

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
 Data File : VY020881.D
 Acq On : 20 Jan 2025 15:25
 Operator : SY/MD
 Sample : Q1123-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-1172025

Quant Time: Jan 21 00:42:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

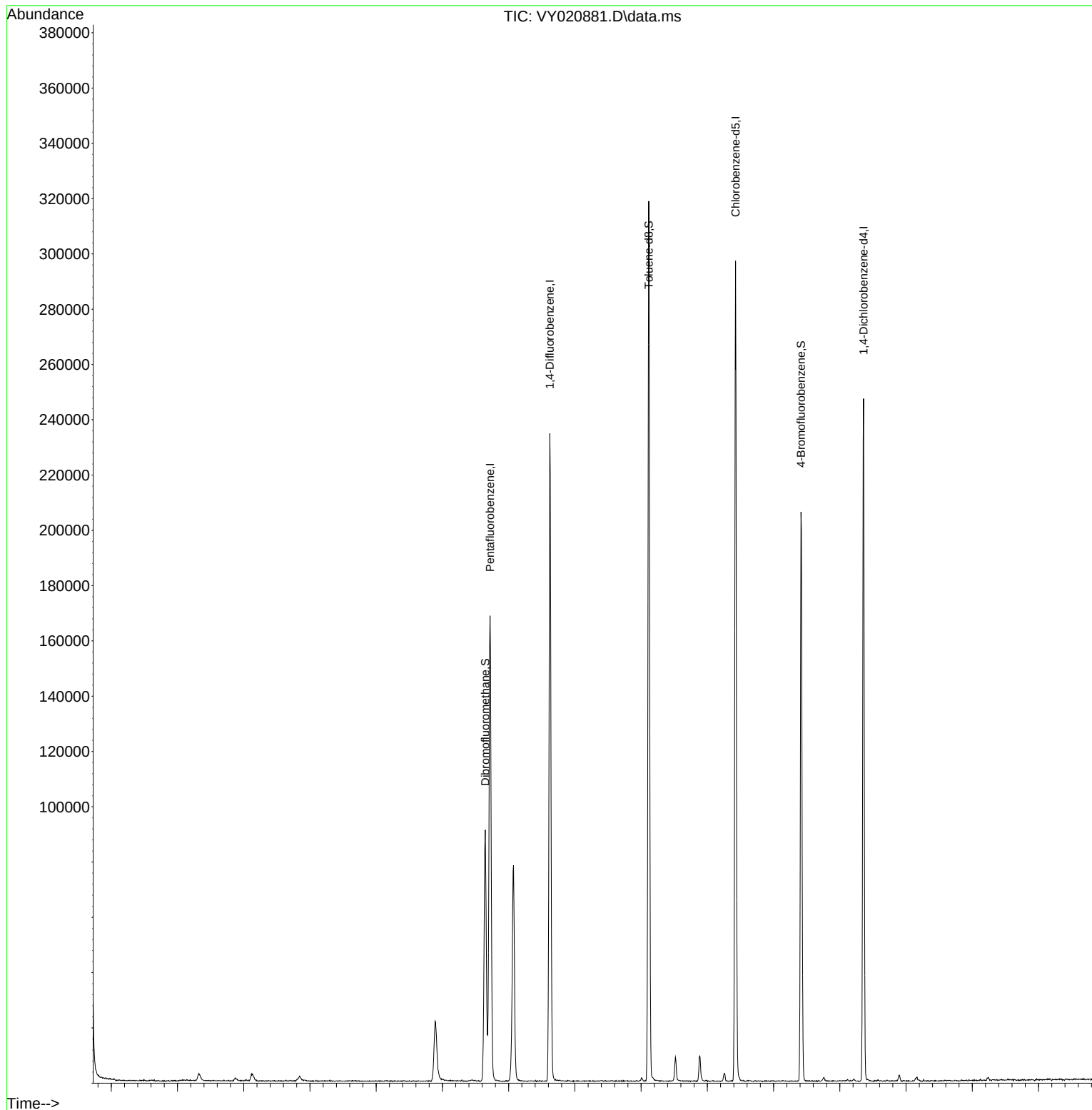
Internal Standards						
1) Pentafluorobenzene	7.719	168	136069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	206188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	165789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	67779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	61335	53.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.060%
35) Dibromofluoromethane	7.646	113	65470	50.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.360%
50) Toluene-d8	10.115	98	214326	47.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.200%
62) 4-Bromofluorobenzene	12.414	95	63158	37.981	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	75.960%
Target Compounds						
16) Acetone	3.872	43	1907	11.595	ug/l	93
51) 4-Methyl-2-Pentanone	10.005	43	889	1.334	ug/l #	84

