

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080924\
 Data File : VY018973.D
 Acq On : 09 Aug 2024 17:41
 Operator : SY/MD
 Sample : P3518-23
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-12-080724

Quant Time: Aug 09 23:29:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	95291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	156050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	116225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	34298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	45206	54.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.060%	
35) Dibromofluoromethane	7.616	113	50219	50.387	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.780%	
50) Toluene-d8	10.103	98	184711	48.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.500%	
62) 4-Bromofluorobenzene	12.402	95	39557	34.828	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 69.660%	

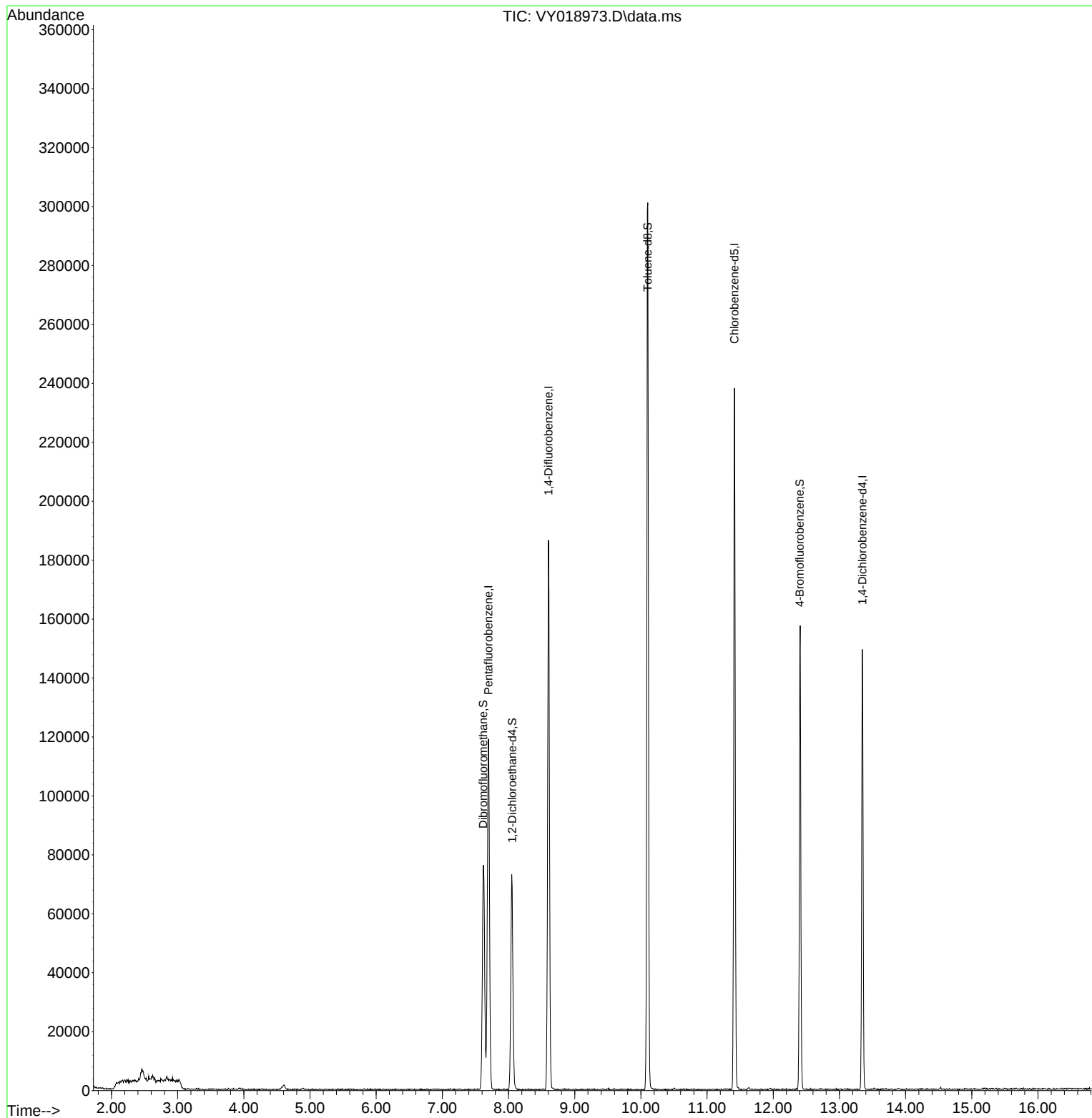
Target Compounds	Qvalue

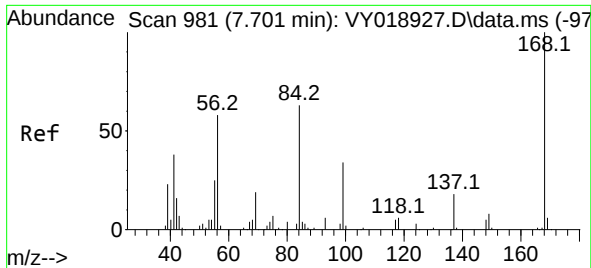
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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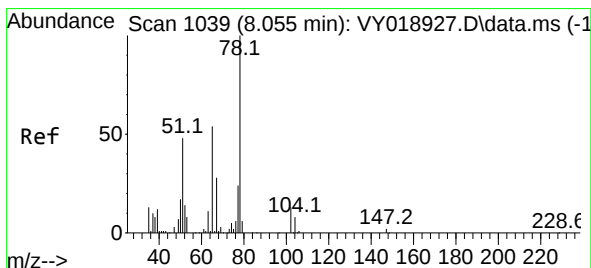
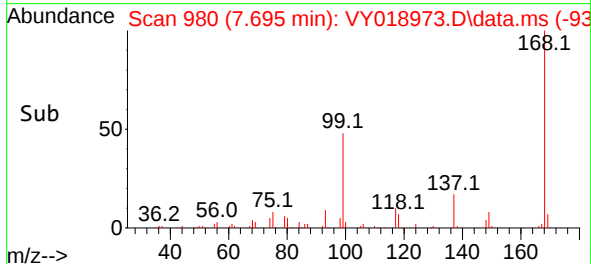
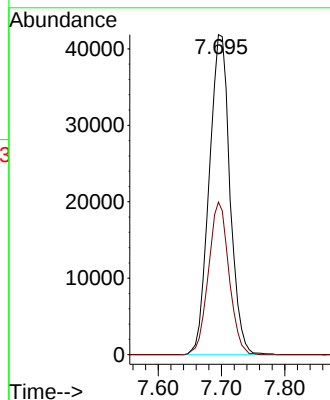
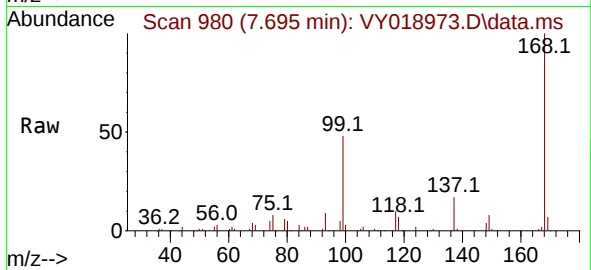




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018973.D
Acq: 09 Aug 2024 17:41

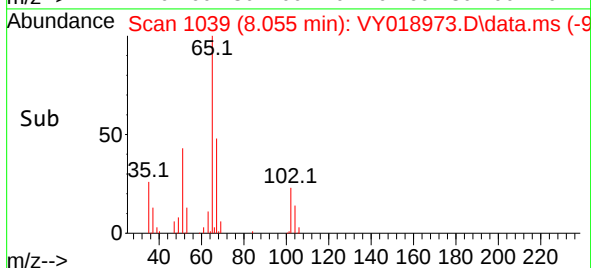
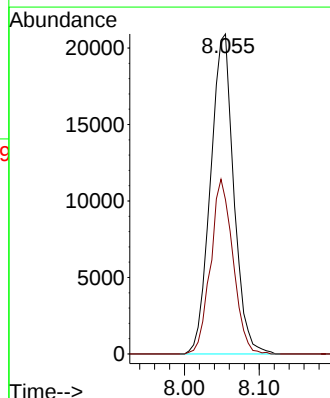
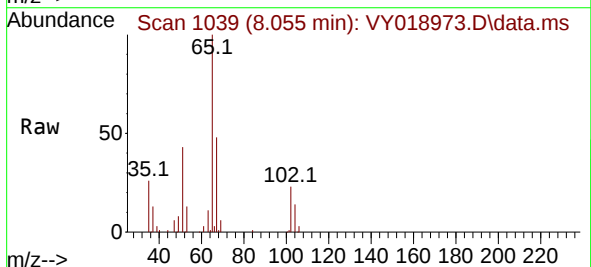
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-12-080724

