

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062996.D
 Acq On : 24 Jan 2025 16:27
 Operator : MD/SY
 Sample : Q1174-08
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2938

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 19:07:28 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	6.357	114	120271	5.000	ug/L	0.12
28) Chlorobenzene-d5	9.434	117	108328	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.810	152	54415	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.724	65	29164	4.378	ug/L	0.13
Spiked Amount 5.000	Range 40 - 130		Recovery =	87.600%		
7) Chloroethane-d5	2.046	69	17723	3.308	ug/L	0.14
Spiked Amount 5.000	Range 65 - 130		Recovery =	66.200%		
11) 1,1-Dichloroethene-d2	2.708	65	11223	3.252	ug/L	0.15
Spiked Amount 5.000	Range 60 - 125		Recovery =	65.000%		
20) 2-Butanone-d5	4.833	46	34780m	25.547	ug/L	0.22
Spiked Amount 50.000	Range 40 - 130		Recovery =	51.100%		
24) Chloroform-d	5.168	84	53829	3.285	ug/L	0.12
Spiked Amount 5.000	Range 70 - 125		Recovery =	65.600%#		
26) 1,2-Dichloroethane-d4	5.849	65	36452	4.101	ug/L	0.16
Spiked Amount 5.000	Range 70 - 130		Recovery =	82.000%		
32) Benzene-d6	5.865	84	124082	4.686	ug/L	0.15
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.800%		
36) 1,2-Dichloropropane-d6	6.782	67	40002	5.448	ug/L	0.10
Spiked Amount 5.000	Range 60 - 140		Recovery =	109.000%		
41) Toluene-d8	7.946	98	109798	4.256	ug/L	0.06
Spiked Amount 5.000	Range 70 - 130		Recovery =	85.200%		
43) trans-1,3-Dichloroprop...	8.222	79	15140	4.137	ug/L	0.05
Spiked Amount 5.000	Range 55 - 130		Recovery =	82.800%		
46) 2-Hexanone-d5	8.669	63	47766	41.499	ug/L	0.05
Spiked Amount 50.000	Range 45 - 130		Recovery =	83.000%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	28484	4.632	ug/L	0.01
Spiked Amount 5.000	Range 65 - 120		Recovery =	92.600%		
66) 1,2-Dichlorobenzene-d4	12.190	152	37352	4.126	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	82.600%		
Target Compounds					Qvalue	
13) Acetone	2.911	43	131816m	122.225	ug/L	
14) Carbon disulfide	2.936	76	13808	0.579	ug/L	99
19) 1,1-Dichloroethane	4.029	63	3617	0.253	ug/L	89
21) 2-Butanone	4.917	43	17575	12.236	ug/L	79
40) 4-Methyl-2-pentanone	7.852	43	30821	8.987	ug/L #	95
42) Toluene	8.016	91	21575	0.633	ug/L	93
52) Ethylbenzene	9.589	91	6681	0.173	ug/L	98
53) m,p-Xylene	9.704	106	9244	0.639	ug/L	98
54) o-Xylene	10.110	106	8784	0.634	ug/L	88
63) 1,2,4-Trimethylbenzene	11.466	105	22177	0.719	ug/L	92

