

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019399.D
 Acq On : 30 Aug 2024 16:36
 Operator : SY/MD
 Sample : P3793-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2864

Quant Time: Aug 30 23:17:04 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	144509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	257938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	235974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	68319	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	77165	56.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.760%
35) Dibromofluoromethane	7.628	113	81566	50.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.103	98	292541	48.731	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.408	95	66041	34.013	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.020%

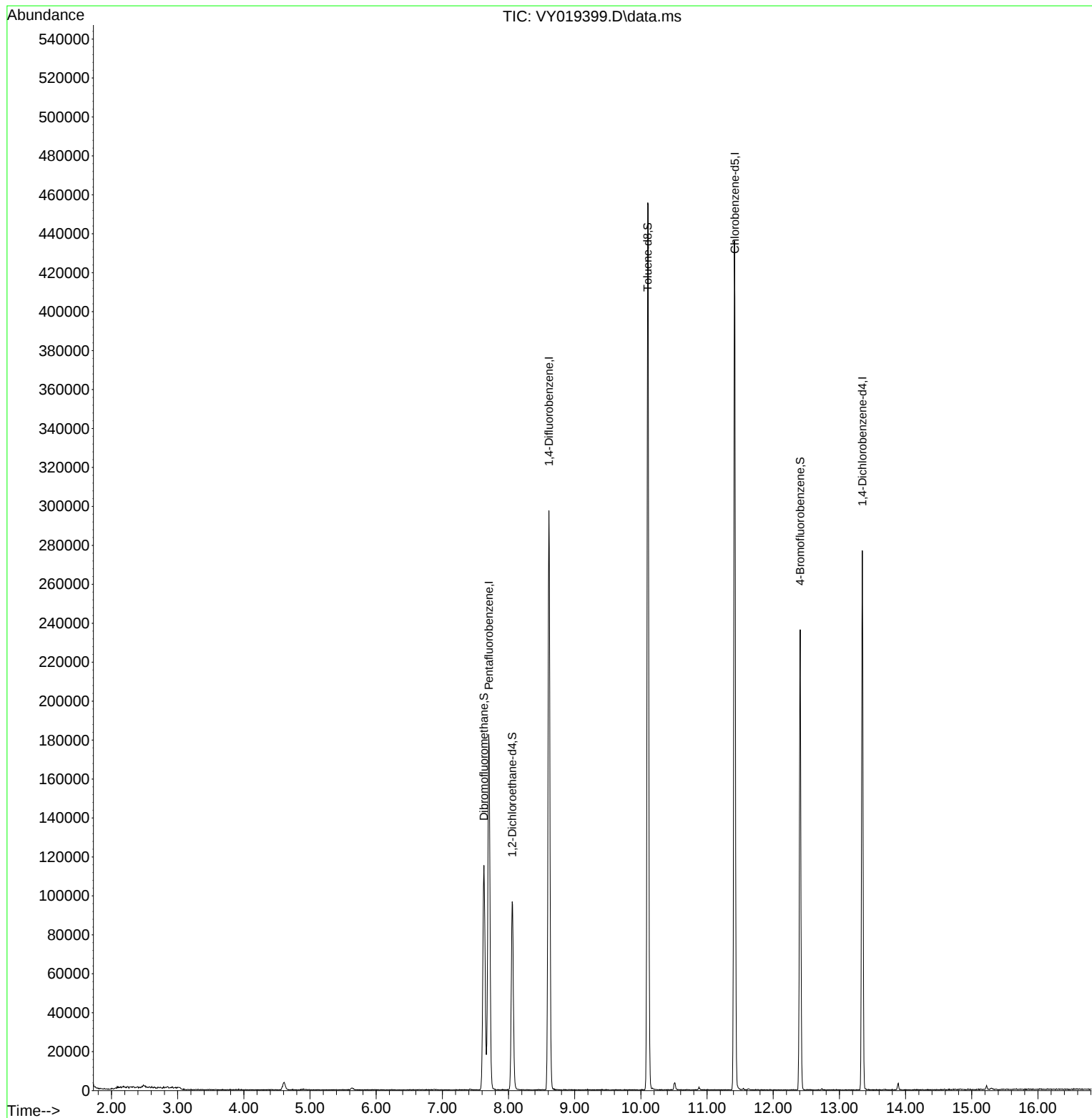
Target Compounds	Qvalue

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

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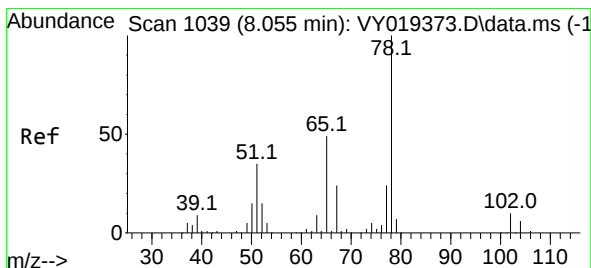
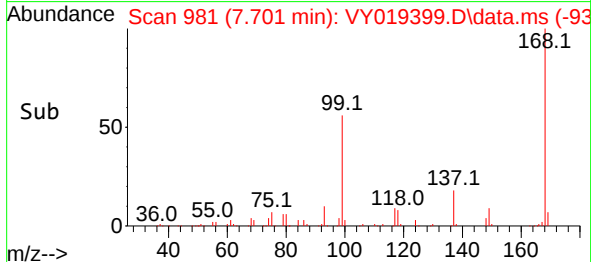
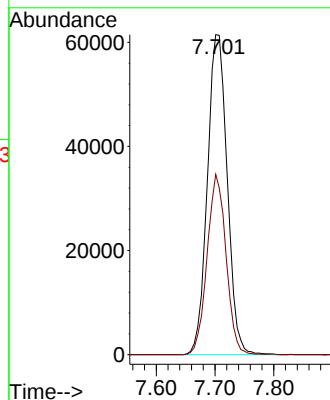
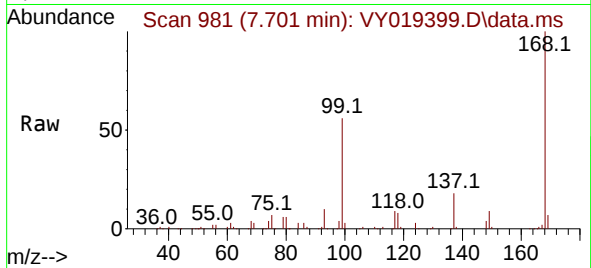




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019399.D
Acq: 30 Aug 2024 16:36

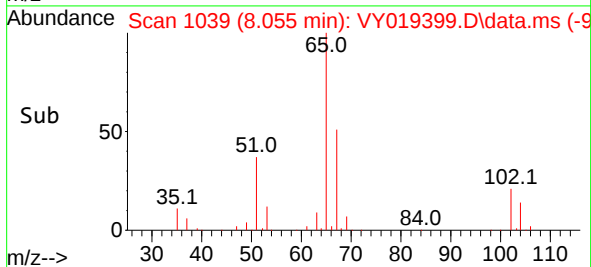
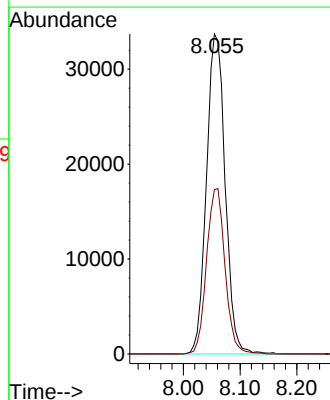
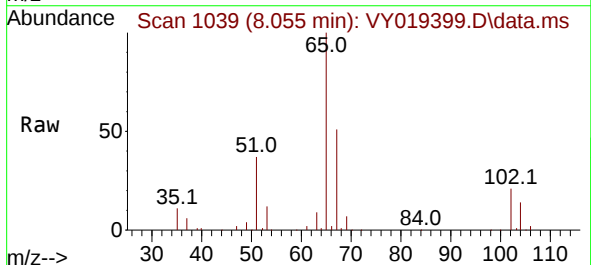
Instrument :
MSVOA_Y
ClientSampleId :
RT2864

