

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017726.D
 Acq On : 20 Mar 2024 15:07
 Operator : SY/MD
 Sample : P1817-02
 Misc : 1.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-148-SB03

Quant Time: Mar 21 03:14:43 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	110037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	204138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	174525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	58903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	51679	49.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.120%
35) Dibromofluoromethane	7.722	113	64573	45.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.780%
50) Toluene-d8	10.191	98	235539	47.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.489	95	57137	36.554	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.100%

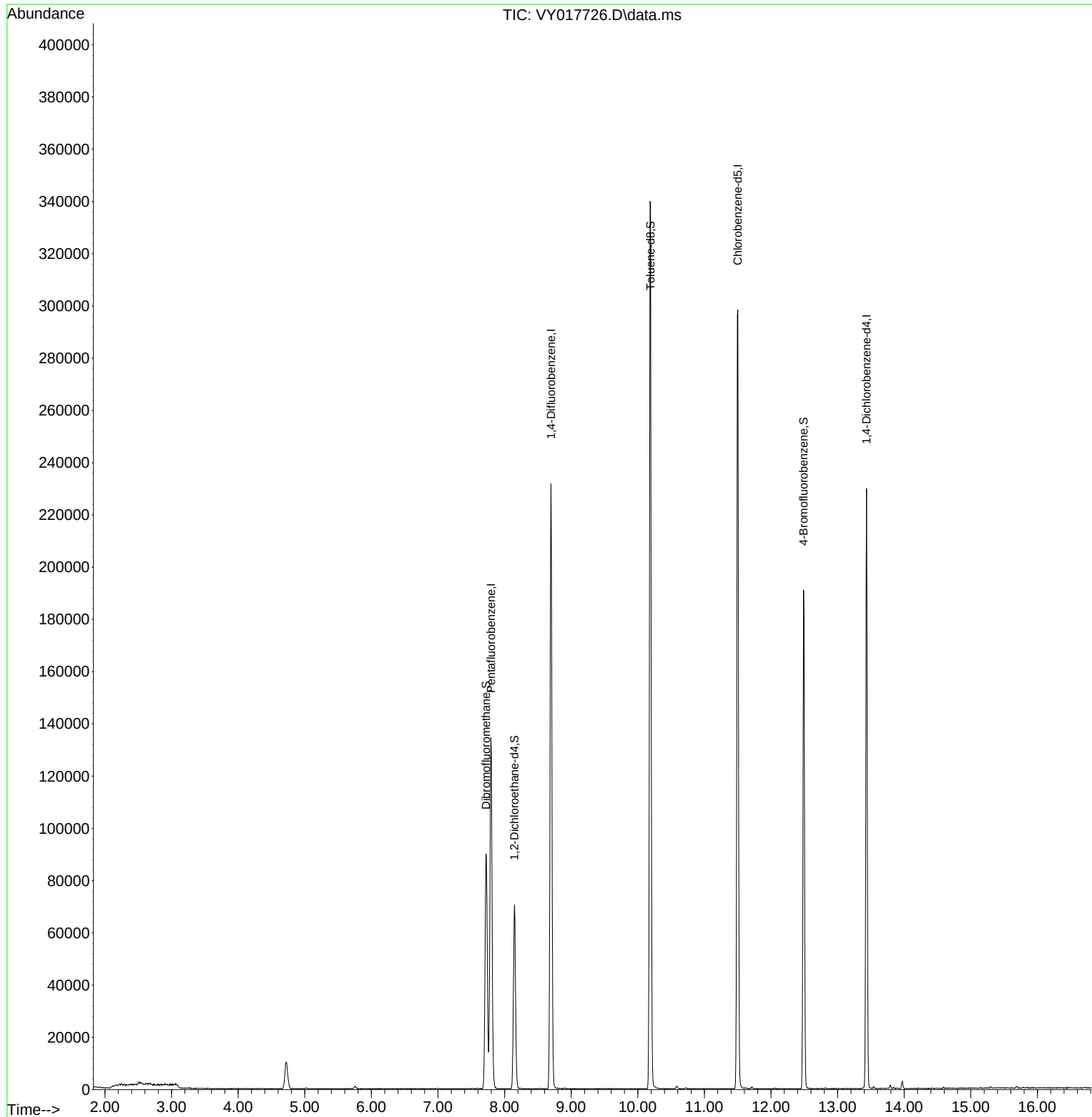
Target Compounds	Qvalue

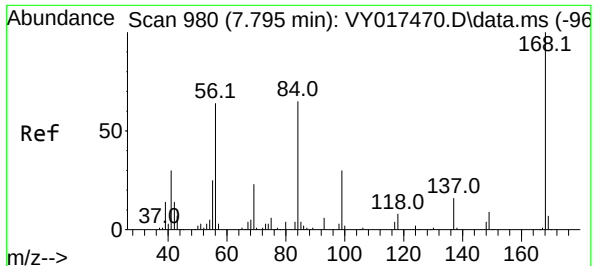
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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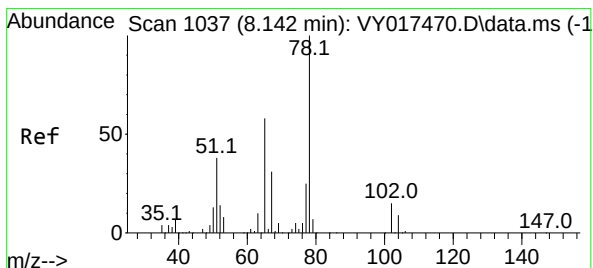
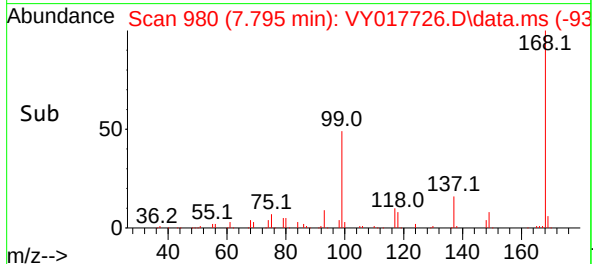
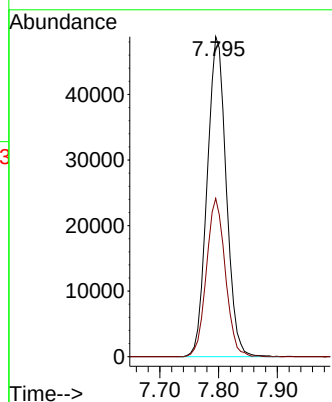
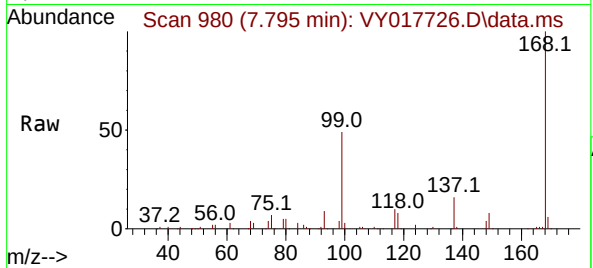




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017726.D
Acq: 20 Mar 2024 15:07

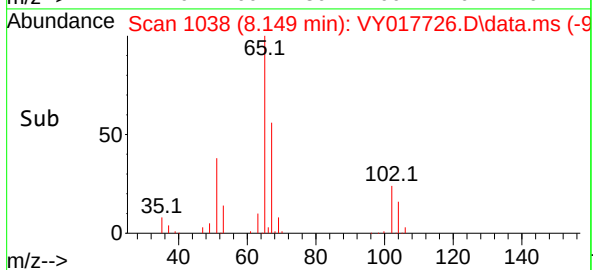
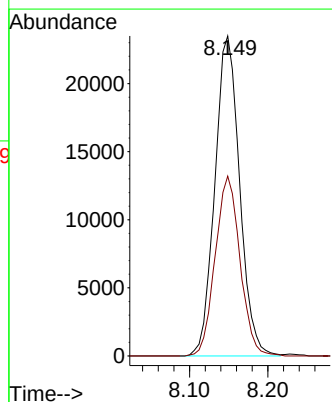
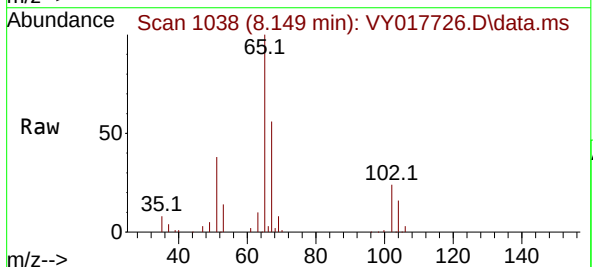
Instrument :
MSVOA_Y
ClientSampleId :
B-148-SB03

