

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
 Data File : VY020770.D
 Acq On : 03 Jan 2025 15:28
 Operator : SY/MD
 Sample : Q1009-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-1-03-2025

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/06/2025
 Supervised By : Mahesh Dadoda 01/06/2025

Quant Time: Jan 03 22:05:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	20295	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	29167	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	20406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	5958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	7882	47.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.820%
35) Dibromofluoromethane	7.640	113	8532	53.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.220%
50) Toluene-d8	10.109	98	31262	48.970	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.408	95	6868	32.168	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	64.340%
Target Compounds						
82) 4-Chlorotoluene	12.786	91	285	1.046	ug/l	87
87) 1,3-Dichlorobenzene	13.292	146	289	1.556	ug/l	96
88) 1,4-Dichlorobenzene	13.377	146	323m	1.748	ug/l	
91) 1,2-Dichlorobenzene	13.657	146	218	1.369	ug/l #	72

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

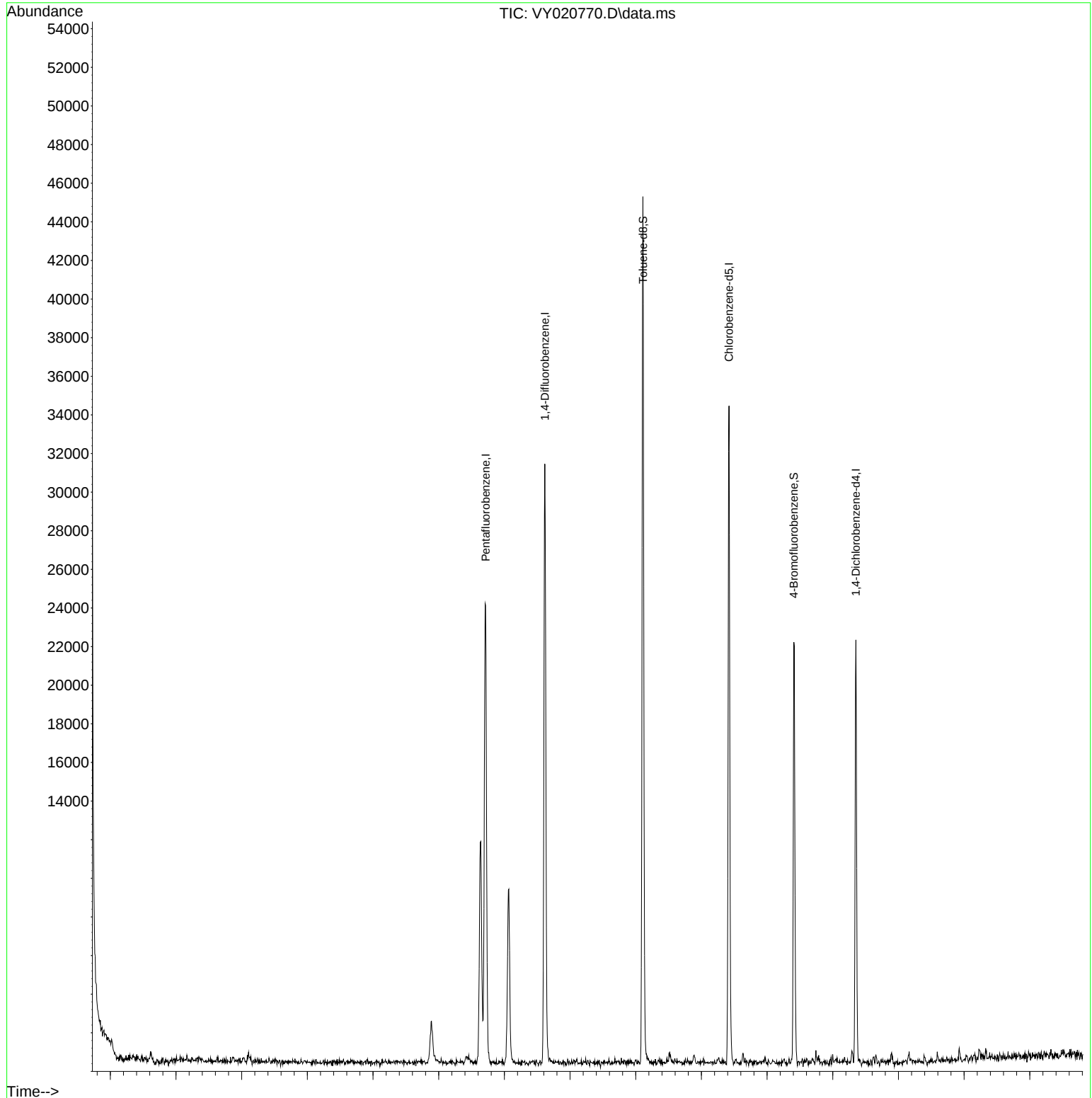
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
Data File : VY020770.D
Acq On : 03 Jan 2025 15:28
Operator : SY/MD
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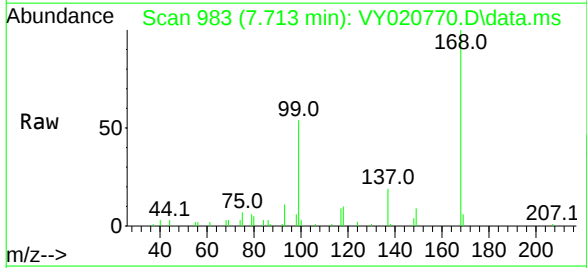
Quant Time: Jan 03 22:05:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020770.D
Acq: 03 Jan 2025 15:28

