

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021092.D
 Acq On : 05 Feb 2025 16:35
 Operator : SY/MD
 Sample : Q1241-05
 Misc : 7.74g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-5.3-013025

Quant Time: Feb 06 00:56:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	193458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	355898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	296013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	91291	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	113600	57.312	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.620%
35) Dibromofluoromethane	7.640	113	118198	51.822	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.640%
50) Toluene-d8	10.109	98	424465	48.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.760%
62) 4-Bromofluorobenzene	12.407	95	111199	39.199	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.400%

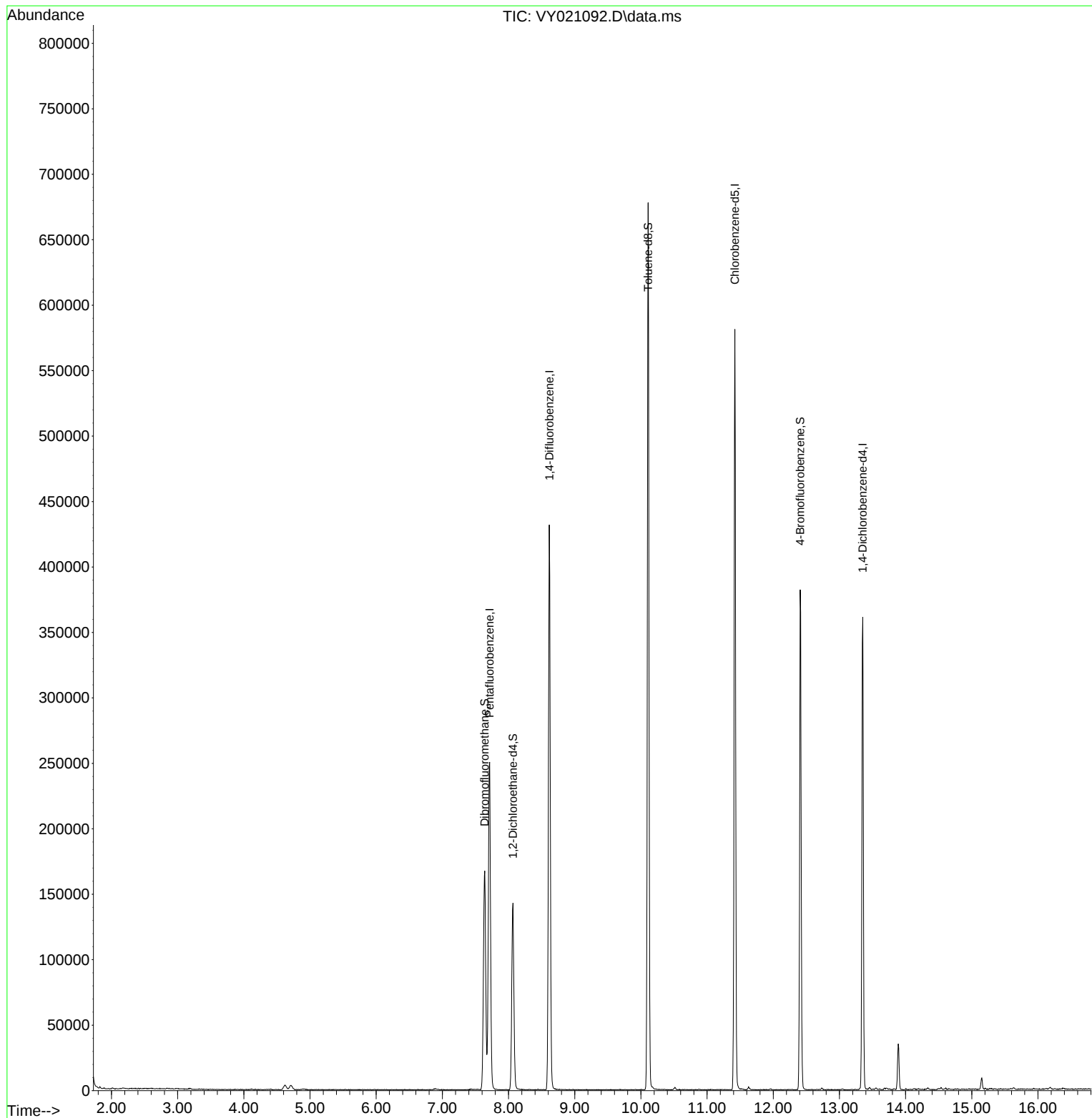
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
Data File : VY021092.D
Acq On : 05 Feb 2025 16:35
Operator : SY/MD
Sample : Q1241-05
Misc : 7.74g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.3-013025

