

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042624\
 Data File : VY018055.D
 Acq On : 26 Apr 2024 12:14
 Operator : SY/MD
 Sample : VY0426SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0426SBL01

Quant Time: Apr 27 01:05:26 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	443426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	760276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	660049	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	241984	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	184929	48.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.380%
35) Dibromofluoromethane	7.722	113	226880	48.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.740%
50) Toluene-d8	10.185	98	864105	48.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.489	95	233497	42.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.720%

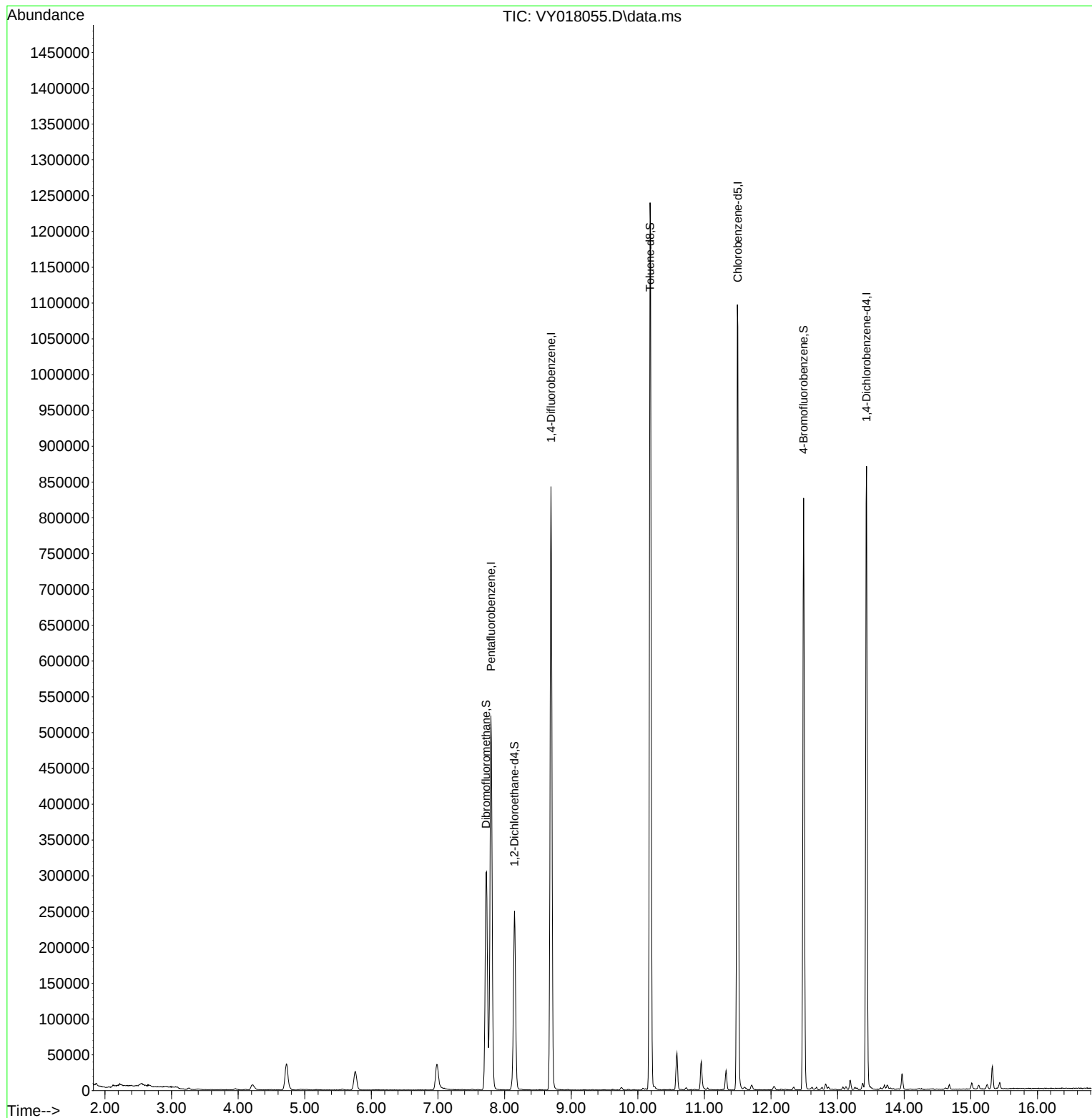
Target Compounds	Qvalue

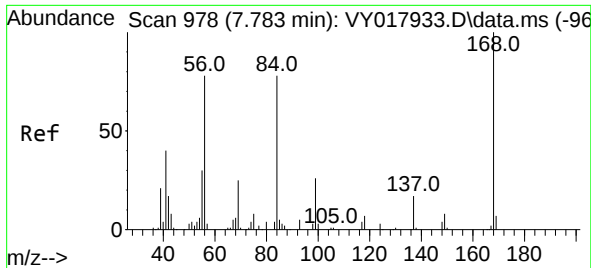
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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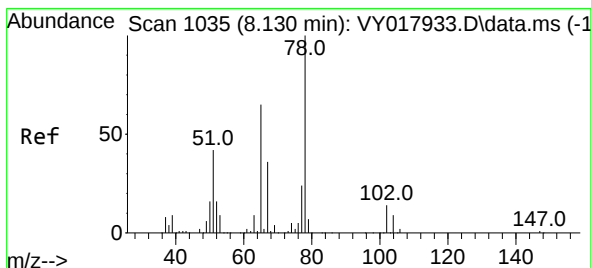
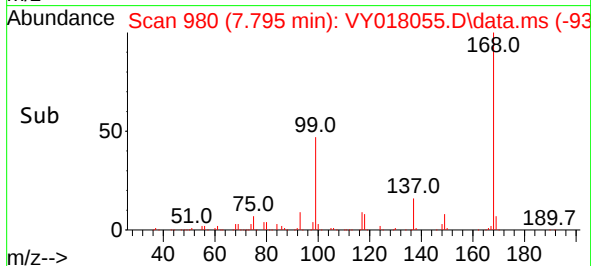
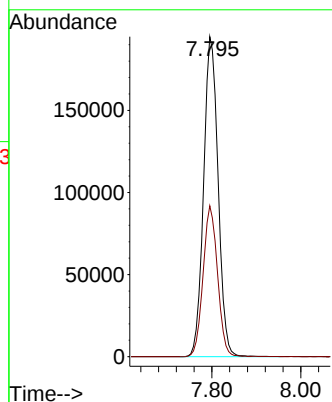
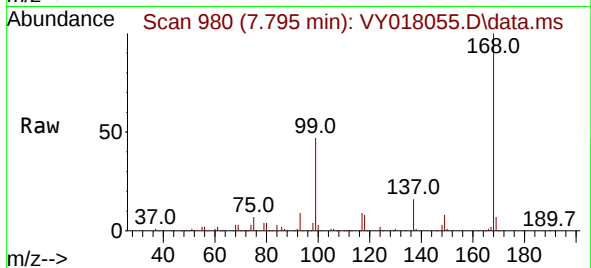




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

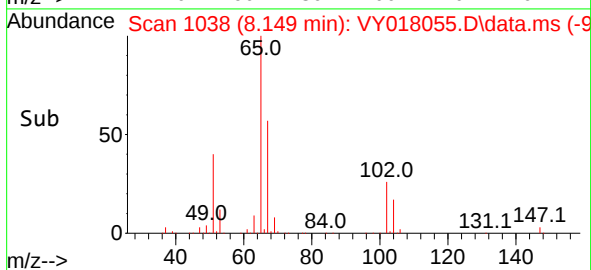
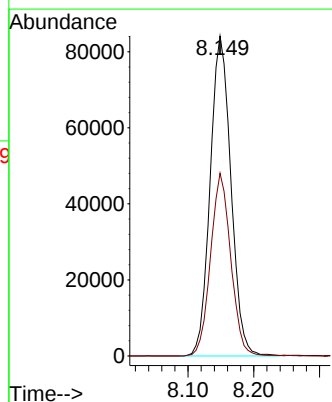
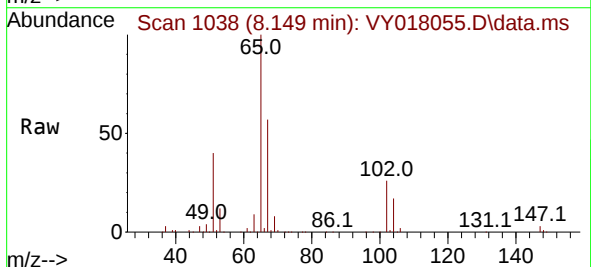
Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

