

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022355.D
 Acq On : 21 May 2025 10:05
 Operator : SY/MD
 Sample : VY0521SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0521SBL01

Quant Time: May 22 00:04:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	261806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	457379	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	349876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	119412	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	121999	42.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.280%
35) Dibromofluoromethane	7.634	113	131294	48.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.180%
50) Toluene-d8	10.109	98	544244	48.678	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.407	95	178232	50.294	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.580%

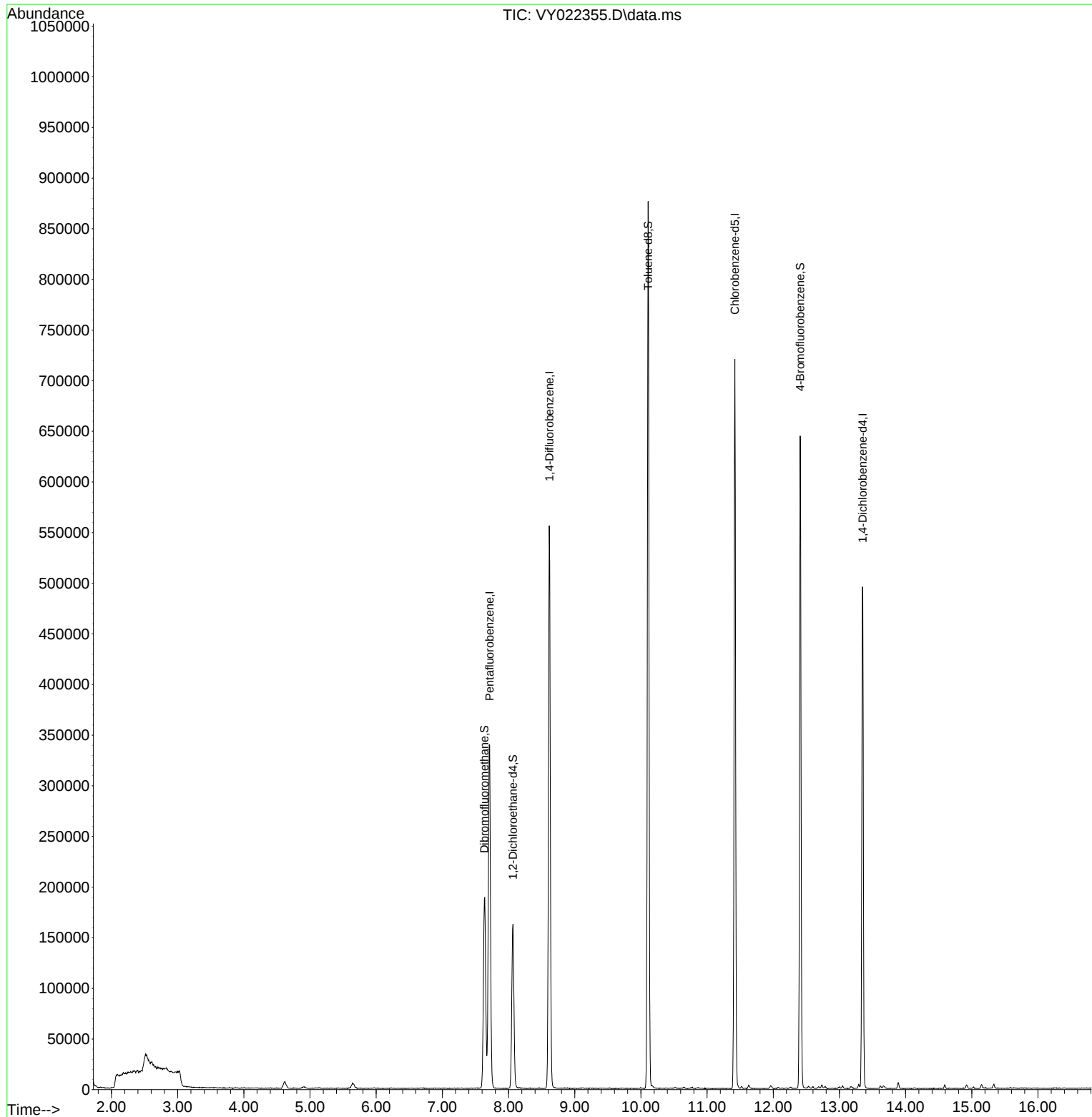
Target Compounds	Qvalue

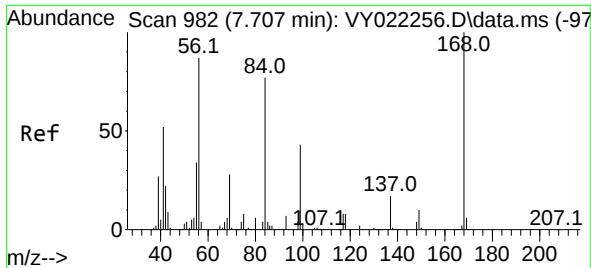
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022355.D
Acq On : 21 May 2025 10:05
Operator : SY/MD
Sample : VY0521SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL01

Quant Time: May 22 00:04:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

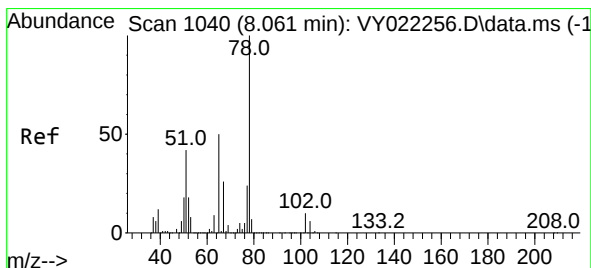
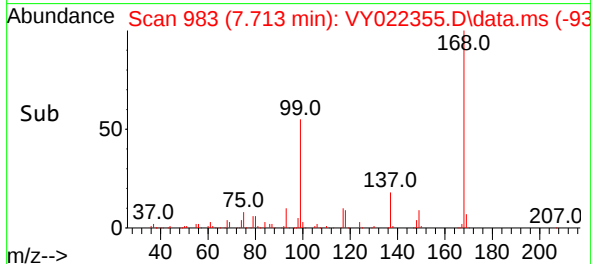
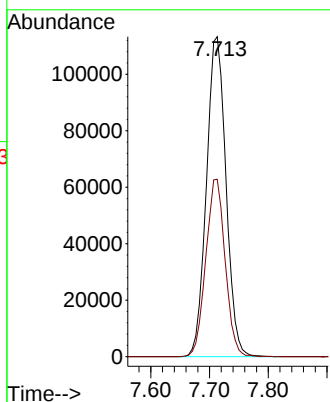
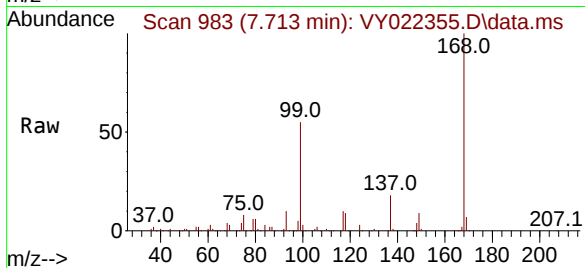




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

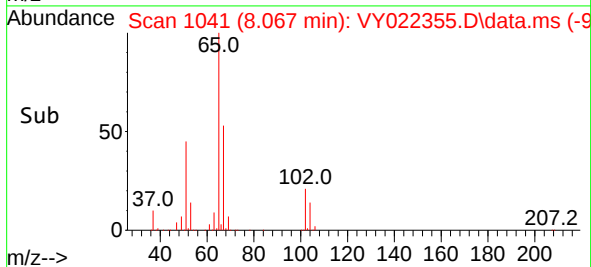
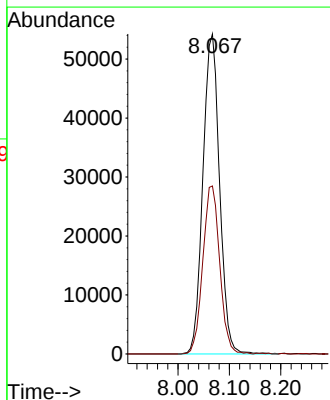
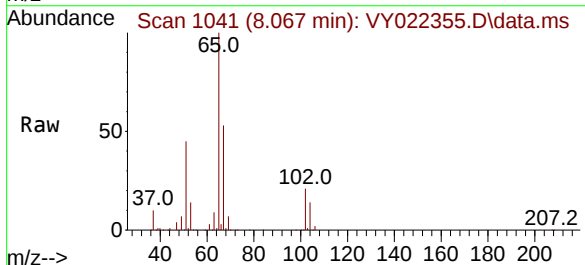
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL01

