

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040124\
 Data File : VY017804.D
 Acq On : 01 Apr 2024 12:59
 Operator : SY/MD
 Sample : P1936-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-032924

Quant Time: Apr 02 03:19:29 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	160268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	301815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	264976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	91563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	92889	66.978	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.960%
35) Dibromofluoromethane	7.722	113	97165	55.713	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.420%
50) Toluene-d8	10.185	98	356655	54.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.500%
62) 4-Bromofluorobenzene	12.489	95	89595	45.202	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.400%

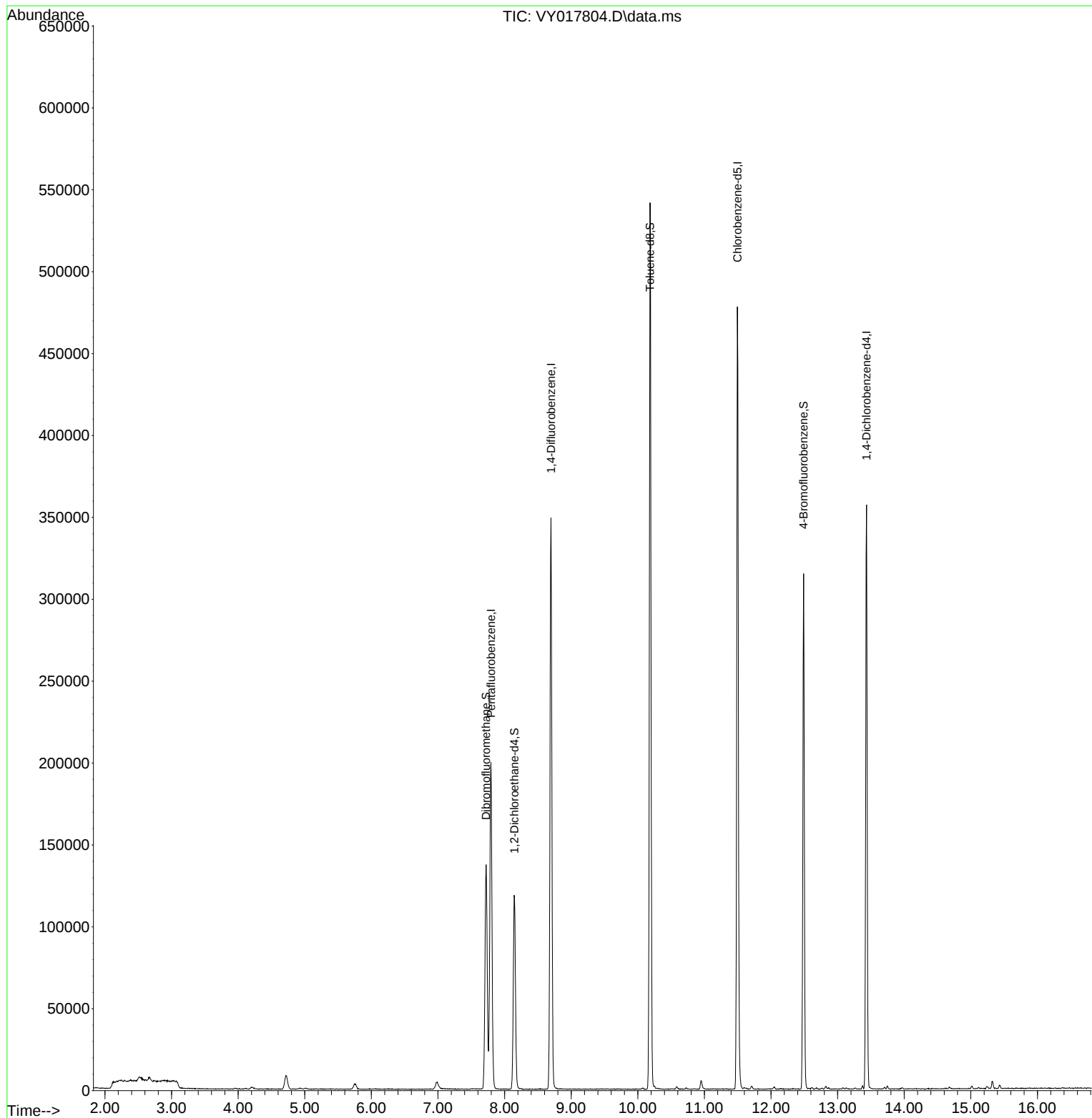
Target Compounds	Qvalue

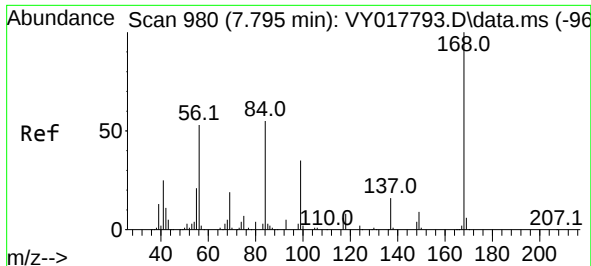
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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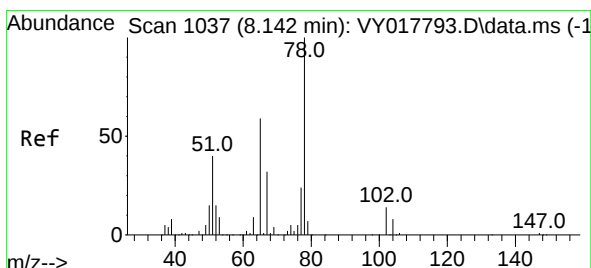
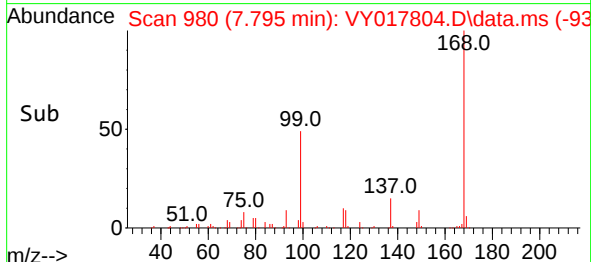
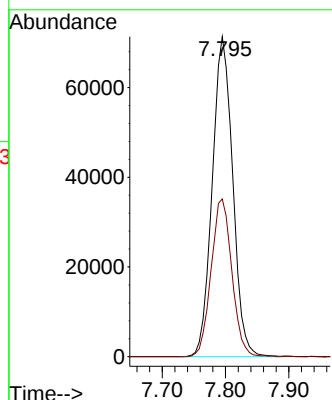
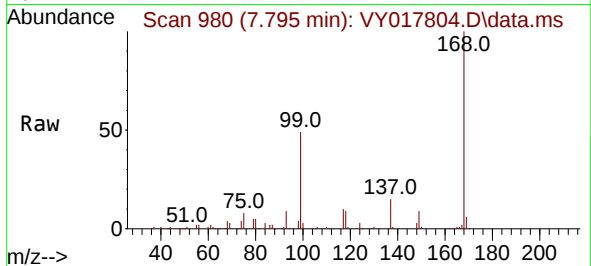




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017804.D
Acq: 01 Apr 2024 12:59

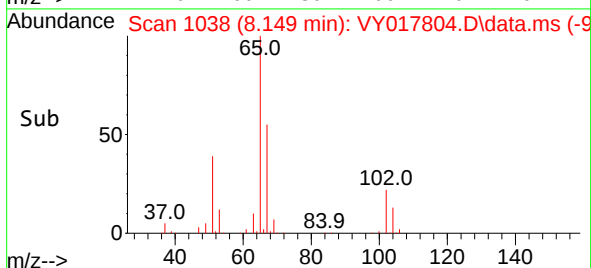
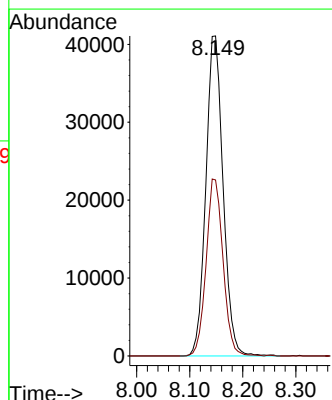
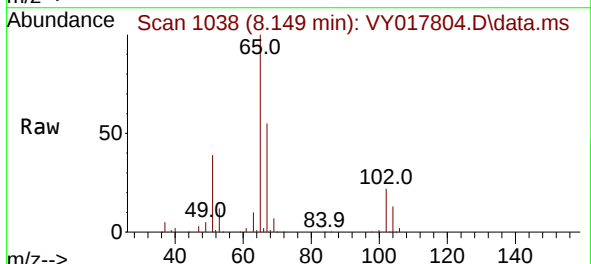
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-032924

