

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010825\
 Data File : VY020805.D
 Acq On : 08 Jan 2025 12:37
 Operator : SY/MD
 Sample : Q1028-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-010725

Quant Time: Jan 09 00:20:29 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)

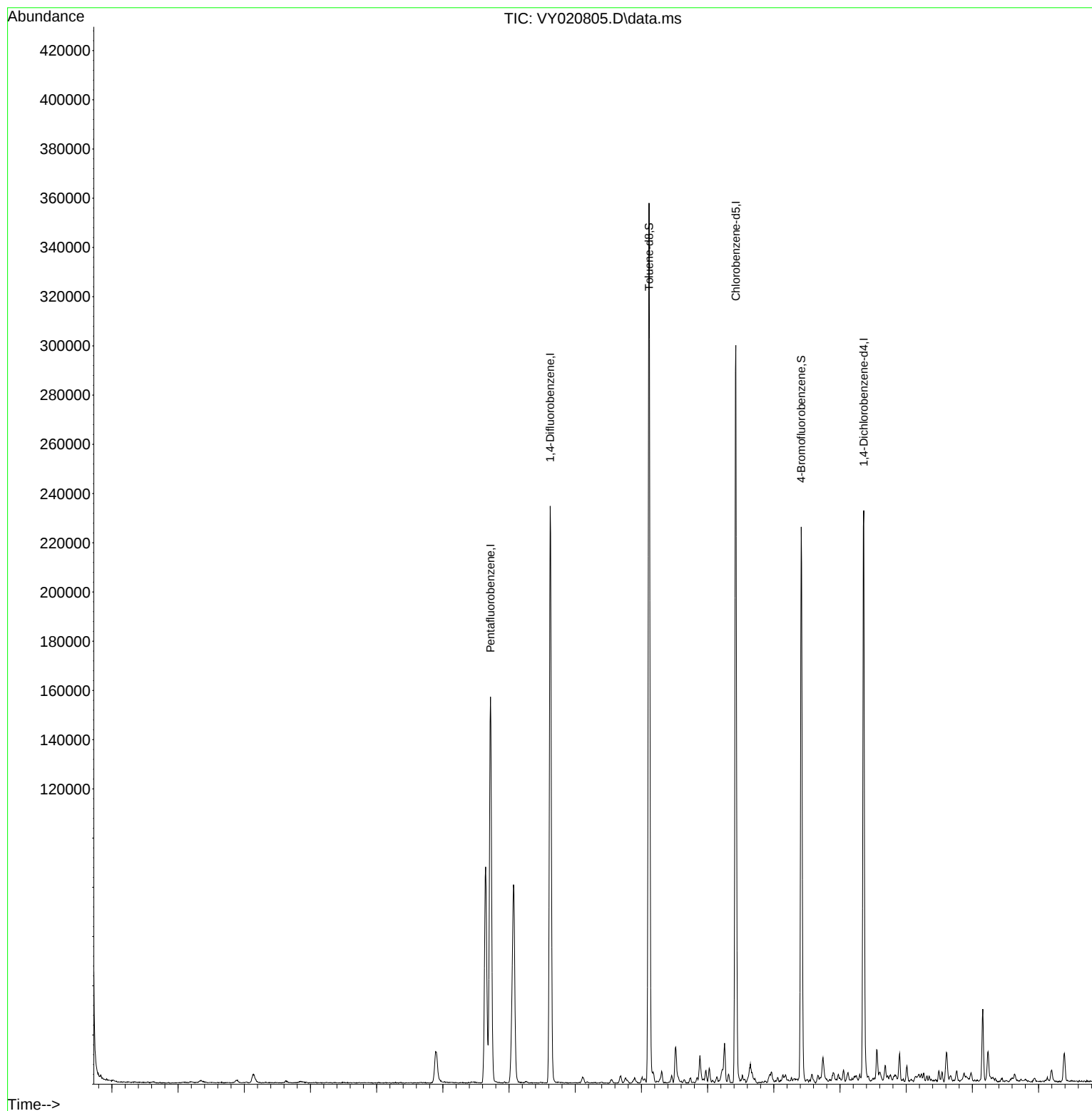
Internal Standards						
1) Pentafluorobenzene	7.720	168	126633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	209748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	169479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	63568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	54655	50.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.560%
35) Dibromofluoromethane	7.646	113	64394	49.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.000%
50) Toluene-d8	10.115	98	239574	52.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.414	95	66517	39.322	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.640%
Target Compounds						
16) Acetone	3.879	43	2070	13.524	ug/l	91
51) 4-Methyl-2-Pentanone	10.012	43	1590	2.346	ug/l	87