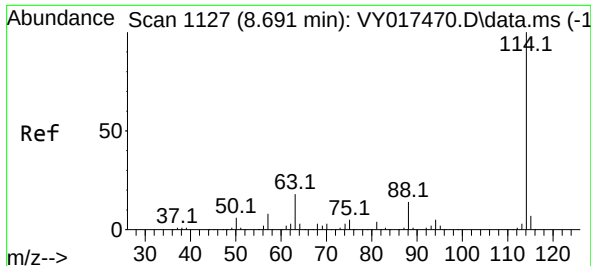
Tgt Ion:168 Resp: 110037
Ion Ratio Lower Upper
168 100
99 49.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.555 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017726.D
Acq: 20 Mar 2024 15:07

Tgt Ion: 65 Resp: 51679
Ion Ratio Lower Upper
65 100
67 56.2 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: VY017726.D

Acq: 20 Mar 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

B-148-SB03

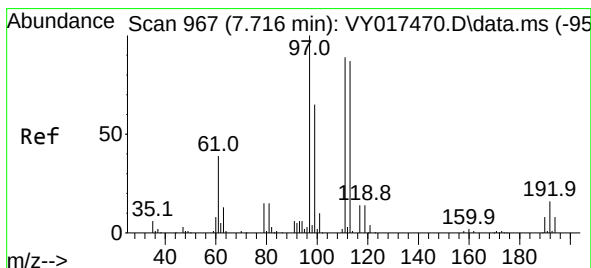
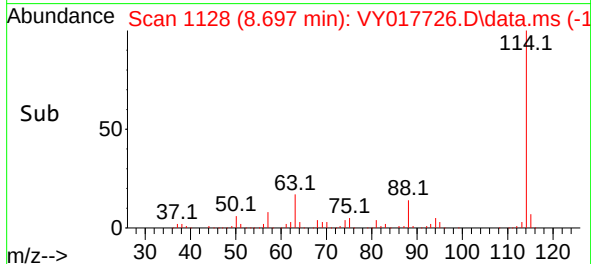
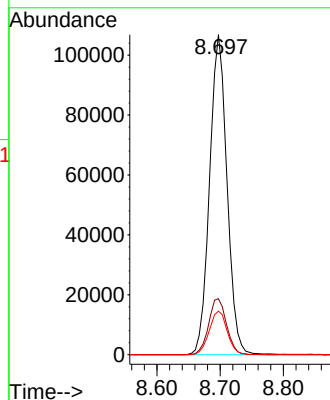
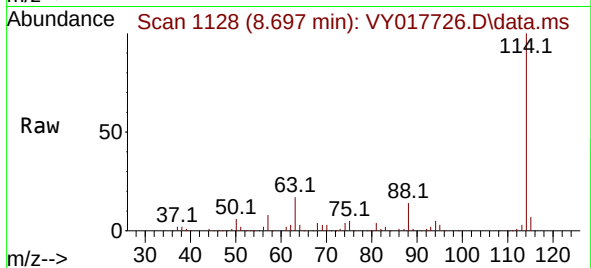
Tgt Ion:114 Resp: 204138

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.394 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017726.D

Acq: 20 Mar 2024 15:07

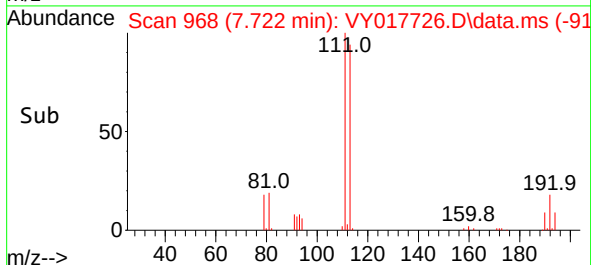
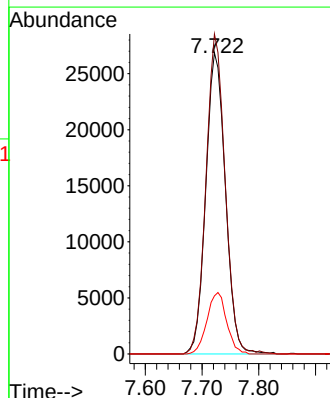
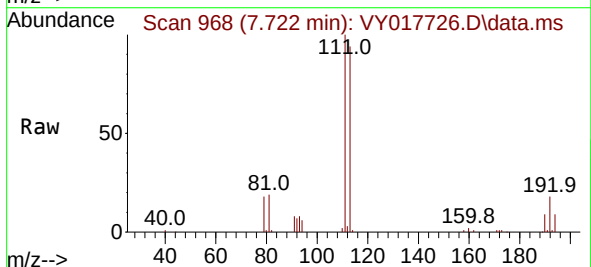
Tgt Ion:113 Resp: 64573

