

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
 Data File : VY022314.D
 Acq On : 19 May 2025 13:25
 Operator : SY/MD
 Sample : Q2003-02RE
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOCRE

Quant Time: May 20 01:13:17 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	67832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	100499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	65229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	20342	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	25881	34.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.820%
35) Dibromofluoromethane	7.634	113	27560	45.946	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.900%
50) Toluene-d8	10.103	98	112033	45.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.200%
62) 4-Bromofluorobenzene	12.407	95	22919	29.433	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	58.860%

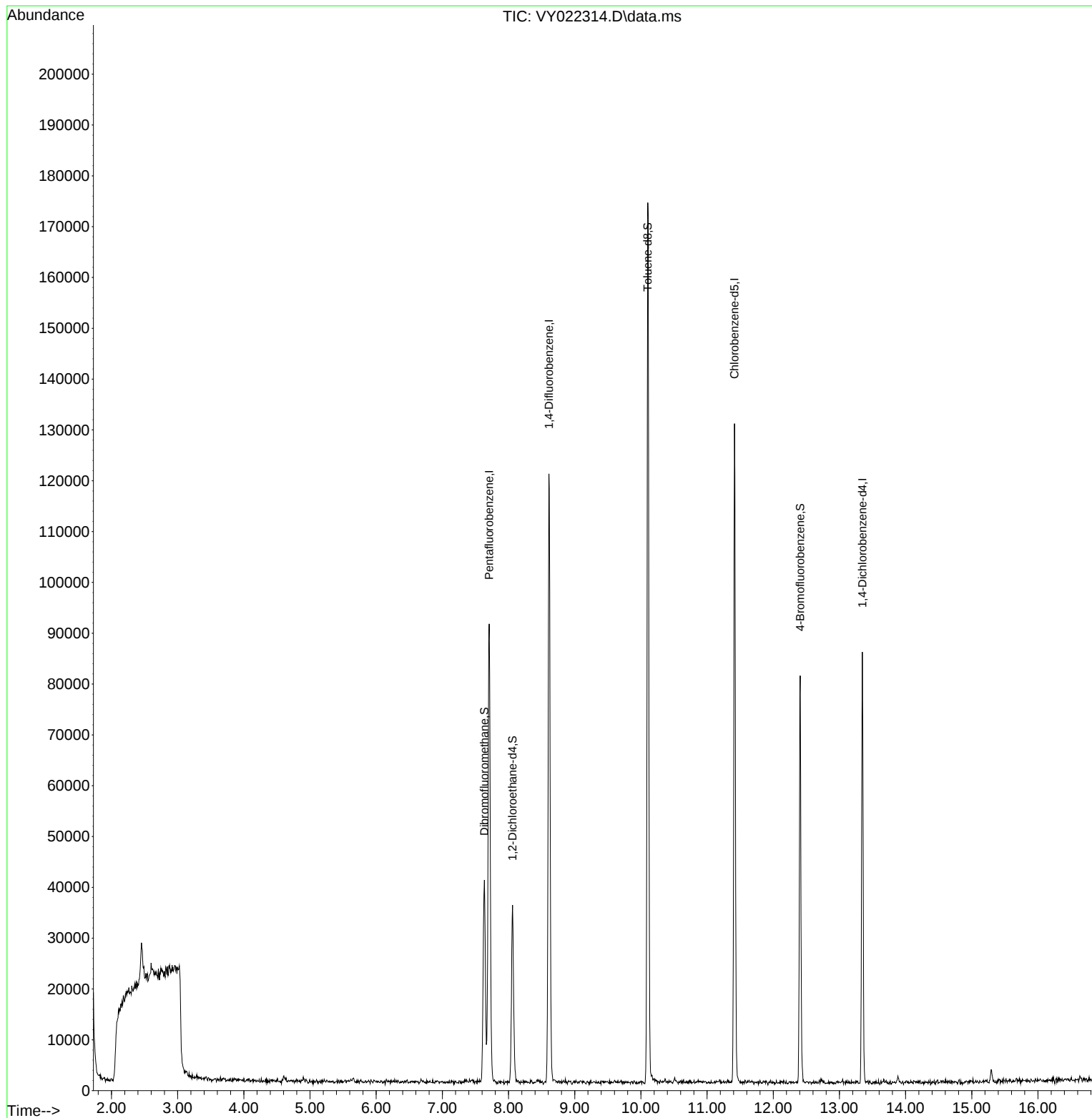
Target Compounds	Qvalue

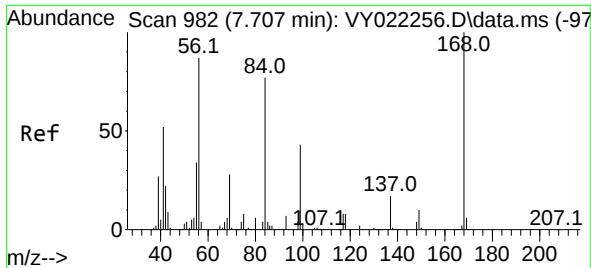
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051925\
Data File : VY022314.D
Acq On : 19 May 2025 13:25
Operator : SY/MD
Sample : Q2003-02RE
Misc : 5.78g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

Quant Time: May 20 01:13:17 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

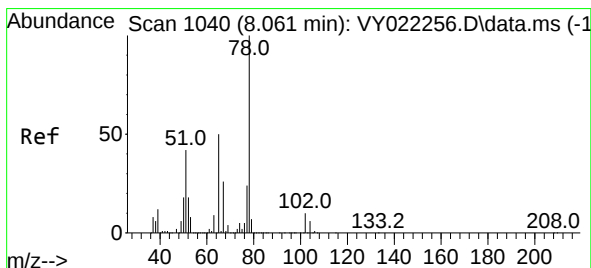
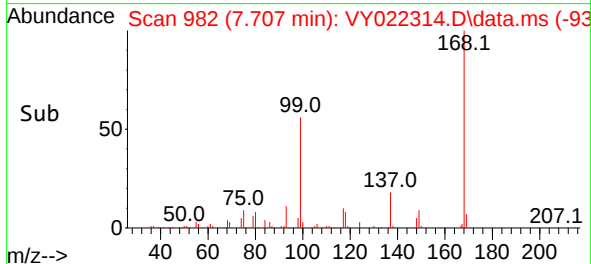
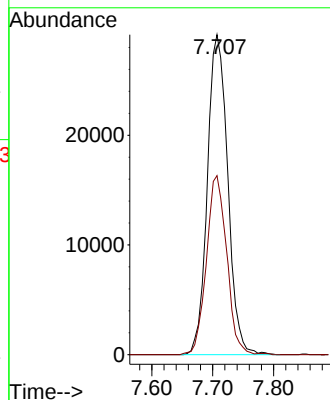
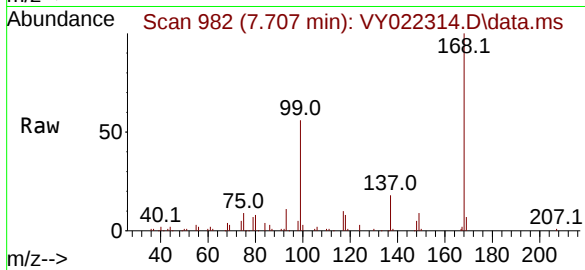




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

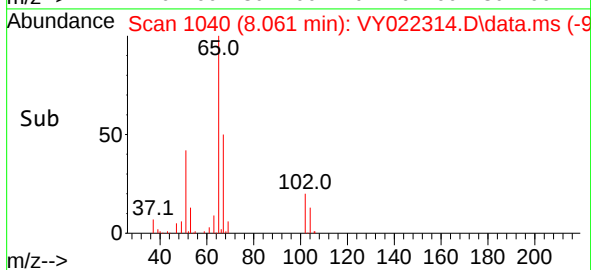
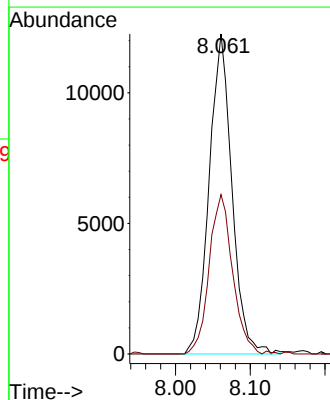
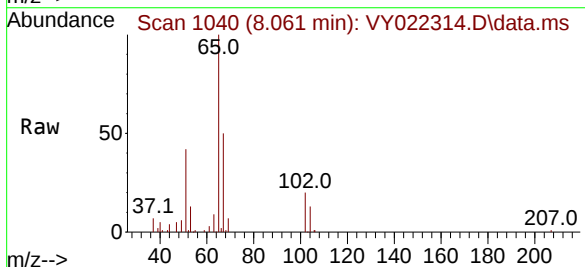
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

