

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112723\
 Data File : VY016500.D
 Acq On : 27 Nov 2023 11:05
 Operator : SY/MD
 Sample : VY1127SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBL01

Quant Time: Nov 28 00:14:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	114311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	180478	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	153641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	61004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	41771	39.982	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.960%
35) Dibromofluoromethane	7.734	113	50051	48.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.640%
50) Toluene-d8	10.191	98	206646	49.704	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.495	95	57734	42.756	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.520%

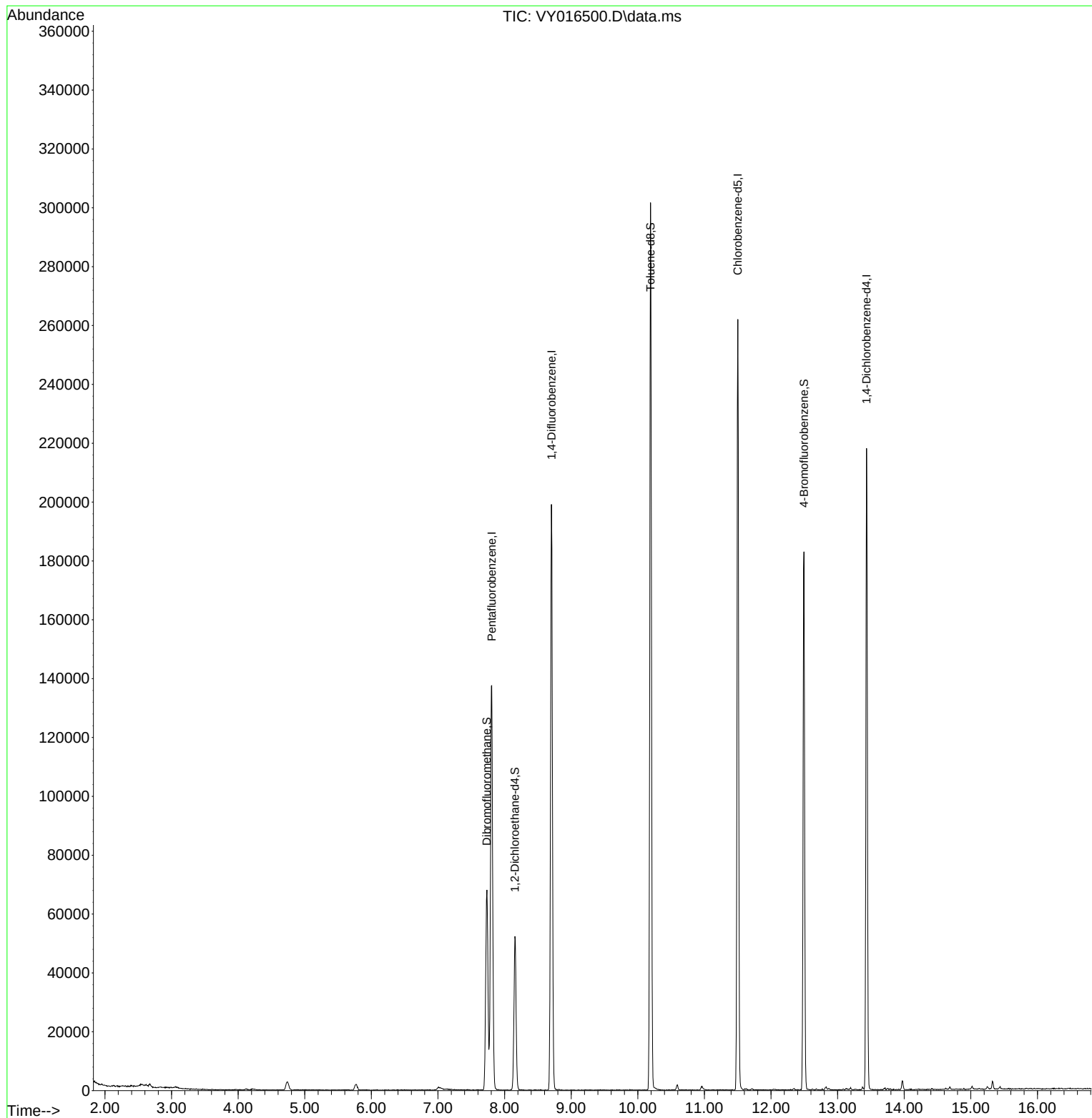
Target Compounds	Qvalue

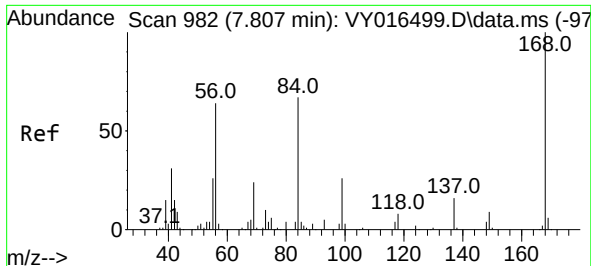
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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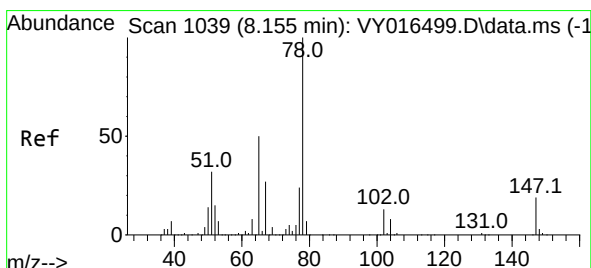
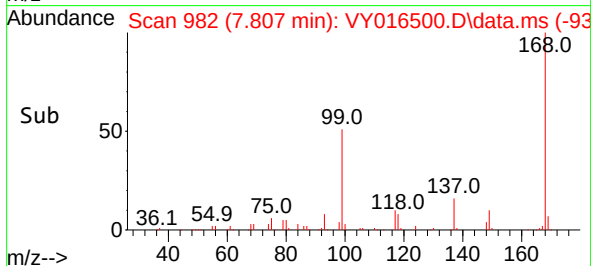
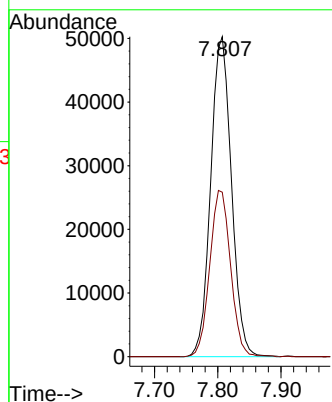
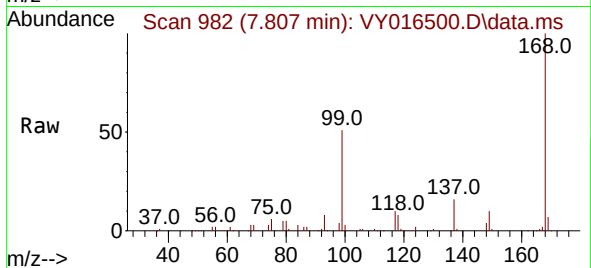




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY016500.D
Acq: 27 Nov 2023 11:05

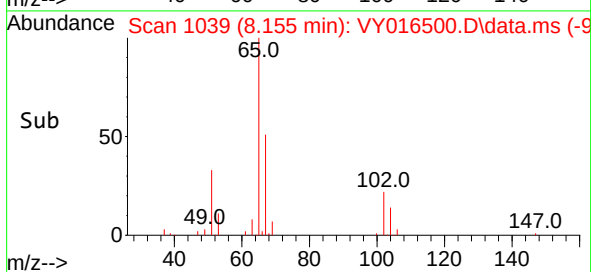
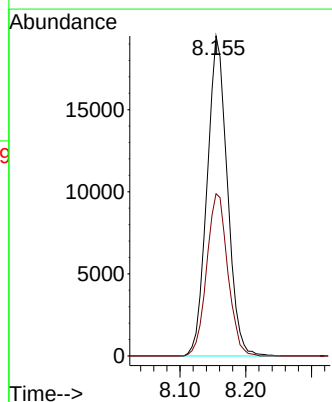
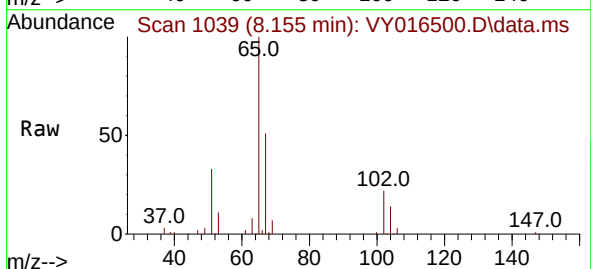
Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBL01

