

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016832.D
 Acq On : 23 Dec 2023 01:40
 Operator : SY/MD
 Sample : VY1222SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1222SBL02

Quant Time: Dec 23 01:56:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.825	168	120062	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	233684	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	203676	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	76031	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	71204	64.965	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.920%
35) Dibromofluoromethane	7.752	113	70837	52.919	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.840%
50) Toluene-d8	10.209	98	240358	49.810	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.507	95	72932	46.586	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.180%

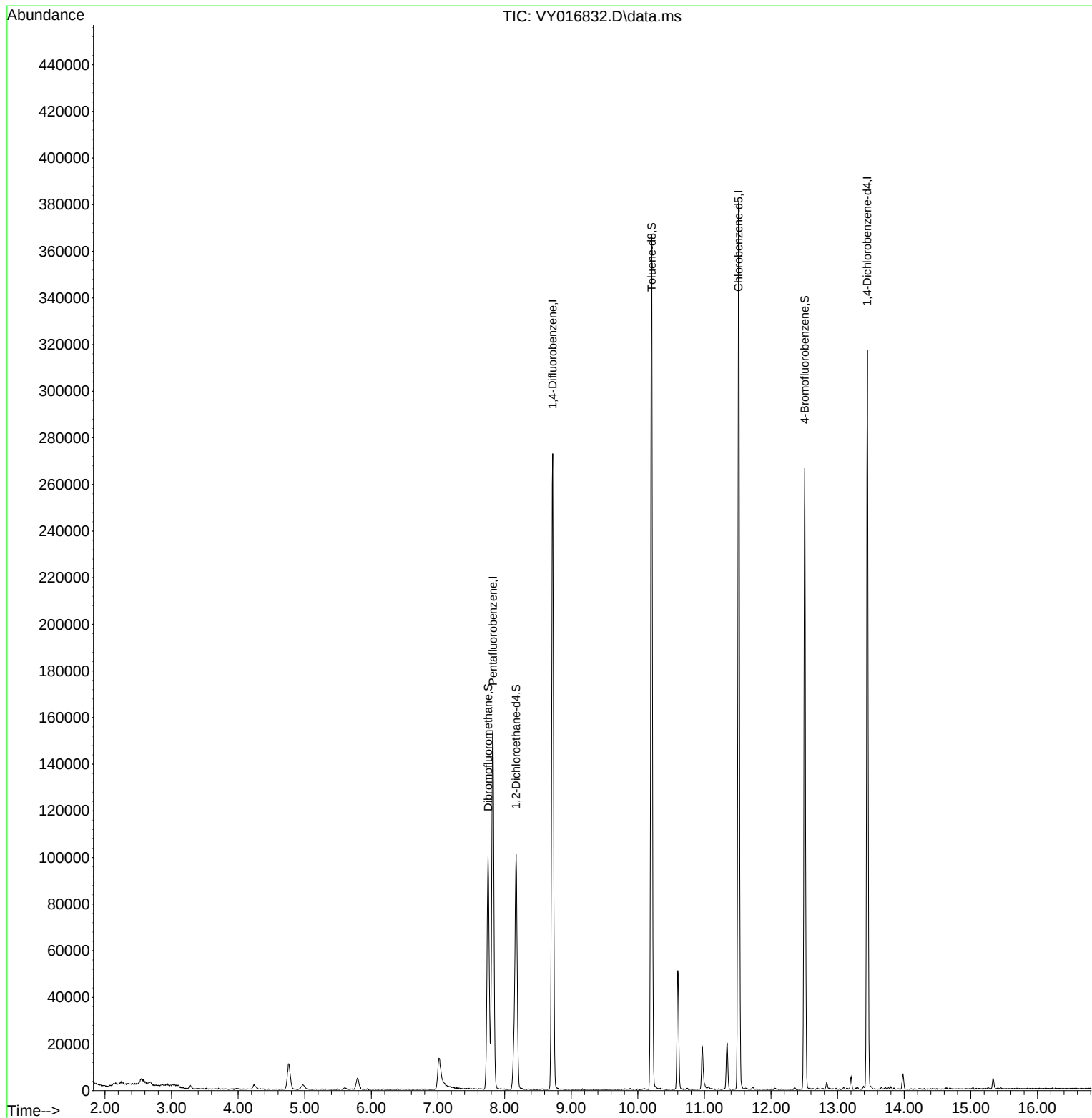
Target Compounds	Qvalue

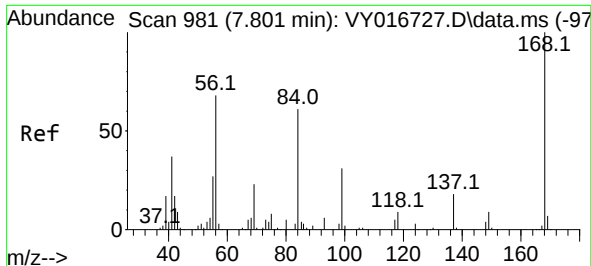
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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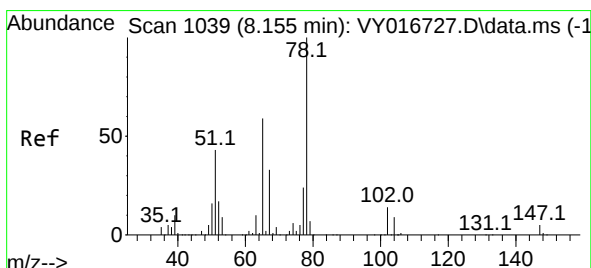
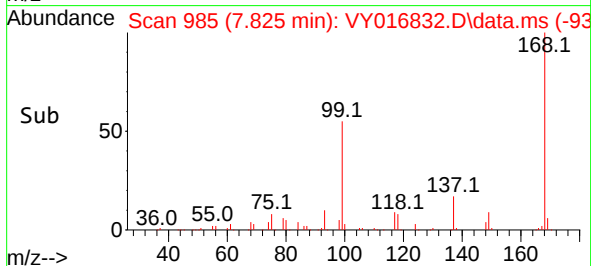
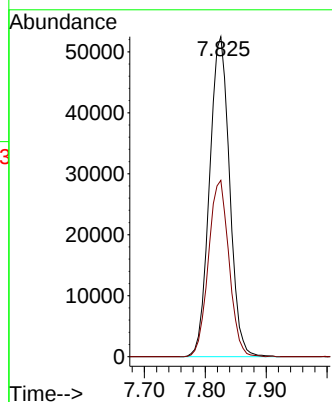
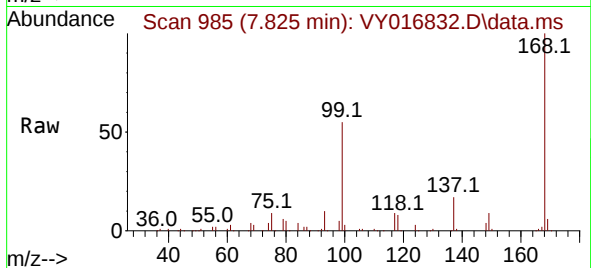




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016832.D
Acq: 23 Dec 2023 01:40

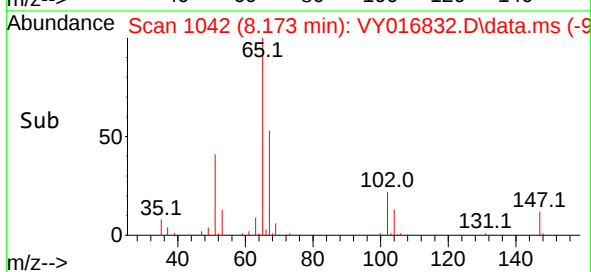
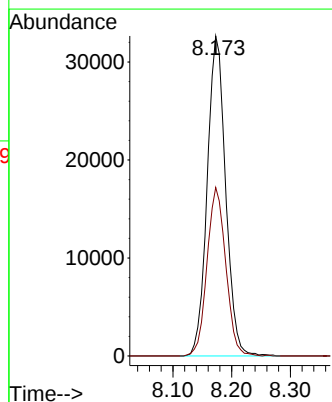
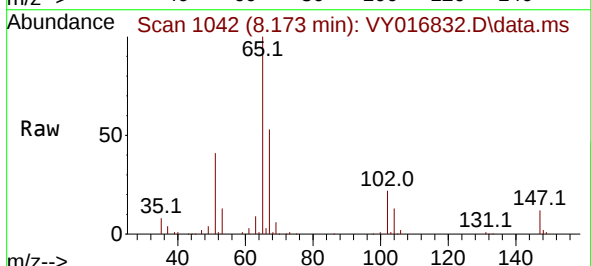
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL02