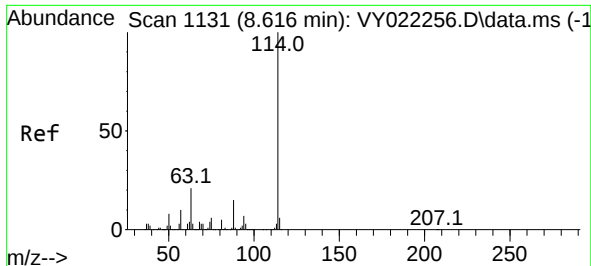
Tgt Ion:168 Resp: 67832
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 34.911 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

Tgt Ion: 65 Resp: 25881
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY022314.D

Acq: 19 May 2025 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VOCRE

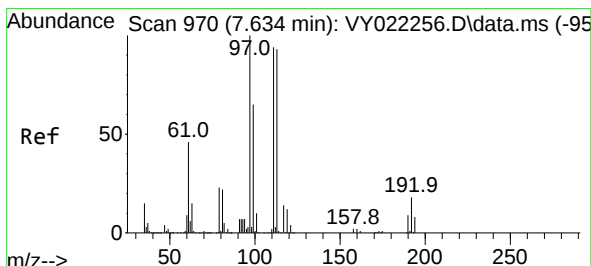
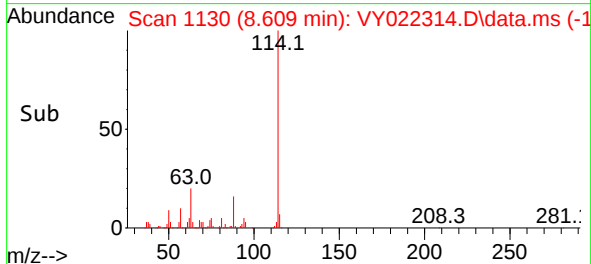
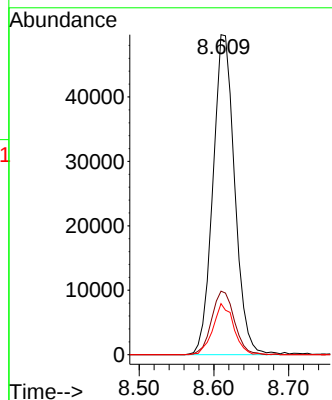
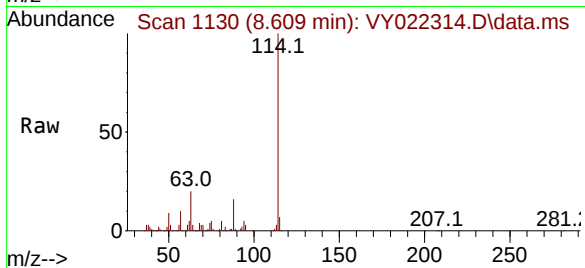
Tgt Ion:114 Resp: 100499