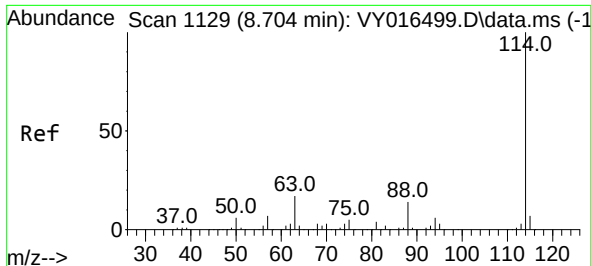
Tgt Ion:168 Resp: 114311
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 39.982 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016500.D
Acq: 27 Nov 2023 11:05

Tgt Ion: 65 Resp: 41771
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016500.D

Acq: 27 Nov 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBL01

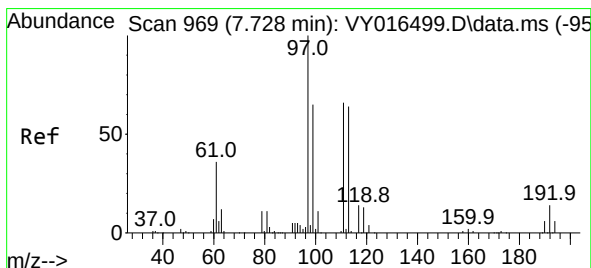
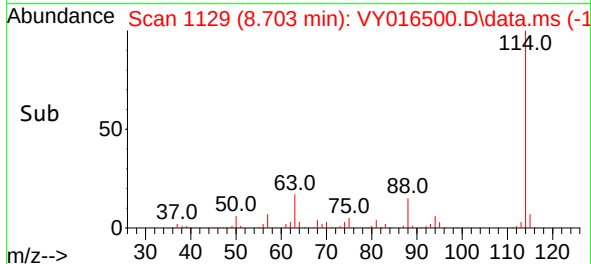
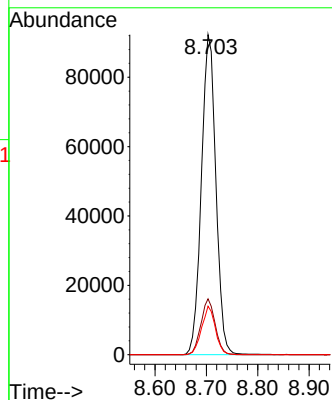
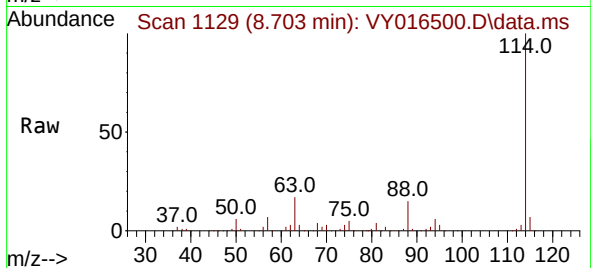
Tgt Ion:114 Resp: 180478

Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.819 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY016500.D

Acq: 27 Nov 2023 11:05

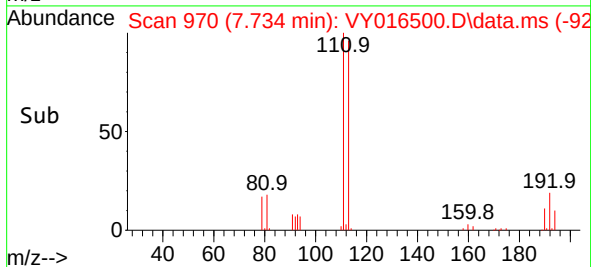
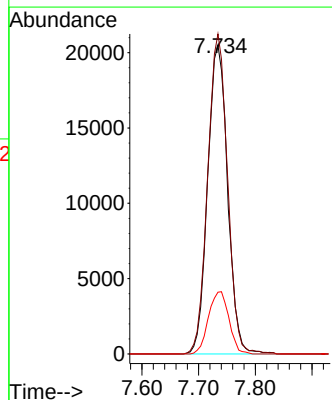
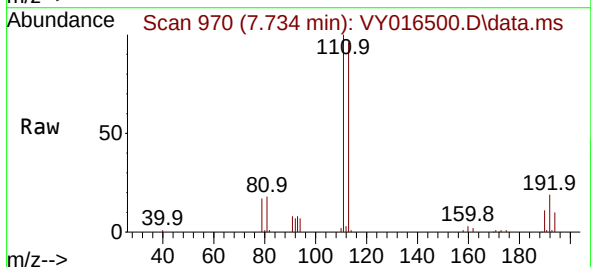
Tgt Ion:113 Resp: 50051