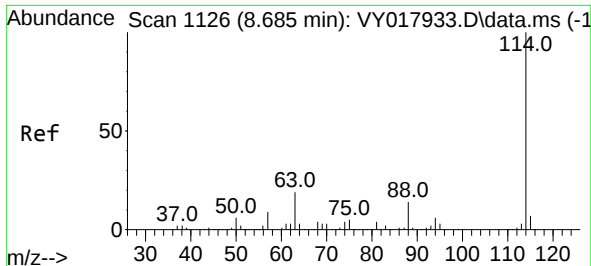
Tgt Ion:168 Resp: 443426
Ion Ratio Lower Upper
168 100
99 47.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.193 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

Tgt Ion: 65 Resp: 184929
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY018055.D

Acq: 26 Apr 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0426SBL01

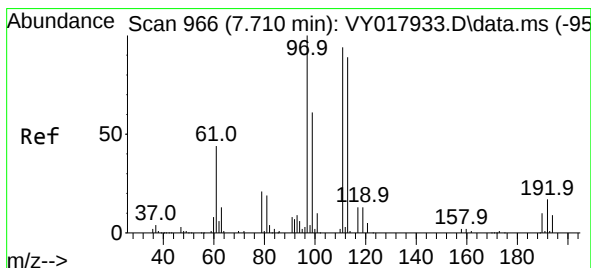
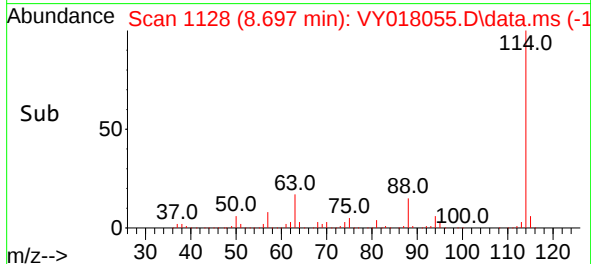
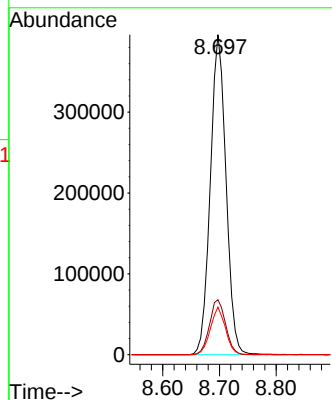
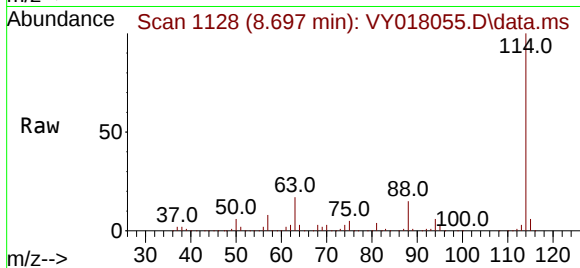
Tgt Ion:114 Resp: 760276

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.371 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY018055.D

Acq: 26 Apr 2024 12:14

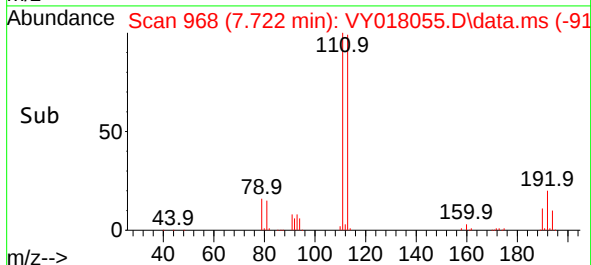
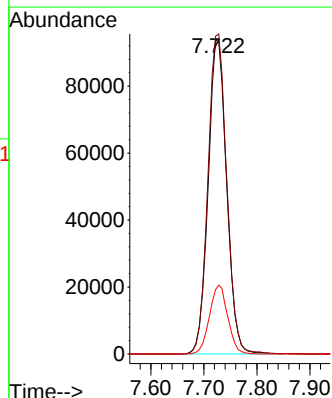
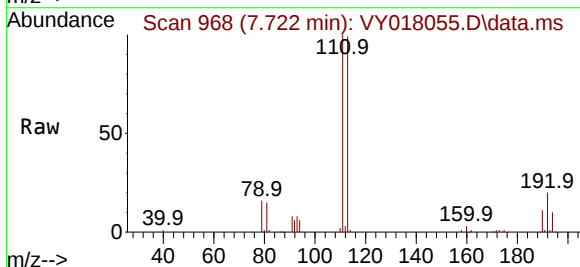
Tgt Ion:113 Resp: 226880