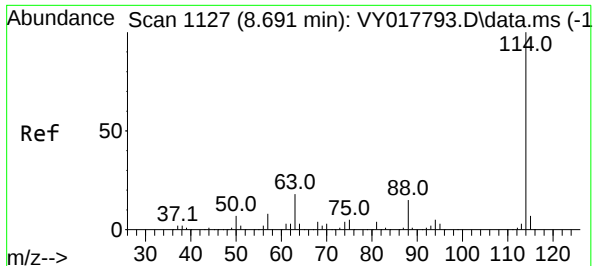
Tgt Ion:168 Resp: 160268
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 66.978 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017804.D
Acq: 01 Apr 2024 12:59

Tgt Ion: 65 Resp: 92889
Ion Ratio Lower Upper
65 100
67 54.2 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: VY017804.D

Acq: 01 Apr 2024 12:59

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-032924

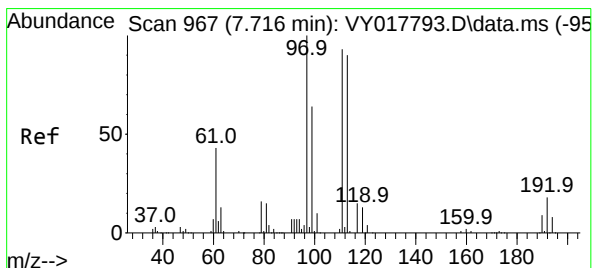
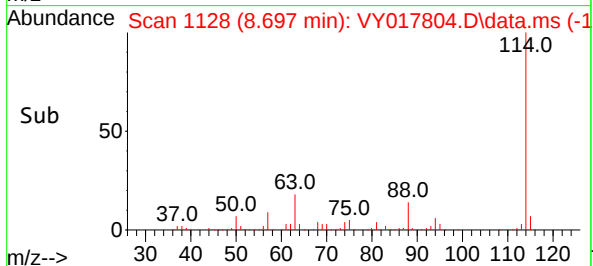
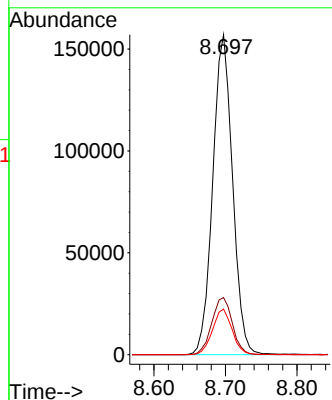
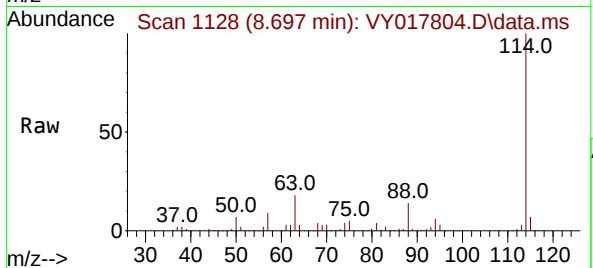
Tgt Ion:114 Resp: 301815

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.713 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017804.D

