

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022376.D
 Acq On : 21 May 2025 18:39
 Operator : SY/MD
 Sample : Q2104-01
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-052125

Quant Time: May 22 00:15:04 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	7.707	168	6427	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	10559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	6522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	905	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	3251	46.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.560%
35) Dibromofluoromethane	7.640	113	1582	25.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	50.200%#
50) Toluene-d8	10.115	98	11553	44.760	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.520%
62) 4-Bromofluorobenzene	12.407	95	2097	25.632	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.260%

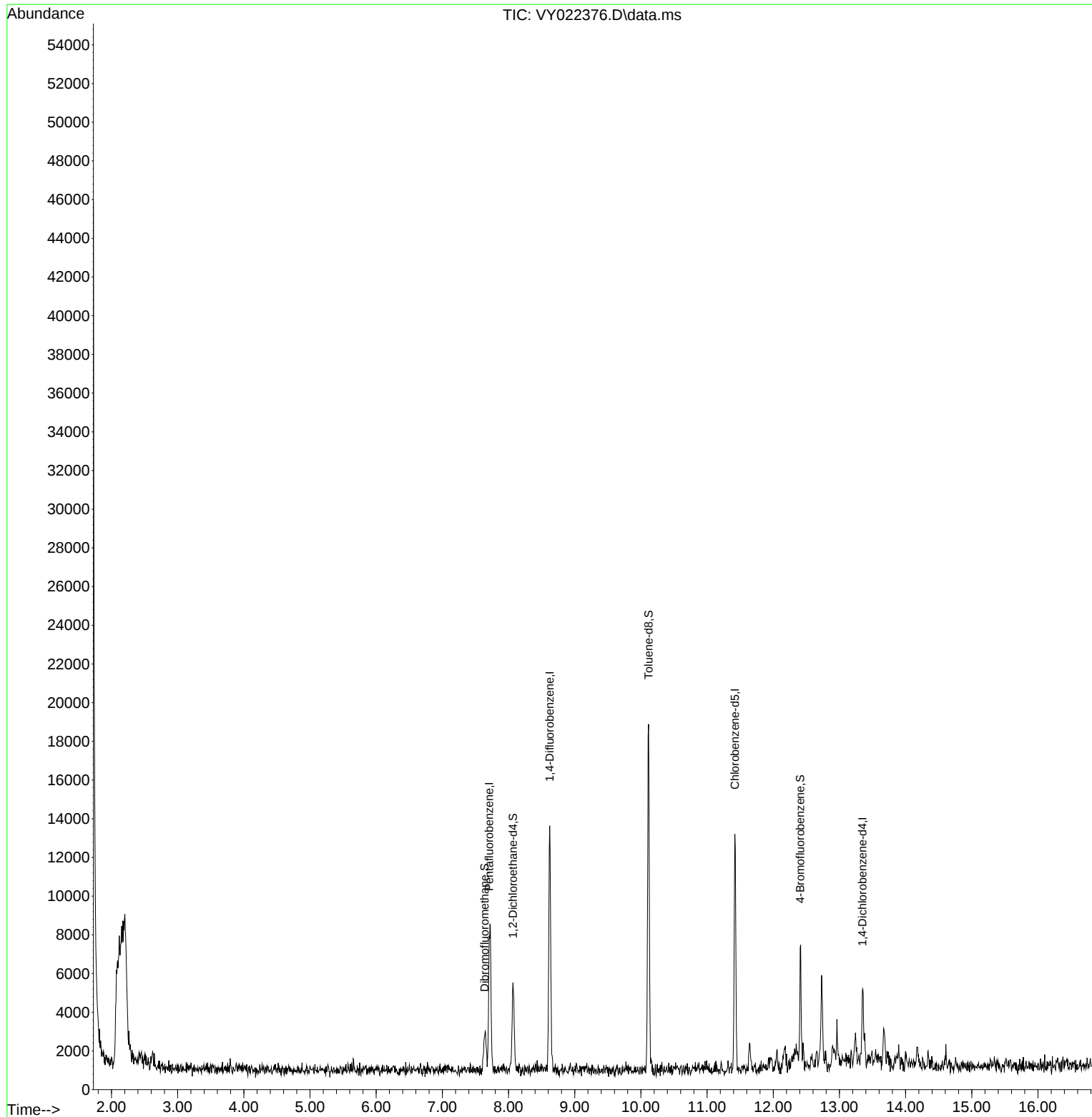
Target Compounds	Qvalue

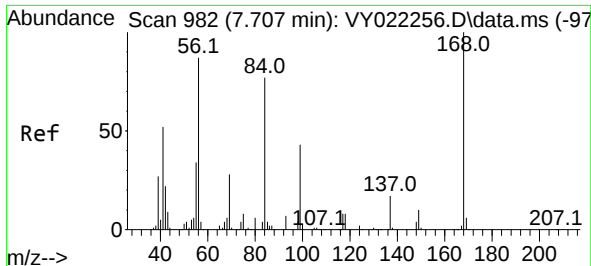
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
Data File : VY022376.D
Acq On : 21 May 2025 18:39
Operator : SY/MD
Sample : Q2104-01
Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125

Quant Time: May 22 00:15:04 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

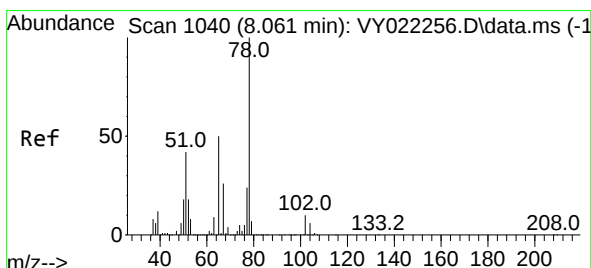
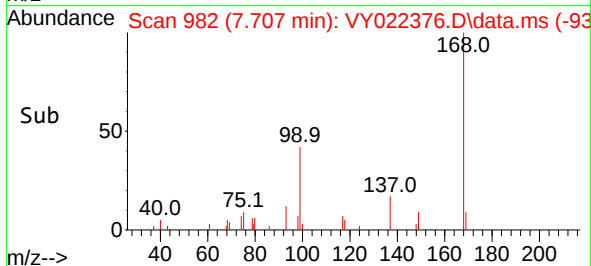
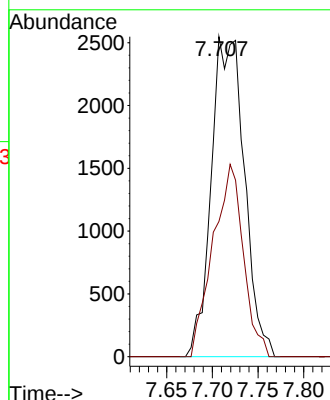
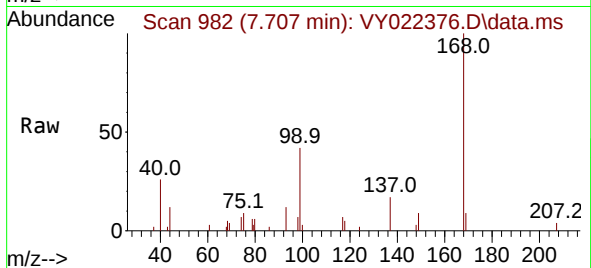




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022376.D
Acq: 21 May 2025 18:39

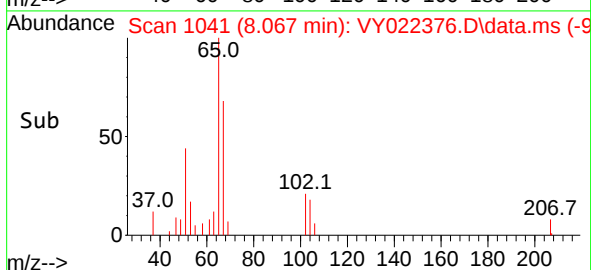
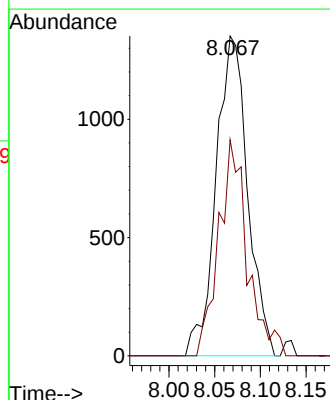
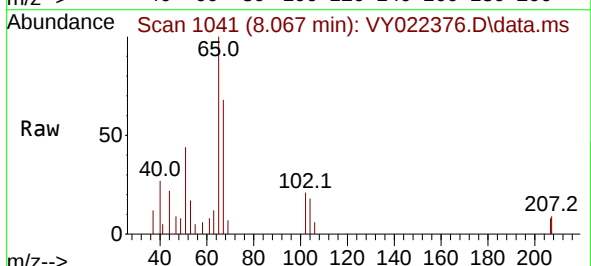
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125

