

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017280.D
 Acq On : 07 Feb 2024 11:13
 Operator : SY/MD
 Sample : VY0207SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBL01

Quant Time: Feb 08 01:40:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	88210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	166029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	139813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	53889	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	49432	62.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.460%
35) Dibromofluoromethane	7.722	113	48355	53.940	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.880%
50) Toluene-d8	10.185	98	169415	51.906	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.483	95	48717	45.564	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.120%

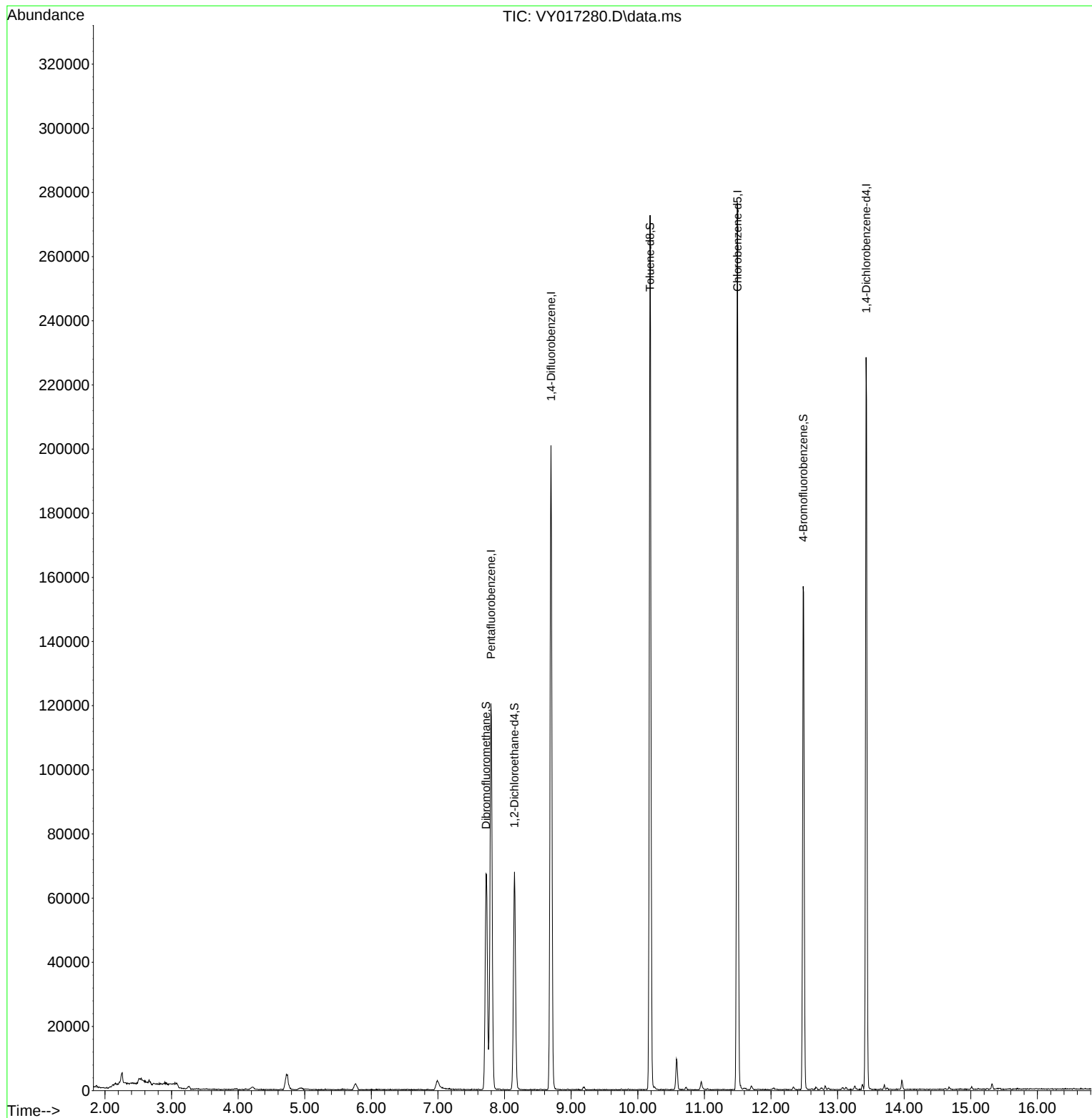
Target Compounds	Qvalue

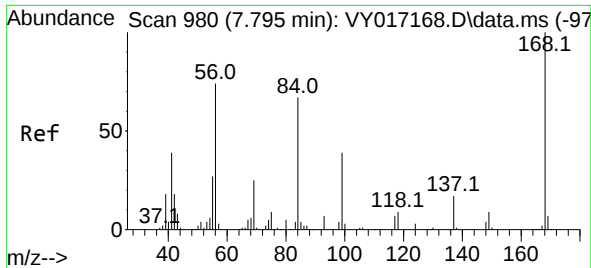
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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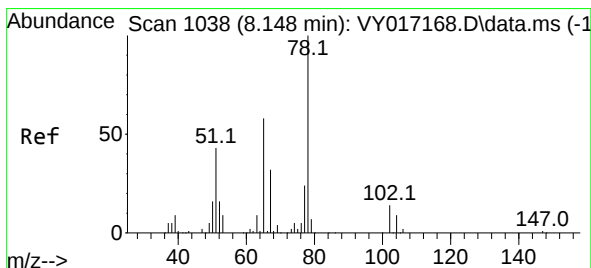
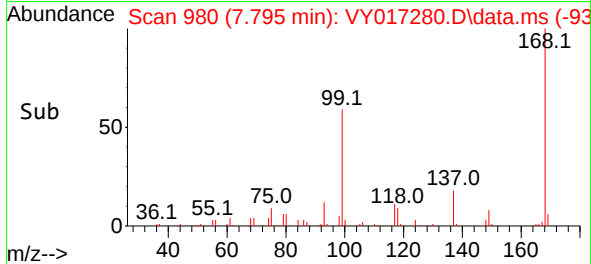
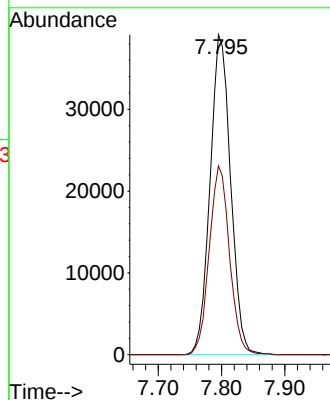
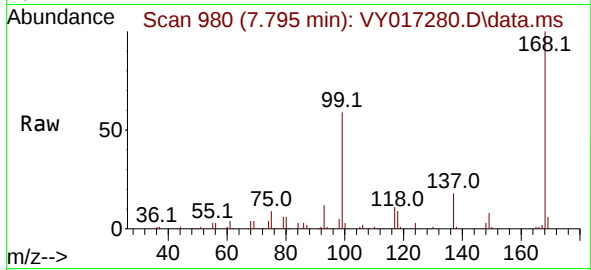




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

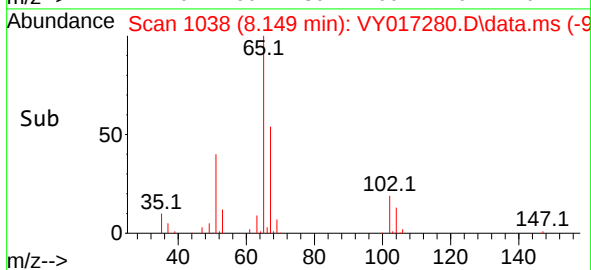
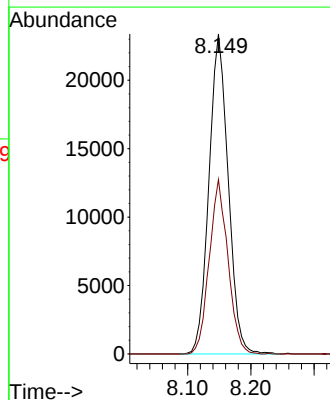
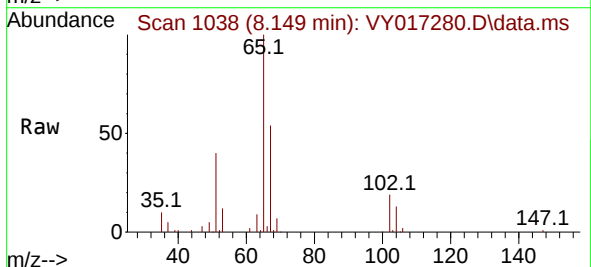
Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

