

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
 Data File : VU063086.D
 Acq On : 29 Jan 2025 11:59
 Operator : MD/SY
 Sample : Q1195-15DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2966DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/30/2025
 Supervised By :Semsettin Yesilyurt 01/30/2025

Quant Time: Jan 30 07:34:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 30 07:33:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.293	114	97998	5.000	ug/L	0.06
28) Chlorobenzene-d5	9.418	117	90108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.634	65	9643	2.737	ug/L	0.04
Spiked Amount 5.000	Range 40 - 130		Recovery =	54.800%		
7) Chloroethane-d5	1.949	69	9811	3.668	ug/L	0.04
Spiked Amount 5.000	Range 65 - 130		Recovery =	73.400%		
11) 1,1-Dichloroethene-d2	2.608	65	5906	2.803	ug/L	0.05
Spiked Amount 5.000	Range 60 - 125		Recovery =	56.000%#		
20) 2-Butanone-d5	4.743	46	33801m	33.059	ug/L	0.13
Spiked Amount 50.000	Range 40 - 130		Recovery =	66.120%		
24) Chloroform-d	5.119	84	53867	3.849	ug/L	0.07
Spiked Amount 5.000	Range 70 - 125		Recovery =	77.000%		
26) 1,2-Dichloroethane-d4	5.763	65	31242	3.911	ug/L	0.07
Spiked Amount 5.000	Range 70 - 130		Recovery =	78.200%		
32) Benzene-d6	5.782	84	81259	3.946	ug/L	0.07
Spiked Amount 5.000	Range 70 - 125		Recovery =	79.000%		
36) 1,2-Dichloropropane-d6	6.727	67	19599	3.738	ug/L	0.05
Spiked Amount 5.000	Range 60 - 140		Recovery =	74.800%		
41) Toluene-d8	7.914	98	81831	4.019	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.400%		
43) trans-1,3-Dichloroprop...	8.193	79	13482	4.154	ug/L	0.02
Spiked Amount 5.000	Range 55 - 130		Recovery =	83.000%		
46) 2-Hexanone-d5	8.647	63	34714	42.864	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery =	85.720%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19852	3.988	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	79.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	41191	4.074	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	81.400%		
Target Compounds						
13) Acetone	2.759	43	5244m	7.932	ug/L	
14) Carbon disulfide	2.830	76	13527	1.037	ug/L #	93
19) 1,1-Dichloroethane	3.914	63	8680	0.919	ug/L	91
42) Toluene	7.984	91	120631	4.649	ug/L	99
52) Ethylbenzene	9.569	91	53562	1.771	ug/L	97
53) m,p-Xylene	9.692	106	67360	5.768	ug/L	99
54) o-Xylene	10.097	106	44222	4.133	ug/L	96
63) 1,2,4-Trimethylbenzene	11.463	105	13288	0.448	ug/L	99