Quant Time: Feb 06 00:56:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

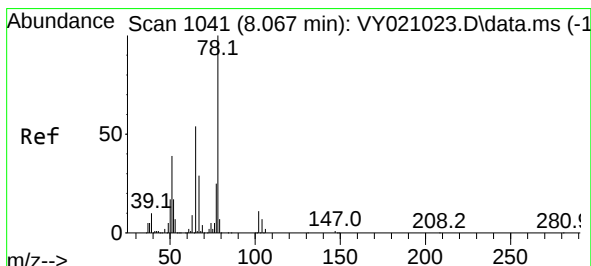
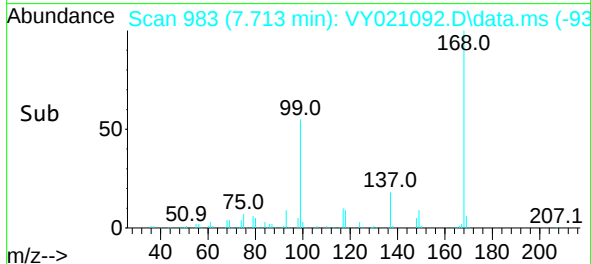
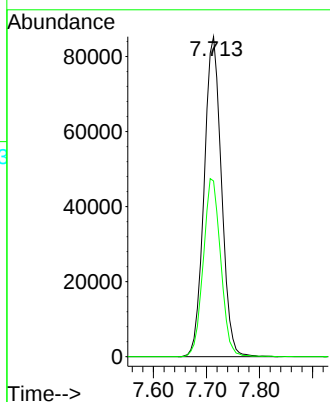
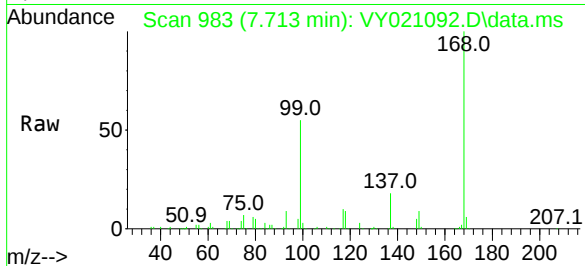




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021092.D
Acq: 05 Feb 2025 16:35

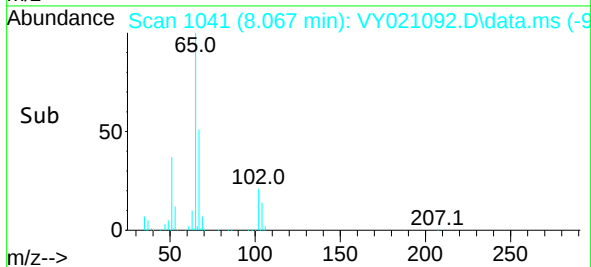
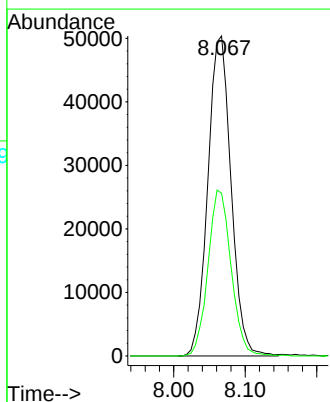
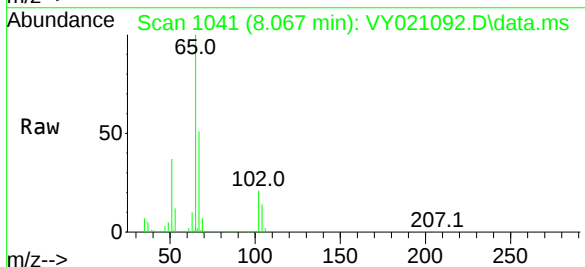
Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.3-013025

