

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042425\
 Data File : VY021988.D
 Acq On : 24 Apr 2025 09:04
 Operator : SY/MD
 Sample : VY0424SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0424SBL01

Quant Time: Apr 25 01:22:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	322073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	596272	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	513984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	181630	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	155306	52.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.400%
35) Dibromofluoromethane	7.634	113	200767	50.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.940%
50) Toluene-d8	10.109	98	712888	48.002	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.000%
62) 4-Bromofluorobenzene	12.408	95	184917	36.987	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.980%

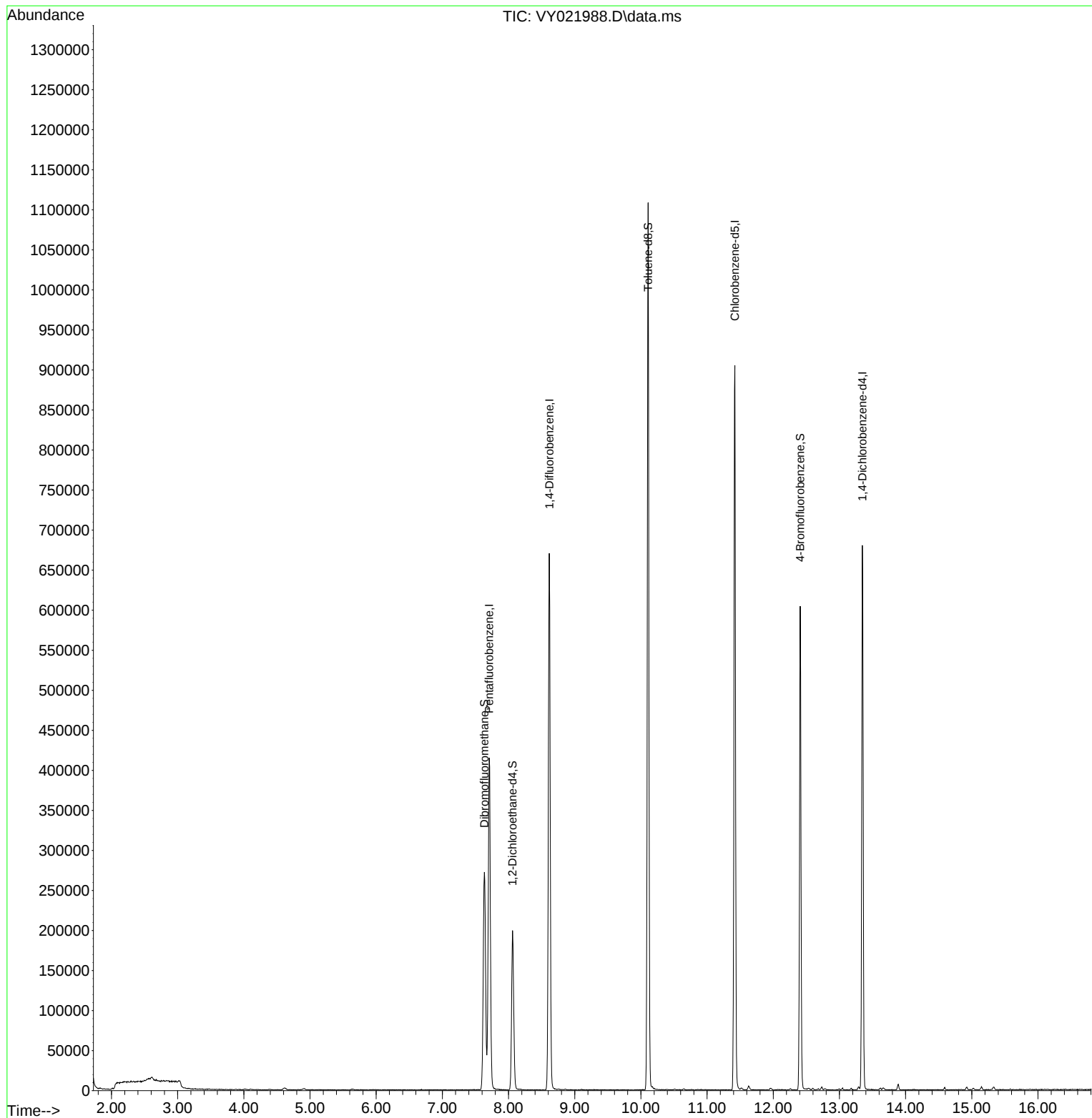
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042425\
Data File : VY021988.D
Acq On : 24 Apr 2025 09:04
Operator : SY/MD
Sample : VY0424SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL01

