

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062998.D
 Acq On : 24 Jan 2025 17:17
 Operator : MD/SY
 Sample : Q1174-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2940

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2025
 Supervised By : Mahesh Dadoda 01/27/2025

Quant Time: Jan 24 19:08:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 24 19:02:27 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.335	114	98448	5.000	ug/L	0.10
28) Chlorobenzene-d5	9.428	117	91230	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.807	152	45942	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.676	65	28412	5.211	ug/L	0.08
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.200%			
7) Chloroethane-d5	1.994	69	17953	4.093	ug/L	0.09
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.800%			
11) 1,1-Dichloroethene-d2	2.653	65	10001	3.541	ug/L	0.10
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.800%			
20) 2-Butanone-d5	4.782	46	33176	29.771	ug/L	0.17
Spiked Amount 50.000	Range 40 - 130		Recovery = 59.540%			
24) Chloroform-d	5.113	84	44374	3.308	ug/L	0.06
Spiked Amount 5.000	Range 70 - 125		Recovery = 66.200%#			
26) 1,2-Dichloroethane-d4	5.788	65	30509	4.193	ug/L	0.10
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.800%			
32) Benzene-d6	5.808	84	96500	4.327	ug/L	0.09
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.600%			
36) 1,2-Dichloropropane-d6	6.762	67	29470	4.766	ug/L	0.08
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.400%			
41) Toluene-d8	7.933	98	92388	4.252	ug/L	0.05
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.000%			
43) trans-1,3-Dichloroprop...	8.209	79	12624	4.096	ug/L	0.04
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.000%			
46) 2-Hexanone-d5	8.659	63	40812	42.102	ug/L	0.04
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.200%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	22864	4.415	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	33517	4.385	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.800%			
Target Compounds					Qvalue	
13) Acetone	2.849	43	56945m	64.506	ug/L	
14) Carbon disulfide	2.875	76	18537	0.950	ug/L	97
16) Methylene chloride	3.139	84	51019	7.621	ug/L	93
19) 1,1-Dichloroethane	3.962	63	87975	7.515	ug/L	96
21) 2-Butanone	4.853	43	26869	22.854	ug/L	94
33) Benzene	5.859	78	71241	2.718	ug/L	100
40) 4-Methyl-2-pentanone	7.840	43	27915	9.665	ug/L	94
42) Toluene	8.004	91	203731	7.093	ug/L	100
52) Ethylbenzene	9.579	91	80510	2.470	ug/L	100
53) m,p-Xylene	9.701	106	50343	4.130	ug/L	95
54) o-Xylene	10.103	106	28652	2.454	ug/L	90
55) Styrene	10.119	104	59348	3.039	ug/L	95
62) 1,3,5-Trimethylbenzene	11.087	105	9394	0.349	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	25035	0.962	ug/L	95

