

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019402.D
 Acq On : 30 Aug 2024 17:46
 Operator : SY/MD
 Sample : P3732-03
 Misc : 6.90g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UI-3

Quant Time: Aug 30 23:18:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	136236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	248635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	218607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	63855	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	70717	54.803	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.600%
35) Dibromofluoromethane	7.628	113	78626	50.018	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.103	98	274781	47.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.980%
62) 4-Bromofluorobenzene	12.408	95	60417	32.280	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	64.560%

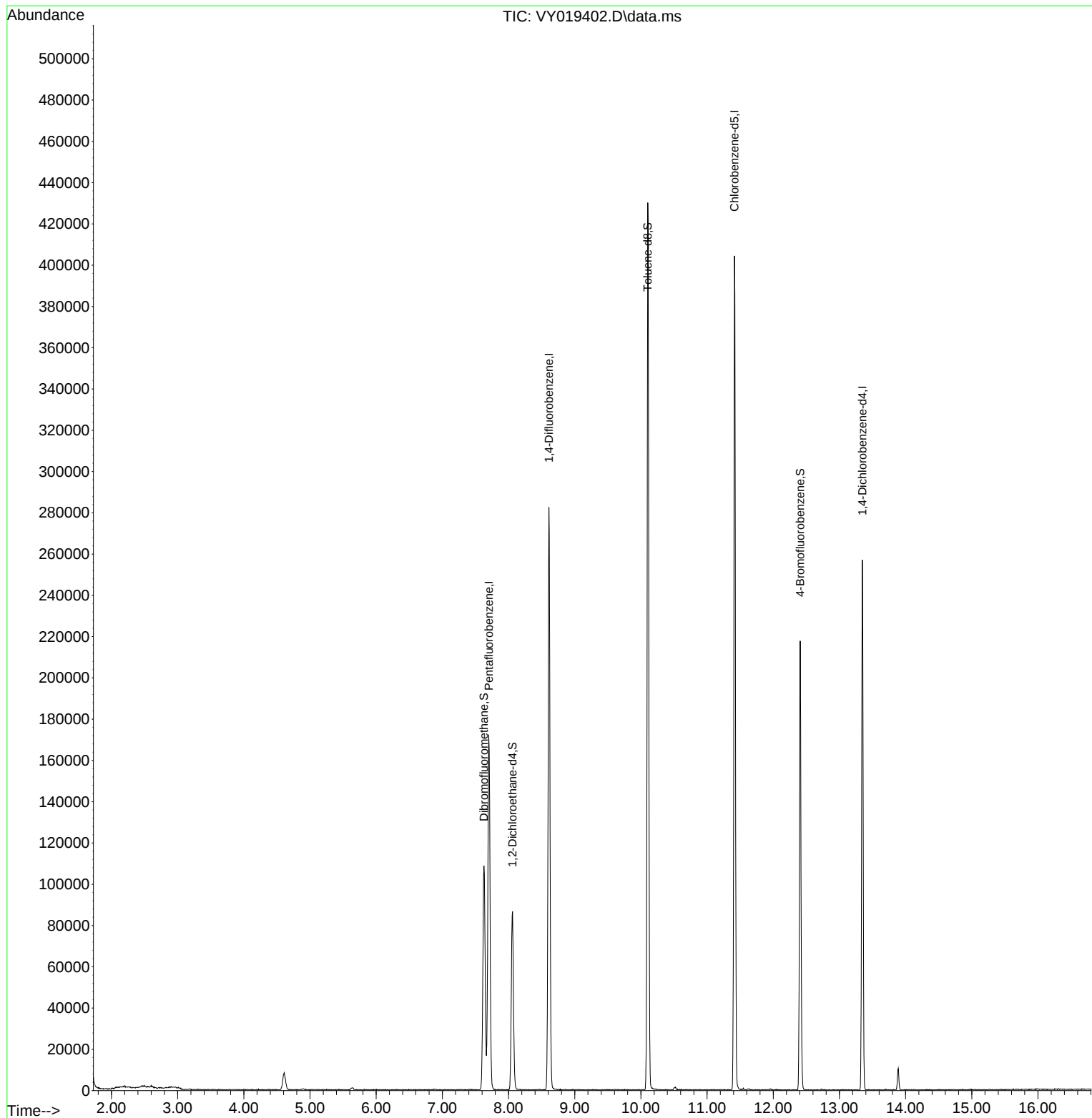
Target Compounds	Qvalue

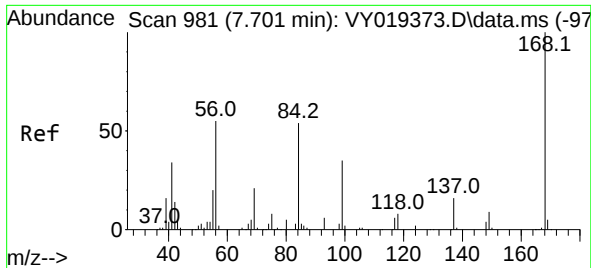
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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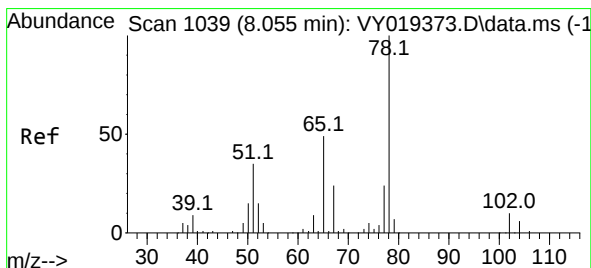
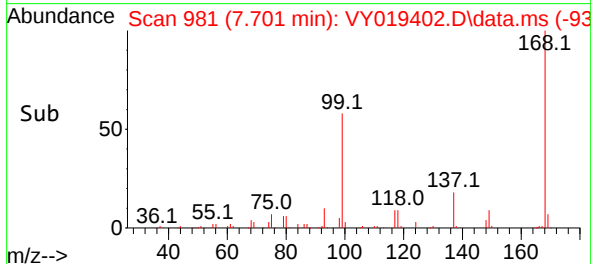
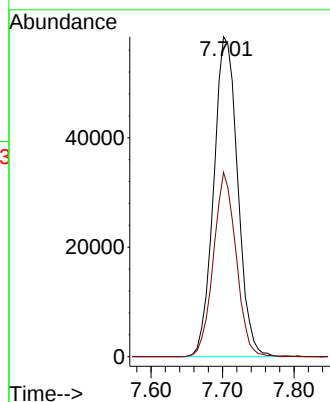
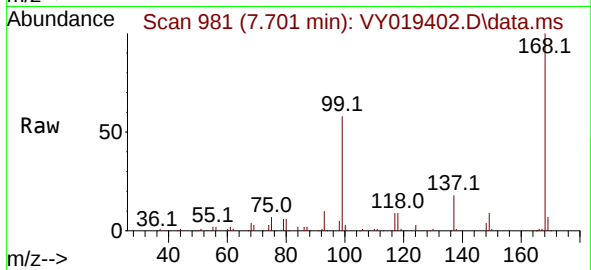




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019402.D
Acq: 30 Aug 2024 17:46

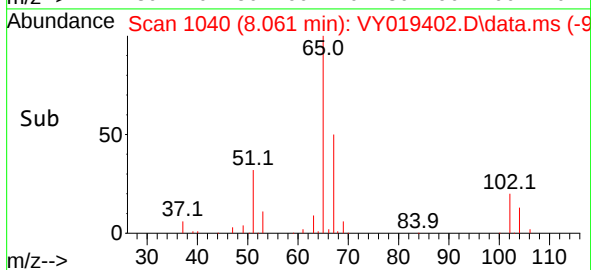
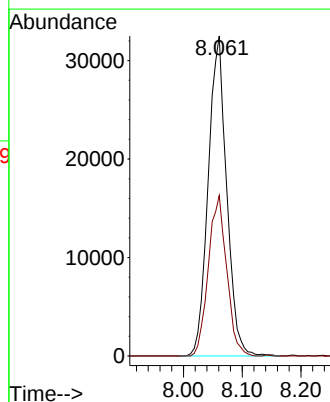
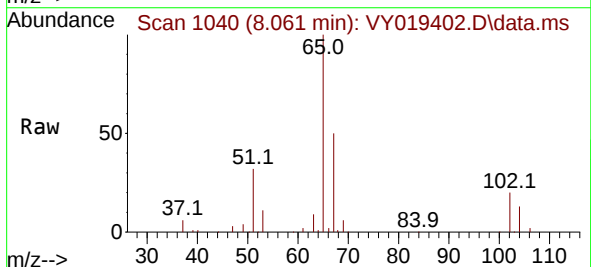
Instrument :
MSVOA_Y
ClientSampleId :
UI-3