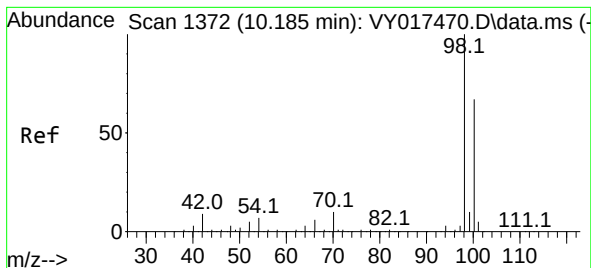
Ion Ratio Lower Upper

113 100

111 103.9 82.2 123.4

192 20.4 15.9 23.9





#50

Toluene-d8

Concen: 47.358 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017726.D

Acq: 20 Mar 2024 15:07

Instrument :

MSVOA_Y

ClientSampleId :

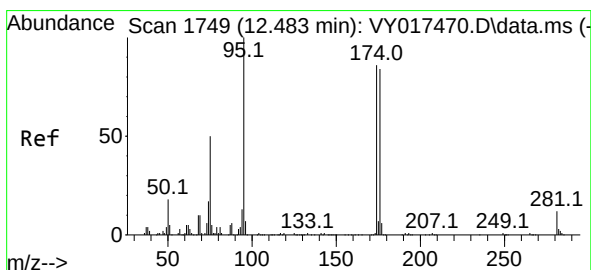
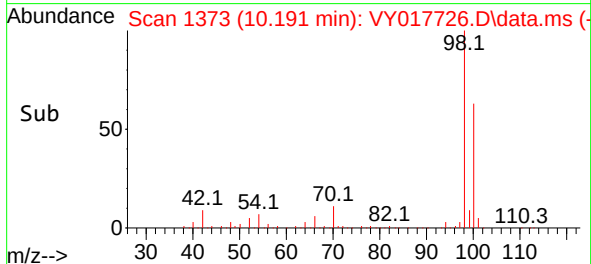
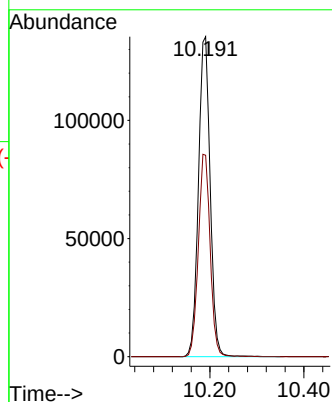
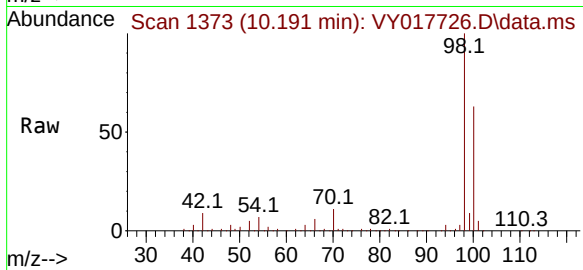
B-148-SB03

Tgt Ion: 98 Resp: 235539

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 36.554 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017726.D