Quant Time: Apr 25 01:22:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

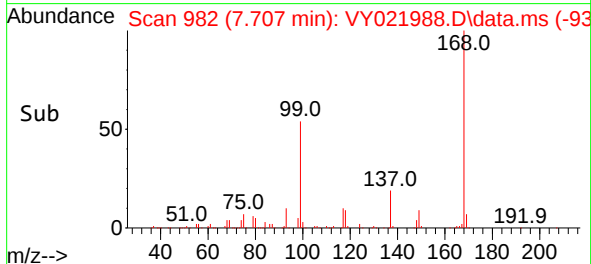
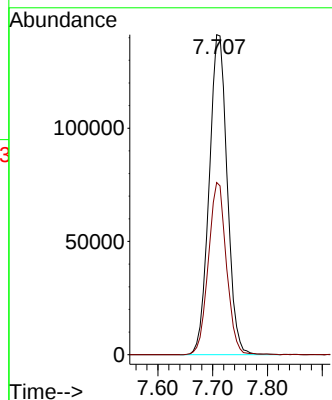
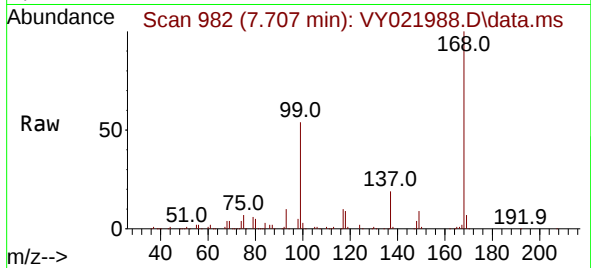




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021988.D
Acq: 24 Apr 2025 09:04

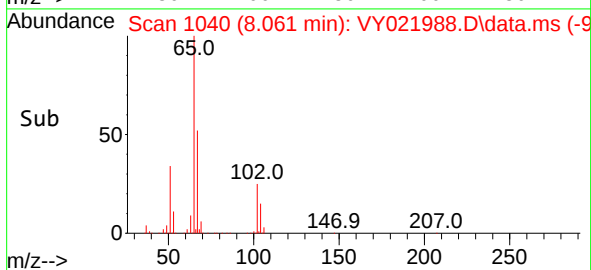
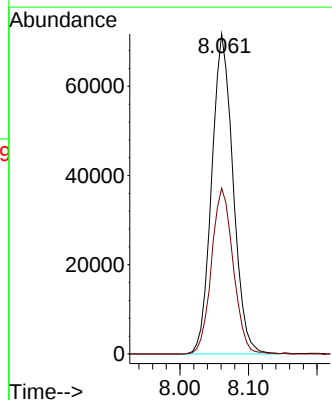
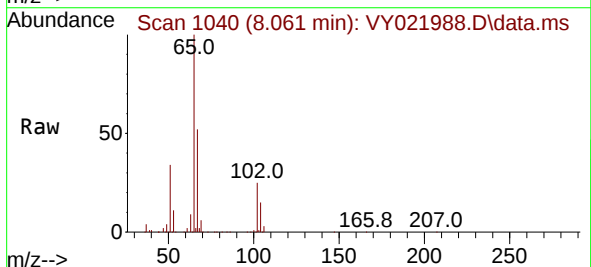
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL01

