

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012425\
 Data File : VU062992.D
 Acq On : 24 Jan 2025 14:49
 Operator : MD/SY
 Sample : Q1174-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E2934

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 19:05:39 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	6.351	114	102920	5.000	ug/L	0.11
28) Chlorobenzene-d5	9.434	117	104300	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.807	152	49181	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.686	65	15107	2.650	ug/L	0.09
Spiked Amount 5.000	Range 40 - 130		Recovery =	53.000%		
7) Chloroethane-d5	2.020	69	12617	2.752	ug/L	0.12
Spiked Amount 5.000	Range 65 - 130		Recovery =	55.000%#		
11) 1,1-Dichloroethene-d2	2.682	65	9053	3.066	ug/L	0.13
Spiked Amount 5.000	Range 60 - 125		Recovery =	61.400%		
20) 2-Butanone-d5	4.817	46	23401	20.087	ug/L	0.20
Spiked Amount 50.000	Range 40 - 130		Recovery =	40.180%		
24) Chloroform-d	5.158	84	48714	3.474	ug/L	0.11
Spiked Amount 5.000	Range 70 - 125		Recovery =	69.400%#		
26) 1,2-Dichloroethane-d4	5.833	65	32999	4.338	ug/L	0.14
Spiked Amount 5.000	Range 70 - 130		Recovery =	86.800%		
32) Benzene-d6	5.856	84	104767	4.109	ug/L	0.14
Spiked Amount 5.000	Range 70 - 125		Recovery =	82.200%		
36) 1,2-Dichloropropane-d6	6.772	67	34954	4.945	ug/L	0.09
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.800%		
41) Toluene-d8	7.943	98	121680	4.899	ug/L	0.05
Spiked Amount 5.000	Range 70 - 130		Recovery =	98.000%		
43) trans-1,3-Dichloroprop...	8.216	79	16328	4.634	ug/L	0.05
Spiked Amount 5.000	Range 55 - 130		Recovery =	92.600%		
46) 2-Hexanone-d5	8.666	63	51247	46.242	ug/L	0.04
Spiked Amount 50.000	Range 45 - 130		Recovery =	92.480%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	21170	3.576	ug/L	0.01
Spiked Amount 5.000	Range 65 - 120		Recovery =	71.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	40625	4.965	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	99.400%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.692	62	5257	0.710	ug/L #	64
13) Acetone	2.866	43	28591m	30.980	ug/L	
14) Carbon disulfide	2.907	76	19489	0.955	ug/L	98
18) trans-1,2-Dichloroethene	3.473	96	6460	0.944	ug/L	90
19) 1,1-Dichloroethane	3.997	63	29466	2.408	ug/L	98
21) 2-Butanone	4.888	43	11930m	9.706	ug/L	
22) cis-1,2-Dichloroethene	4.775	96	11707	1.571	ug/L	96
34) Trichloroethene	6.634	95	12160	1.188	ug/L	95
40) 4-Methyl-2-pentanone	7.846	43	36028	10.910	ug/L #	96
42) Toluene	8.013	91	62136	1.892	ug/L	99
52) Ethylbenzene	9.586	91	13579	0.364	ug/L	97
53) m,p-Xylene	9.705	106	17915	1.285	ug/L	99
54) o-Xylene	10.110	106	5410	0.405	ug/L	93

