

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062995.D
 Acq On : 24 Jan 2025 16:03
 Operator : MD/SY
 Sample : Q1174-07
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2937

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 19:07:05 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	6.386	114	114627	5.000	ug/L	0.15
28) Chlorobenzene-d5	9.444	117	104320	5.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	11.811	152	48846	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.708	65	21909	3.451	ug/L	0.12
Spiked Amount 5.000	Range 40 - 130		Recovery =	69.000%		
7) Chloroethane-d5	2.068	69	14484	2.836	ug/L	0.16
Spiked Amount 5.000	Range 65 - 130		Recovery =	56.800%#		
11) 1,1-Dichloroethene-d2	2.747	65	10174	3.094	ug/L	0.19
Spiked Amount 5.000	Range 60 - 125		Recovery =	61.800%		
20) 2-Butanone-d5	4.859	46	31215m	24.058	ug/L	0.24
Spiked Amount 50.000	Range 40 - 130		Recovery =	48.120%		
24) Chloroform-d	5.216	84	46188	2.957	ug/L	0.17
Spiked Amount 5.000	Range 70 - 125		Recovery =	59.200%#		
26) 1,2-Dichloroethane-d4	5.882	65	34267	4.045	ug/L	0.19
Spiked Amount 5.000	Range 70 - 130		Recovery =	80.800%		
32) Benzene-d6	5.901	84	114980	4.509	ug/L	0.19
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.200%		
36) 1,2-Dichloropropane-d6	6.808	67	36348	5.141	ug/L	0.13
Spiked Amount 5.000	Range 60 - 140		Recovery =	102.800%		
41) Toluene-d8	7.962	98	107001	4.307	ug/L	0.07
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.200%		
43) trans-1,3-Dichloroprop...	8.232	79	14089	3.998	ug/L	0.06
Spiked Amount 5.000	Range 55 - 130		Recovery =	80.000%		
46) 2-Hexanone-d5	8.679	63	46429	41.887	ug/L	0.05
Spiked Amount 50.000	Range 45 - 130		Recovery =	83.780%		
56) 1,1,2,2-Tetrachloroeth...	10.759	84	26726	4.514	ug/L	0.02
Spiked Amount 5.000	Range 65 - 120		Recovery =	90.200%		
66) 1,2-Dichlorobenzene-d4	12.190	152	36140	4.447	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	89.000%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.715	62	34194	4.144	ug/L	95
8) Chloroethane	2.091	64	6996	1.411	ug/L	99
13) Acetone	2.914	43	47584m	46.294	ug/L	
14) Carbon disulfide	2.978	76	35309	1.554	ug/L	97
19) 1,1-Dichloroethane	4.075	63	793047	58.182	ug/L	96
21) 2-Butanone	4.959	43	18700m	13.661	ug/L	
22) cis-1,2-Dichloroethene	4.843	96	51353	6.186	ug/L	97
33) Benzene	5.949	78	25182	0.840	ug/L	100
40) 4-Methyl-2-pentanone	7.862	43	35497	10.748	ug/L #	93
42) Toluene	8.029	91	77368	2.356	ug/L	99
52) Ethylbenzene	9.592	91	48804	1.309	ug/L	96
53) m,p-Xylene	9.711	106	56449	4.050	ug/L	98
54) o-Xylene	10.116	106	17674	1.324	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	31691	1.145	ug/L	98