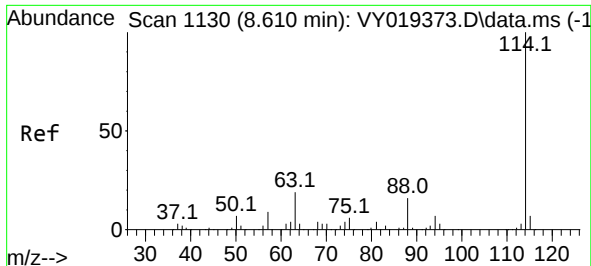
Tgt Ion:168 Resp: 136236
Ion Ratio Lower Upper
168 100
99 57.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.803 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019402.D
Acq: 30 Aug 2024 17:46

Tgt Ion: 65 Resp: 70717
Ion Ratio Lower Upper
65 100
67 49.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019402.D

Acq: 30 Aug 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :

UI-3

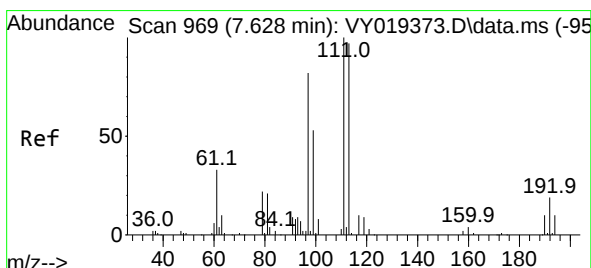
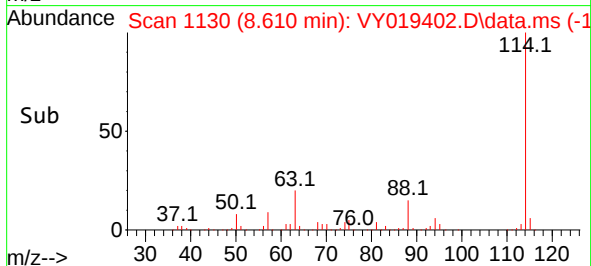
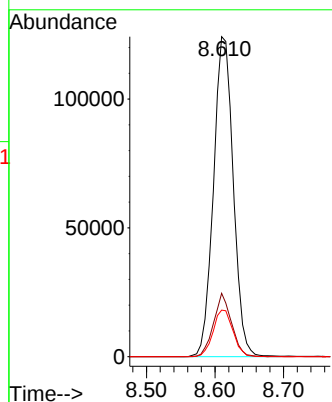
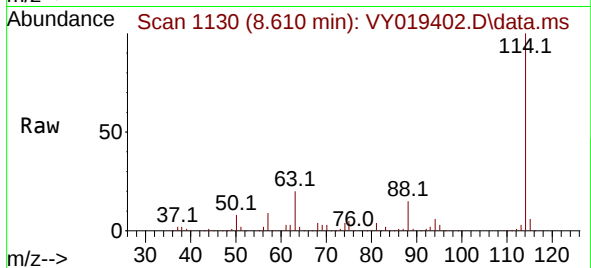
Tgt Ion:114 Resp: 248635

Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.0

88 14.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.018 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY019402.D