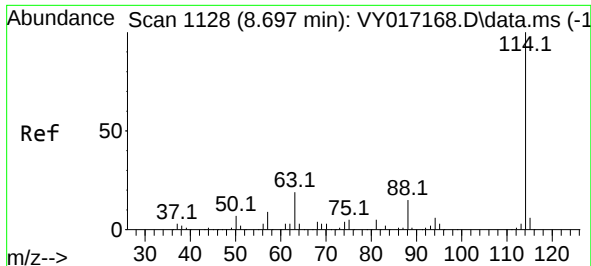
Tgt Ion:168 Resp: 88210
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 62.730 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

Tgt Ion: 65 Resp: 49432
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017280.D

Acq: 07 Feb 2024 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0207SBL01

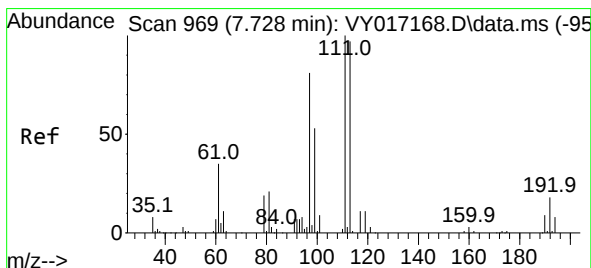
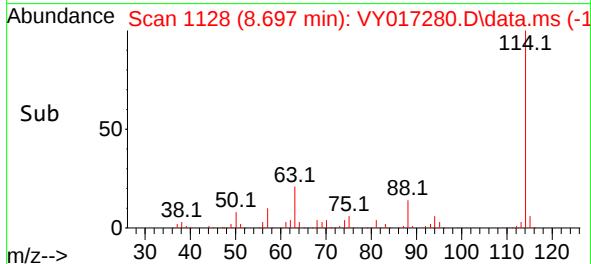
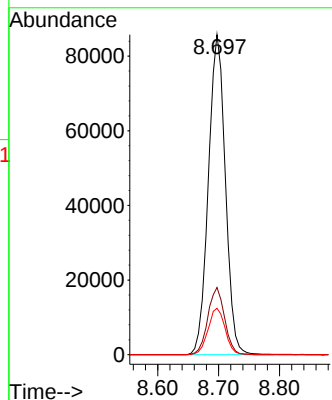
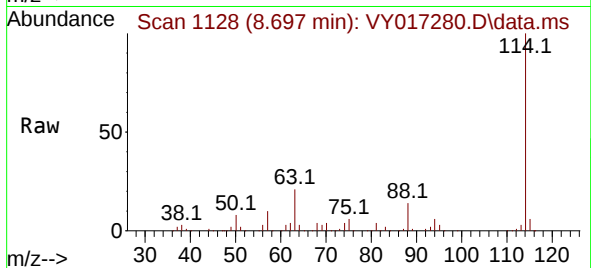
Tgt Ion:114 Resp: 166029

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.940 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017280.D

