

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020847.D
 Acq On : 17 Jan 2025 12:03
 Operator : SY/MD
 Sample : Q1099-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-01152025

Quant Time: Jan 17 23:23:42 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

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/20/2025
 Supervised By :Semsettin Yesilyurt 01/21/2025

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	16349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	25310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	19828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	5110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	8311	59.808	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.620%			
35) Dibromofluoromethane	7.640	113	8687	54.785	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.580%			
50) Toluene-d8	10.115	98	27806	50.304	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.600%			
62) 4-Bromofluorobenzene	12.414	95	7037	34.474	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 68.940%			
Target Compounds						
10) Methyl Iodide	4.019	142	837m	5.366	ug/l	Qvalue
84) 1,2,4-Trimethylbenzene	13.048	105	504	1.571	ug/l	67

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

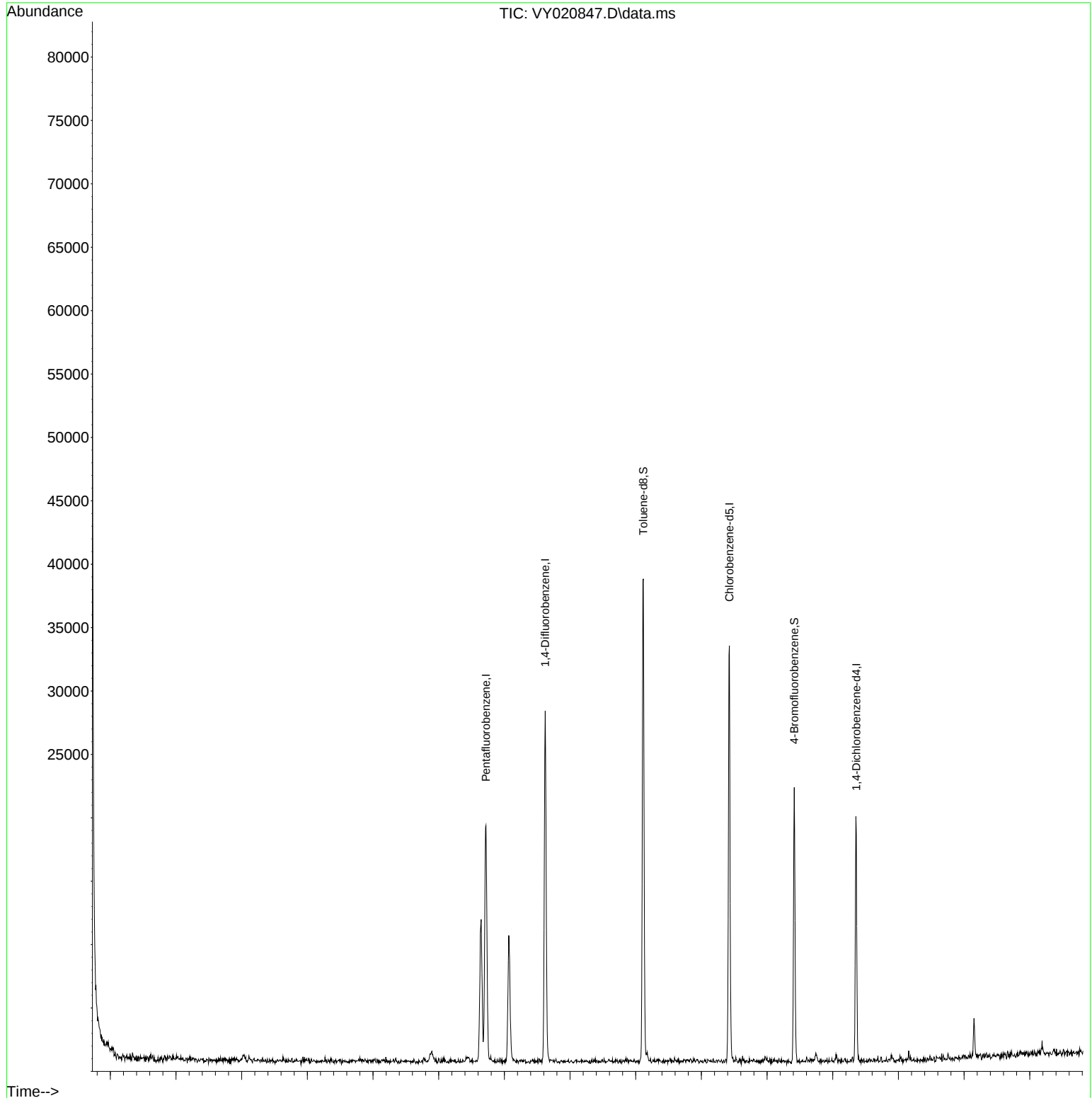
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
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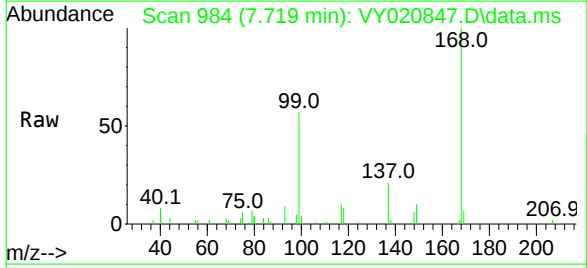
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020847.D
Acq: 17 Jan 2025 12:03