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

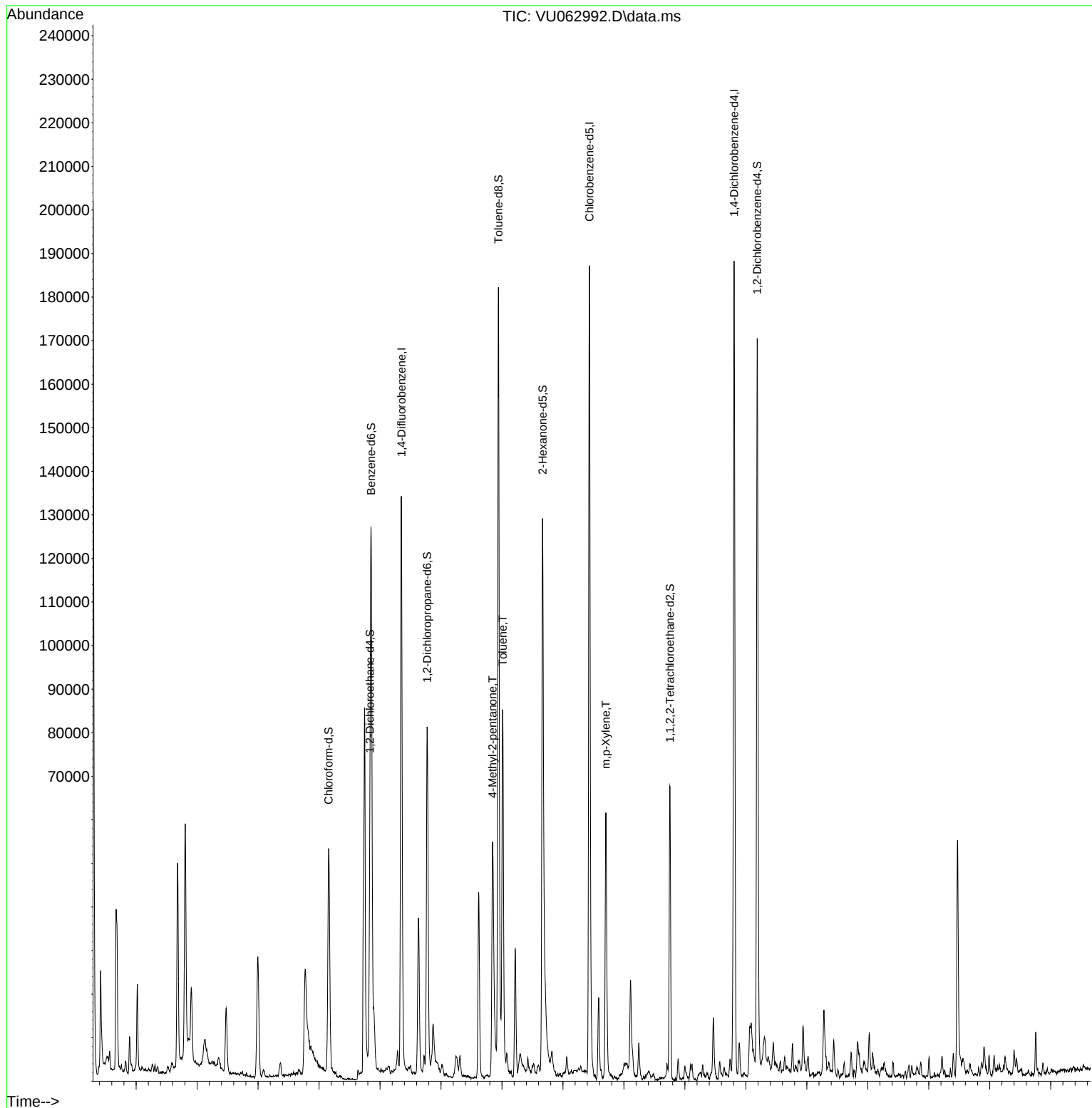
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Data File : VU062992.D
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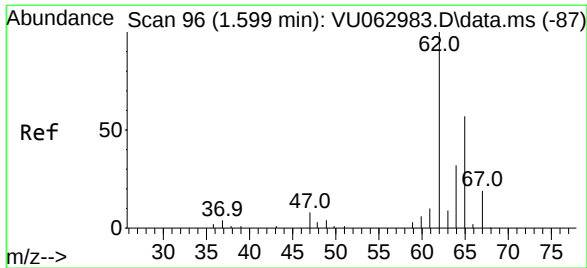
Instrument :
MSVOA_U
ClientSampleId :
E2934

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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
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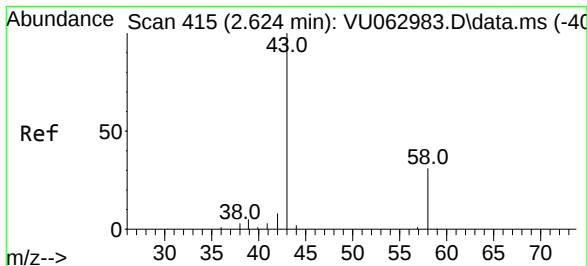
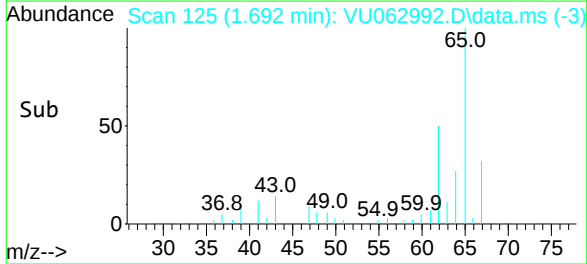
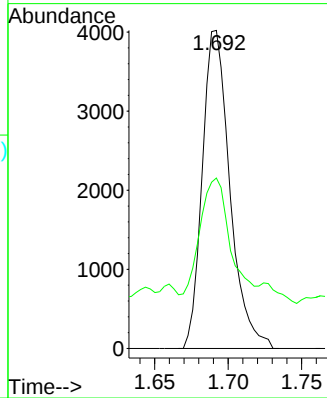
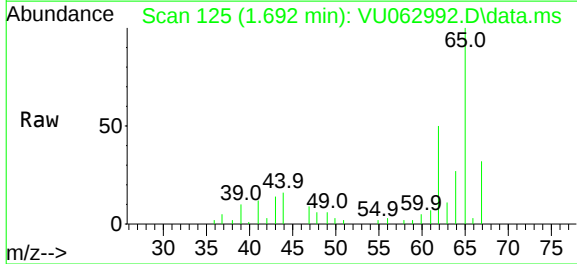
#5
 Vinyl chloride
 Concen: 0.710 ug/L
 RT: 1.692 min Scan# 12
 Delta R.T. 0.093 min
 Lab File: VU062992.D
 Acq: 24 Jan 2025 14:49