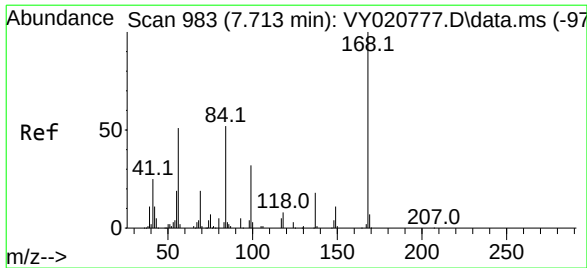
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012025\
Data File : VY020881.D
Acq On : 20 Jan 2025 15:25
Operator : SY/MD
Sample : Q1123-02
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BU-03-1172025

Quant Time: Jan 21 00:42:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

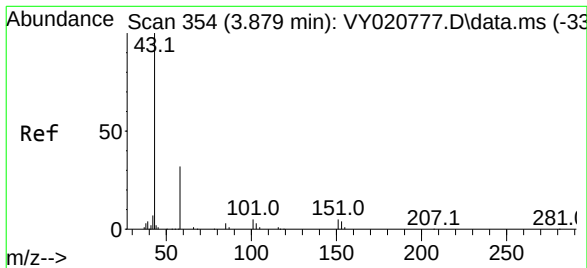
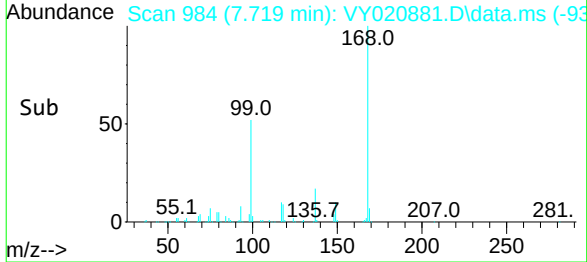
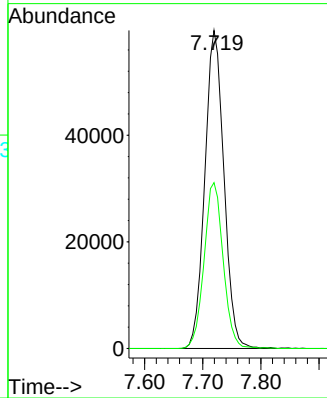
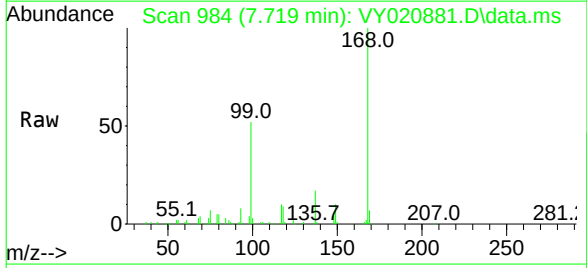




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

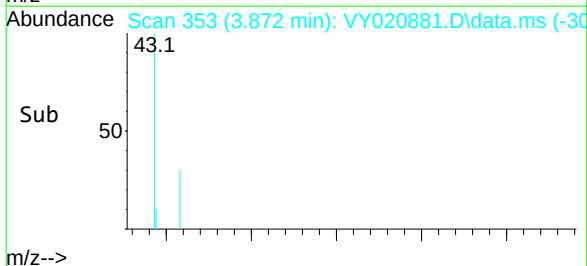
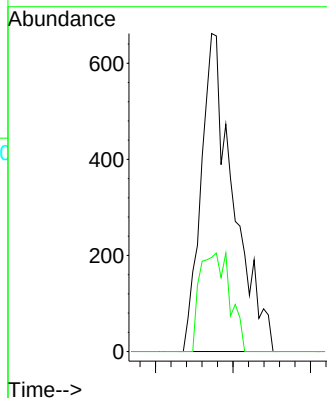
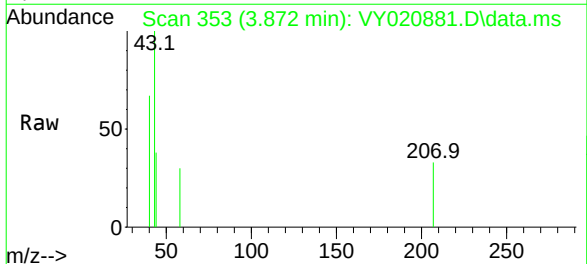
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-1172025