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

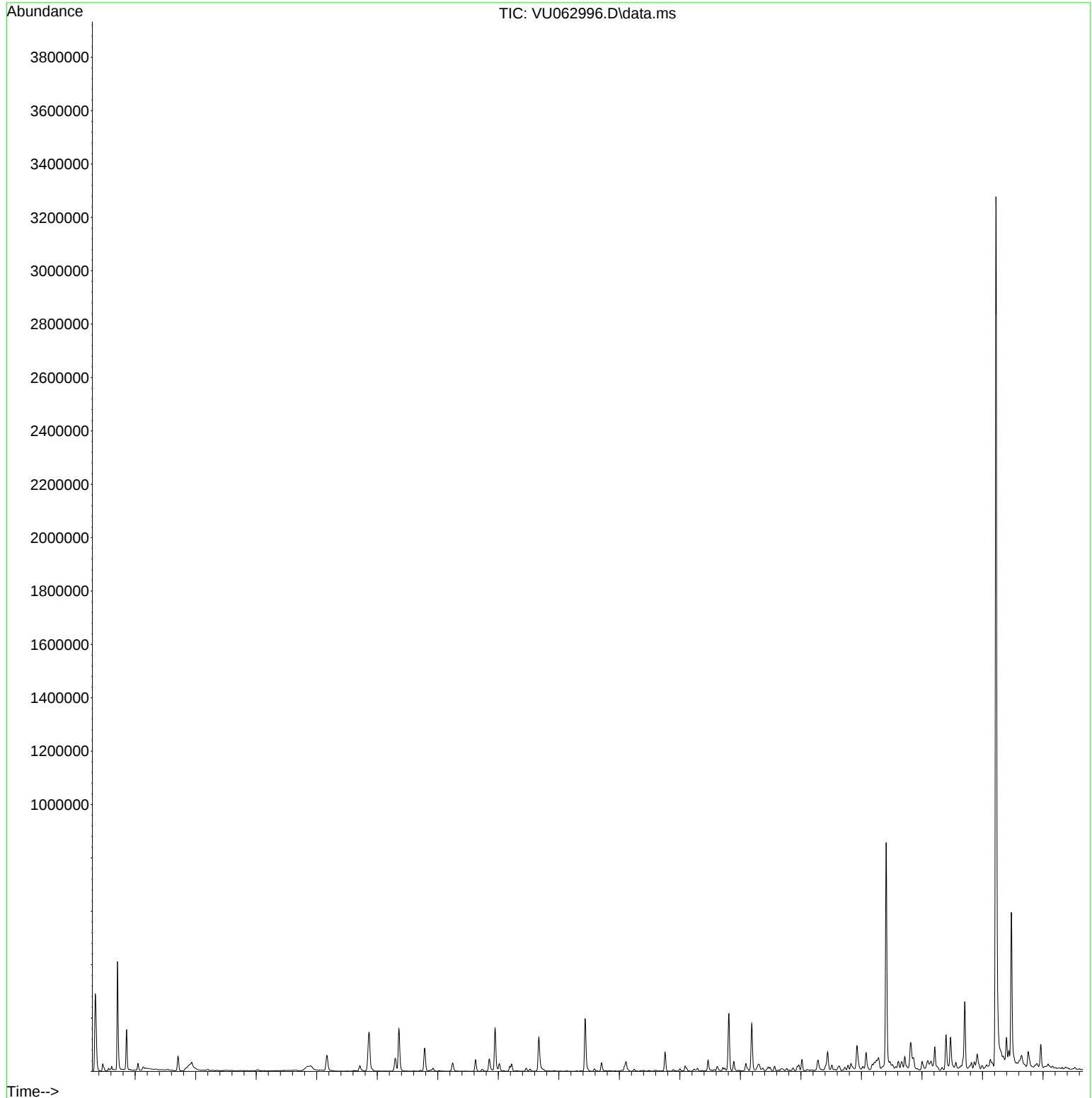
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
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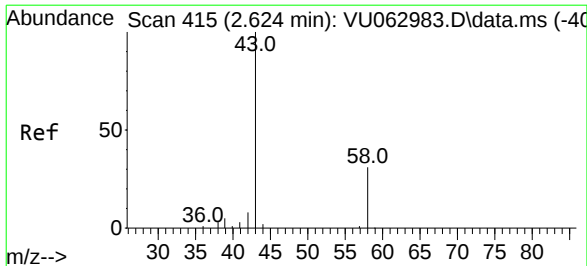
Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 19:02:27 2025
Response via : Initial Calibration





#13

Acetone

Concen: 122.225 ug/L m

RT: 2.911 min Scan# 50

Delta R.T. 0.286 min

Lab File: VU062996.D

Acq: 24 Jan 2025 16:27

Instrument :

MSVOA_U

ClientSampleId :

