

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017824.D
 Acq On : 03 Apr 2024 10:04
 Operator : SY/MD
 Sample : VY0403SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBL01

Quant Time: Apr 04 01:07:30 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	7.807	168	191939	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	348811	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	304336	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	108193	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	101032	60.829	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.660%
35) Dibromofluoromethane	7.734	113	113288	56.206	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.420%
50) Toluene-d8	10.197	98	407624	54.140	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.280%
62) 4-Bromofluorobenzene	12.495	95	104445	45.595	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.180%

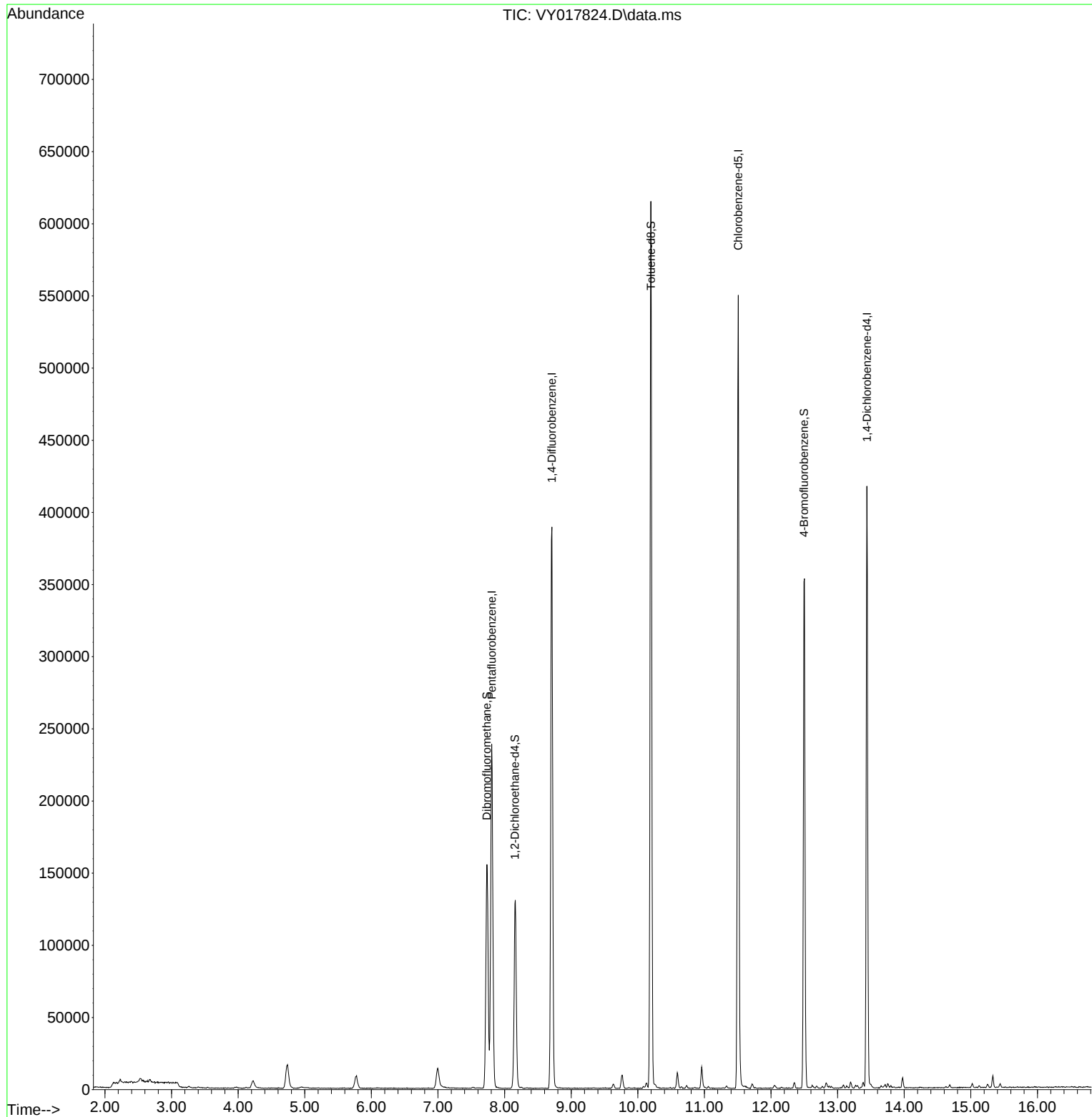
Target Compounds	Qvalue

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

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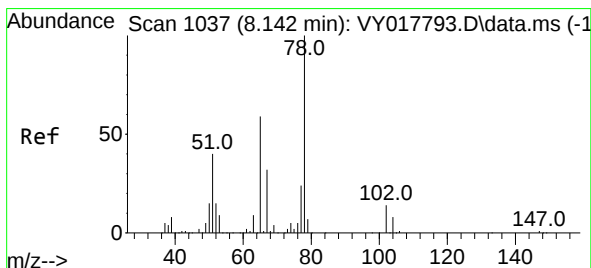
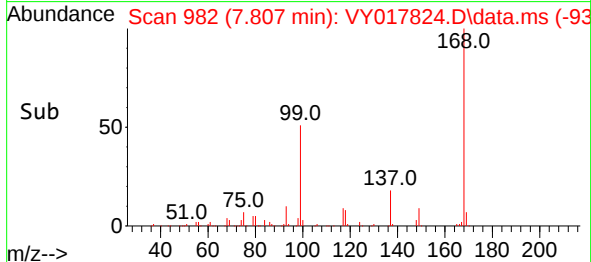
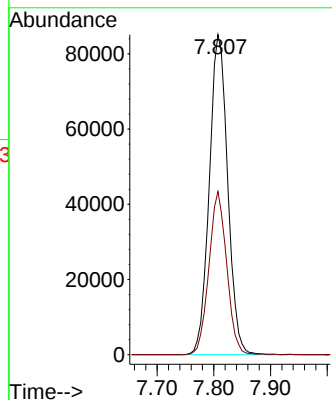
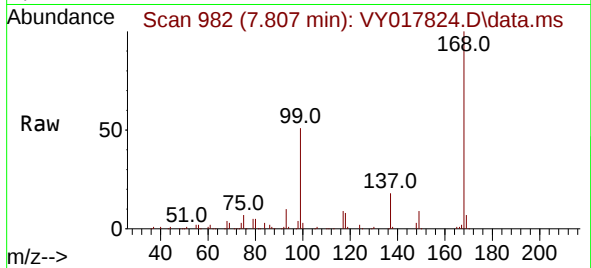




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017824.D
Acq: 03 Apr 2024 10:04

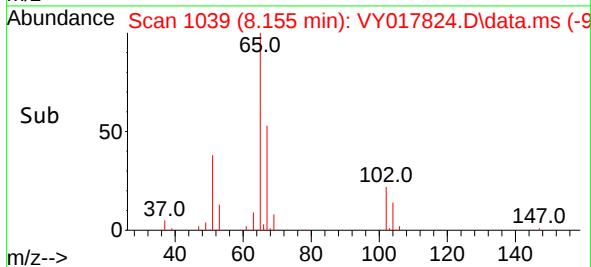
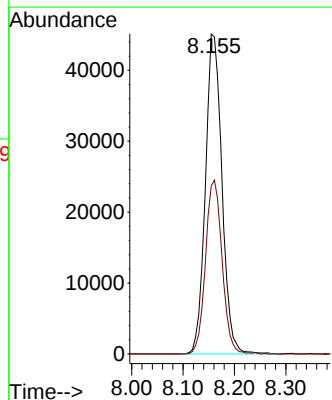
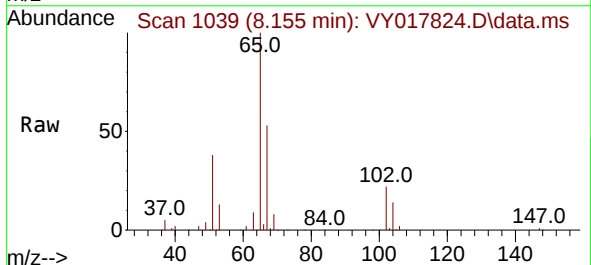
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