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

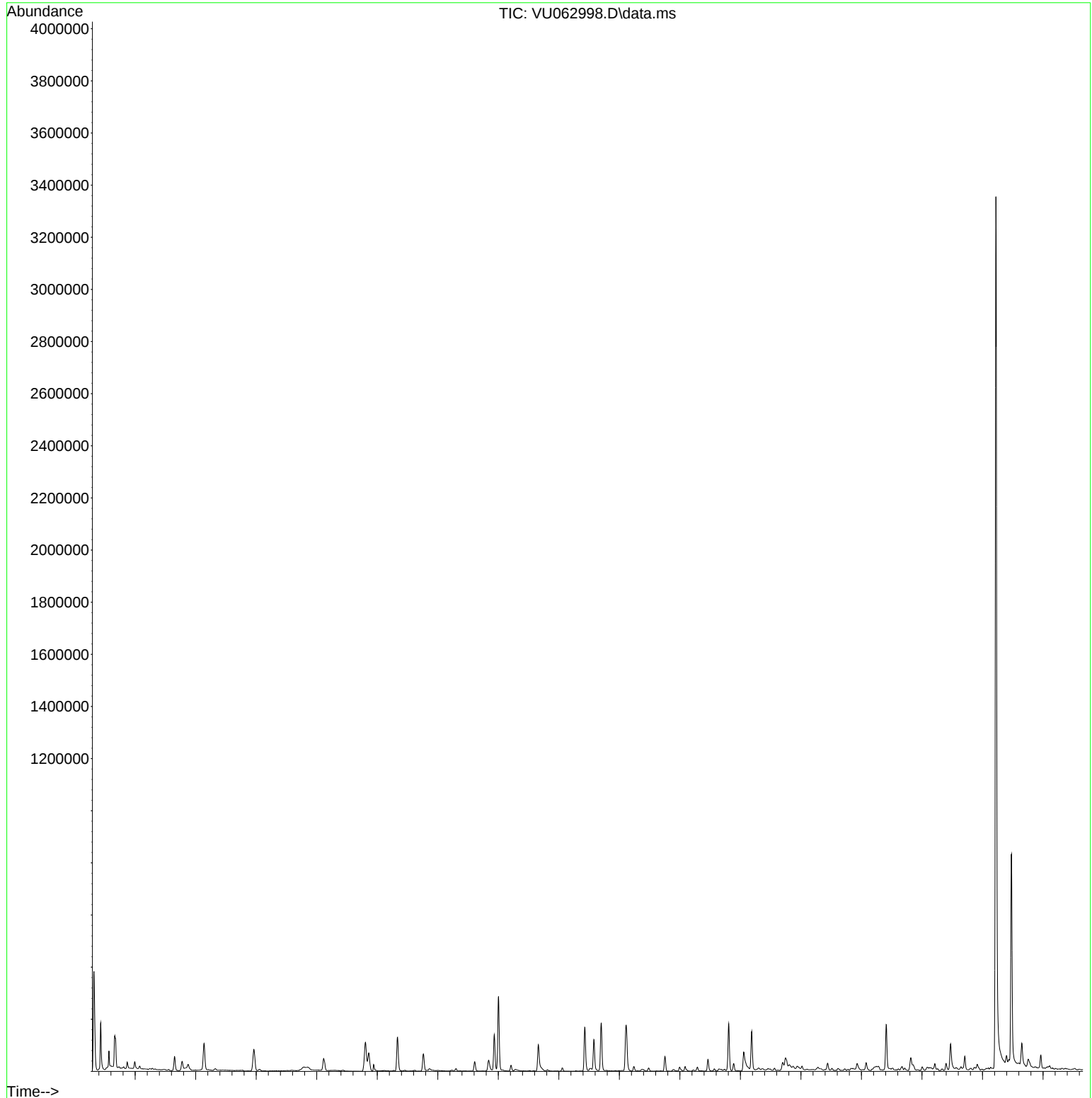
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
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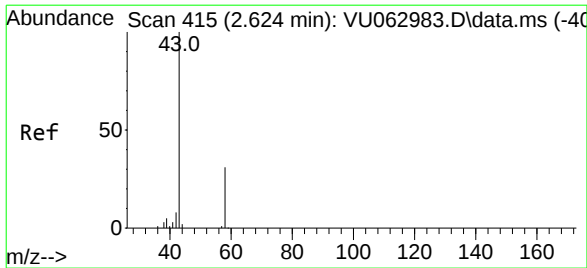
Instrument :
MSVOA_U
ClientSampleId :
E2940

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#13

Acetone

Concen: 64.506 ug/L m

RT: 2.849 min Scan# 48

Delta R.T. 0.225 min

Lab File: VU062998.D

Acq: 24 Jan 2025 17:17

Instrument :

MSVOA_U

ClientSampleId :

E2940

Tgt Ion: 43 Resp: 56945

Ion Ratio Lower Upper

43 100

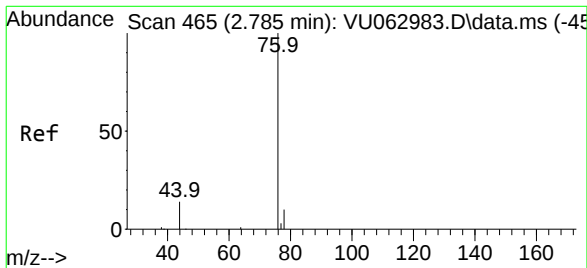
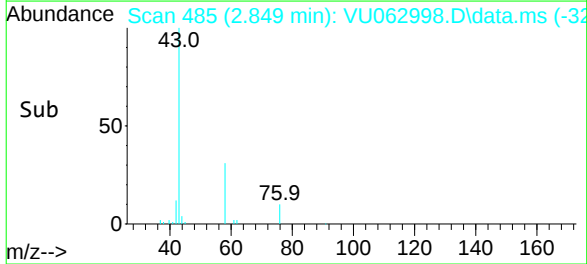
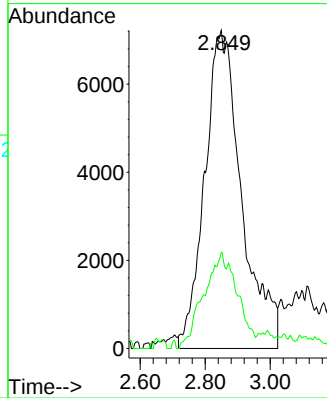
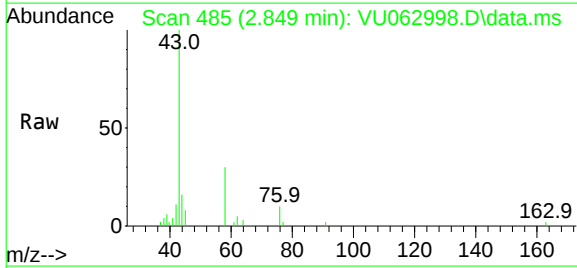
58 17.8 0.0 64.4

