

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017713.D
 Acq On : 19 Mar 2024 17:43
 Operator : SY/MD
 Sample : P1804-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-03192024-A

Quant Time: Mar 20 03:04:33 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	116729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	193917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	73397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59793	54.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.100%	
35) Dibromofluoromethane	7.728	113	70374	46.830	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.660%	
50) Toluene-d8	10.191	98	245987	46.817	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.640%	
62) 4-Bromofluorobenzene	12.495	95	66639	40.356	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.720%	

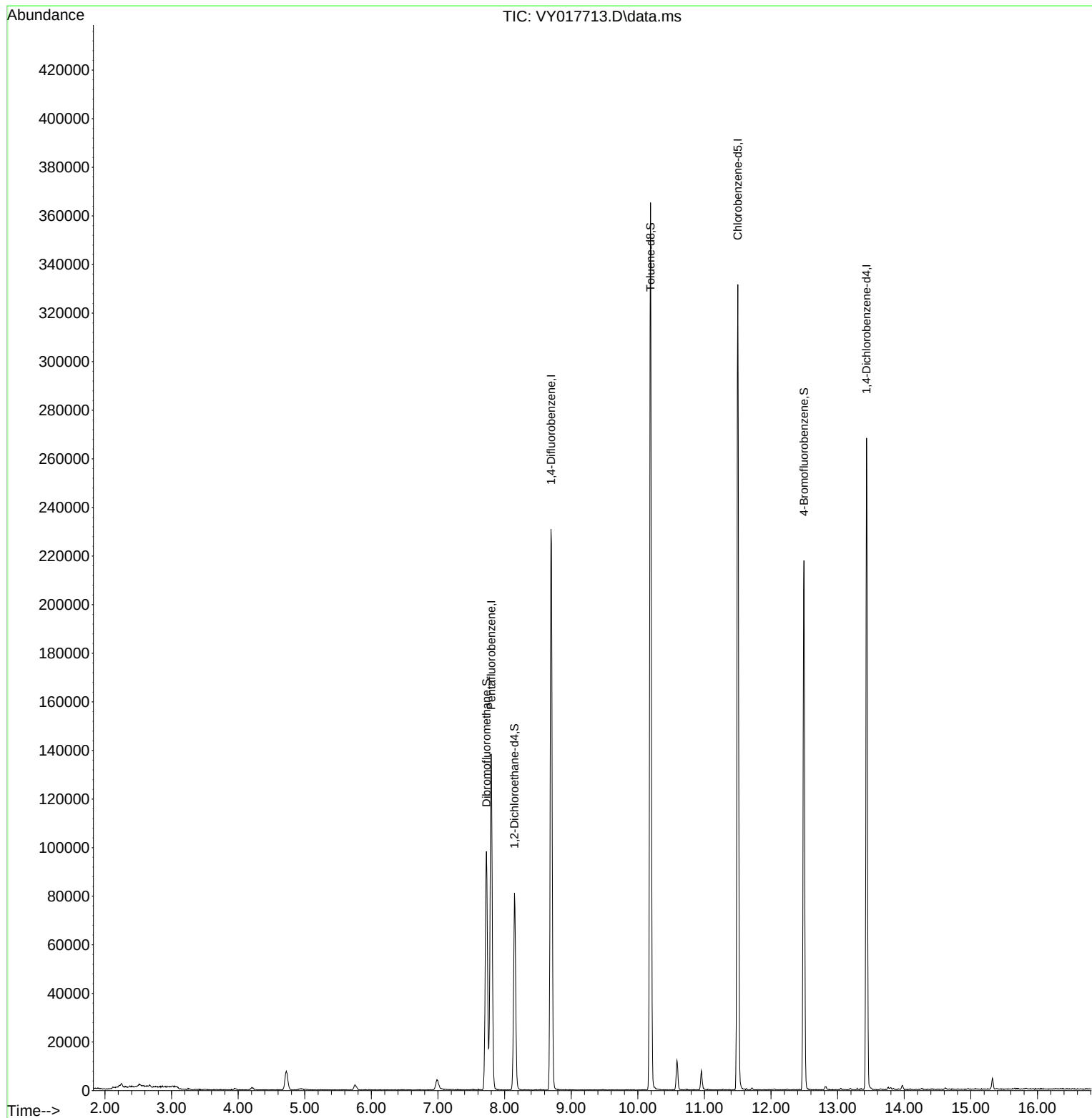
Target Compounds	Qvalue

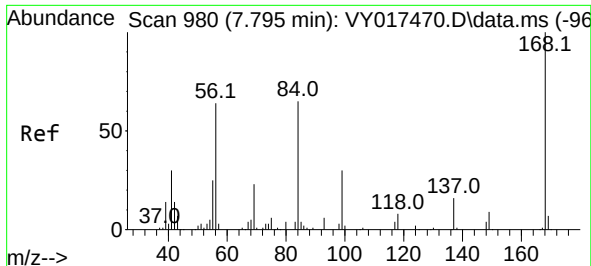
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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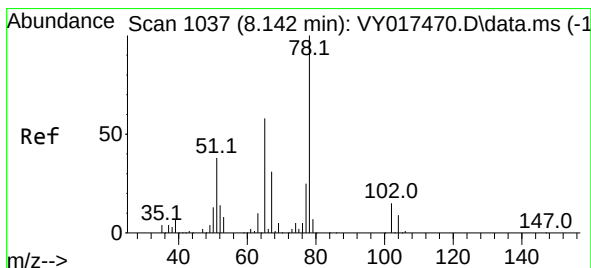
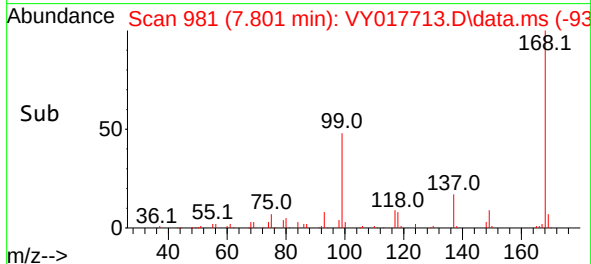
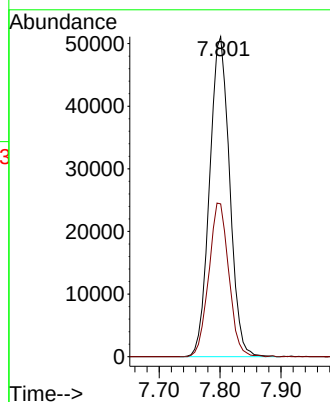
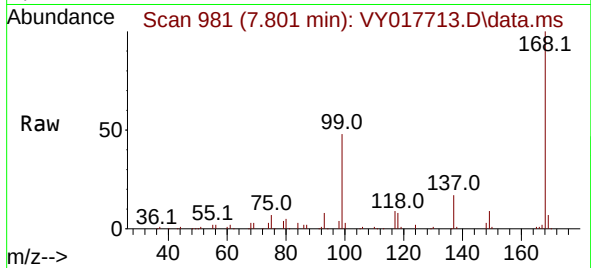




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

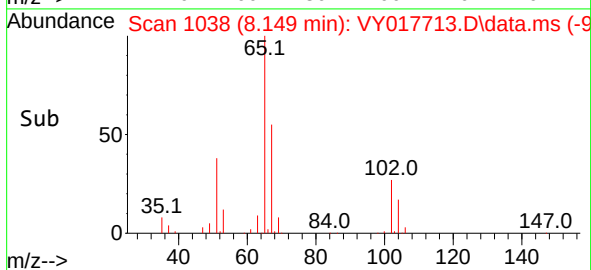
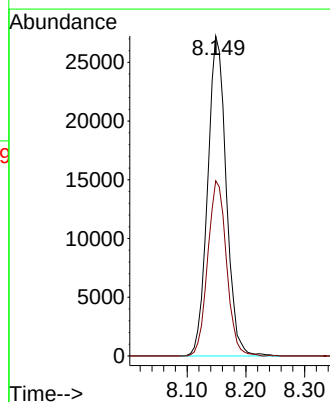
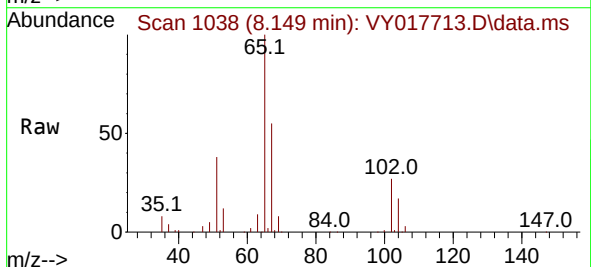
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03192024-A