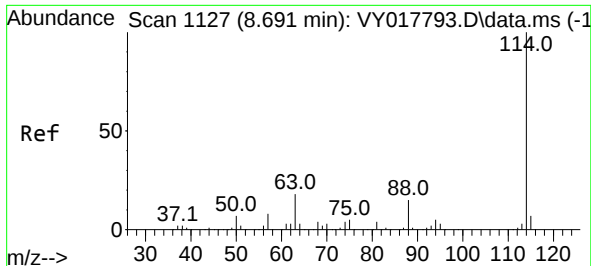
Tgt Ion:168 Resp: 191939
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.829 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017824.D
Acq: 03 Apr 2024 10:04

Tgt Ion: 65 Resp: 101032
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1127

Delta R.T. 0.018 min

Lab File: VY017824.D

Acq: 03 Apr 2024 10:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBL01

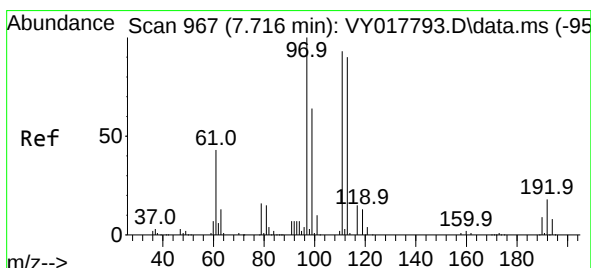
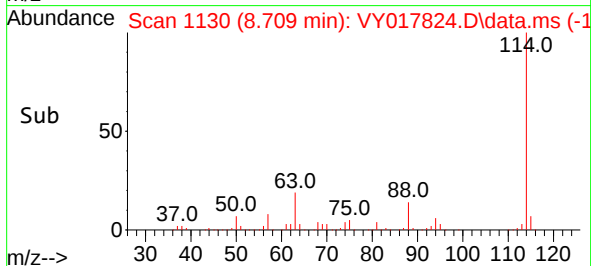
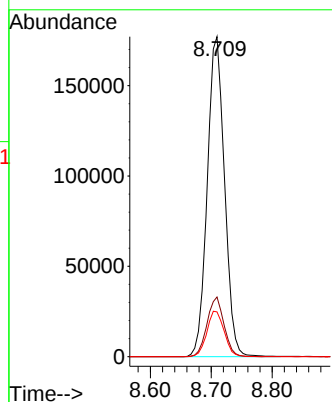
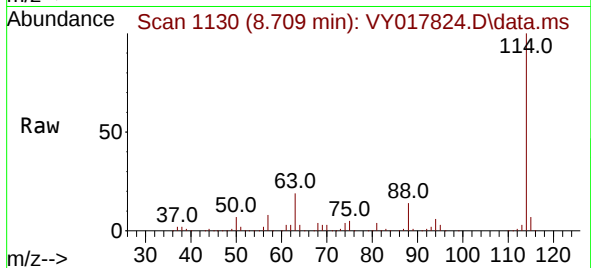
Tgt Ion:114 Resp: 348811

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.206 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017824.D

Acq: 03 Apr 2024 10:04

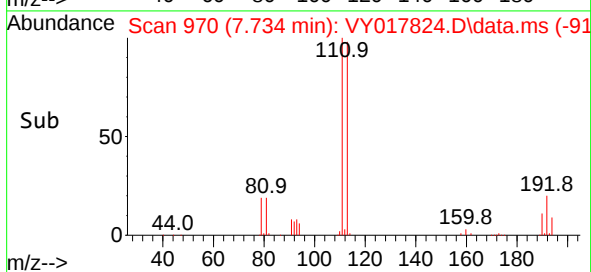
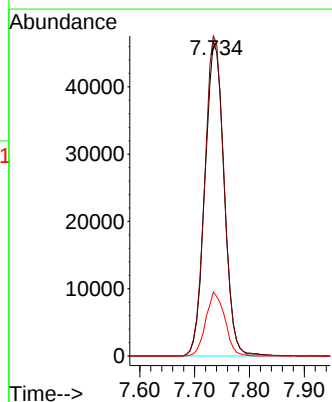
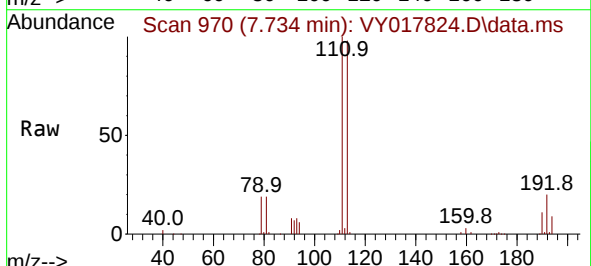
Tgt Ion:113 Resp: 113288

