

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060921.D
 Acq On : 20 Sep 2024 03:01
 Operator : MD/SY
 Sample : P3987-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
 Supervised By :Semsettin Yesilyurt 09/23/2024

Quant Time: Sep 20 05:57:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.342	114	124715	5.000	ug/L	0.10
28) Chlorobenzene-d5	9.435	117	145267	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.811	152	62930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.638	65	36293	3.235	ug/L	0.04
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.800%	
7) Chloroethane-d5	1.991	69	33585	4.205	ug/L	0.08
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.200%	
11) 1,1-Dichloroethene-d2	2.644	65	16288	4.097	ug/L	0.08
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.000%	
20) 2-Butanone-d5	4.798	46	96091	53.361	ug/L	0.16
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.720%	
24) Chloroform-d	5.133	84	94083	5.486	ug/L	0.08
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.800%	
26) 1,2-Dichloroethane-d4	5.811	65	38988	4.757	ug/L	0.12
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.827	84	130543	3.353	ug/L	0.11
Spiked Amount	5.000	Range 70 - 125	Recovery	=	67.000%#	
36) 1,2-Dichloropropane-d6	6.769	67	43568	3.617	ug/L	0.09
Spiked Amount	5.000	Range 60 - 140	Recovery	=	72.400%	
41) Toluene-d8	7.940	98	99670	2.808	ug/L	0.05
Spiked Amount	5.000	Range 70 - 130	Recovery	=	56.200%#	
43) trans-1,3-Dichloroprop...	8.216	79	14945	3.446	ug/L	0.04
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.000%	
46) 2-Hexanone-d5	8.666	63	74392	43.490	ug/L	0.04
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.980%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	39735	4.210	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	48938	4.628	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						
5) Vinyl chloride	1.644	62	86394	8.027	ug/L	97
12) 1,1-Dichloroethene	2.660	96	139945	17.839	ug/L #	70
13) Acetone	2.863	43	21699m	18.062	ug/L	
18) trans-1,2-Dichloroethene	3.448	96	29958	3.685	ug/L	99
19) 1,1-Dichloroethane	3.969	63	74665	4.575	ug/L	97
21) 2-Butanone	4.872	43	125619	64.233	ug/L	96
22) cis-1,2-Dichloroethene	4.740	96	380668	42.312	ug/L	96
34) Trichloroethene	6.621	95	108489	10.361	ug/L	91