Manual Integrations

APPROVED

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#14

Carbon disulfide

Concen: 0.950 ug/L

RT: 2.875 min Scan# 493

Delta R.T. 0.090 min

Lab File: VU062998.D

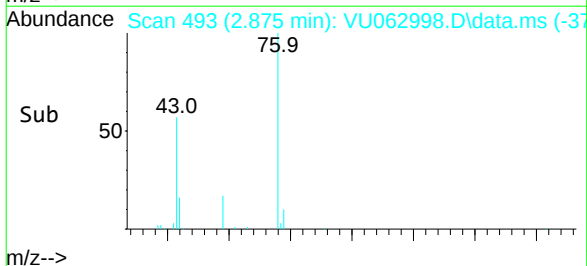
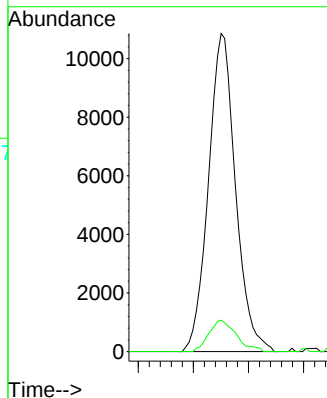
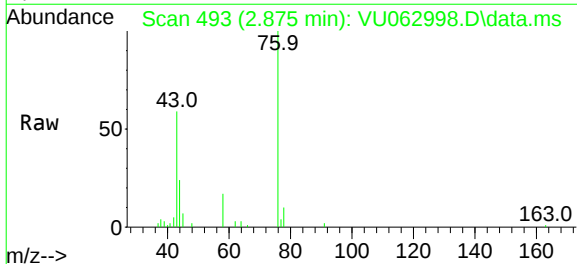
Acq: 24 Jan 2025 17:17

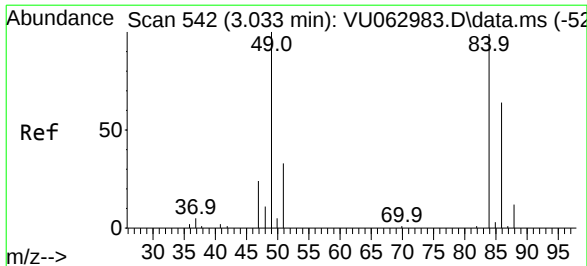
Tgt Ion: 76 Resp: 18537

Ion Ratio Lower Upper

76 100

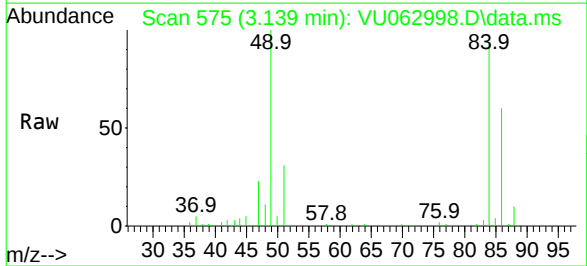
78 9.9 7.0 10.6





#16
Methylene chloride
Concen: 7.621 ug/L
RT: 3.139 min Scan# 571
Delta R.T. 0.106 min
Lab File: VU062998.D
Acq: 24 Jan 2025 17:17

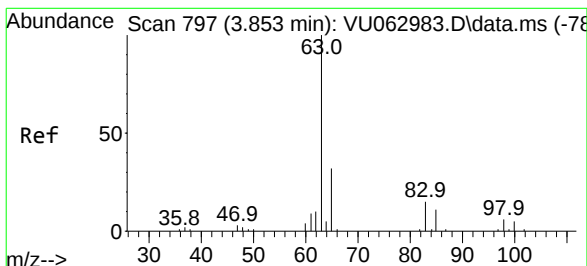
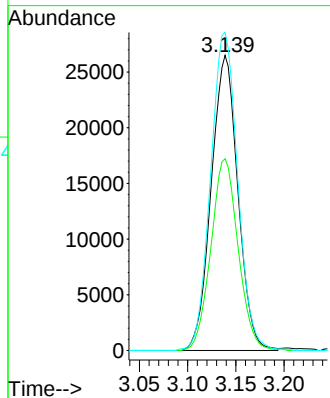
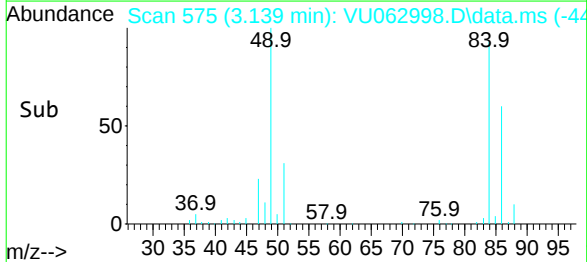
Instrument :
MSVOA_U
ClientSampleId :
E2940