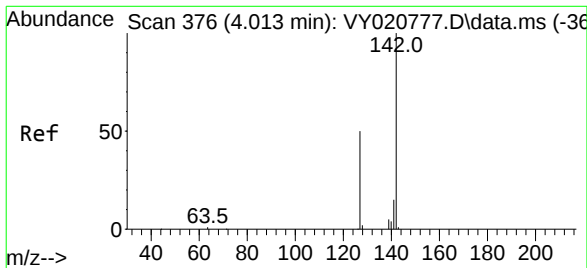
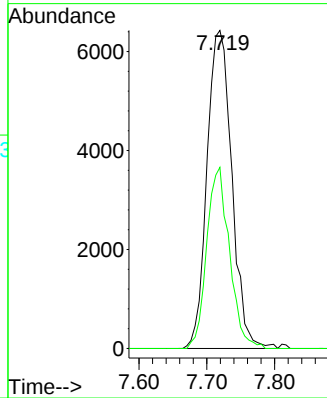
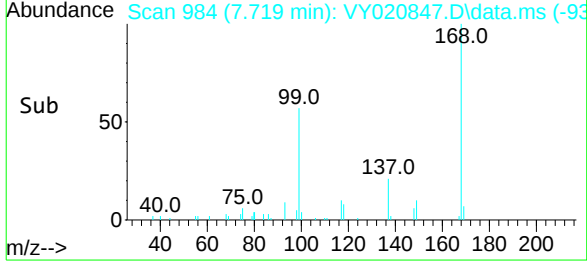
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-01152025



Tgt Ion:168 Resp: 16349
Ion Ratio Lower Upper
168 100
99 57.0 44.3 66.5

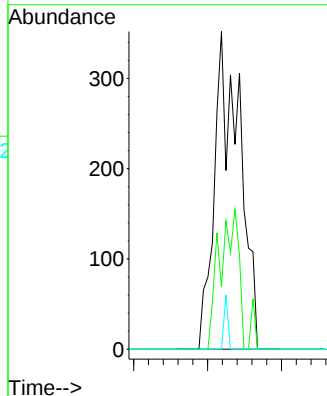
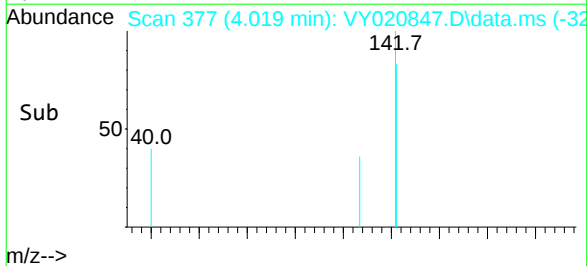
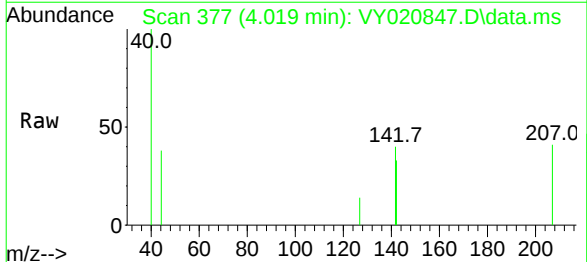
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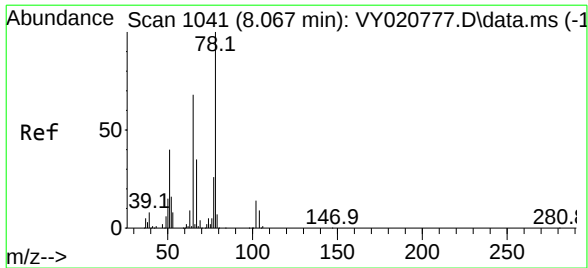
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#10
Methyl Iodide
Concen: 5.366 ug/l m
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY020847.D
Acq: 17 Jan 2025 12:03