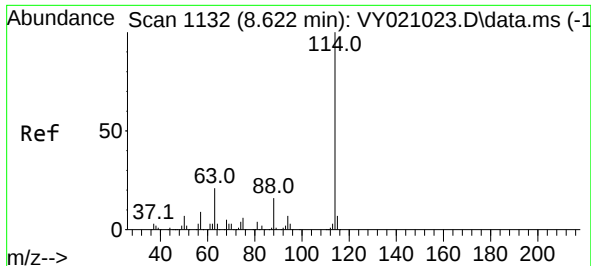
Tgt Ion:168 Resp: 193458
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 57.312 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021092.D
Acq: 05 Feb 2025 16:35

Tgt Ion: 65 Resp: 113600
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021092.D

Acq: 05 Feb 2025 16:35

Instrument :

MSVOA_Y

ClientSampleId :

JPP-5.3-013025

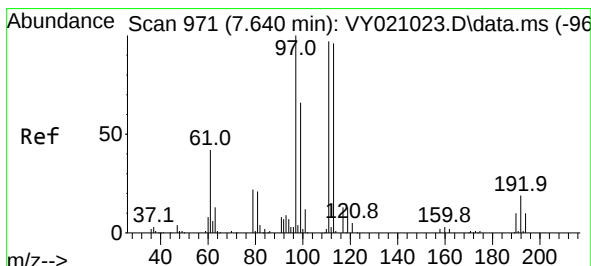
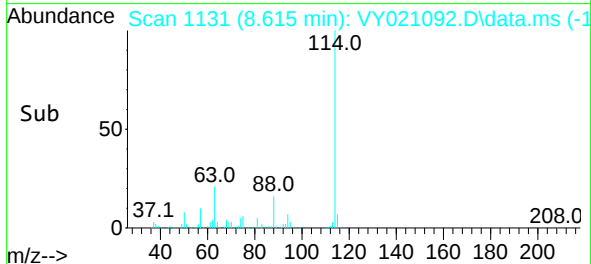
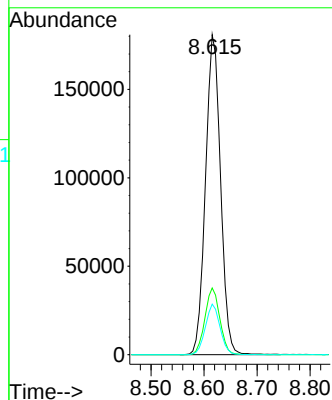
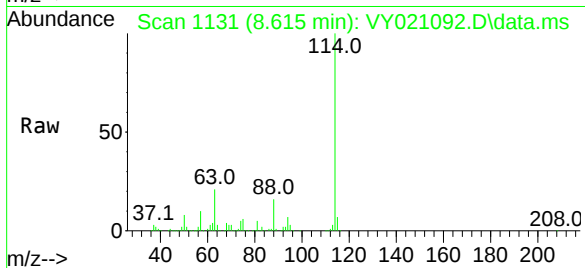
Tgt Ion:114 Resp: 355898

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.822 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021092.D

Acq: 05 Feb 2025 16:35

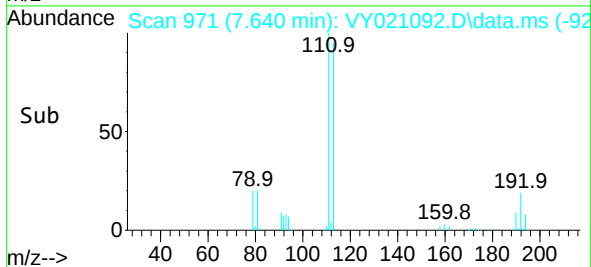
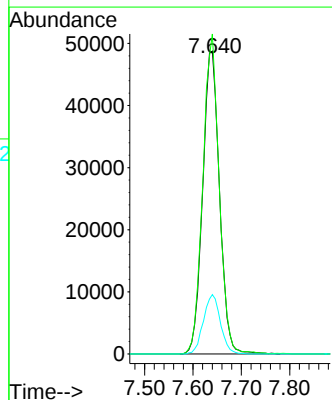
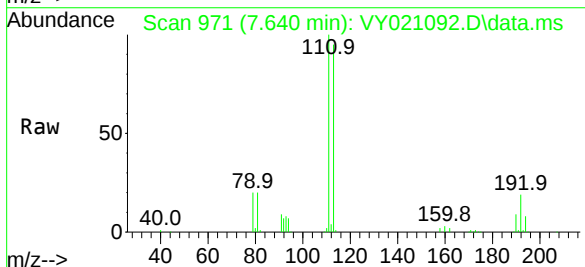
Tgt Ion:113 Resp: 118198