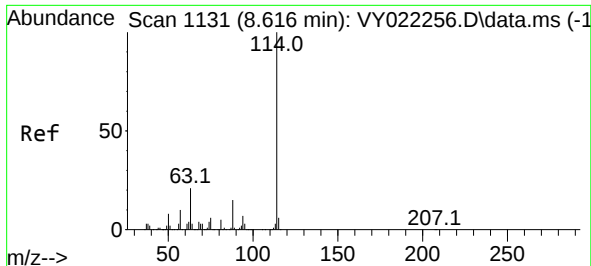
Tgt Ion:168 Resp: 261806
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 42.638 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

Tgt Ion: 65 Resp: 121999
Ion Ratio Lower Upper
65 100
67 53.3 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022355.D

Acq: 21 May 2025 10:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0521SBL01

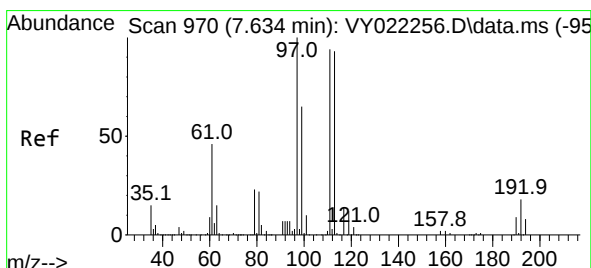
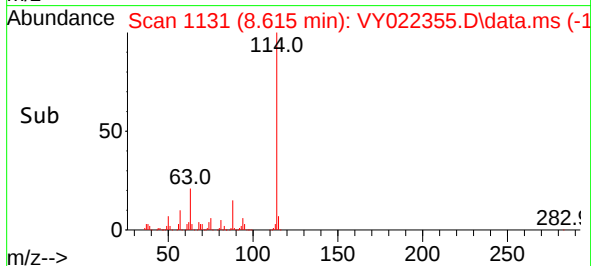
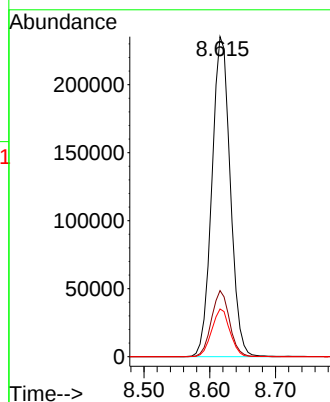
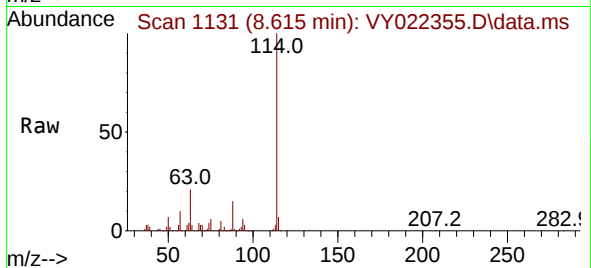
Tgt Ion:114 Resp: 457379