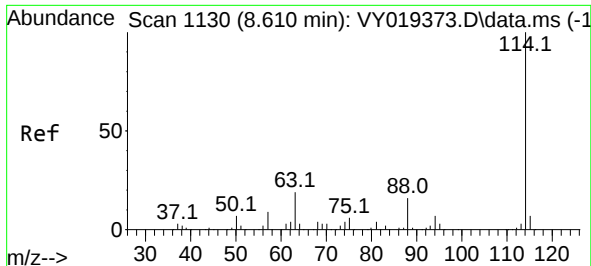
Tgt Ion:168 Resp: 144509
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 56.376 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019399.D
Acq: 30 Aug 2024 16:36

Tgt Ion: 65 Resp: 77165
Ion Ratio Lower Upper
65 100
67 51.1 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: VY019399.D

Acq: 30 Aug 2024 16:36

Instrument :

MSVOA_Y

ClientSampleId :

RT2864

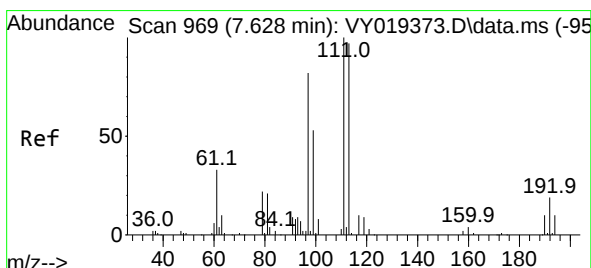
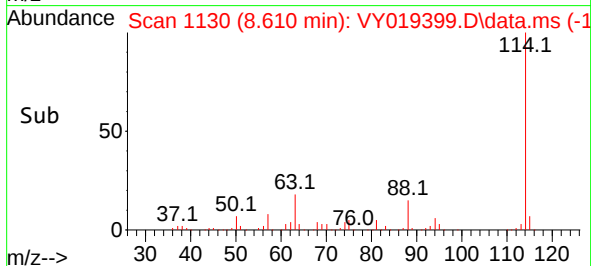
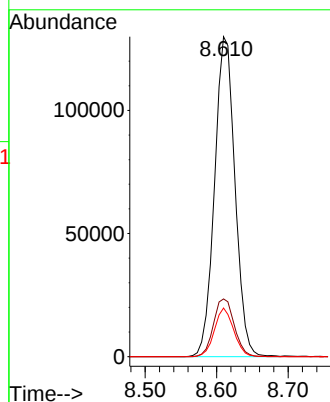
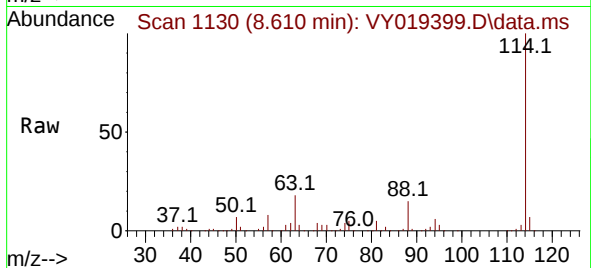
Tgt Ion:114 Resp: 257938

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.017 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY019399.D

Acq: 30 Aug 2024 16:36

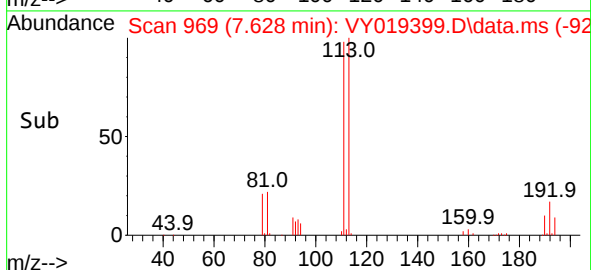
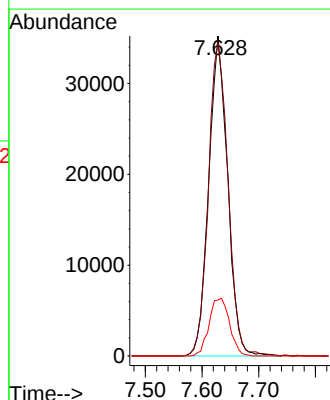
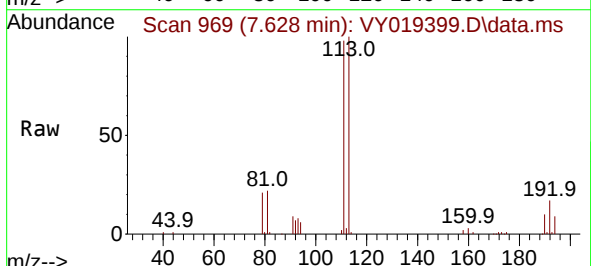
Tgt Ion:113 Resp: 81566