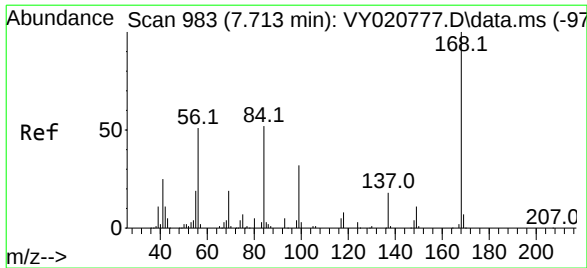
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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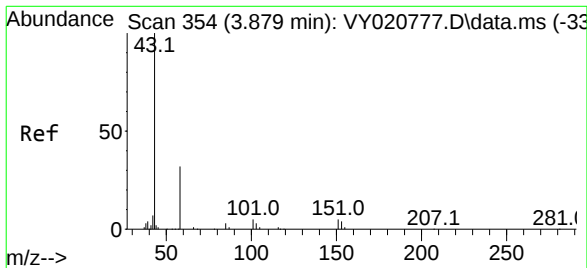
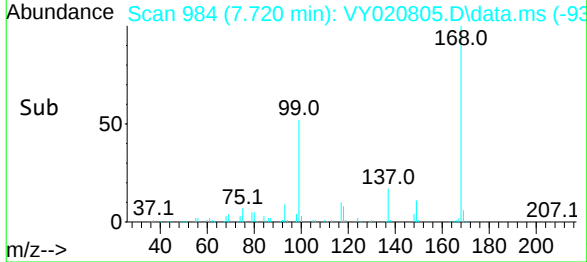
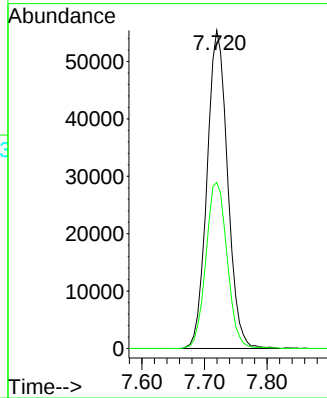
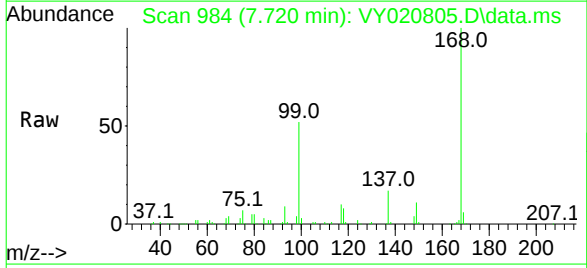




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020805.D
Acq: 08 Jan 2025 12:37

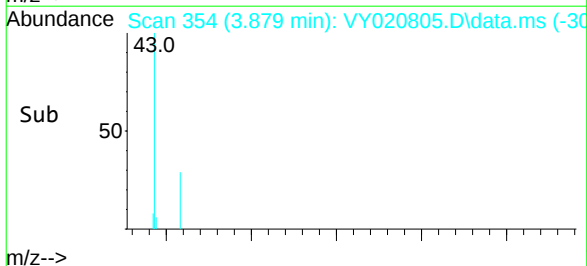
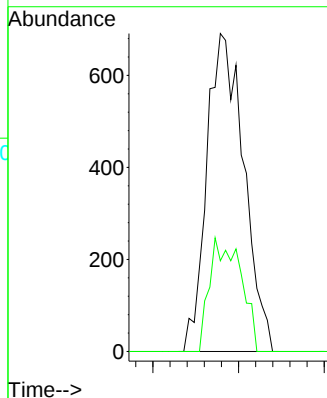
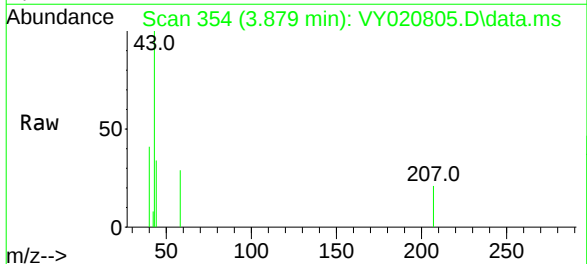
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-010725