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.0

88 14.9 0.0 29.4



#35

Dibromofluoromethane

Concen: 48.095 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022355.D

Acq: 21 May 2025 10:05

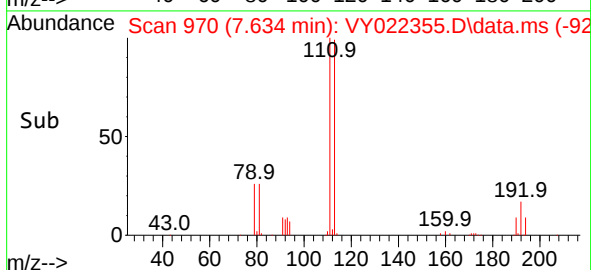
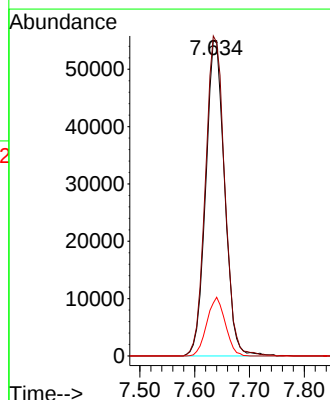
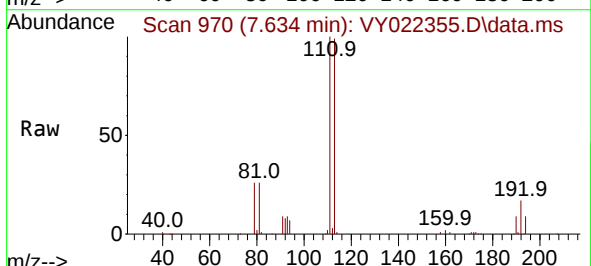
Tgt Ion:113 Resp: 131294

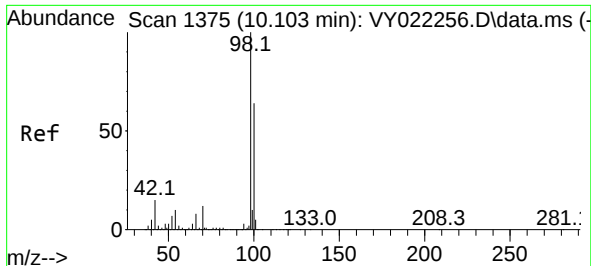
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 18.2 15.2 22.8

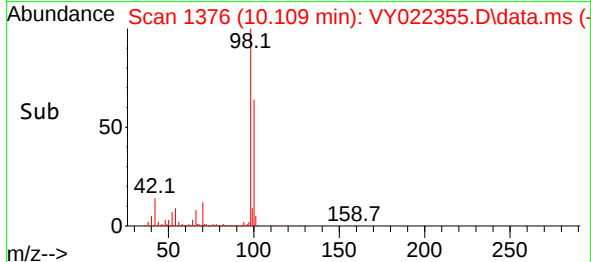
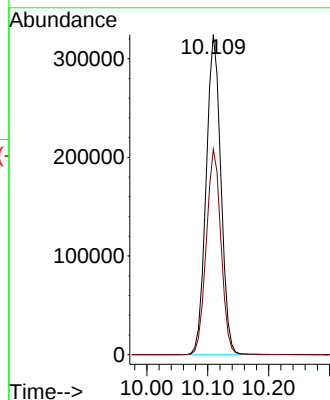
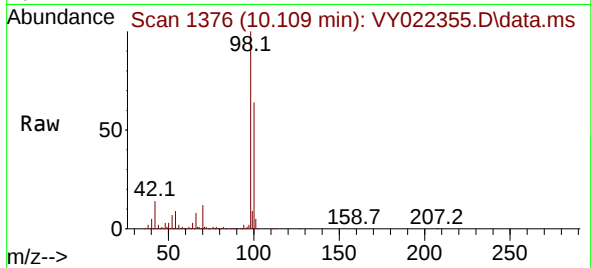




#50
Toluene-d8
Concen: 48.678 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