Acq: 01 Apr 2024 12:59

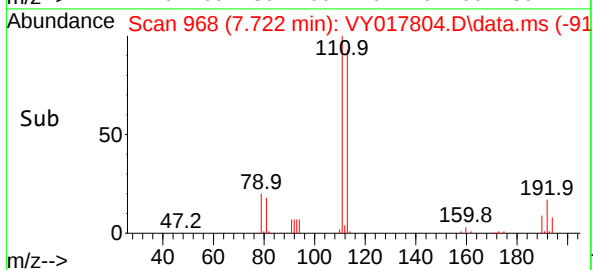
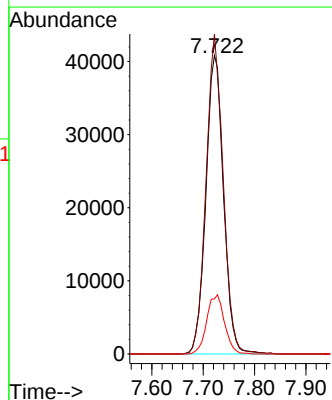
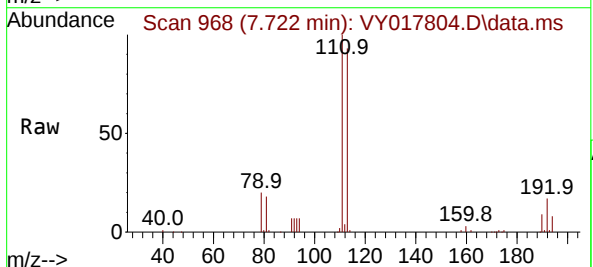
Tgt Ion:113 Resp: 97165

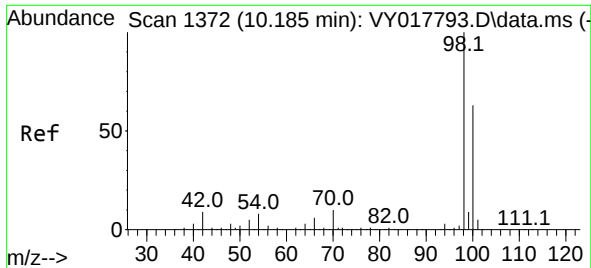
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 20.0 15.9 23.9

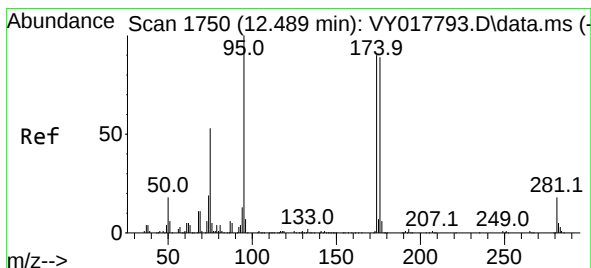
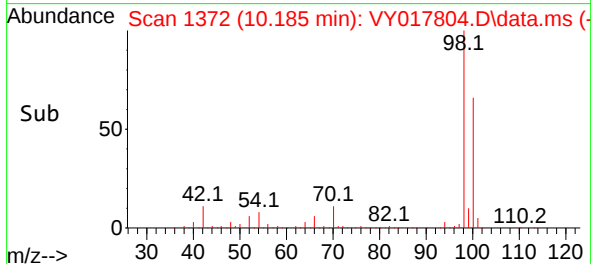
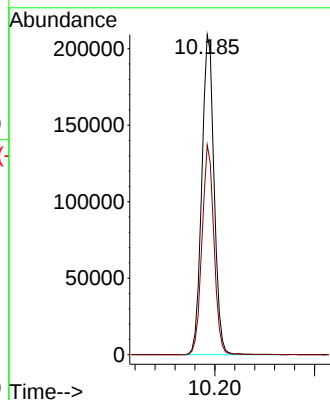
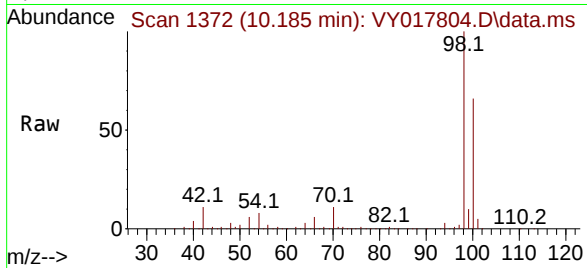




#50
Toluene-d8
Concen: 54.746 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017804.D
Acq: 01 Apr 2024 12:59