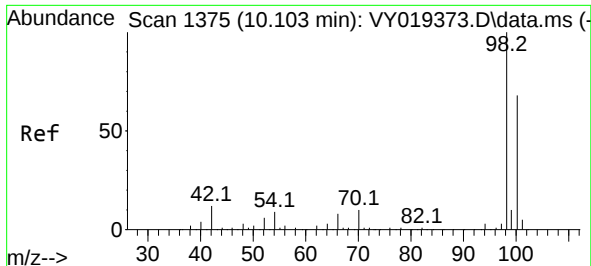
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 19.5 15.9 23.9

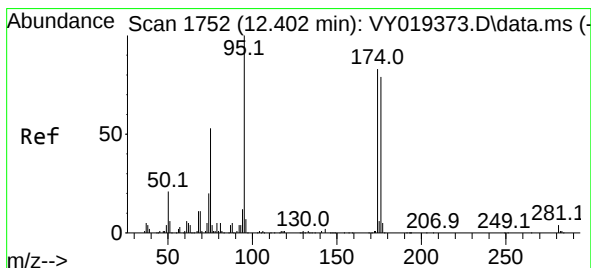
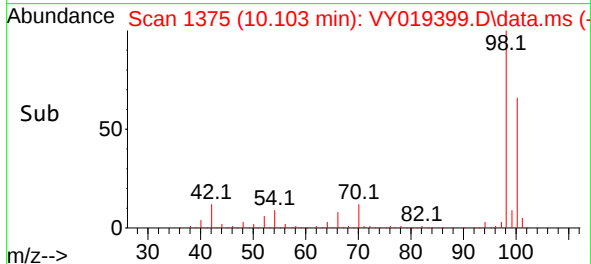
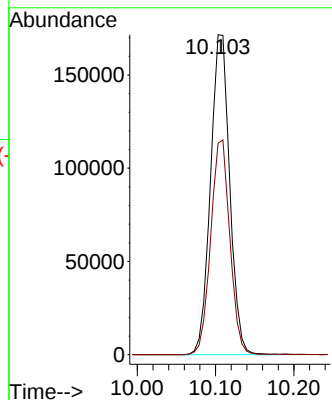
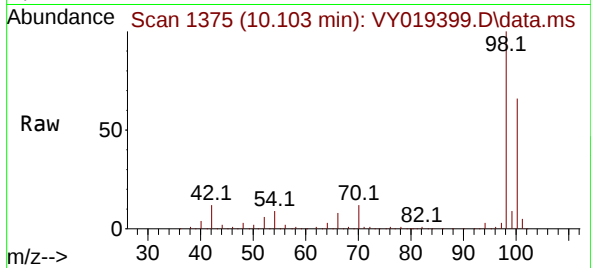




#50
Toluene-d8
Concen: 48.731 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019399.D
Acq: 30 Aug 2024 16:36