Instrument :
 MSVOA_U
 ClientSampleId :
 E2934

Tgt Ion: 62 Resp: 5257
 Ion Ratio Lower Upper
 62 100
 64 53.6 23.4 43.4

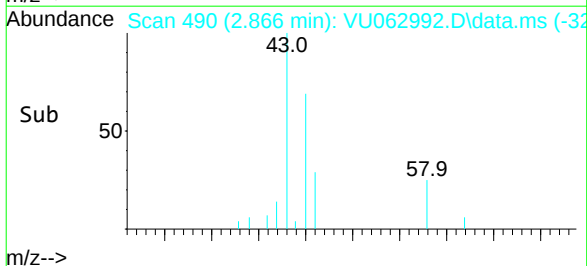
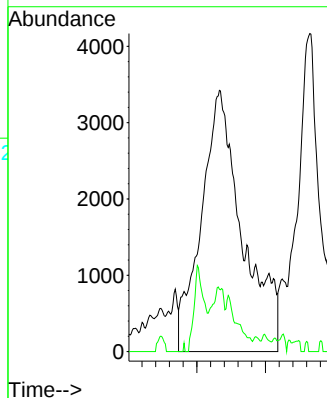
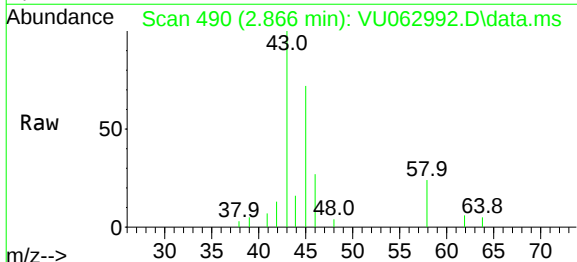
Manual Integrations
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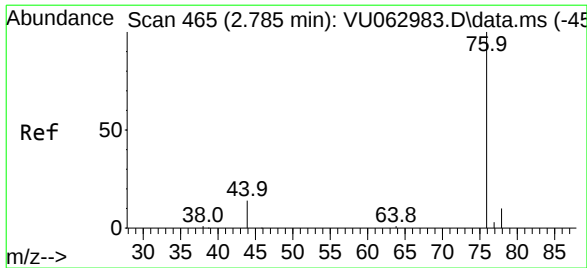
Reviewed By :John Carlone 01/27/2025
 Supervised By :Mahesh Dadoda 01/27/2025



#13
 Acetone
 Concen: 30.980 ug/L m
 RT: 2.866 min Scan# 490
 Delta R.T. 0.241 min
 Lab File: VU062992.D
 Acq: 24 Jan 2025 14:49

Tgt Ion: 43 Resp: 28591
 Ion Ratio Lower Upper
 43 100
 58 4.8 0.0 64.4





#14

Carbon disulfide

Concen: 0.955 ug/L

RT: 2.907 min Scan# 50

Delta R.T. 0.122 min

Lab File: VU062992.D

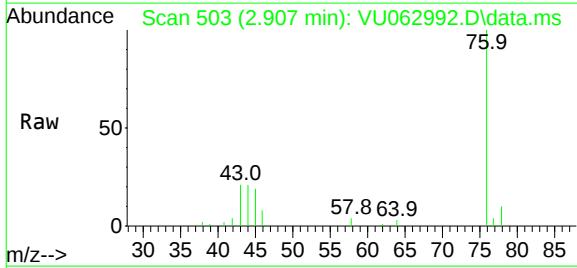
Acq: 24 Jan 2025 14:49

Instrument :

MSVOA_U

ClientSampleId :

