

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082225\
 Data File : VY023193.D
 Acq On : 22 Aug 2025 15:25
 Operator : SY/MD
 Sample : Q2915-03
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BRIDGE-EAST

Quant Time: Aug 25 05:18:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	1464	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	2043	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.420	117	1162	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.347	152	487	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	998	71.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.060%
35) Dibromofluoromethane	7.628	113	1140	93.254	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	186.500%#
50) Toluene-d8	10.109	98	1646	34.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.940%
62) 4-Bromofluorobenzene	12.402	95	398	25.914	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.820%

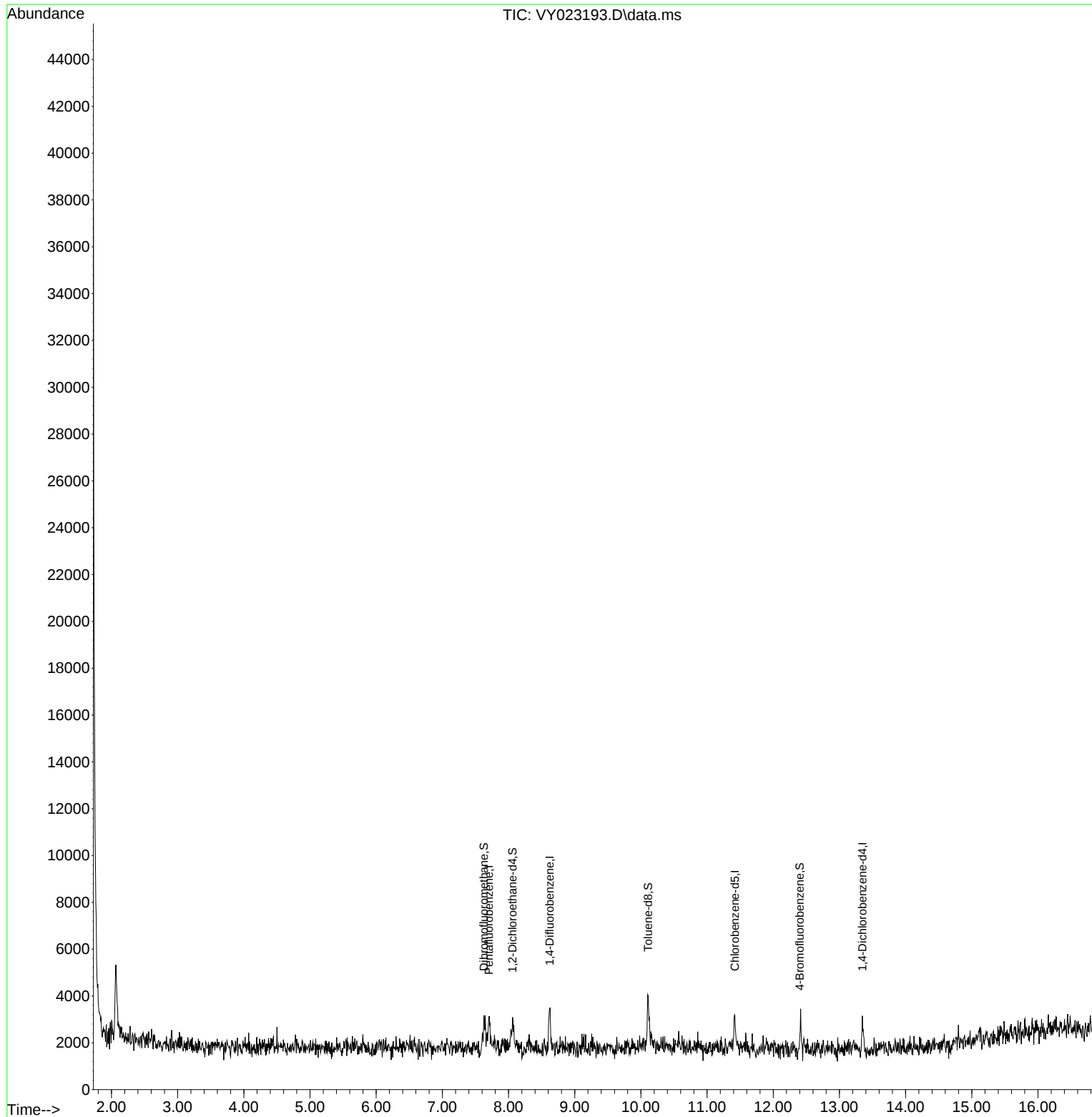
Target Compounds	Qvalue

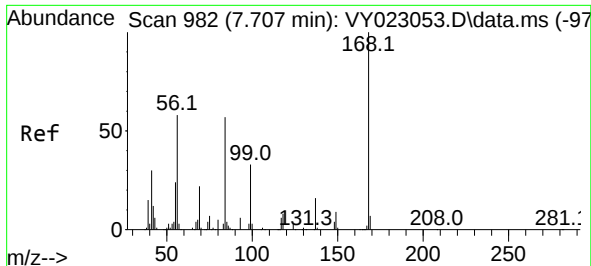
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082225\
Data File : VY023193.D
Acq On : 22 Aug 2025 15:25
Operator : SY/MD
Sample : Q2915-03
Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-EAST

Quant Time: Aug 25 05:18:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

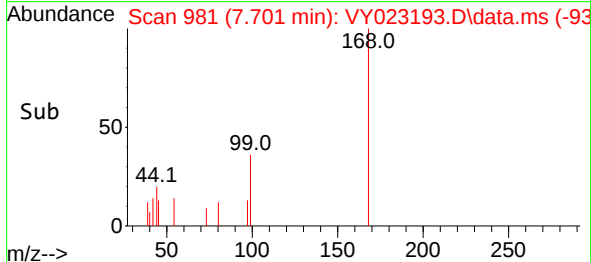
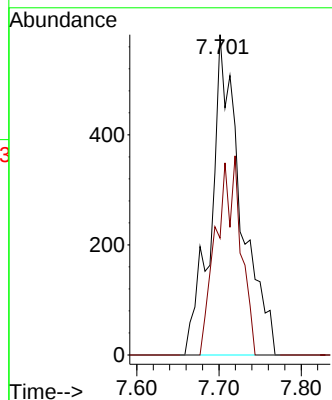
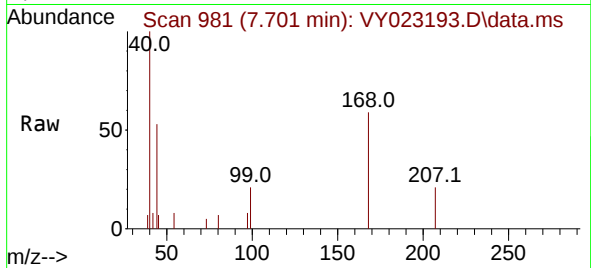




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY023193.D
Acq: 22 Aug 2025 15:25

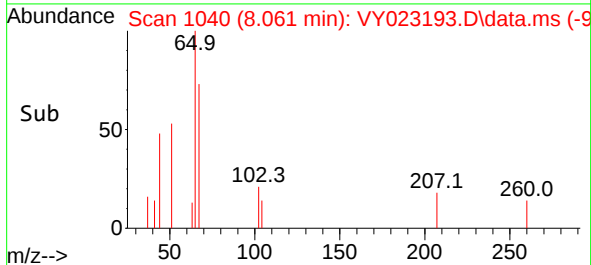
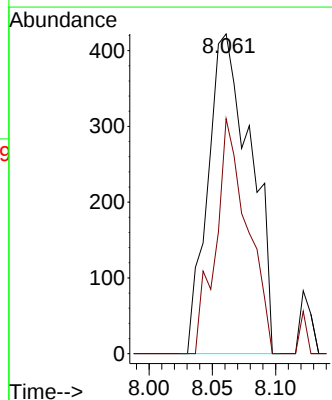
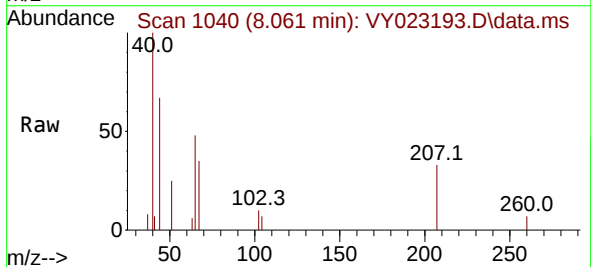
Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-EAST

