

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054939.D
 Acq On : 28 Aug 2023 21:30
 Operator : MD/SY
 Sample : 04173-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAM0

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/31/2023
 Supervised By : Mahesh Dadoda 08/31/2023

Quant Time: Aug 29 05:03:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:51:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180382	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171949	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	89306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25684	4.511	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.911	69	34546	4.697	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.563	65	15546	4.831	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.600%	
20) 2-Butanone-d5	4.631	46	187320	60.954	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.900%	
24) Chloroform-d	5.062	84	102985	4.876	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.701	65	58029	5.164	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.200%	
32) Benzene-d6	5.724	84	184309	4.769	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.689	67	66898	4.921	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.898	98	172746	4.667	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	8.180	79	20146	4.503	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.634	63	128569	60.549	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	121.100%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60687	5.206	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	70507	4.945	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.800%	
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3321	0.285	ug/L	85
5) Vinyl chloride	1.602	62	6880	0.568	ug/L	90
8) Chloroethane	1.933	64	2515	0.316	ug/L	98
12) 1,1-Dichloroethene	2.579	96	4153	0.510	ug/L #	1
13) Acetone	2.634	43	15596m	9.389	ug/L	
18) trans-1,2-Dichloroethene	3.358	96	8745	0.983	ug/L	98
19) 1,1-Dichloroethane	3.869	63	2419	0.130	ug/L	94
21) 2-Butanone	4.718	43	36907	14.500	ug/L	78
22) cis-1,2-Dichloroethene	4.663	96	592968	55.879	ug/L	95
33) Benzene	5.769	78	6234	0.154	ug/L	100
34) Trichloroethene	6.541	95	1491139	132.644	ug/L	98
47) Tetrachloroethene	8.550	164	36574	4.528	ug/L	96
51) Chlorobenzene	9.447	112	26987	0.921	ug/L	95
65) 1,4-Dichlorobenzene	11.839	146	5113	0.229	ug/L	93

