

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042224\
 Data File : VY018008.D
 Acq On : 22 Apr 2024 13:35
 Operator : SY/MD
 Sample : VY0422SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0422SBL01

Quant Time: Apr 23 01:41:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	326906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	580420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	502373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	184709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	154961	54.777	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.560%
35) Dibromofluoromethane	7.722	113	184448	51.510	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.185	98	660414	48.605	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.483	95	176950	42.050	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.100%

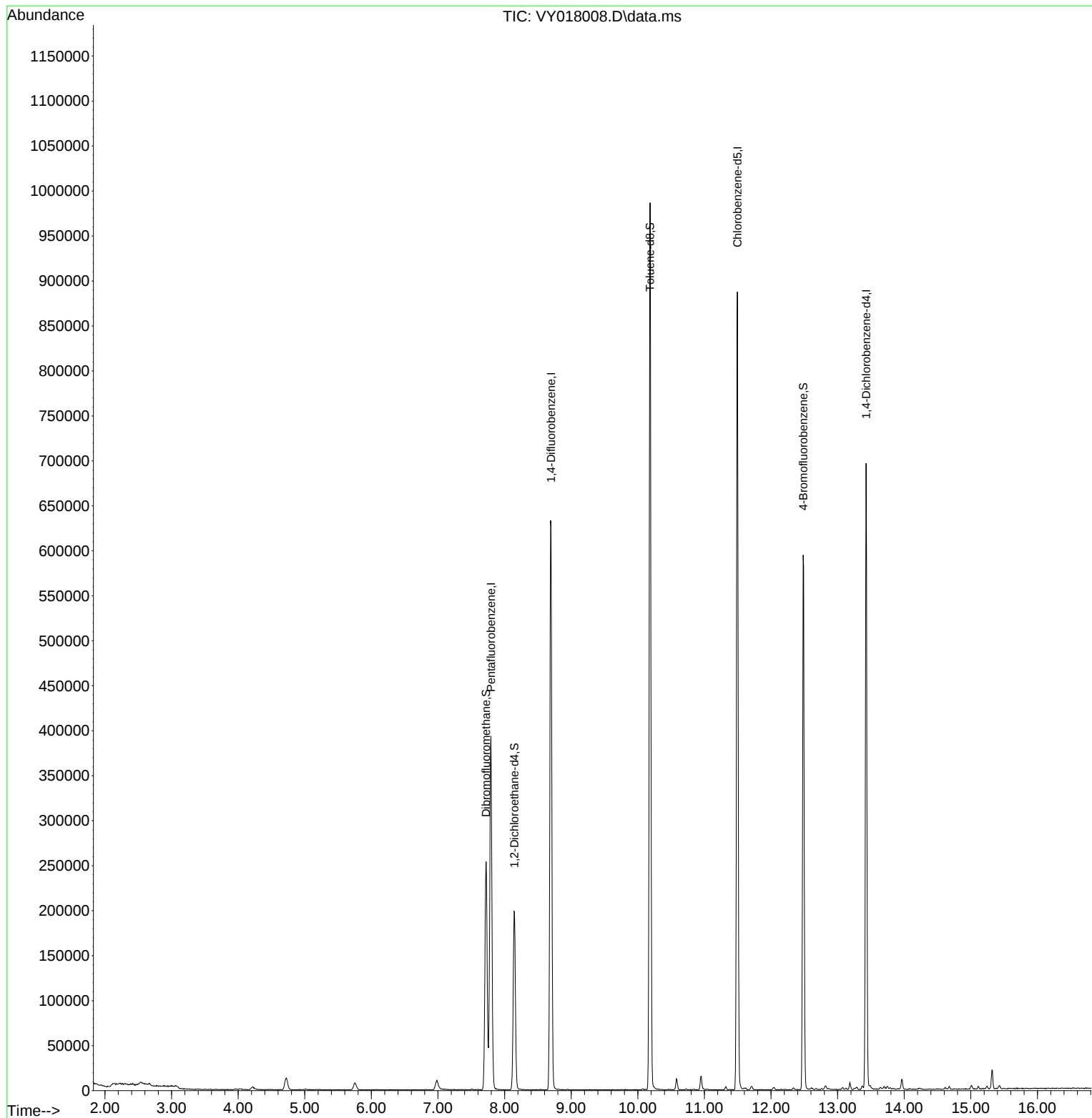
Target Compounds	Qvalue

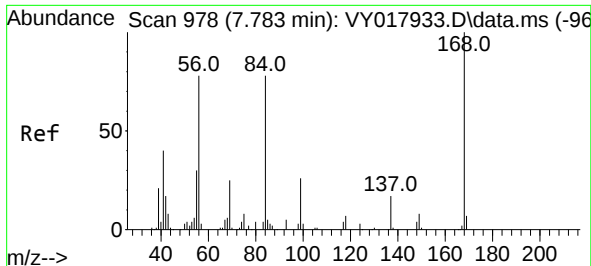
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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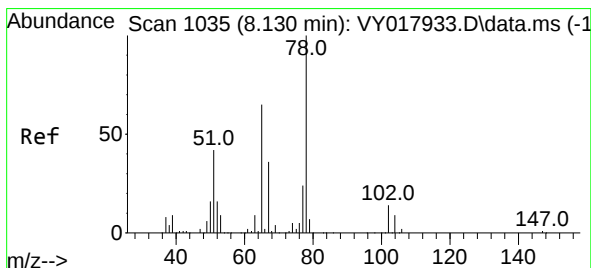
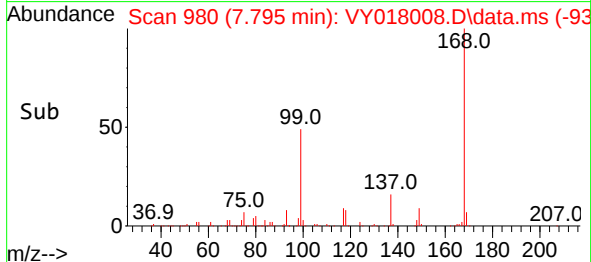
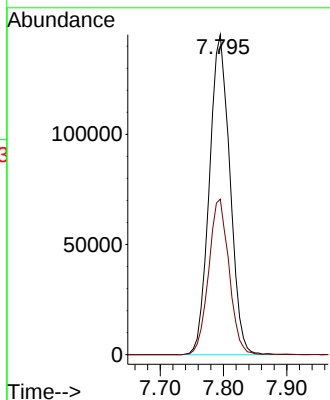
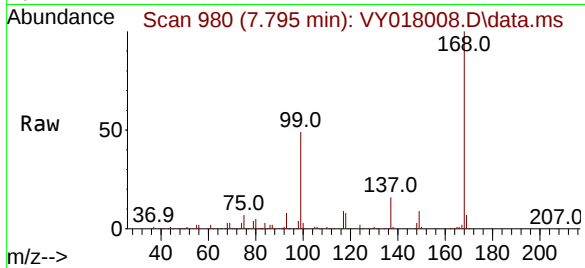




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

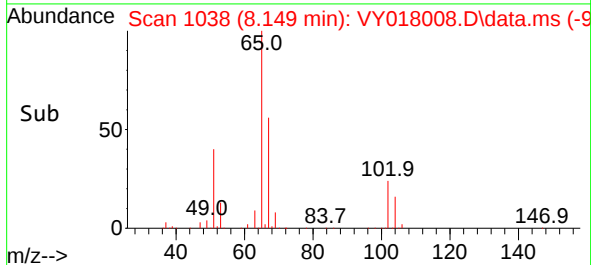
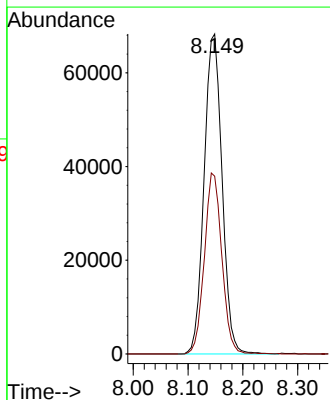
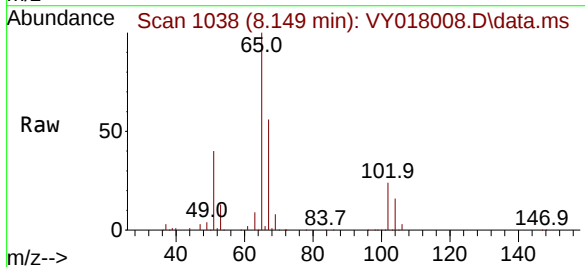
Instrument :
MSVOA_Y
ClientSampleId :
VY0422SBL01

