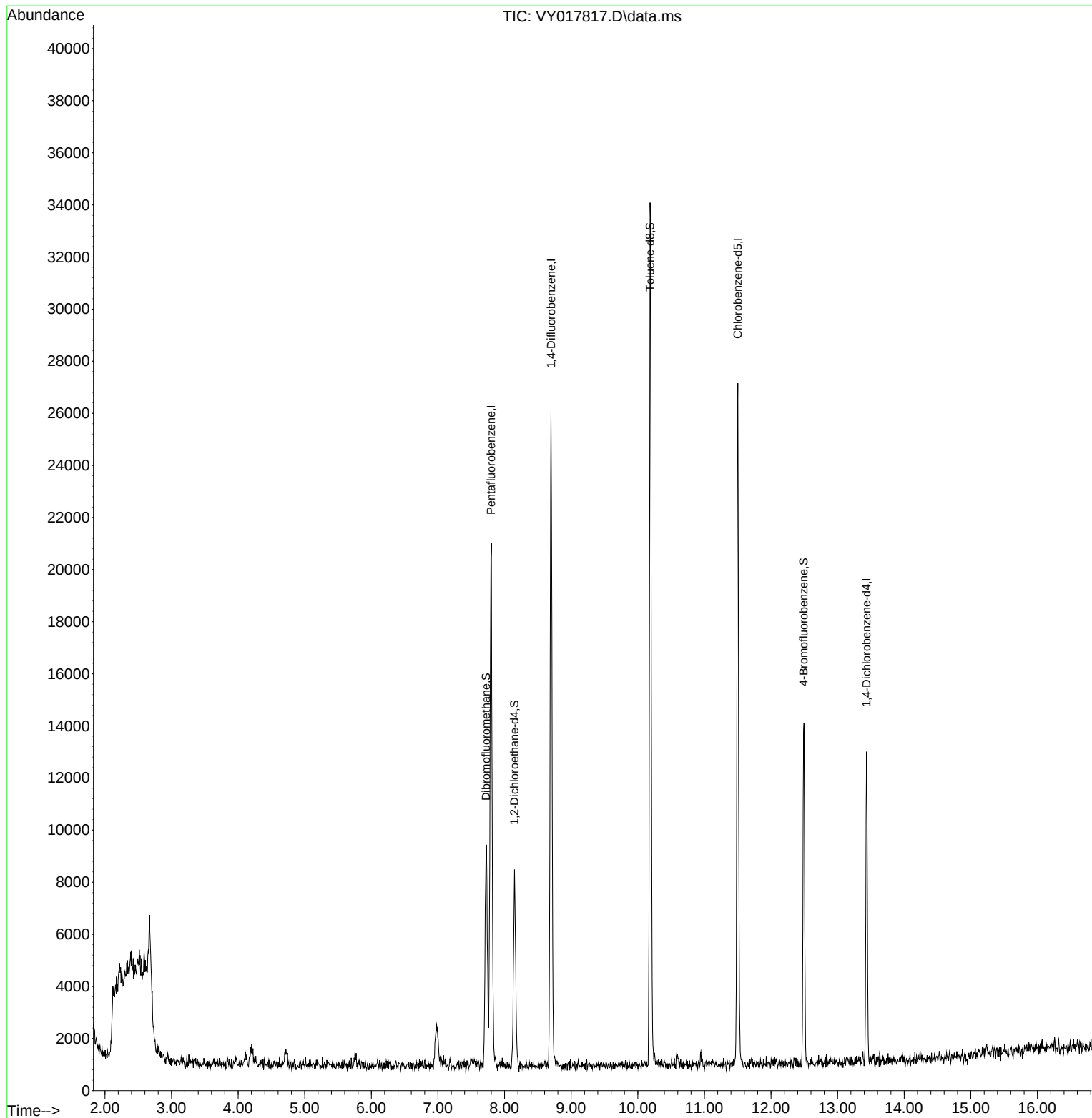
Target Compounds	Qvalue

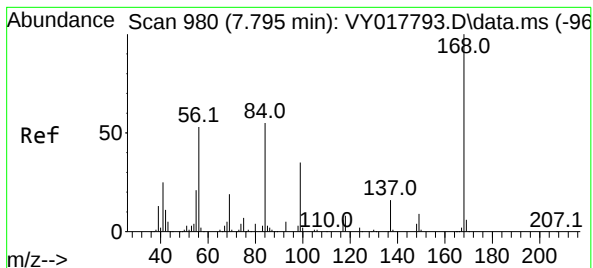
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.000 min