E2934



Tgt Ion: 76 Resp: 19489

Ion Ratio Lower Upper

76 100

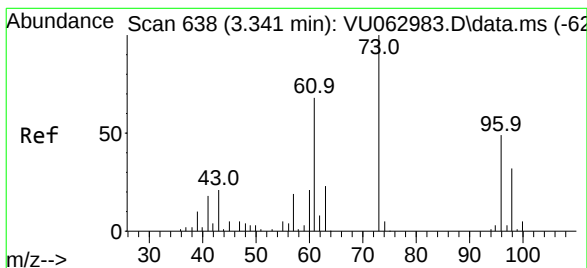
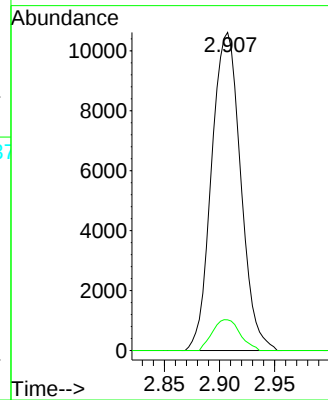
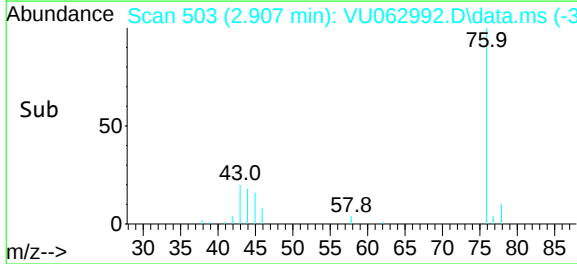
78 9.6 7.0 10.6

Manual Integrations

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#18

trans-1,2-Dichloroethene

Concen: 0.944 ug/L

RT: 3.473 min Scan# 679

Delta R.T. 0.132 min

Lab File: VU062992.D

Acq: 24 Jan 2025 14:49

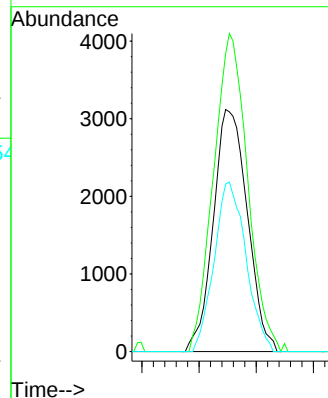
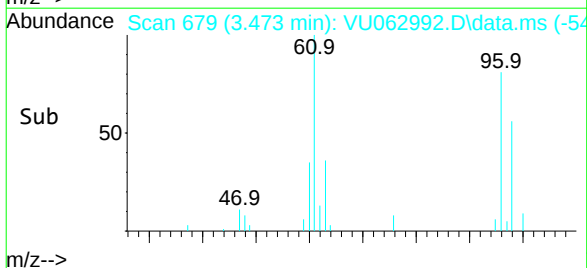
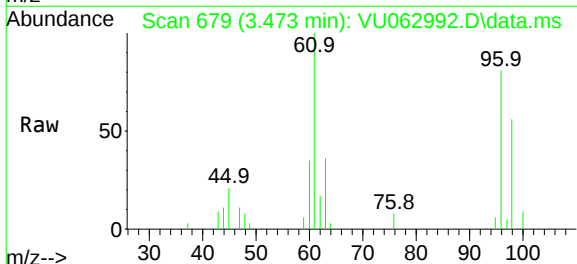
Tgt Ion: 96 Resp: 6460