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

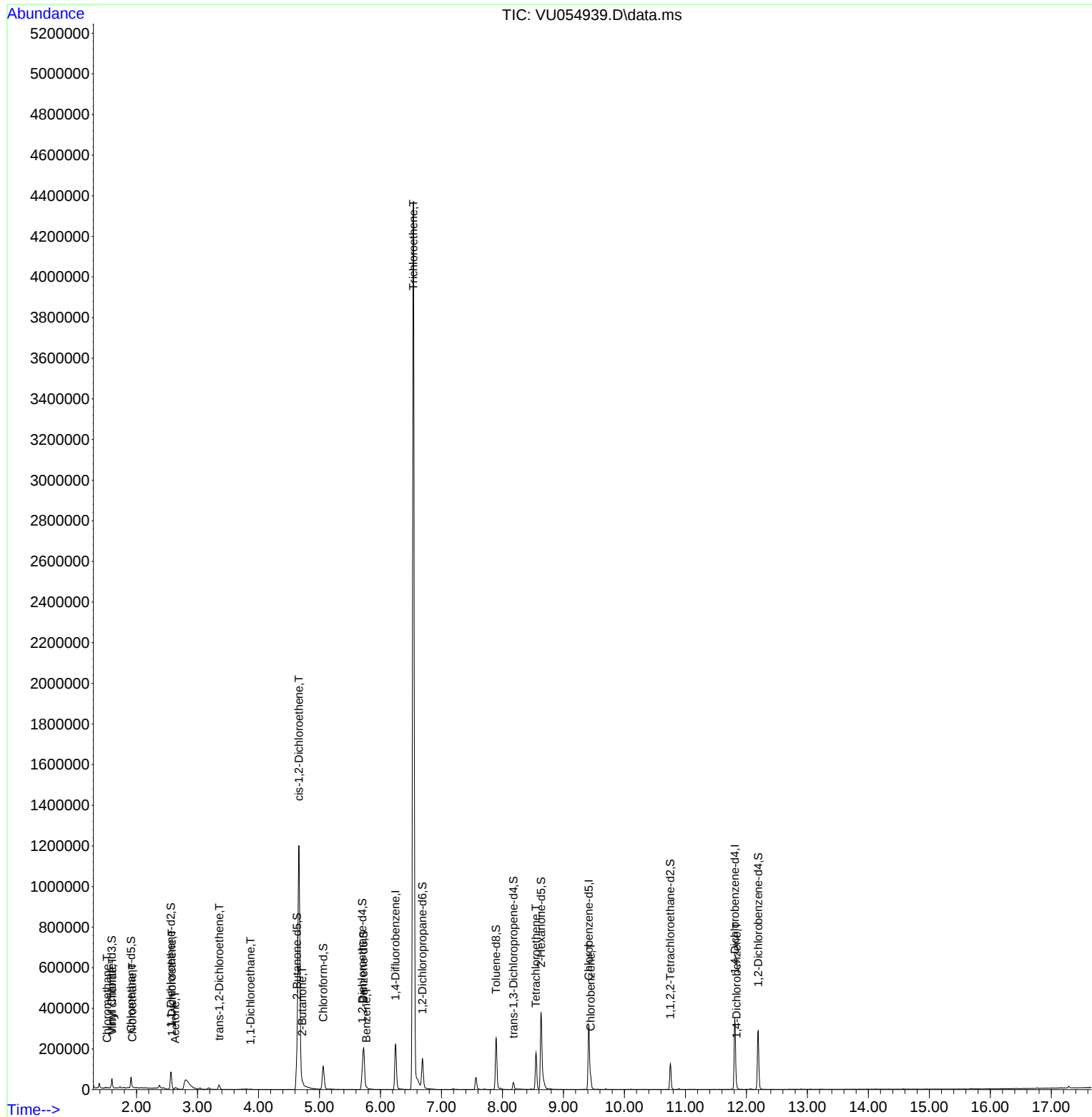
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
Data File : VU054939.D
Acq On : 28 Aug 2023 21:30
Operator : MD/SY
Sample : 04173-16
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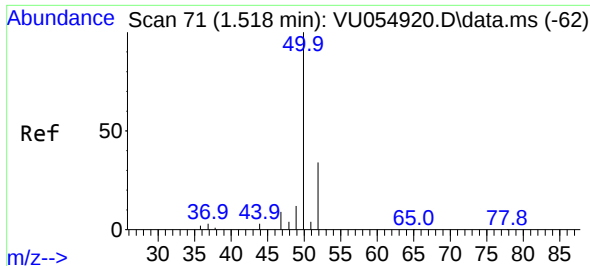
Instrument :
MSVOA_U
ClientSampleId :
COAM0

Quant Time: Aug 29 05:03:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 29 04:51:39 2023
Response via : Initial Calibration

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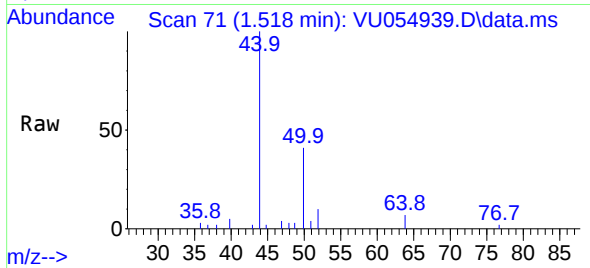
Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023





#3
Chloromethane
Concen: 0.285 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054939.D
Acq: 28 Aug 2023 21:30