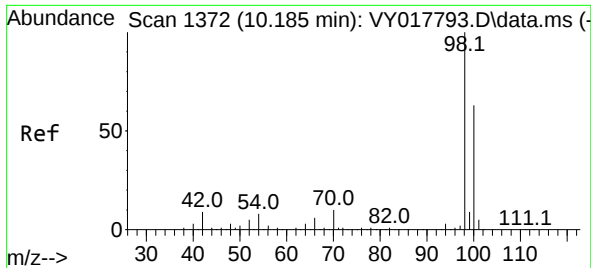
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 20.1 15.9 23.9

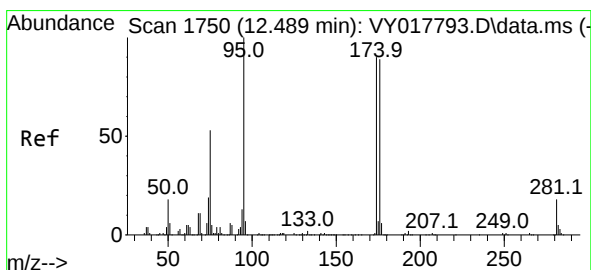
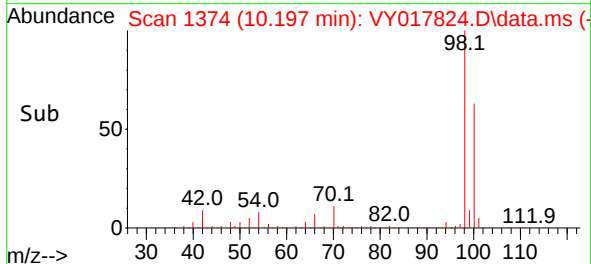
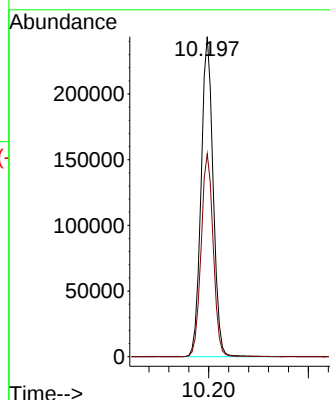
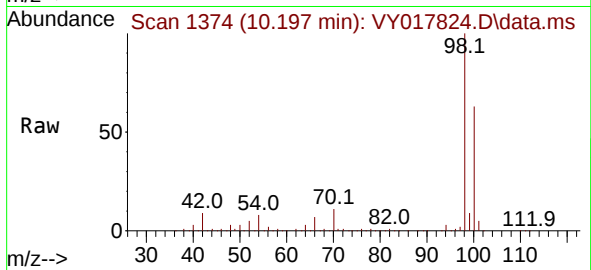




#50
Toluene-d8
Concen: 54.140 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017824.D
Acq: 03 Apr 2024 10:04