Tgt Ion	Ratio	Lower	Upper
84	100		
86	65.0	44.7	83.1
49	107.8	68.3	126.9

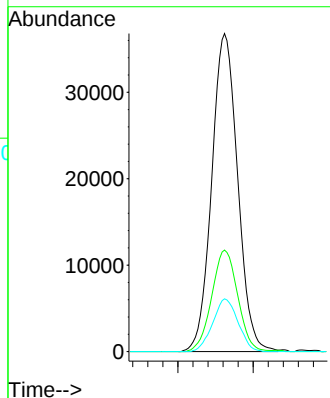
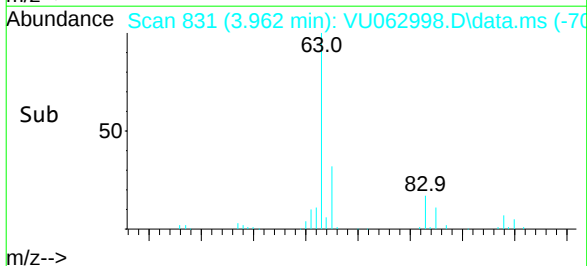
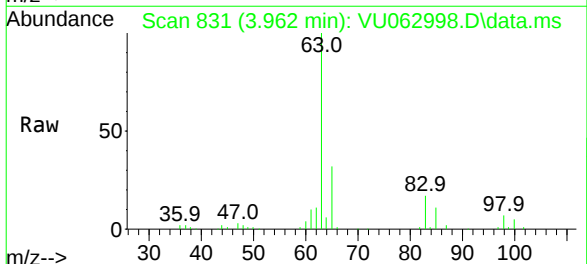
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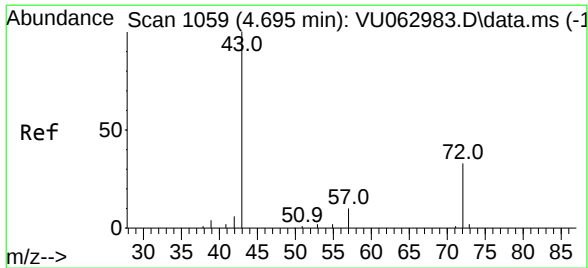
Reviewed By :John Carlone 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#19
1,1-Dichloroethane
Concen: 7.515 ug/L
RT: 3.962 min Scan# 831
Delta R.T. 0.109 min
Lab File: VU062998.D
Acq: 24 Jan 2025 17:17

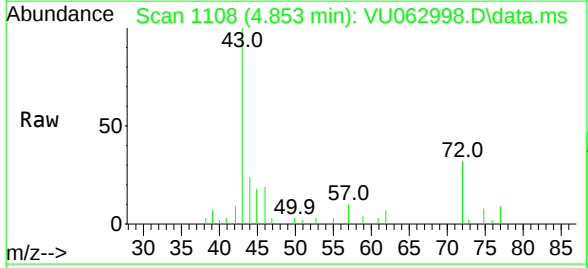
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.9	20.7	38.5
83	16.6	10.5	19.5





#21
2-Butanone
Concen: 22.854 ug/L
RT: 4.853 min Scan# 111
Delta R.T. 0.158 min
Lab File: VU062998.D
Acq: 24 Jan 2025 17:17

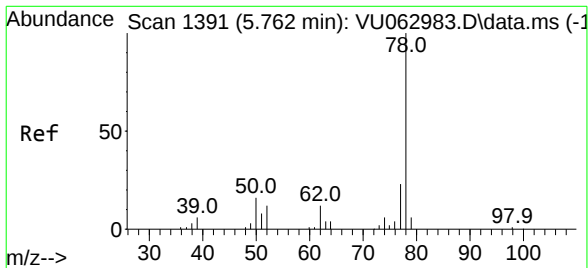
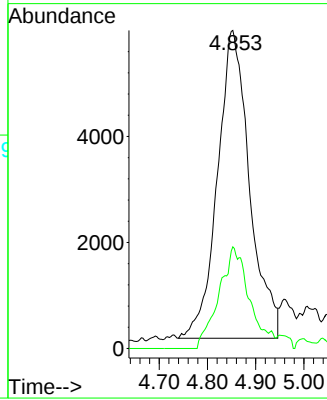
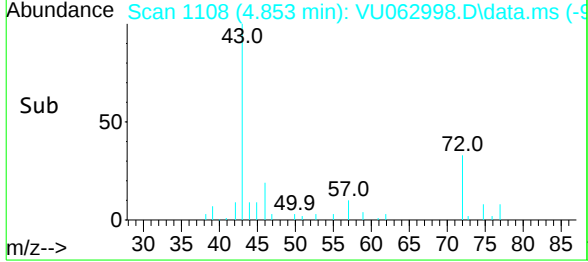
Instrument :
MSVOA_U
ClientSampleId :
E2940



