

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017777.D
 Acq On : 27 Mar 2024 13:25
 Operator : SY/MD
 Sample : VY0327SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBL01

Quant Time: Mar 28 02:15:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	110844	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	212628	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	180113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	62895	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62963	65.203	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.400%
35) Dibromofluoromethane	7.728	113	67229	52.895	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.780%
50) Toluene-d8	10.191	98	245880	50.547	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.489	95	62257	42.622	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.240%

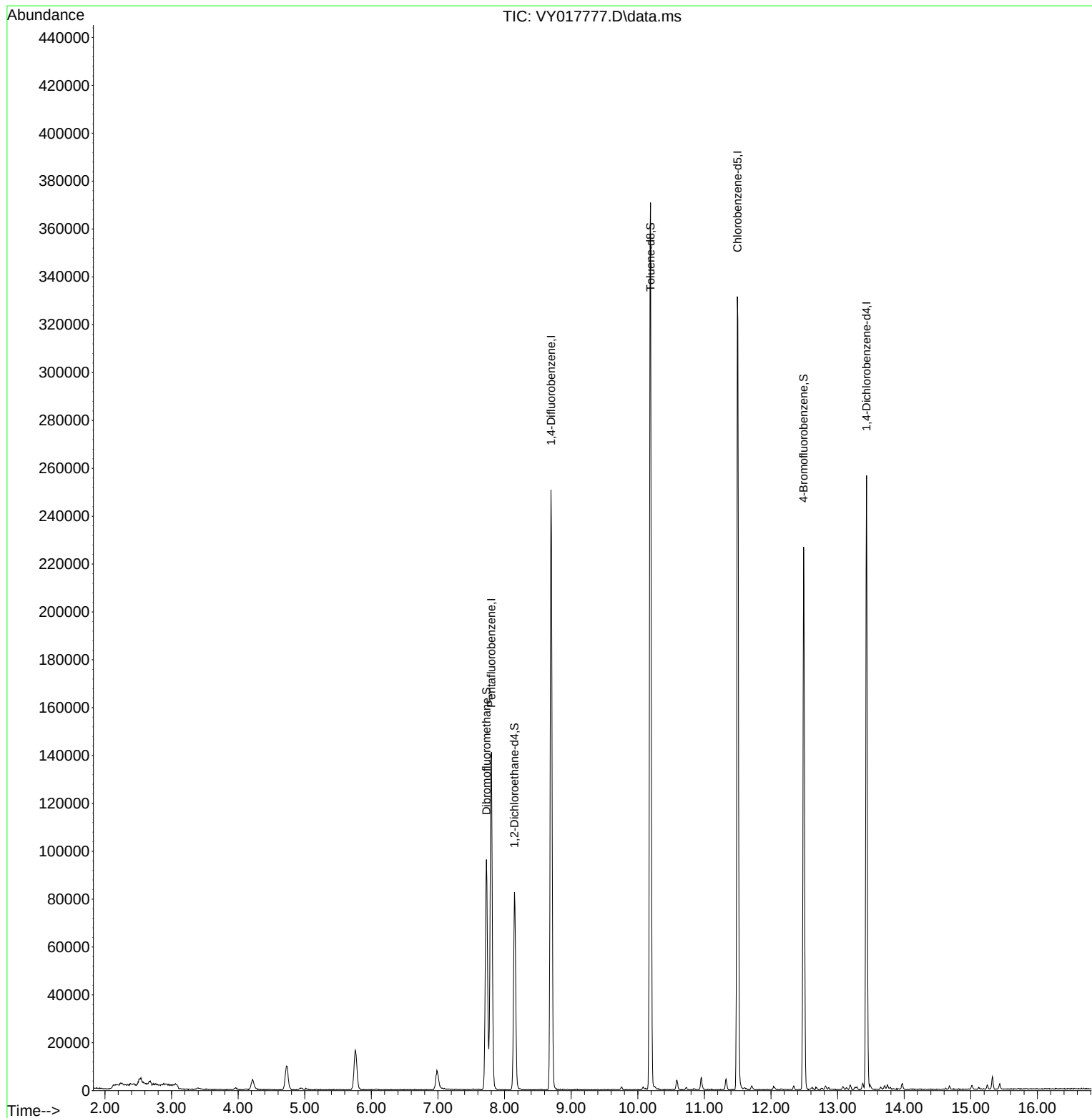
Target Compounds	Qvalue

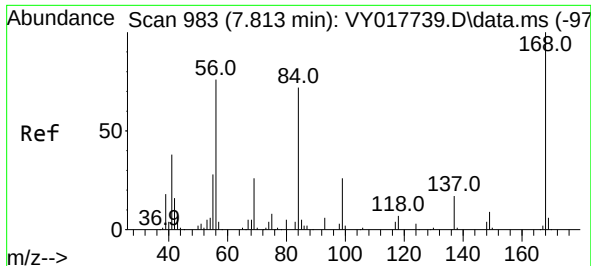
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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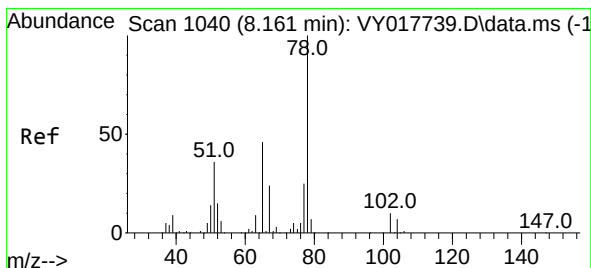
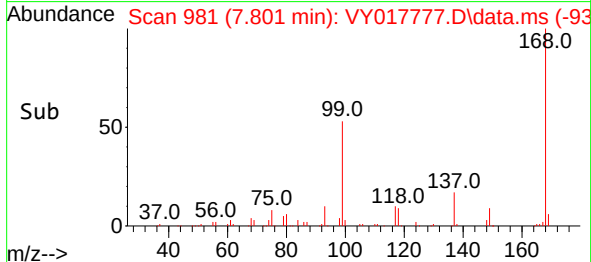
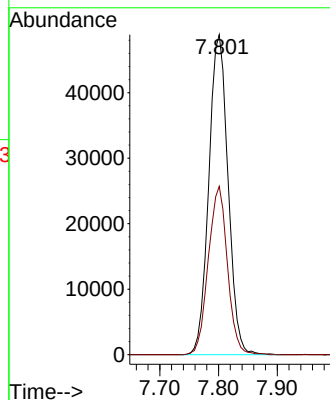
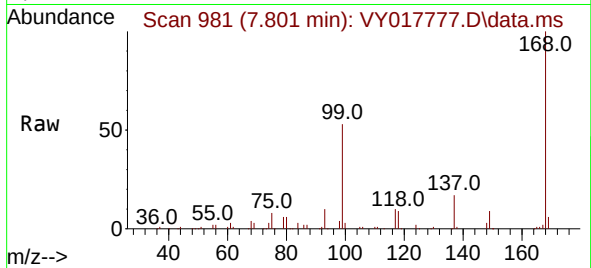




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

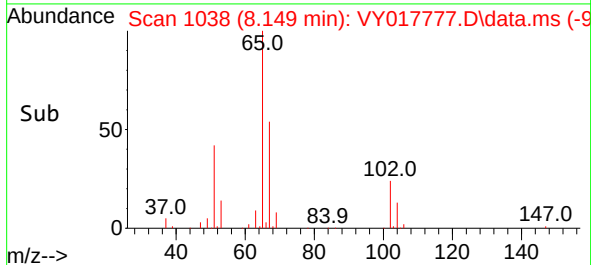
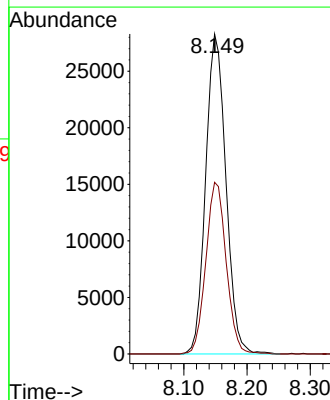
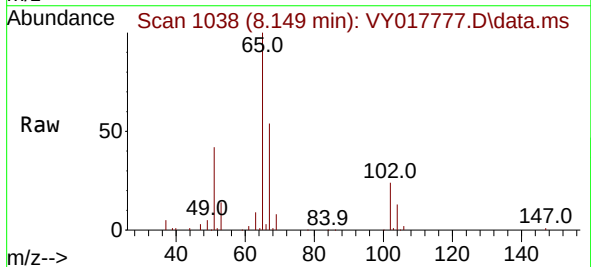
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