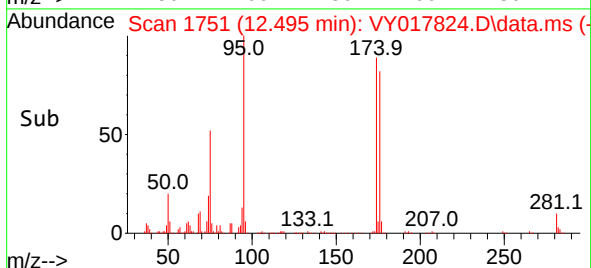
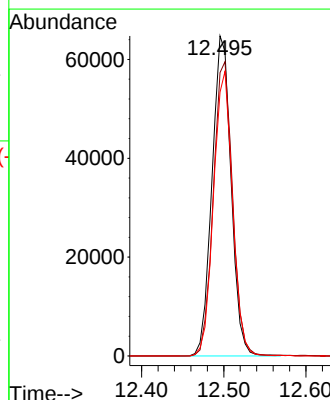
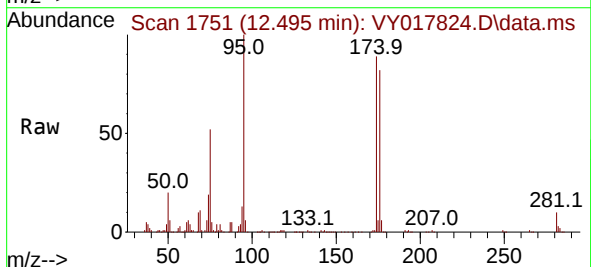
Instrument :
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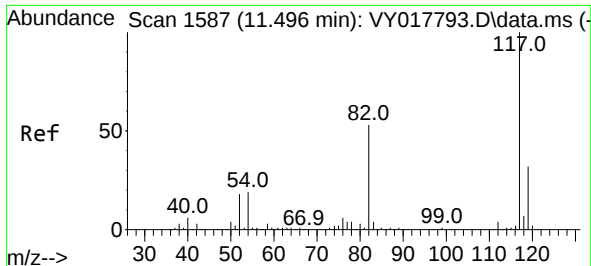
Tgt Ion: 98 Resp: 407624
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.595 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017824.D
Acq: 03 Apr 2024 10:04

Tgt Ion: 95 Resp: 104445
Ion Ratio Lower Upper
95 100
174 92.9 0.0 175.6
176 88.5 0.0 171.4

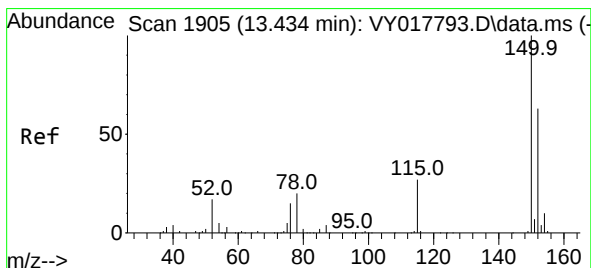
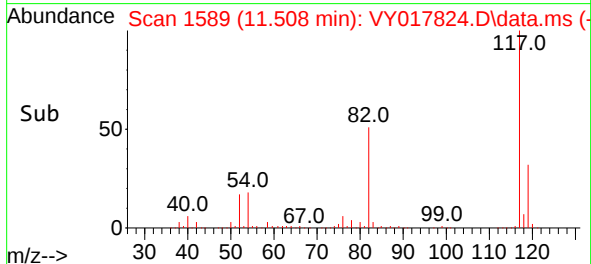
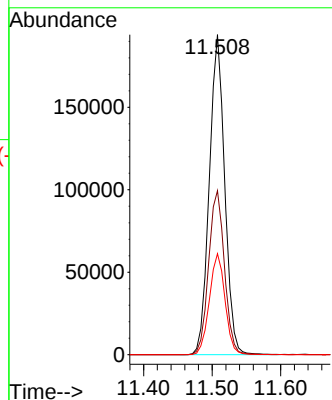
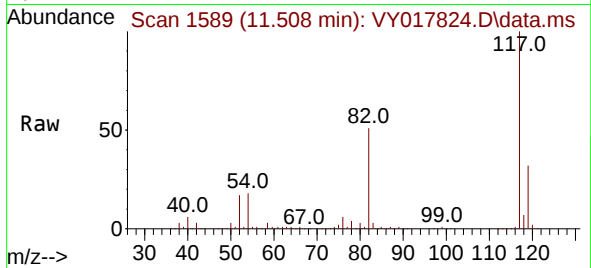




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017824.D
Acq: 03 Apr 2024 10:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBL01

Tgt Ion:117 Resp: 304336
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017824.D
Acq: 03 Apr 2024 10:04

Tgt Ion:152 Resp: 108193
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 156.6 0.0 345.6