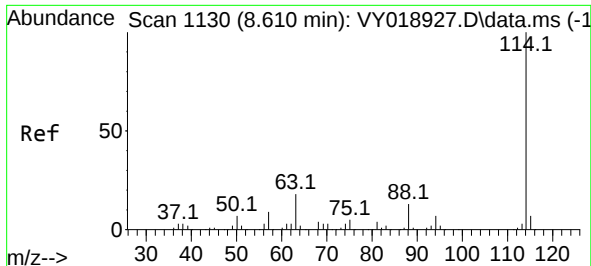
Tgt Ion:168 Resp: 95291
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.032 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018973.D
Acq: 09 Aug 2024 17:41

Tgt Ion: 65 Resp: 45206
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY018973.D

Acq: 09 Aug 2024 17:41

Instrument :

MSVOA_Y

ClientSampleId :

OU4-TS-12-080724

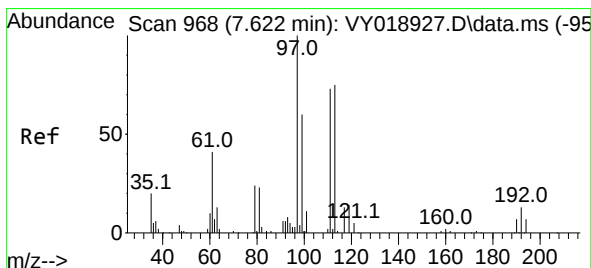
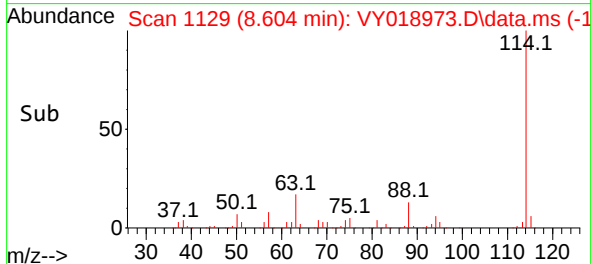
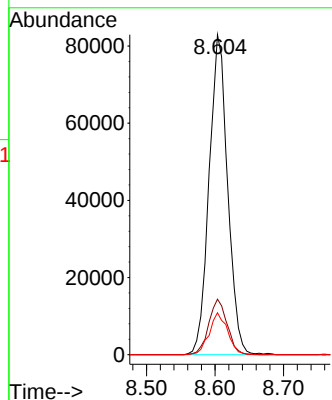
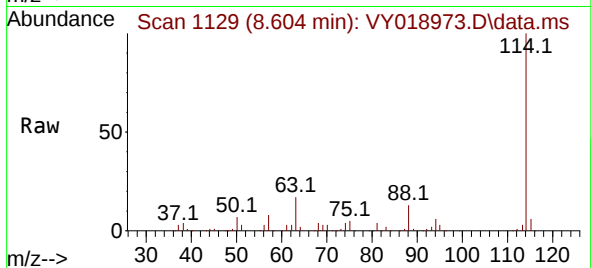
Tgt Ion:114 Resp: 156050

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

88 13.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.387 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018973.D

Acq: 09 Aug 2024 17:41

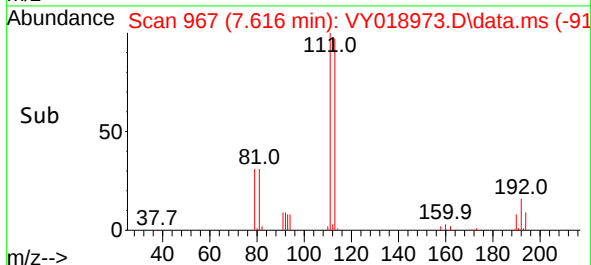
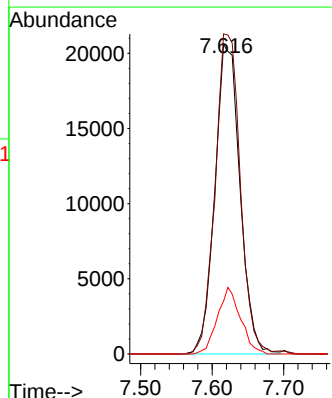
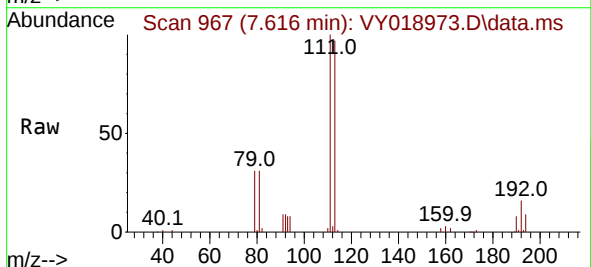
Tgt Ion:113 Resp: 50219