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

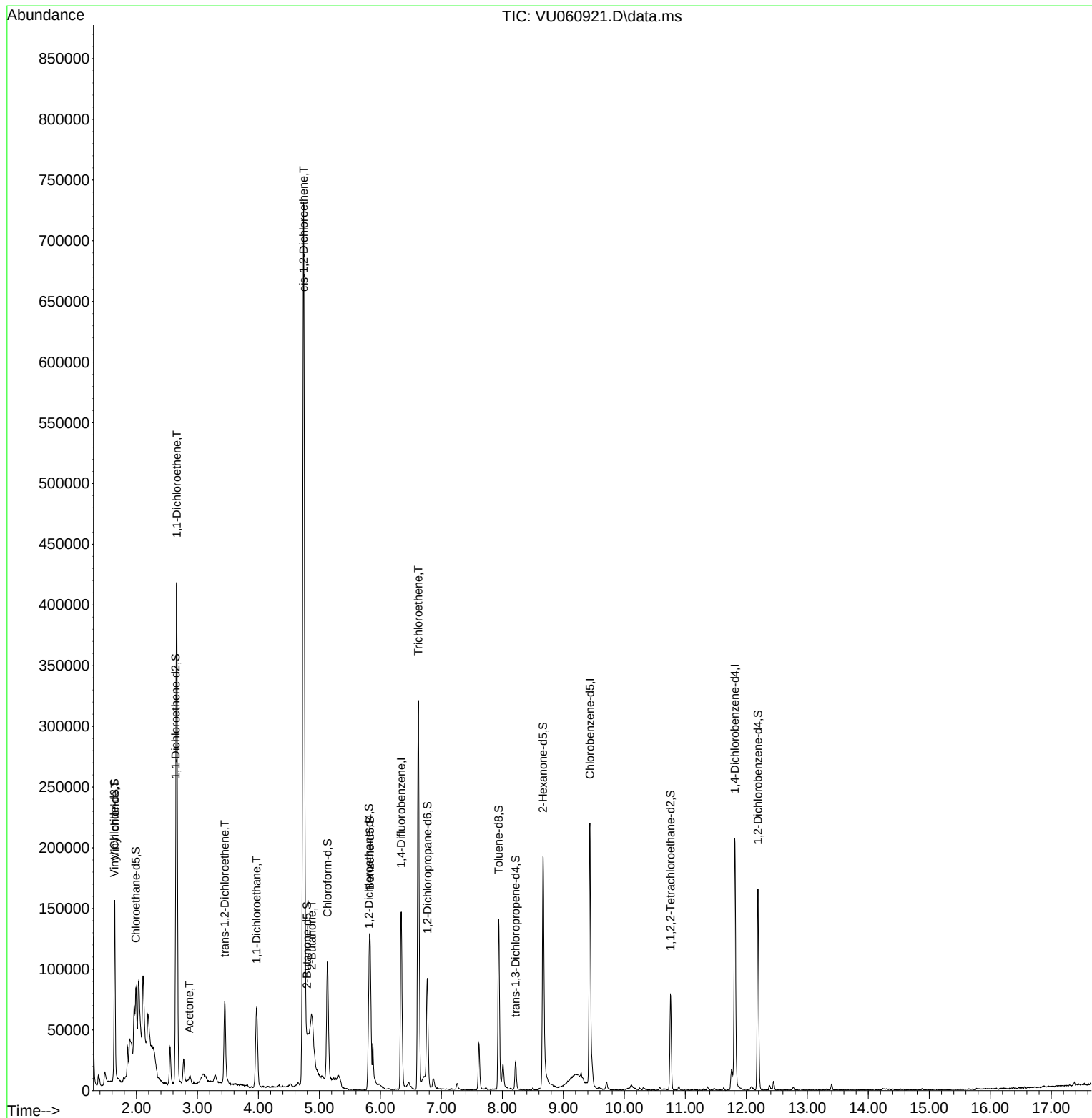
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
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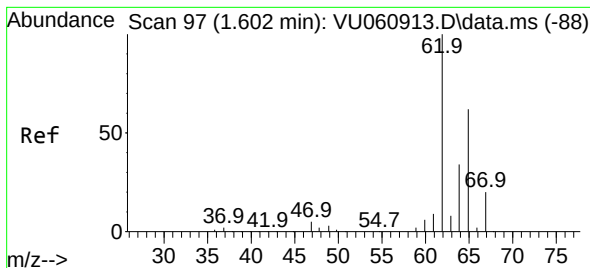
Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 8.027 ug/L

RT: 1.644 min Scan# 11

Delta R.T. 0.042 min

Lab File: VU060921.D

Acq: 20 Sep 2024 03:01

Instrument :

MSVOA_U

ClientSampleId :

BH8Q0

Tgt Ion: 62 Resp: 86394

Ion Ratio Lower Upper

62 100

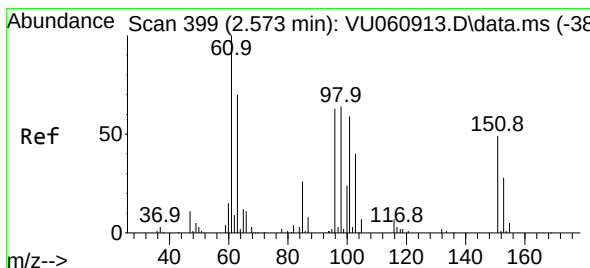
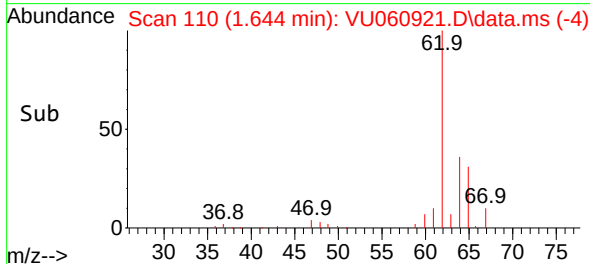
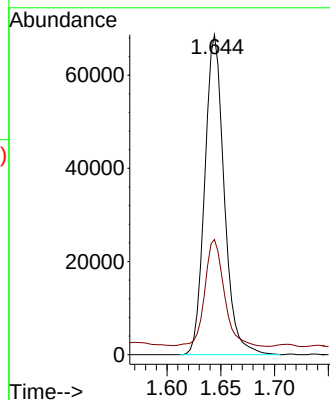
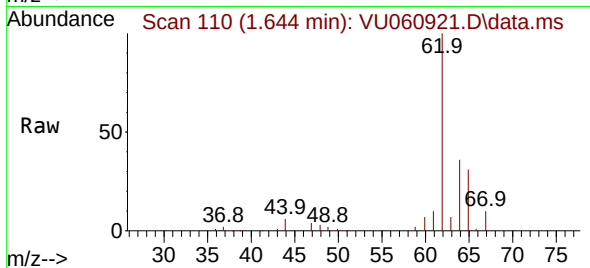
64 36.0 24.0 44.6