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

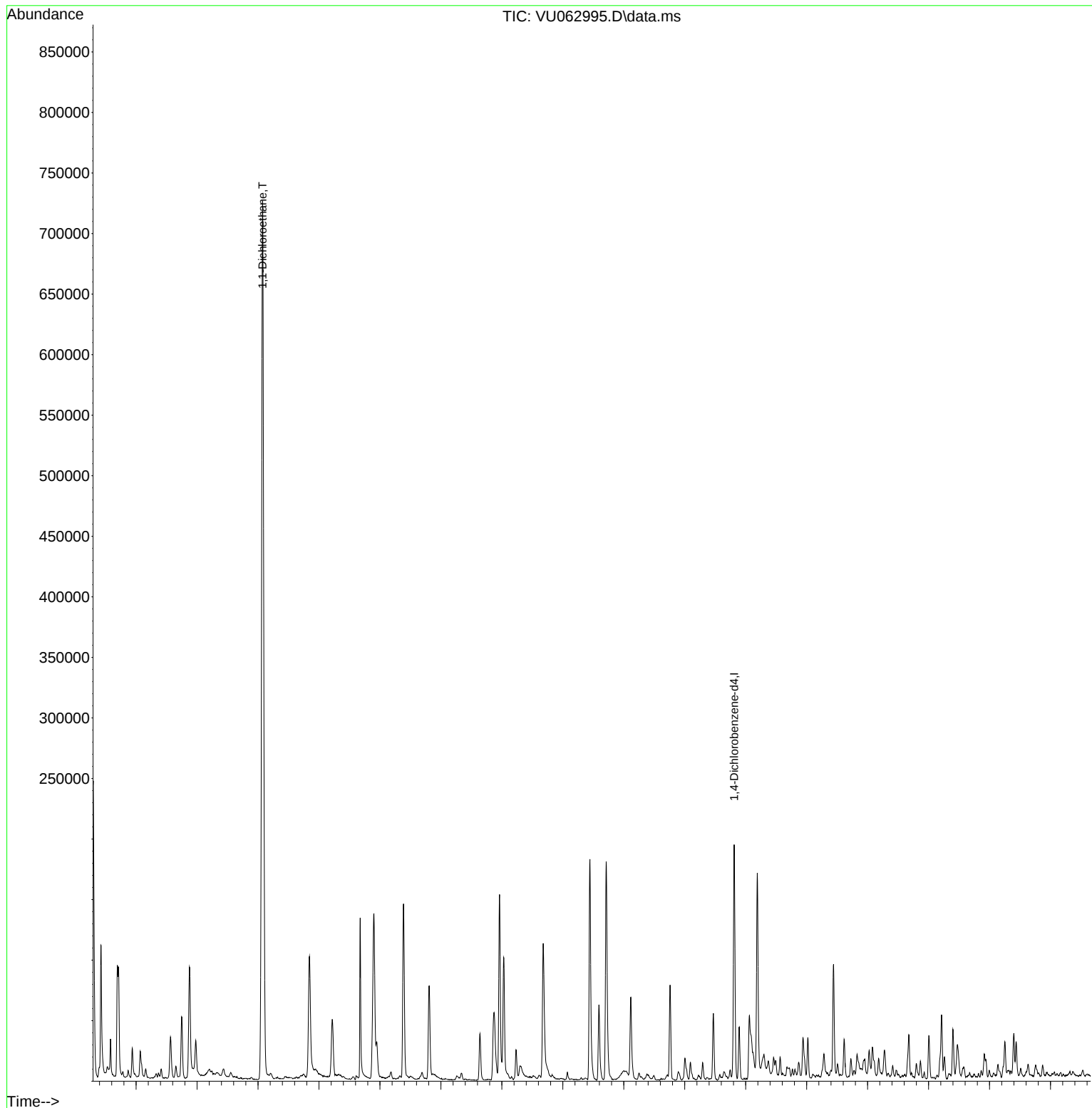
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
Data File : VU062995.D
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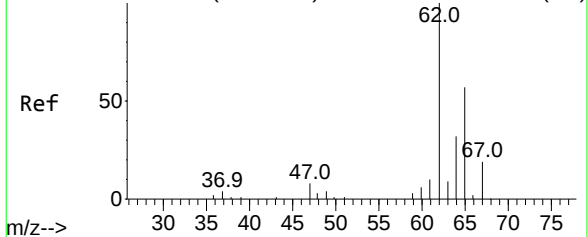
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 24 19:02:27 2025
Response via : Initial Calibration



Abundance Scan 96 (1.599 min): VU062983.D\data.ms (-87)



#5
Vinyl chloride
Concen: 4.144 ug/L
RT: 1.715 min Scan# 13
Delta R.T. 0.116 min
Lab File: VU062995.D
Acq: 24 Jan 2025 16:03

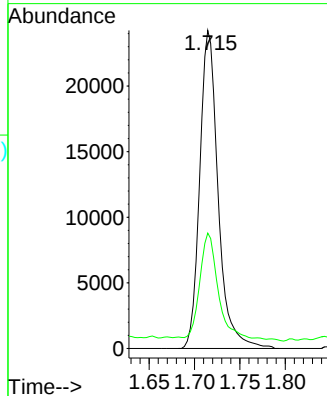
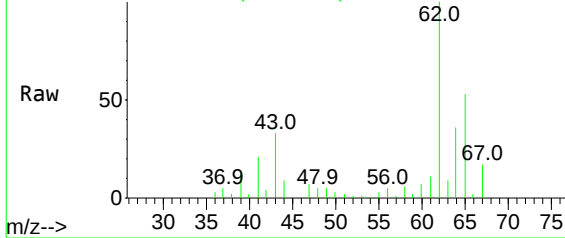
Instrument :
MSVOA_U
ClientSampleId :
E2937

Tgt Ion: 62 Resp: 34194
Ion Ratio Lower Upper
62 100
64 36.3 23.4 43.4

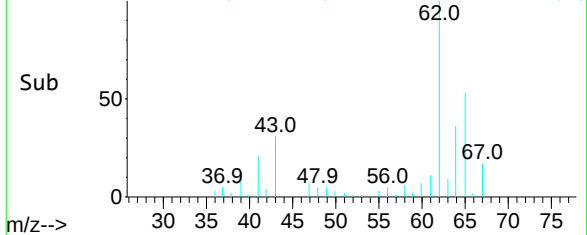
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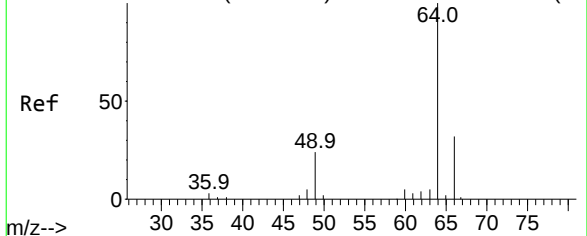
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Abundance Scan 132 (1.715 min): VU062995.D\data.ms (-3)



