

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017813.D
 Acq On : 02 Apr 2024 09:27
 Operator : SY/MD
 Sample : VY0402SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBL01

Quant Time: Apr 03 02:01:10 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	185402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	341590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	270473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	88212	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82157	51.209	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.420%
35) Dibromofluoromethane	7.722	113	103383	52.376	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.760%
50) Toluene-d8	10.191	98	393805	53.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.820%
62) 4-Bromofluorobenzene	12.489	95	88990	39.669	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.340%

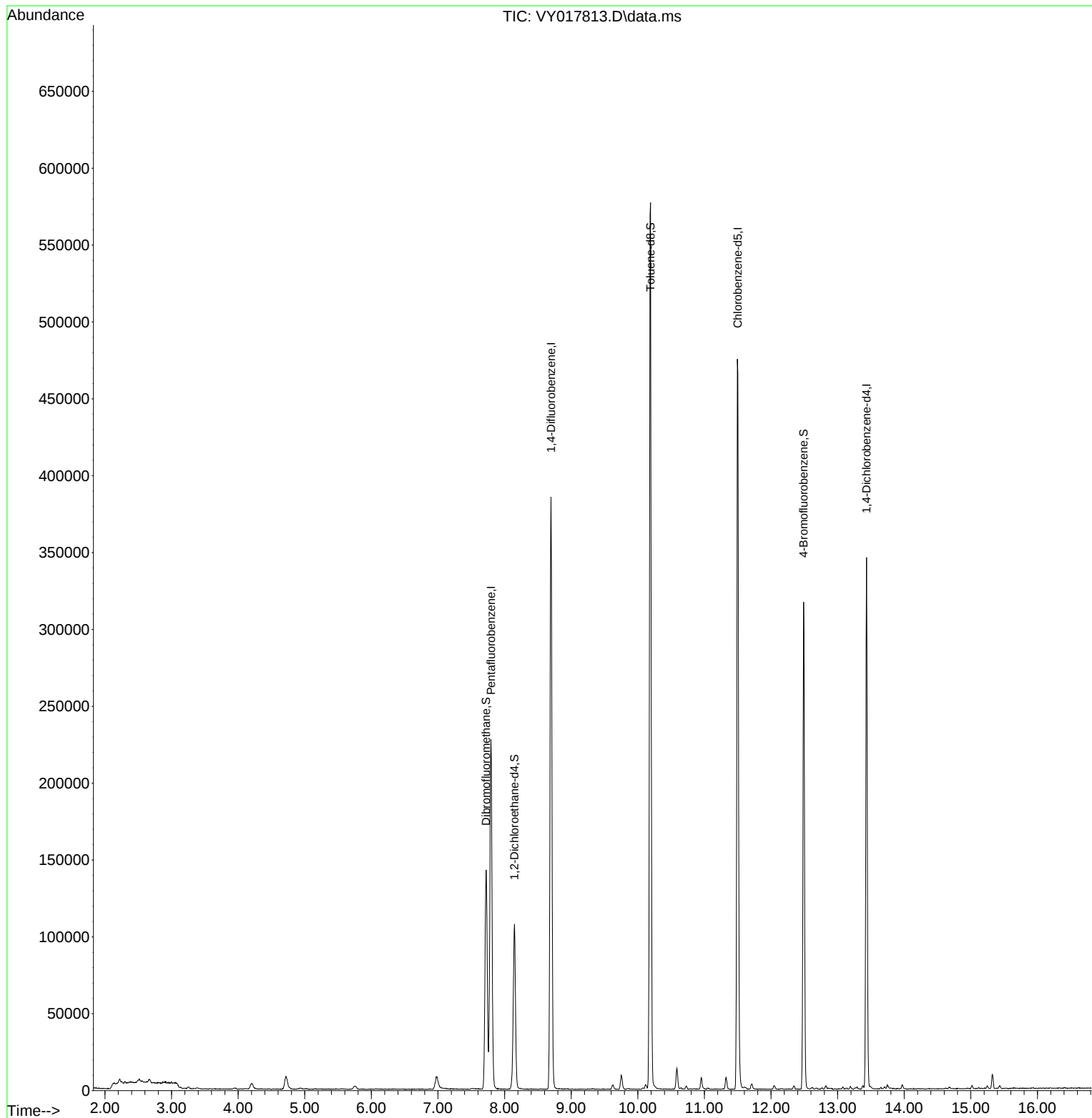
Target Compounds	Qvalue

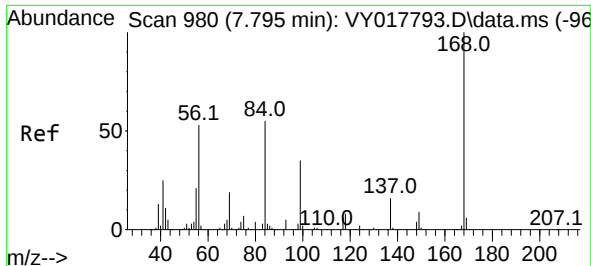
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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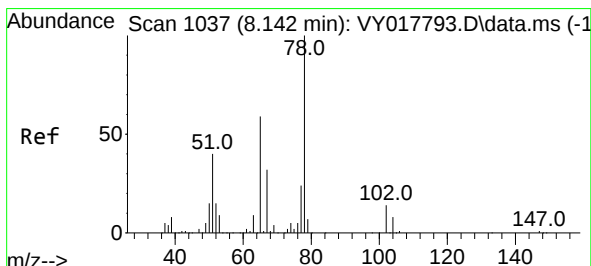
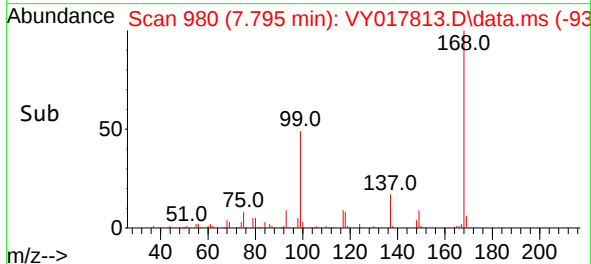
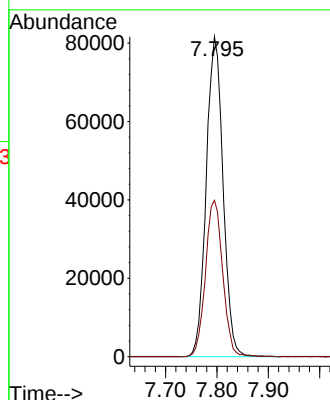
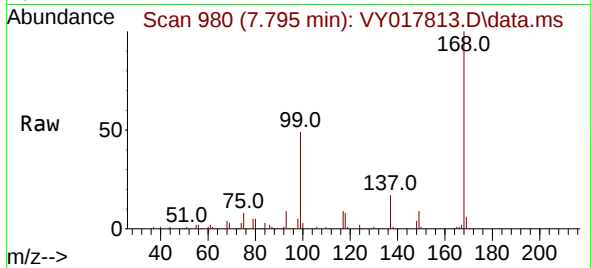




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

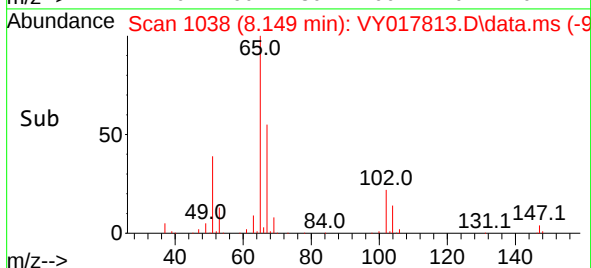
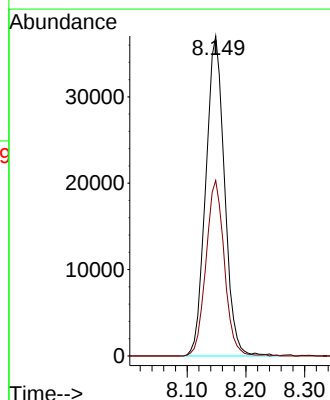
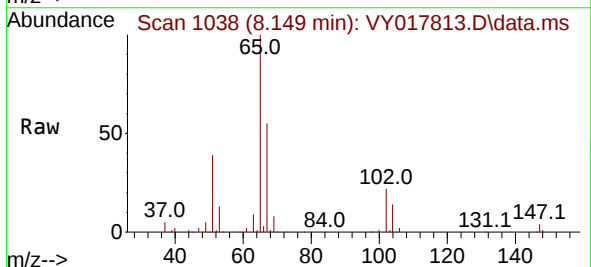
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