Tgt Ion:168 Resp: 1464
Ion Ratio Lower Upper
168 100
99 36.4 42.8 64.2#



#33
1,2-Dichloroethane-d4
Concen: 71.526 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023193.D
Acq: 22 Aug 2025 15:25

Tgt Ion: 65 Resp: 998
Ion Ratio Lower Upper
65 100
67 54.3 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.012 min

Lab File: VY023193.D

Acq: 22 Aug 2025 15:25

Instrument :

MSVOA_Y

ClientSampleId :

BRIDGE-EAST

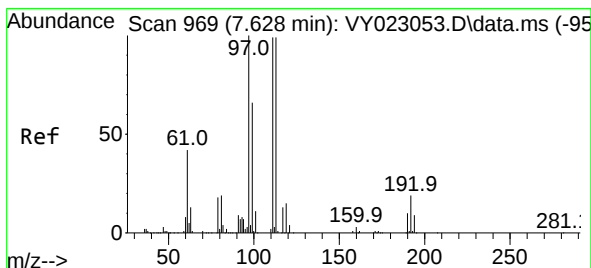
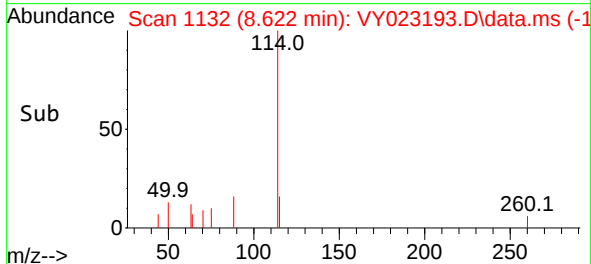
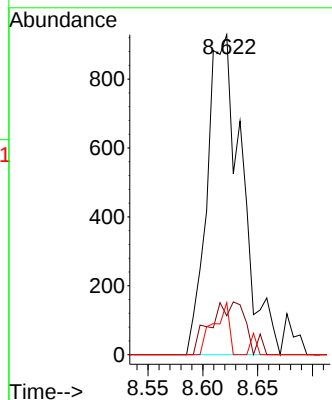
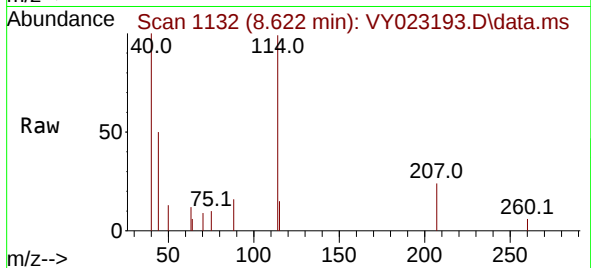
Tgt Ion:114 Resp: 2043

Ion Ratio Lower Upper

114 100

63 12.2 0.0 38.4

88 16.3 0.0 30.0



#35

Dibromofluoromethane

Concen: 93.254 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY023193.D

Acq: 22 Aug 2025 15:25

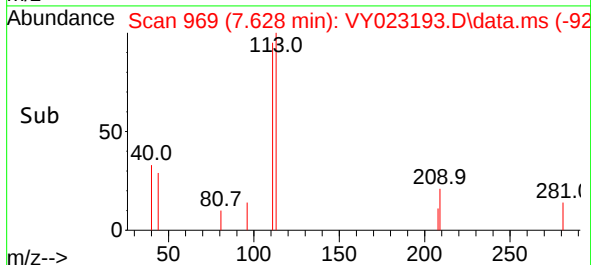
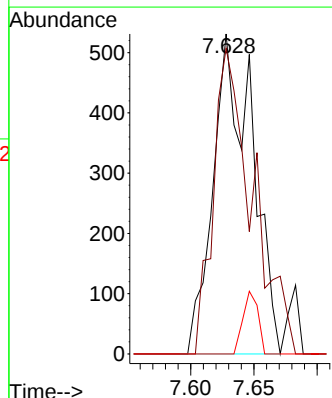
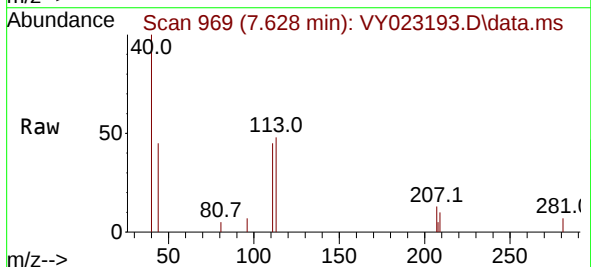
Tgt Ion:113 Resp: 1140