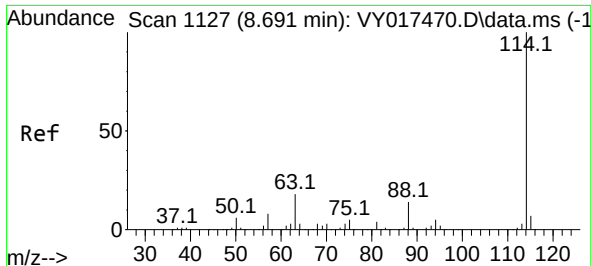
Tgt Ion:168 Resp: 116729
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.049 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

Tgt Ion: 65 Resp: 59793
Ion Ratio Lower Upper
65 100
67 55.4 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: VY017713.D

Acq: 19 Mar 2024 17:43

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-03192024-A

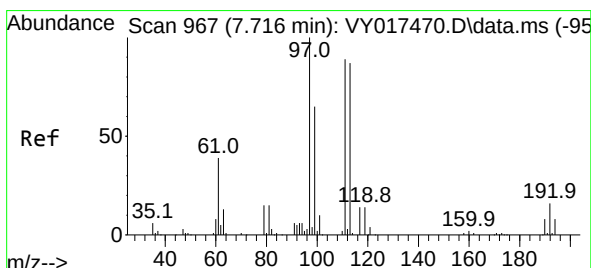
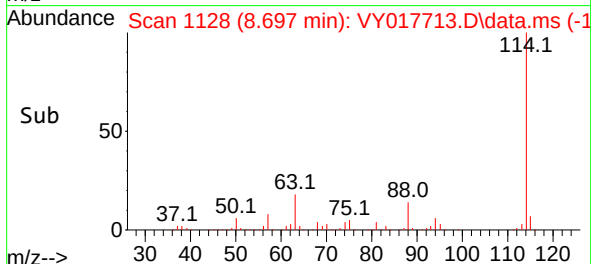
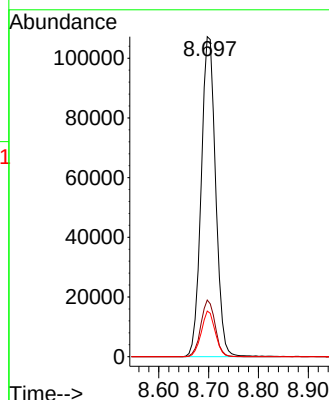
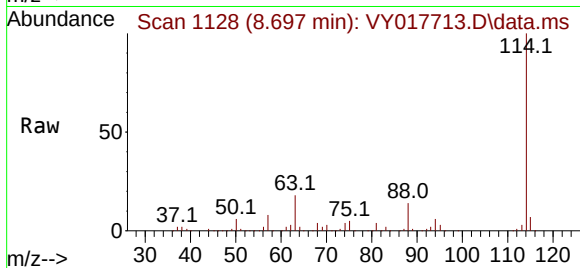
Tgt Ion:114 Resp: 215657

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.830 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017713.D

Acq: 19 Mar 2024 17:43

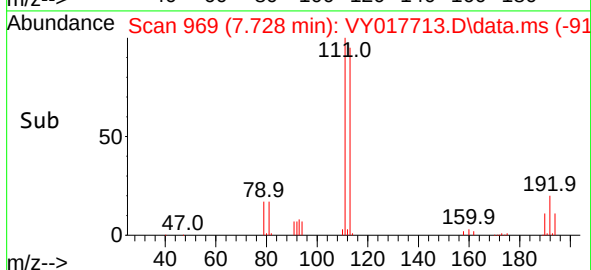
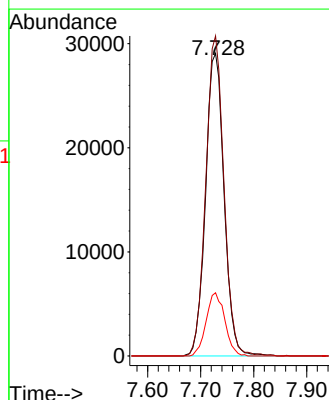
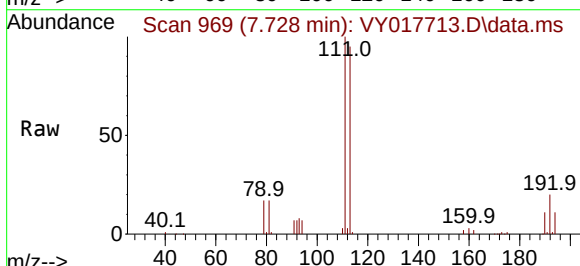
Tgt Ion:113 Resp: 70374