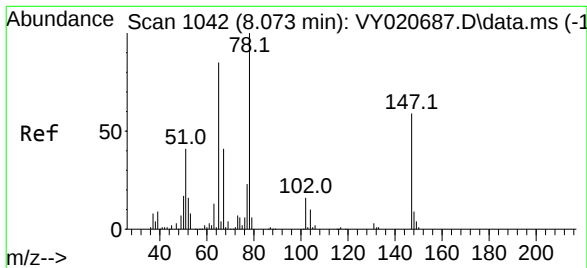
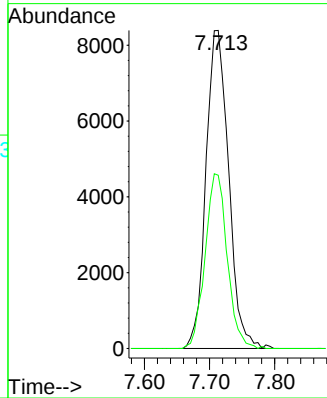
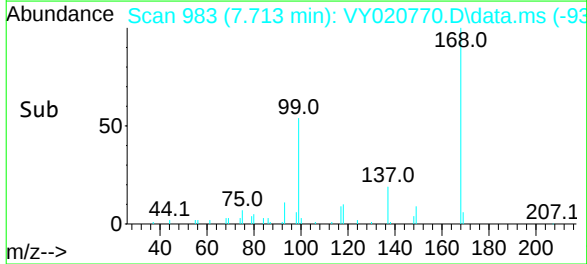
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-1-03-2025