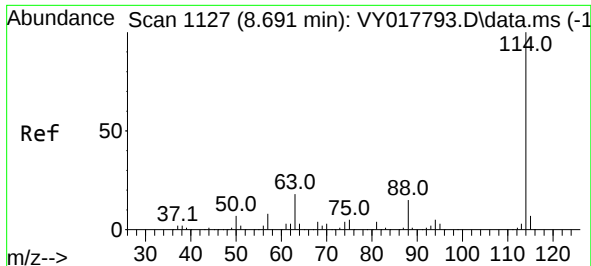
Tgt Ion:168 Resp: 185402
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.209 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

Tgt Ion: 65 Resp: 82157
Ion Ratio Lower Upper
65 100
67 53.8 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: VY017813.D

Acq: 02 Apr 2024 09:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBL01

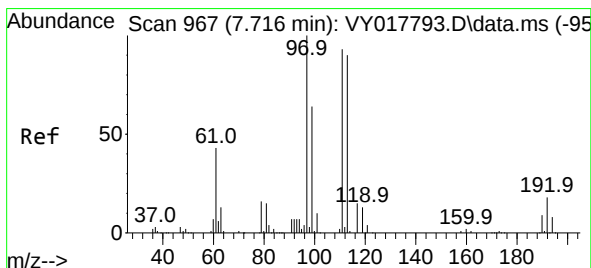
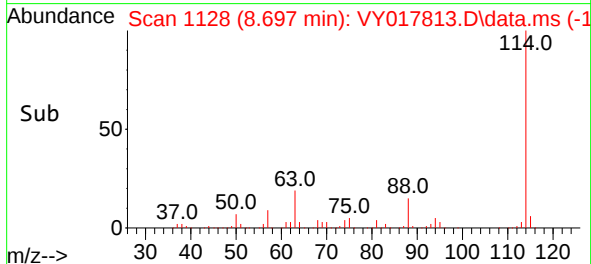
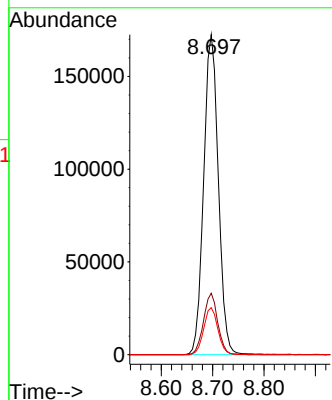
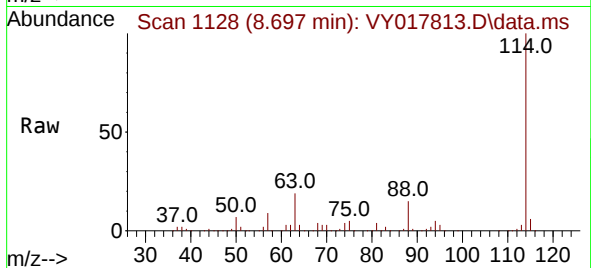
Tgt Ion:114 Resp: 341590

Ion Ratio Lower Upper

114 100

63 19.2 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.376 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017813.D

