

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019401.D
 Acq On : 30 Aug 2024 17:23
 Operator : SY/MD
 Sample : P3732-02
 Misc : 8.27g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 UI-5

Quant Time: Aug 30 23:17:45 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	135660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	241077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	213878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	81455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	74014	57.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.200%
35) Dibromofluoromethane	7.628	113	77231	50.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.340%
50) Toluene-d8	10.103	98	268124	47.787	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.408	95	84871	46.768	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.540%

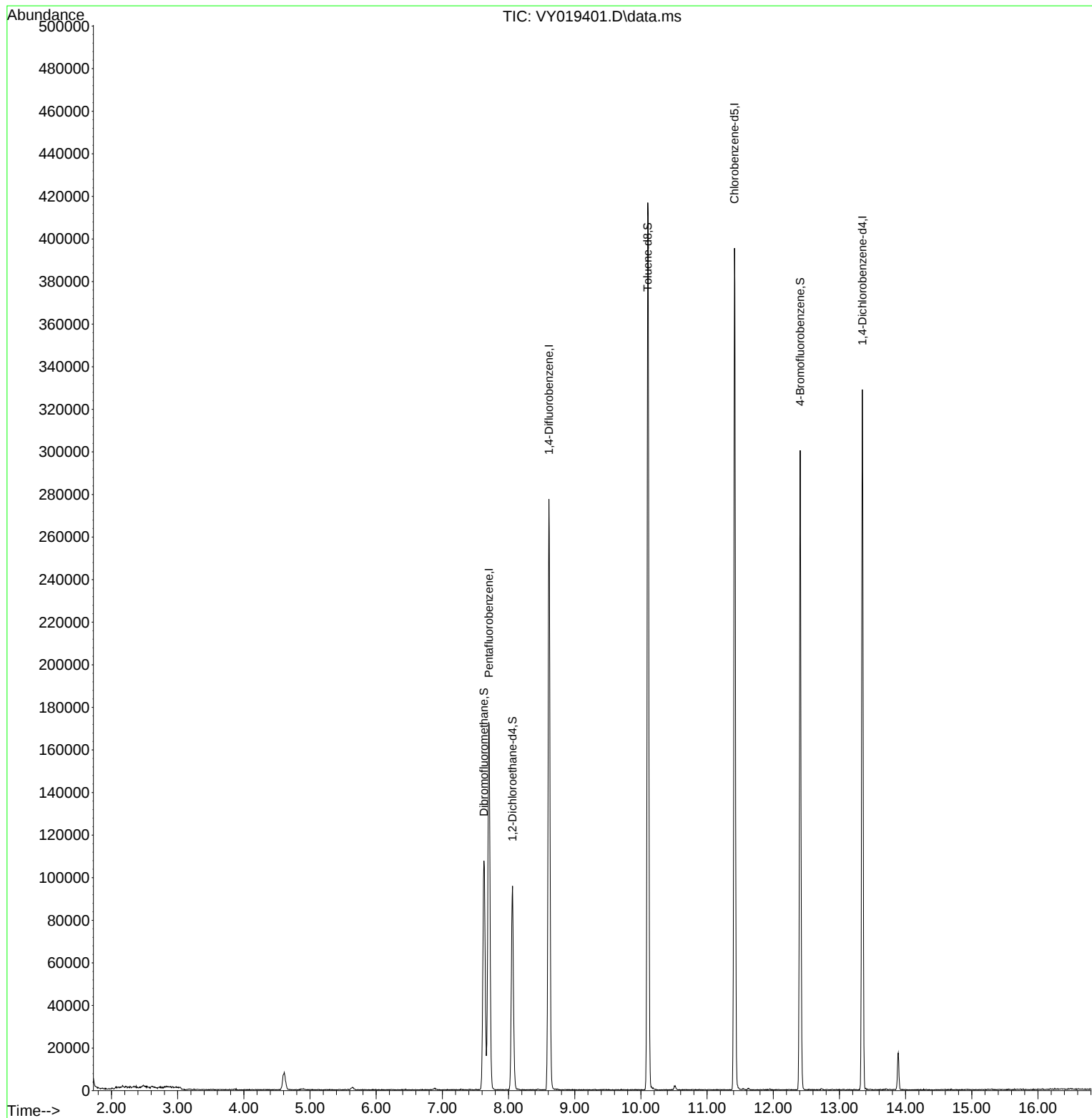
Target Compounds	Qvalue

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

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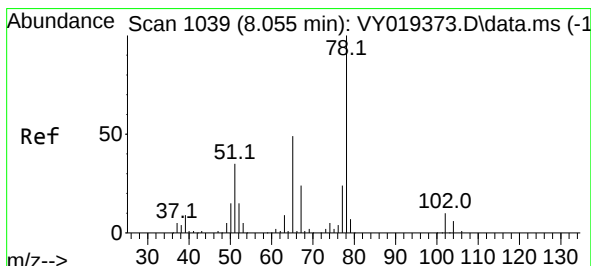
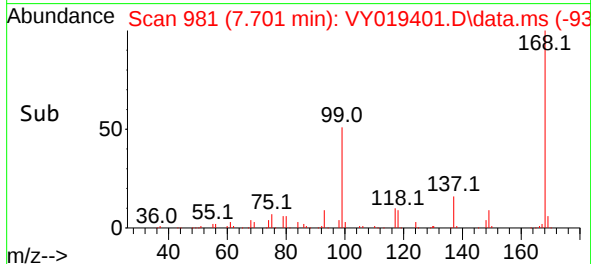
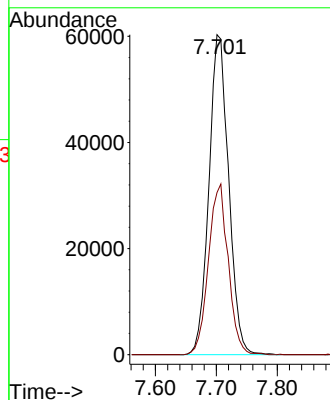
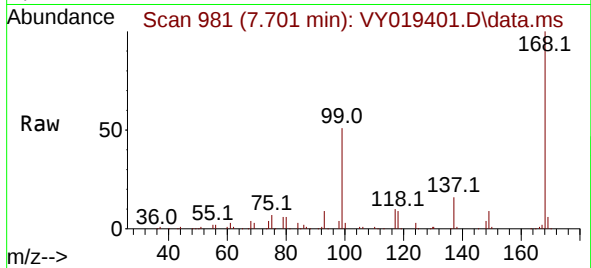




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

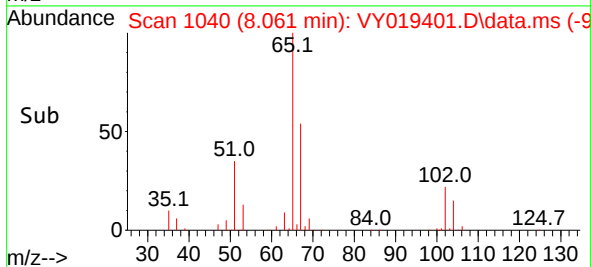
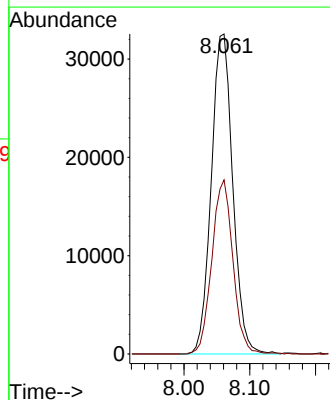
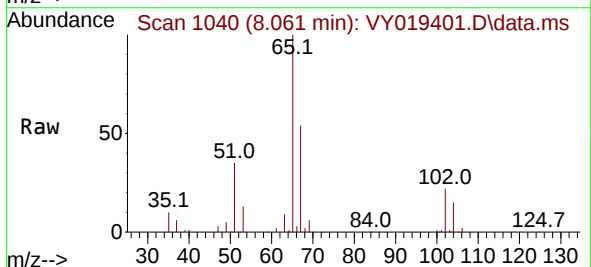
Instrument :
MSVOA_Y
ClientSampleId :
UI-5