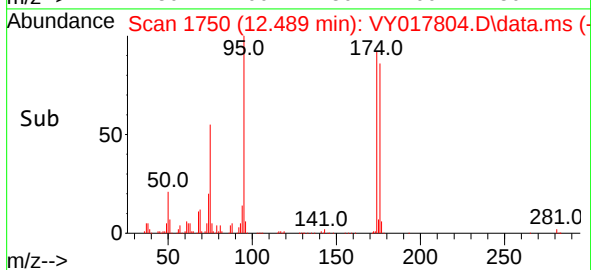
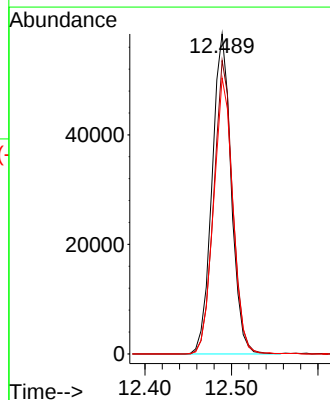
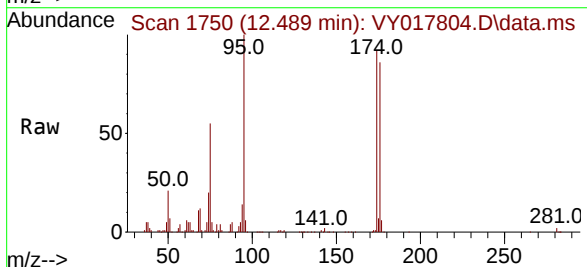
Instrument :
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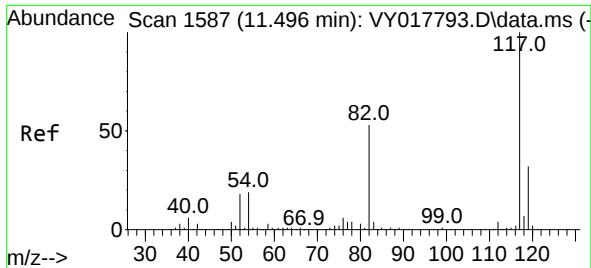
Tgt Ion: 98 Resp: 356655
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.202 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017804.D
Acq: 01 Apr 2024 12:59

Tgt Ion: 95 Resp: 89595
Ion Ratio Lower Upper
95 100
174 90.8 0.0 175.6
176 87.0 0.0 171.4

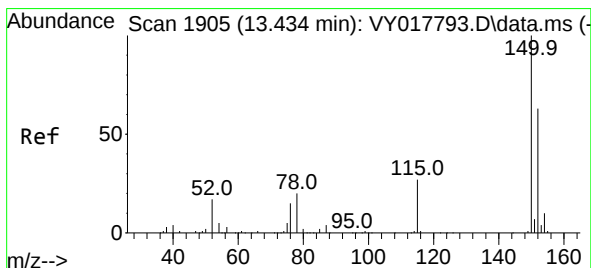
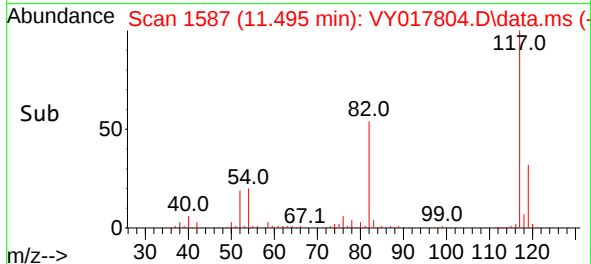
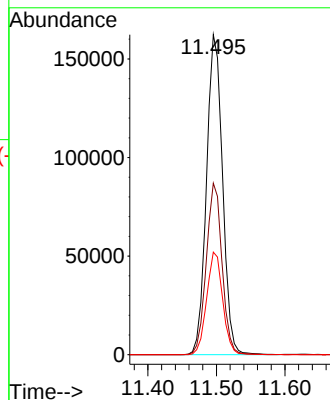
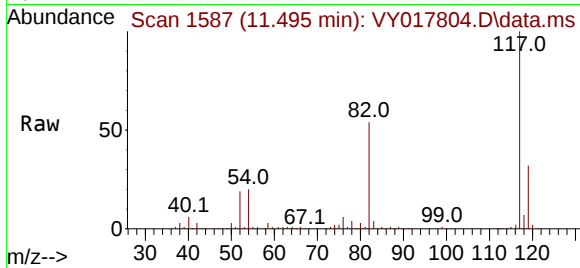




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017804.D
Acq: 01 Apr 2024 12:59

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-032924

Tgt Ion:117 Resp: 264976
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 32.0 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: VY017804.D
Acq: 01 Apr 2024 12:59

Tgt Ion:152 Resp: 91563
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 159.7 0.0 345.6

