

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021416.D
 Acq On : 05 Mar 2025 16:31
 Operator : SY/MD
 Sample : Q1481-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-K1311

Quant Time: Mar 06 02:56:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	269517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	513337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	454160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	169077	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	171480	60.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.400%
35) Dibromofluoromethane	7.634	113	174512	51.719	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.440%
50) Toluene-d8	10.109	98	620663	48.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.160%
62) 4-Bromofluorobenzene	12.408	95	185269	42.631	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.260%

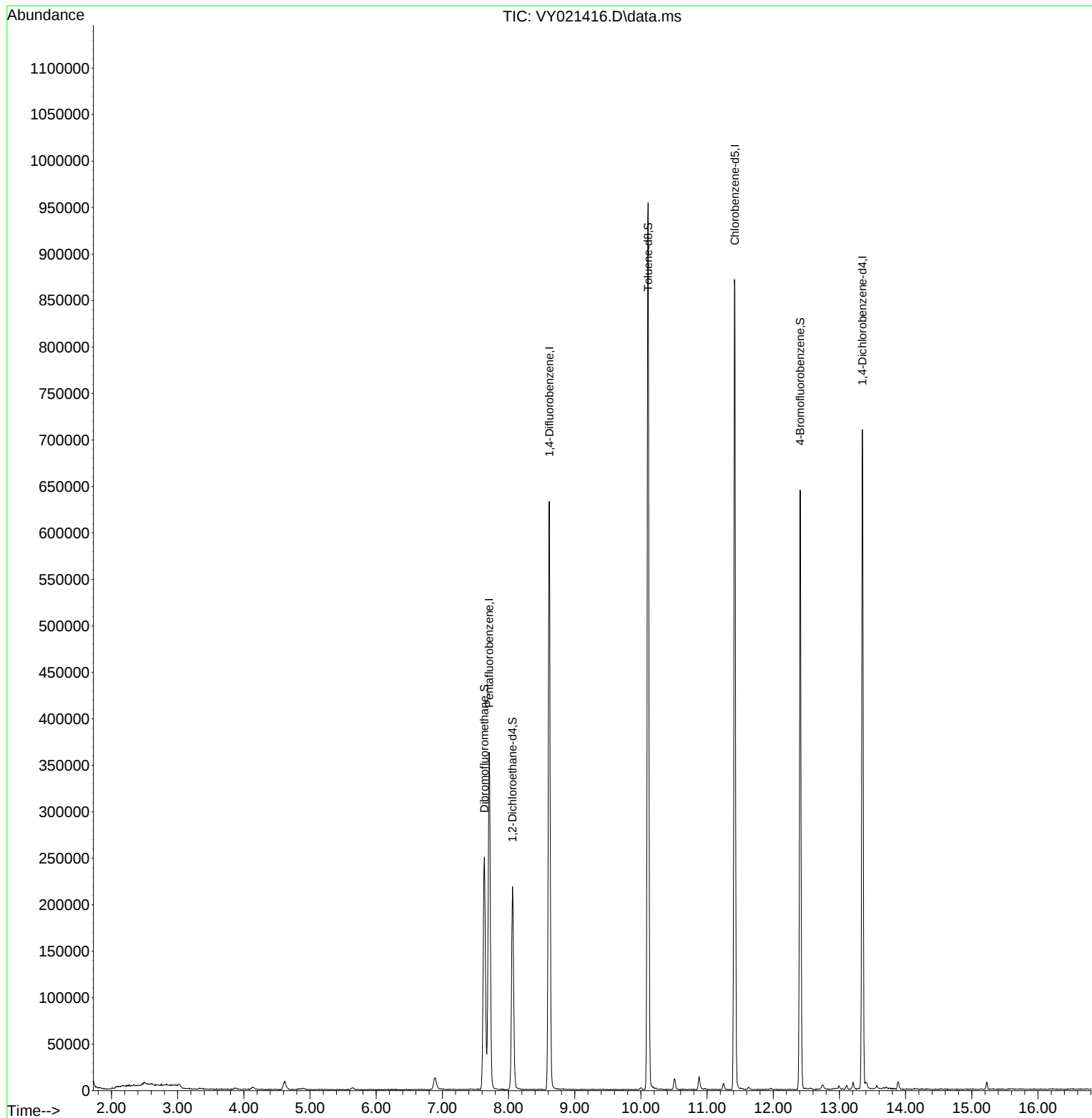
Target Compounds	Qvalue

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

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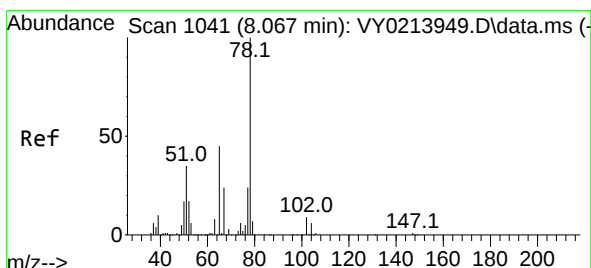
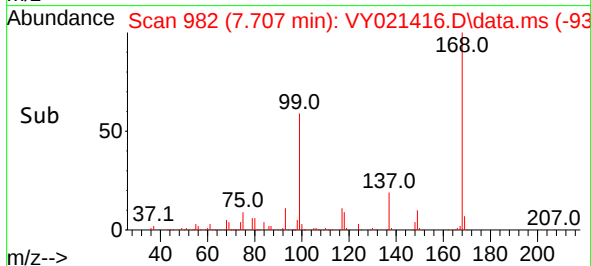
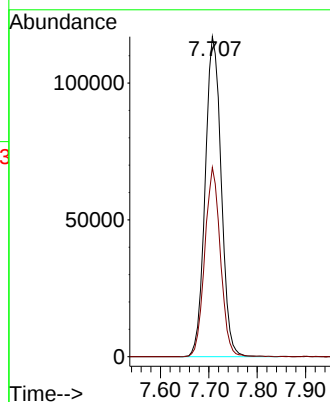
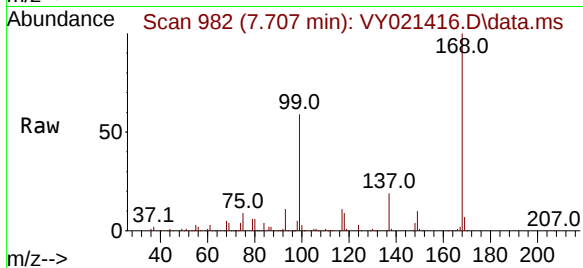




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021416.D
Acq: 05 Mar 2025 16:31

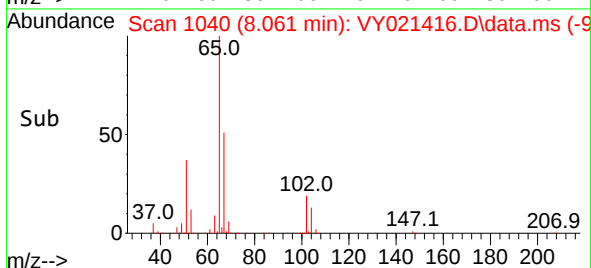
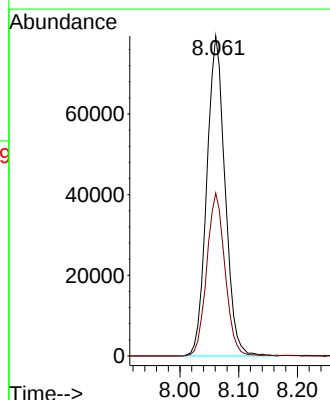
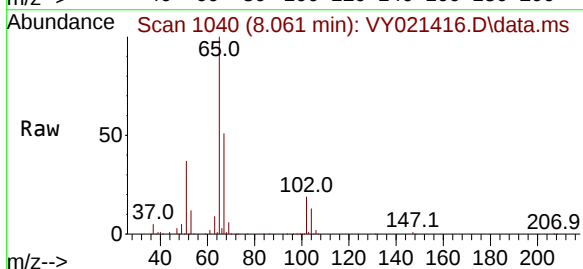
Instrument :
MSVOA_Y
ClientSampleId :
WC-K1311