E2938

Tgt Ion: 43 Resp: 131816

Ion Ratio Lower Upper

43 100

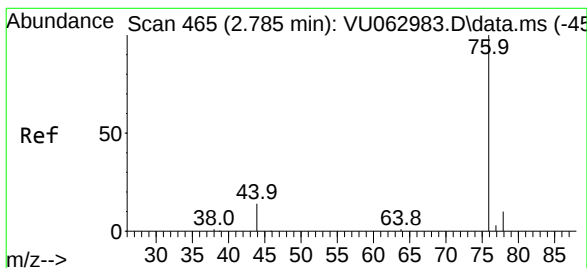
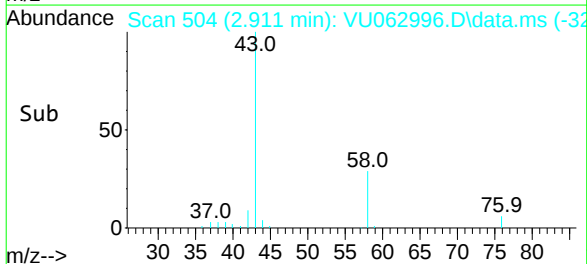
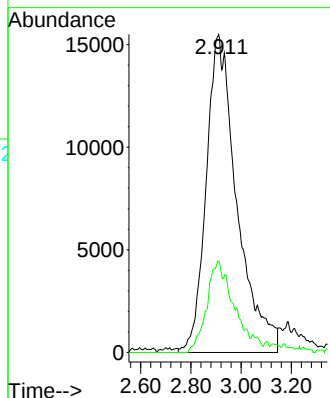
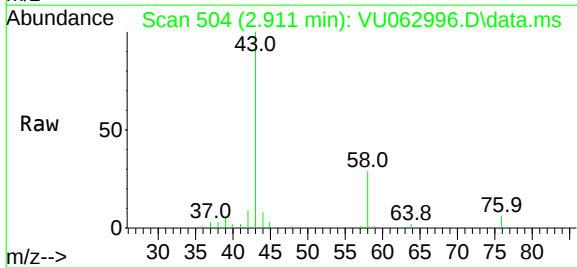
58 0.0 0.0 64.4

Manual Integrations

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#14

Carbon disulfide

Concen: 0.579 ug/L

RT: 2.936 min Scan# 512

Delta R.T. 0.151 min

Lab File: VU062996.D

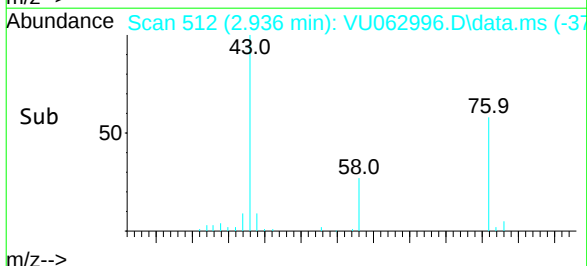
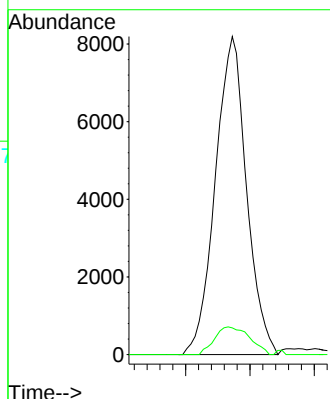
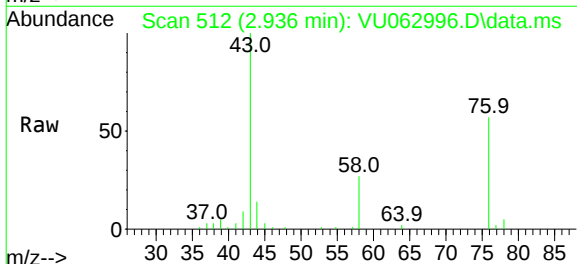
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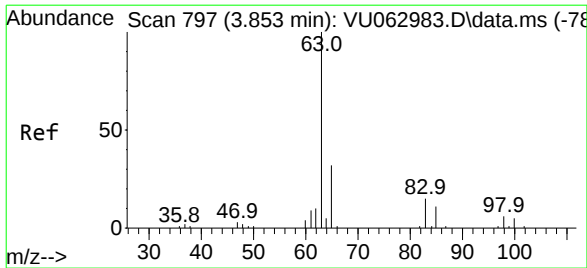
Tgt Ion: 76 Resp: 13808