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

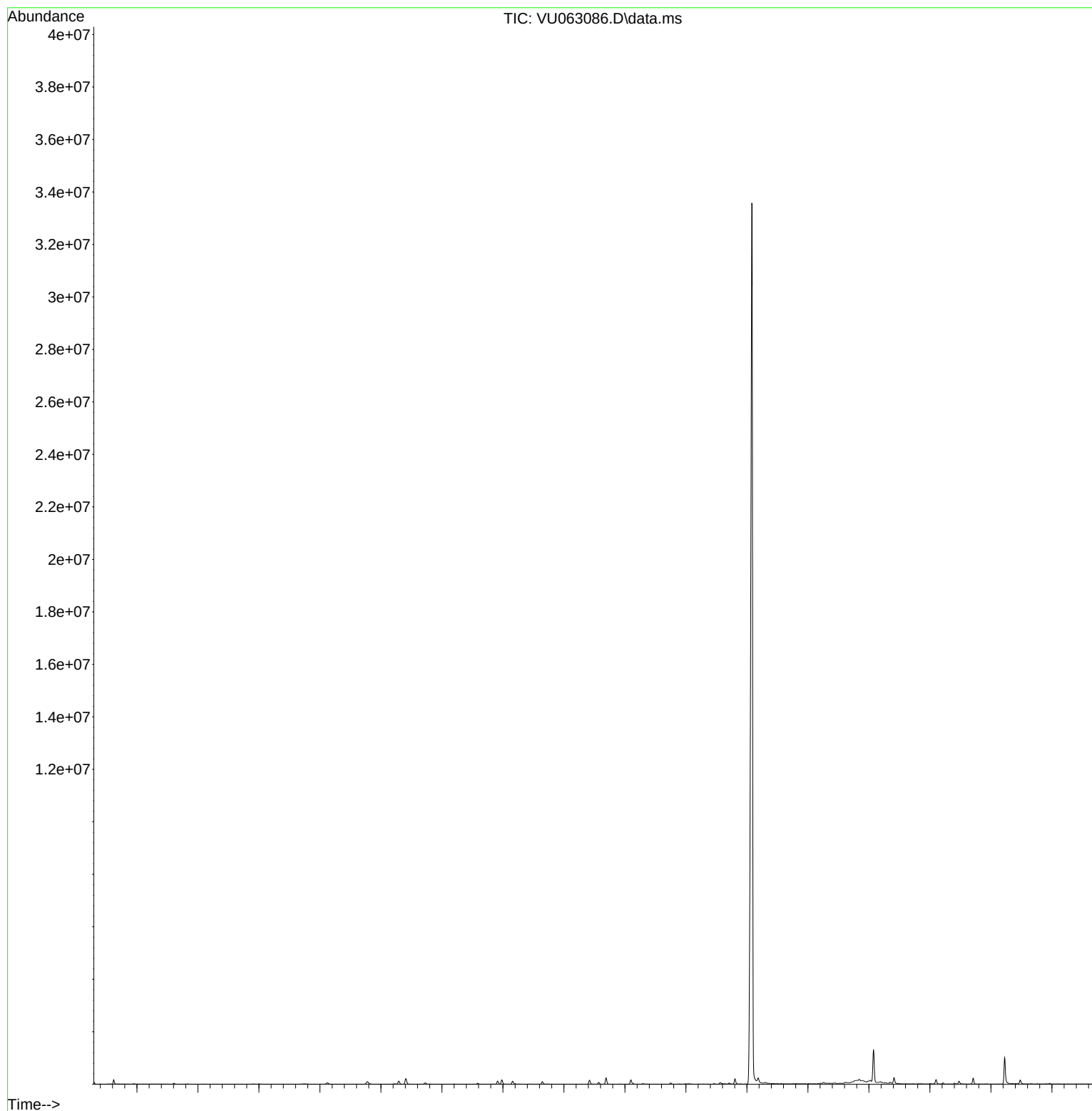
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
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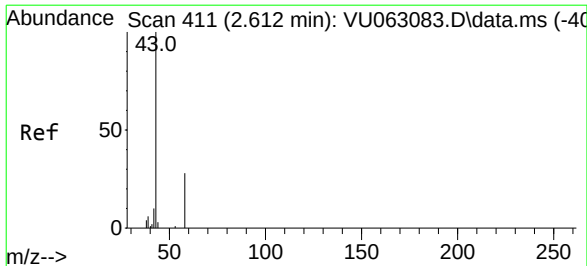
Instrument :
MSVOA_U
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 30 07:33:13 2025
Response via : Initial Calibration





#13

Acetone

Concen: 7.932 ug/L m

RT: 2.759 min Scan# 45

Delta R.T. 0.148 min

Lab File: VU063086.D

Acq: 29 Jan 2025 11:59

Instrument :

MSVOA_U

ClientSampleId :