Tgt Ion:168 Resp: 322073
Ion Ratio Lower Upper
168 100
99 53.8 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 52.205 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021988.D
Acq: 24 Apr 2025 09:04

Tgt Ion: 65 Resp: 155306
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021988.D

Acq: 24 Apr 2025 09:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0424SBL01

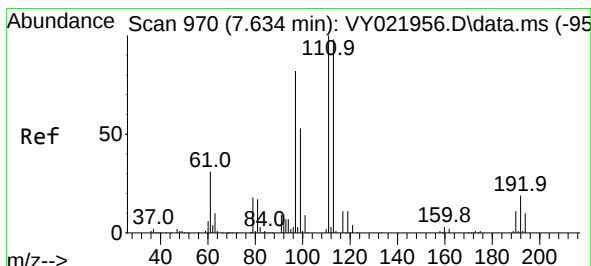
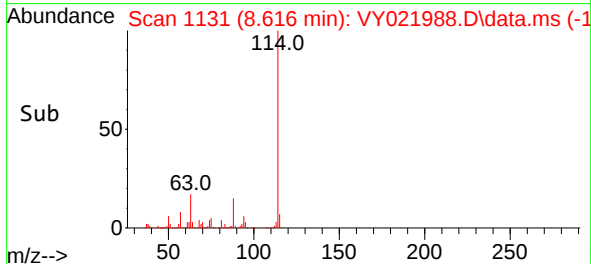
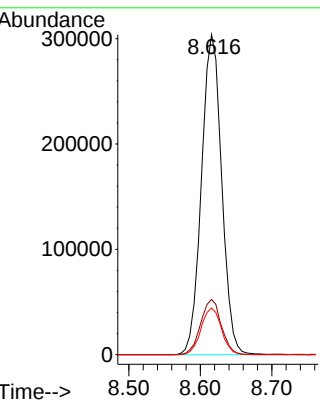
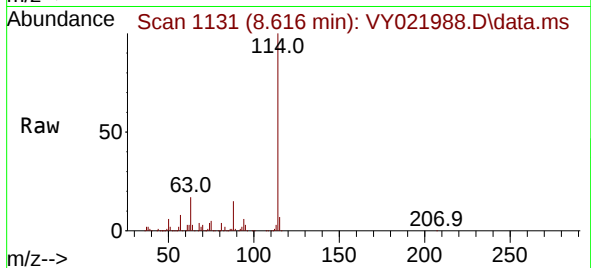
Tgt Ion:114 Resp: 596272

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.4

88 14.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.965 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY021988.D

Acq: 24 Apr 2025 09:04

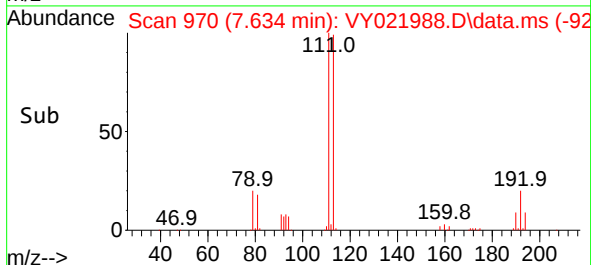
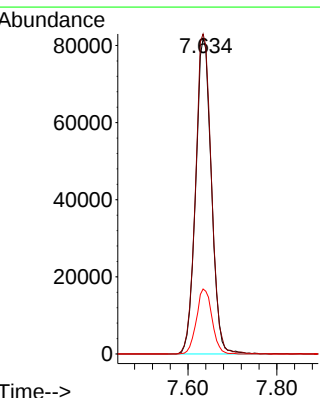
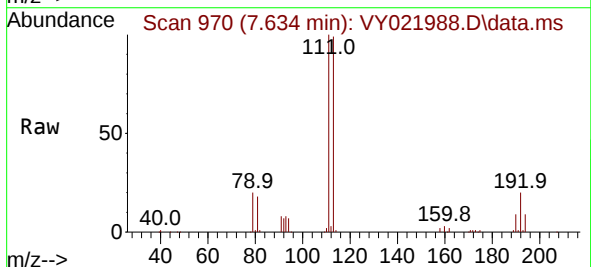
Tgt Ion:113 Resp: 200767