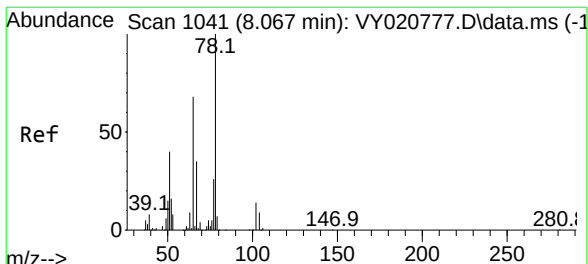
Tgt Ion:168 Resp: 136069
Ion Ratio Lower Upper
168 100
99 52.1 44.3 66.5



#16
Acetone
Concen: 11.595 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Tgt Ion: 43 Resp: 1907
Ion Ratio Lower Upper
43 100
58 29.6 26.7 40.1

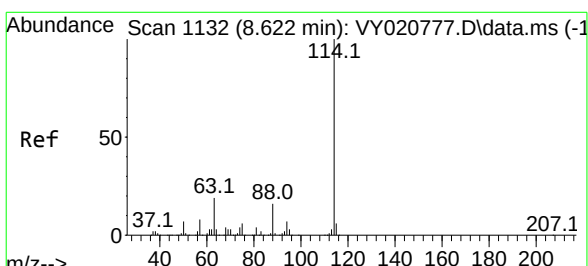
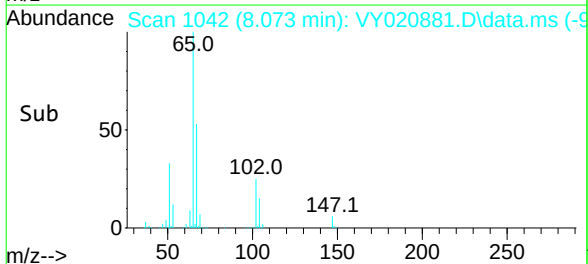
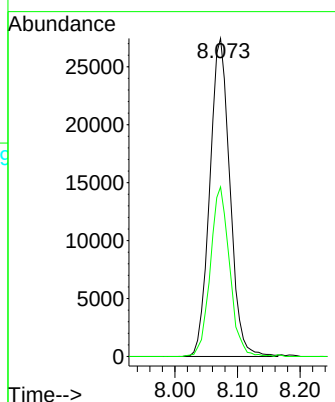
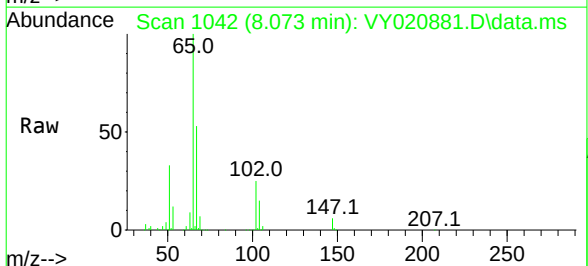




#33
 1,2-Dichloroethane-d4
 Concen: 53.033 ug/l
 RT: 8.073 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY020881.D
 Acq: 20 Jan 2025 15:25

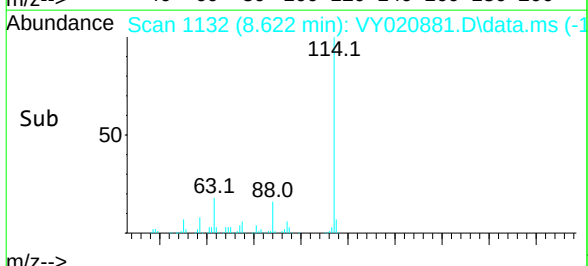
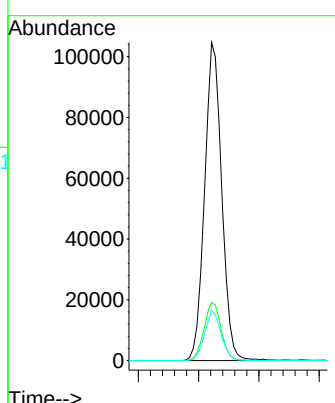
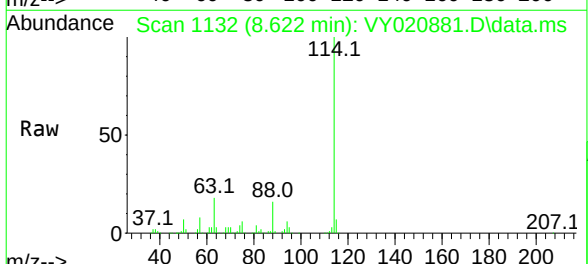
Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-1172025