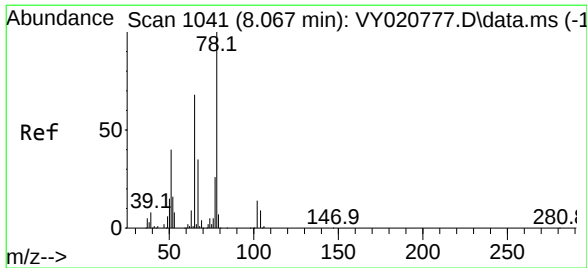
Tgt Ion:168 Resp: 126633
Ion Ratio Lower Upper
168 100
99 52.2 44.3 66.5



#16
Acetone
Concen: 13.524 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY020805.D
Acq: 08 Jan 2025 12:37

Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
58 28.5 26.7 40.1

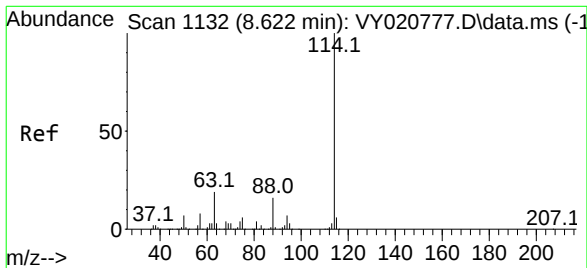
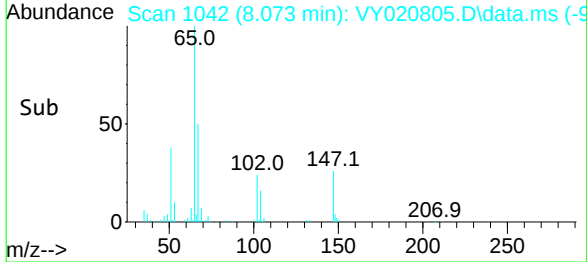
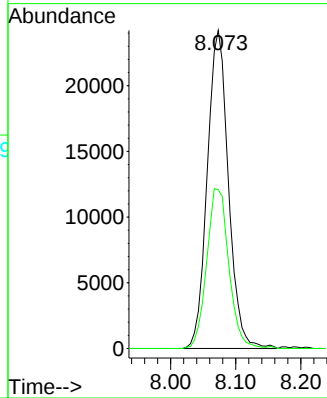
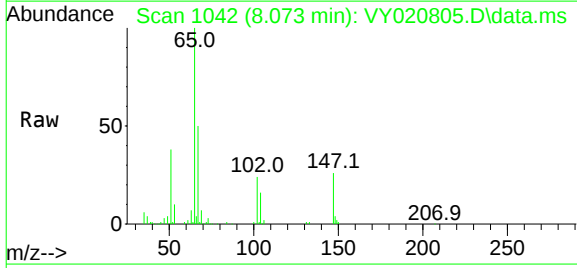




#33
1,2-Dichloroethane-d4
Concen: 50.779 ug/l
RT: 8.073 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020805.D
Acq: 08 Jan 2025 12:37

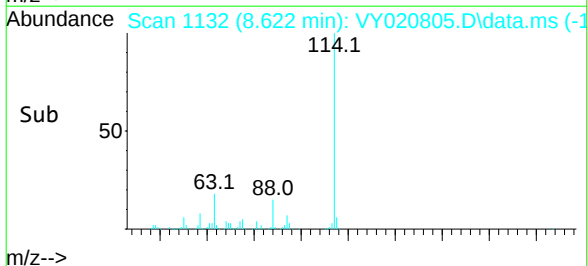
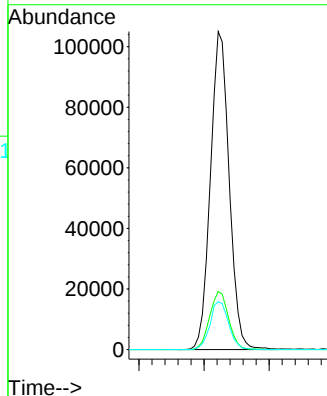
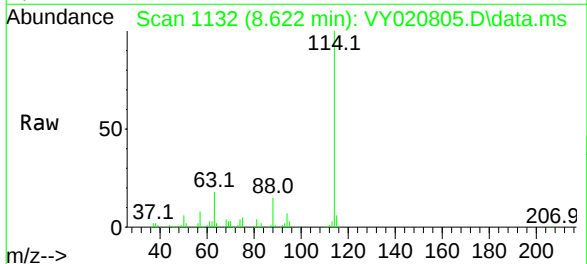
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-010725