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

192 20.4 15.6 23.4

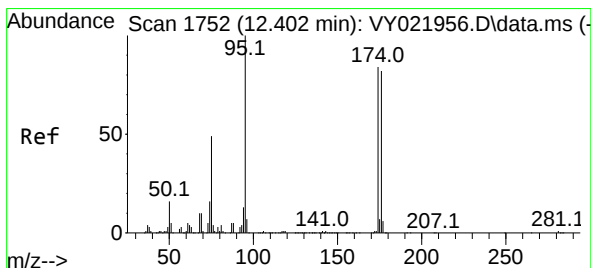
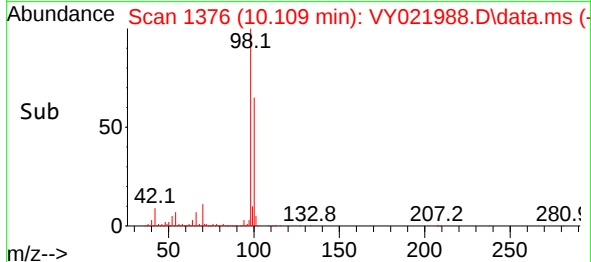
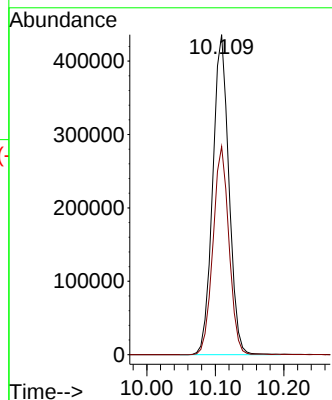
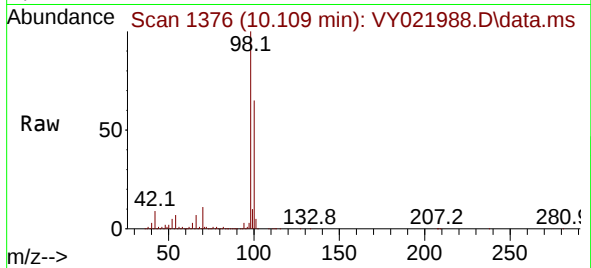




#50
Toluene-d8
Concen: 48.002 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021988.D
Acq: 24 Apr 2025 09:04

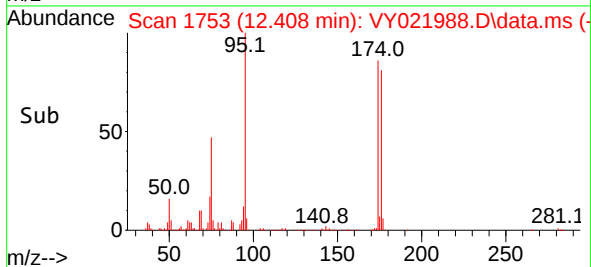
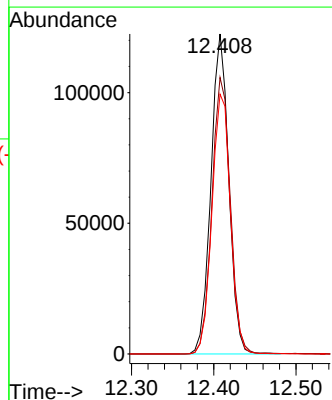
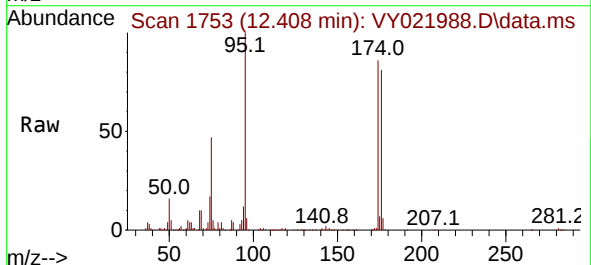
Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL01