Tgt Ion:168 Resp: 6427
Ion Ratio Lower Upper
168 100
99 42.3 44.2 66.4#



#33
1,2-Dichloroethane-d4
Concen: 46.283 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY022376.D
Acq: 21 May 2025 18:39

Tgt Ion: 65 Resp: 3251
Ion Ratio Lower Upper
65 100
67 61.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY022376.D

Acq: 21 May 2025 18:39

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-052125

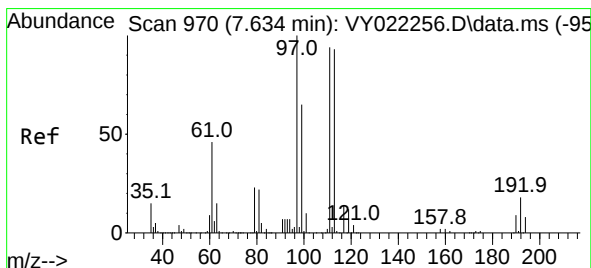
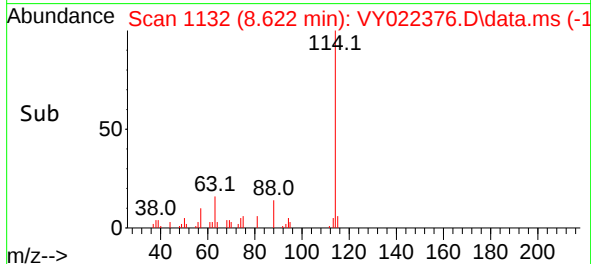
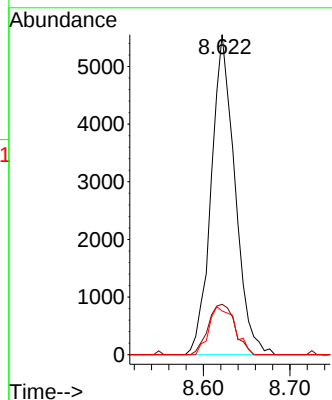
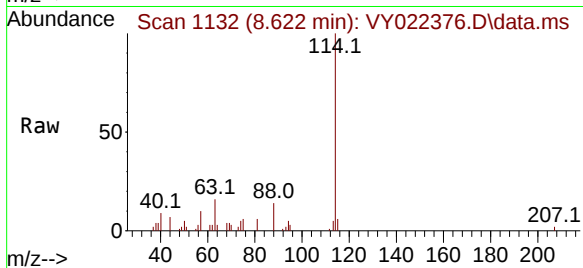
Tgt Ion:114 Resp: 10559