Acq: 30 Aug 2024 17:46

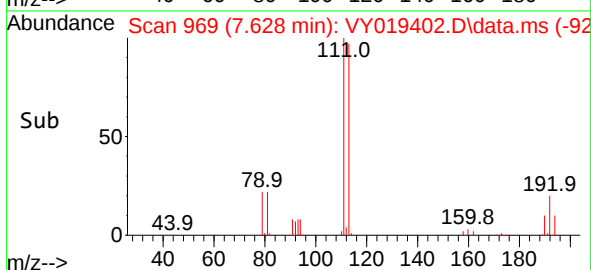
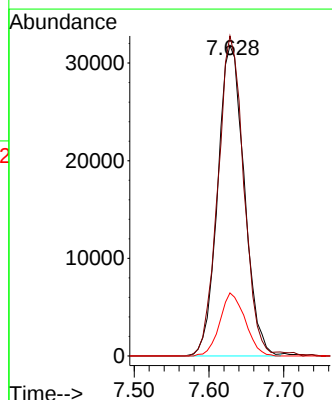
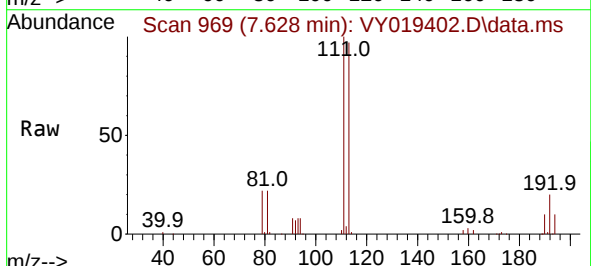
Tgt Ion:113 Resp: 78626

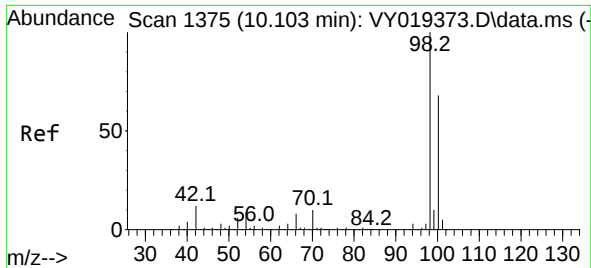
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.4

192 19.4 15.9 23.9

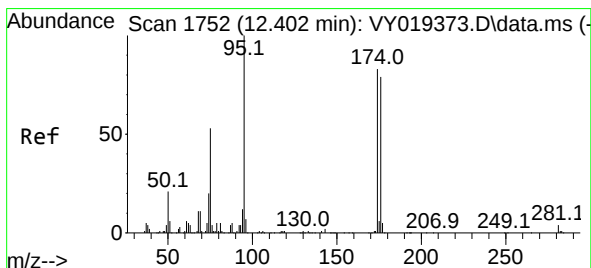
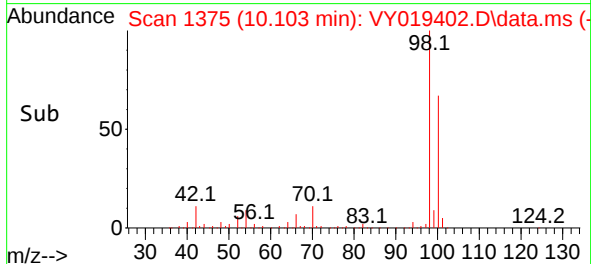
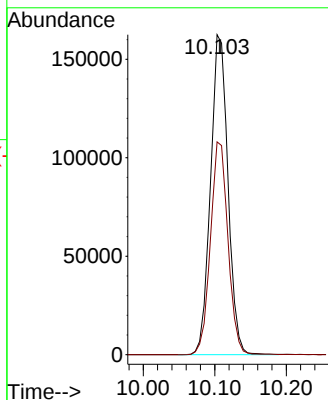
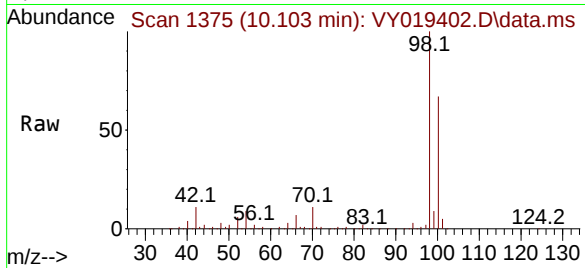




#50
Toluene-d8
Concen: 47.485 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019402.D
Acq: 30 Aug 2024 17:46