Tgt Ion: 168 Resp: 20295
Ion Ratio Lower Upper
168 100
99 54.5 43.8 65.6

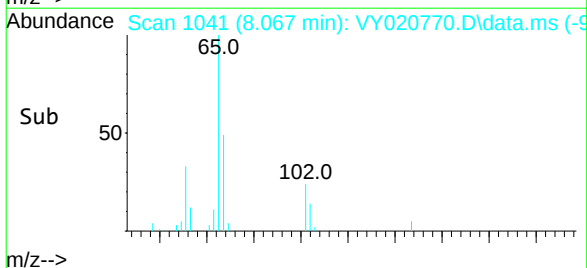
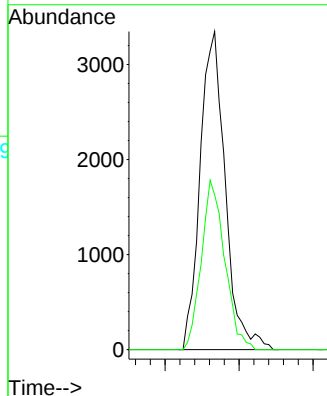
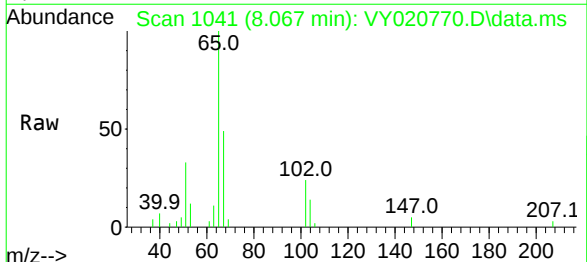
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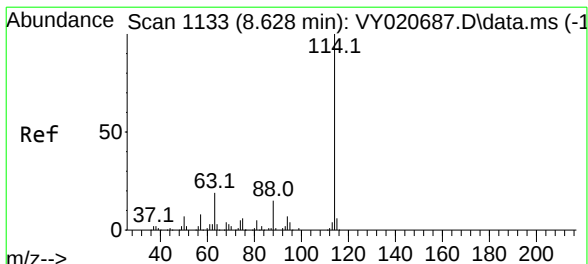
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025



#33
1,2-Dichloroethane-d4
Concen: 47.415 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020770.D
Acq: 03 Jan 2025 15:28

Tgt Ion: 65 Resp: 7882
Ion Ratio Lower Upper
65 100
67 49.7 0.0 98.0





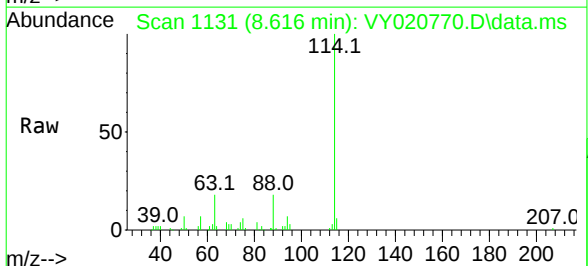
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1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 111
Delta R.T. -0.012 min
Lab File: VY020770.D
Acq: 03 Jan 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

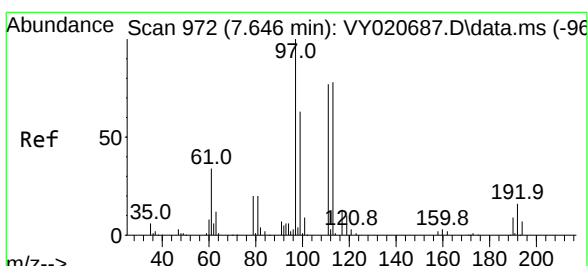
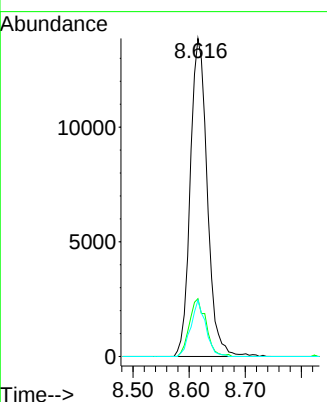
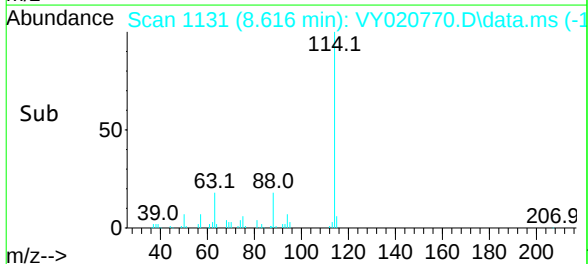
SU-03-1-03-2025