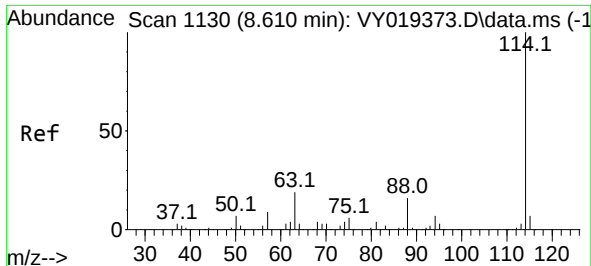
Tgt Ion:168 Resp: 135660
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 57.601 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

Tgt Ion: 65 Resp: 74014
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VY019401.D

Acq: 30 Aug 2024 17:23

Instrument :

MSVOA_Y

ClientSampleId :

UI-5

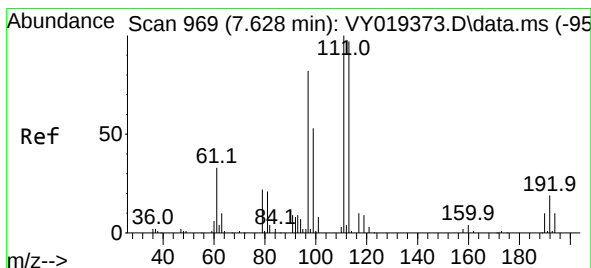
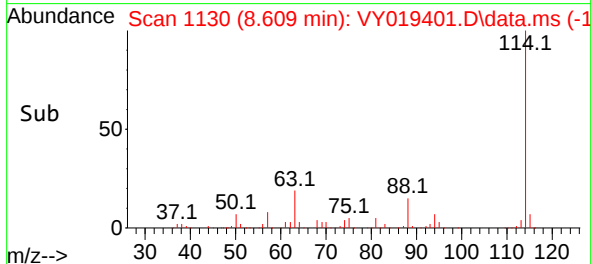
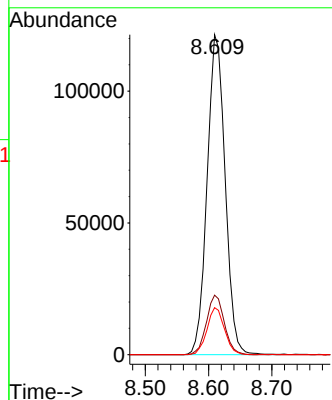
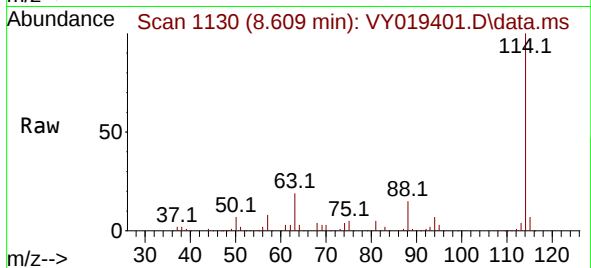
Tgt Ion:114 Resp: 241077

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.671 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY019401.D

Acq: 30 Aug 2024 17:23

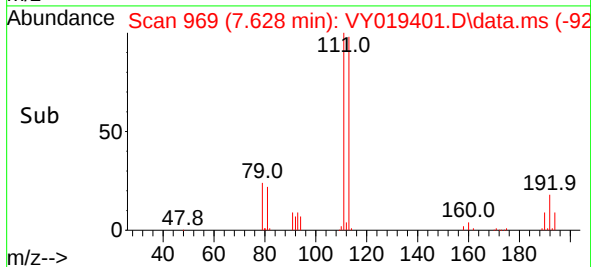
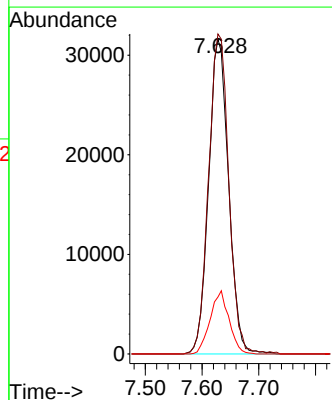
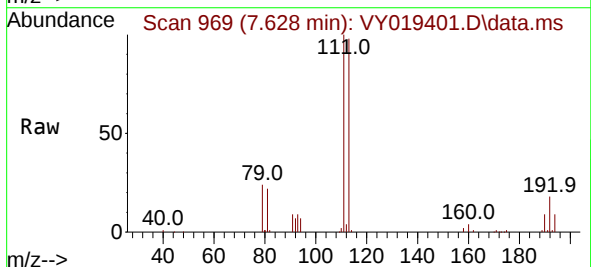
Tgt Ion:113 Resp: 77231