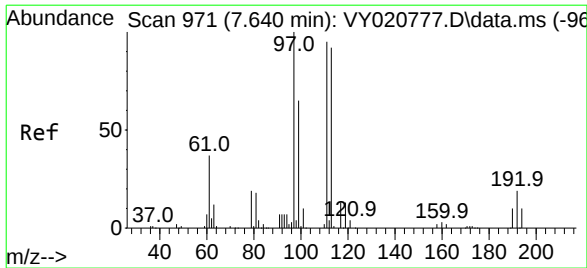
Tgt Ion: 65 Resp: 54655
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020805.D
Acq: 08 Jan 2025 12:37

Tgt Ion: 114 Resp: 209748
Ion Ratio Lower Upper
114 100
63 18.3 0.0 38.4
88 15.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.004 ug/l

RT: 7.646 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020805.D

Acq: 08 Jan 2025 12:37

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-010725

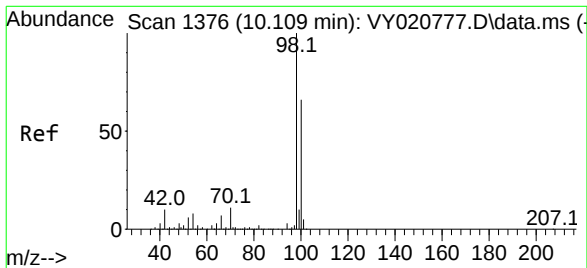
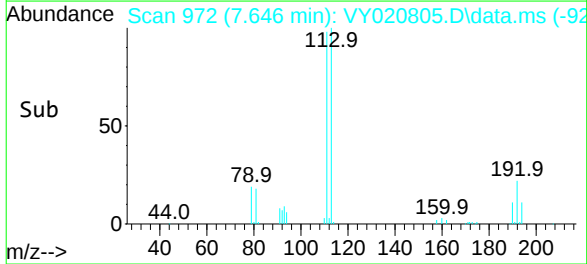
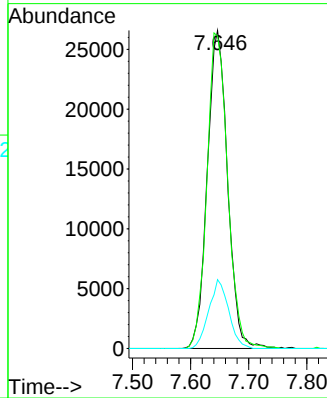
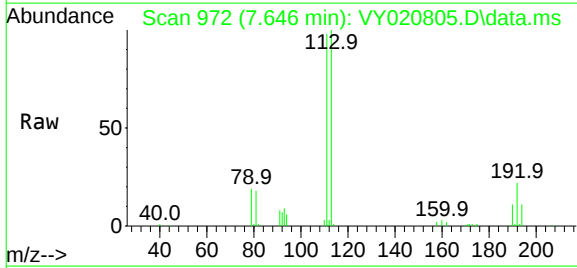
Tgt Ion:113 Resp: 64394