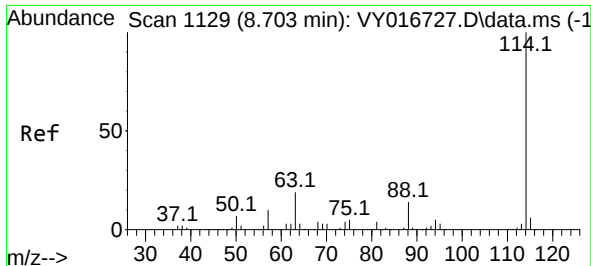
Tgt Ion:168 Resp: 120062
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 64.965 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY016832.D
Acq: 23 Dec 2023 01:40

Tgt Ion: 65 Resp: 71204
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1129

Delta R.T. 0.019 min

Lab File: VY016832.D

Acq: 23 Dec 2023 01:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1222SBL02

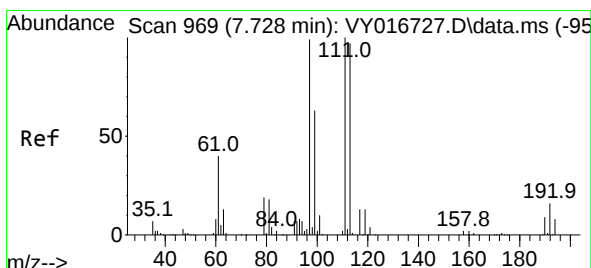
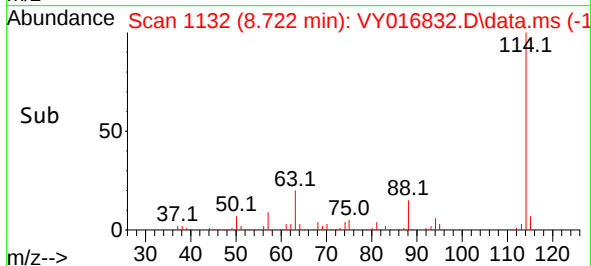
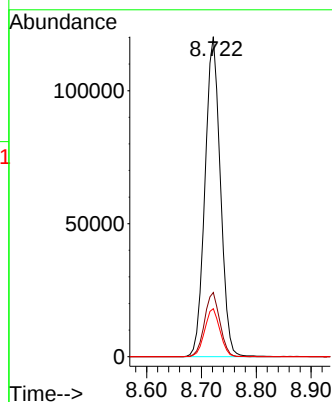
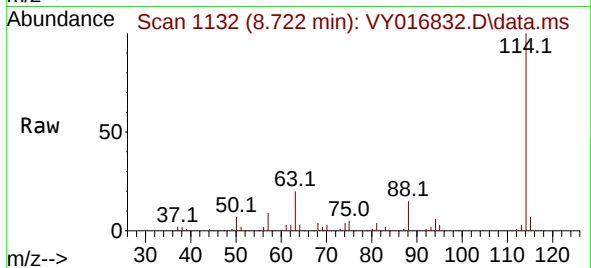
Tgt Ion:114 Resp: 233684

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.919 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY016832.D

Acq: 23 Dec 2023 01:40

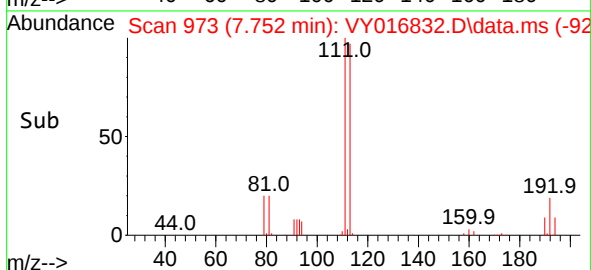
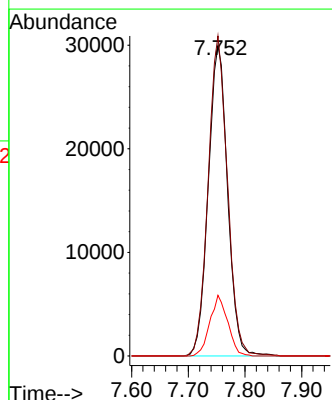
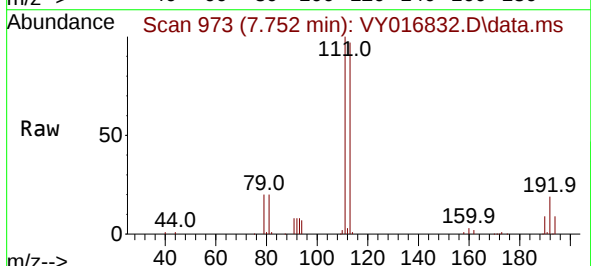
Tgt Ion:113 Resp: 70837