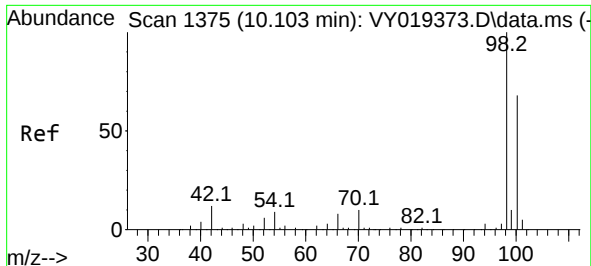
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 19.0 15.9 23.9

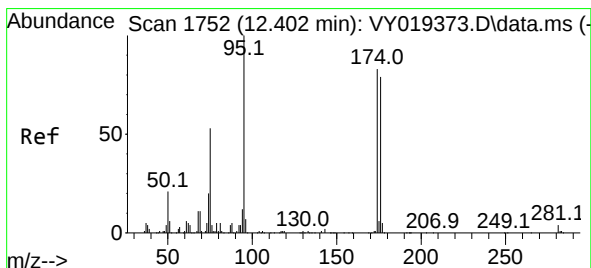
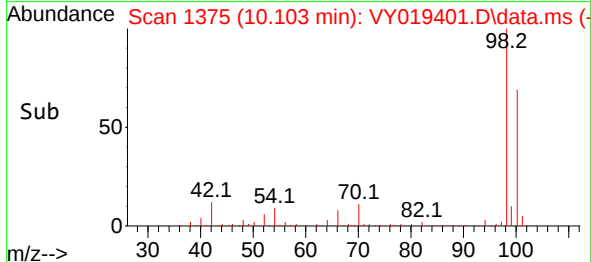
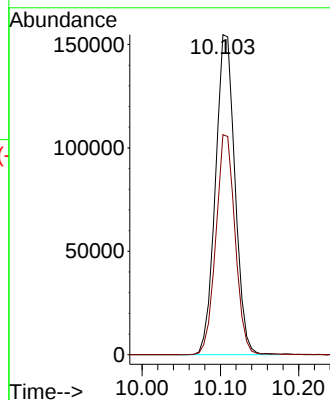
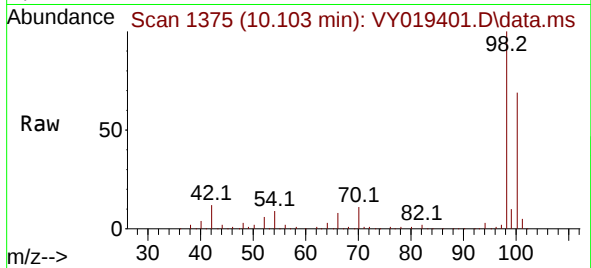




#50
Toluene-d8
Concen: 47.787 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