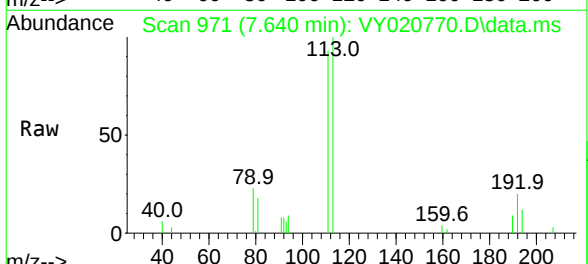
Tgt Ion:	114	Resp:	29167
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.4
88	17.7	0.0	30.4

Manual Integrations
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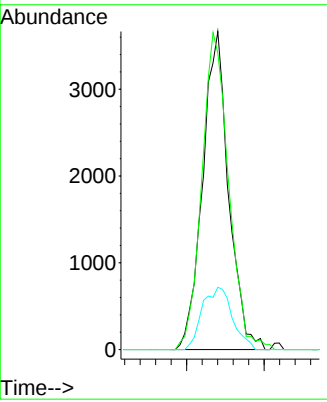
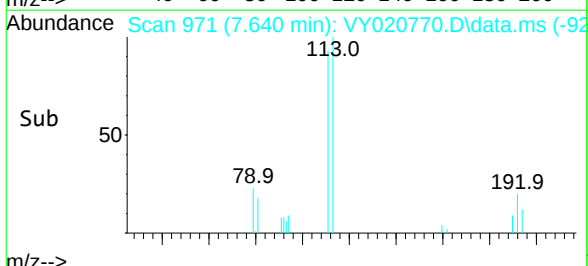
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

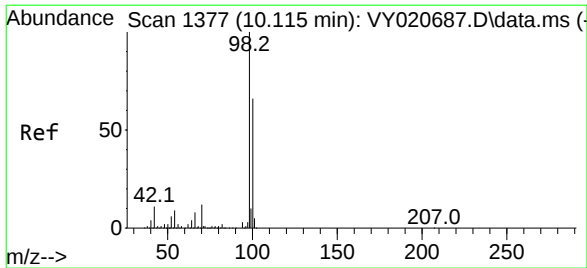


#35
Dibromofluoromethane
Concen: 53.107 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020770.D
Acq: 03 Jan 2025 15:28



Tgt Ion:	113	Resp:	8532
Ion	Ratio	Lower	Upper
113	100		
111	103.1	79.8	119.8
192	22.7	17.0	25.6





#50

Toluene-d8

Concen: 48.970 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020770.D

Acq: 03 Jan 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-1-03-2025

Tgt Ion: 98 Resp: 31262

Ion Ratio Lower Upper

98 100

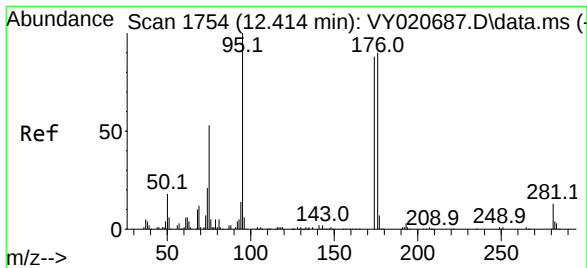
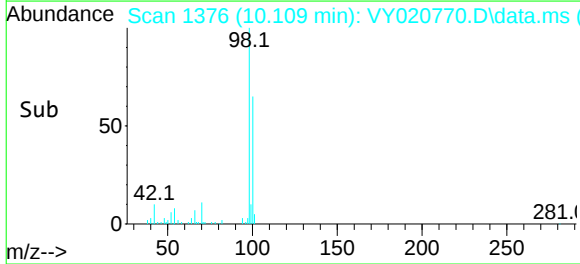
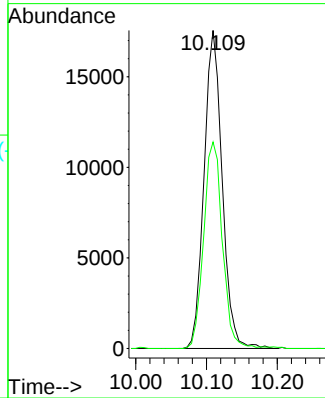
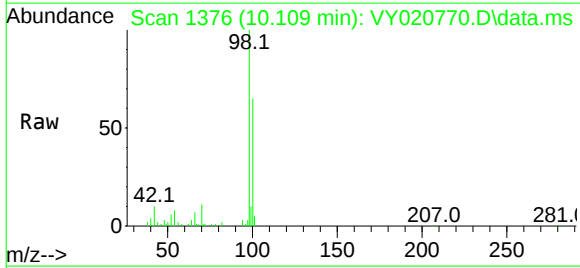
100 67.1 52.2 78.4