Ion Ratio Lower Upper

114 100

63 15.7 0.0 41.0

88 13.7 0.0 29.4



#35

Dibromofluoromethane

Concen: 25.102 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY022376.D

Acq: 21 May 2025 18:39

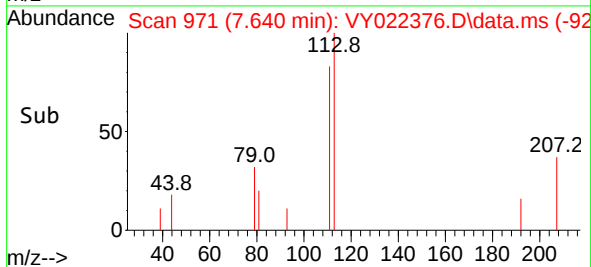
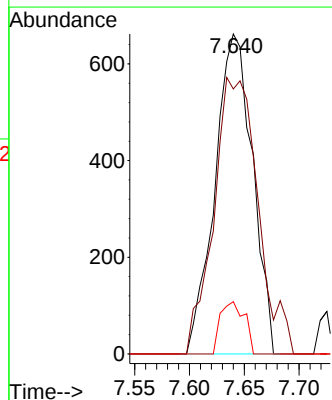
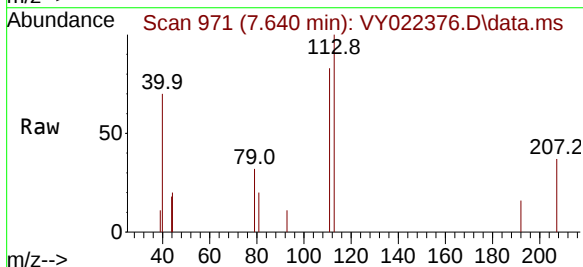
Tgt Ion:113 Resp: 1582

Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

192 10.4 15.2 22.8#





#50

Toluene-d8

Concen: 44.760 ug/l

RT: 10.115 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY022376.D

Acq: 21 May 2025 18:39

Instrument :

MSVOA_Y

ClientSampleId :

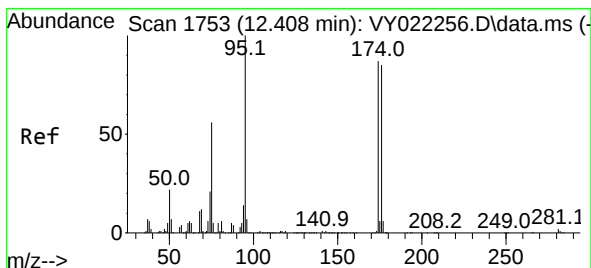
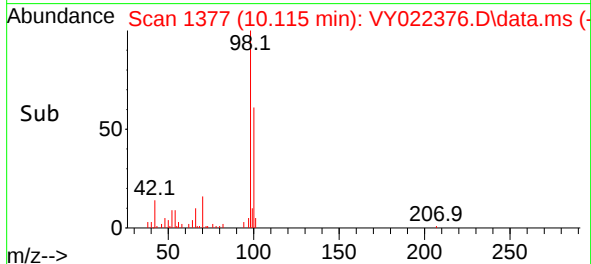
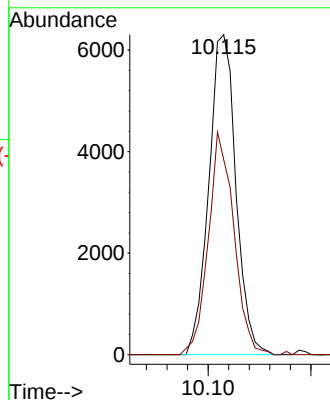
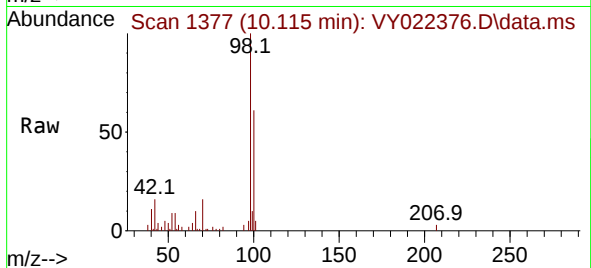
TR-06-052125

Tgt Ion: 98 Resp: 11553

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 25.632 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY022376.D