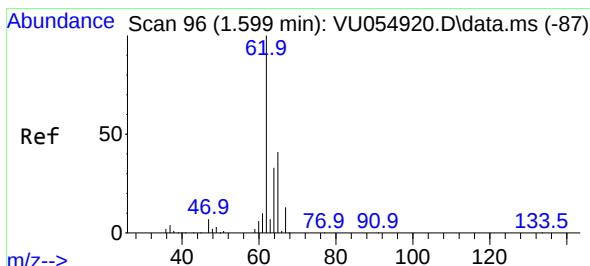
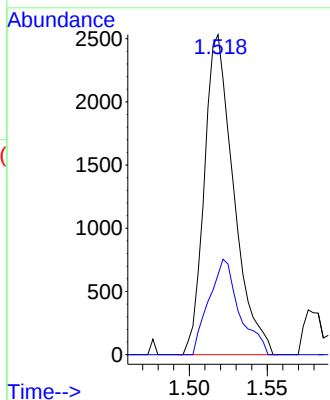
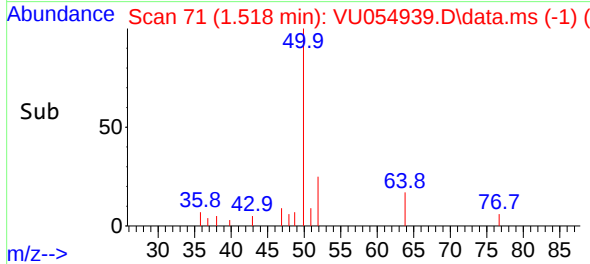
Instrument :
MSVOA_U
ClientSampleId :
COAM0



Tgt Ion: 50 Resp: 332
Ion Ratio Lower Upper
50 100
52 25.0 23.4 43.6

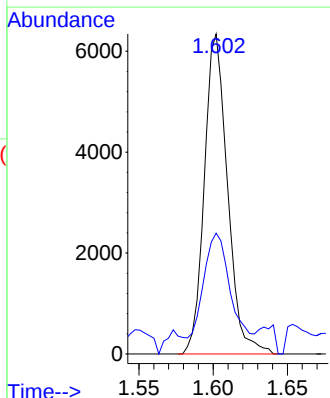
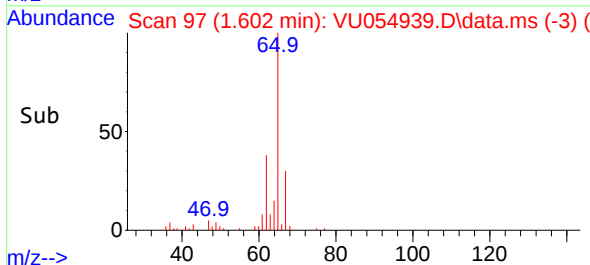
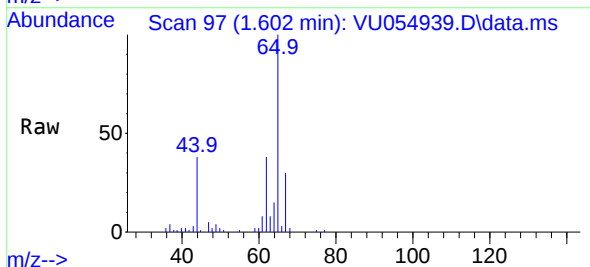
Manual Integrations
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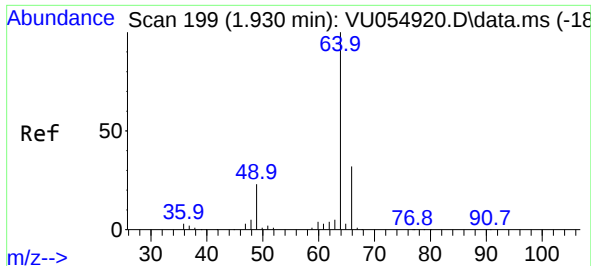
Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#5
Vinyl chloride
Concen: 0.568 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU054939.D
Acq: 28 Aug 2023 21:30

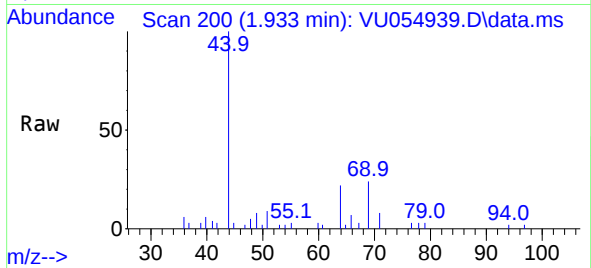
Tgt Ion: 62 Resp: 6880
Ion Ratio Lower Upper
62 100
64 37.8 22.7 42.1