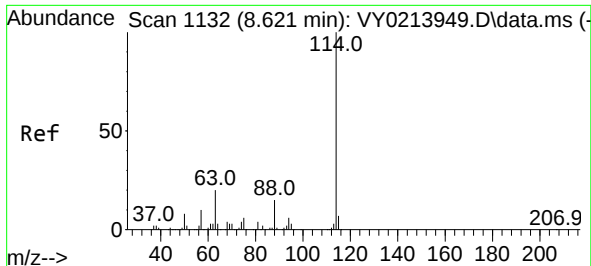
Tgt Ion:168 Resp: 269517
Ion Ratio Lower Upper
168 100
99 59.2 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 60.197 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021416.D
Acq: 05 Mar 2025 16:31

Tgt Ion: 65 Resp: 171480
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021416.D

Acq: 05 Mar 2025 16:31

Instrument :

MSVOA_Y

ClientSampleId :

WC-K1311

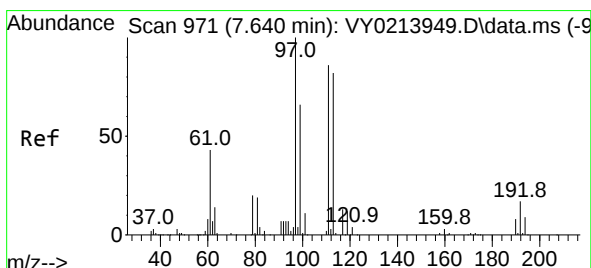
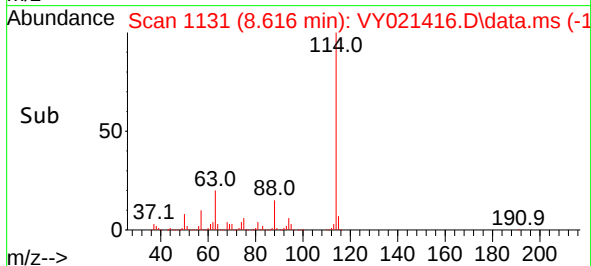
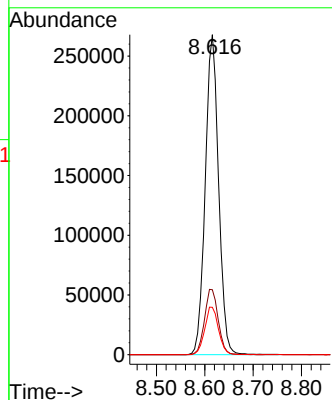
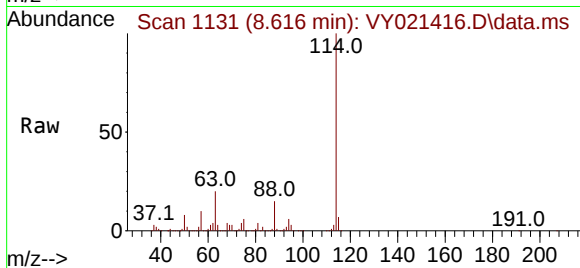
Tgt Ion:114 Resp: 513337

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 14.8 0.0 30.8



#35

Dibromofluoromethane

Concen: 51.719 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021416.D

Acq: 05 Mar 2025 16:31

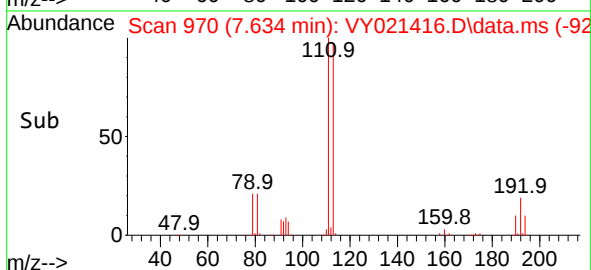
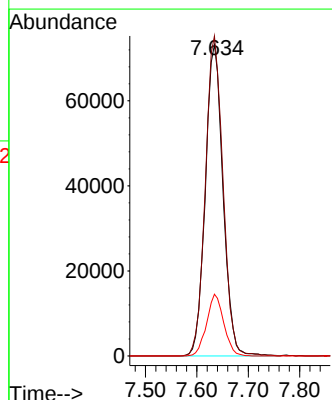
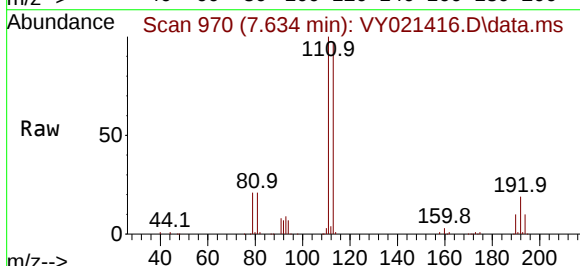
Tgt Ion:113 Resp: 174512