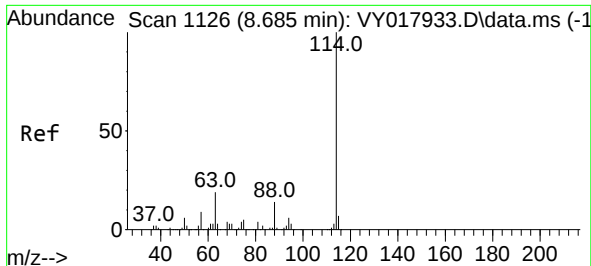
Tgt Ion:168 Resp: 326906
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.777 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

Tgt Ion: 65 Resp: 154961
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018008.D

Acq: 22 Apr 2024 13:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0422SBL01

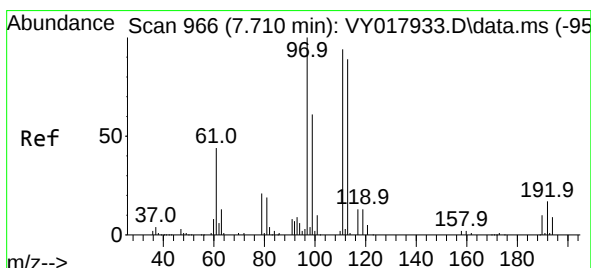
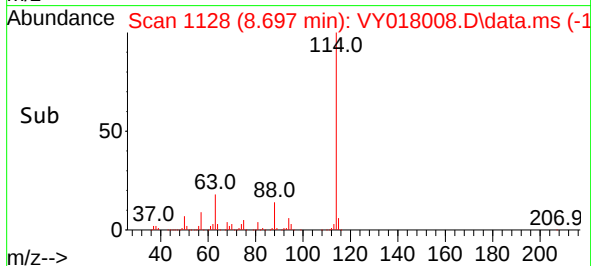
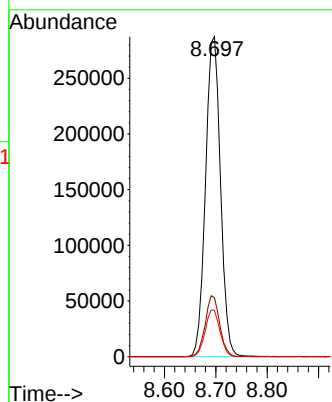
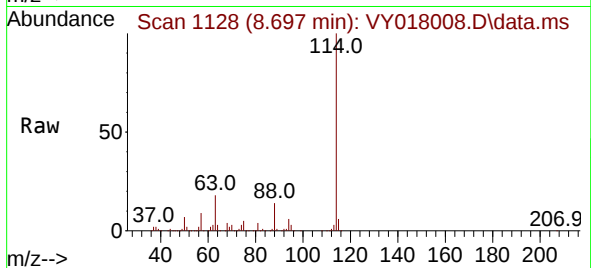
Tgt Ion:114 Resp: 580420

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.510 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018008.D

Acq: 22 Apr 2024 13:35

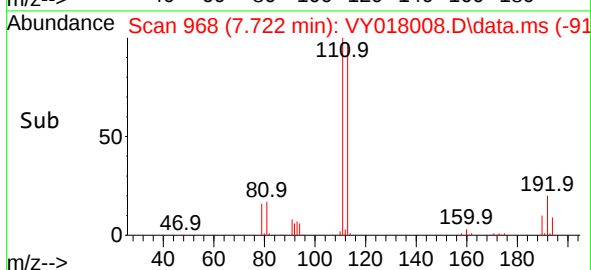
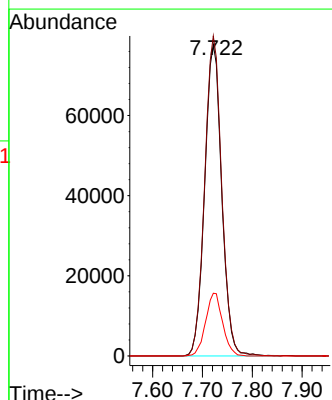
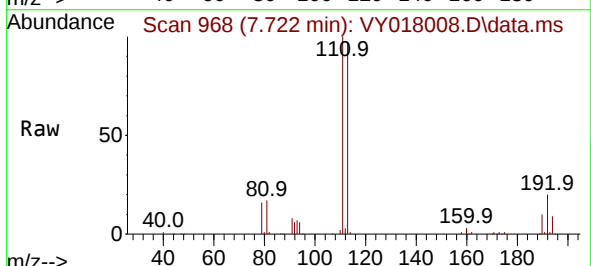
Tgt Ion:113 Resp: 184448