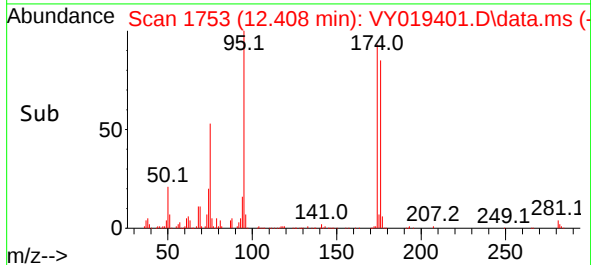
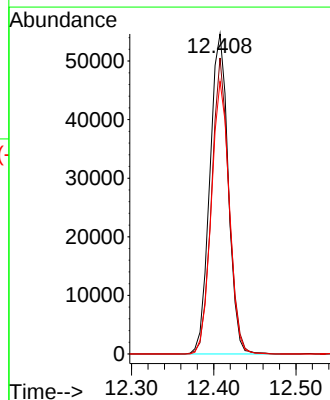
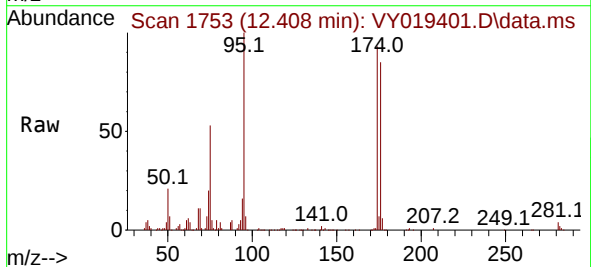
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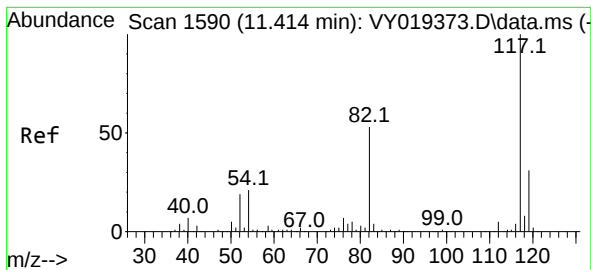
Tgt Ion: 98 Resp: 268124
Ion Ratio Lower Upper
98 100
100 67.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.768 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

Tgt Ion: 95 Resp: 84871
Ion Ratio Lower Upper
95 100
174 86.9 0.0 175.6
176 83.5 0.0 171.4

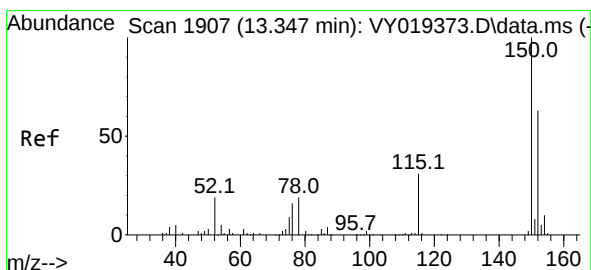
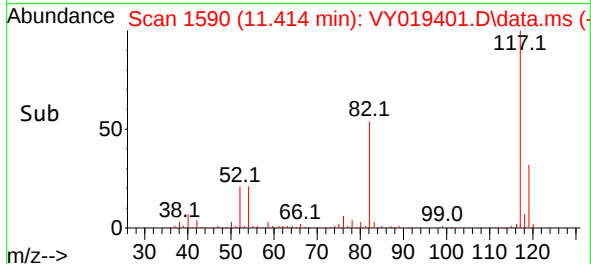
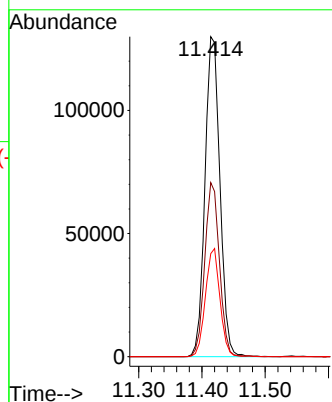
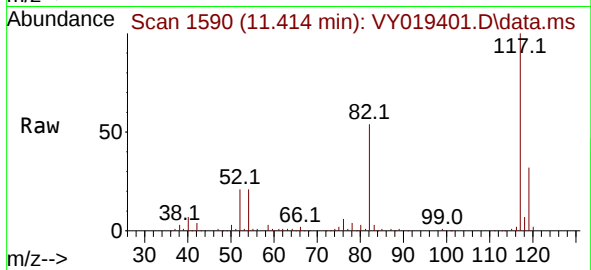




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

Instrument :
MSVOA_Y
ClientSampleId :
UI-5

Tgt Ion:117 Resp: 213878
Ion Ratio Lower Upper
117 100
82 54.4 42.4 63.6
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019401.D
Acq: 30 Aug 2024 17:23

Tgt Ion:152 Resp: 81455
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 156.0 0.0 345.6

