

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
 Data File : VY022477.D
 Acq On : 30 May 2025 14:41
 Operator : SY/MD
 Sample : Q2152-01
 Misc : 5.88g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-05292025

Quant Time: May 31 02:27:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	23109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	31926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	14505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	2271	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	6179	25.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	50.780%
35) Dibromofluoromethane	7.640	113	5582	29.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	59.720%
50) Toluene-d8	10.103	98	31609	41.471	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.940%
62) 4-Bromofluorobenzene	12.408	95	3671	15.923	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	31.840%

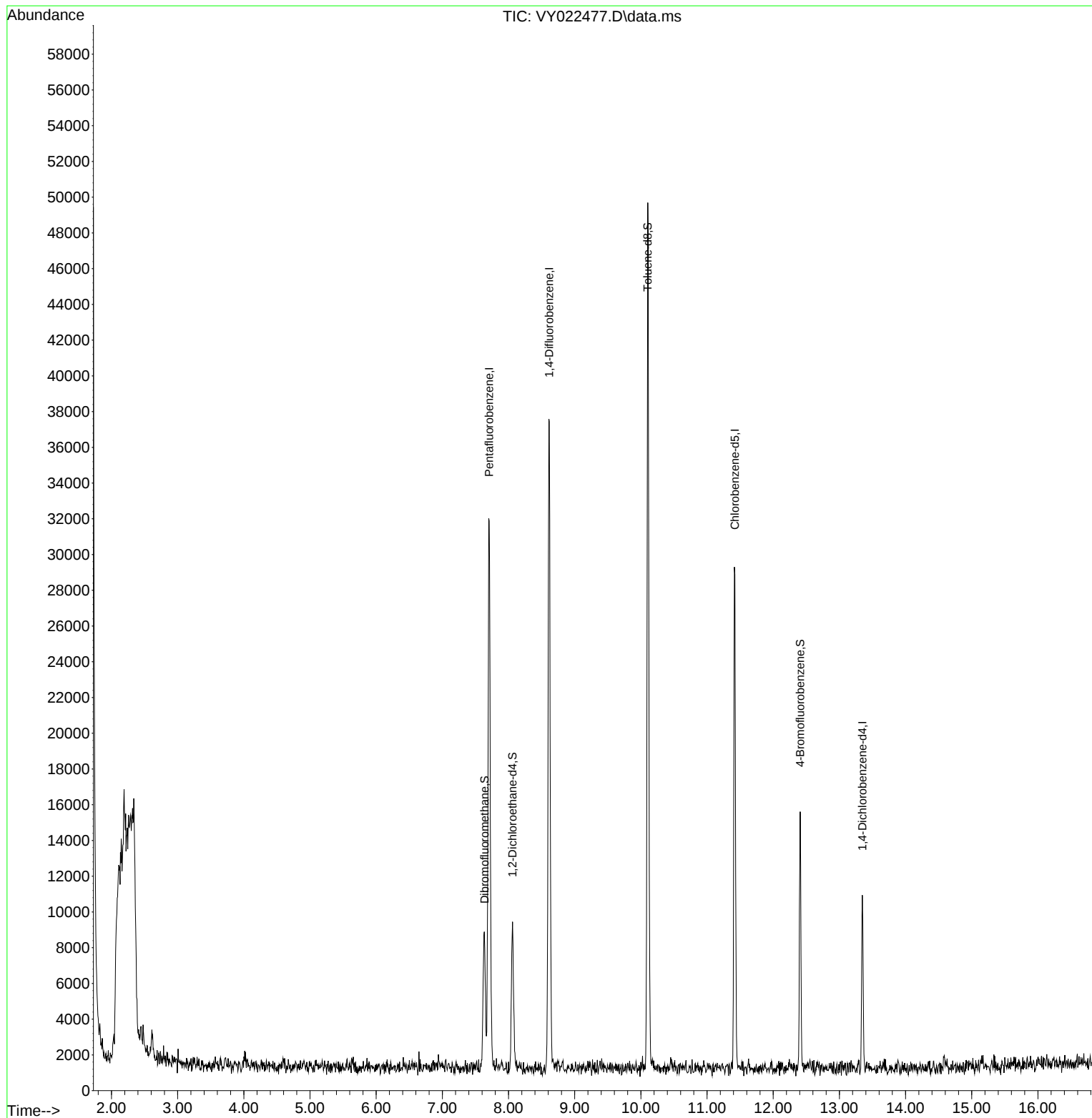
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053025\
Data File : VY022477.D
Acq On : 30 May 2025 14:41
Operator : SY/MD
Sample : Q2152-01
Misc : 5.88g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-05292025