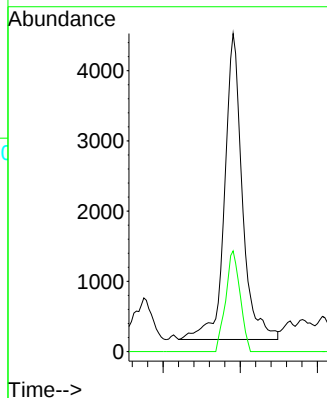
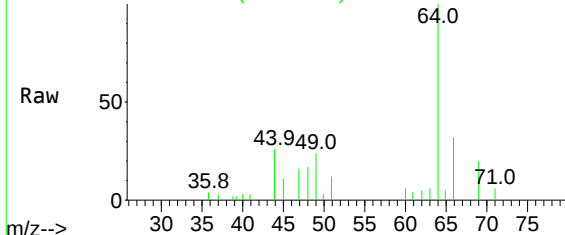
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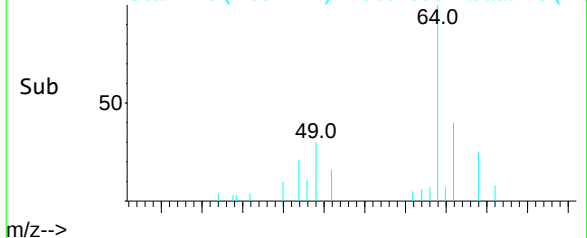
#8
Chloroethane
Concen: 1.411 ug/L
RT: 2.091 min Scan# 249
Delta R.T. 0.164 min
Lab File: VU062995.D
Acq: 24 Jan 2025 16:03

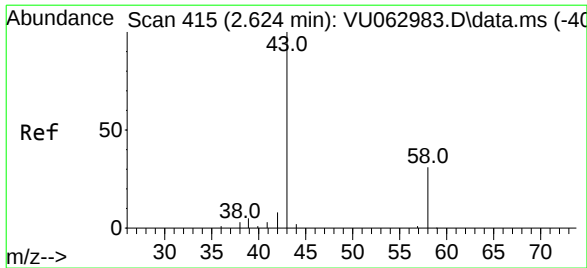
Tgt Ion: 64 Resp: 6996
Ion Ratio Lower Upper
64 100
66 31.7 21.6 40.2

Abundance Scan 249 (2.091 min): VU062995.D\data.ms



Abundance Scan 249 (2.091 min): VU062995.D\data.ms (-10)





#13

Acetone

Concen: 46.294 ug/L m

RT: 2.914 min Scan# 50

Delta R.T. 0.290 min

Lab File: VU062995.D

Acq: 24 Jan 2025 16:03

Instrument :

MSVOA_U

ClientSampleId :

E2937

Tgt Ion: 43 Resp: 47584

Ion Ratio Lower Upper

43 100

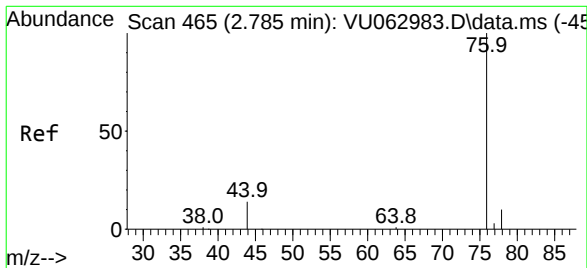
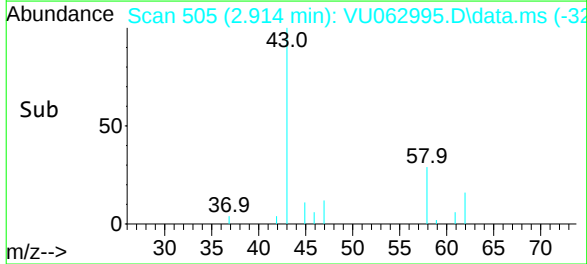
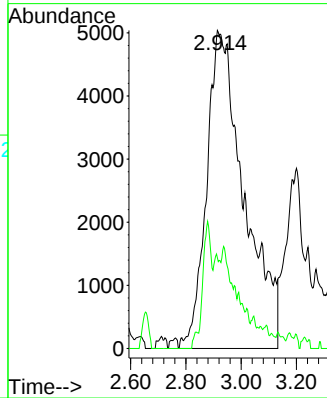
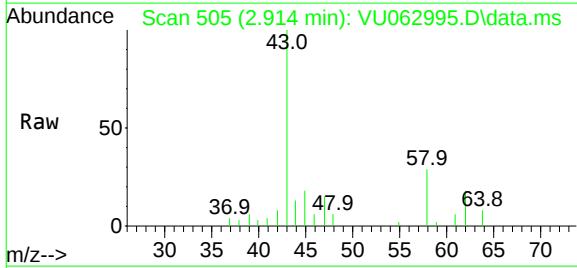
58 0.6 0.0 64.4