Acq: 20 Mar 2024 15:07

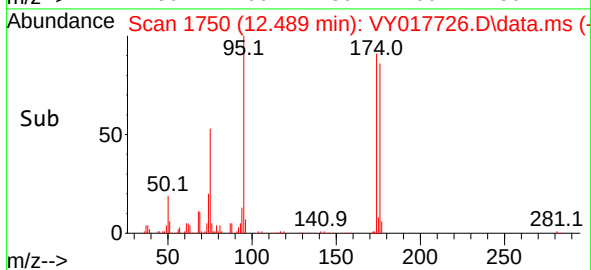
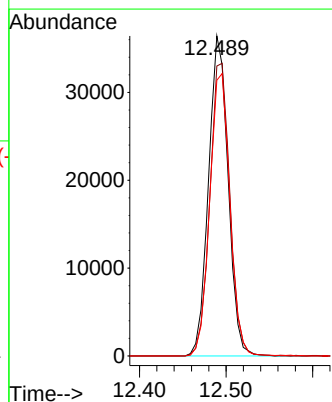
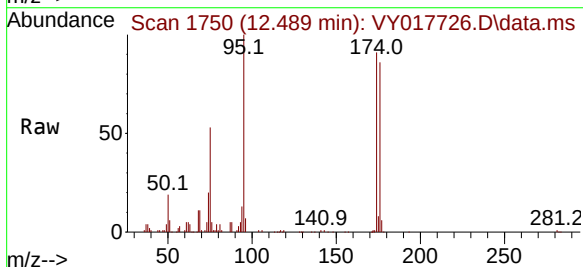
Tgt Ion: 95 Resp: 57137

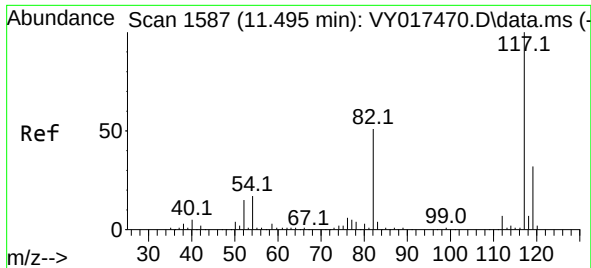
Ion Ratio Lower Upper

95 100

174 93.7 0.0 175.6

176 91.2 0.0 171.4

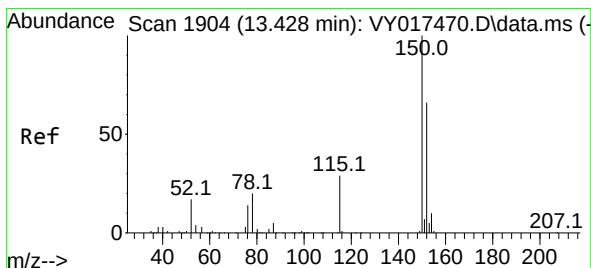
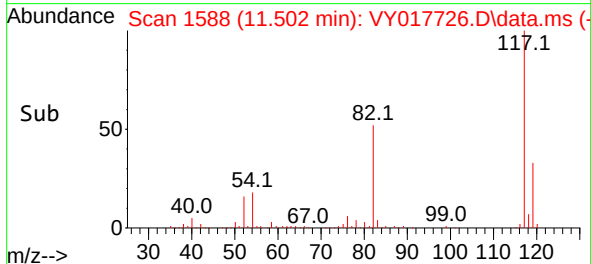
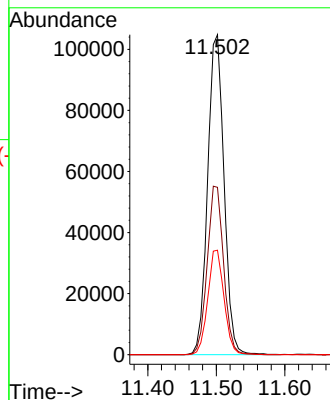
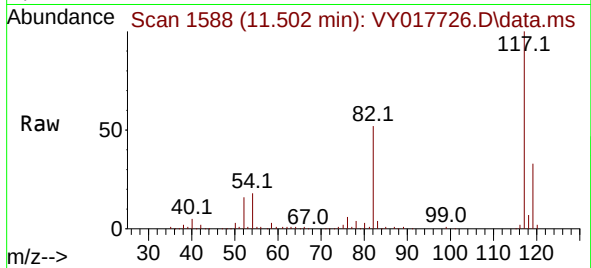




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017726.D
Acq: 20 Mar 2024 15:07

Instrument :
MSVOA_Y
ClientSampleId :
B-148-SB03

Tgt Ion:117 Resp: 174525
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017726.D
Acq: 20 Mar 2024 15:07

Tgt Ion:152 Resp: 58903
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 158.6 0.0 345.6