E2966DL

Tgt Ion: 43 Resp: 5244

Ion Ratio Lower Upper

43 100

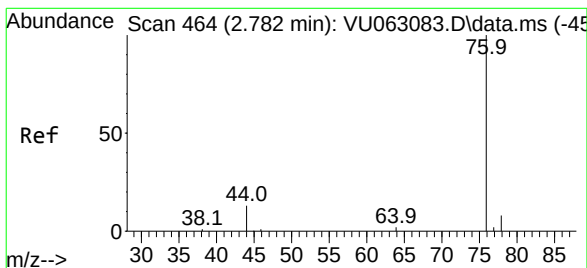
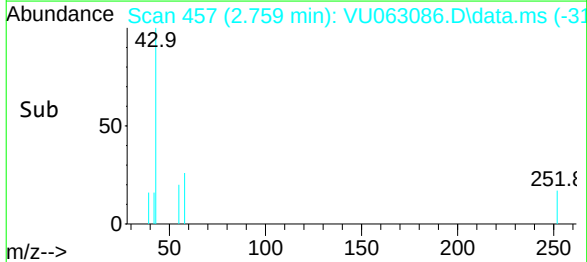
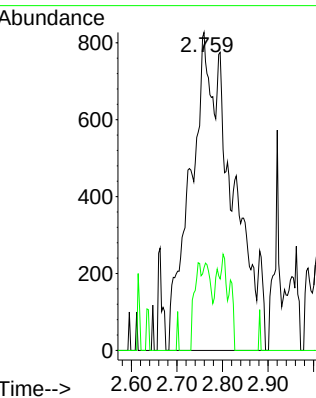
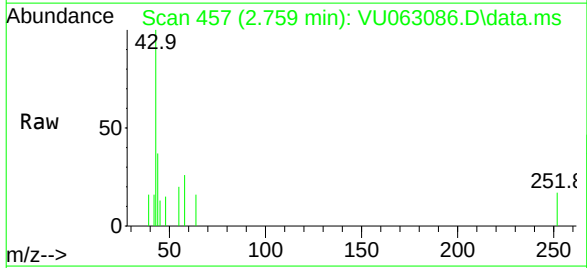
58 0.8 0.0 64.4

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#14

Carbon disulfide

Concen: 1.037 ug/L

RT: 2.830 min Scan# 479

Delta R.T. 0.048 min

Lab File: VU063086.D

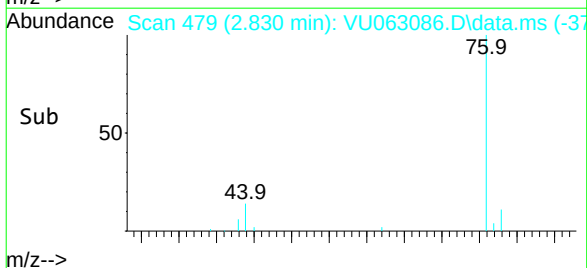
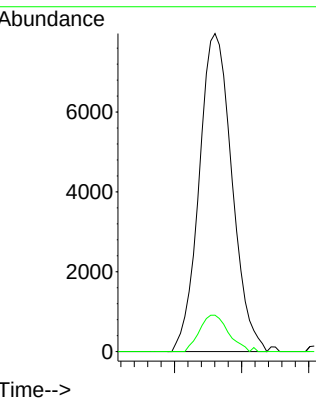
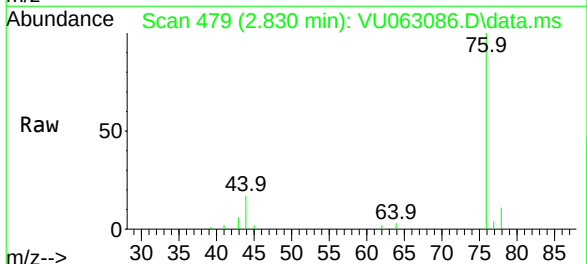
Acq: 29 Jan 2025 11:59

