

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021414.D
 Acq On : 05 Mar 2025 15:45
 Operator : SY/MD
 Sample : Q1480-09
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Mar 05 17:47:02 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	10645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	21199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	20115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	5358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	12096	107.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	215.020%#
35) Dibromofluoromethane	7.640	113	9841	70.624	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	141.240%
50) Toluene-d8	10.109	98	24296	46.050	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.100%
62) 4-Bromofluorobenzene	12.408	95	6973	38.854	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.700%

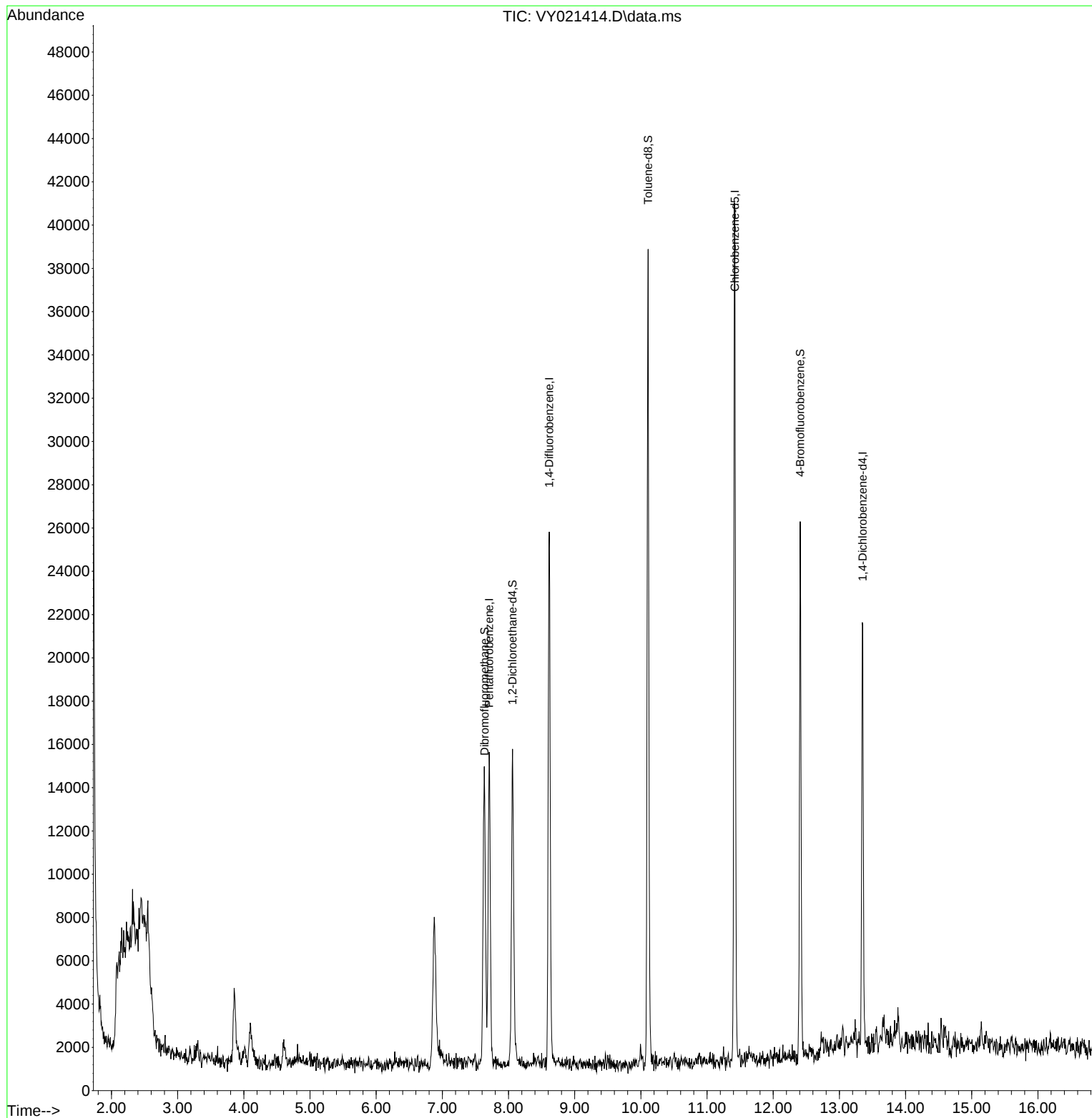
Target Compounds	Qvalue

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

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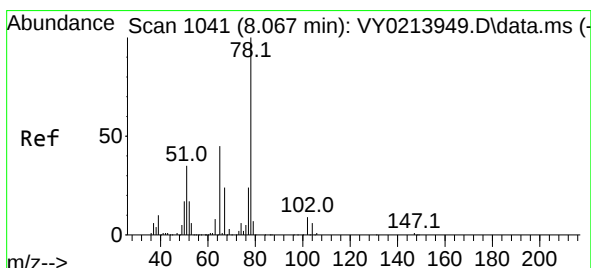
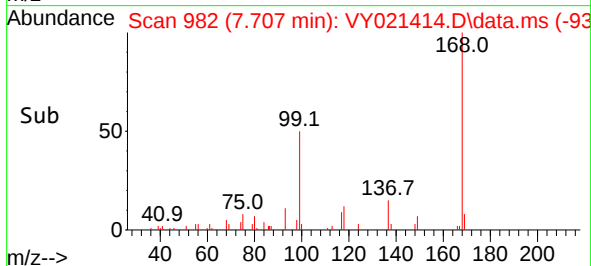
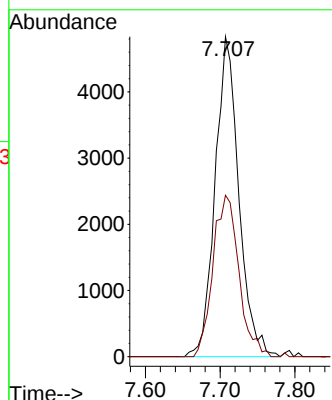
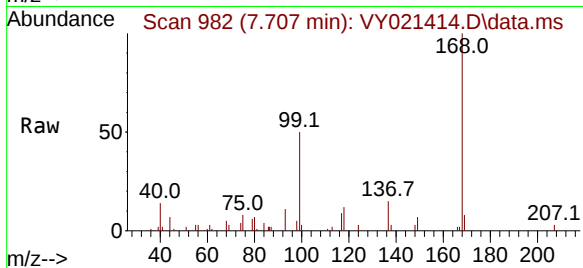




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021414.D
Acq: 05 Mar 2025 15:45

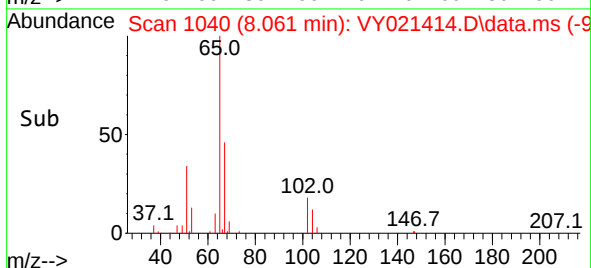
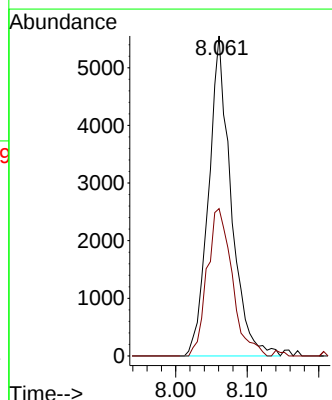
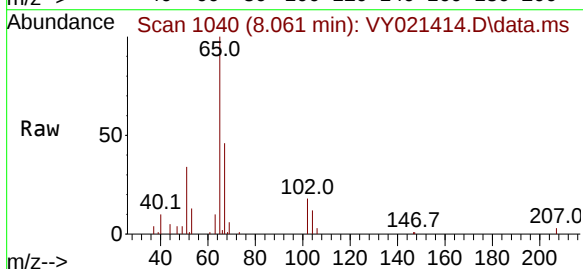
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