Quant Time: May 31 02:27:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
Quant Title : SW846 8260
QLast Update : Wed May 28 10:34:06 2025
Response via : Initial Calibration

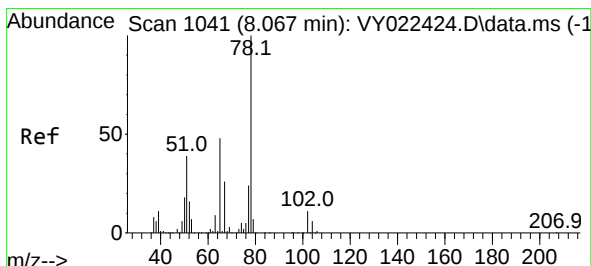
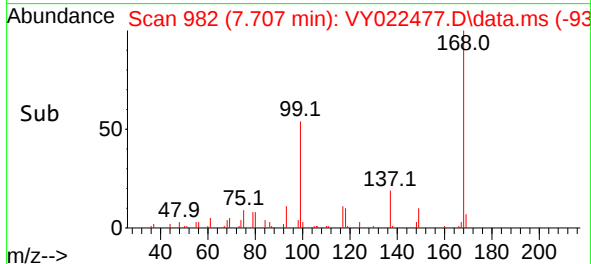
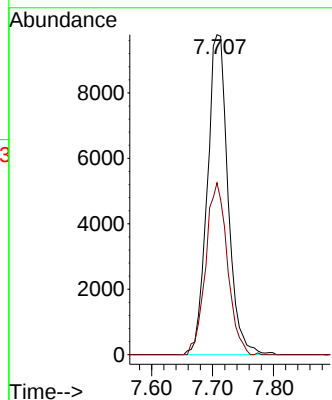
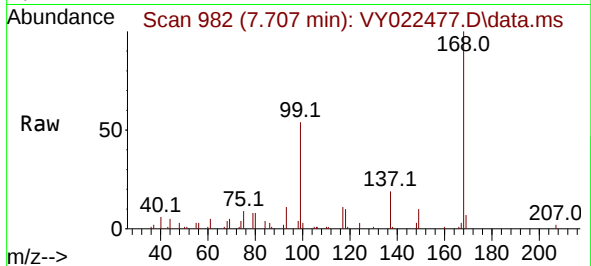




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022477.D
Acq: 30 May 2025 14:41

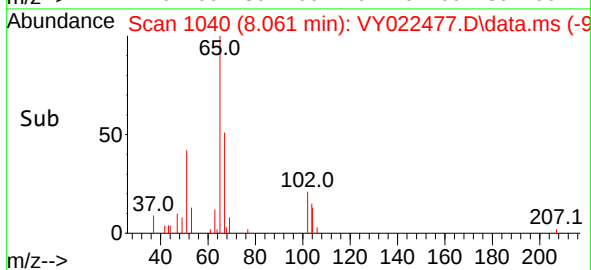
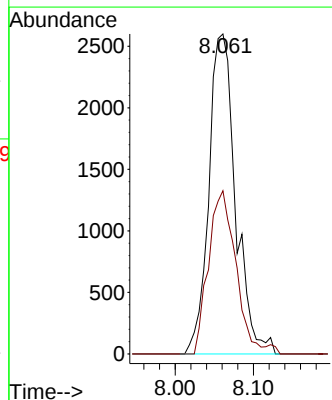
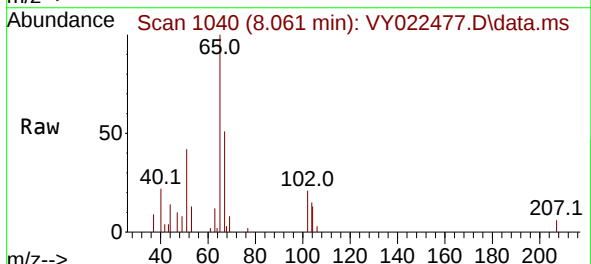
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-05292025