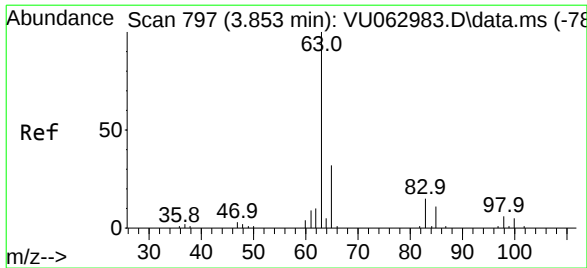
Ion Ratio Lower Upper

96 100

61 123.1 94.4 175.2

98 69.2 42.8 79.4





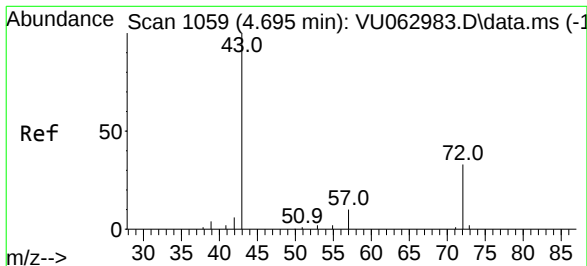
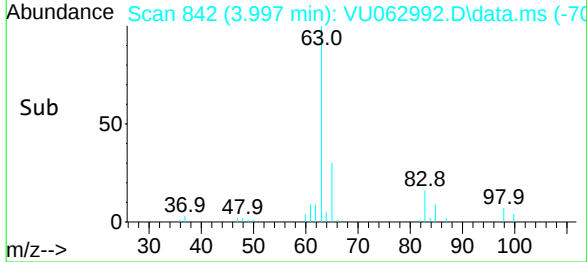
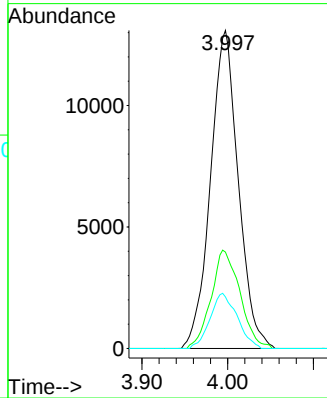
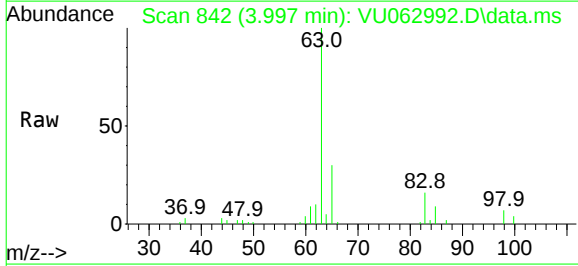
#19
1,1-Dichloroethane
Concen: 2.408 ug/L
RT: 3.997 min Scan# 841
Delta R.T. 0.145 min
Lab File: VU062992.D
Acq: 24 Jan 2025 14:49

Instrument :
MSVOA_U
ClientSampleId :
E2934

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.3	20.7	38.5
83	16.2	10.5	19.5

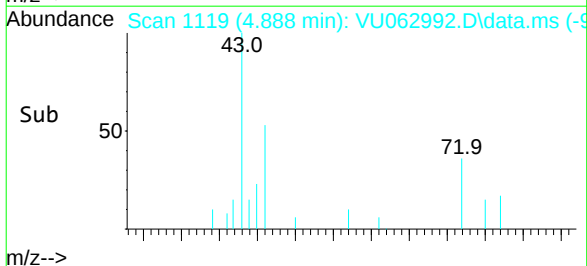
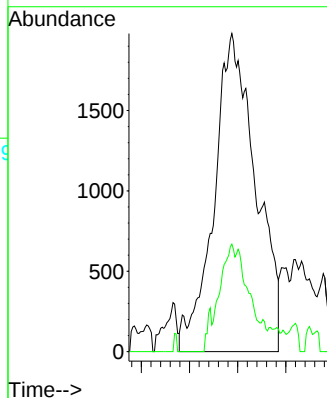
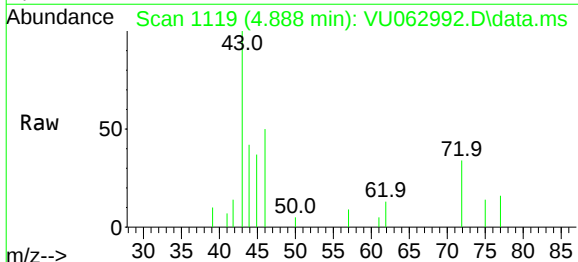
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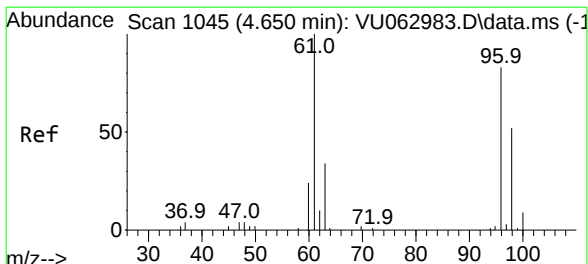
Reviewed By :John Carlone 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#21
2-Butanone
Concen: 9.706 ug/L m
RT: 4.888 min Scan# 1119
Delta R.T. 0.193 min
Lab File: VU062992.D
Acq: 24 Jan 2025 14:49

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.1	51.2#





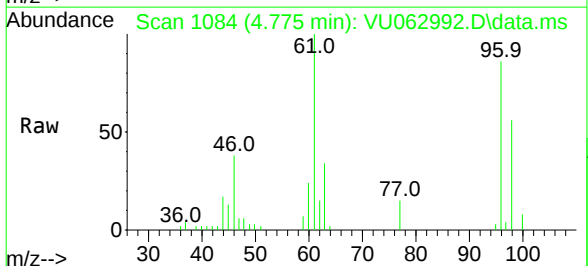
#22
 cis-1,2-Dichloroethene
 Concen: 1.571 ug/L
 RT: 4.775 min Scan# 1084
 Delta R.T. 0.126 min
 Lab File: VU062992.D
 Acq: 24 Jan 2025 14:49

Instrument :

MSVOA_U

ClientSampleId :

