

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017546.D
 Acq On : 01 Mar 2024 12:14
 Operator : SY/MD
 Sample : P1620-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: Mar 02 00:16:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	129895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	237589	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	204486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73166	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61530	49.982	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.960%
35) Dibromofluoromethane	7.734	113	75047	45.329	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.660%
50) Toluene-d8	10.191	98	269587	46.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.495	95	68613	37.716	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.440%

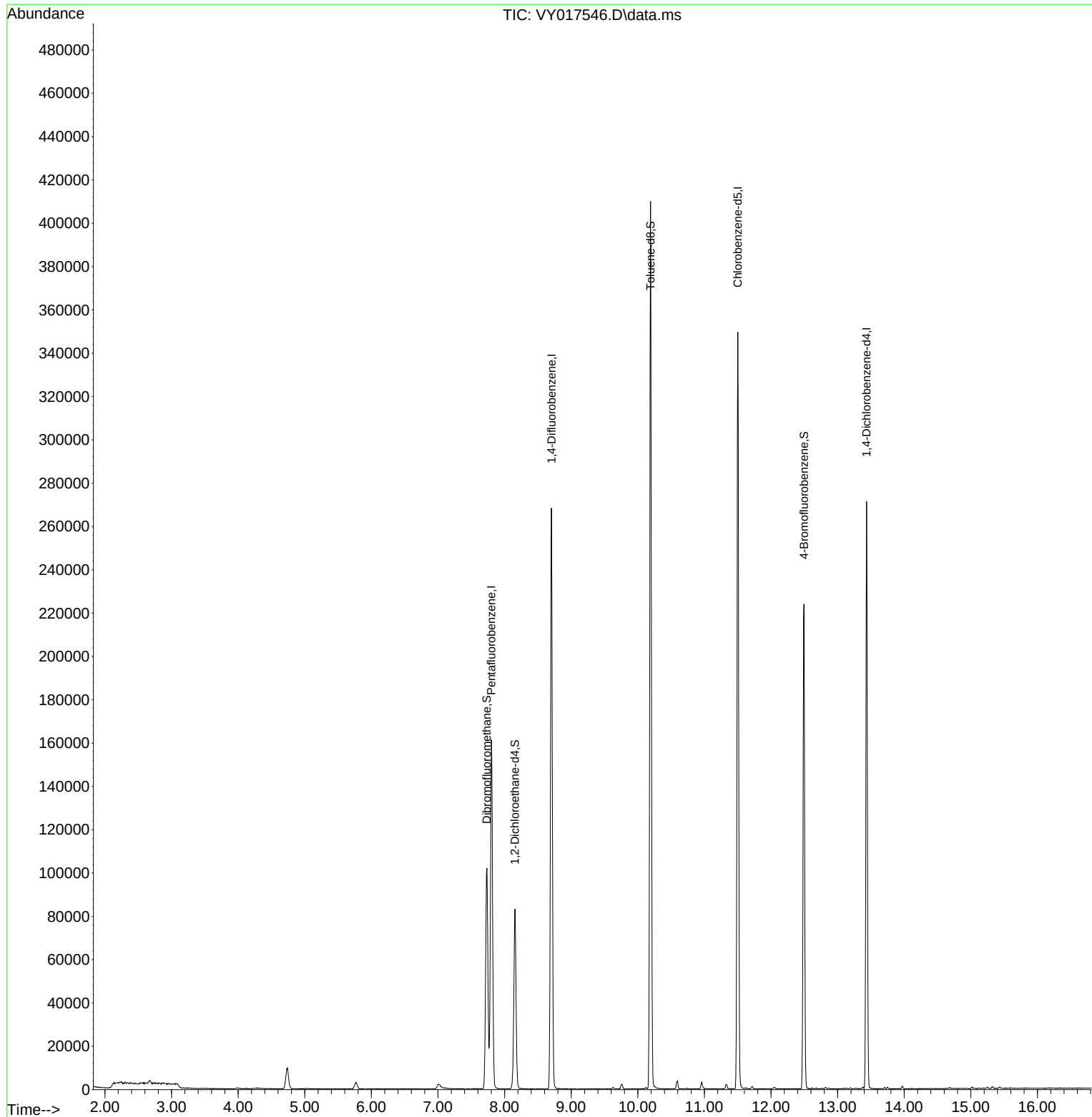
Target Compounds	Qvalue

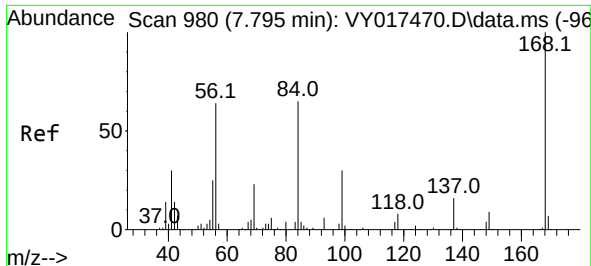
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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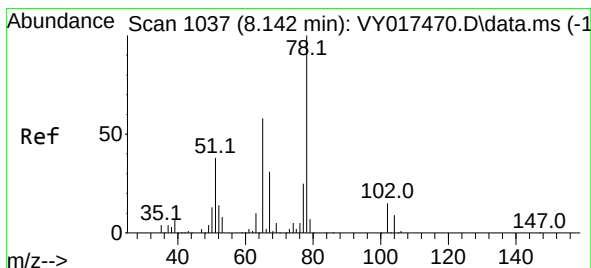
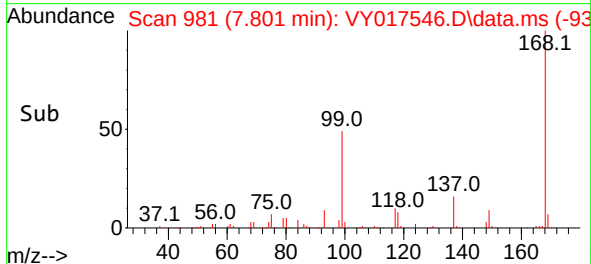
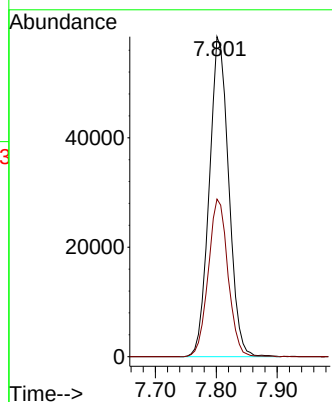
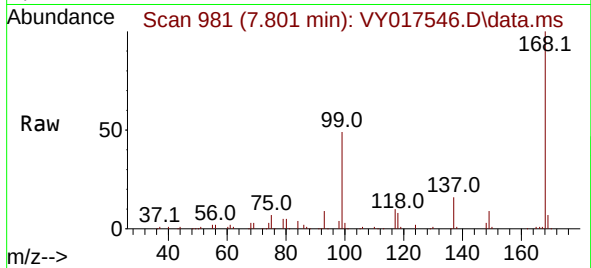




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

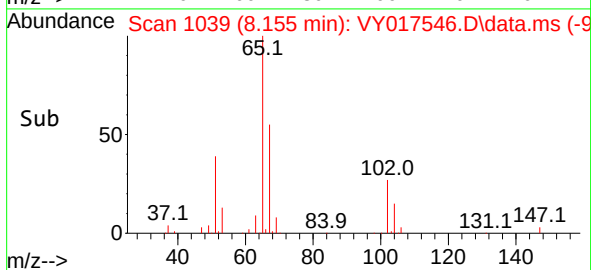
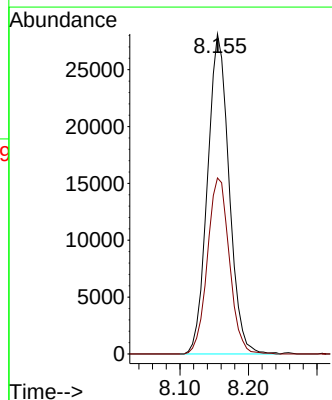
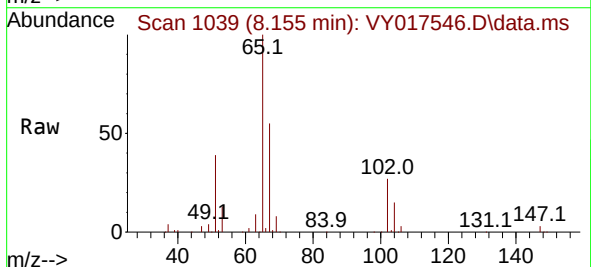
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