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#14

Carbon disulfide

Concen: 1.554 ug/L

RT: 2.978 min Scan# 525

Delta R.T. 0.193 min

Lab File: VU062995.D

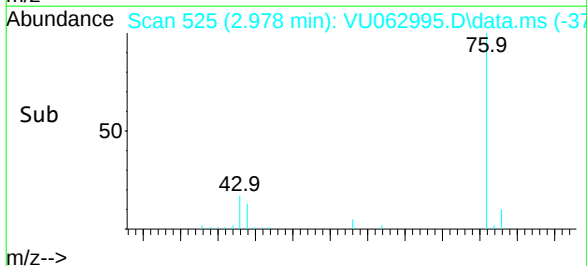
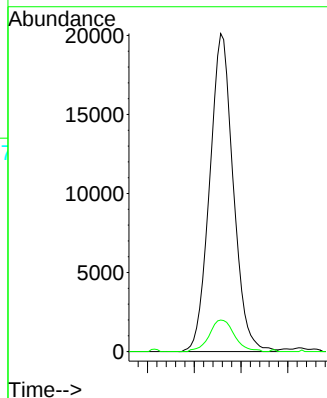
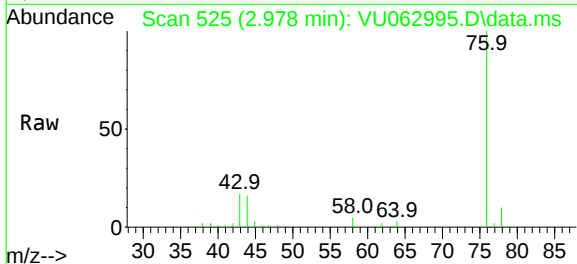
Acq: 24 Jan 2025 16:03

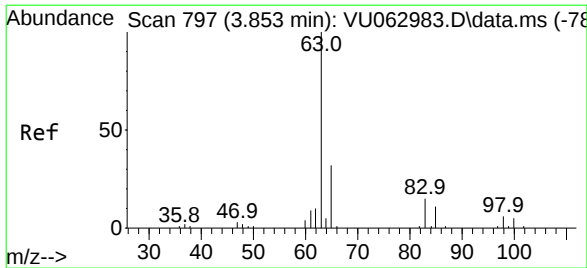
Tgt Ion: 76 Resp: 35309

Ion Ratio Lower Upper

76 100

78 9.9 7.0 10.6





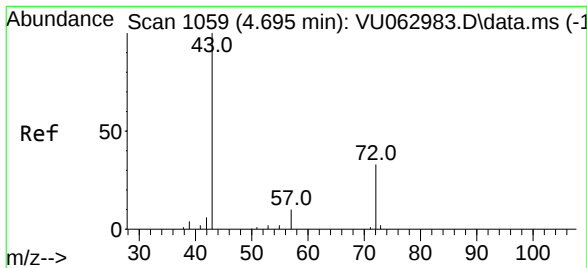
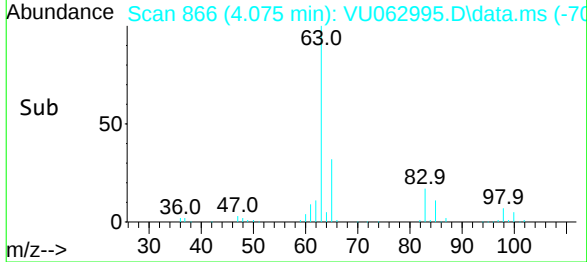
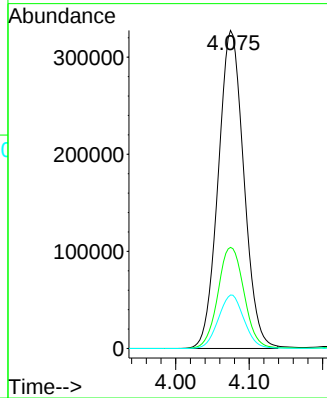
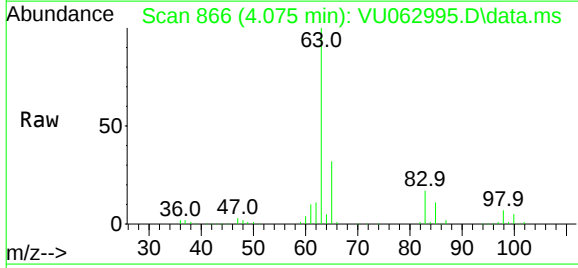
#19
1,1-Dichloroethane
Concen: 58.182 ug/L
RT: 4.075 min Scan# 86
Delta R.T. 0.222 min
Lab File: VU062995.D
Acq: 24 Jan 2025 16:03

Instrument :
MSVOA_U
ClientSampleId :
E2937

Tgt Ion: 63 Resp: 793047
Ion Ratio Lower Upper
63 100
65 31.8 20.7 38.5
83 16.8 10.5 19.5