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.6





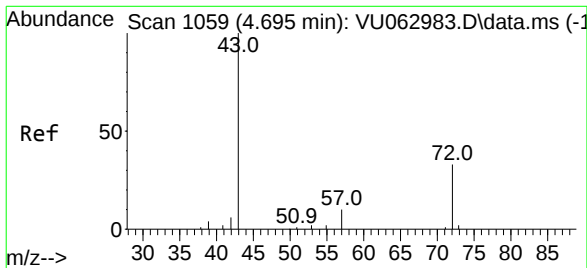
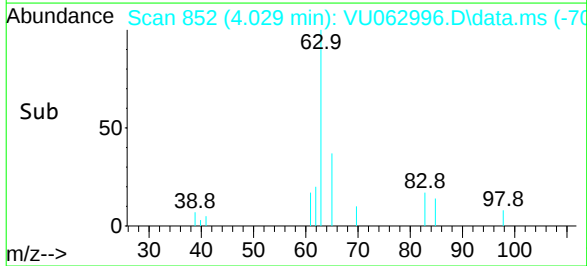
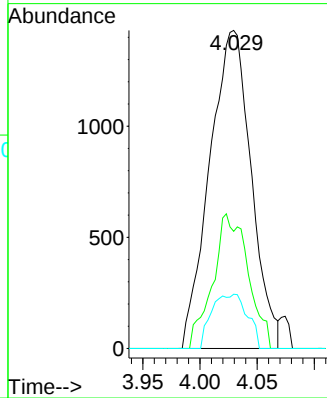
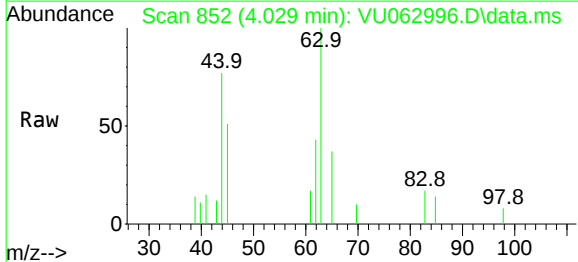
#19
1,1-Dichloroethane
Concen: 0.253 ug/L
RT: 4.029 min Scan# 85
Delta R.T. 0.177 min
Lab File: VU062996.D
Acq: 24 Jan 2025 16:27

Instrument :
MSVOA_U
ClientSampleId :
E2938

Tgt Ion	Ratio	Lower	Upper
63	100		
65	36.8	20.7	38.5
83	17.1	10.5	19.5

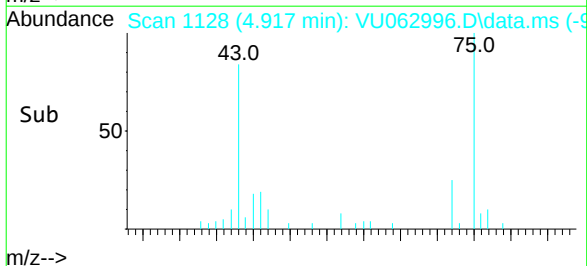
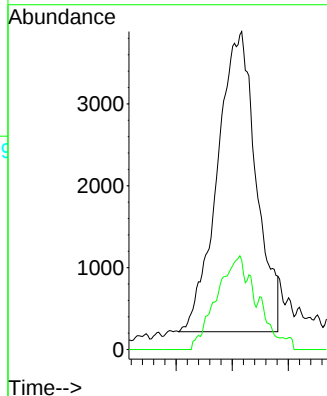
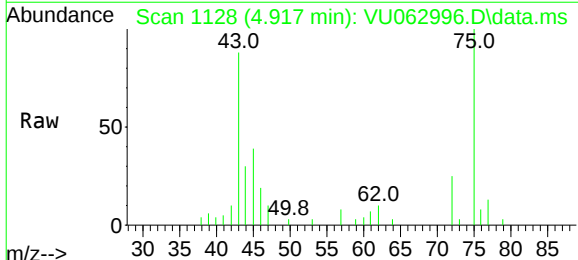
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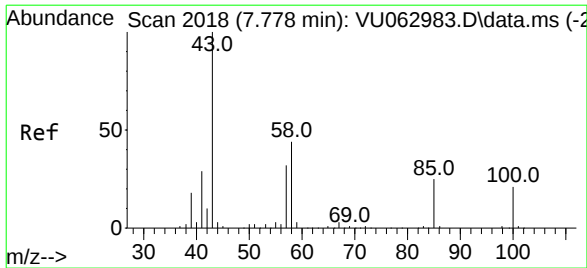
Reviewed By :John Carlone 01/27/2025
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#21
2-Butanone
Concen: 12.236 ug/L
RT: 4.917 min Scan# 1128
Delta R.T. 0.222 min
Lab File: VU062996.D
Acq: 24 Jan 2025 16:27