Tgt Ion: 43 Resp: 26869
Ion Ratio Lower Upper
43 100
72 30.5 17.1 51.2

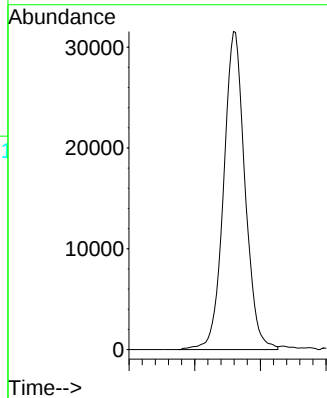
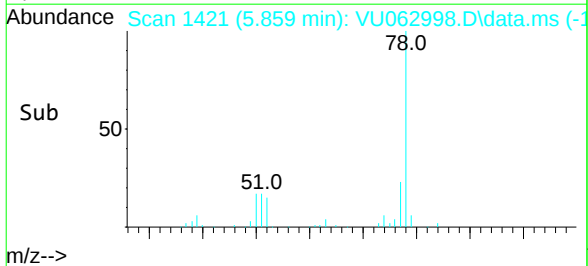
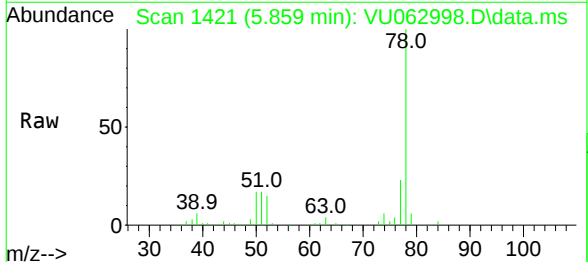
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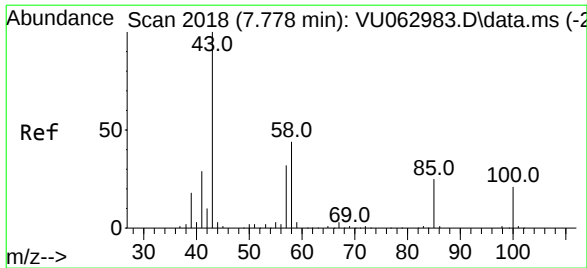
Reviewed By :John Carlone 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#33
Benzene
Concen: 2.718 ug/L
RT: 5.859 min Scan# 1421
Delta R.T. 0.096 min
Lab File: VU062998.D
Acq: 24 Jan 2025 17:17

Tgt Ion: 78 Resp: 71241





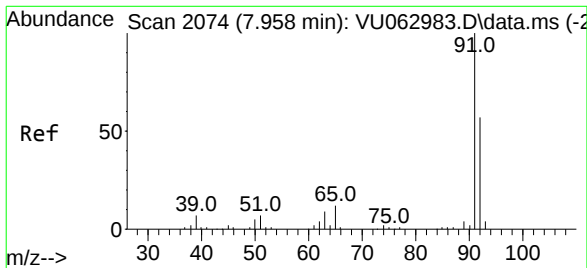
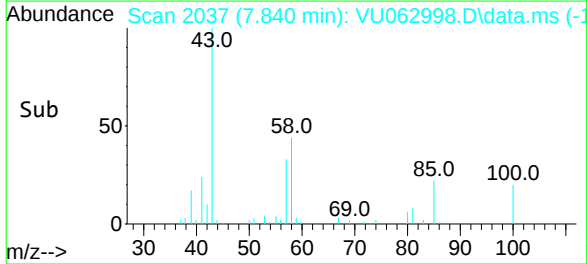
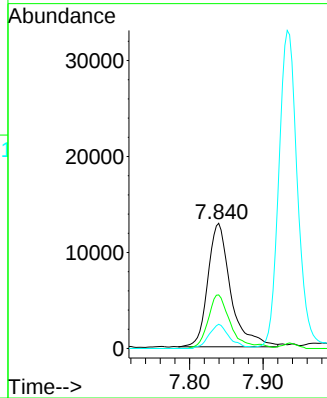
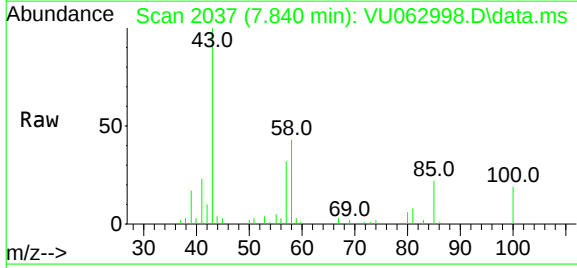
#40
4-Methyl-2-pentanone
Concen: 9.665 ug/L
RT: 7.840 min Scan# 2087
Delta R.T. 0.061 min
Lab File: VU062998.D
Acq: 24 Jan 2025 17:17

Instrument :
MSVOA_U
ClientSampleId :
E2940

Tgt Ion: 43 Resp: 27915
Ion Ratio Lower Upper
43 100
58 41.3 35.8 53.8
100 17.7 16.8 25.2