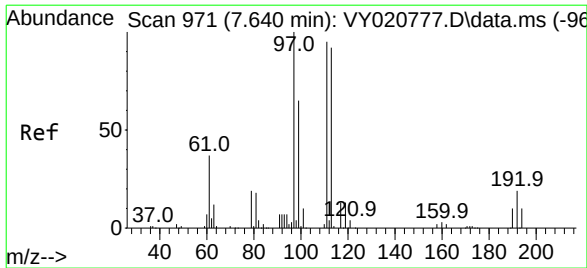
Tgt Ion:	65	Resp:	61335
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VY020881.D
 Acq: 20 Jan 2025 15:25

Tgt Ion:	114	Resp:	206188
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	38.4
88	15.9	0.0	31.2

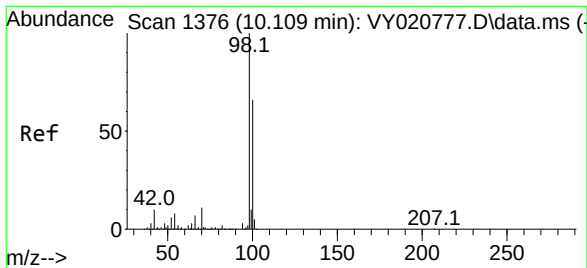
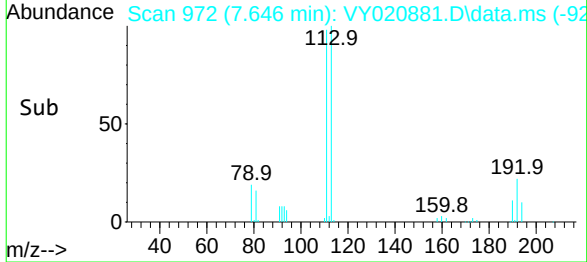
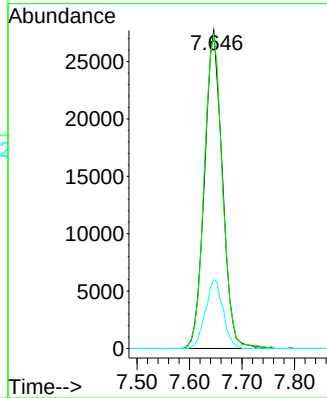
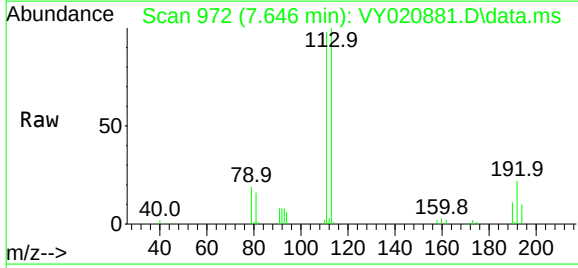




#35
Dibromofluoromethane
Concen: 50.683 ug/l
RT: 7.646 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