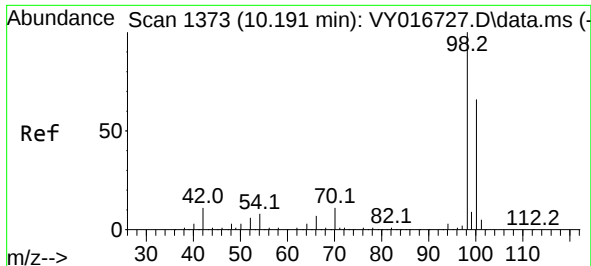
Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.1 14.5 21.7

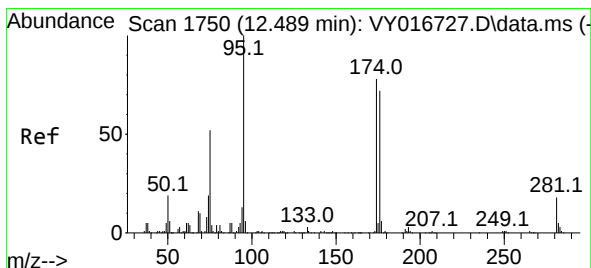
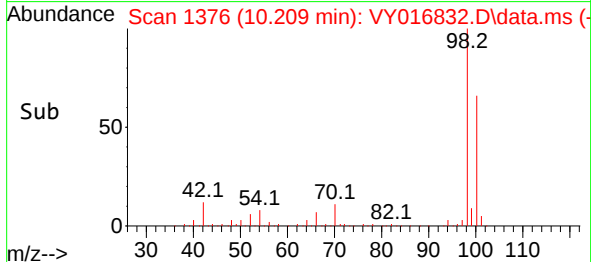
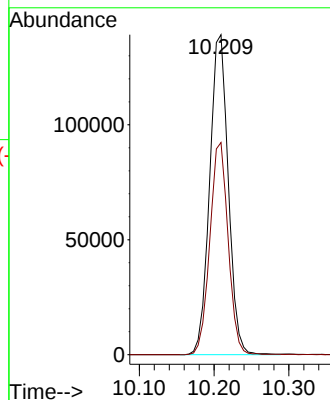
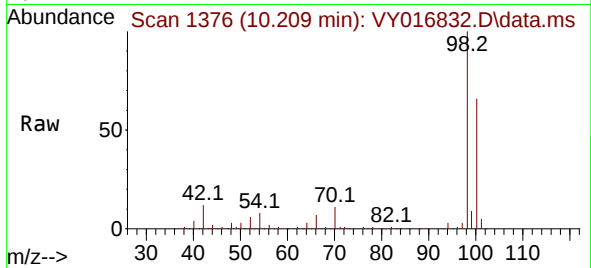




#50
Toluene-d8
Concen: 49.810 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016832.D
Acq: 23 Dec 2023 01:40