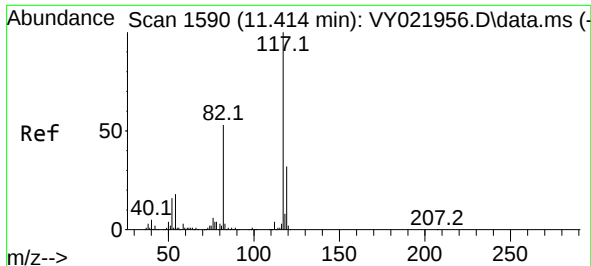
Tgt Ion: 98 Resp: 712888
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 36.987 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021988.D
Acq: 24 Apr 2025 09:04

Tgt Ion: 95 Resp: 184917
Ion Ratio Lower Upper
95 100
174 89.1 0.0 179.0
176 84.2 0.0 171.8

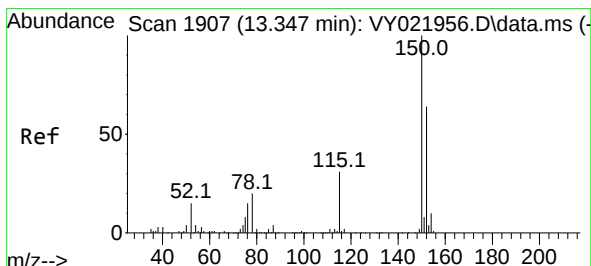
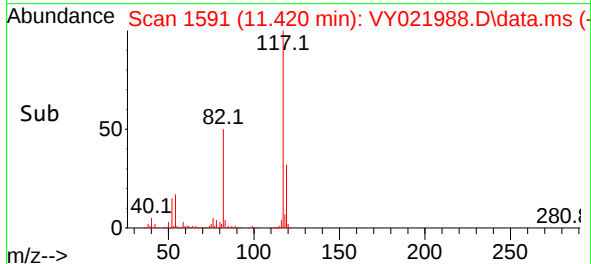
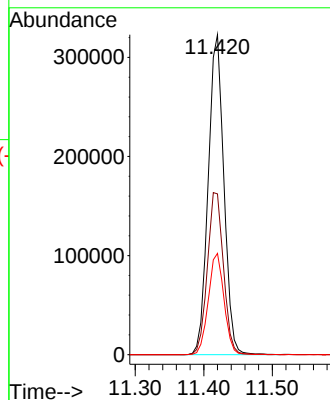
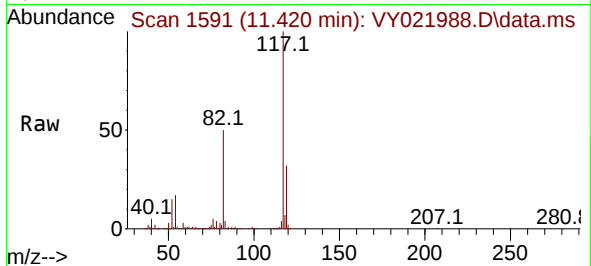




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY021988.D
Acq: 24 Apr 2025 09:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0424SBL01

Tgt Ion:117 Resp: 513984
Ion Ratio Lower Upper
117 100
82 50.3 42.1 63.1
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021988.D
Acq: 24 Apr 2025 09:04

Tgt Ion:152 Resp: 181630
Ion Ratio Lower Upper
152 100
115 55.4 28.0 84.0
150 153.9 0.0 345.6