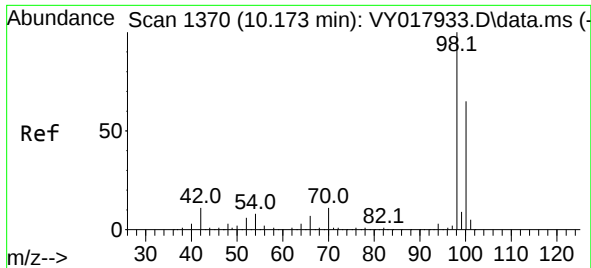
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 20.1 15.9 23.9

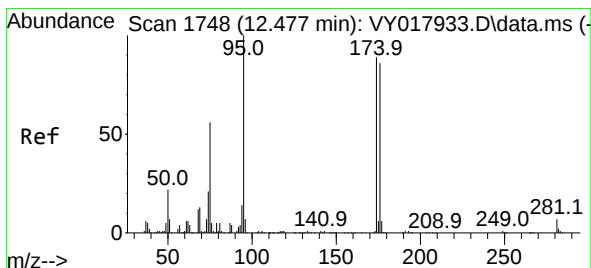
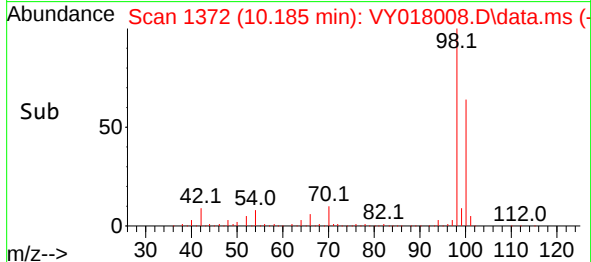
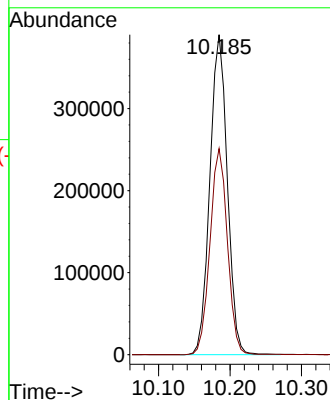
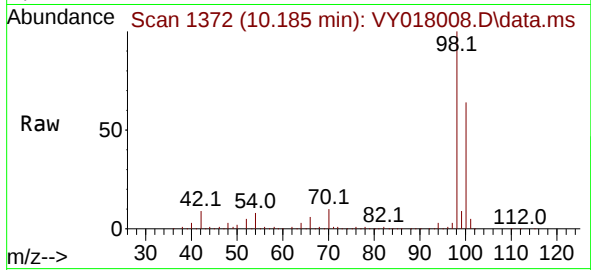




#50
Toluene-d8
Concen: 48.605 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

