

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020866.D
 Acq On : 17 Jan 2025 19:27
 Operator : SY/MD
 Sample : Q1133-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-1172025-VOC

Quant Time: Jan 17 23:30:52 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)

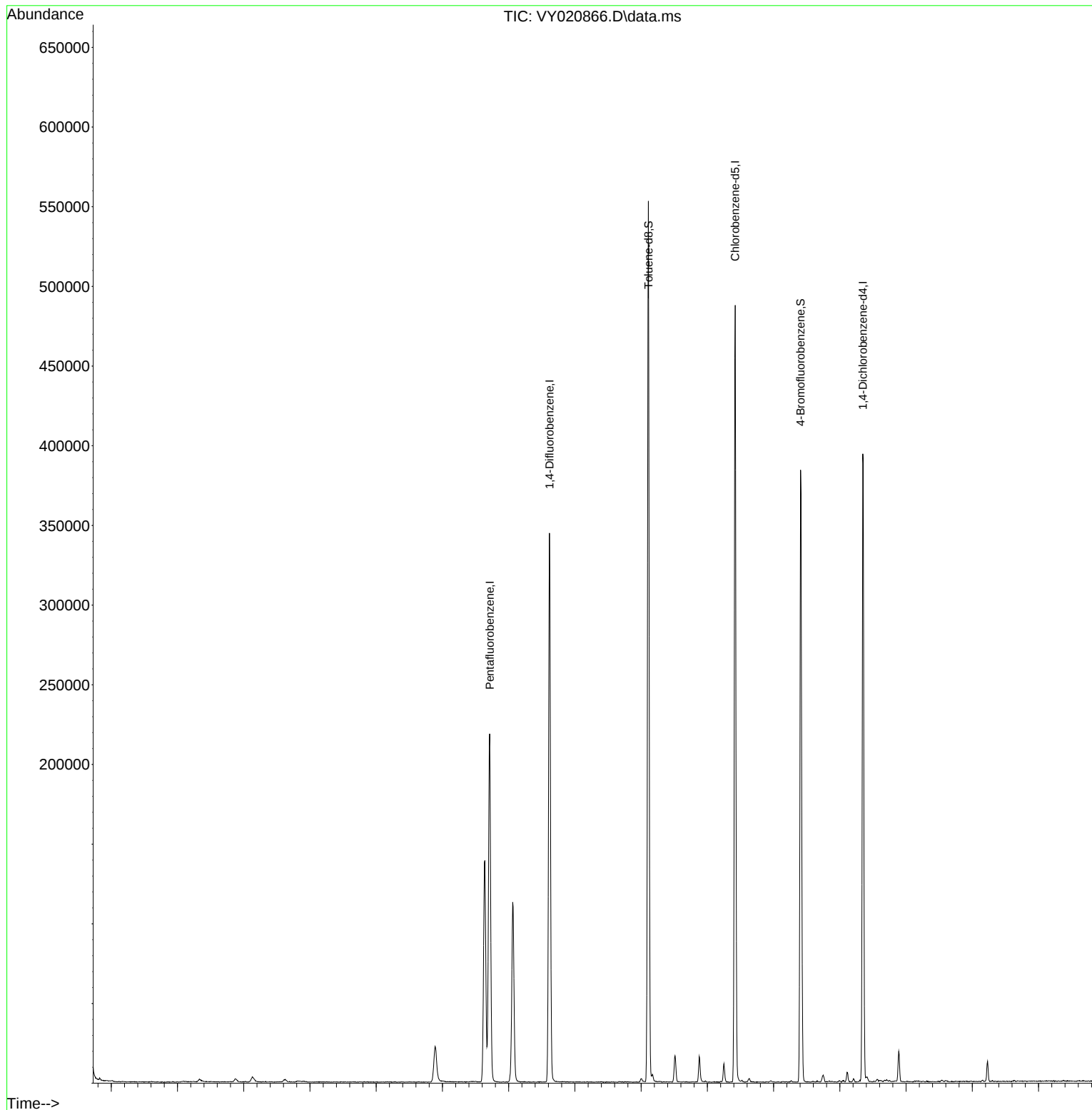
Internal Standards						
1) Pentafluorobenzene	7.713	168	178254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	307245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	272454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	107541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	90828	59.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.900%
35) Dibromofluoromethane	7.634	113	99998	51.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.900%
50) Toluene-d8	10.109	98	365568	54.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.960%
62) 4-Bromofluorobenzene	12.408	95	110147	44.451	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.900%
Target Compounds						
16) Acetone	3.873	43	3865	17.939	ug/l	95
51) 4-Methyl-2-Pentanone	10.006	43	1674	1.686	ug/l	89