#8
Chloroethane
Concen: 0.316 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054939.D
Acq: 28 Aug 2023 21:30

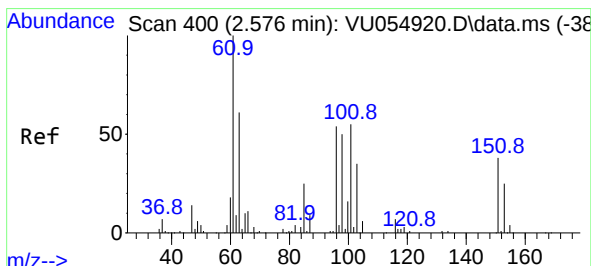
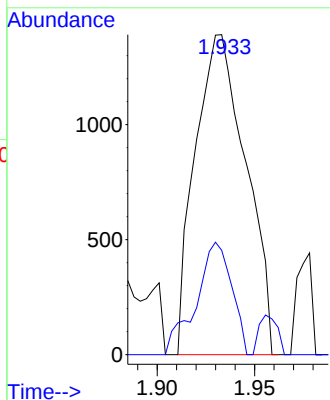
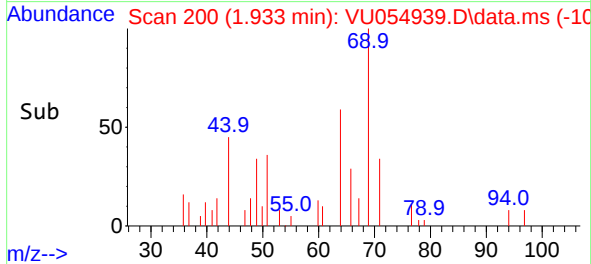
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MSVOA_U
ClientSampleId :
COAM0



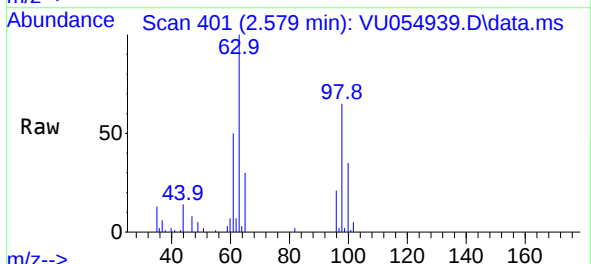
Tgt Ion: 64 Resp: 251
Ion Ratio Lower Upper
64 100
66 29.9 21.5 39.9

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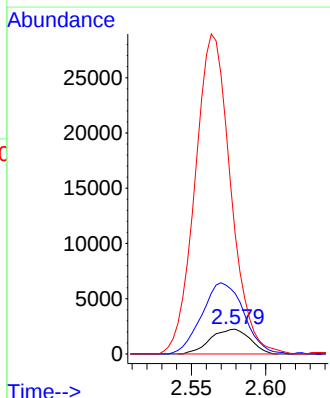
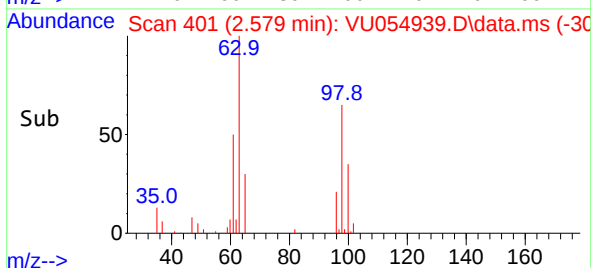
Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023

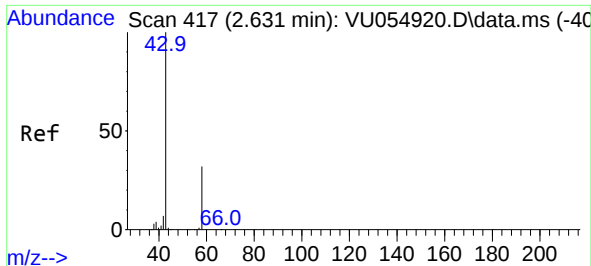


#12
1,1-Dichloroethene
Concen: 0.510 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU054939.D
Acq: 28 Aug 2023 21:30