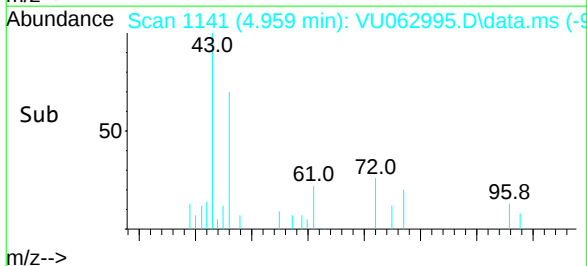
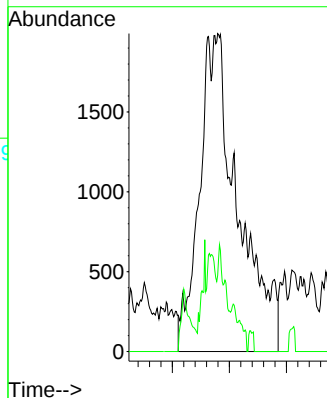
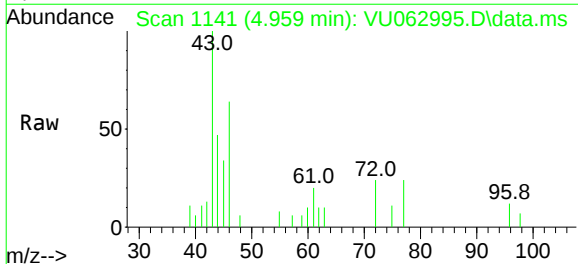
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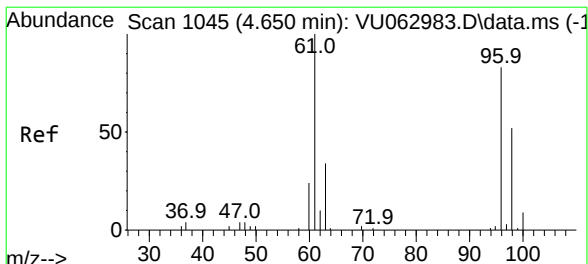
Reviewed By :John Carlone 01/27/2025
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#21
2-Butanone
Concen: 13.661 ug/L m
RT: 4.959 min Scan# 1141
Delta R.T. 0.264 min
Lab File: VU062995.D
Acq: 24 Jan 2025 16:03

Tgt Ion: 43 Resp: 18700
Ion Ratio Lower Upper
43 100
72 4.4 17.1 51.2#





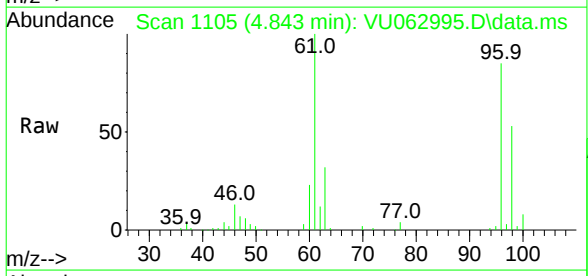
#22
 cis-1,2-Dichloroethene
 Concen: 6.186 ug/L
 RT: 4.843 min Scan# 111
 Delta R.T. 0.193 min
 Lab File: VU062995.D
 Acq: 24 Jan 2025 16:03

Instrument :

MSVOA_U

ClientSampleId :

E2937

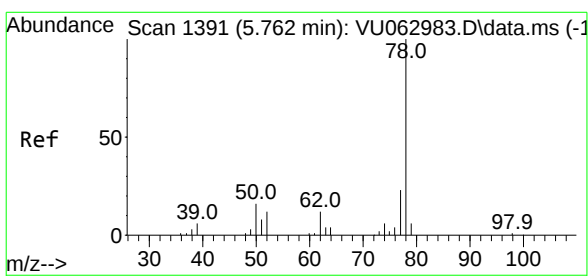
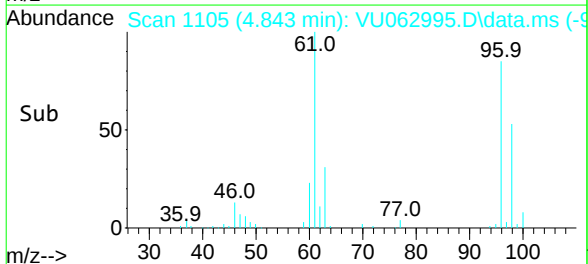
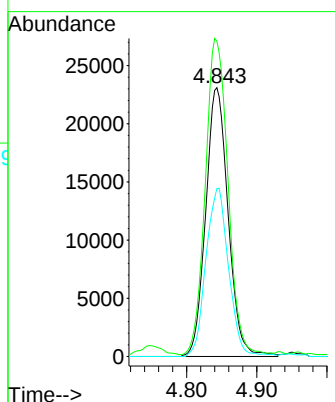


Tgt Ion:	96	Resp:	51353
Ion	Ratio	Lower	Upper
96	100		
61	117.3	84.8	157.6
98	62.5	43.1	80.1