E2934

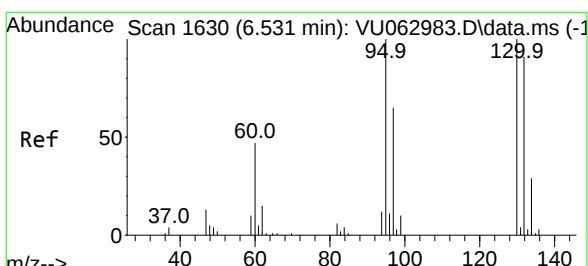
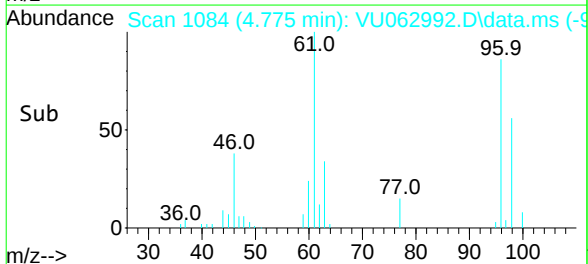
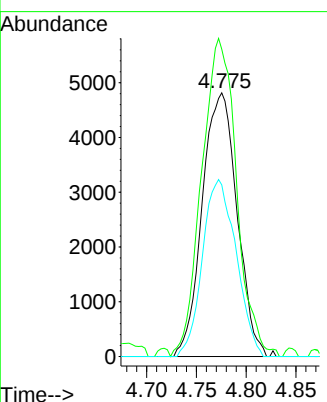


Tgt Ion	Ratio	Lower	Upper
96	100		
61	116.6	84.8	157.6
98	65.1	43.1	80.1

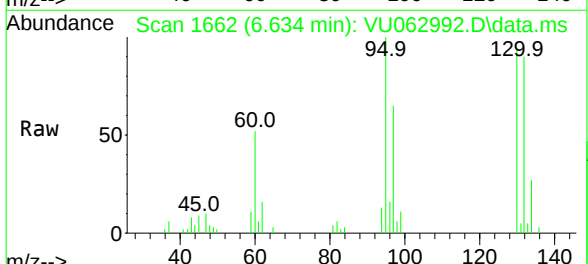
Manual Integrations

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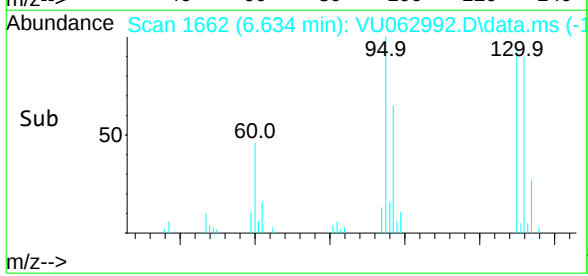
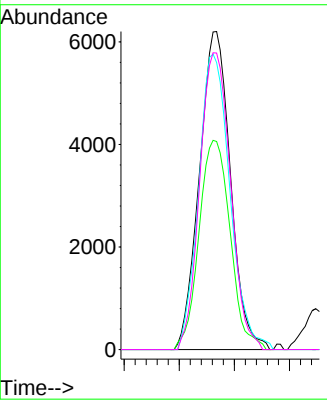
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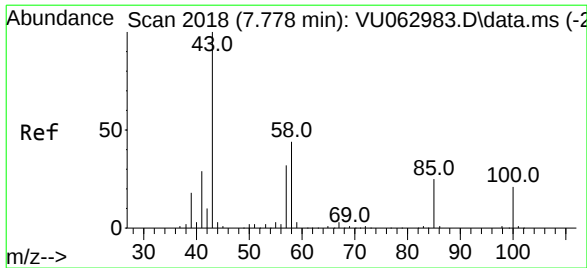


#34
 Trichloroethene
 Concen: 1.188 ug/L
 RT: 6.634 min Scan# 1662
 Delta R.T. 0.103 min
 Lab File: VU062992.D
 Acq: 24 Jan 2025 14:49



Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.4	47.5	88.3
132	90.2	66.9	124.3
130	93.2	68.6	127.4