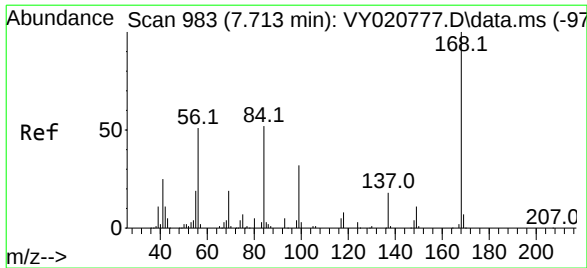
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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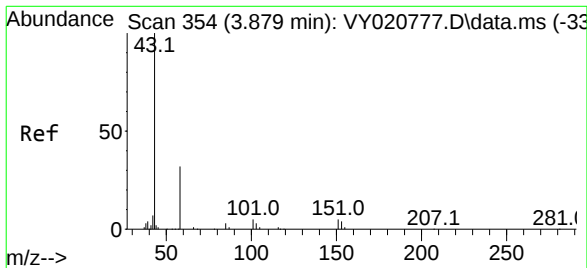
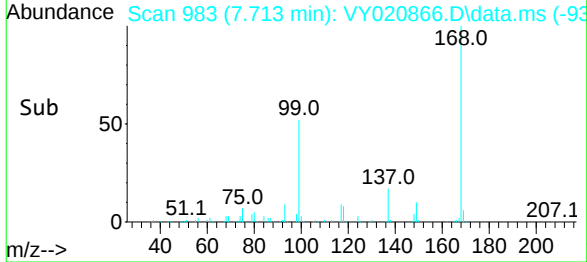
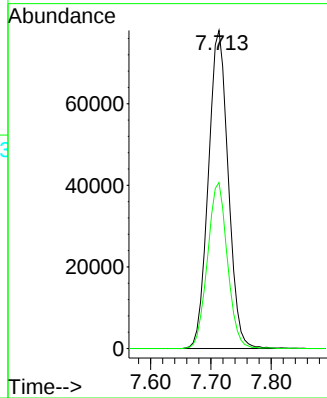
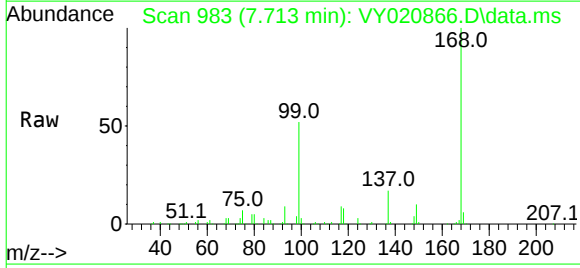




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020866.D
Acq: 17 Jan 2025 19:27

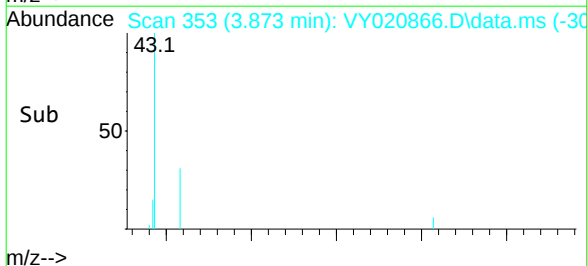
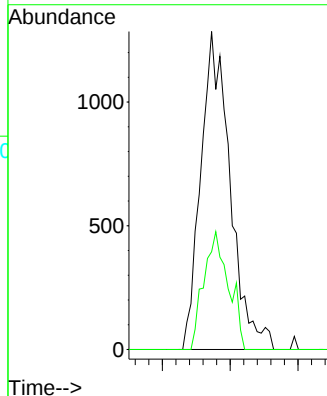
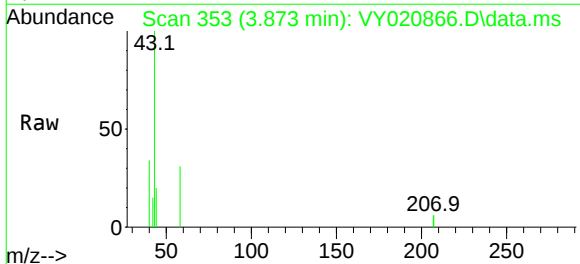
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-1172025-VOC