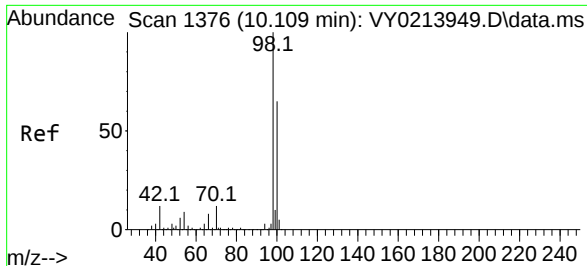
Ion Ratio Lower Upper

113 100

111 102.7 82.0 123.0

192 19.3 15.9 23.9

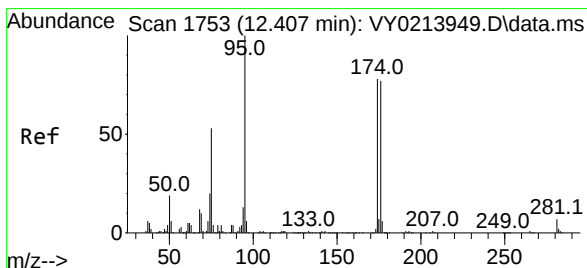
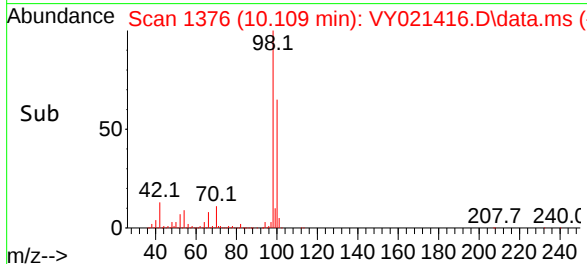
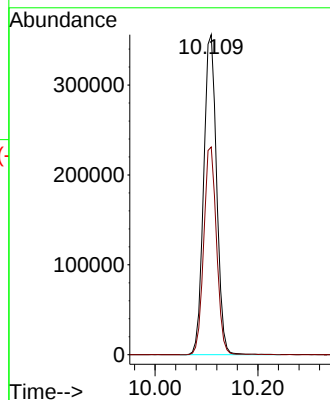
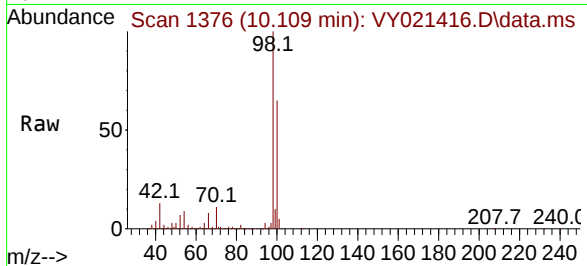




#50
Toluene-d8
Concen: 48.581 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021416.D
Acq: 05 Mar 2025 16:31