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Instrument :

MSVOA_Y

ClientSampleId :

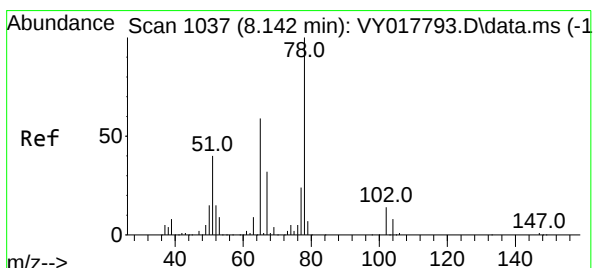
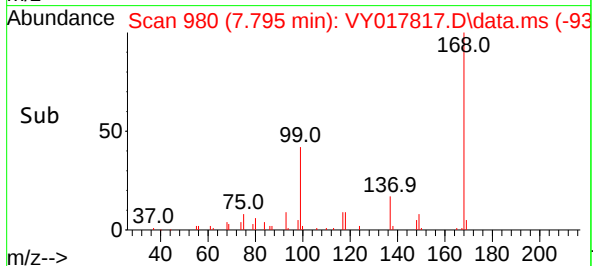
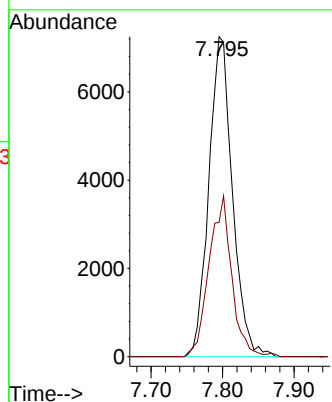
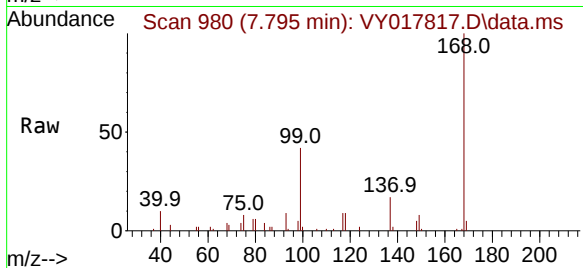
SEW-11

Tgt Ion:168 Resp: 16660

Ion Ratio Lower Upper

168 100

99 42.0 39.1 58.7



#33

1,2-Dichloroethane-d4

Concen: 40.891 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY017817.D

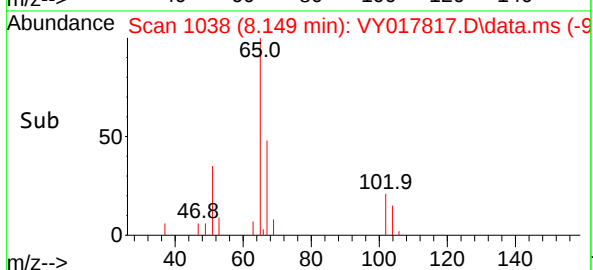
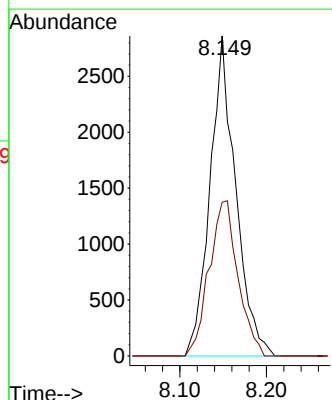
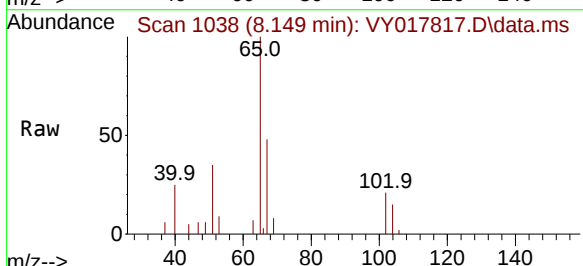
Acq: 02 Apr 2024 11:25