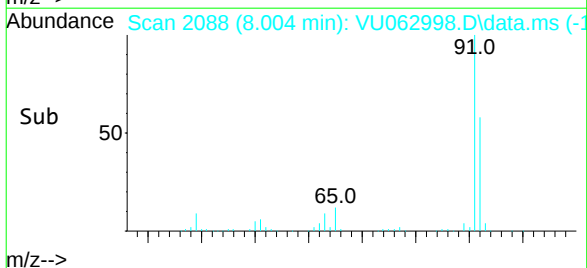
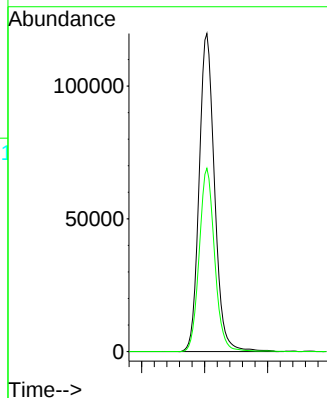
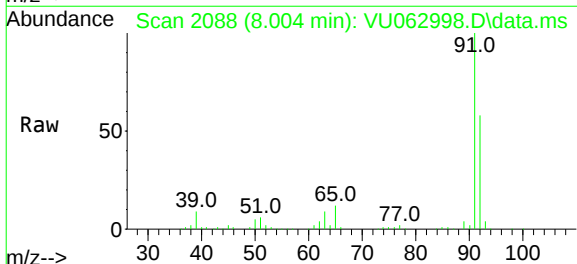
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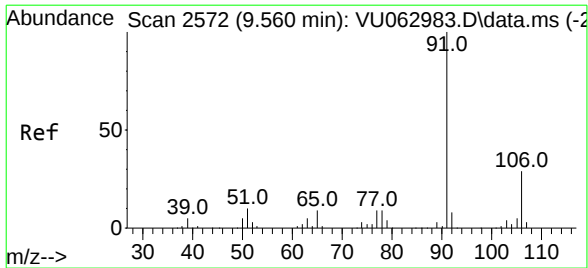
Reviewed By :John Carlone 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#42
Toluene
Concen: 7.093 ug/L
RT: 8.004 min Scan# 2088
Delta R.T. 0.045 min
Lab File: VU062998.D
Acq: 24 Jan 2025 17:17

Tgt Ion: 91 Resp: 203731
Ion Ratio Lower Upper
91 100
92 57.6 40.4 75.0





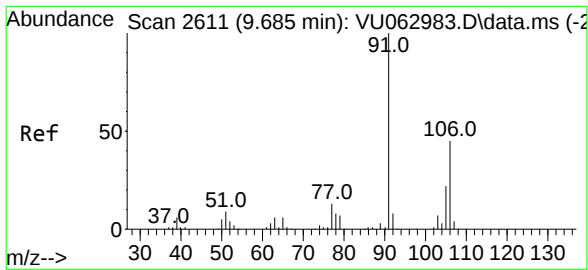
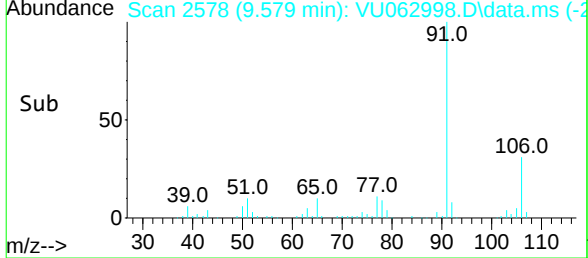
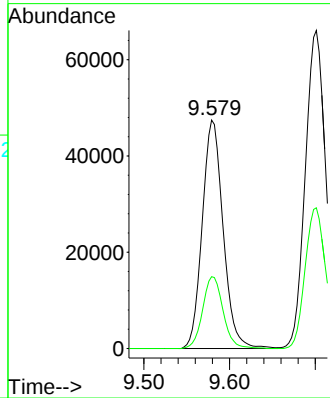
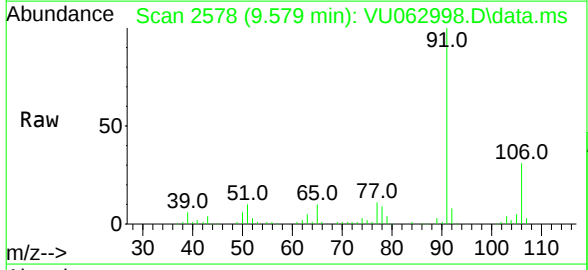
#52
Ethylbenzene
Concen: 2.470 ug/L
RT: 9.579 min Scan# 2572
Delta R.T. 0.019 min
Lab File: VU062998.D
Acq: 24 Jan 2025 17:17