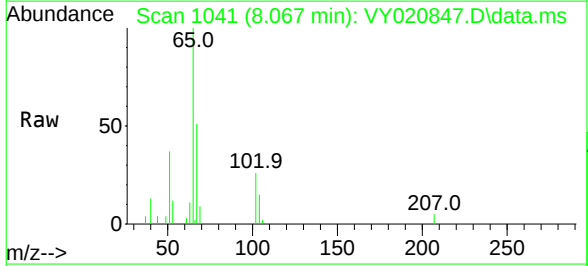
Tgt Ion:142 Resp: 837
Ion Ratio Lower Upper
142 100
127 33.1 41.0 61.6#
141 2.6 11.6 17.4#





#33
1,2-Dichloroethane-d4
Concen: 59.808 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY020847.D
Acq: 17 Jan 2025 12:03

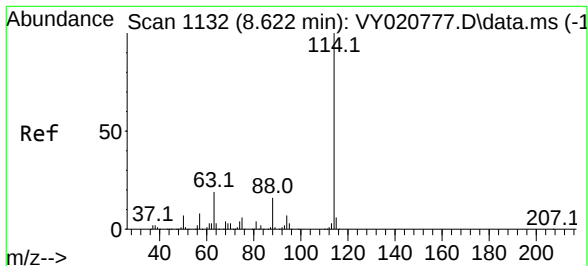
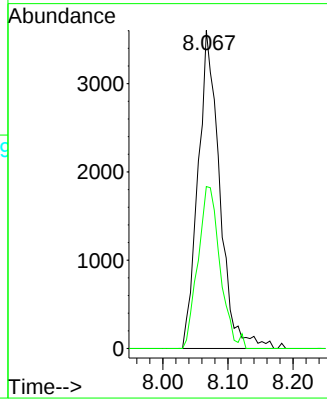
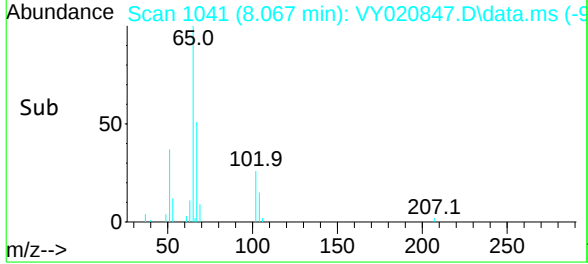
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-01152025



Tgt Ion: 65 Resp: 8311
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.8

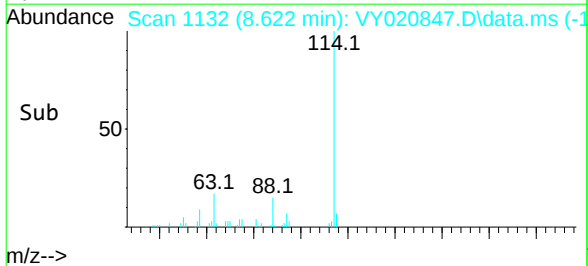
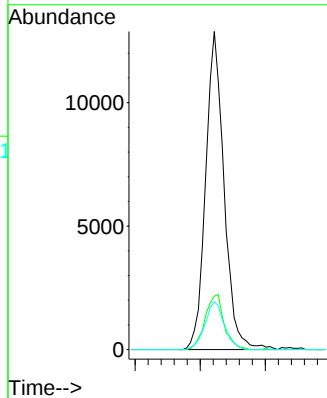
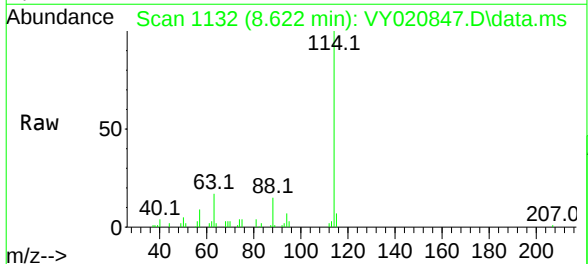
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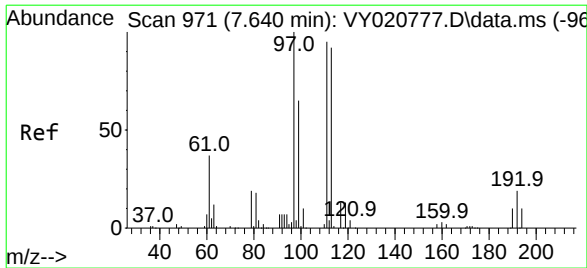
Reviewed By :Mahesh Dadoda 01/20/2025
Supervised By :Semsettin Yesilyurt 01/21/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY020847.D
Acq: 17 Jan 2025 12:03