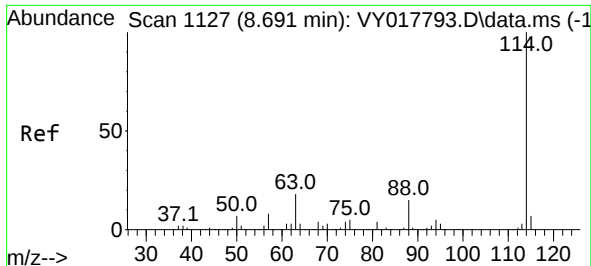
Tgt Ion: 65 Resp: 5895

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017817.D

Acq: 02 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

SEW-11

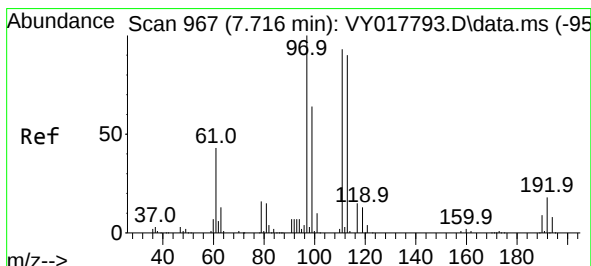
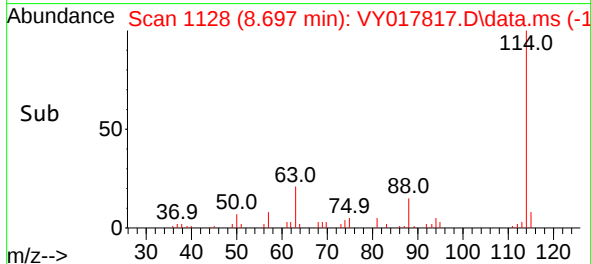
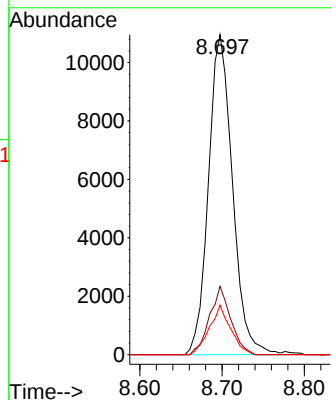
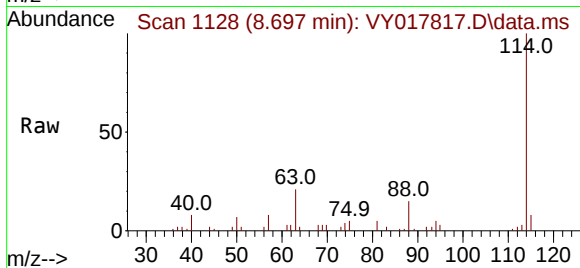
Tgt Ion:114 Resp: 22242

Ion Ratio Lower Upper

114 100

63 21.3 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.555 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017817.D

Acq: 02 Apr 2024 11:25

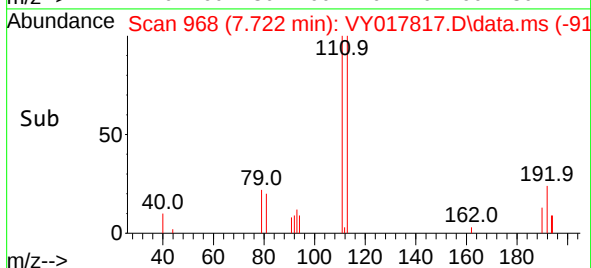
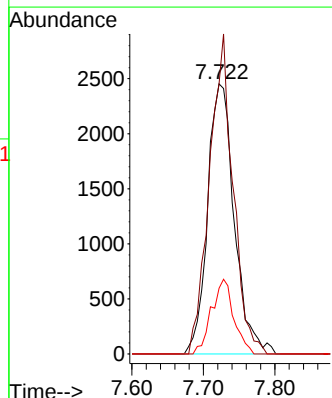
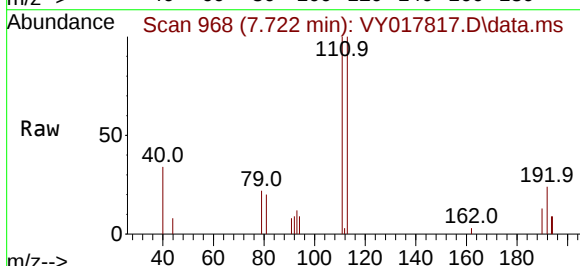
Tgt Ion:113 Resp: 6369