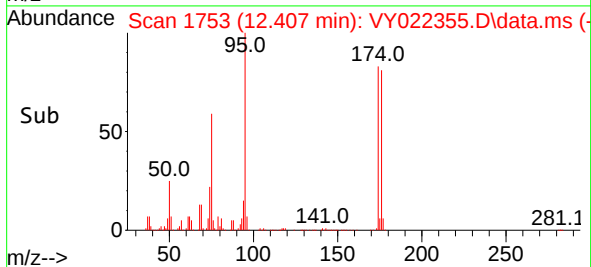
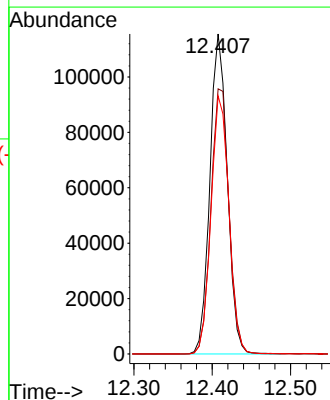
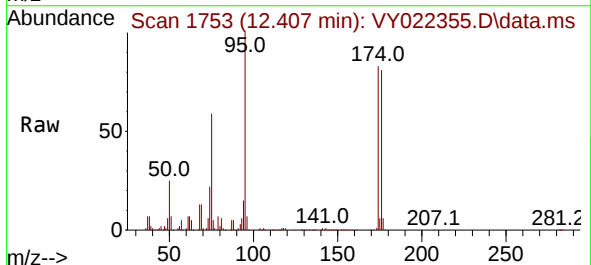
Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL01

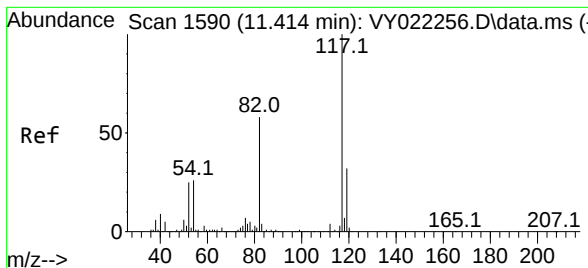
Tgt Ion: 98 Resp: 544244
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 50.294 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

Tgt Ion: 95 Resp: 178232
Ion Ratio Lower Upper
95 100
174 86.3 0.0 166.8
176 83.0 0.0 160.8

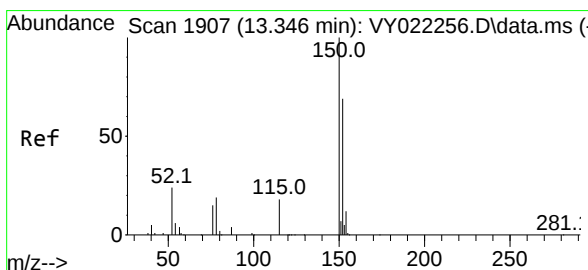
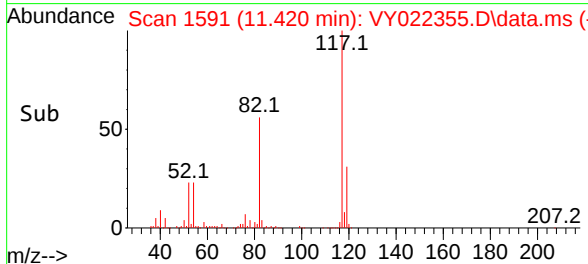
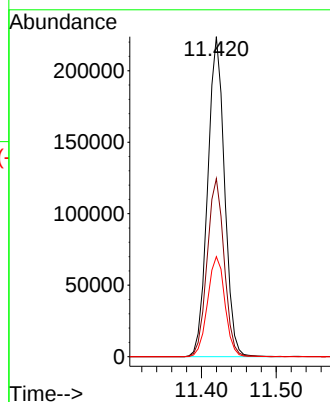
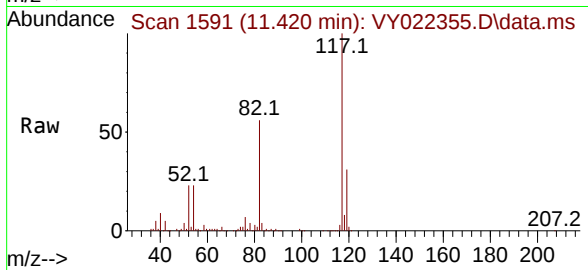




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

Instrument :
MSVOA_Y
ClientSampleId :
VY0521SBL01

Tgt Ion:117 Resp: 349876
Ion Ratio Lower Upper
117 100
82 55.7 46.6 70.0
119 31.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY022355.D
Acq: 21 May 2025 10:05

Tgt Ion:152 Resp: 119412
Ion Ratio Lower Upper
152 100
115 58.2 29.4 88.2
150 158.9 0.0 353.8