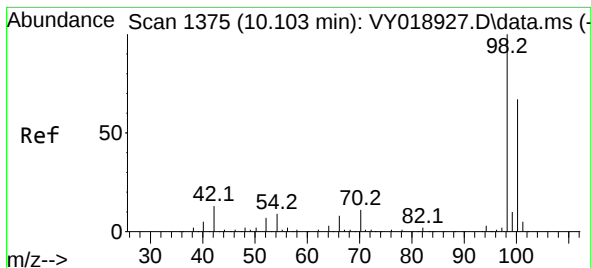
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 19.8 15.9 23.9

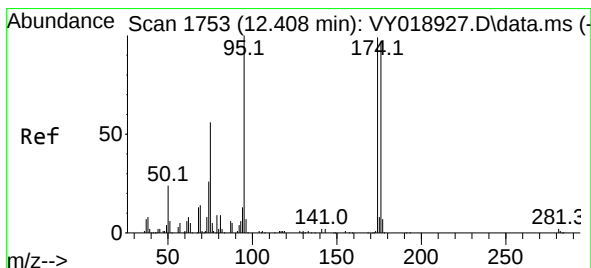
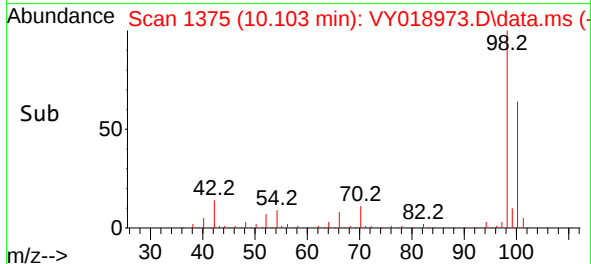
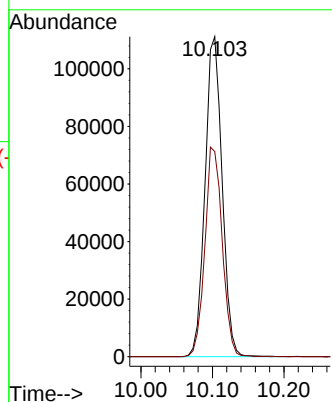
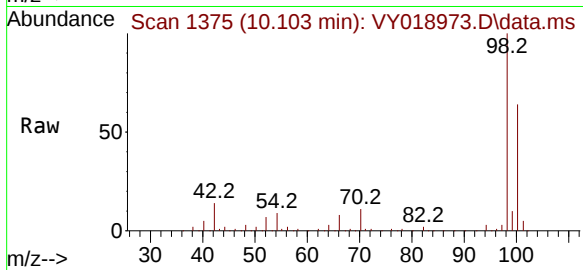




#50
Toluene-d8
Concen: 48.249 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018973.D
Acq: 09 Aug 2024 17:41