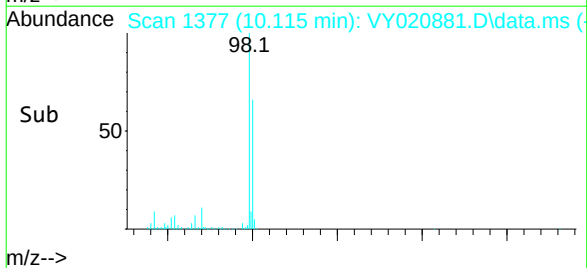
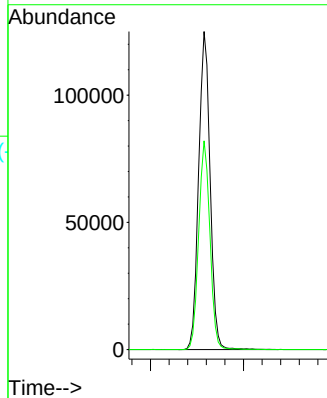
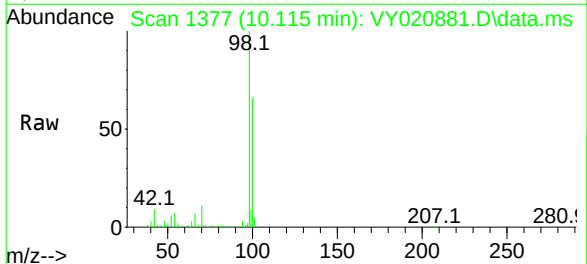
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-1172025

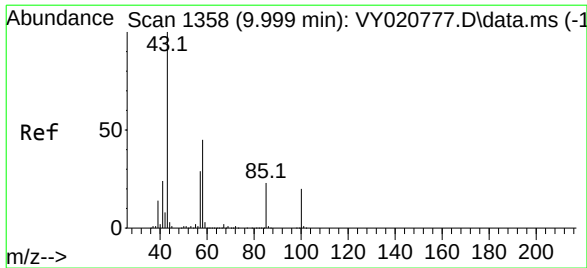
Tgt Ion:113 Resp: 65470
Ion Ratio Lower Upper
113 100
111 100.9 81.7 122.5
192 21.4 16.7 25.1



#50
Toluene-d8
Concen: 47.596 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Tgt Ion: 98 Resp: 214326
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7

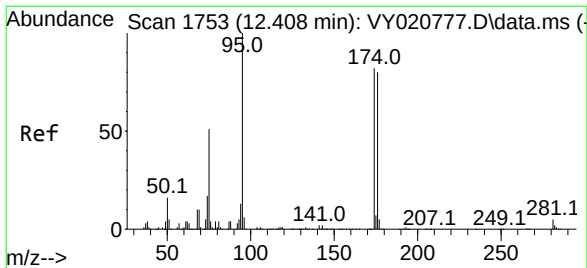
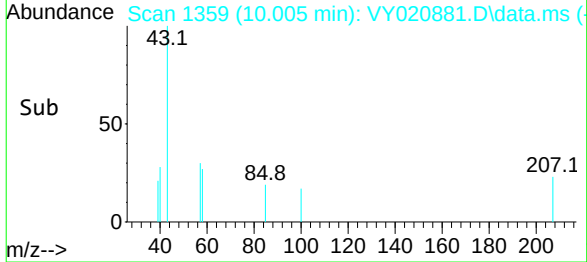
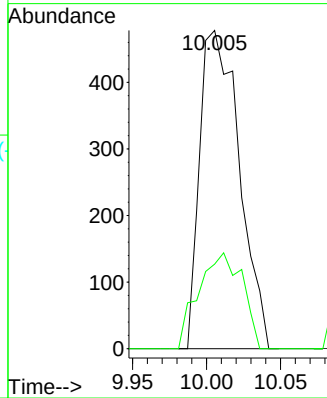
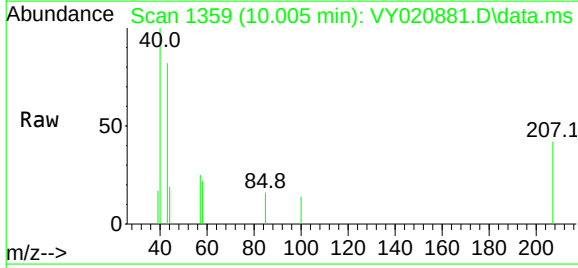




#51
4-Methyl-2-Pentanone
Concen: 1.334 ug/l
RT: 10.005 min Scan# 1358
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