Manual Integrations

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Supervised By :Mahesh Dadoda 01/06/2025



#62

4-Bromofluorobenzene

Concen: 32.168 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.006 min

Lab File: VY020770.D

Acq: 03 Jan 2025 15:28

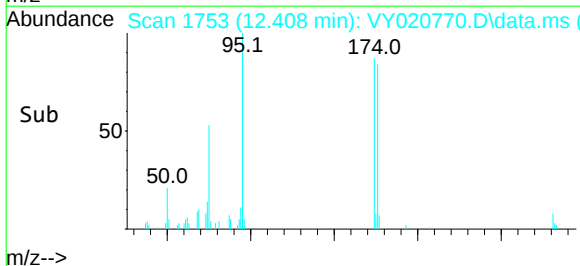
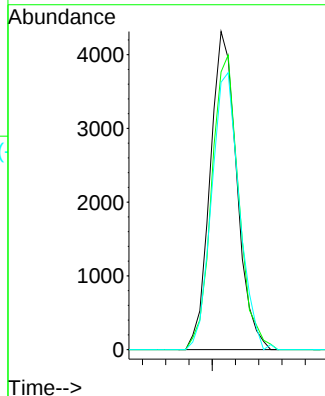
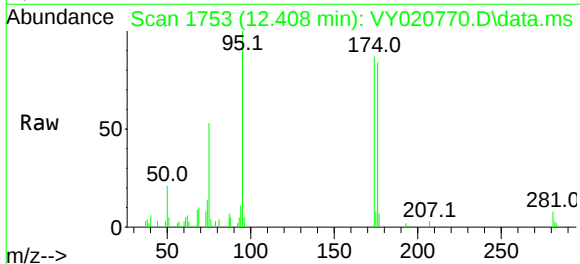
Tgt Ion: 95 Resp: 6868

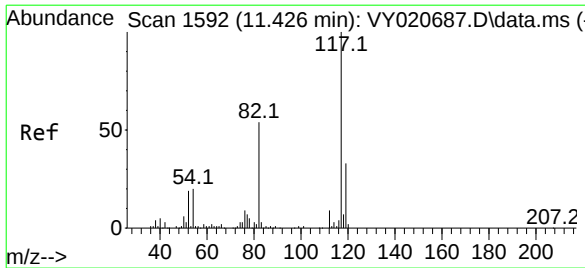
Ion Ratio Lower Upper

95 100

174 93.6 0.0 179.2

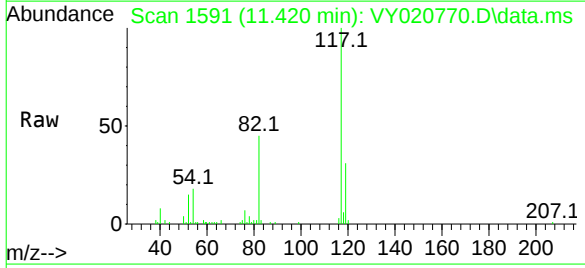
176 90.3 0.0 179.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1592
Delta R.T. -0.006 min
Lab File: VY020770.D
Acq: 03 Jan 2025 15:28