Ion Ratio Lower Upper

113 100

111 101.4 81.7 122.5

192 21.2 16.7 25.1



#50

Toluene-d8

Concen: 52.300 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020805.D

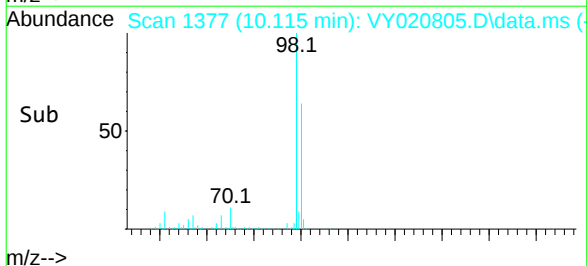
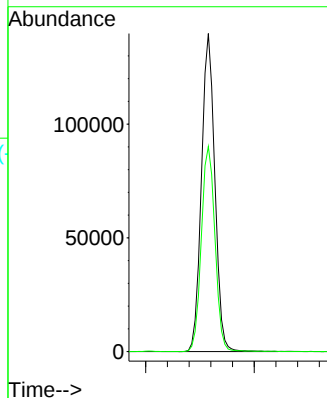
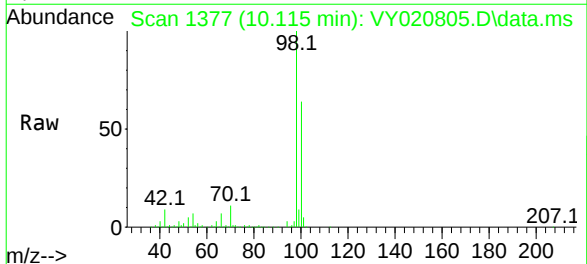
Acq: 08 Jan 2025 12:37

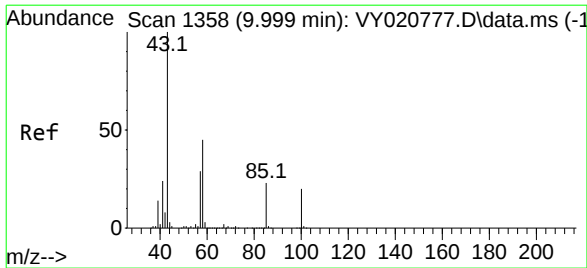
Tgt Ion: 98 Resp: 239574

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7

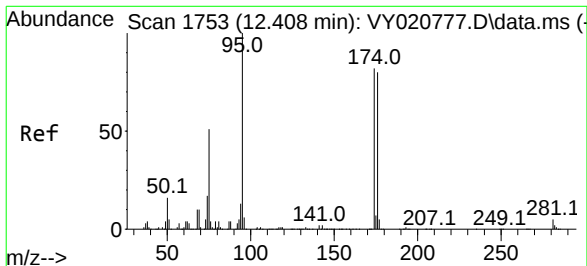
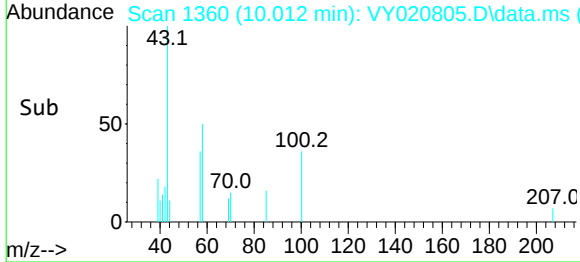
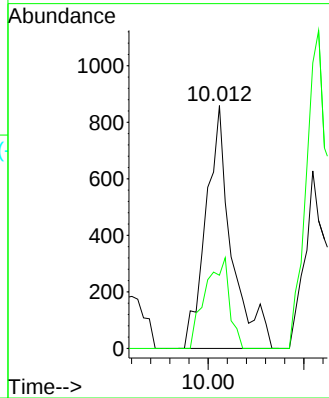
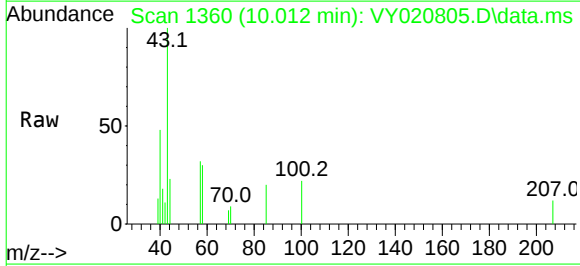




#51
4-Methyl-2-Pentanone
Concen: 2.346 ug/l
RT: 10.012 min Scan# 1358
Delta R.T. 0.012 min
Lab File: VY020805.D
Acq: 08 Jan 2025 12:37