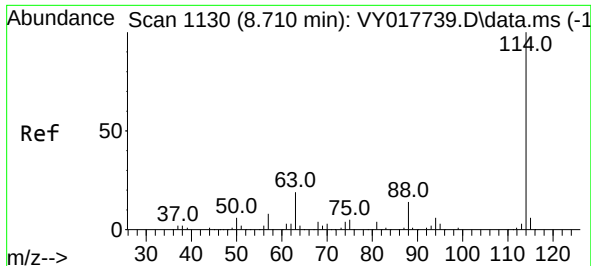
Tgt Ion:168 Resp: 110844
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 65.203 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.012 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

Tgt Ion: 65 Resp: 62963
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY017777.D

Acq: 27 Mar 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBL01

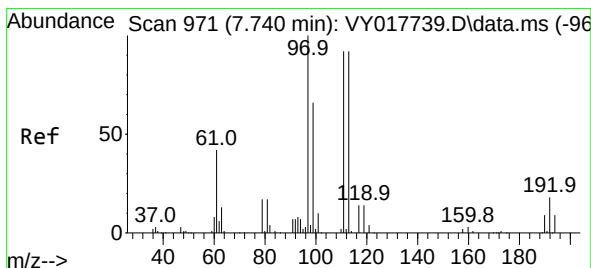
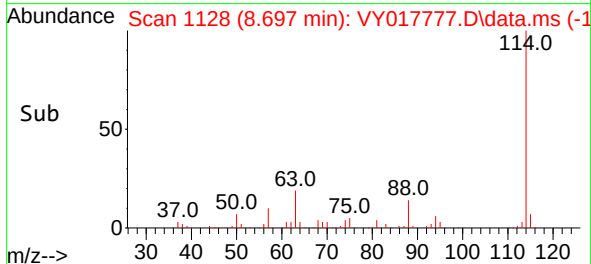
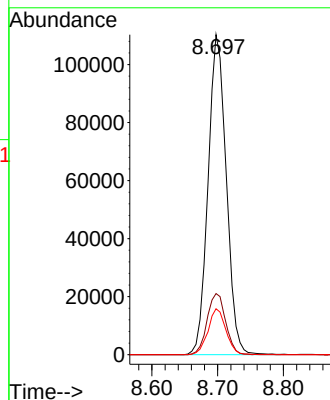
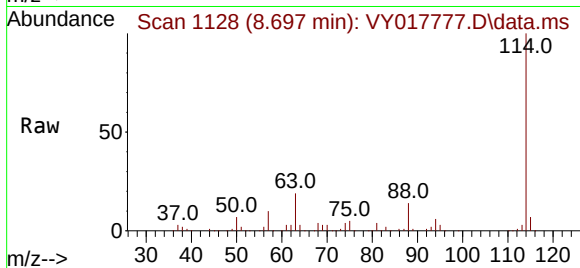
Tgt Ion:114 Resp: 212628

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.895 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.012 min

Lab File: VY017777.D

Acq: 27 Mar 2024 13:25

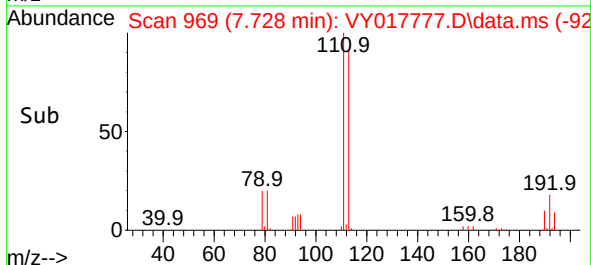
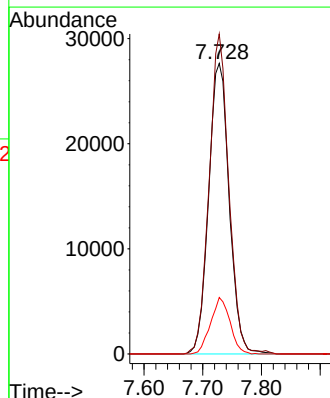
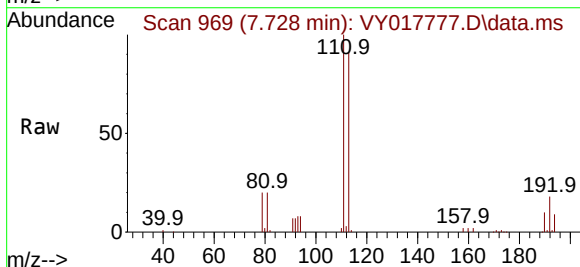
Tgt Ion:113 Resp: 67229