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.9	17.1	51.2





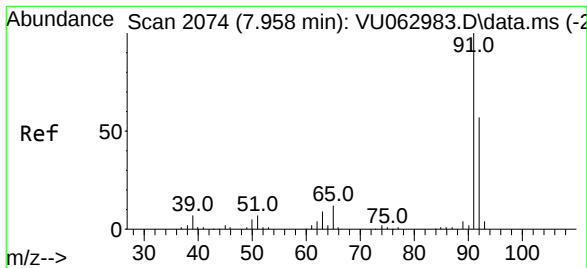
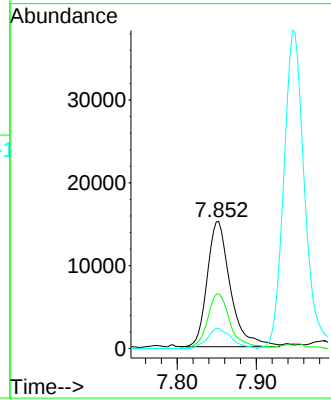
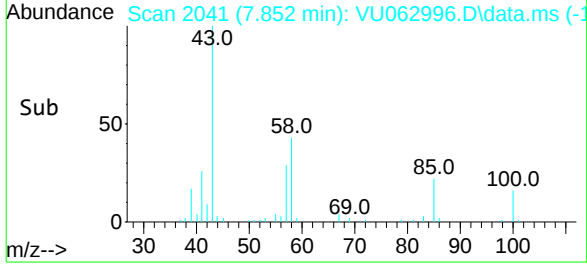
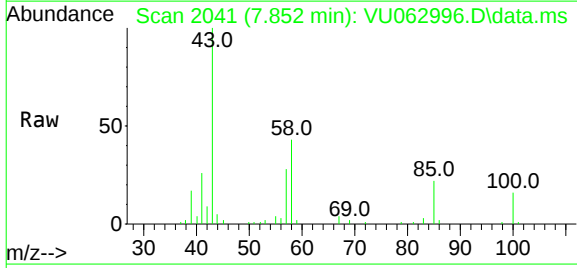
#40
4-Methyl-2-pentanone
Concen: 8.987 ug/L
RT: 7.852 min Scan# 2018
Delta R.T. 0.074 min
Lab File: VU062996.D
Acq: 24 Jan 2025 16:27

Instrument :
MSVOA_U
ClientSampleId :
E2938

Tgt Ion: 43	Resp: 30821
Ion Ratio	Lower Upper
43 100	
58 43.4	35.8 53.8
100 16.5	16.8 25.2

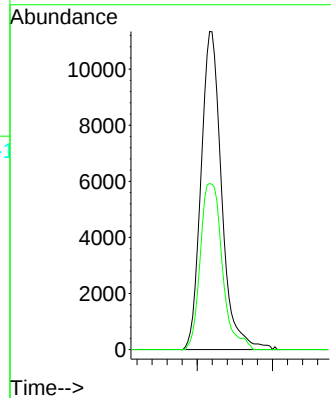
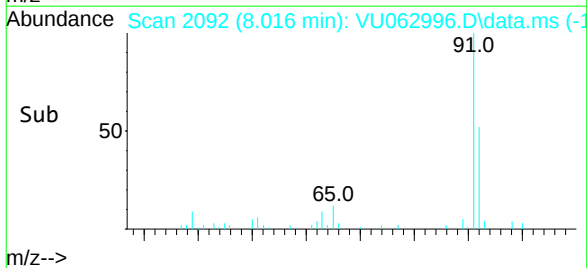
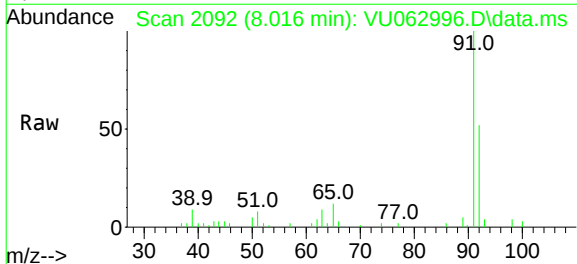
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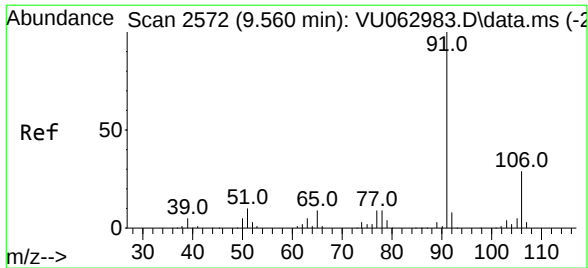
Reviewed By :John Carlone 01/27/2025
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#42
Toluene
Concen: 0.633 ug/L
RT: 8.016 min Scan# 2092
Delta R.T. 0.058 min
Lab File: VU062996.D
Acq: 24 Jan 2025 16:27