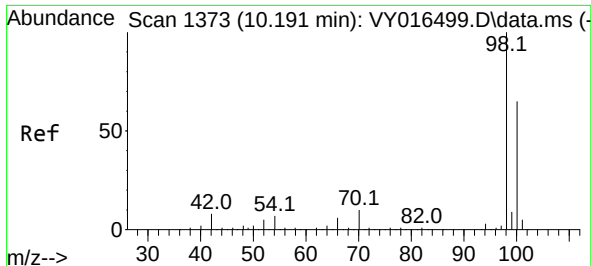
Ion Ratio Lower Upper

113 100

111 103.1 81.3 121.9

192 20.7 16.9 25.3

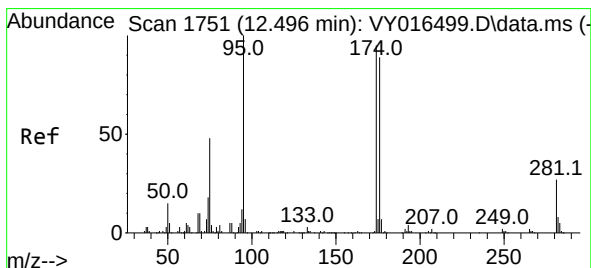
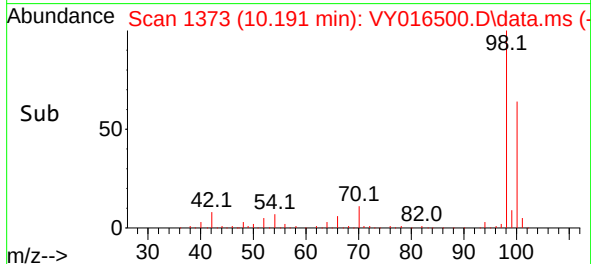
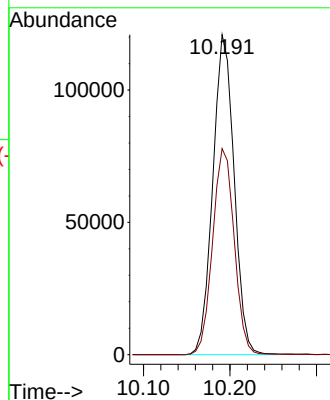
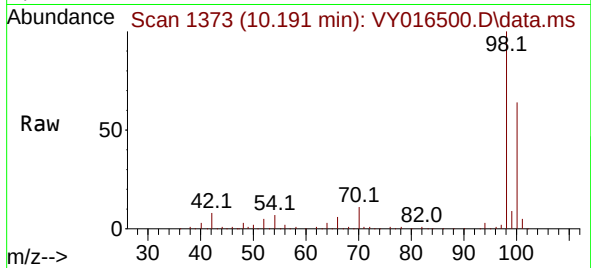




#50
Toluene-d8
Concen: 49.704 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016500.D
Acq: 27 Nov 2023 11:05