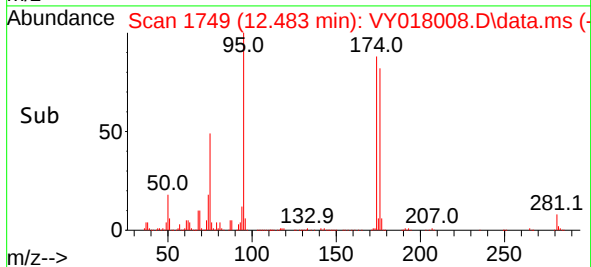
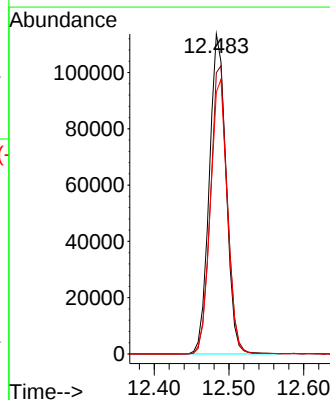
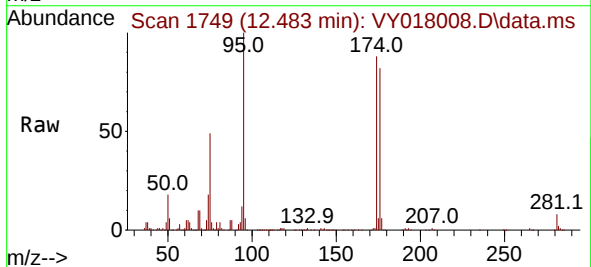
Instrument :
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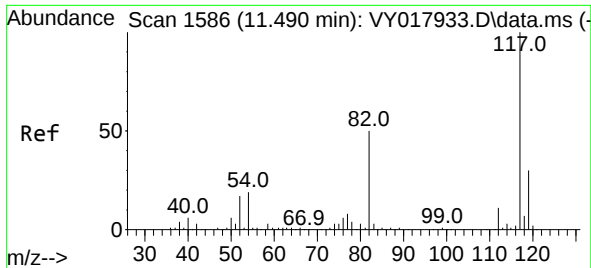
Tgt Ion: 98 Resp: 660414
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.050 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

Tgt Ion: 95 Resp: 176950
Ion Ratio Lower Upper
95 100
174 90.8 0.0 175.6
176 86.9 0.0 171.4

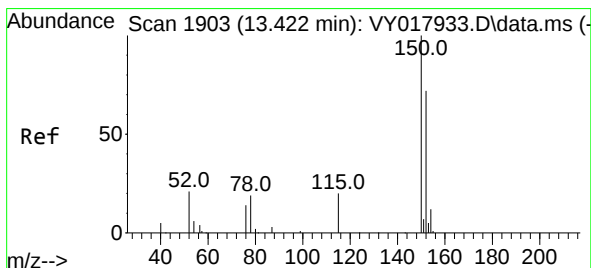
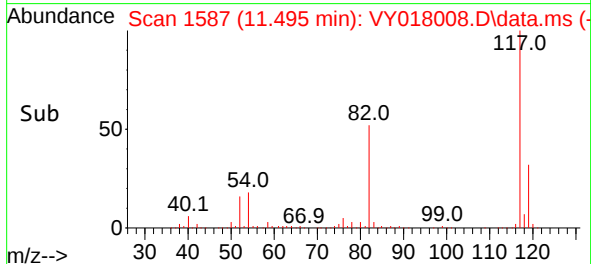
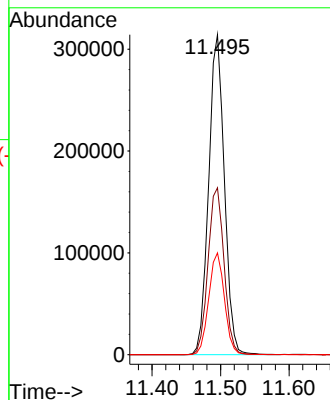
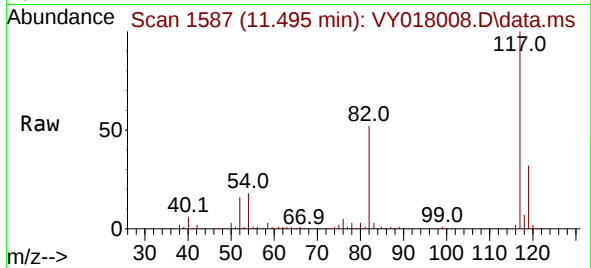




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0422SBL01

Tgt Ion:117 Resp: 502373
Ion Ratio Lower Upper
117 100
82 52.2 42.4 63.6
119 31.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018008.D
Acq: 22 Apr 2024 13:35

Tgt Ion:152 Resp: 184709
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 155.9 0.0 345.6