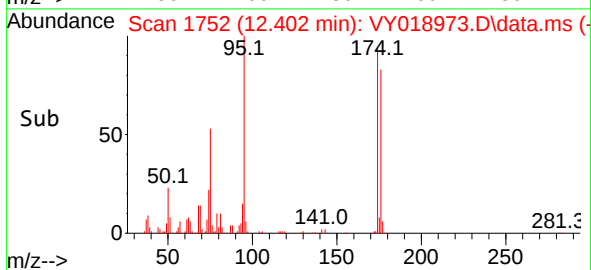
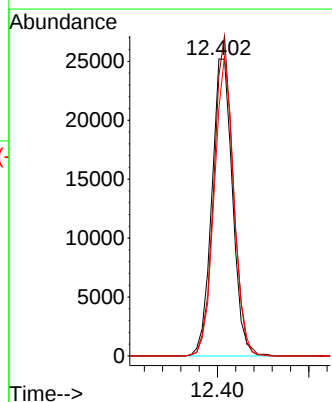
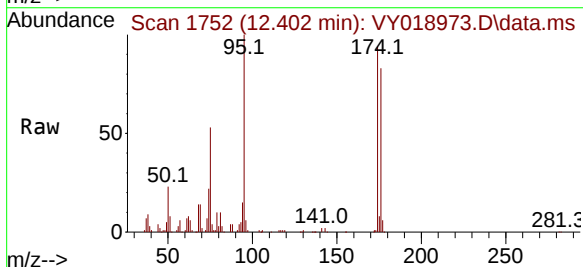
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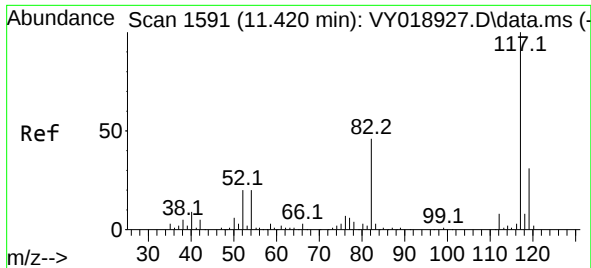
Tgt Ion: 98 Resp: 184711
Ion Ratio Lower Upper
98 100
100 66.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.828 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY018973.D
Acq: 09 Aug 2024 17:41

Tgt Ion: 95 Resp: 39557
Ion Ratio Lower Upper
95 100
174 100.9 0.0 175.6
176 95.7 0.0 171.4

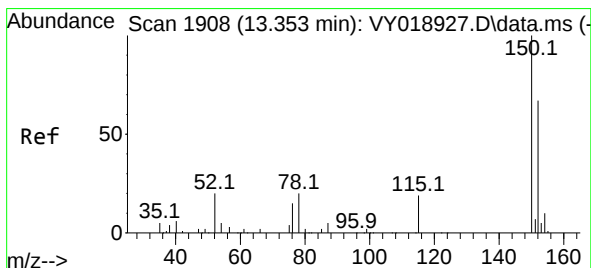
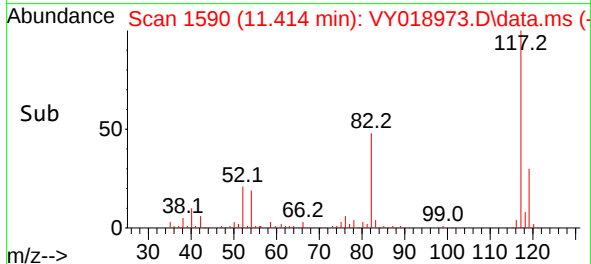
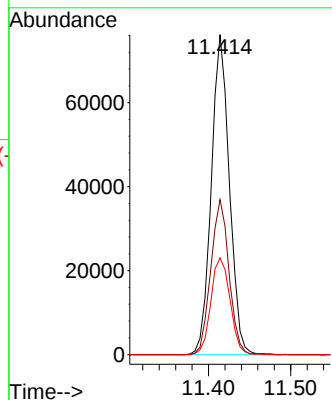
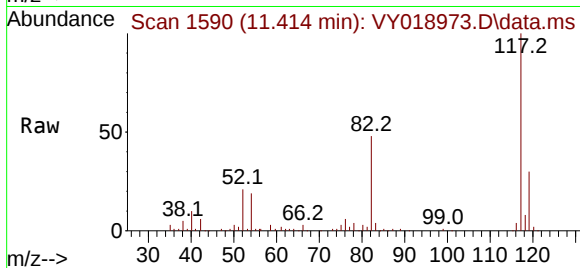




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018973.D
Acq: 09 Aug 2024 17:41

Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-12-080724

Tgt Ion:117 Resp: 116225
Ion Ratio Lower Upper
117 100
82 48.5 42.4 63.6
119 30.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY018973.D
Acq: 09 Aug 2024 17:41

Tgt Ion:152 Resp: 34298
Ion Ratio Lower Upper
152 100
115 53.1 28.2 84.7
150 157.0 0.0 345.6