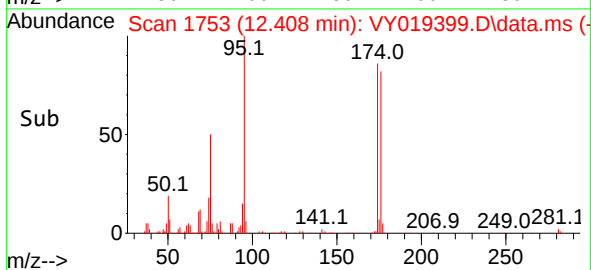
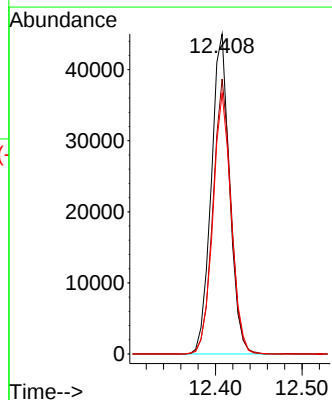
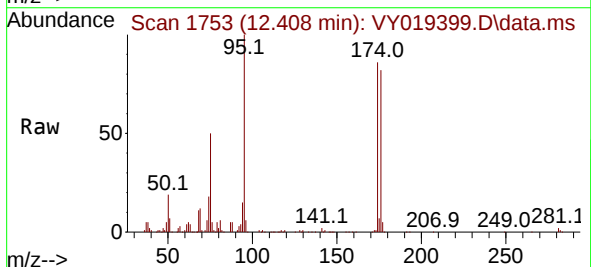
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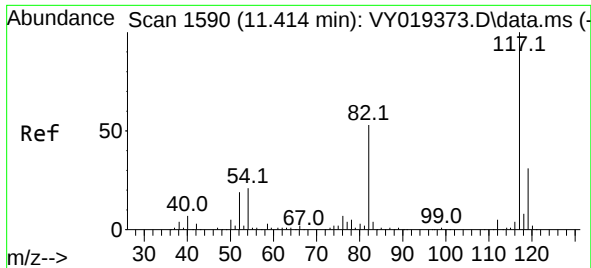
Tgt Ion: 98 Resp: 292541
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.013 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019399.D
Acq: 30 Aug 2024 16:36

Tgt Ion: 95 Resp: 66041
Ion Ratio Lower Upper
95 100
174 84.8 0.0 175.6
176 81.8 0.0 171.4

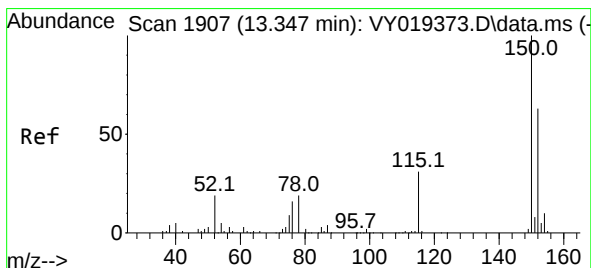
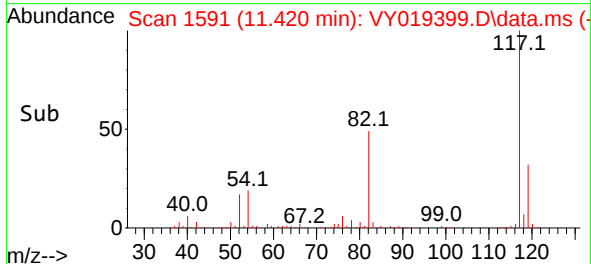
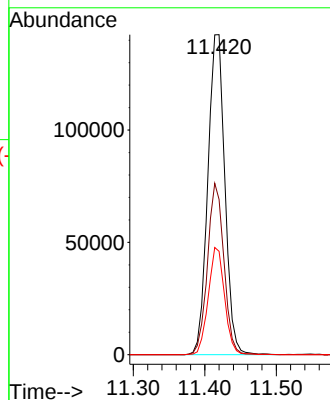
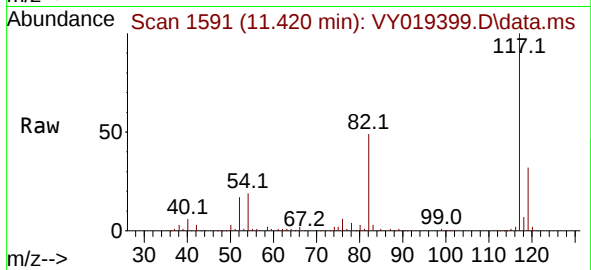




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY019399.D
Acq: 30 Aug 2024 16:36

Instrument :
MSVOA_Y
ClientSampleId :
RT2864

Tgt Ion:117 Resp: 235974
Ion Ratio Lower Upper
117 100
82 48.5 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019399.D
Acq: 30 Aug 2024 16:36

Tgt Ion:152 Resp: 68319
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 153.0 0.0 345.6