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.0

88 15.9 0.0 29.4



#35

Dibromofluoromethane

Concen: 45.946 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY022314.D

Acq: 19 May 2025 13:25

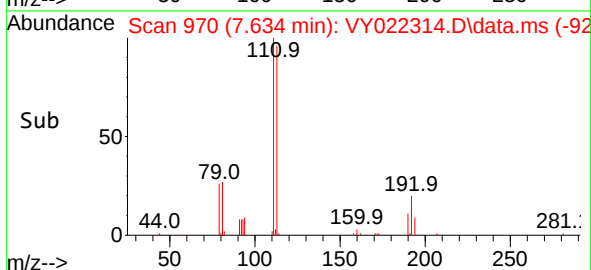
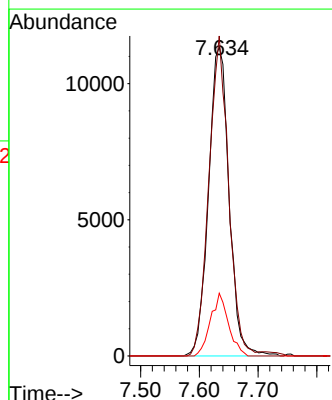
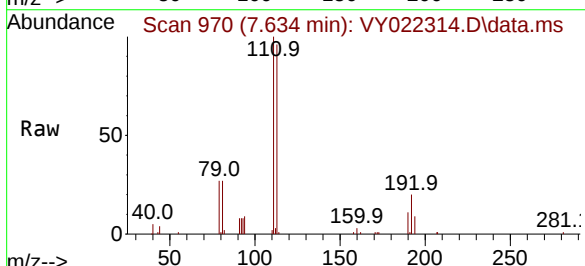
Tgt Ion:113 Resp: 27560

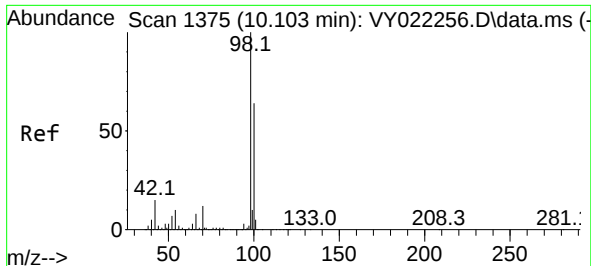
Ion Ratio Lower Upper

113 100

111 98.9 82.6 123.8

192 17.7 15.2 22.8

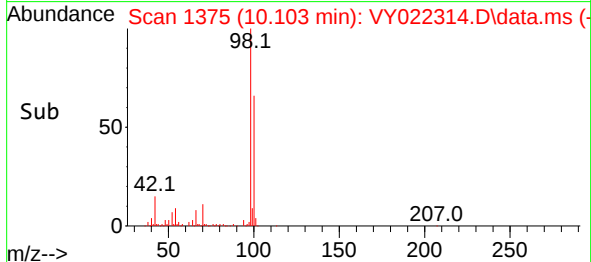
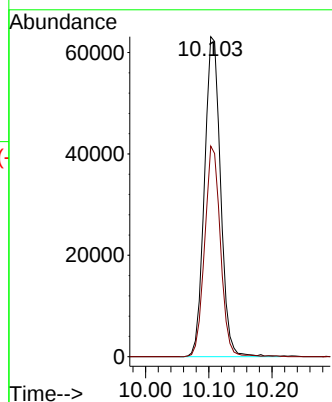
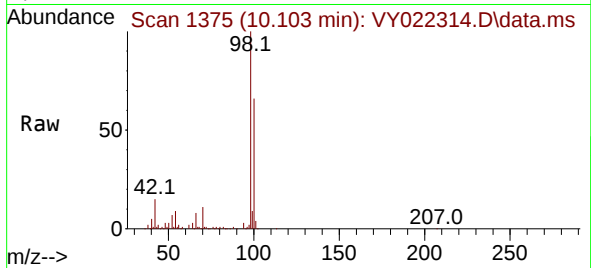




#50
Toluene-d8
Concen: 45.604 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

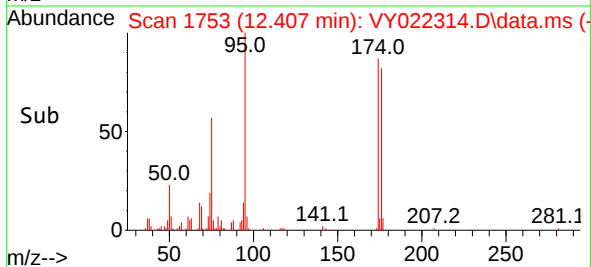
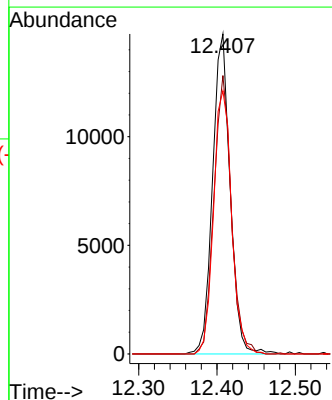
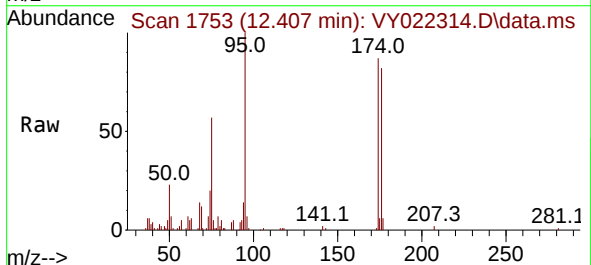
Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