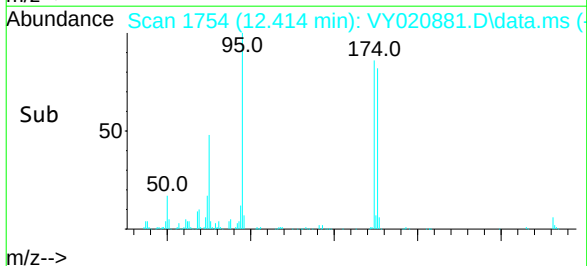
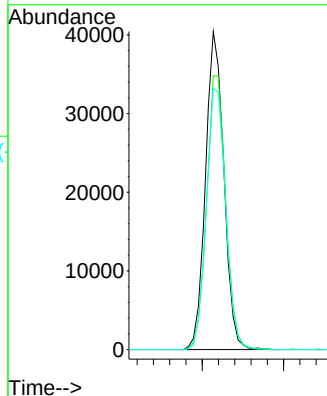
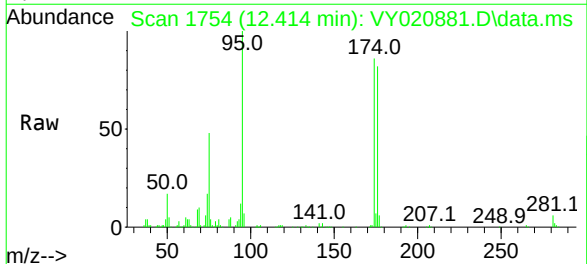
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-1172025

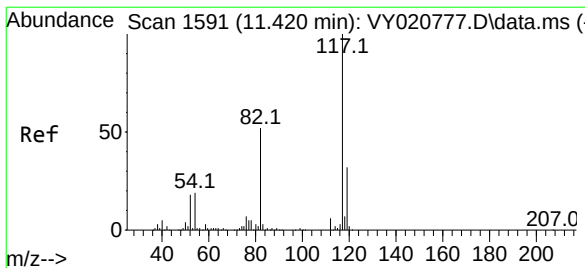
Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
58 33.4 34.8 52.2#



#62
4-Bromofluorobenzene
Concen: 37.981 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020881.D
Acq: 20 Jan 2025 15:25

Tgt Ion: 95 Resp: 63158
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.0
176 86.8 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY020881.D

Acq: 20 Jan 2025 15:25

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-1172025

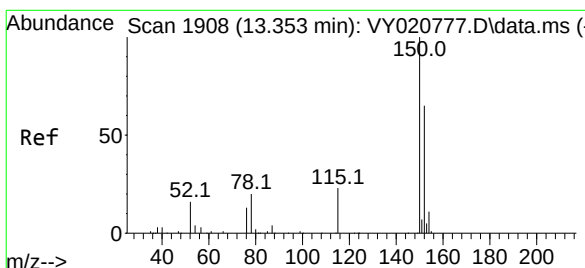
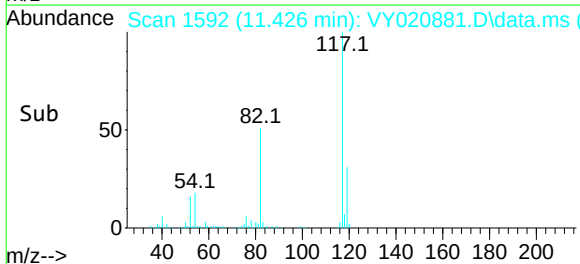
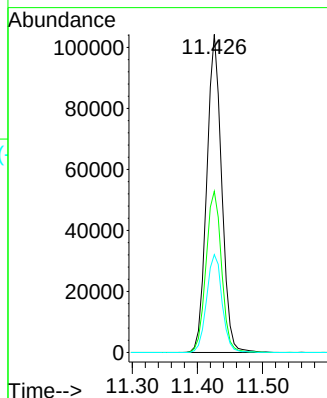
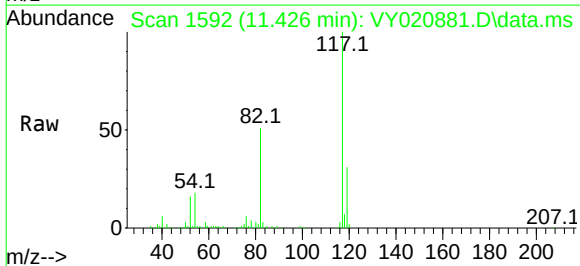
Tgt Ion:117 Resp: 165789

Ion Ratio Lower Upper

117 100

82 50.7 41.8 62.6

119 30.8 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY020881.D

Acq: 20 Jan 2025 15:25

Tgt Ion:152 Resp: 67779

Ion Ratio Lower Upper

152 100

115 56.5 29.0 87.0

150 157.2 0.0 347.4