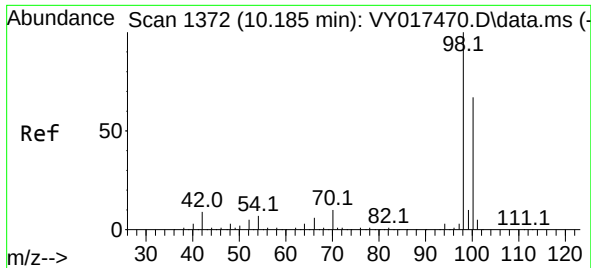
Ion Ratio Lower Upper

113 100

111 103.8 82.2 123.4

192 21.1 15.9 23.9

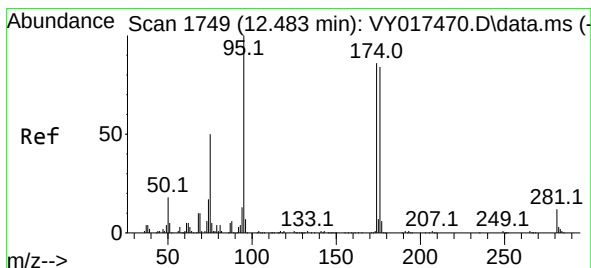
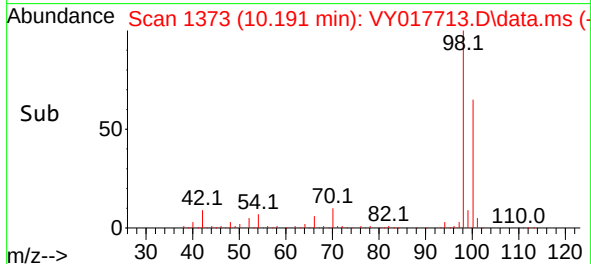
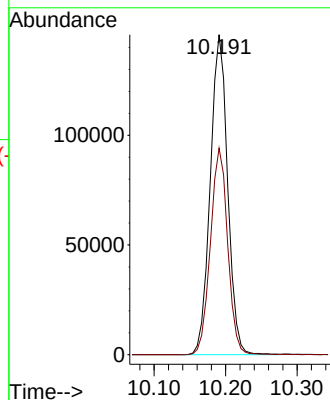
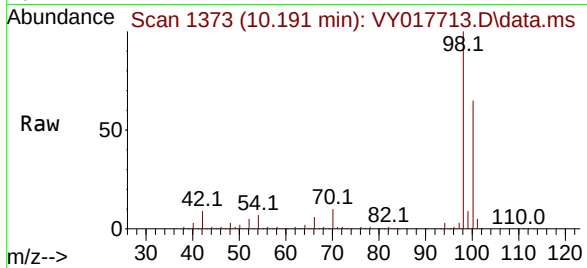




#50
Toluene-d8
Concen: 46.817 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