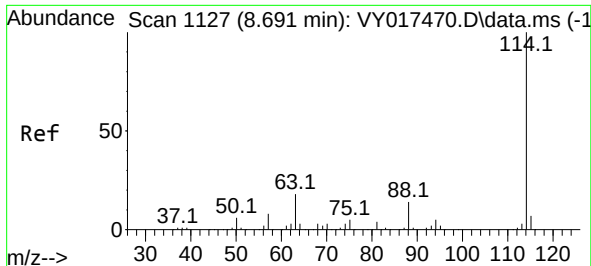
Tgt Ion:168 Resp: 129895
Ion Ratio Lower Upper
168 100
99 49.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.982 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

Tgt Ion: 65 Resp: 61530
Ion Ratio Lower Upper
65 100
67 55.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017546.D

Acq: 01 Mar 2024 12:14

Instrument :

MSVOA_Y

ClientSampleId :

SP-1

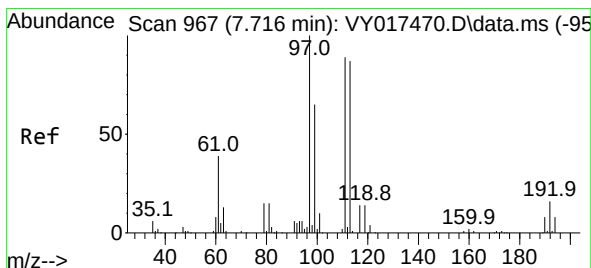
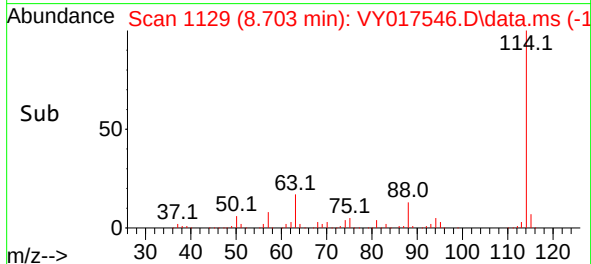
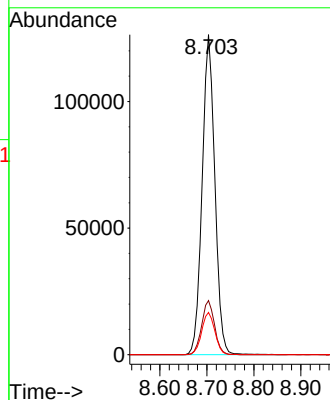
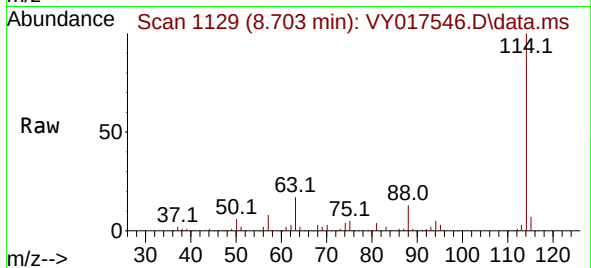
Tgt Ion:114 Resp: 237589

Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.329 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.018 min