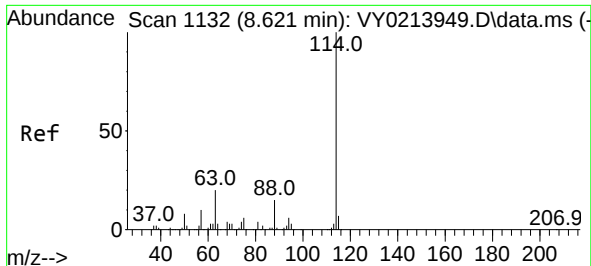
Tgt Ion:168 Resp: 10645
Ion Ratio Lower Upper
168 100
99 50.4 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 107.509 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021414.D
Acq: 05 Mar 2025 15:45

Tgt Ion: 65 Resp: 12096
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021414.D

Acq: 05 Mar 2025 15:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

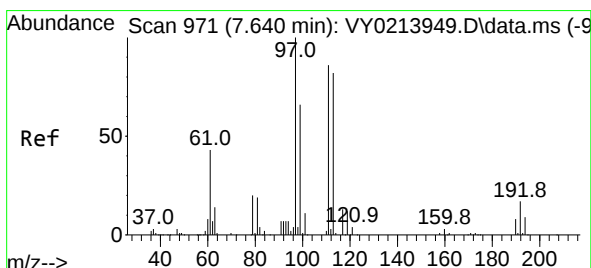
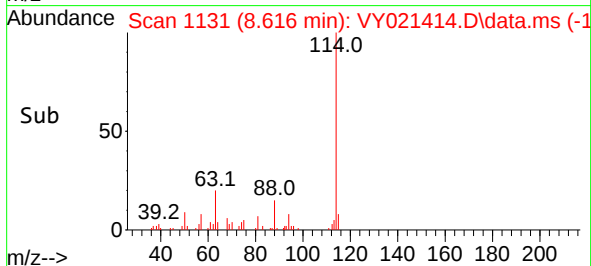
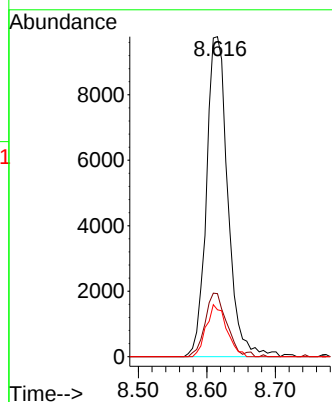
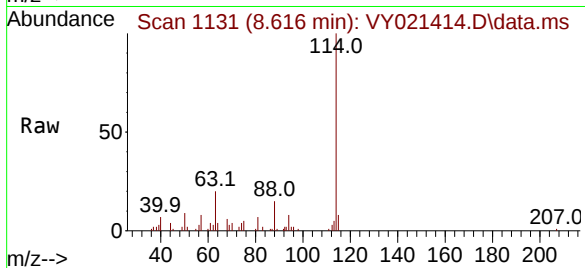
Tgt Ion:114 Resp: 21199

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 14.7 0.0 30.8



#35

Dibromofluoromethane

Concen: 70.624 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.000 min

Lab File: VY021414.D

Acq: 05 Mar 2025 15:45

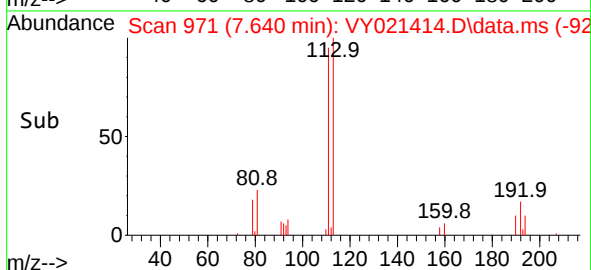
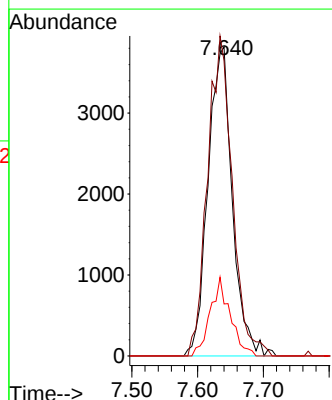
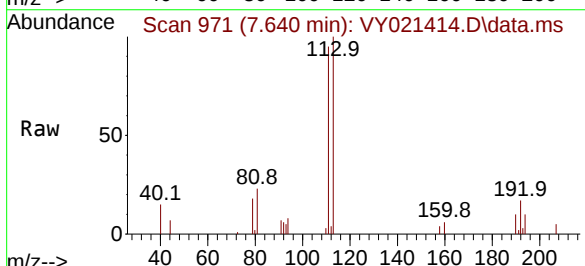
Tgt Ion:113 Resp: 9841