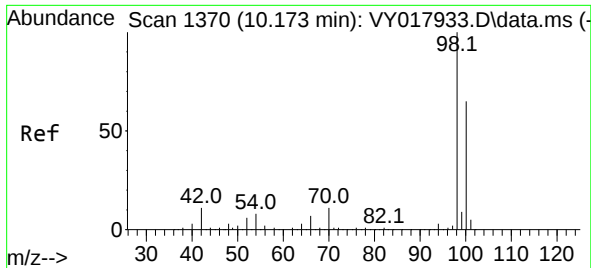
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 21.6 15.9 23.9

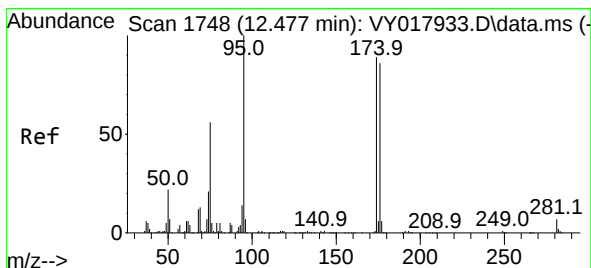
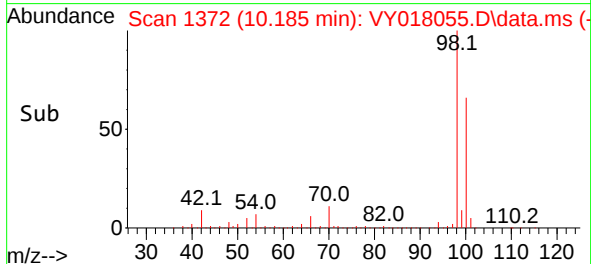
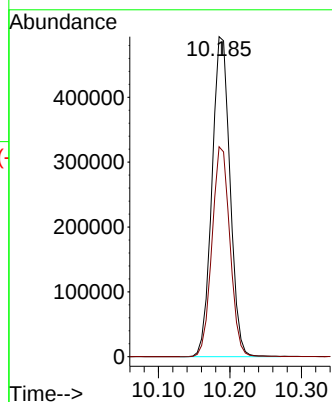
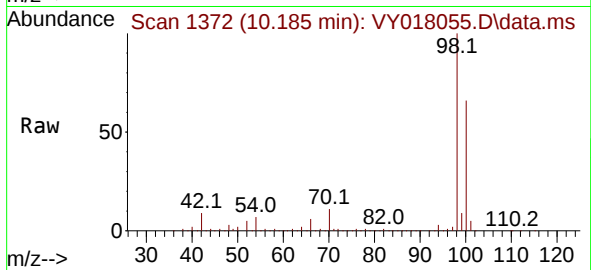




#50
Toluene-d8
Concen: 48.551 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