Acq: 21 May 2025 18:39

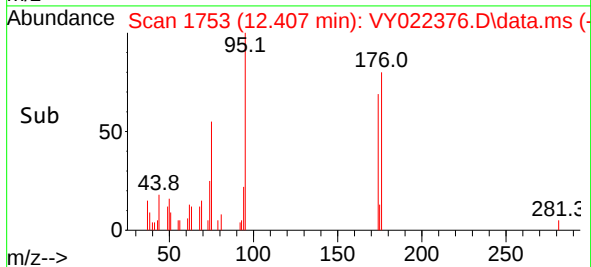
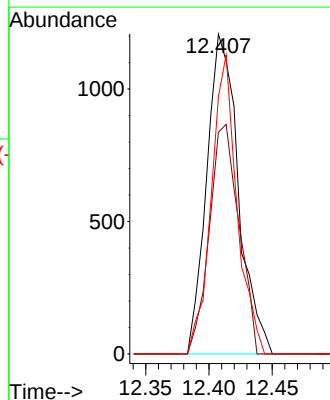
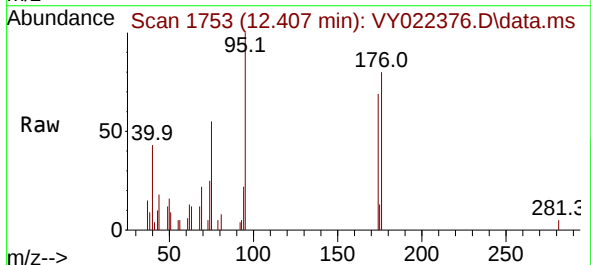
Tgt Ion: 95 Resp: 2097

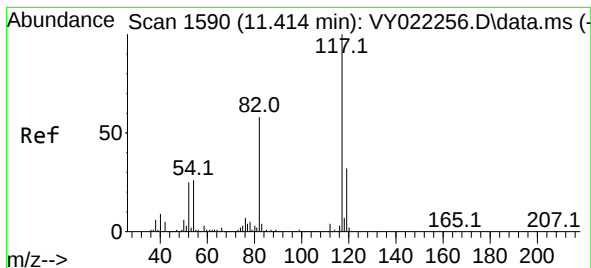
Ion Ratio Lower Upper

95 100

174 67.4 0.0 166.8

176 76.0 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: VY022376.D

Acq: 21 May 2025 18:39

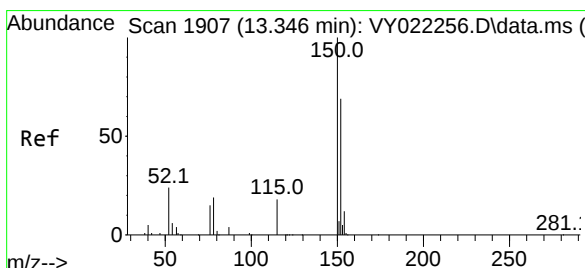
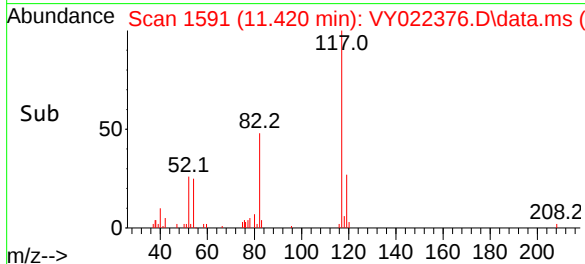
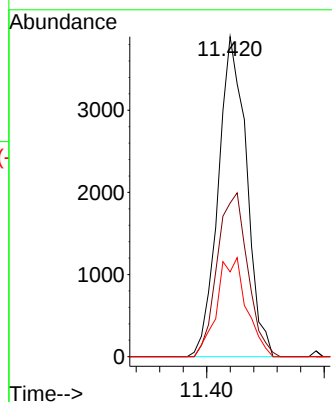
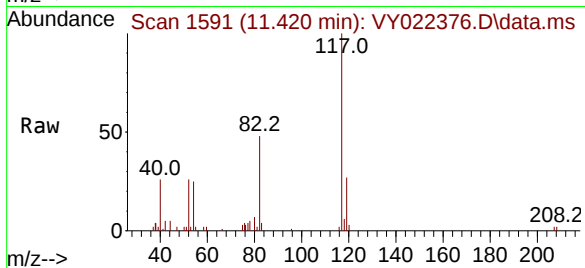
Instrument :

MSVOA_Y

ClientSampleId :

TR-06-052125

Tgt Ion:	117	Resp:	6522
Ion Ratio	Lower	Upper	
117	100		
82	48.0	46.6	70.0
119	26.5	25.8	38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022376.D

Acq: 21 May 2025 18:39

Tgt Ion:	152	Resp:	905
Ion Ratio	Lower	Upper	
152	100		
115	63.8	29.4	88.2
150	178.1	0.0	353.8