Acq: 07 Feb 2024 11:13

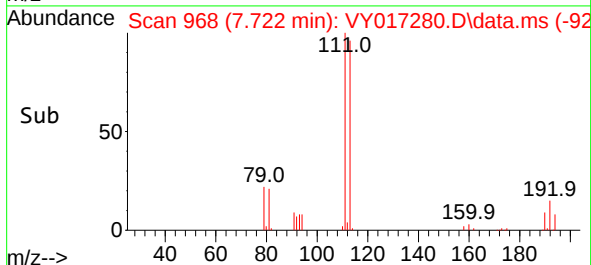
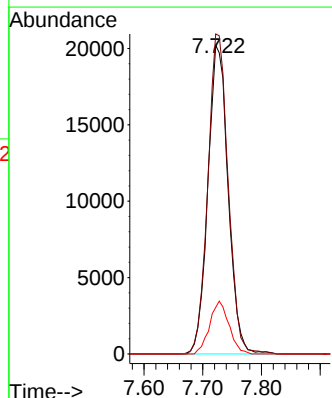
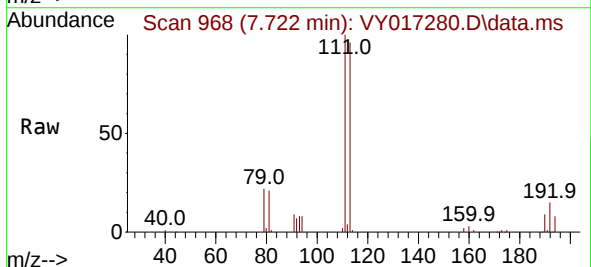
Tgt Ion:113 Resp: 48355

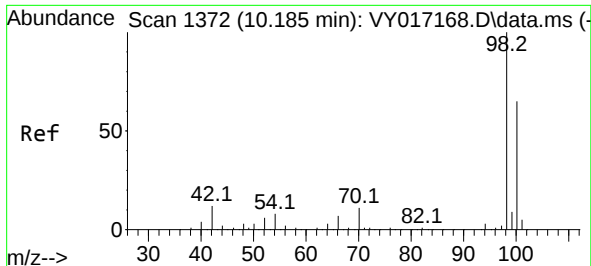
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 16.4 14.5 21.7

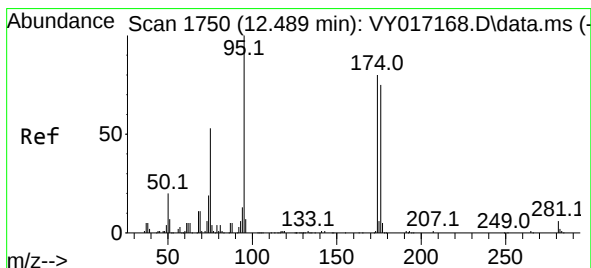
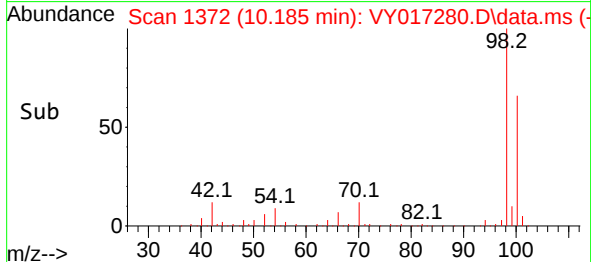
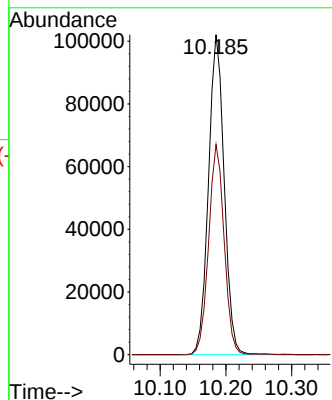
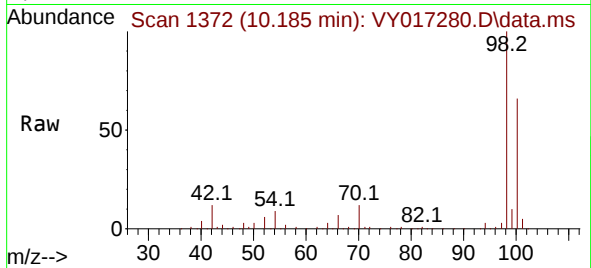




#50
Toluene-d8
Concen: 51.906 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