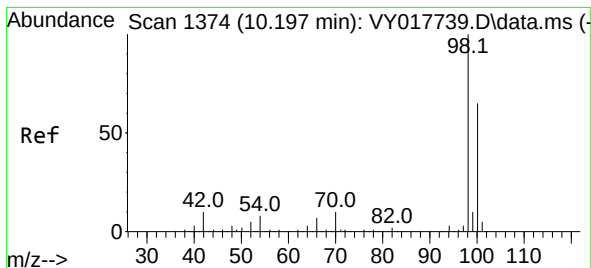
Ion Ratio Lower Upper

113 100

111 105.3 82.2 123.4

192 18.4 15.9 23.9





#50

Toluene-d8

Concen: 50.547 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017777.D

Acq: 27 Mar 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

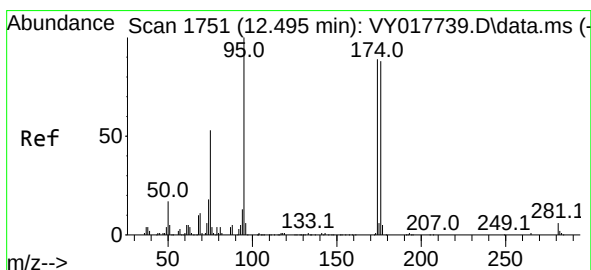
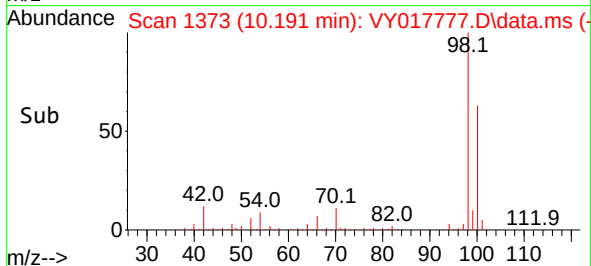
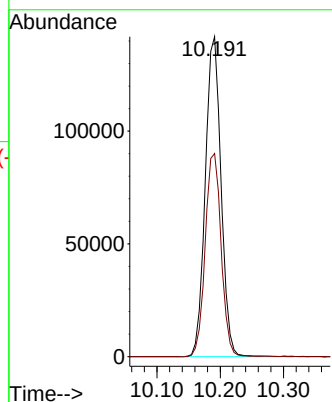
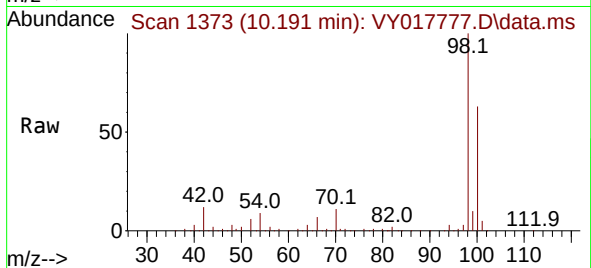
VY0327SBL01

Tgt Ion: 98 Resp: 245880

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.622 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.006 min