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 17.839 ug/L

RT: 2.660 min Scan# 426

Delta R.T. 0.087 min

Lab File: VU060921.D

Acq: 20 Sep 2024 03:01

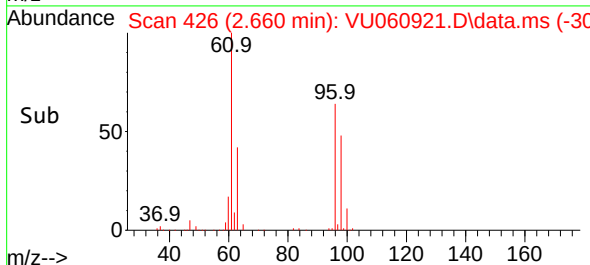
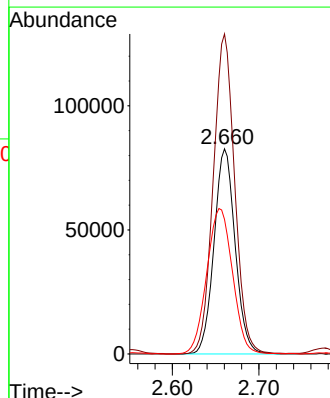
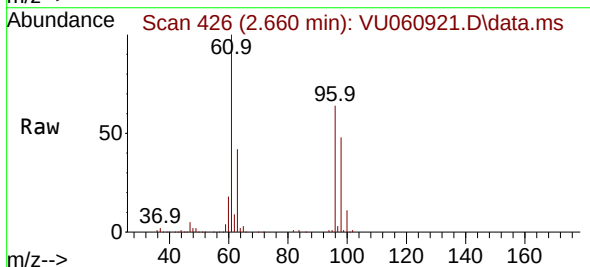
Tgt Ion: 96 Resp: 139945

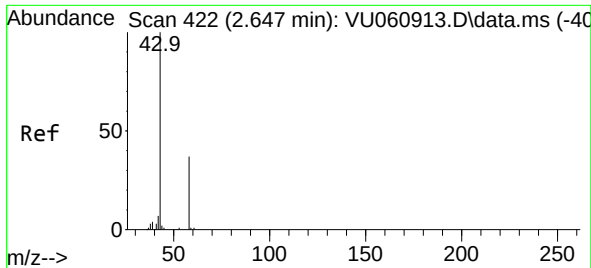
Ion Ratio Lower Upper

96 100

61 156.1 120.7 224.1

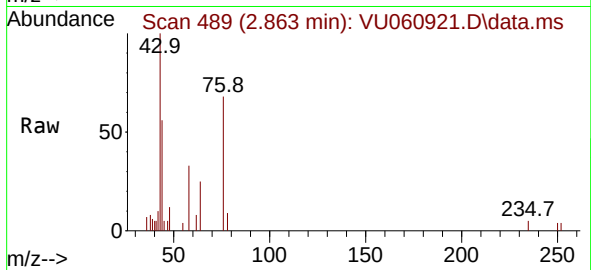
63 65.6 90.0 167.2#





#13
Acetone
Concen: 18.062 ug/L m
RT: 2.863 min Scan# 41
Delta R.T. 0.216 min
Lab File: VU060921.D
Acq: 20 Sep 2024 03:01