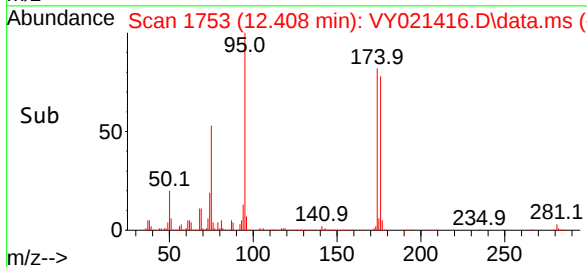
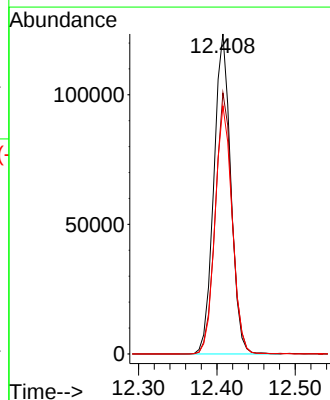
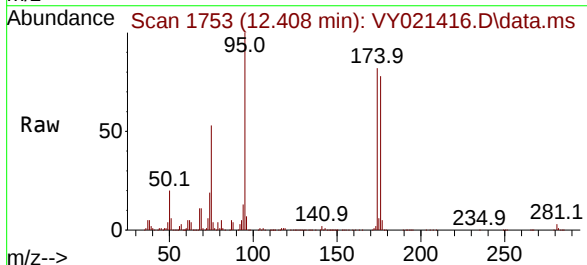
Instrument :
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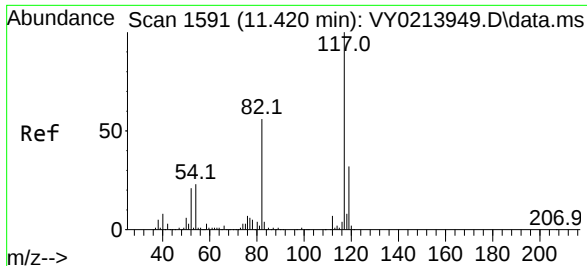
Tgt Ion: 98 Resp: 620663
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.631 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021416.D
Acq: 05 Mar 2025 16:31

Tgt Ion: 95 Resp: 185269
Ion Ratio Lower Upper
95 100
174 81.3 0.0 165.0
176 78.7 0.0 160.0

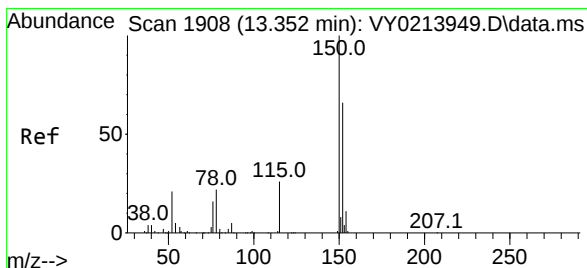
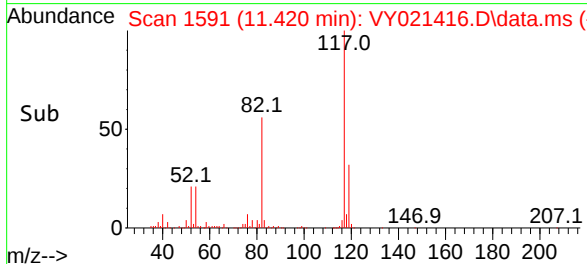
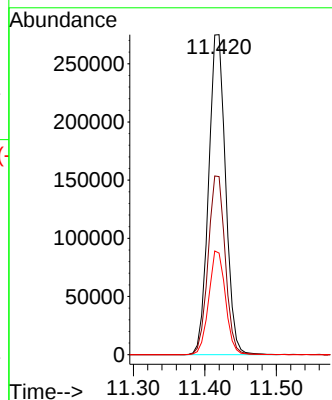
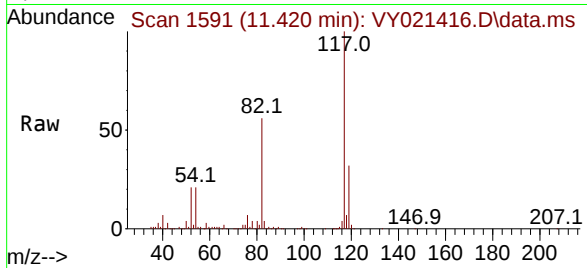




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021416.D
Acq: 05 Mar 2025 16:31

Instrument :
MSVOA_Y
ClientSampleId :
WC-K1311

Tgt Ion:117 Resp: 454160
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021416.D
Acq: 05 Mar 2025 16:31

Tgt Ion:152 Resp: 169077
Ion Ratio Lower Upper
152 100
115 59.3 29.0 87.0
150 157.8 0.0 347.2