Tgt Ion:114 Resp: 25310
Ion Ratio Lower Upper
114 100
63 16.8 0.0 38.4
88 15.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 54.785 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY020847.D

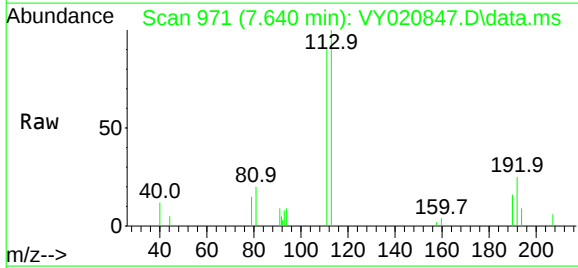
Acq: 17 Jan 2025 12:03

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-01152025

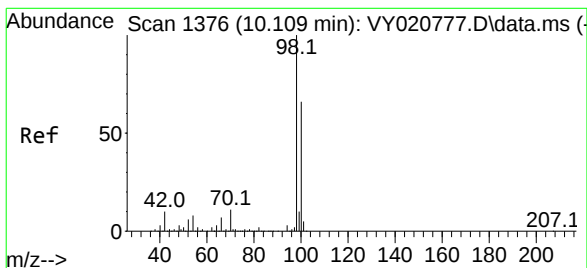
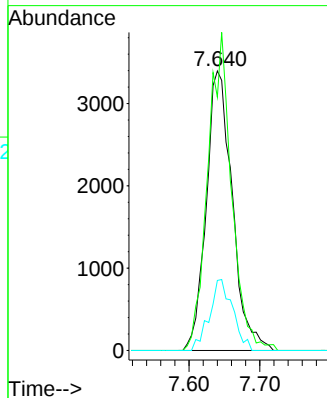
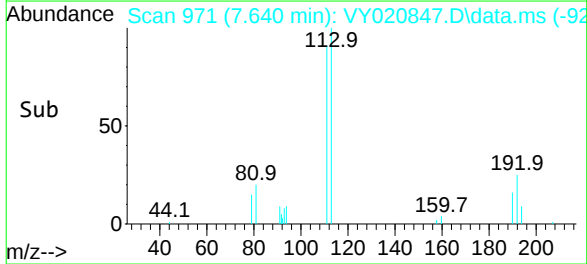


Tgt Ion:	113	Resp:	8687
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.7	122.5
192	22.7	16.7	25.1

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#50

Toluene-d8

Concen: 50.304 ug/l

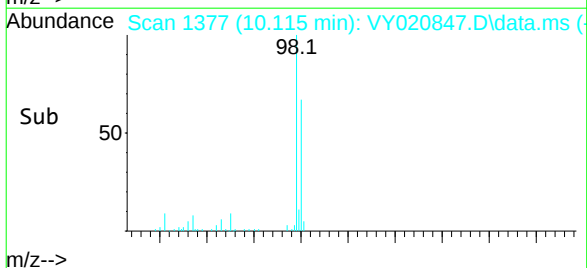
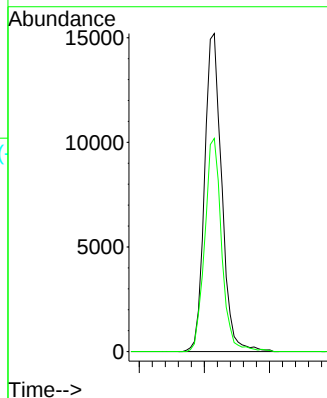
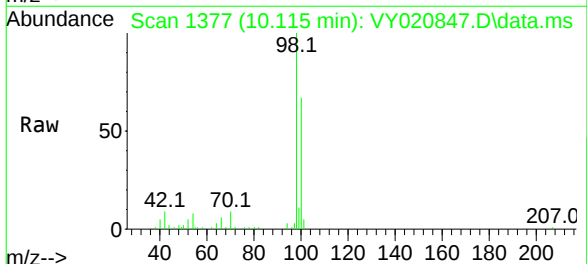
RT: 10.115 min Scan# 1377