Manual Integrations

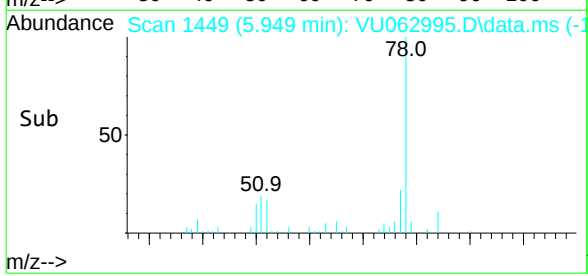
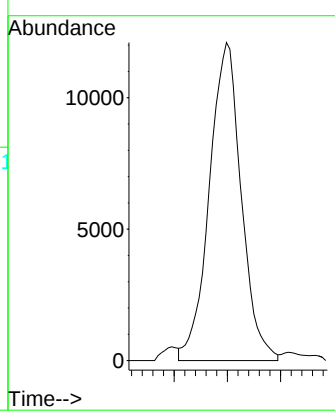
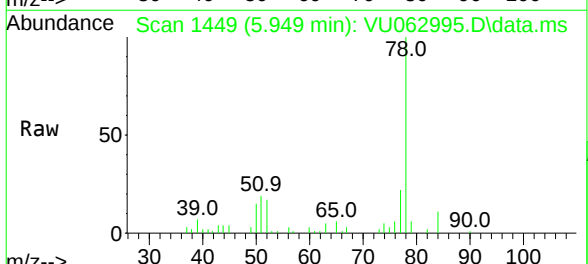
APPROVED

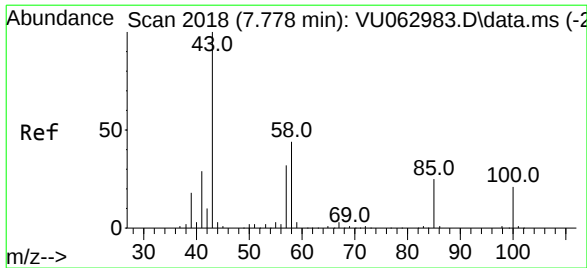
Reviewed By :John Carlone 01/27/2025
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#33
 Benzene
 Concen: 0.840 ug/L
 RT: 5.949 min Scan# 1449
 Delta R.T. 0.187 min
 Lab File: VU062995.D
 Acq: 24 Jan 2025 16:03

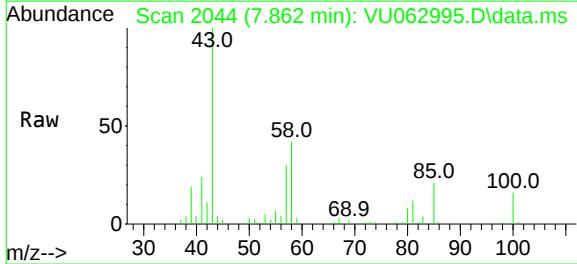
Tgt Ion: 78 Resp: 25182





#40
4-Methyl-2-pentanone
Concen: 10.748 ug/L
RT: 7.862 min Scan# 2018
Delta R.T. 0.084 min
Lab File: VU062995.D
Acq: 24 Jan 2025 16:03

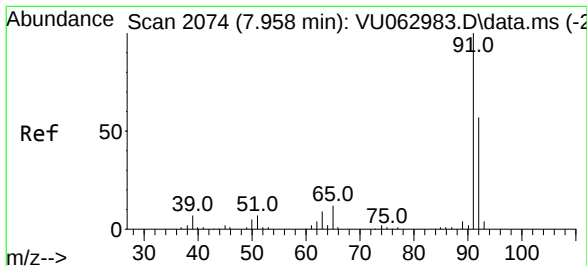
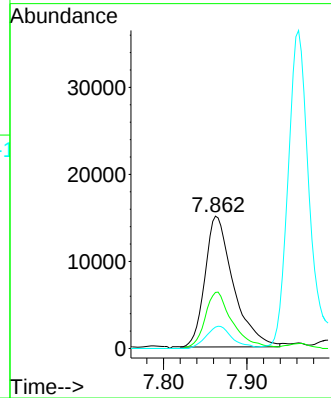
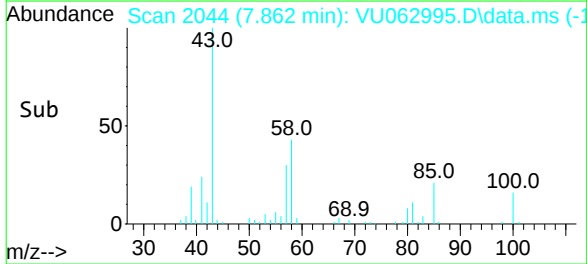
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 35497
Ion Ratio Lower Upper
43 100
58 41.9 35.8 53.8
100 15.7 16.8 25.2#