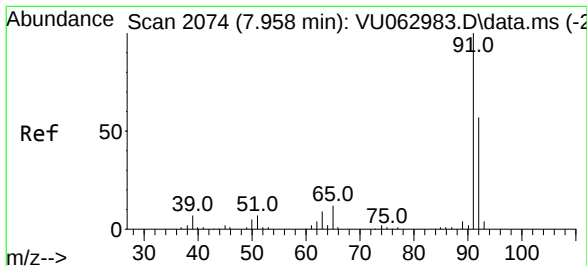
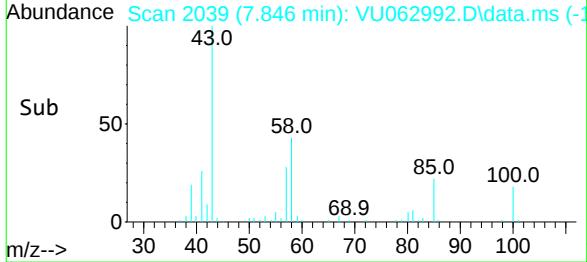
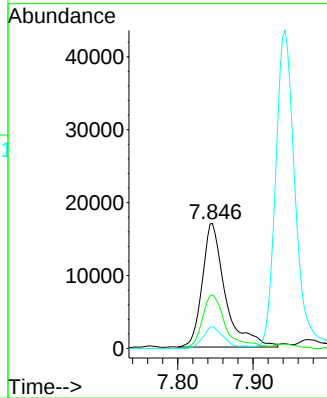
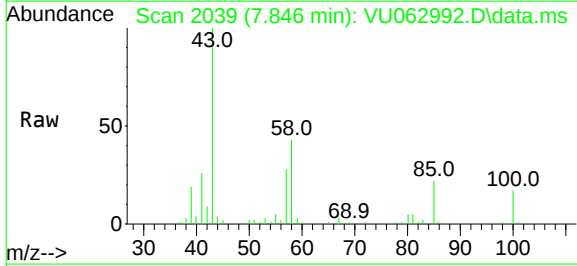
#40
4-Methyl-2-pentanone
Concen: 10.910 ug/L
RT: 7.846 min Scan# 2018
Delta R.T. 0.068 min
Lab File: VU062992.D
Acq: 24 Jan 2025 14:49

Instrument :
MSVOA_U
ClientSampleId :
E2934

Tgt Ion: 43 Resp: 36028
Ion Ratio Lower Upper
43 100
58 44.7 35.8 53.8
100 15.7 16.8 25.2#

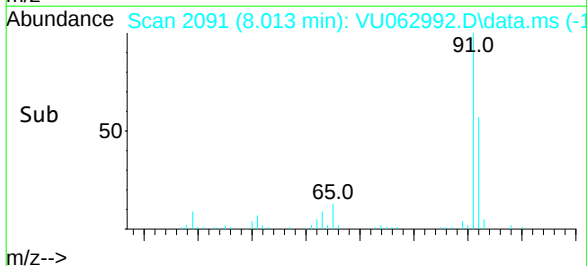
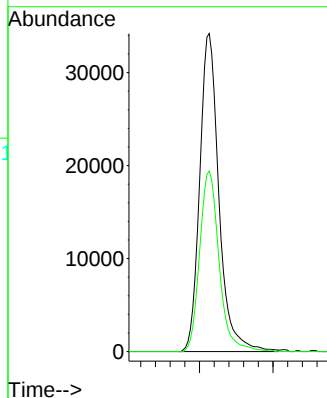
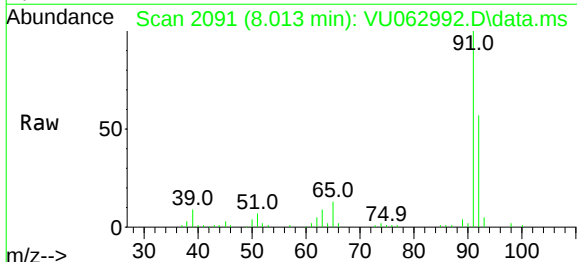
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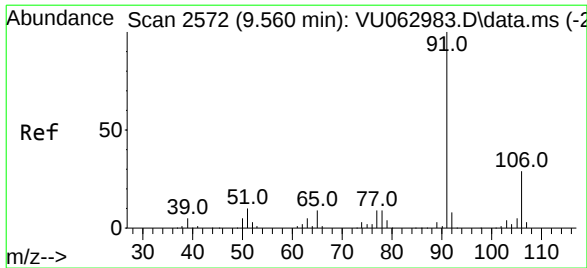
Reviewed By :John Carlone 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#42
Toluene
Concen: 1.892 ug/L
RT: 8.013 min Scan# 2091
Delta R.T. 0.055 min
Lab File: VU062992.D
Acq: 24 Jan 2025 14:49