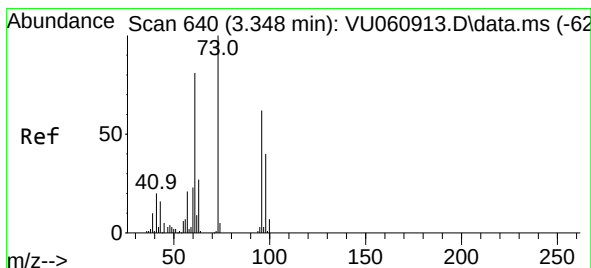
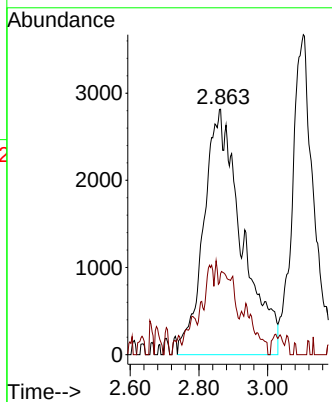
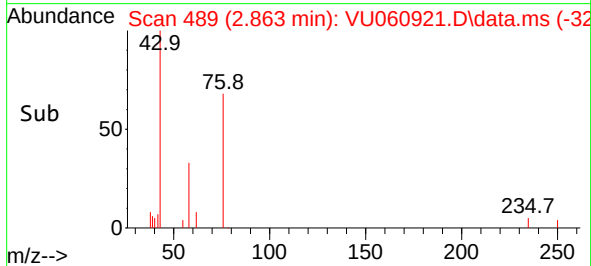
Instrument :
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ClientSampleId :
BH8Q0



Tgt Ion: 43 Resp: 21699
Ion Ratio Lower Upper
43 100
58 0.9 0.0 69.6

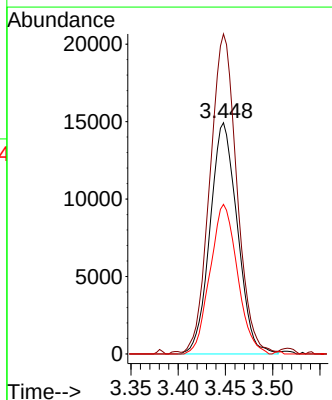
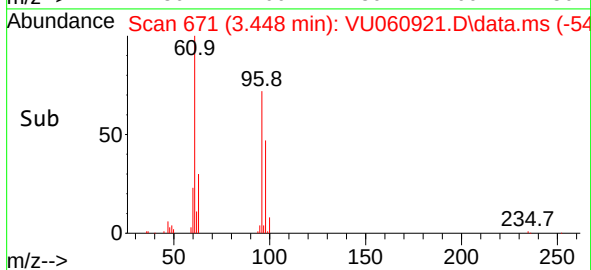
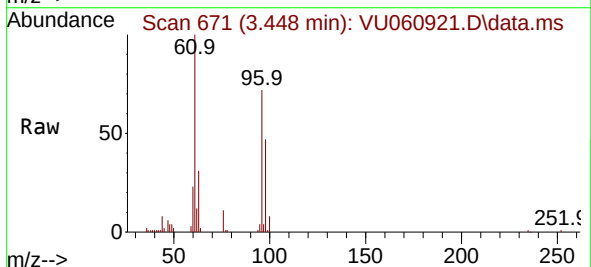
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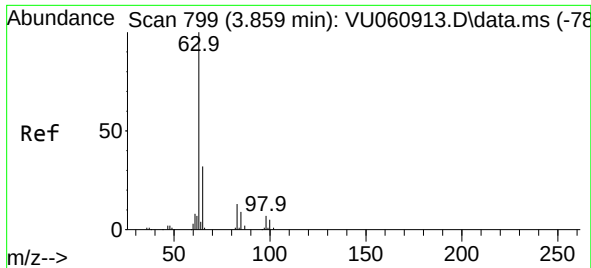
Reviewed By :Mahesh Dadoda 09/23/2024
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#18
trans-1,2-Dichloroethene
Concen: 3.685 ug/L
RT: 3.448 min Scan# 671
Delta R.T. 0.100 min
Lab File: VU060921.D
Acq: 20 Sep 2024 03:01