Tgt Ion: 91	Resp: 21575
Ion Ratio	Lower Upper
91 100	
92 52.2	40.4 75.0





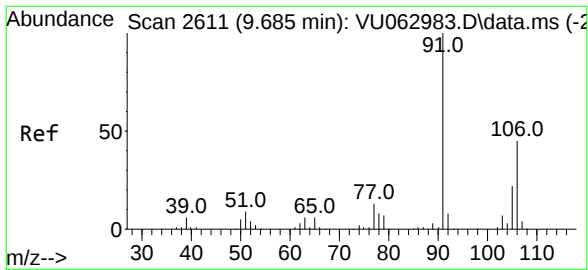
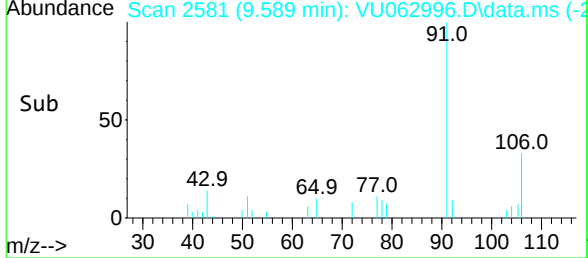
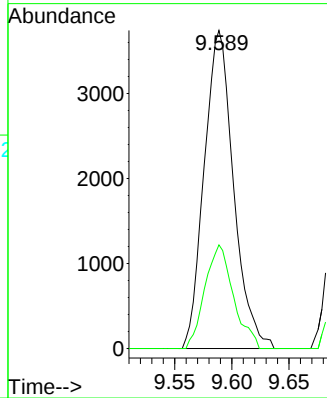
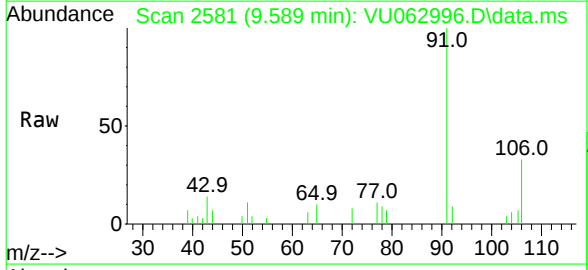
#52
Ethylbenzene
Concen: 0.173 ug/L
RT: 9.589 min Scan# 2517
Delta R.T. 0.029 min
Lab File: VU062996.D
Acq: 24 Jan 2025 16:27

Instrument :
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ClientSampleId :
E2938