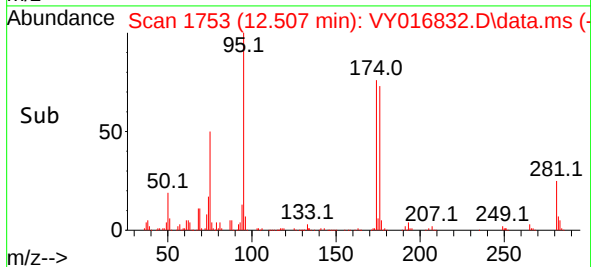
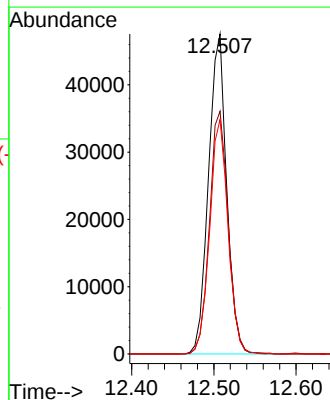
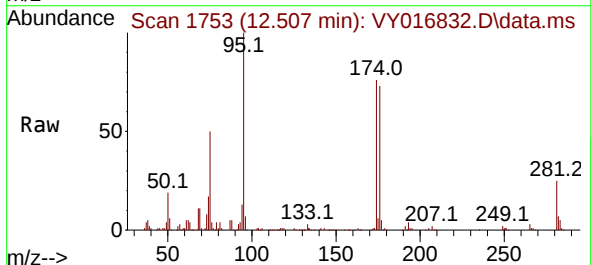
Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL02

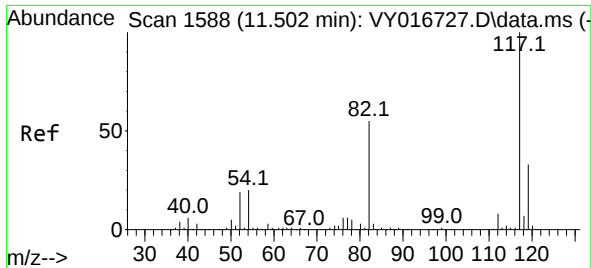
Tgt Ion: 98 Resp: 240358
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.586 ug/l
RT: 12.507 min Scan# 1753
Delta R.T. 0.018 min
Lab File: VY016832.D
Acq: 23 Dec 2023 01:40

Tgt Ion: 95 Resp: 72932
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 73.9 0.0 151.8

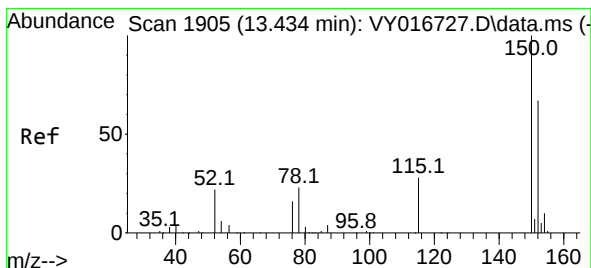
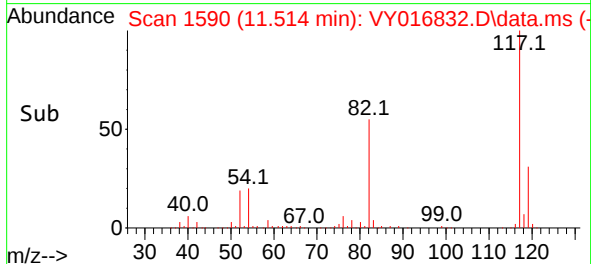
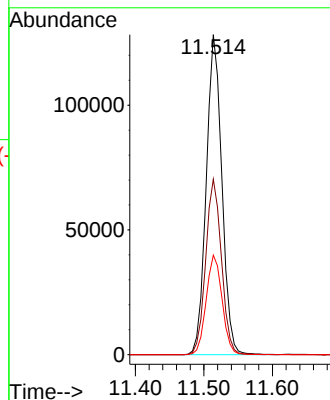
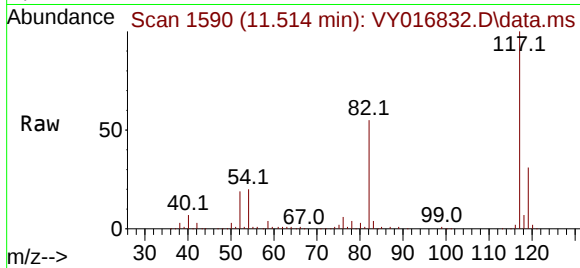




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016832.D
Acq: 23 Dec 2023 01:40

Instrument :
MSVOA_Y
ClientSampleId :
VY1222SBL02

Tgt Ion:117 Resp: 203676
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 31.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016832.D
Acq: 23 Dec 2023 01:40

Tgt Ion:152 Resp: 76031
Ion Ratio Lower Upper
152 100
115 60.9 30.0 90.0
150 160.0 0.0 344.6