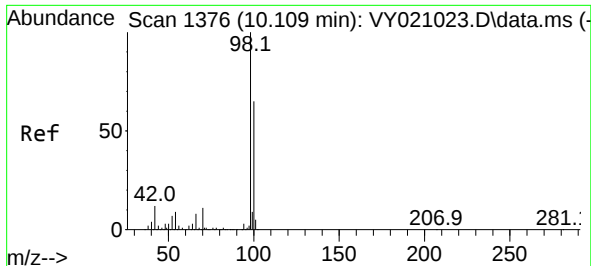
Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 19.8 14.5 21.7

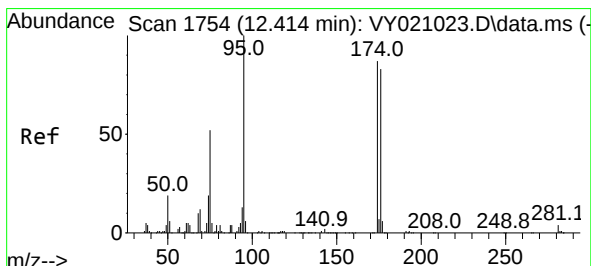
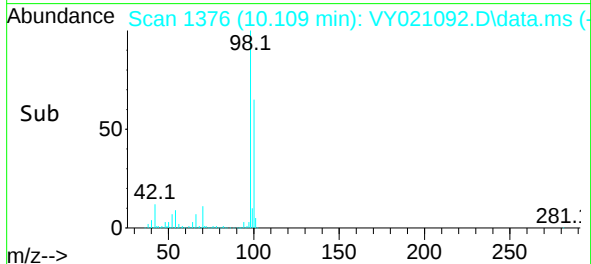
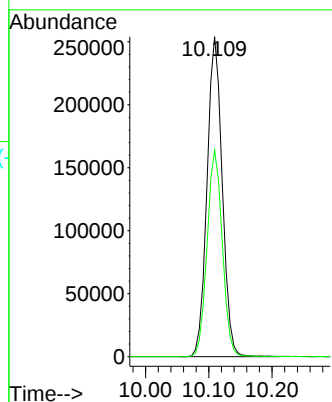
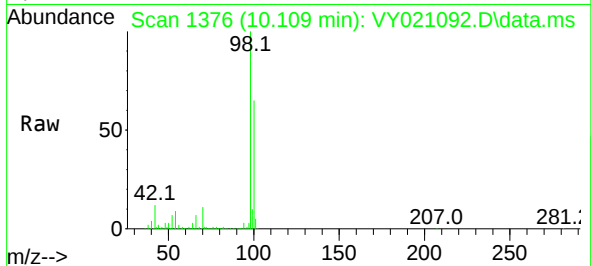




#50
Toluene-d8
Concen: 48.883 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021092.D
Acq: 05 Feb 2025 16:35