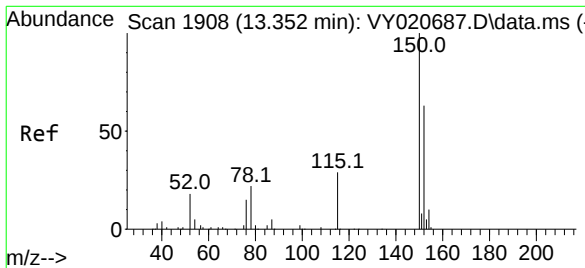
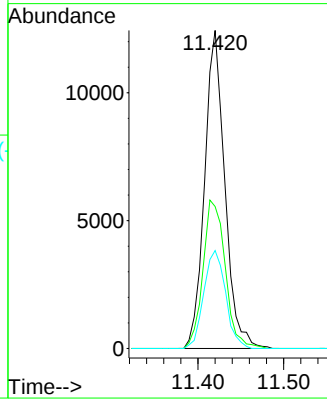
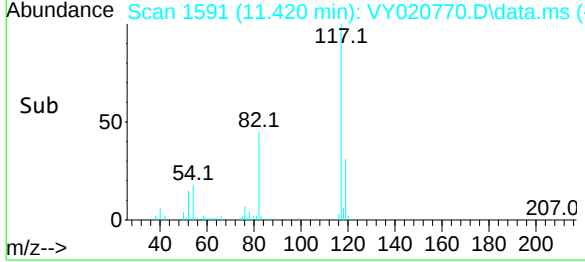
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-1-03-2025



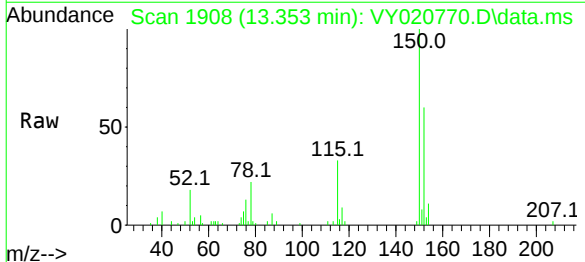
Tgt Ion:117 Resp: 20406
Ion Ratio Lower Upper
117 100
82 44.6 43.4 65.2
119 30.8 26.6 39.8

Manual Integrations
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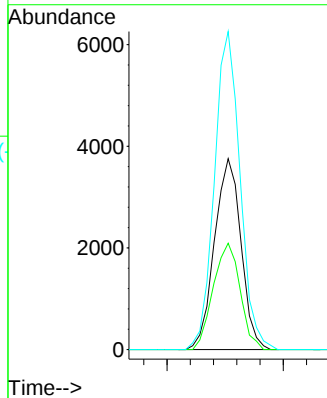
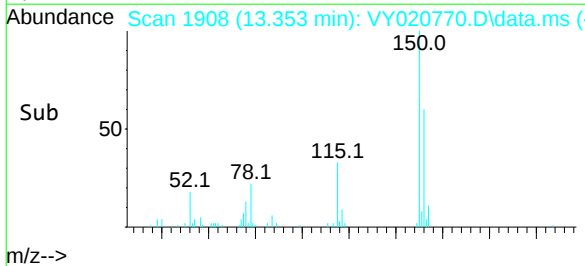
Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

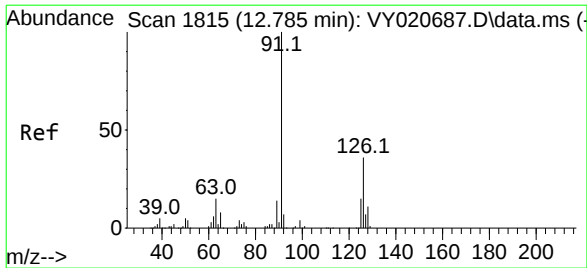


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.001 min
Lab File: VY020770.D
Acq: 03 Jan 2025 15:28



Tgt Ion:152 Resp: 5958
Ion Ratio Lower Upper
152 100
115 56.3 30.3 90.9
150 161.1 0.0 349.0