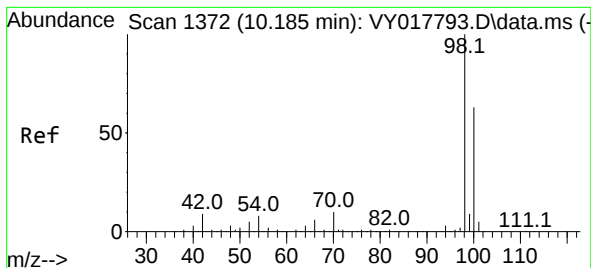
Ion Ratio Lower Upper

113 100

111 104.7 82.2 123.4

192 23.1 15.9 23.9





#50

Toluene-d8

Concen: 48.934 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017817.D

Acq: 02 Apr 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

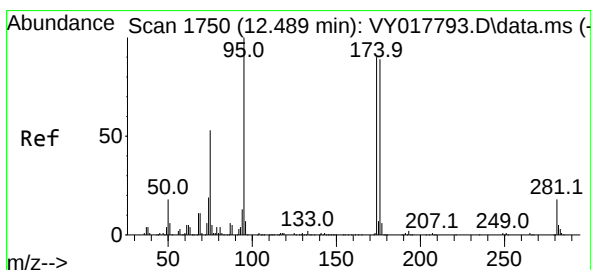
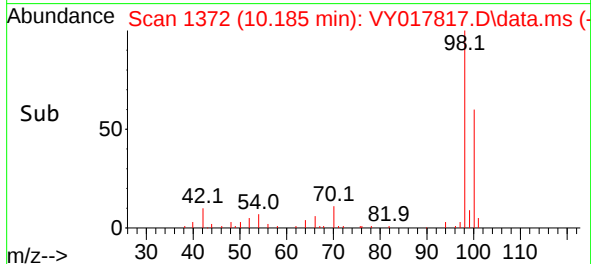
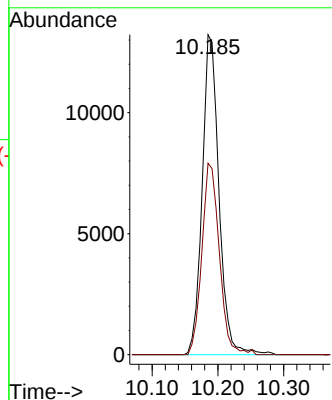
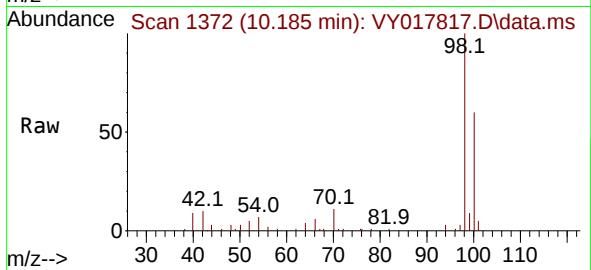
SEW-11

Tgt Ion: 98 Resp: 23493

Ion Ratio Lower Upper

98 100

100 62.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 26.714 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017817.D