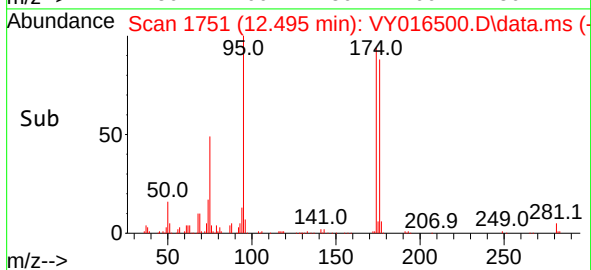
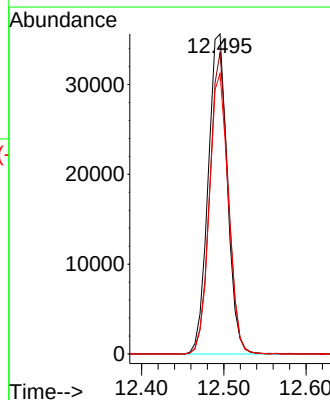
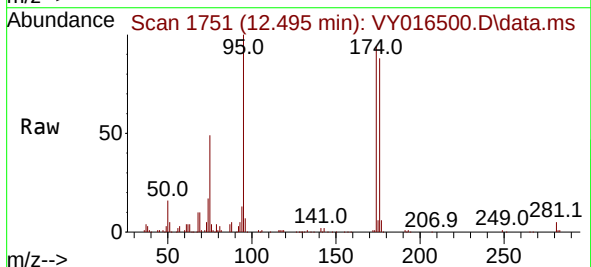
Instrument :
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ClientSampleId :
VY1127SBL01

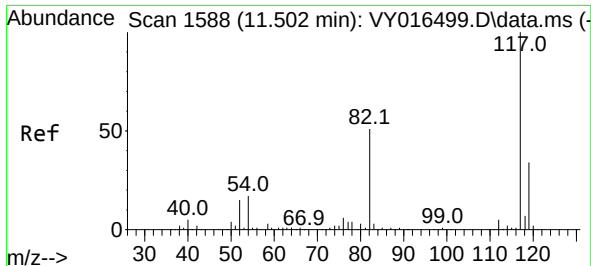
Tgt Ion: 98 Resp: 206646
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 42.756 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016500.D
Acq: 27 Nov 2023 11:05

Tgt Ion: 95 Resp: 57734
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.2
176 87.0 0.0 173.8

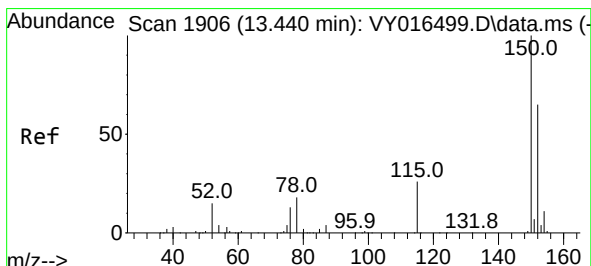
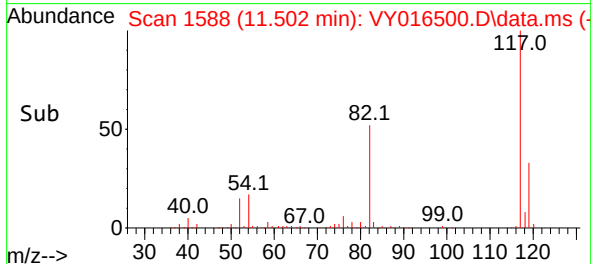
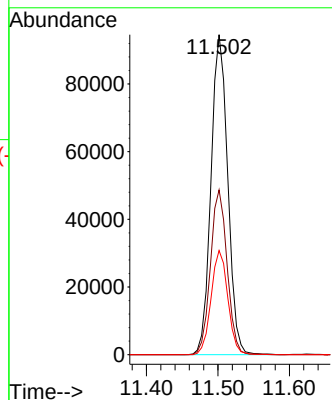
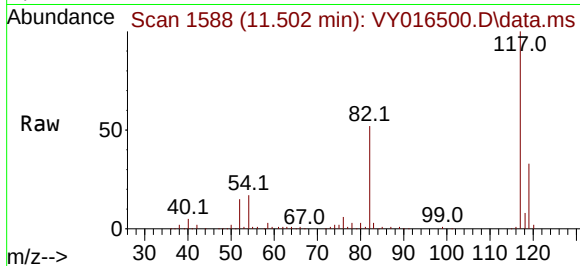




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016500.D
Acq: 27 Nov 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBL01

Tgt Ion:117 Resp: 153641
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016500.D
Acq: 27 Nov 2023 11:05

Tgt Ion:152 Resp: 61004
Ion Ratio Lower Upper
152 100
115 56.0 28.8 86.5
150 157.8 0.0 348.8