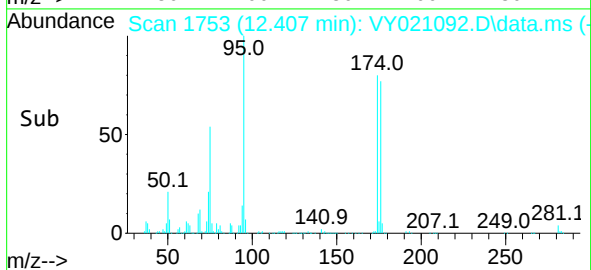
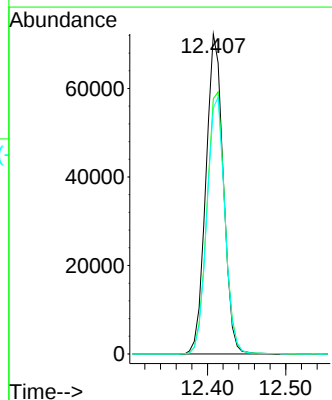
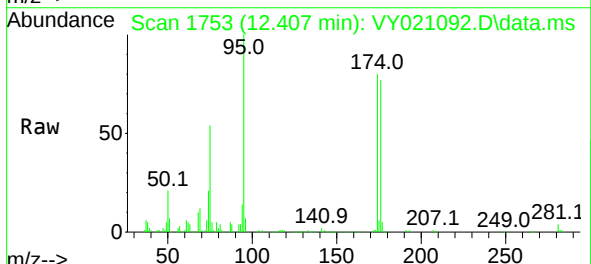
Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.3-013025

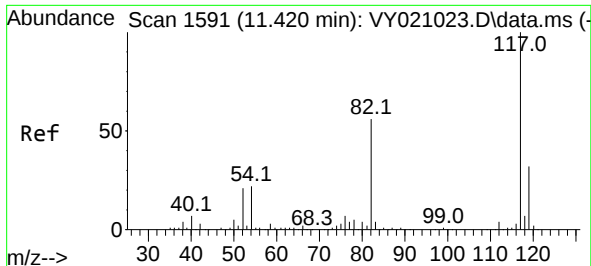
Tgt Ion: 98 Resp: 424465
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 39.199 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021092.D
Acq: 05 Feb 2025 16:35

Tgt Ion: 95 Resp: 111199
Ion Ratio Lower Upper
95 100
174 84.9 0.0 160.0
176 82.6 0.0 151.8

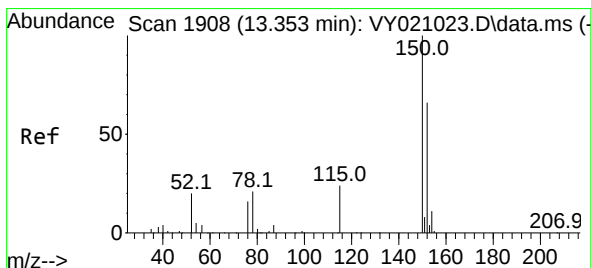
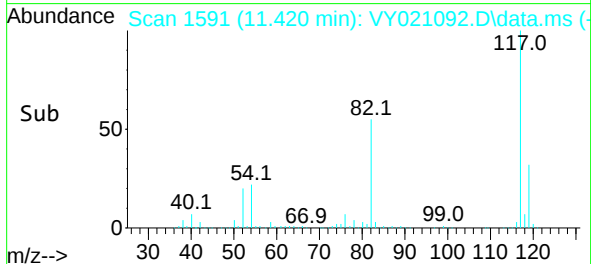
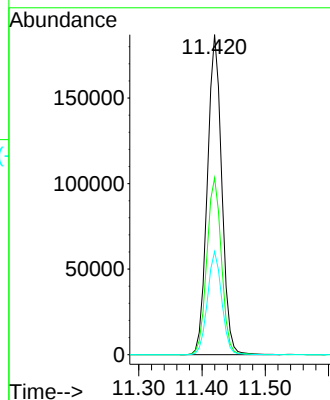
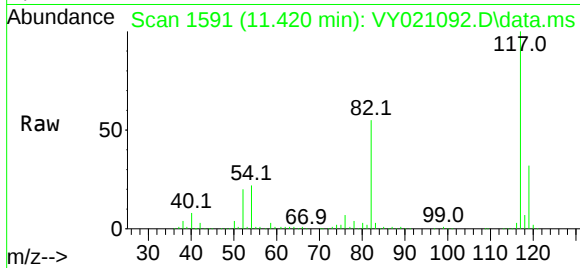




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY021092.D
Acq: 05 Feb 2025 16:35

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5.3-013025

Tgt Ion:117 Resp: 296013
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 32.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY021092.D
Acq: 05 Feb 2025 16:35

Tgt Ion:152 Resp: 91291
Ion Ratio Lower Upper
152 100
115 56.9 30.0 90.0
150 154.9 0.0 344.6