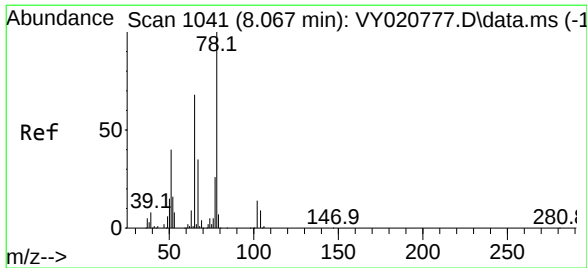
Tgt Ion:168 Resp: 178254
Ion Ratio Lower Upper
168 100
99 52.2 44.3 66.5



#16
Acetone
Concen: 17.939 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY020866.D
Acq: 17 Jan 2025 19:27

Tgt Ion: 43 Resp: 3865
Ion Ratio Lower Upper
43 100
58 30.7 26.7 40.1

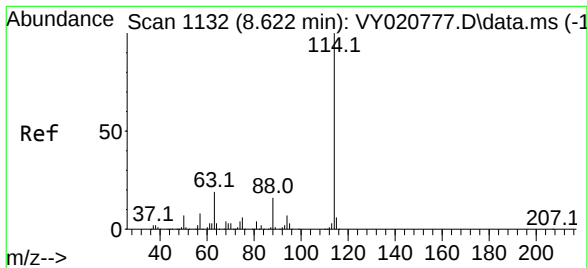
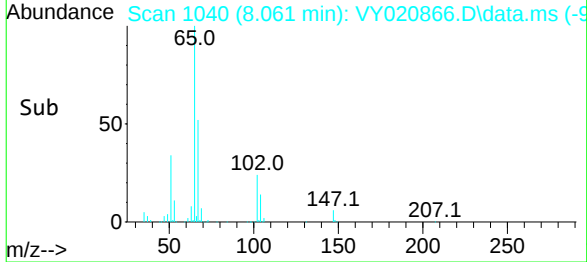
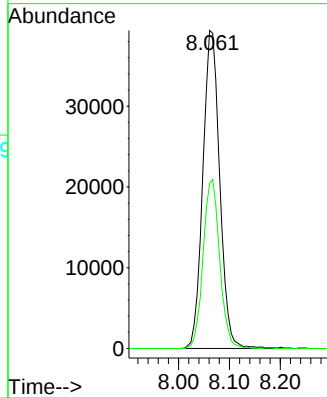
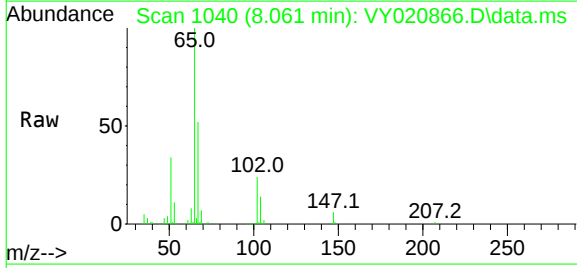




#33
1,2-Dichloroethane-d4
Concen: 59.949 ug/l
RT: 8.061 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020866.D
Acq: 17 Jan 2025 19:27

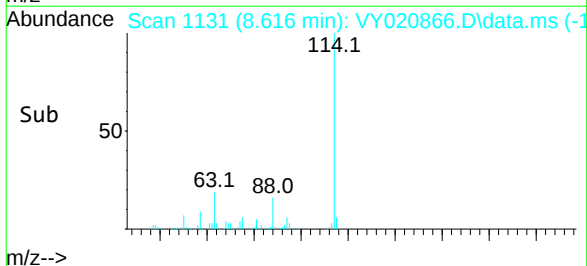
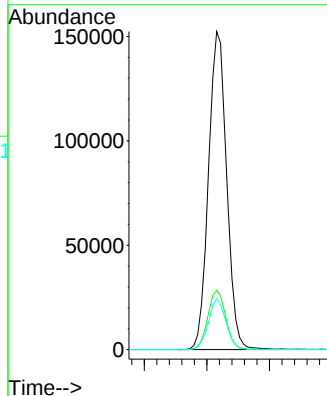
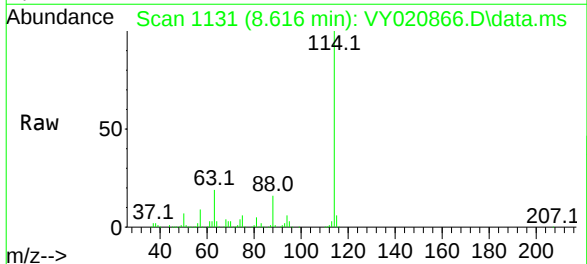
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-1172025-VOC