Lab File: VY017546.D

Acq: 01 Mar 2024 12:14

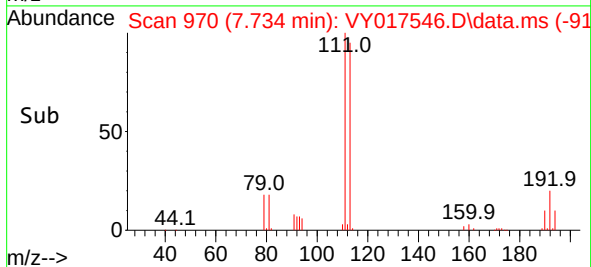
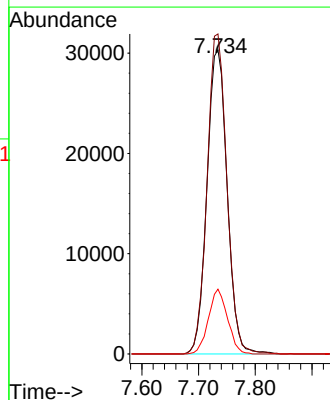
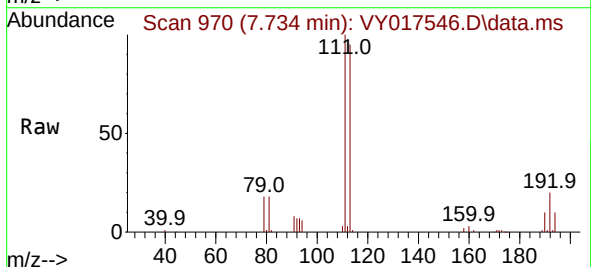
Tgt Ion:113 Resp: 75047

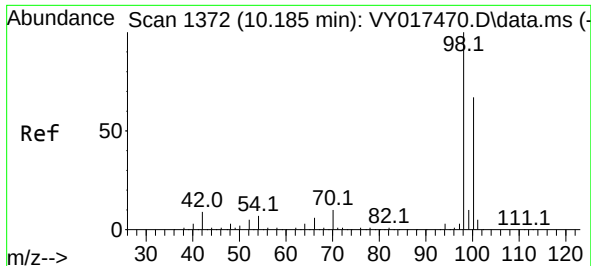
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 20.2 15.9 23.9

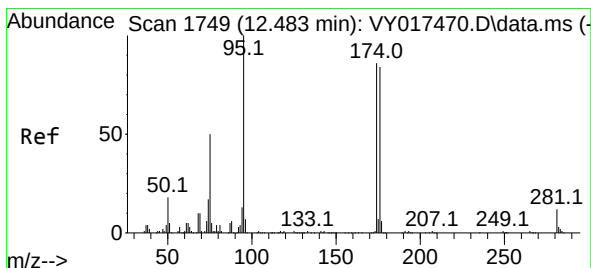
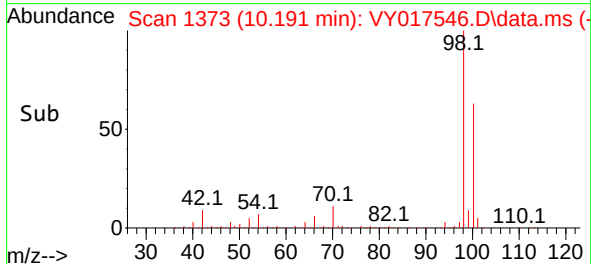
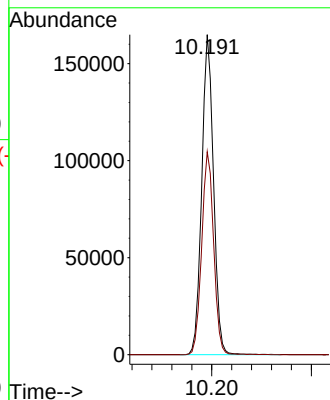
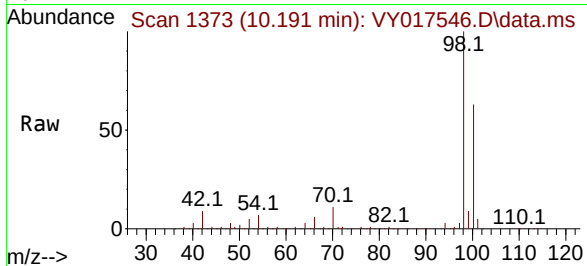




#50
Toluene-d8
Concen: 46.572 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