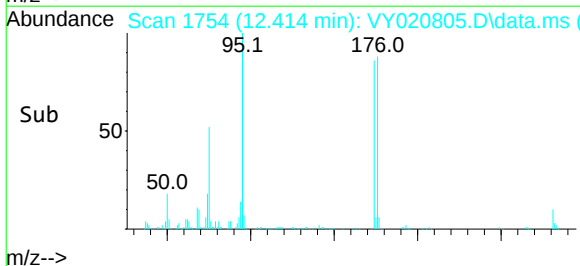
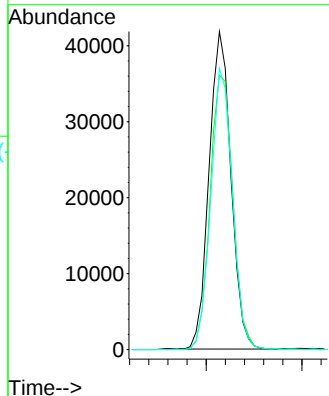
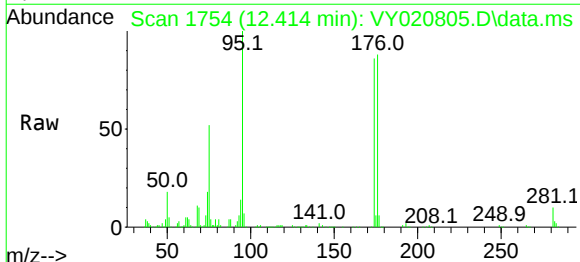
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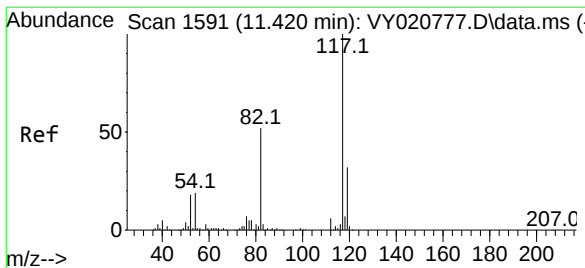
Tgt Ion: 43 Resp: 1590
Ion Ratio Lower Upper
43 100
58 35.2 34.8 52.2



#62
4-Bromofluorobenzene
Concen: 39.322 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020805.D
Acq: 08 Jan 2025 12:37

Tgt Ion: 95 Resp: 66517
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.0
176 87.3 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: VY020805.D

Acq: 08 Jan 2025 12:37

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-010725

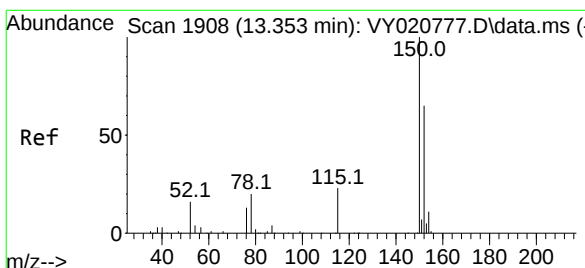
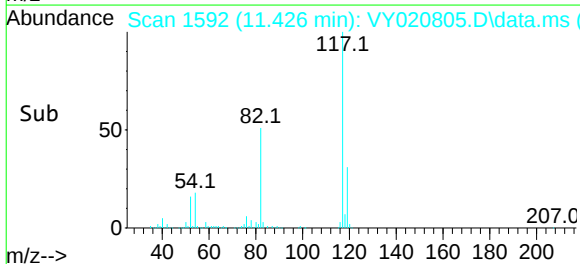
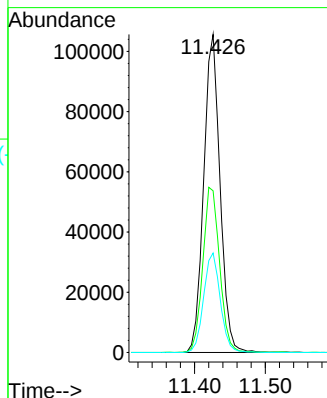
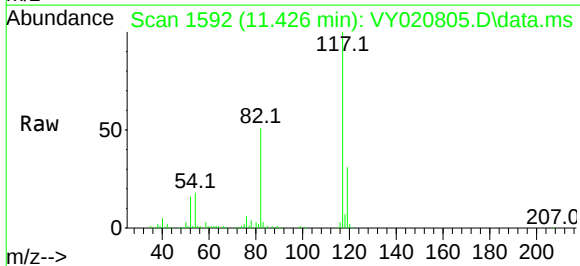
Tgt Ion:117 Resp: 169479

Ion Ratio Lower Upper

117 100

82 50.8 41.8 62.6

119 31.3 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: VY020805.D

Acq: 08 Jan 2025 12:37

Tgt Ion:152 Resp: 63568

Ion Ratio Lower Upper

152 100

115 56.9 29.0 87.0

150 155.2 0.0 347.4