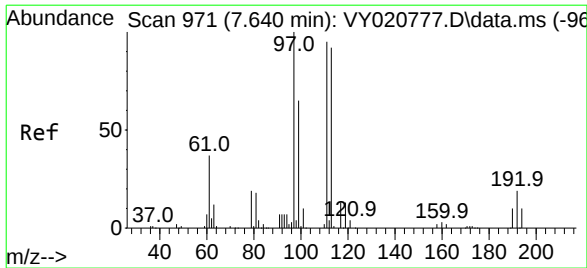
Tgt Ion: 65 Resp: 90828
Ion Ratio Lower Upper
65 100
67 52.2 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY020866.D
Acq: 17 Jan 2025 19:27

Tgt Ion: 114 Resp: 307245
Ion Ratio Lower Upper
114 100
63 18.6 0.0 38.4
88 16.0 0.0 31.2

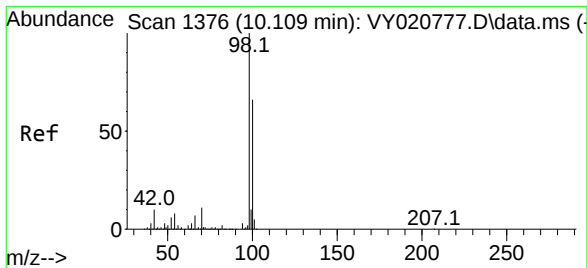
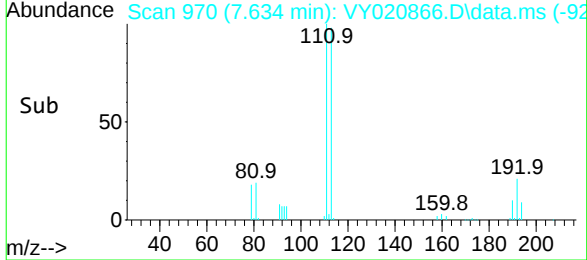
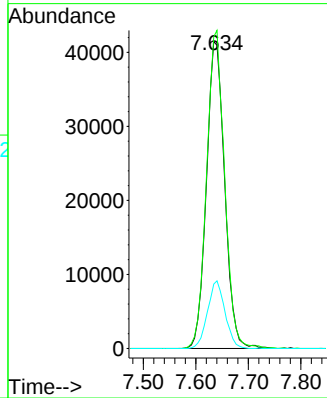
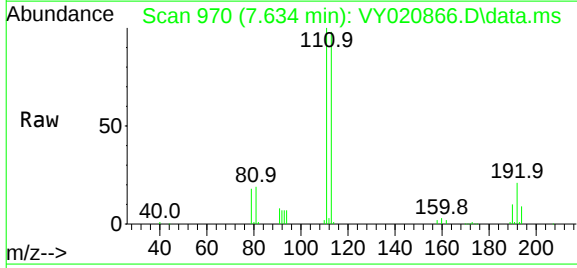




#35
Dibromofluoromethane
Concen: 51.951 ug/l
RT: 7.634 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020866.D
Acq: 17 Jan 2025 19:27

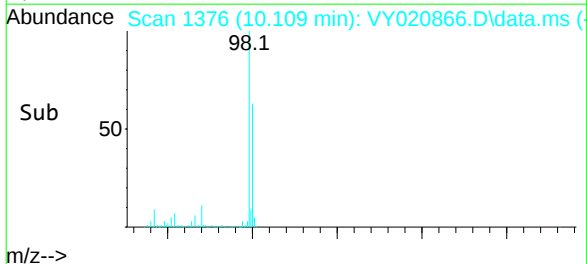
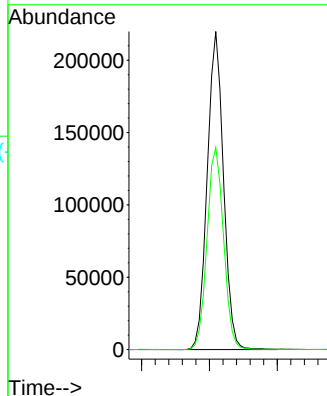
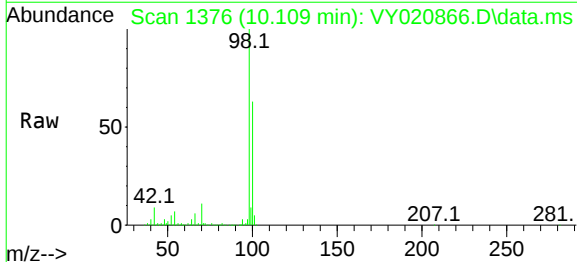
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-1172025-VOC