#82

4-Chlorotoluene

Concen: 1.046 ug/l

RT: 12.786 min Scan# 1815

Delta R.T. 0.001 min

Lab File: VY020770.D

Acq: 03 Jan 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

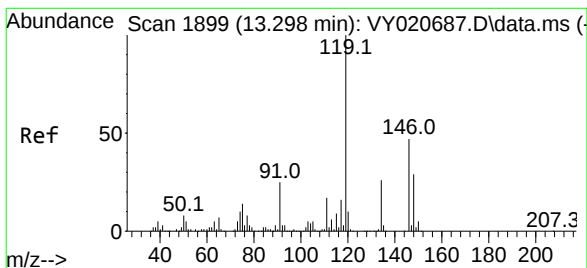
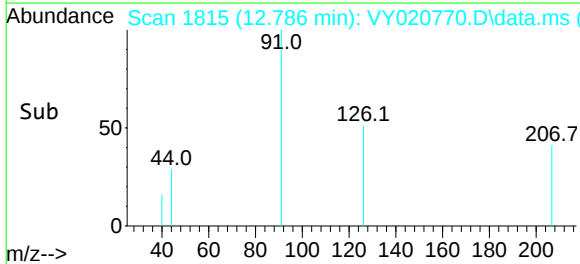
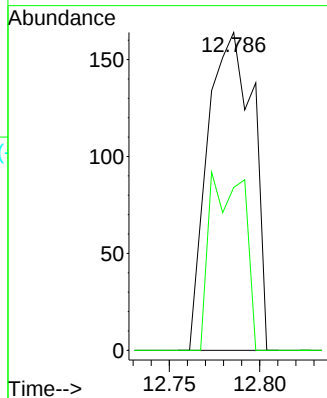
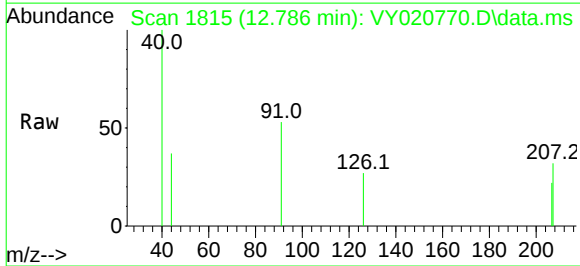
SU-03-1-03-2025

Tgt Ion:	91	Resp:	285
Ion Ratio	Lower	Upper	
91	100		
126	43.2	17.8	53.5

Manual Integrations

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Supervised By :Mahesh Dadoda 01/06/2025



#87

1,3-Dichlorobenzene

Concen: 1.556 ug/l

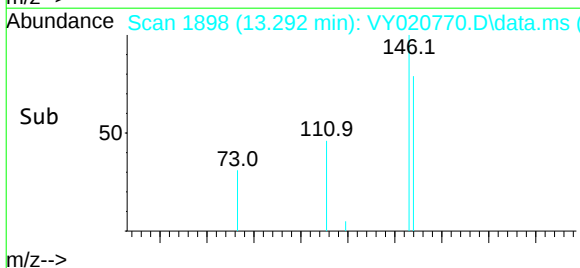
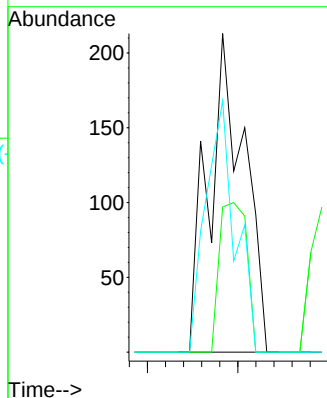
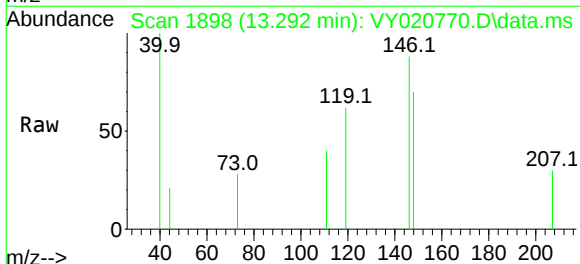
RT: 13.292 min Scan# 1898