Acq: 02 Apr 2024 11:25

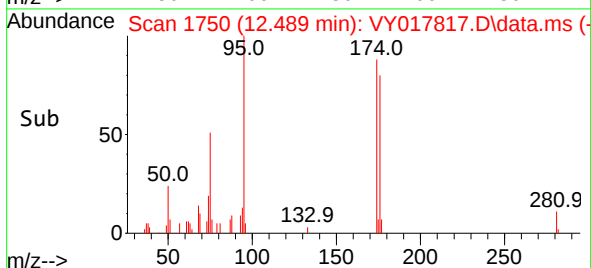
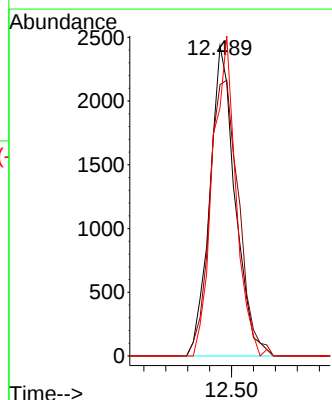
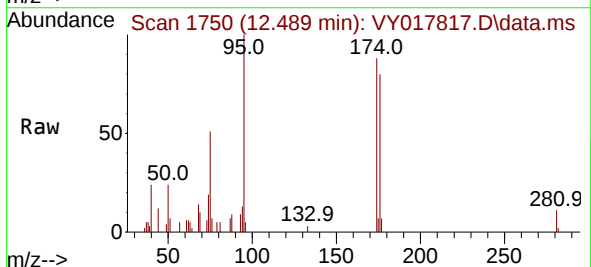
Tgt Ion: 95 Resp: 3902

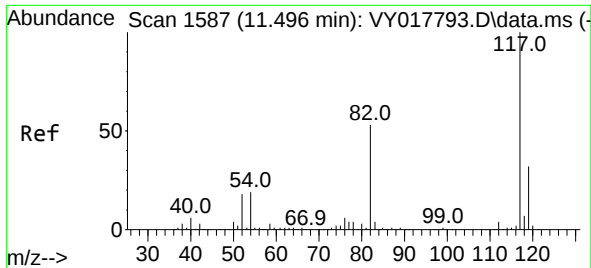
Ion Ratio Lower Upper

95 100

174 101.8 0.0 175.6

176 94.5 0.0 171.4

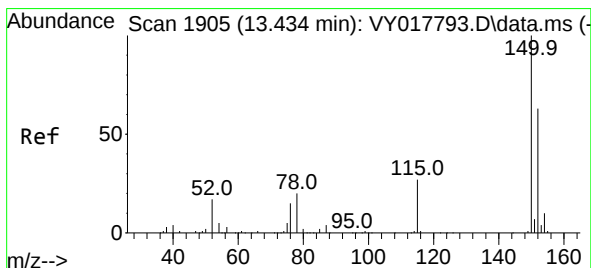
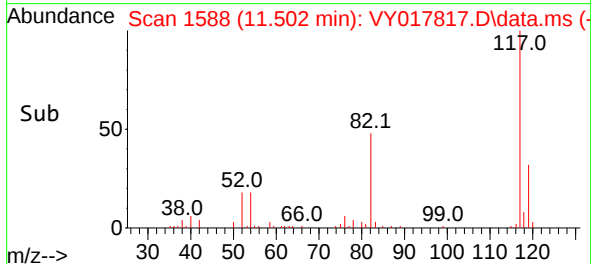
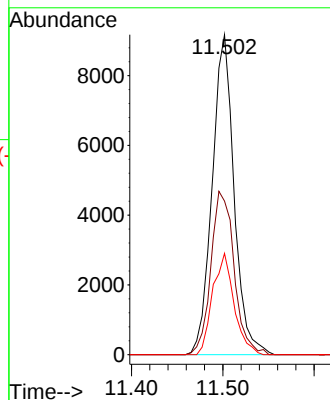
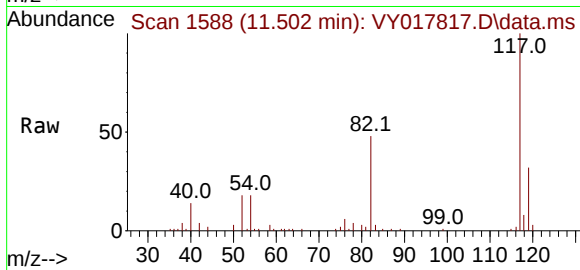




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017817.D
Acq: 02 Apr 2024 11:25

Instrument :
MSVOA_Y
ClientSampleId :
SEW-11

Tgt Ion:117	Resp:	15265
Ion Ratio	Lower	Upper
117	100	
82	48.0	42.4 63.6
119	31.6	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: VY017817.D
Acq: 02 Apr 2024 11:25

Tgt Ion:152	Resp:	3309
Ion Ratio	Lower	Upper
152	100	
115	61.3	28.2 84.7
150	164.2	0.0 345.6