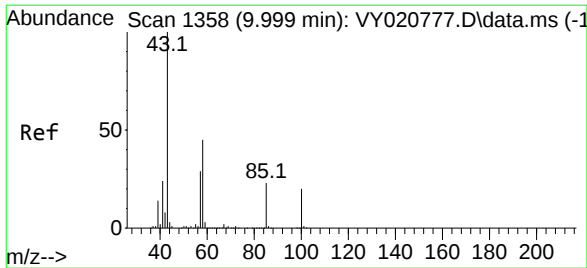
Tgt Ion:113 Resp: 99998
Ion Ratio Lower Upper
113 100
111 102.6 81.7 122.5
192 21.1 16.7 25.1



#50
Toluene-d8
Concen: 54.480 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020866.D
Acq: 17 Jan 2025 19:27

Tgt Ion: 98 Resp: 365568
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 1.686 ug/l

RT: 10.006 min Scan# 1358

Delta R.T. 0.006 min

Lab File: VY020866.D

Acq: 17 Jan 2025 19:27

Instrument :

MSVOA_Y

ClientSampleId :

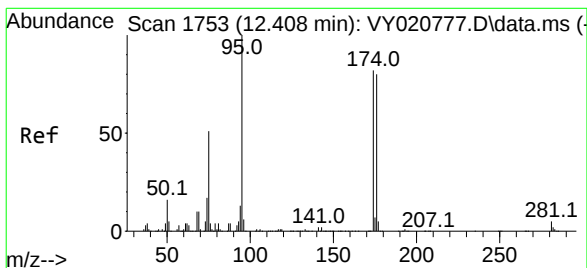
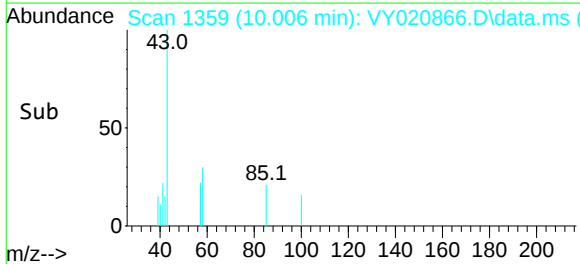
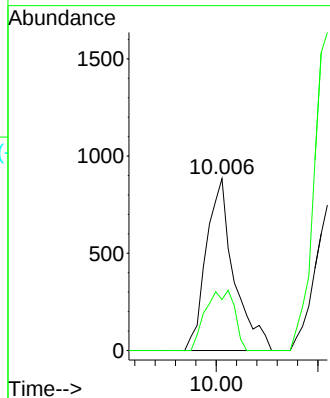
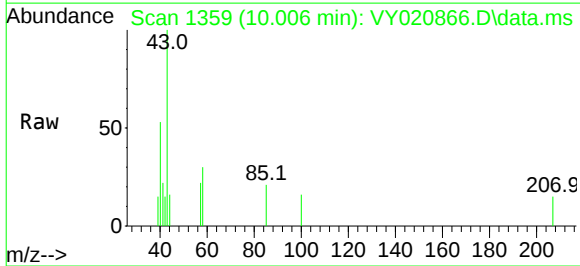
TR-04-1172025-VOC