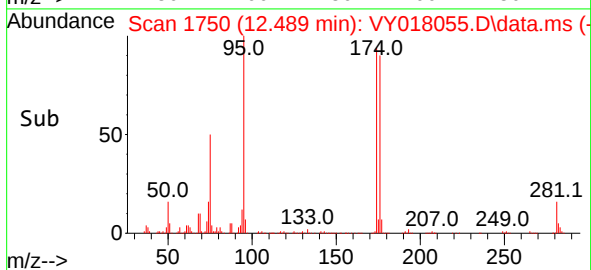
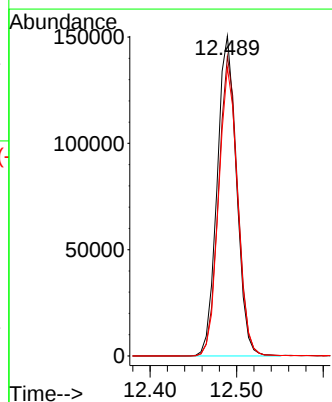
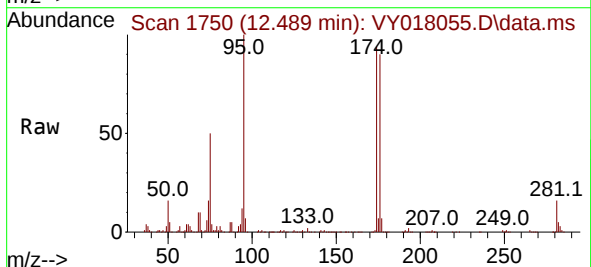
Instrument :
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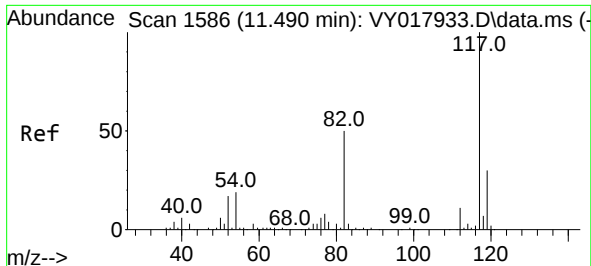
Tgt Ion: 98 Resp: 864105
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.361 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

Tgt Ion: 95 Resp: 233497
Ion Ratio Lower Upper
95 100
174 92.9 0.0 175.6
176 89.1 0.0 171.4

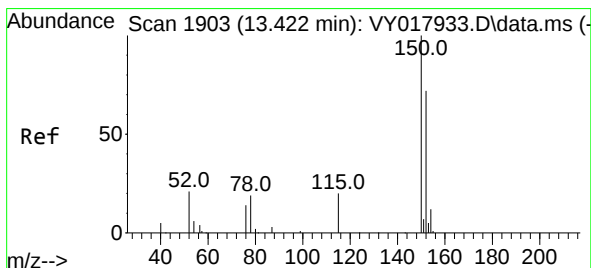
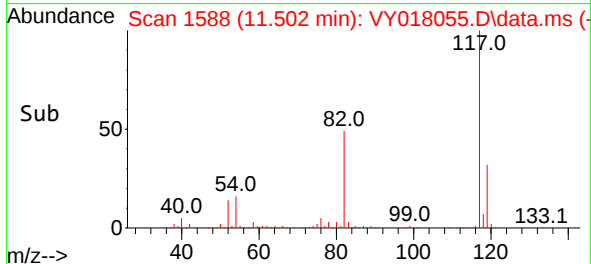
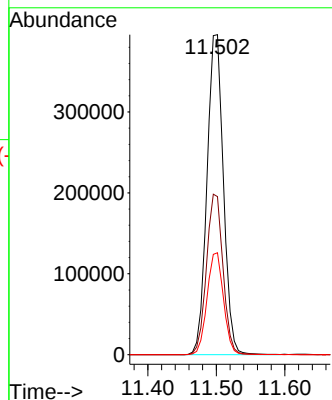
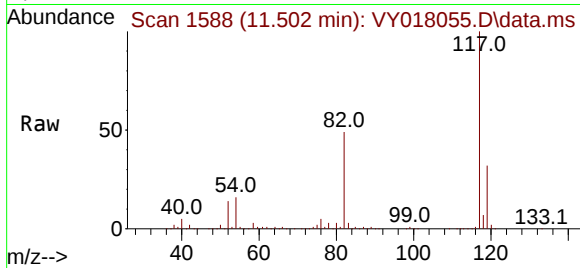




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

Instrument :
MSVOA_Y
ClientSampleId :
VY0426SBL01

Tgt Ion:117 Resp: 660049
Ion Ratio Lower Upper
117 100
82 49.4 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY018055.D
Acq: 26 Apr 2024 12:14

Tgt Ion:152 Resp: 241984
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 157.8 0.0 345.6