Acq: 02 Apr 2024 09:27

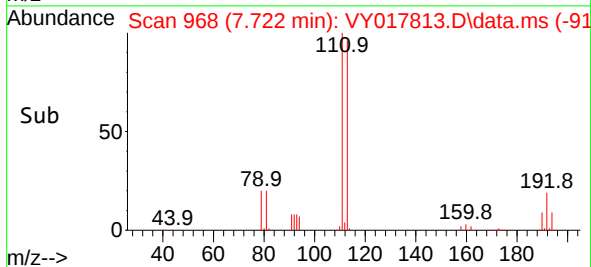
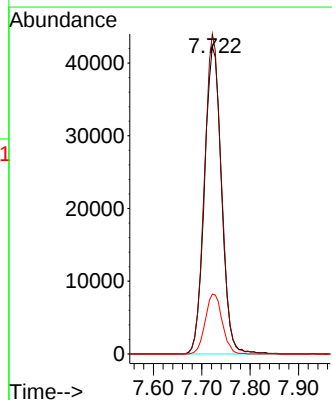
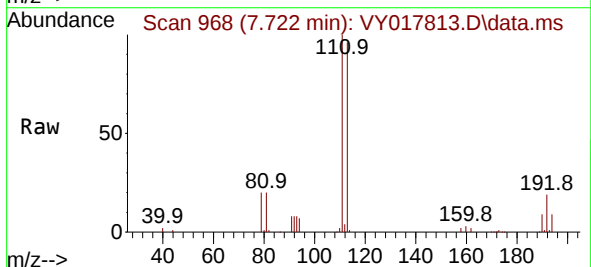
Tgt Ion:113 Resp: 103383

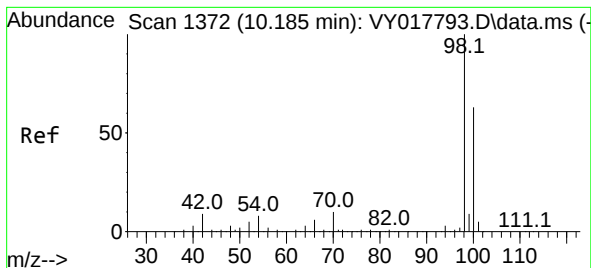
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 19.4 15.9 23.9

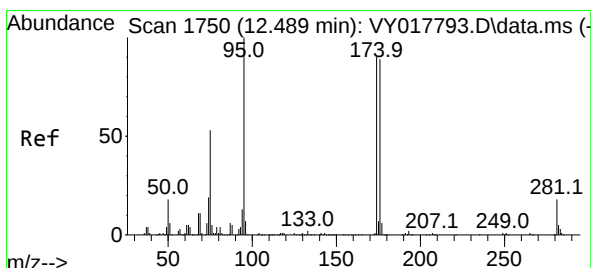
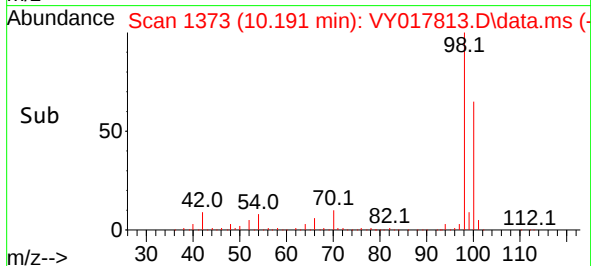
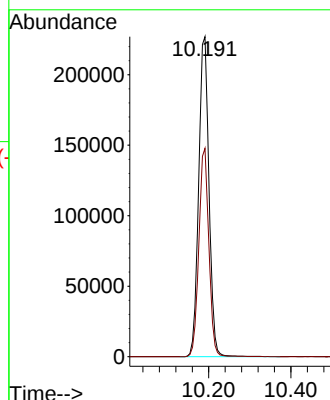
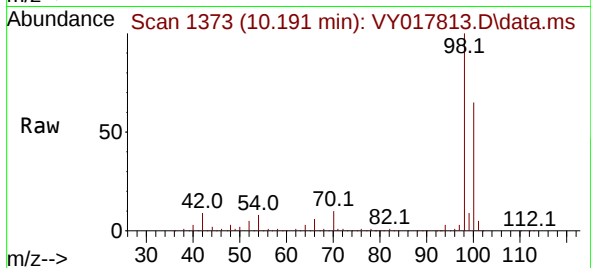




#50
Toluene-d8
Concen: 53.410 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