Ion Ratio Lower Upper

113 100

111 95.7 81.1 121.7

192 7.5 16.2 24.4#

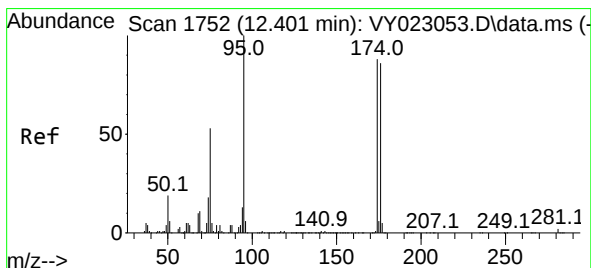
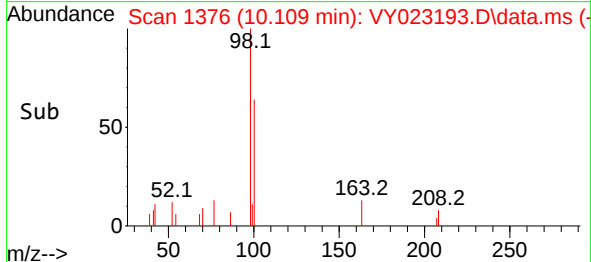
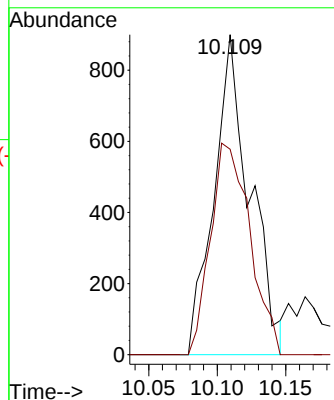
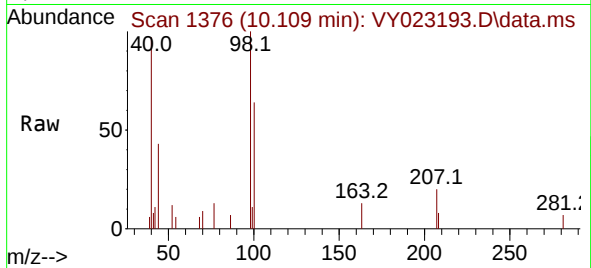




#50
Toluene-d8
Concen: 34.466 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY023193.D
Acq: 22 Aug 2025 15:25

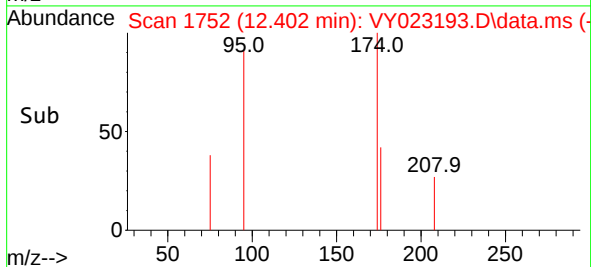
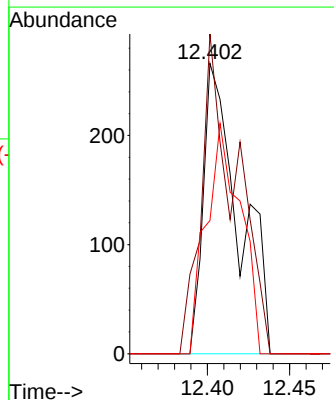
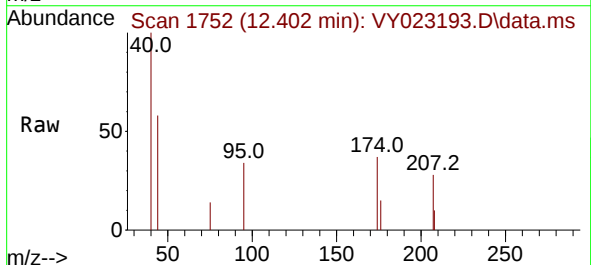
Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-EAST