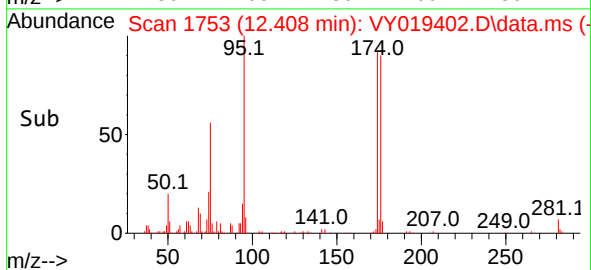
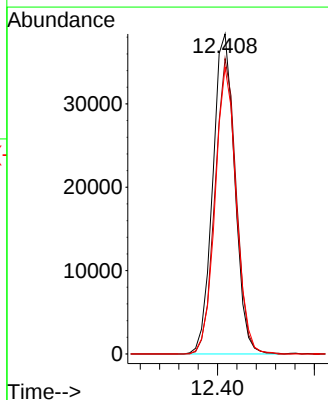
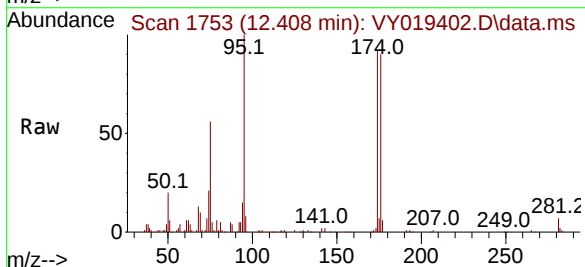
Instrument :
MSVOA_Y
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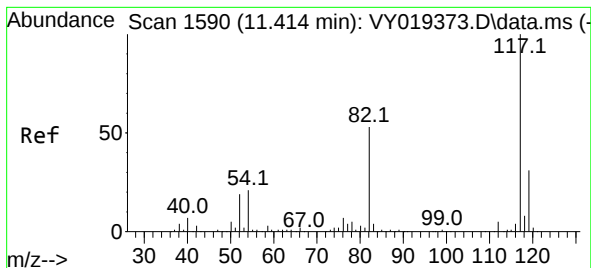
Tgt Ion: 98 Resp: 274781
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.280 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019402.D
Acq: 30 Aug 2024 17:46

Tgt Ion: 95 Resp: 60417
Ion Ratio Lower Upper
95 100
174 89.7 0.0 175.6
176 86.7 0.0 171.4

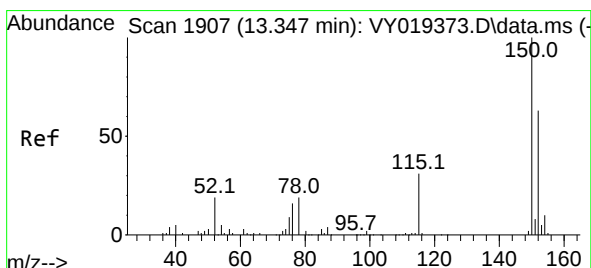
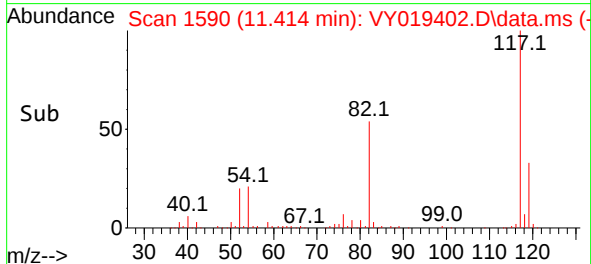
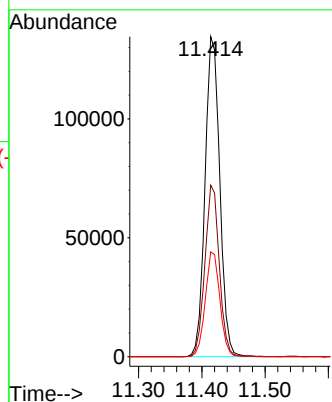
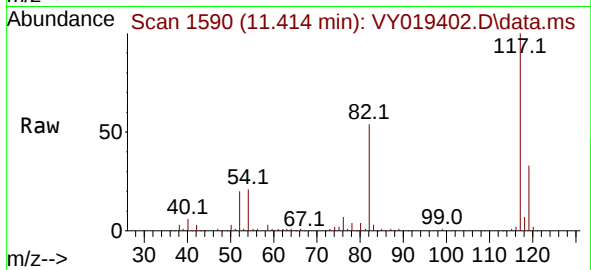




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019402.D
Acq: 30 Aug 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :
UI-3

Tgt Ion:117 Resp: 218607
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019402.D
Acq: 30 Aug 2024 17:46

Tgt Ion:152 Resp: 63855
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 158.0 0.0 345.6