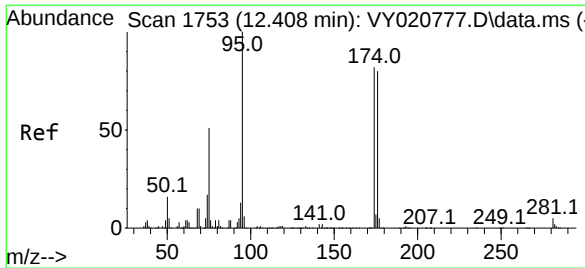
Delta R.T. 0.006 min

Lab File: VY020847.D

Acq: 17 Jan 2025 12:03

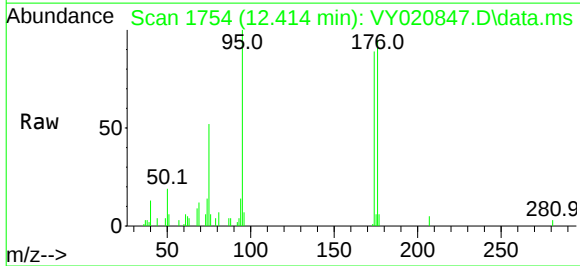
Tgt Ion:	98	Resp:	27806
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.5	78.7





#62
4-Bromofluorobenzene
Concen: 34.474 ug/l
RT: 12.414 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020847.D
Acq: 17 Jan 2025 12:03

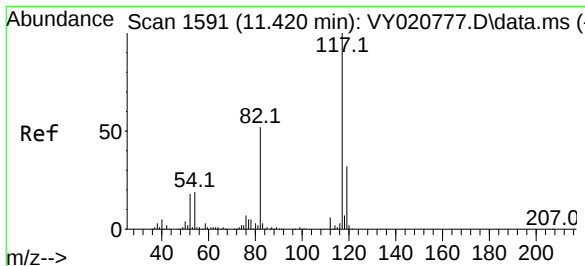
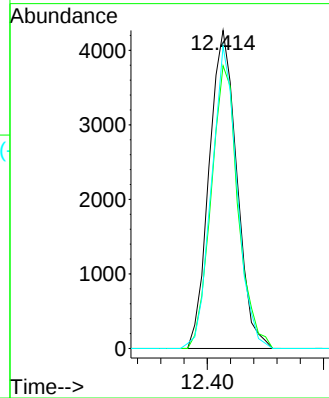
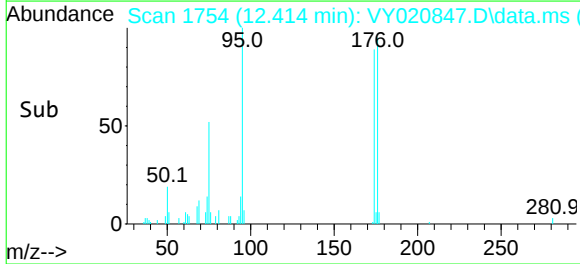
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-01152025



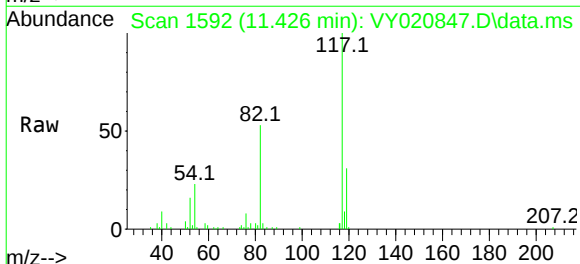
Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	178.0
176	88.1	0.0	172.0