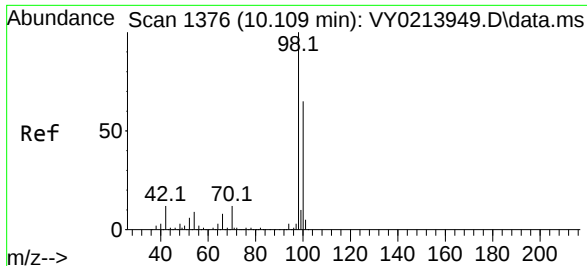
Ion Ratio Lower Upper

113 100

111 105.2 82.0 123.0

192 21.0 15.9 23.9

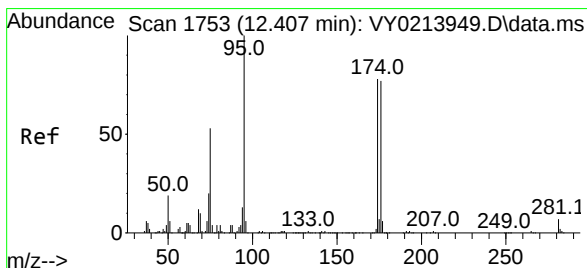
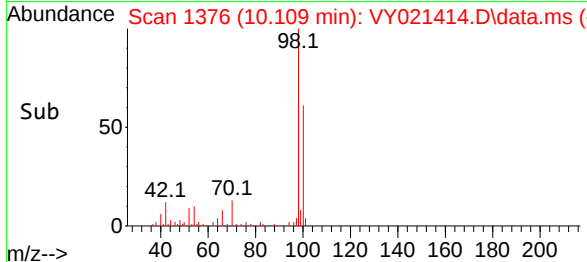
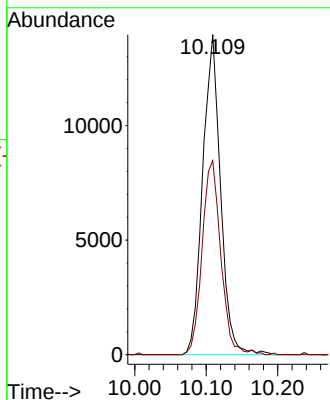
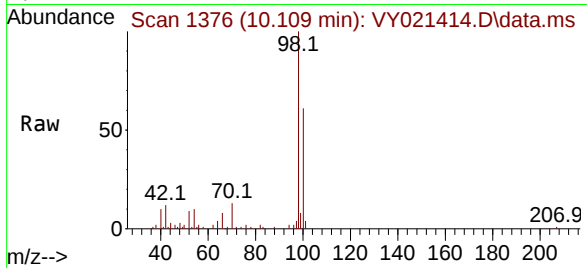




#50
Toluene-d8
Concen: 46.050 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021414.D
Acq: 05 Mar 2025 15:45