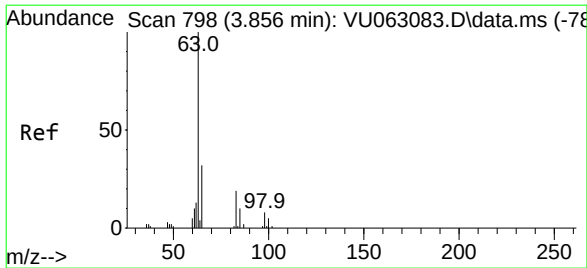
Tgt Ion: 76 Resp: 13527

Ion Ratio Lower Upper

76 100

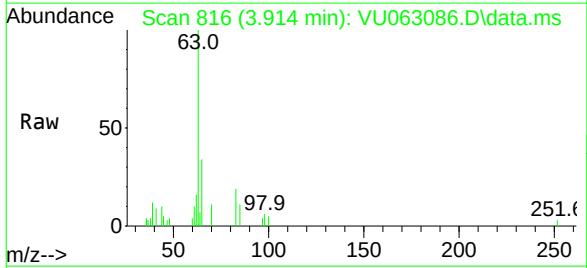
78 11.4 7.0 10.6#





#19
1,1-Dichloroethane
Concen: 0.919 ug/L
RT: 3.914 min Scan# 81
Delta R.T. 0.058 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

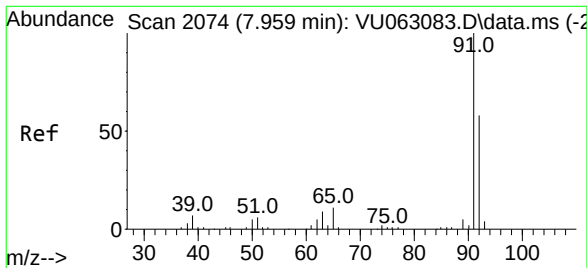
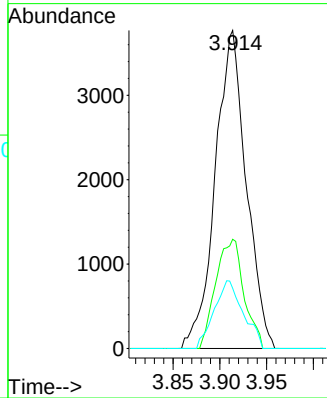
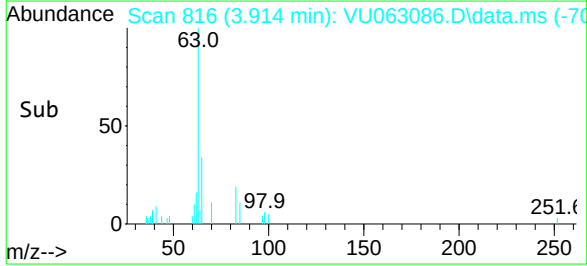
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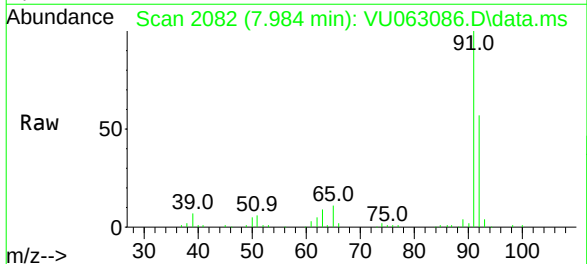
Tgt Ion: 63 Resp: 8680
Ion Ratio Lower Upper
63 100
65 34.3 20.7 38.5
83 18.9 10.5 19.5

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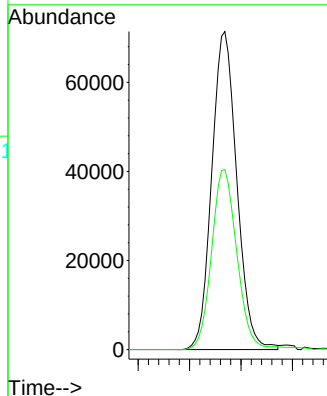
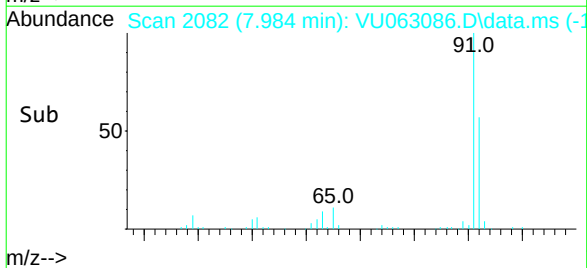
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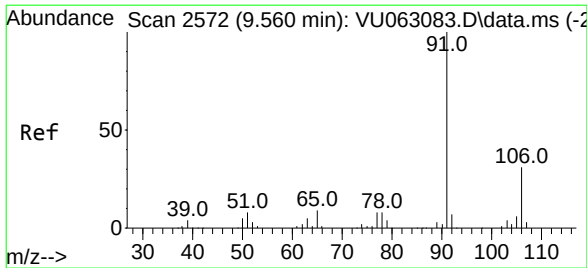