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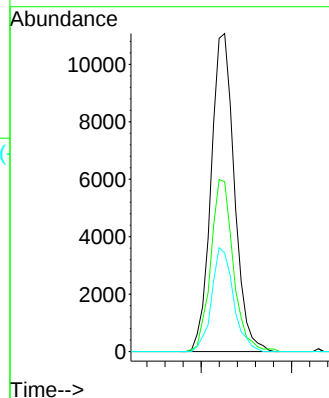
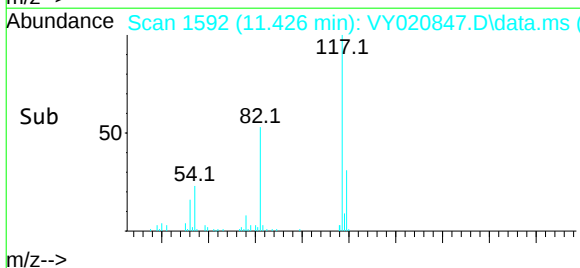
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Supervised By :Semsettin Yesilyurt 01/21/2025

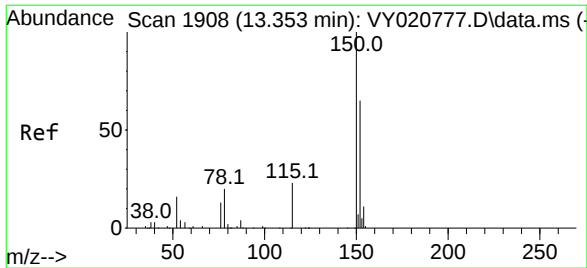


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY020847.D
Acq: 17 Jan 2025 12:03



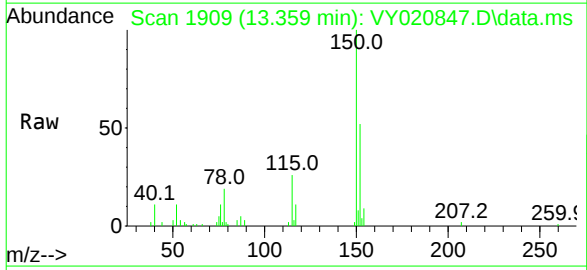
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.8	62.6
119	31.0	25.8	38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020847.D
Acq: 17 Jan 2025 12:03

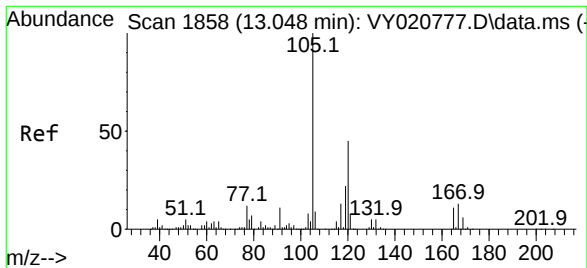
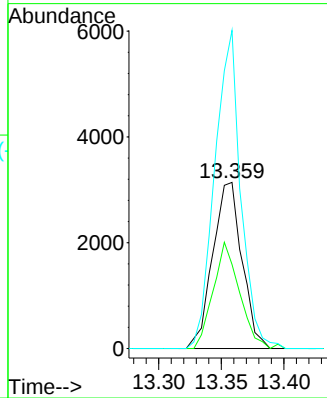
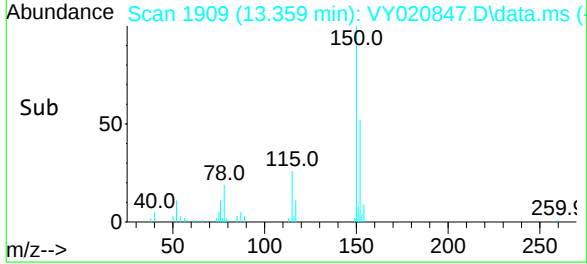
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-01152025



Tgt Ion:152 Resp: 5110
Ion Ratio Lower Upper
152 100
115 57.7 29.0 87.0
150 170.0 0.0 347.4

Manual Integrations
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Supervised By :Semsettin Yesilyurt 01/21/2025



#84
1,2,4-Trimethylbenzene
Concen: 1.571 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VY020847.D
Acq: 17 Jan 2025 12:03

Tgt Ion:105 Resp: 504
Ion Ratio Lower Upper
105 100
120 23.0 22.4 67.2