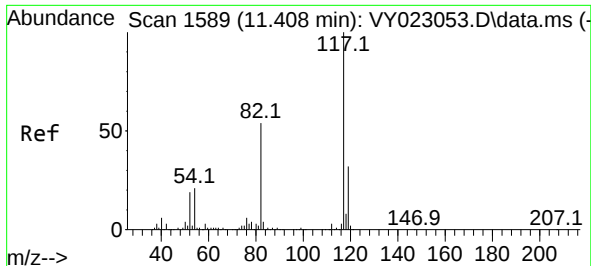
Tgt Ion: 98 Resp: 1646
Ion Ratio Lower Upper
98 100
100 72.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 25.914 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023193.D
Acq: 22 Aug 2025 15:25

Tgt Ion: 95 Resp: 398
Ion Ratio Lower Upper
95 100
174 107.5 0.0 171.6
176 76.6 0.0 167.6

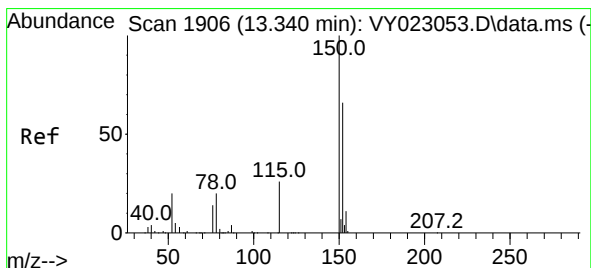
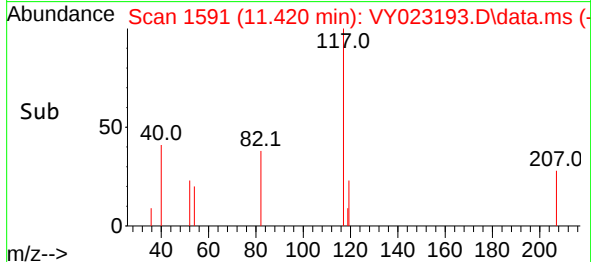
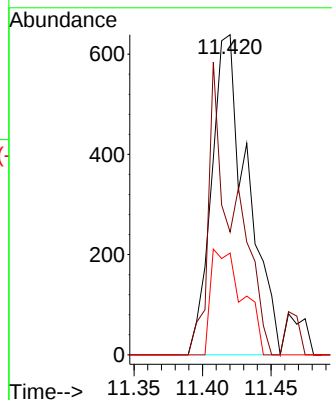
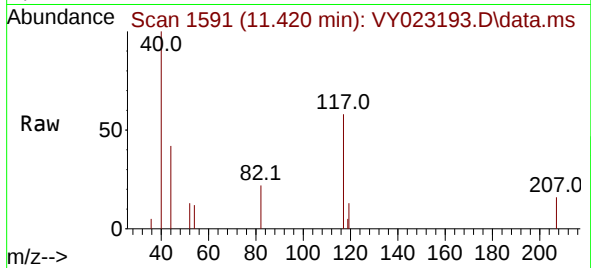




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY023193.D
Acq: 22 Aug 2025 15:25

Instrument :
MSVOA_Y
ClientSampleId :
BRIDGE-EAST

Tgt Ion:117 Resp: 1162
Ion Ratio Lower Upper
117 100
82 38.3 43.4 65.0#
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023193.D
Acq: 22 Aug 2025 15:25

Tgt Ion:152 Resp: 487
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.6
150 136.8 0.0 348.0