#42
Toluene
Concen: 4.649 ug/L
RT: 7.984 min Scan# 2082
Delta R.T. 0.026 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59



Tgt Ion: 91 Resp: 120631
Ion Ratio Lower Upper
91 100
92 56.6 40.4 75.0





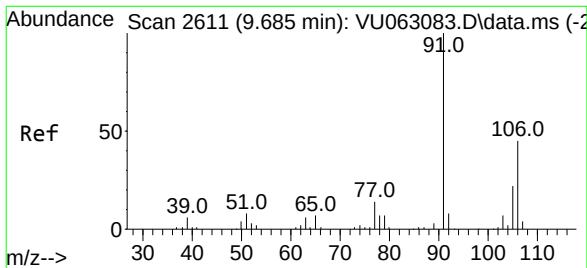
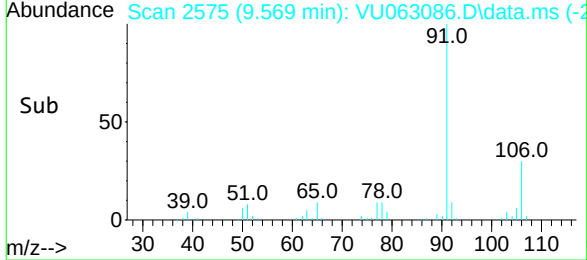
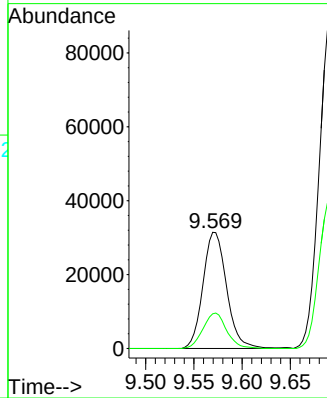
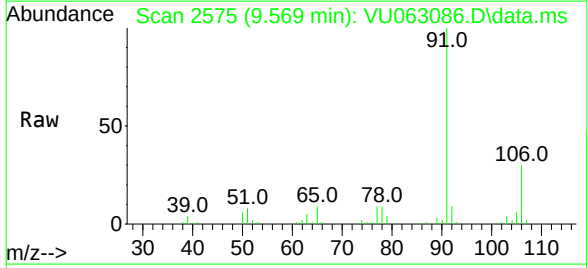
#52
Ethylbenzene
Concen: 1.771 ug/L
RT: 9.569 min Scan# 2572
Delta R.T. 0.010 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

Instrument :
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ClientSampleId :
E2966DL