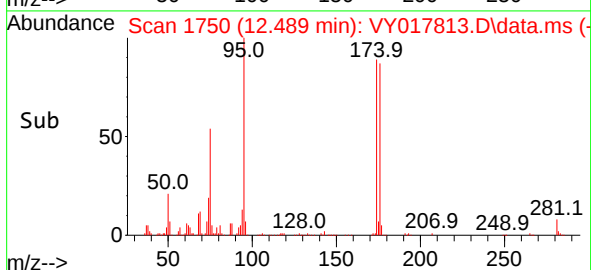
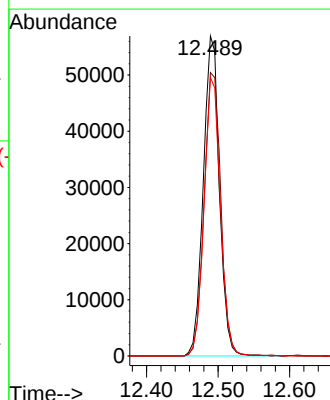
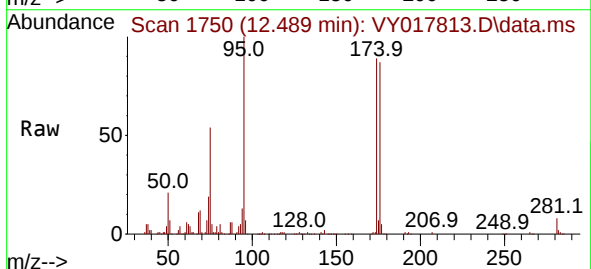
Instrument :
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VY0402SBL01

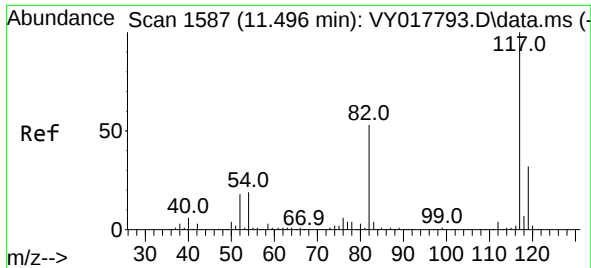
Tgt Ion: 98 Resp: 393805
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.669 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

Tgt Ion: 95 Resp: 88990
Ion Ratio Lower Upper
95 100
174 92.0 0.0 175.6
176 88.2 0.0 171.4

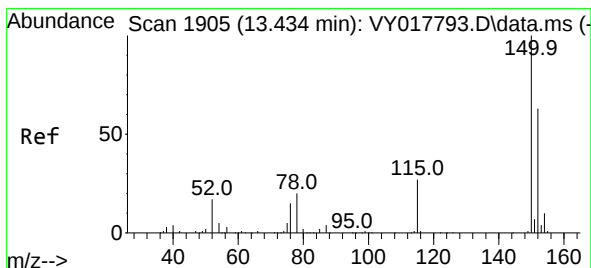
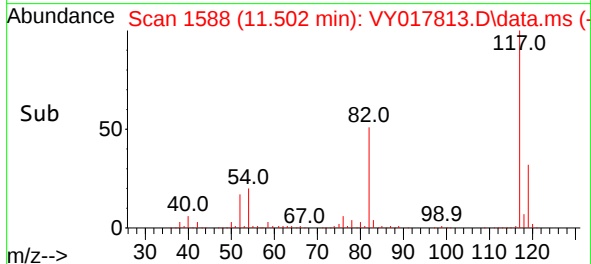
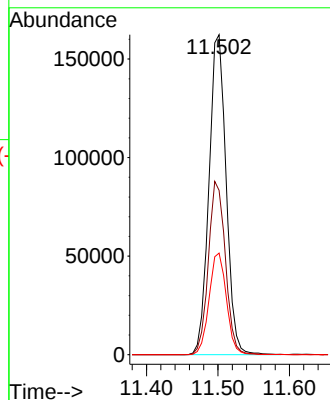
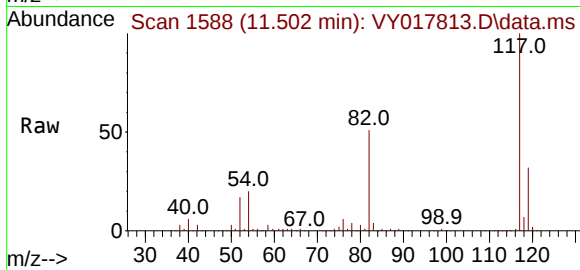




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017813.D
Acq: 02 Apr 2024 09:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

Tgt Ion:117 Resp: 270473
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 31.7 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: VY017813.D
Acq: 02 Apr 2024 09:27

Tgt Ion:152 Resp: 88212
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 158.7 0.0 345.6