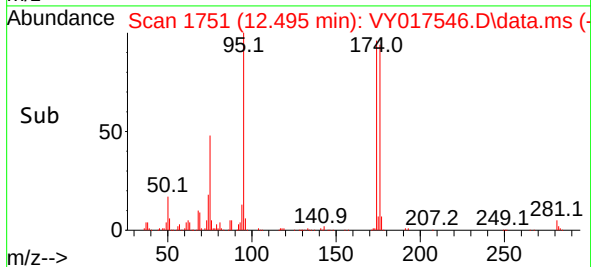
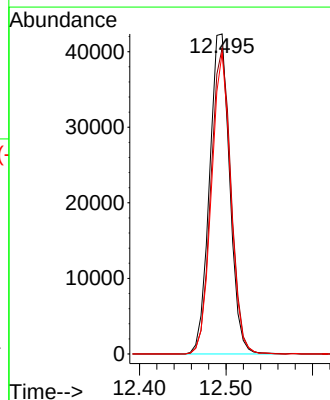
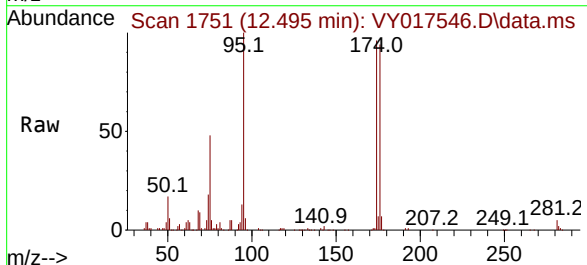
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

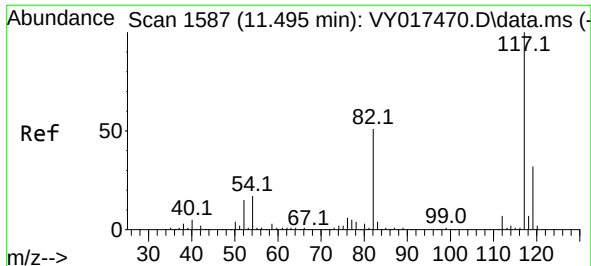
Tgt Ion: 98 Resp: 269587
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.716 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

Tgt Ion: 95 Resp: 68613
Ion Ratio Lower Upper
95 100
174 95.1 0.0 175.6
176 90.2 0.0 171.4

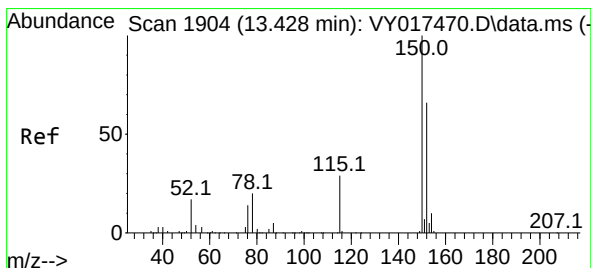
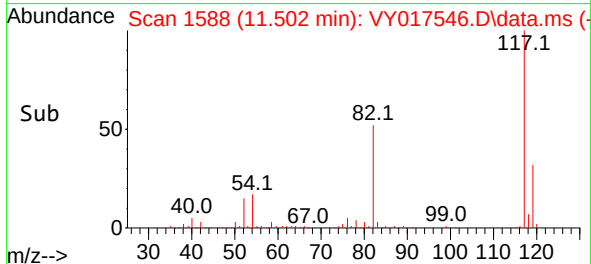
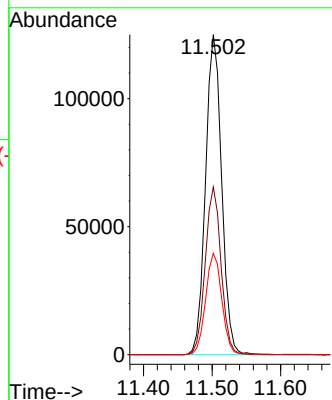
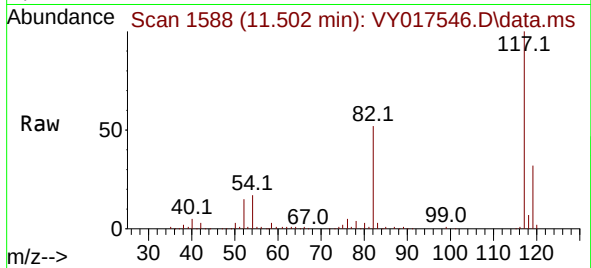




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

Instrument :
MSVOA_Y
ClientSampleId :
SP-1

Tgt Ion:117 Resp: 204486
Ion Ratio Lower Upper
117 100
82 52.4 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. 0.006 min
Lab File: VY017546.D
Acq: 01 Mar 2024 12:14

Tgt Ion:152 Resp: 73166
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 156.4 0.0 345.6