Tgt Ion: 91 Resp: 53562
Ion Ratio Lower Upper
91 100
106 29.8 21.9 40.7

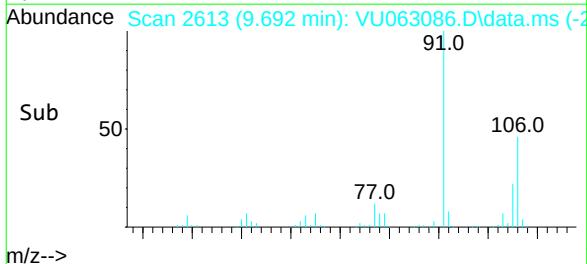
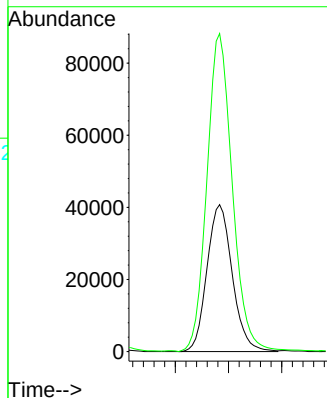
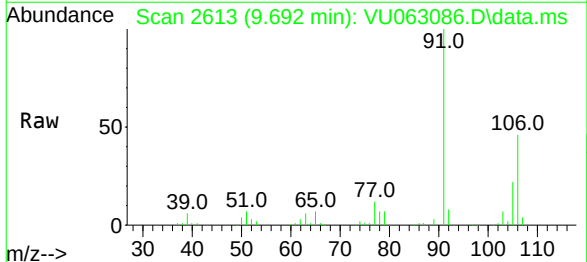
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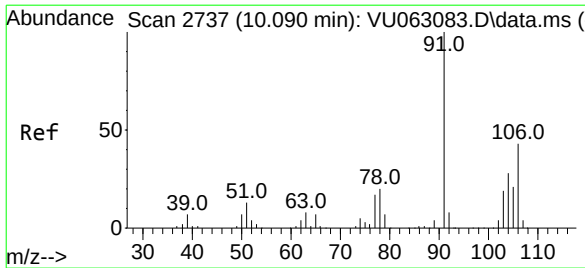
Reviewed By :Mahesh Dadoda 01/30/2025
Supervised By :Semsettin Yesilyurt 01/30/2025



#53
m,p-Xylene
Concen: 5.768 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU063086.D
Acq: 29 Jan 2025 11:59

Tgt Ion:106 Resp: 67360
Ion Ratio Lower Upper
106 100
91 216.5 153.1 284.3





#54

o-Xylene

Concen: 4.133 ug/L

RT: 10.097 min Scan# 2737

Delta R.T. 0.006 min

Lab File: VU063086.D

Acq: 29 Jan 2025 11:59

Instrument :

MSVOA_U

ClientSampleId :

E2966DL

Tgt Ion:106 Resp: 44222

Ion Ratio Lower Upper

106 100

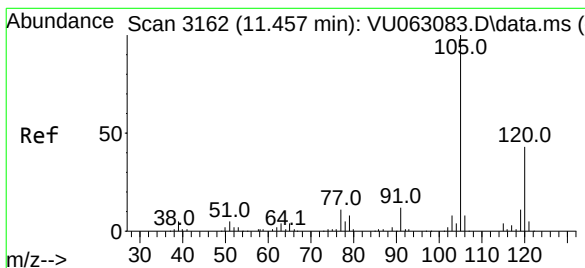
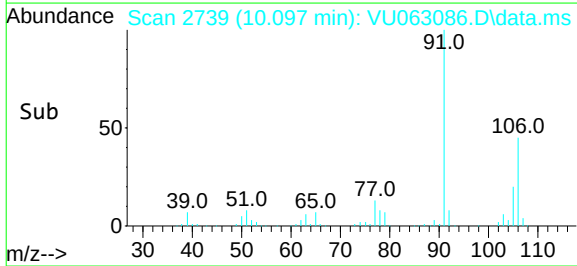
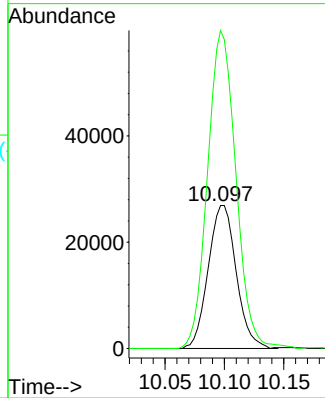
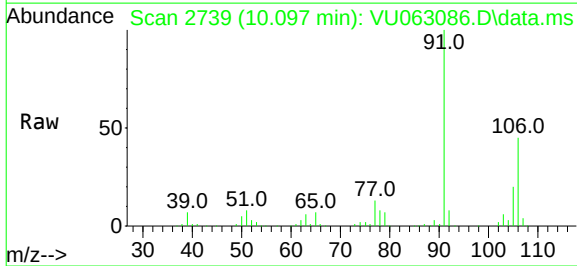
91 222.5 160.4 297.8

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#63

1,2,4-Trimethylbenzene

Concen: 0.448 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.006 min

Lab File: VU063086.D

Acq: 29 Jan 2025 11:59

Tgt Ion:105 Resp: 13288

Ion Ratio Lower Upper

105 100

120 42.3 34.2 51.2