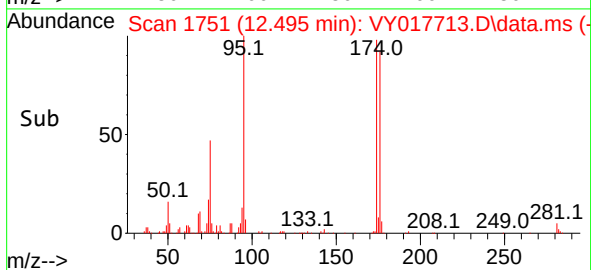
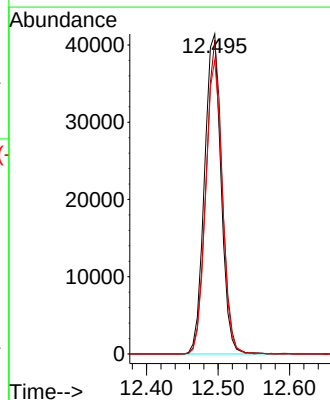
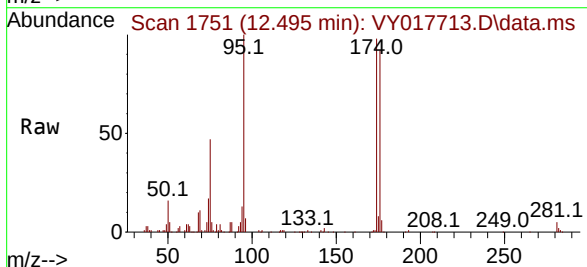
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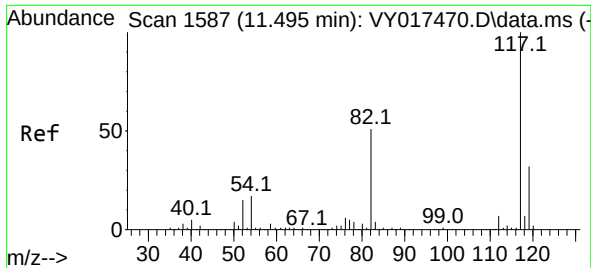
Tgt Ion: 98 Resp: 245987
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.356 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

Tgt Ion: 95 Resp: 66639
Ion Ratio Lower Upper
95 100
174 96.6 0.0 175.6
176 91.9 0.0 171.4

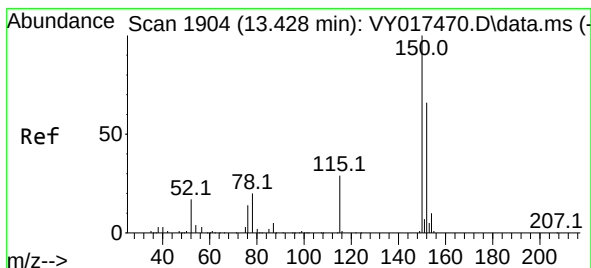
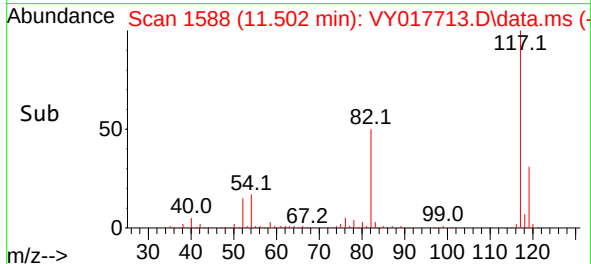
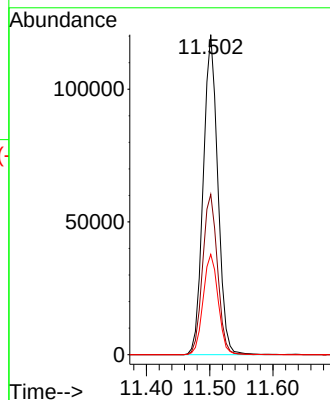
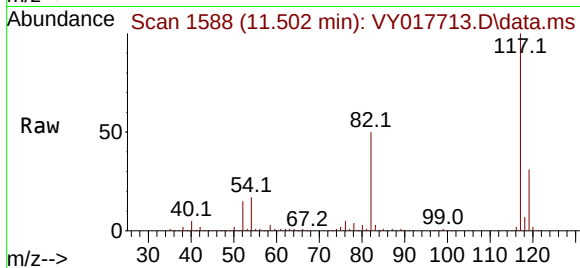




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017713.D
Acq: 19 Mar 2024 17:43

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03192024-A

Tgt Ion:117 Resp: 193917
Ion Ratio Lower Upper
117 100
82 50.1 42.4 63.6
119 31.4 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: VY017713.D
Acq: 19 Mar 2024 17:43

Tgt Ion:152 Resp: 73397
Ion Ratio Lower Upper
152 100
115 53.6 28.2 84.7
150 154.8 0.0 345.6