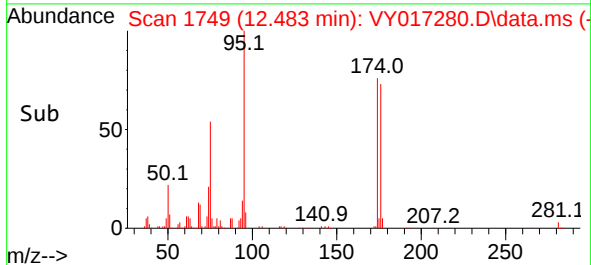
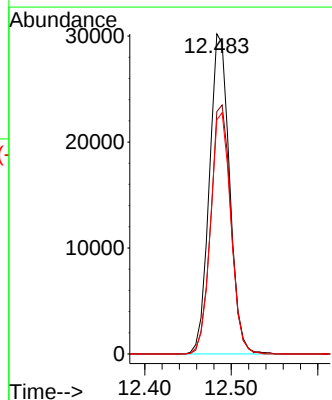
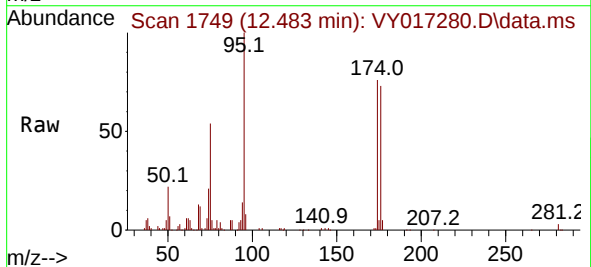
Instrument :
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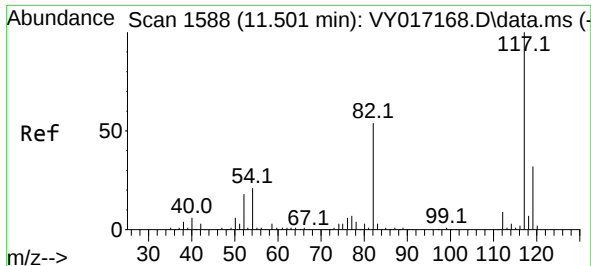
Tgt Ion: 98 Resp: 169415
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.564 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

Tgt Ion: 95 Resp: 48717
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 75.9 0.0 151.8

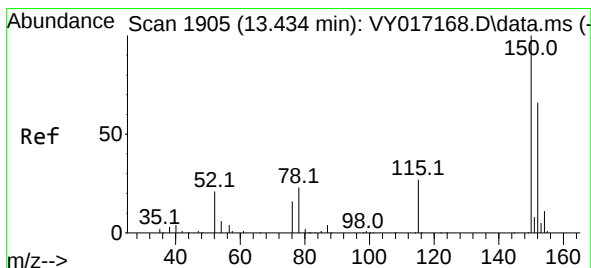
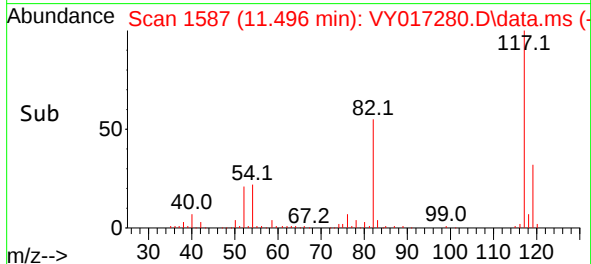
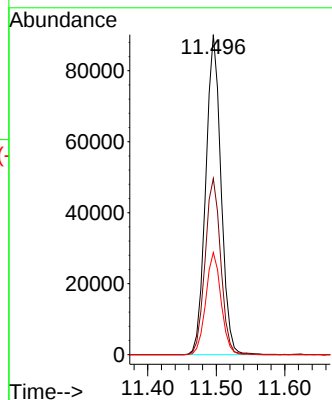
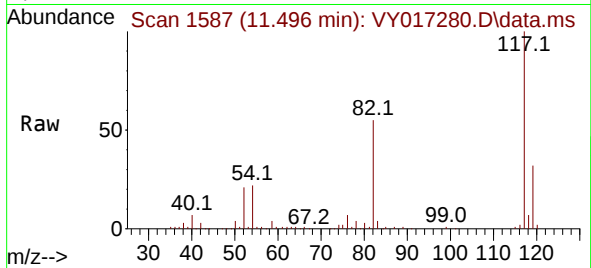




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0207SBL01

Tgt Ion:117 Resp: 139813
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.8
119 31.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017280.D
Acq: 07 Feb 2024 11:13

Tgt Ion:152 Resp: 53889
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.0
150 158.9 0.0 344.6