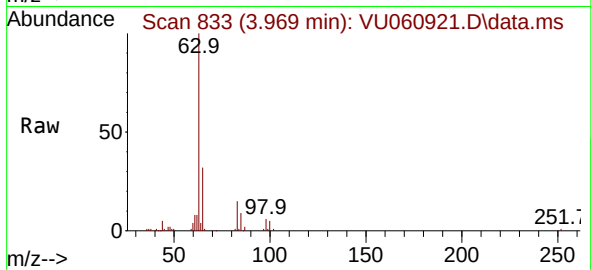
Tgt Ion: 96 Resp: 29958
Ion Ratio Lower Upper
96 100
61 138.4 97.2 180.6
98 64.7 43.3 80.5





#19
1,1-Dichloroethane
Concen: 4.575 ug/L
RT: 3.969 min Scan# 811
Delta R.T. 0.110 min
Lab File: VU060921.D
Acq: 20 Sep 2024 03:01

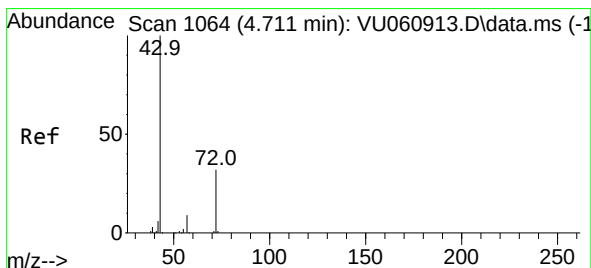
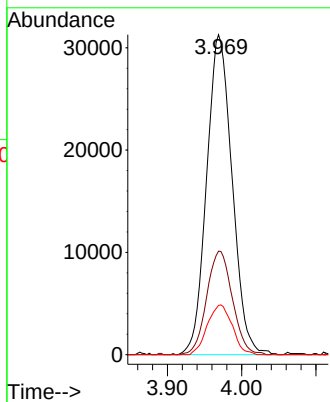
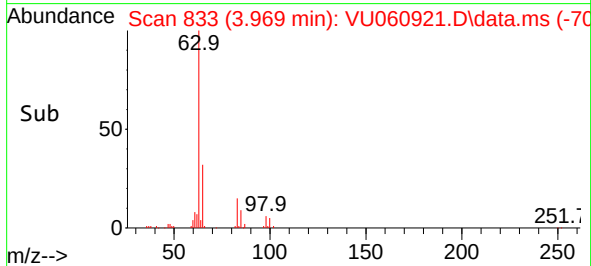
Instrument :
MSVOA_U
ClientSampleId :
BH8Q0



Tgt Ion: 63 Resp: 7466
Ion Ratio Lower Upper
63 100
65 32.4 23.0 42.8
83 15.4 9.0 16.6

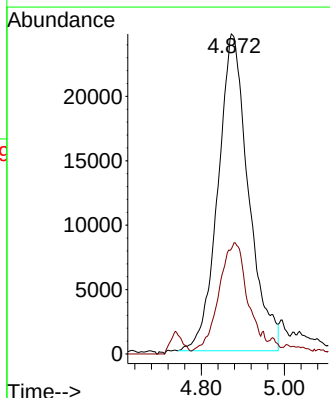
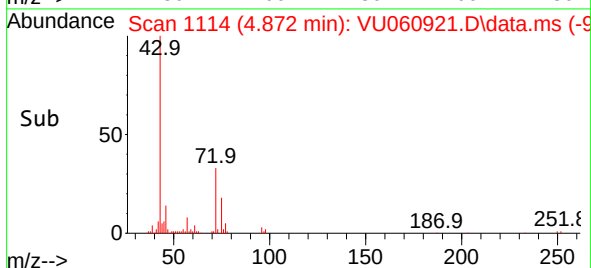
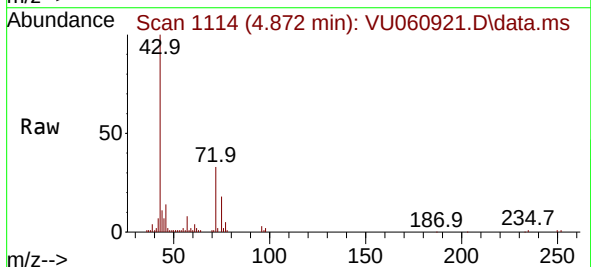
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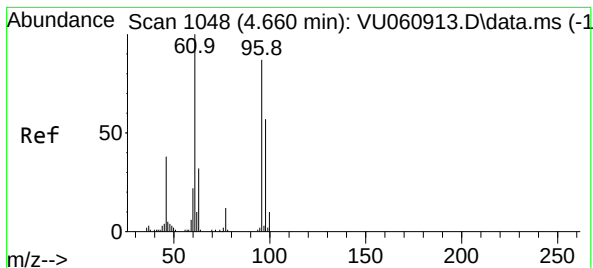
Reviewed By :Mahesh Dadoda 09/23/2024
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#21
2-Butanone
Concen: 64.233 ug/L
RT: 4.872 min Scan# 1114
Delta R.T. 0.161 min
Lab File: VU060921.D
Acq: 20 Sep 2024 03:01