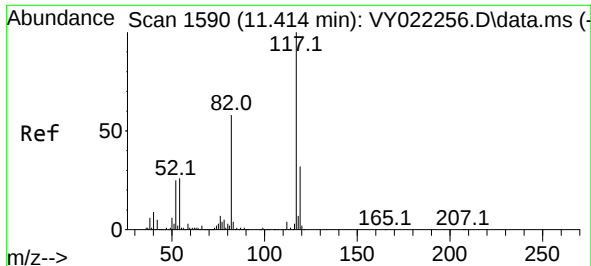
Tgt Ion: 98 Resp: 112033
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 29.433 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

Tgt Ion: 95 Resp: 22919
Ion Ratio Lower Upper
95 100
174 86.8 0.0 166.8
176 84.7 0.0 160.8

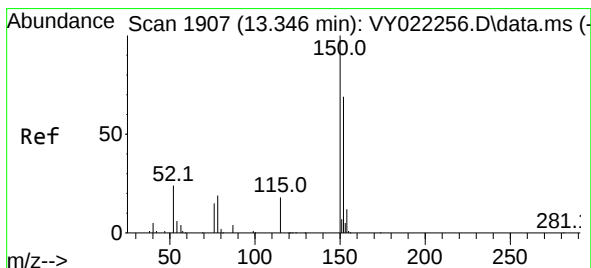
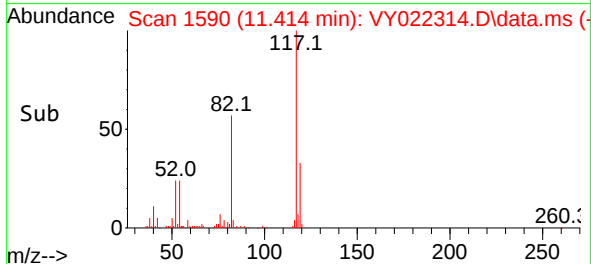
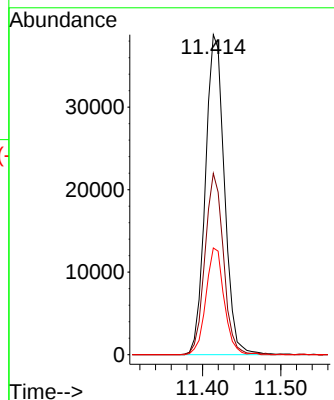
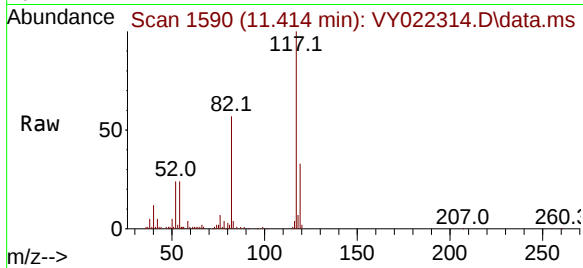




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022314.D
Acq: 19 May 2025 13:25

Instrument :
MSVOA_Y
ClientSampleId :
VOCRE

Tgt Ion:117 Resp: 65229
Ion Ratio Lower Upper
117 100
82 56.7 46.6 70.0
119 33.4 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: VY022314.D
Acq: 19 May 2025 13:25

Tgt Ion:152 Resp: 20342
Ion Ratio Lower Upper
152 100
115 59.2 29.4 88.2
150 151.8 0.0 353.8