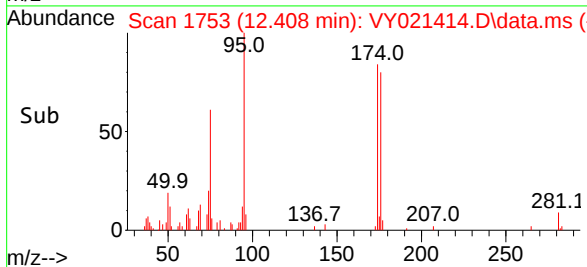
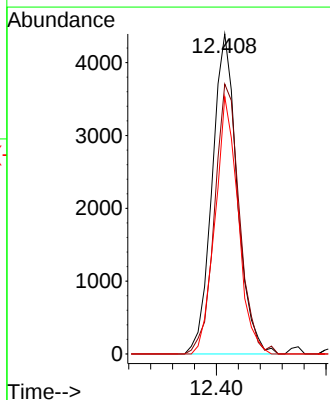
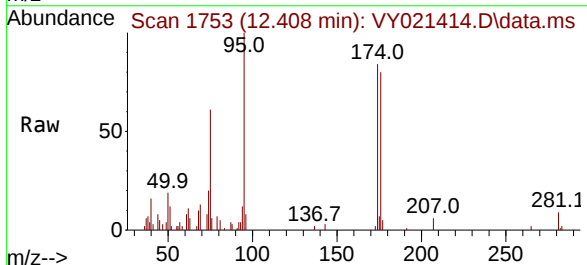
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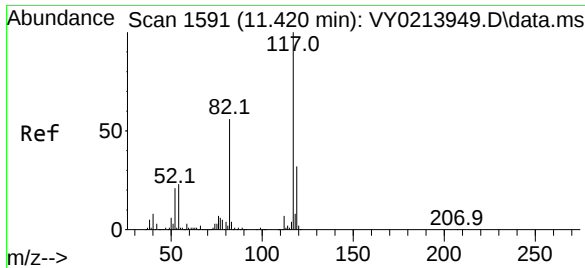
Tgt Ion: 98 Resp: 24296
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 38.854 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021414.D
Acq: 05 Mar 2025 15:45

Tgt Ion: 95 Resp: 6973
Ion Ratio Lower Upper
95 100
174 83.8 0.0 165.0
176 73.9 0.0 160.0

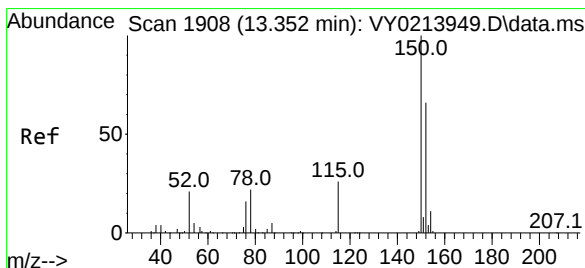
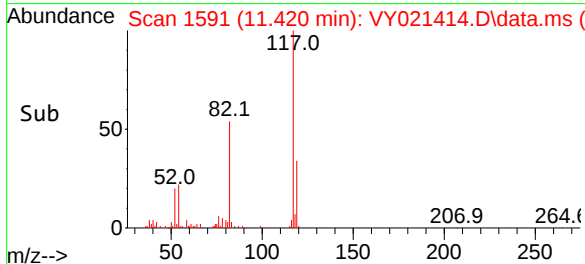
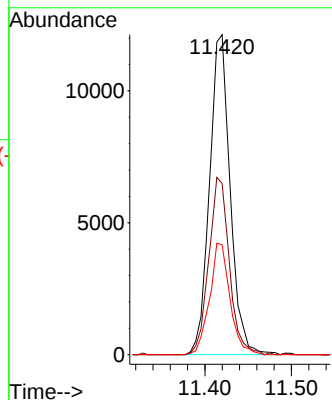
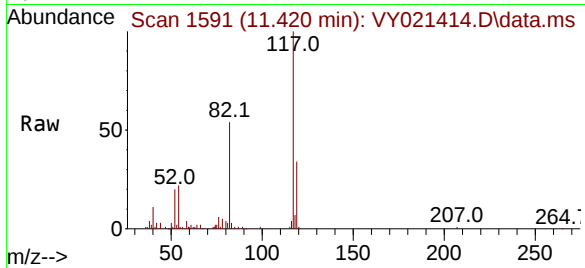




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021414.D
Acq: 05 Mar 2025 15:45

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117	Resp:	20115
Ion Ratio	Lower	Upper
117	100	
82	53.5	44.6 67.0
119	34.3	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021414.D
Acq: 05 Mar 2025 15:45

Tgt Ion:152	Resp:	5358
Ion Ratio	Lower	Upper
152	100	
115	57.2	29.0 87.0
150	144.6	0.0 347.2