Lab File: VY017777.D

Acq: 27 Mar 2024 13:25

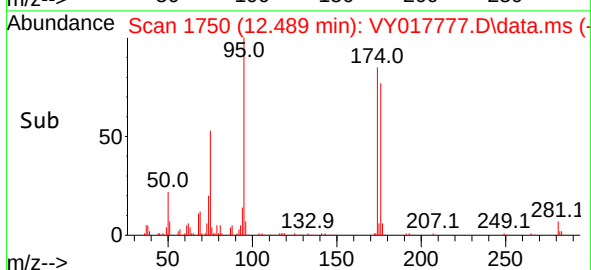
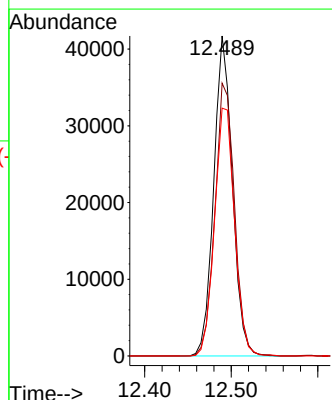
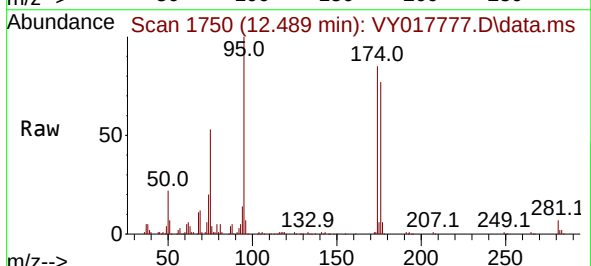
Tgt Ion: 95 Resp: 62257

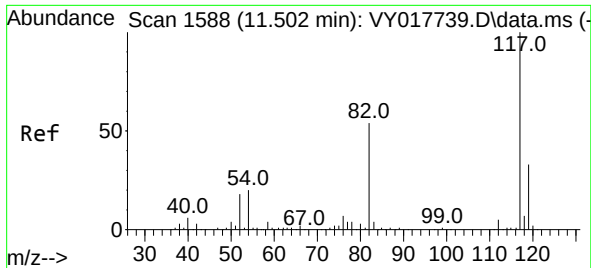
Ion Ratio Lower Upper

95 100

174 89.5 0.0 175.6

176 83.2 0.0 171.4

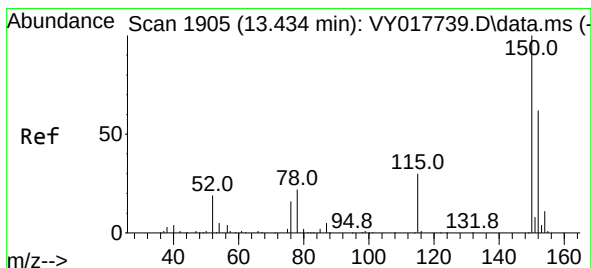
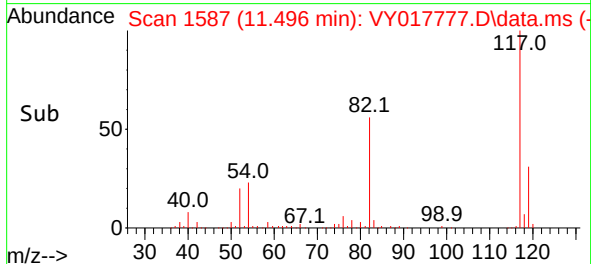
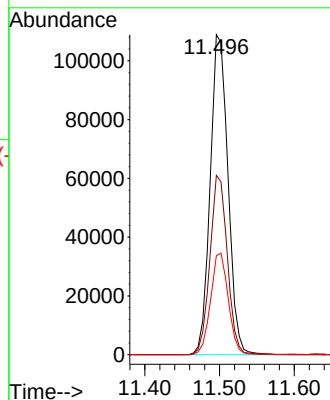
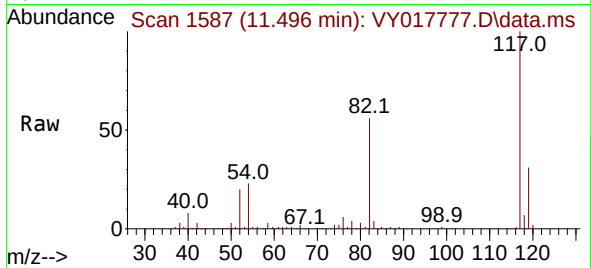




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

Tgt Ion:117 Resp: 180113
Ion Ratio Lower Upper
117 100
82 56.0 42.4 63.6
119 30.9 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: VY017777.D
Acq: 27 Mar 2024 13:25

Tgt Ion:152 Resp: 62895
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 159.1 0.0 345.6