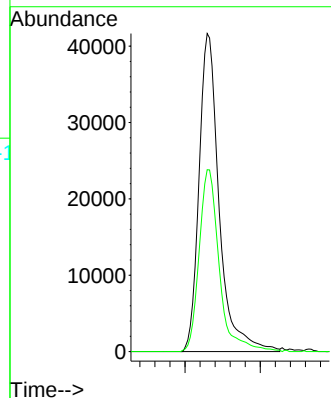
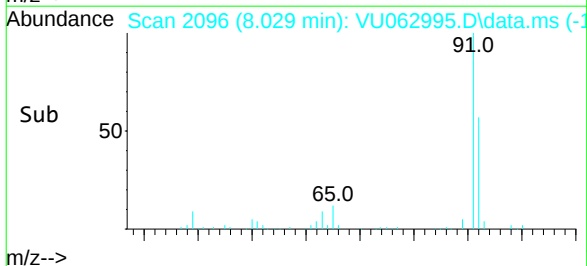
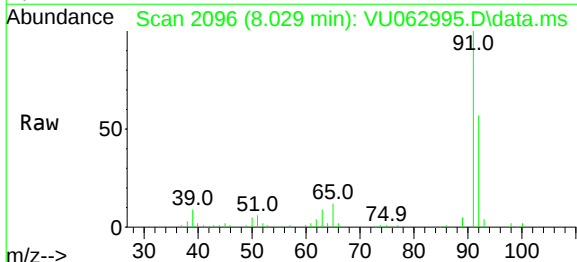
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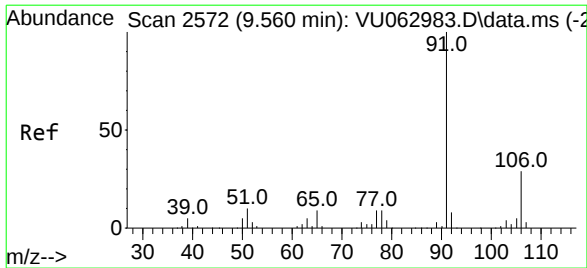
Reviewed By :John Carlone 01/27/2025
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#42
Toluene
Concen: 2.356 ug/L
RT: 8.029 min Scan# 2096
Delta R.T. 0.071 min
Lab File: VU062995.D
Acq: 24 Jan 2025 16:03

Tgt Ion: 91 Resp: 77368
Ion Ratio Lower Upper
91 100
92 57.2 40.4 75.0





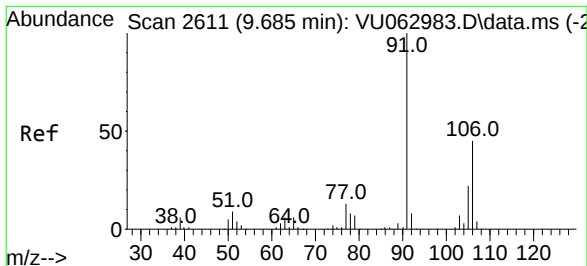
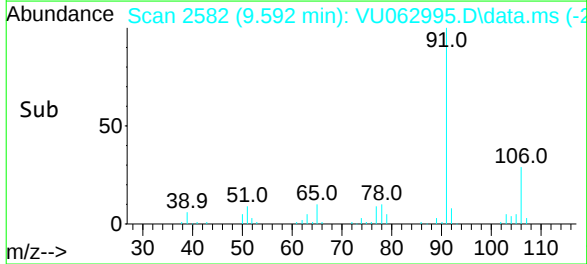
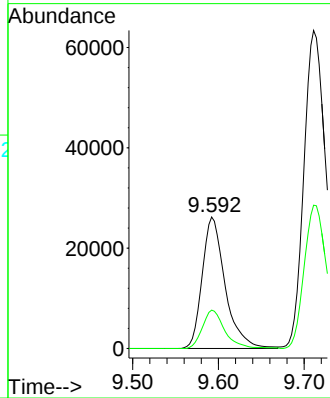
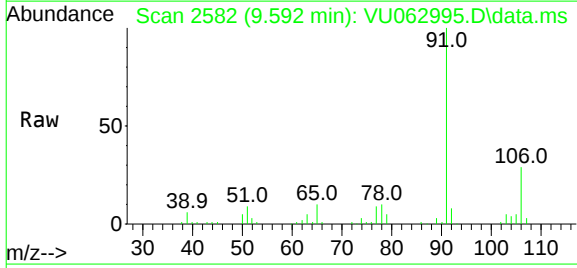
#52
Ethylbenzene
Concen: 1.309 ug/L
RT: 9.592 min Scan# 2572
Delta R.T. 0.032 min
Lab File: VU062995.D
Acq: 24 Jan 2025 16:03