Tgt Ion: 91 Resp: 62136
Ion Ratio Lower Upper
91 100
92 56.8 40.4 75.0





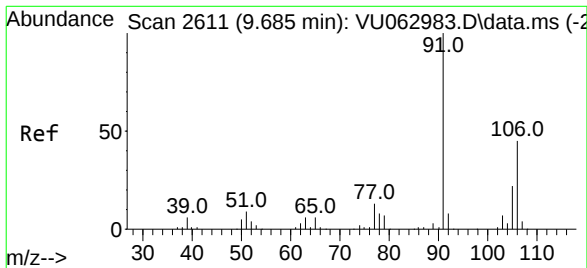
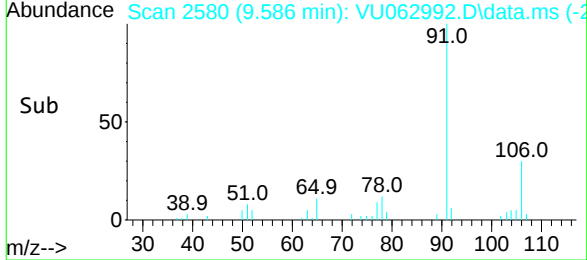
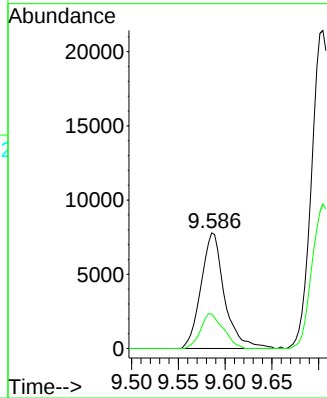
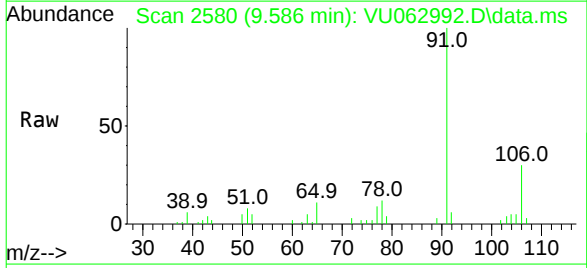
#52
Ethylbenzene
Concen: 0.364 ug/L
RT: 9.586 min Scan# 2572
Delta R.T. 0.026 min
Lab File: VU062992.D
Acq: 24 Jan 2025 14:49

Instrument :
MSVOA_U
ClientSampleId :
E2934

Tgt Ion: 91 Resp: 13579
Ion Ratio Lower Upper
91 100
106 29.8 21.9 40.7

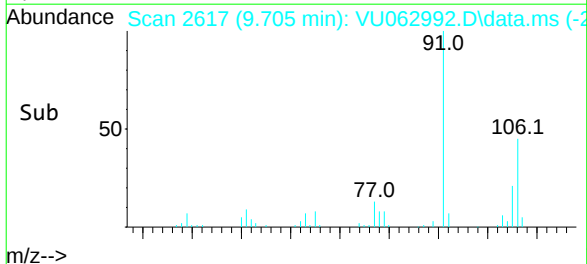
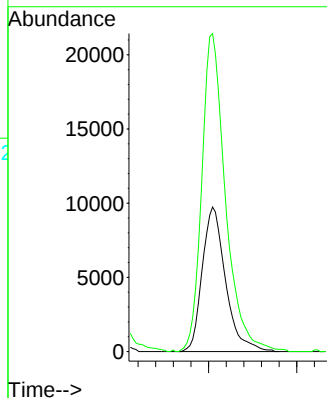
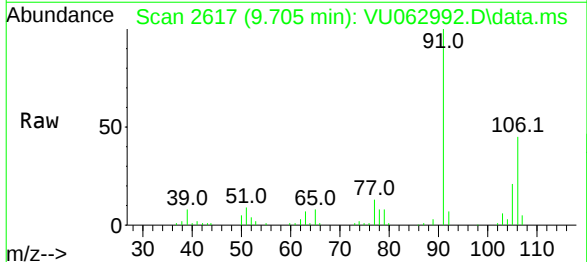
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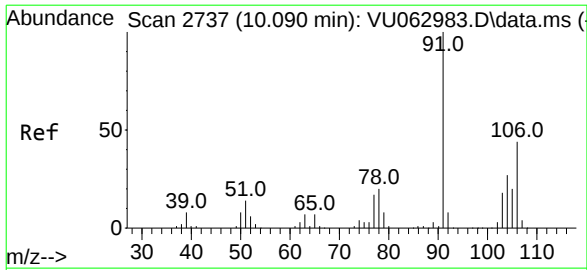
Reviewed By :John Carlone 01/27/2025
Supervised By :Mahesh Dadoda 01/27/2025



#53
m,p-Xylene
Concen: 1.285 ug/L
RT: 9.705 min Scan# 2617
Delta R.T. 0.019 min
Lab File: VU062992.D
Acq: 24 Jan 2025 14:49

Tgt Ion:106 Resp: 17915
Ion Ratio Lower Upper
106 100
91 220.0 153.1 284.3





#54
o-Xylene
Concen: 0.405 ug/L
RT: 10.110 min Scan# 2737
Delta R.T. 0.019 min
Lab File: VU062992.D
Acq: 24 Jan 2025 14:49

Instrument :
MSVOA_U
ClientSampleId :
E2934

Tgt Ion:106 Resp: 5410
Ion Ratio Lower Upper
106 100
91 216.9 160.4 297.8

Manual Integrations
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