Tgt Ion: 43 Resp: 1674

Ion Ratio Lower Upper

43 100

58 36.6 34.8 52.2



#62

4-Bromofluorobenzene

Concen: 44.451 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY020866.D

Acq: 17 Jan 2025 19:27

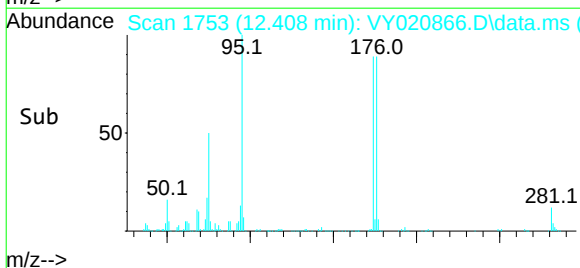
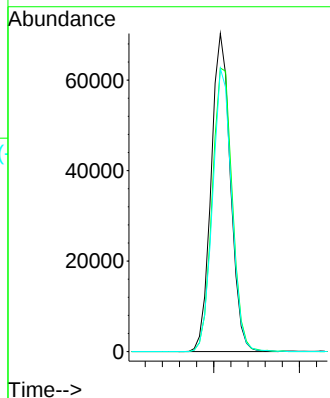
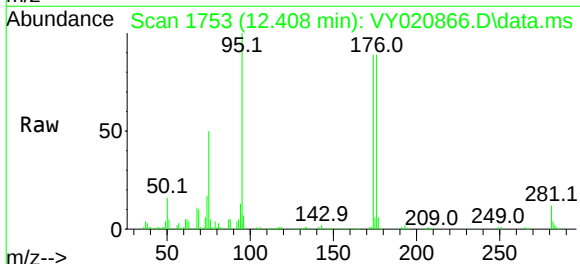
Tgt Ion: 95 Resp: 110147

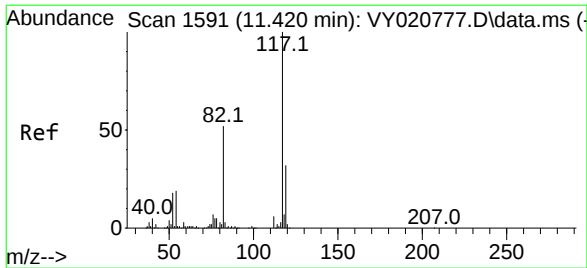
Ion Ratio Lower Upper

95 100

174 92.4 0.0 178.0

176 88.2 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY020866.D

Acq: 17 Jan 2025 19:27

Instrument :

MSVOA_Y

ClientSampleId :

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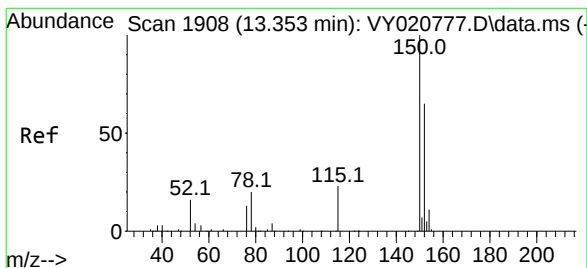
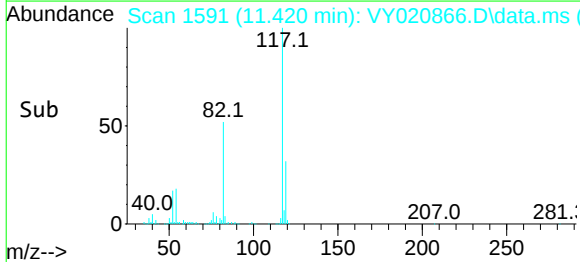
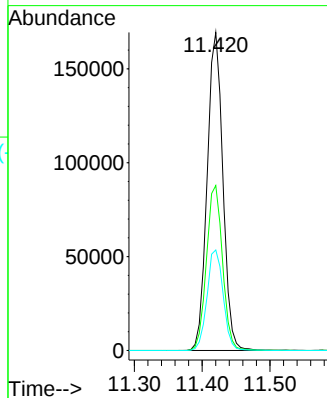
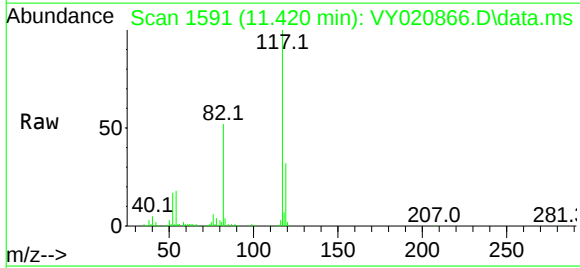
Tgt Ion:117 Resp: 272454

Ion Ratio Lower Upper

117 100

82 51.9 41.8 62.6

119 31.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY020866.D

Acq: 17 Jan 2025 19:27

Tgt Ion:152 Resp: 107541

Ion Ratio Lower Upper

152 100

115 56.7 29.0 87.0

150 159.2 0.0 347.4