Tgt Ion: 43 Resp: 125619
Ion Ratio Lower Upper
43 100
72 31.4 14.8 44.3





#22

cis-1,2-Dichloroethene

Concen: 42.312 ug/L

RT: 4.740 min Scan# 1048

Delta R.T. 0.081 min

Lab File: VU060921.D

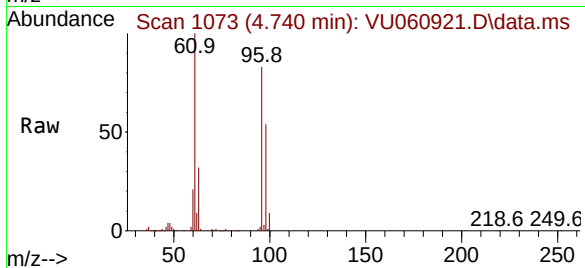
Acq: 20 Sep 2024 03:01

Instrument :

MSVOA_U

ClientSampleId :

BH8Q0



Tgt Ion: 96 Resp: 38066

Ion Ratio Lower Upper

96 100

61 120.6 89.7 166.5

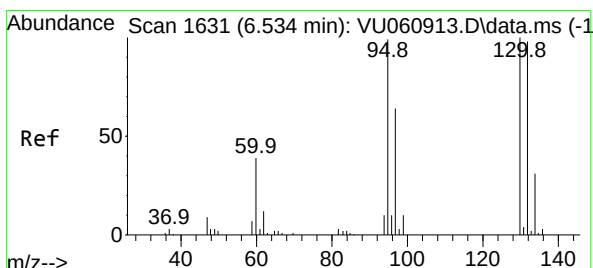
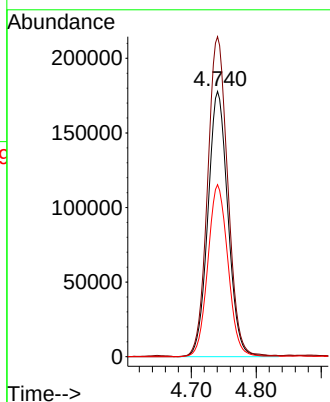
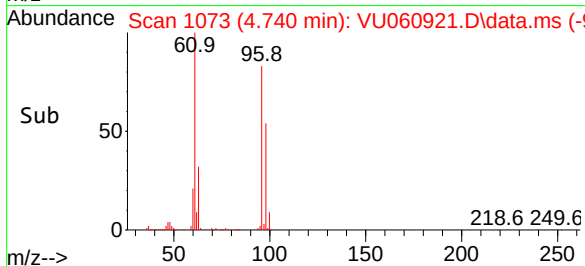
98 64.8 45.1 83.9

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#34

Trichloroethene

Concen: 10.361 ug/L

RT: 6.621 min Scan# 1658

Delta R.T. 0.087 min

Lab File: VU060921.D

Acq: 20 Sep 2024 03:01

Tgt Ion: 95 Resp: 108489

Ion Ratio Lower Upper

95 100

97 66.8 44.9 83.5

132 105.5 63.5 117.9

130 107.0 70.2 130.4