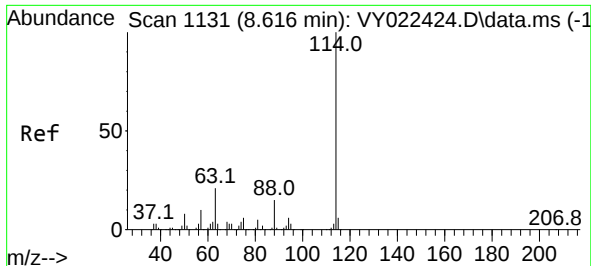
Tgt Ion:168 Resp: 23109
Ion Ratio Lower Upper
168 100
99 53.7 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 25.385 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022477.D
Acq: 30 May 2025 14:41

Tgt Ion: 65 Resp: 6179
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.4

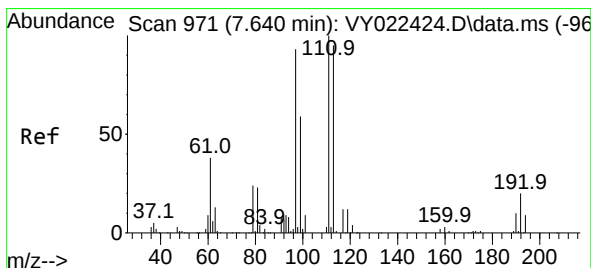
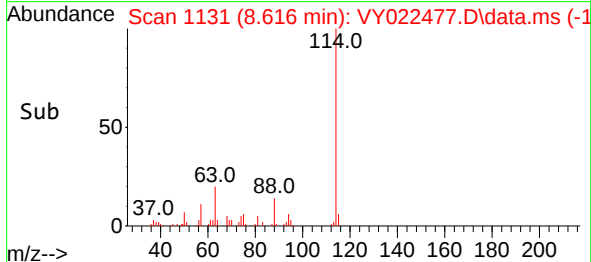
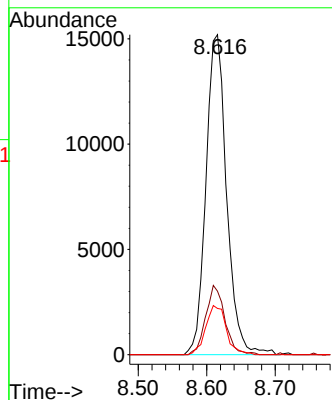
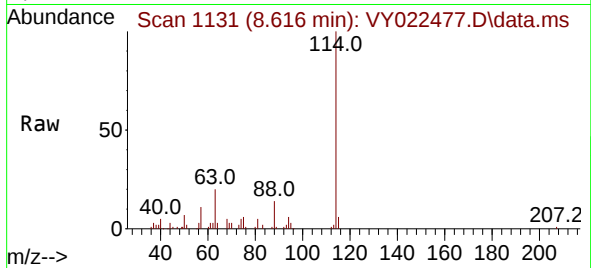




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY022477.D
Acq: 30 May 2025 14:41

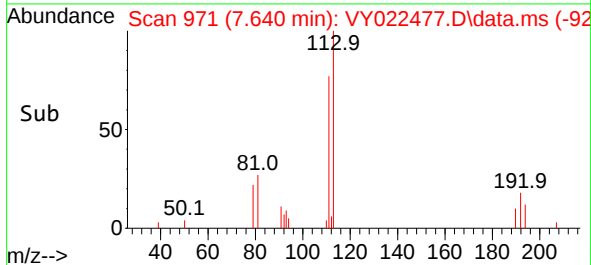
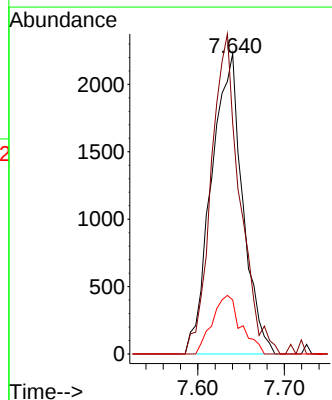
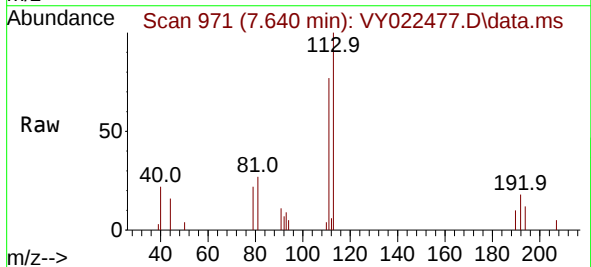
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-05292025