Instrument :
MSVOA_U
ClientSampleId :
E2940

Tgt Ion: 91 Resp: 80510
Ion Ratio Lower Upper
91 100
106 31.4 21.9 40.7

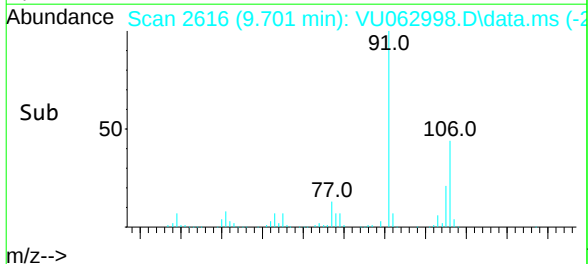
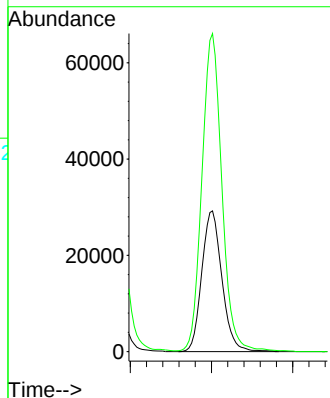
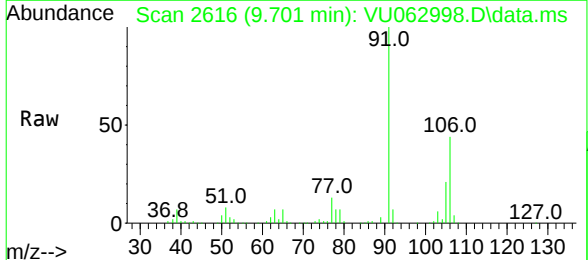
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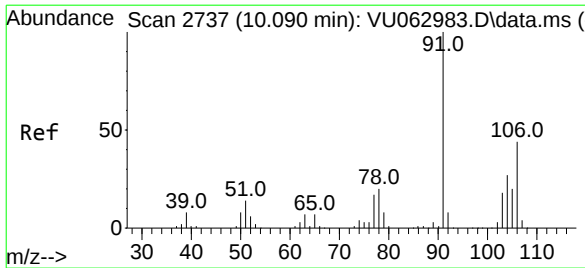
Reviewed By :John Carlone 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#53
m,p-Xylene
Concen: 4.130 ug/L
RT: 9.701 min Scan# 2616
Delta R.T. 0.016 min
Lab File: VU062998.D
Acq: 24 Jan 2025 17:17

Tgt Ion:106 Resp: 50343
Ion Ratio Lower Upper
106 100
91 226.1 153.1 284.3





#54

o-Xylene

Concen: 2.454 ug/L

RT: 10.103 min Scan# 2737

Delta R.T. 0.013 min

Lab File: VU062998.D

Acq: 24 Jan 2025 17:17

Instrument :

MSVOA_U

ClientSampleId :

E2940

Tgt Ion:106 Resp: 28652

Ion Ratio Lower Upper

106 100

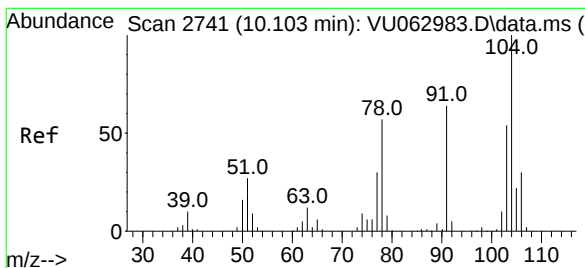
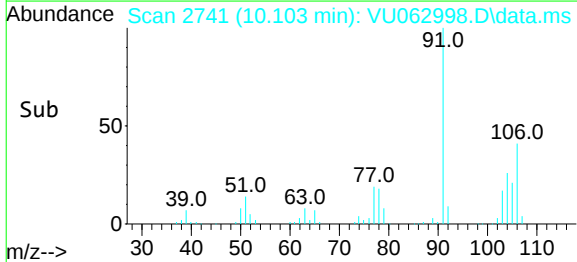
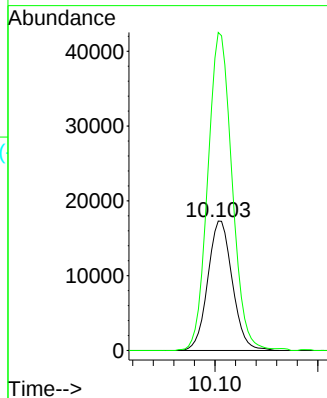
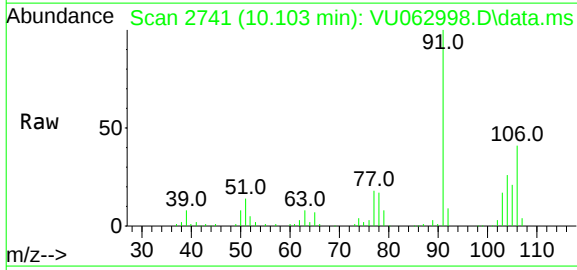
91 245.7 160.4 297.8