Instrument :
MSVOA_U
ClientSampleId :
E2937

Tgt Ion: 91 Resp: 48804
Ion Ratio Lower Upper
91 100
106 29.2 21.9 40.7

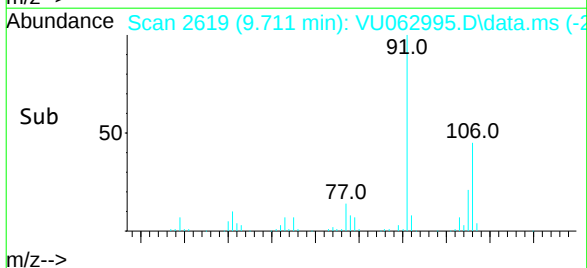
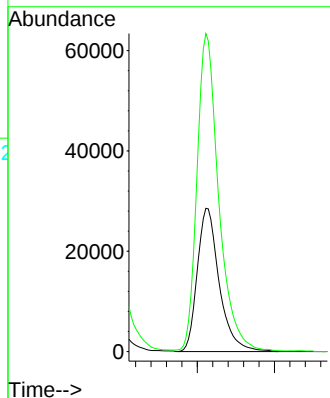
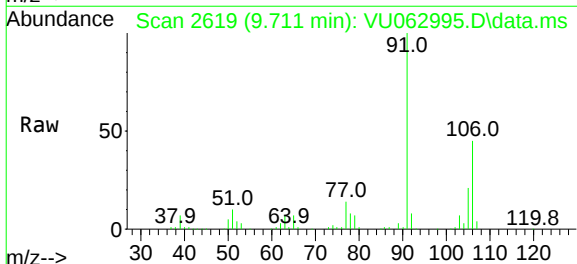
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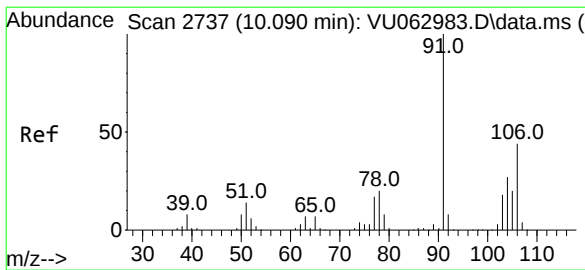
Reviewed By :John Carlone 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#53
m,p-Xylene
Concen: 4.050 ug/L
RT: 9.711 min Scan# 2619
Delta R.T. 0.026 min
Lab File: VU062995.D
Acq: 24 Jan 2025 16:03

Tgt Ion:106 Resp: 56449
Ion Ratio Lower Upper
106 100
91 222.0 153.1 284.3





#54

o-Xylene

Concen: 1.324 ug/L

RT: 10.116 min Scan# 2737

Delta R.T. 0.026 min

Lab File: VU062995.D

Acq: 24 Jan 2025 16:03

Instrument :

MSVOA_U

ClientSampleId :

E2937

Tgt Ion:106 Resp: 17674

Ion Ratio Lower Upper

106 100

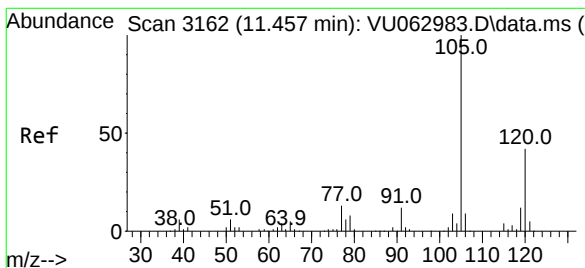
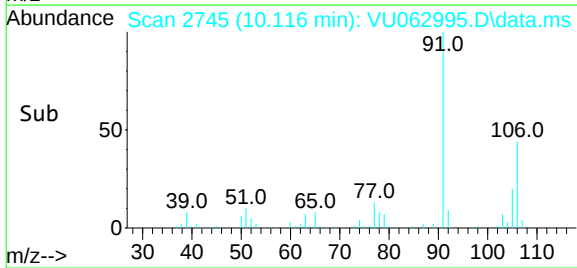
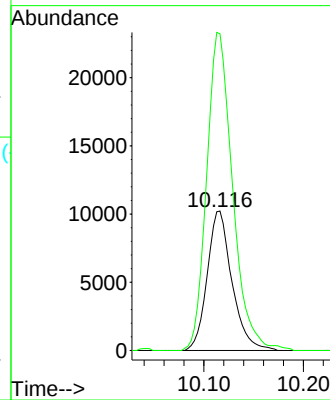
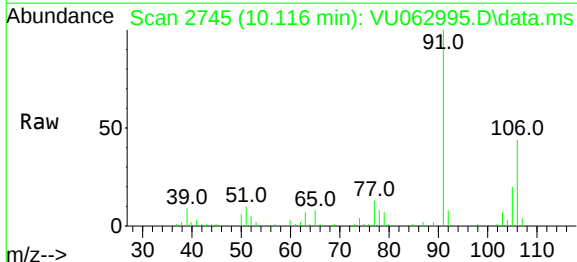
91 227.2 160.4 297.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/27/2025

Supervised By :Mahesh Dadoda 01/27/2025



#63

1,2,4-Trimethylbenzene

Concen: 1.145 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.010 min

Lab File: VU062995.D

Acq: 24 Jan 2025 16:03

Tgt Ion:105 Resp: 31691

Ion Ratio Lower Upper

105 100

120 41.4 34.2 51.2