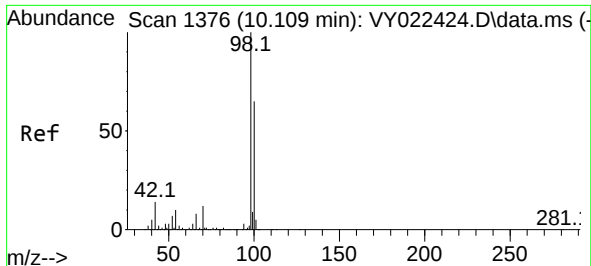
Tgt Ion:	114	Resp:	31926
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.6
88	14.4	0.0	29.4



#35
Dibromofluoromethane
Concen: 29.855 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY022477.D
Acq: 30 May 2025 14:41

Tgt Ion:	113	Resp:	5582
Ion	Ratio	Lower	Upper
113	100		
111	97.6	82.4	123.6
192	17.9	15.2	22.8

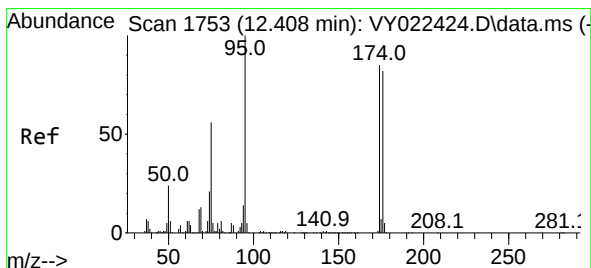
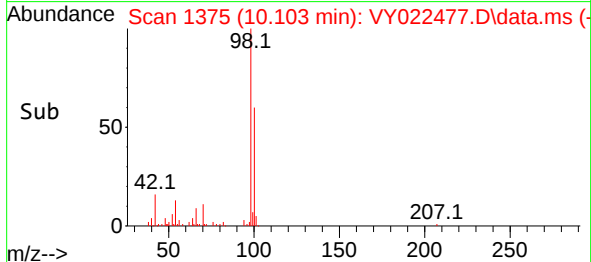
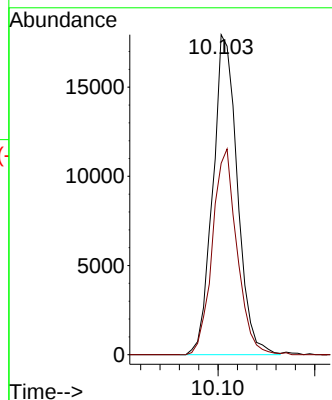
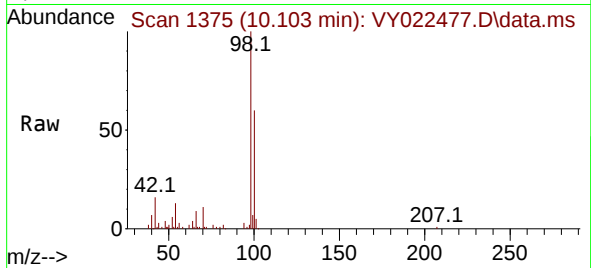




#50
Toluene-d8
Concen: 41.471 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022477.D
Acq: 30 May 2025 14:41