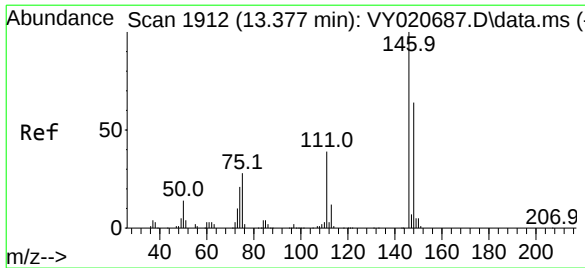
Delta R.T. -0.006 min

Lab File: VY020770.D

Acq: 03 Jan 2025 15:28

Tgt Ion:	146	Resp:	289
Ion Ratio	Lower	Upper	
146	100		
111	36.3	19.3	57.8
148	65.7	31.1	93.5





#88

1,4-Dichlorobenzene

Concen: 1.748 ug/l m

RT: 13.377 min Scan# 1912

Delta R.T. -0.000 min

Lab File: VY020770.D

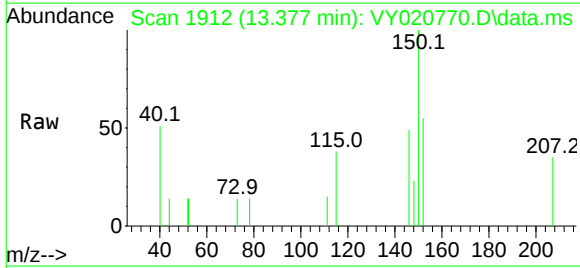
Acq: 03 Jan 2025 15:28

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-1-03-2025

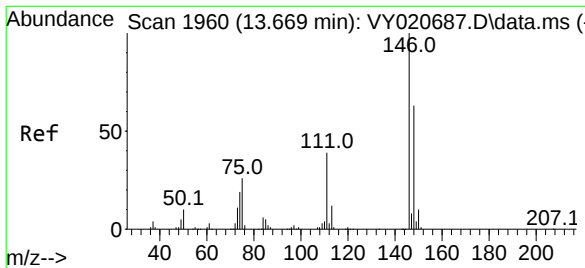
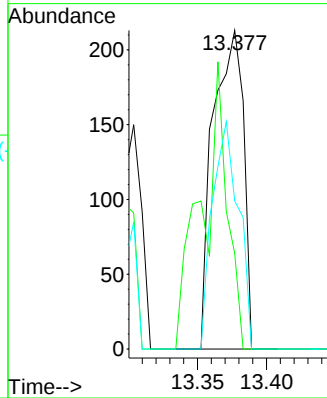
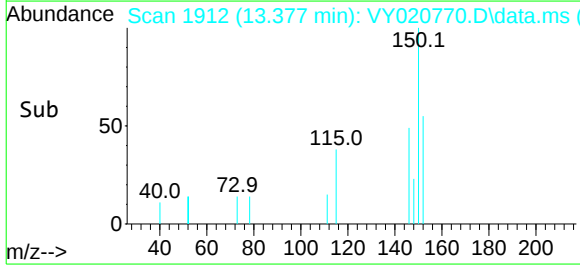


Tgt Ion	Ratio	Lower	Upper
146	100		
111	32.5	19.7	59.0
148	58.8	32.8	98.3

Manual Integrations

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Supervised By :Mahesh Dadoda 01/06/2025



#91

1,2-Dichlorobenzene

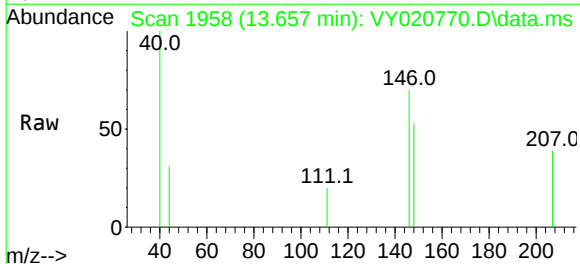
Concen: 1.369 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.012 min

Lab File: VY020770.D

Acq: 03 Jan 2025 15:28



Tgt Ion	Ratio	Lower	Upper
146	100		
111	18.8	20.3	60.8
148	45.9	31.9	95.5