Tgt Ion: 91 Resp: 6681
Ion Ratio Lower Upper
91 100
106 32.6 21.9 40.7

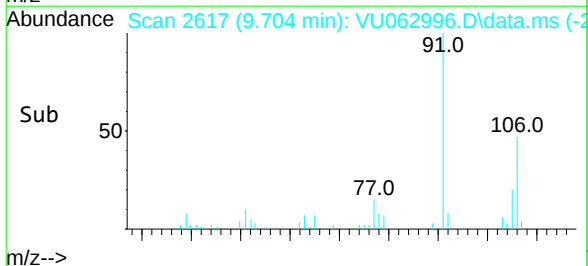
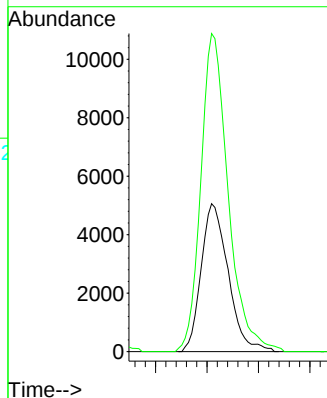
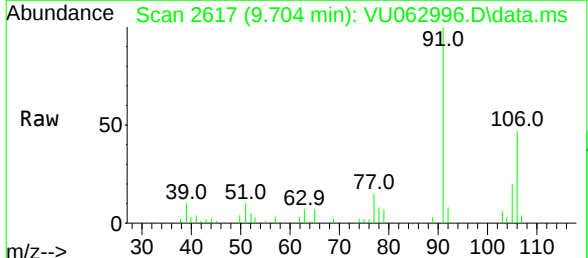
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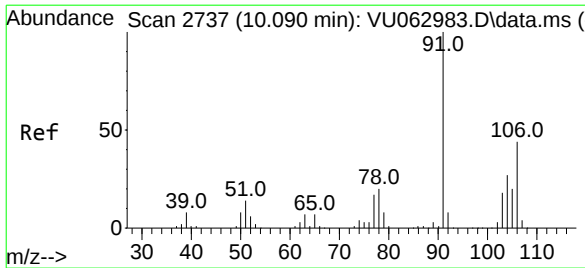
Reviewed By :John Carlone 01/27/2025
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#53
m,p-Xylene
Concen: 0.639 ug/L
RT: 9.704 min Scan# 2617
Delta R.T. 0.019 min
Lab File: VU062996.D
Acq: 24 Jan 2025 16:27

Tgt Ion:106 Resp: 9244
Ion Ratio Lower Upper
106 100
91 215.0 153.1 284.3





#54

o-Xylene

Concen: 0.634 ug/L

RT: 10.110 min Scan# 2737

Delta R.T. 0.019 min

Lab File: VU062996.D

Acq: 24 Jan 2025 16:27

Instrument :

MSVOA_U

ClientSampleId :

E2938

Tgt Ion:106 Resp: 8784

Ion Ratio Lower Upper

106 100

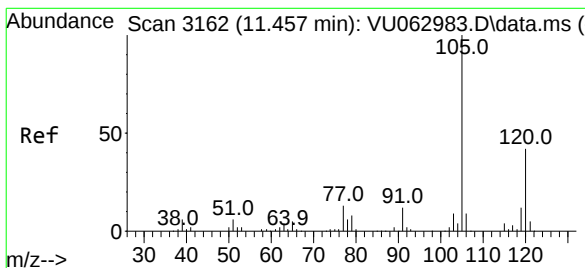
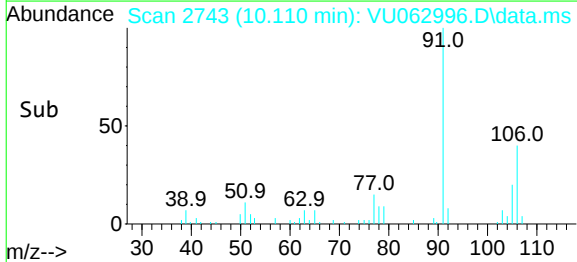
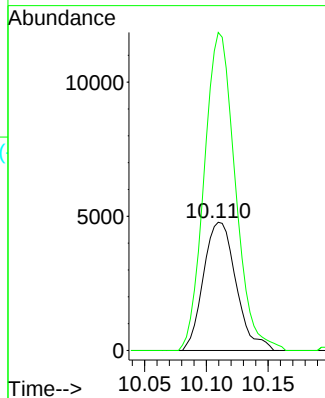
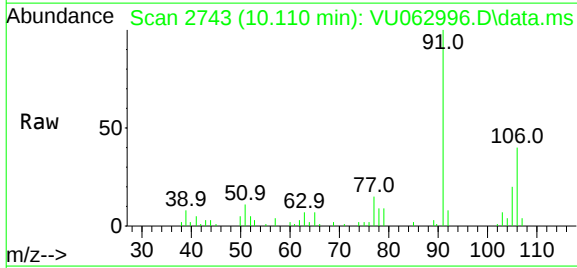
91 248.1 160.4 297.8

Manual Integrations

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#63

1,2,4-Trimethylbenzene

Concen: 0.719 ug/L

RT: 11.466 min Scan# 3165

Delta R.T. 0.010 min

Lab File: VU062996.D

Acq: 24 Jan 2025 16:27

Tgt Ion:105 Resp: 22177

Ion Ratio Lower Upper

105 100

120 37.3 34.2 51.2