Manual Integrations

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#55

Styrene

Concen: 3.039 ug/L

RT: 10.119 min Scan# 2746

Delta R.T. 0.016 min

Lab File: VU062998.D

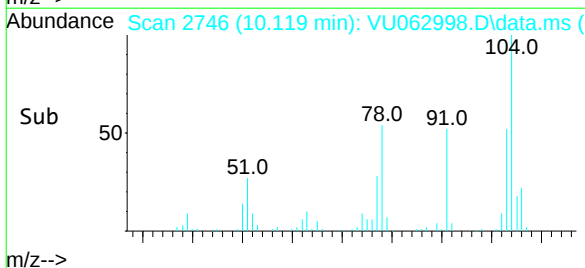
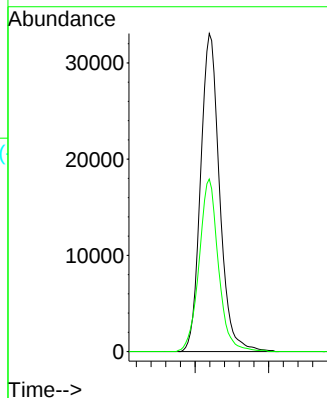
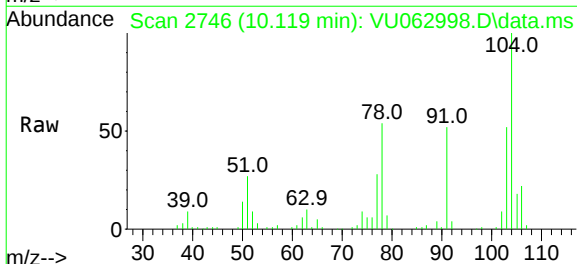
Acq: 24 Jan 2025 17:17

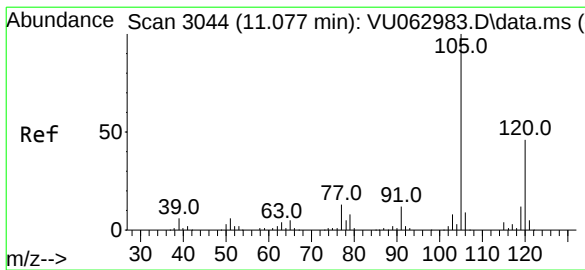
Tgt Ion:104 Resp: 59348

Ion Ratio Lower Upper

104 100

78 54.3 35.5 65.9





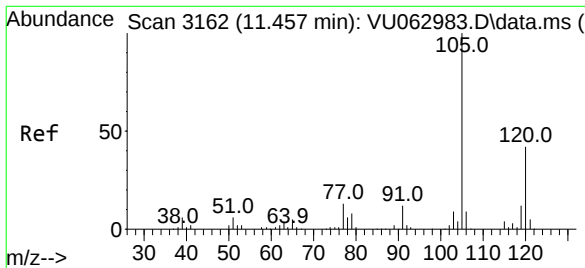
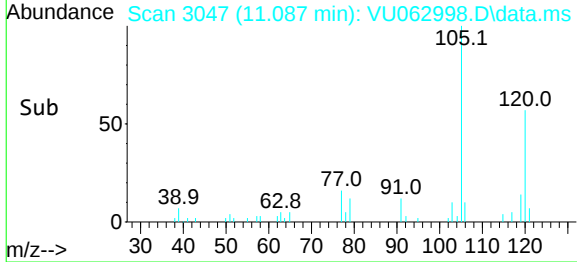
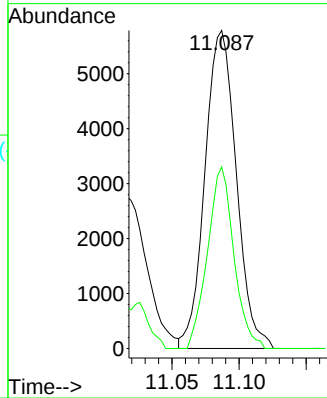
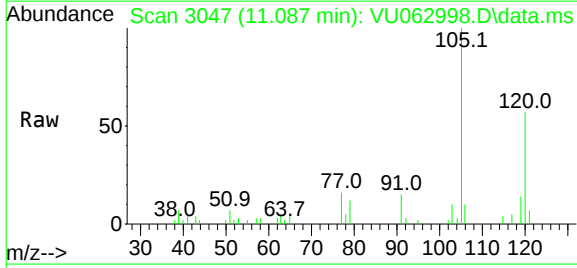
#62
1,3,5-Trimethylbenzene
Concen: 0.349 ug/L
RT: 11.087 min Scan# 3044
Delta R.T. 0.010 min
Lab File: VU062998.D
Acq: 24 Jan 2025 17:17

Instrument :
MSVOA_U
ClientSampleId :
E2940

Tgt Ion:105 Resp: 9394
Ion Ratio Lower Upper
105 100
120 48.0 35.9 53.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#63
1,2,4-Trimethylbenzene
Concen: 0.962 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.006 min
Lab File: VU062998.D
Acq: 24 Jan 2025 17:17

Tgt Ion:105 Resp: 25035
Ion Ratio Lower Upper
105 100
120 39.7 34.2 51.2