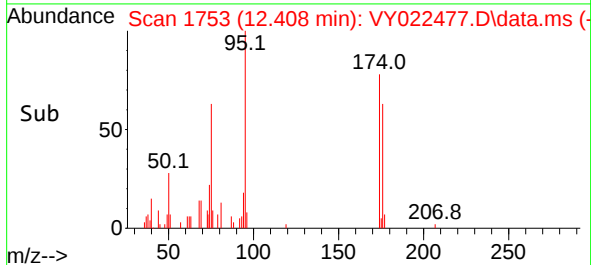
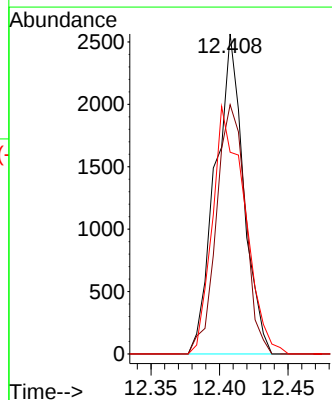
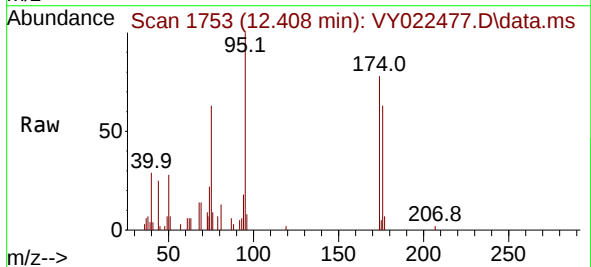
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-05292025

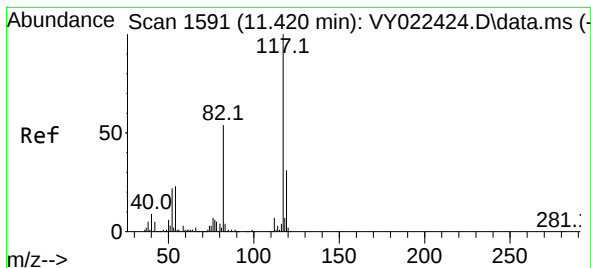
Tgt Ion: 98 Resp: 31609
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 15.923 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022477.D
Acq: 30 May 2025 14:41

Tgt Ion: 95 Resp: 3671
Ion Ratio Lower Upper
95 100
174 79.7 0.0 171.6
176 88.3 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022477.D

Acq: 30 May 2025 14:41

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-05292025

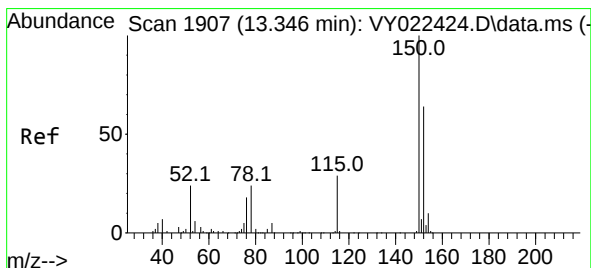
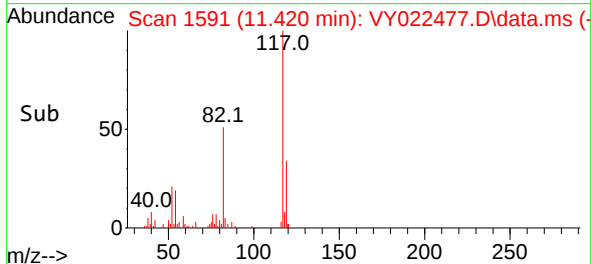
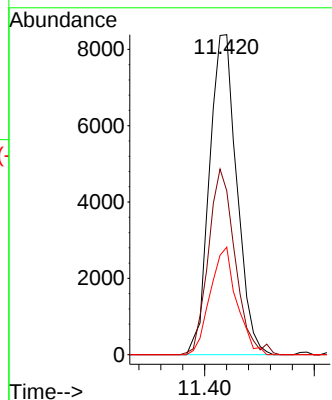
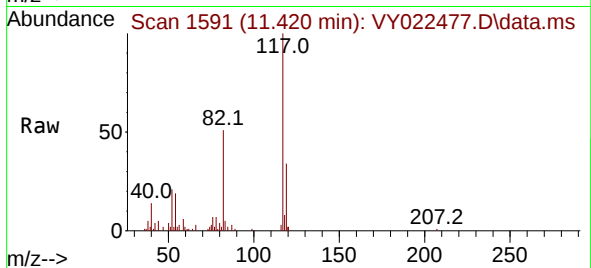
Tgt Ion:117 Resp: 14505

Ion Ratio Lower Upper

117 100

82 51.2 43.3 64.9

119 33.6 24.5 36.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022477.D

Acq: 30 May 2025 14:41

Tgt Ion:152 Resp: 2271

Ion Ratio Lower Upper

152 100

115 61.2 28.4 85.3

150 156.5 0.0 345.8