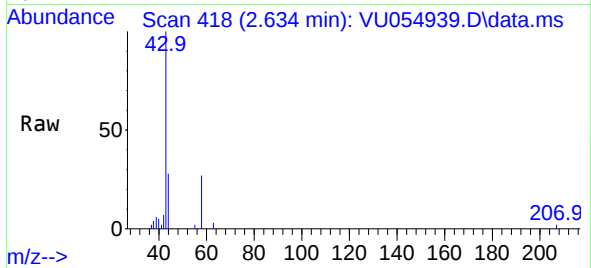
Tgt Ion: 96 Resp: 4153
Ion Ratio Lower Upper
96 100
61 243.7 132.4 245.8
63 483.4 82.5 153.1#





#13
Acetone
Concen: 9.389 ug/L m
RT: 2.634 min Scan# 417
Delta R.T. 0.003 min
Lab File: VU054939.D
Acq: 28 Aug 2023 21:30

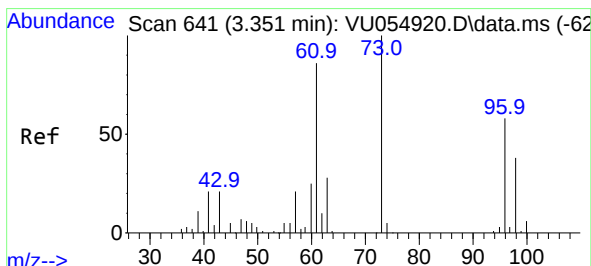
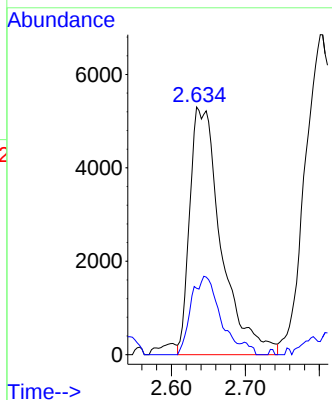
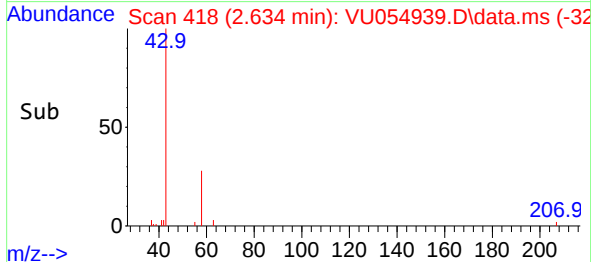
Instrument :
MSVOA_U
ClientSampleId :
COAM0



Tgt Ion: 43 Resp: 15590
Ion Ratio Lower Upper
43 100
58 3.9 0.0 64.4

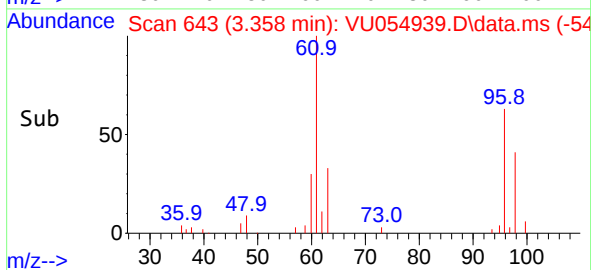
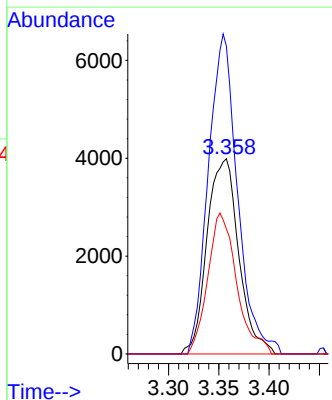
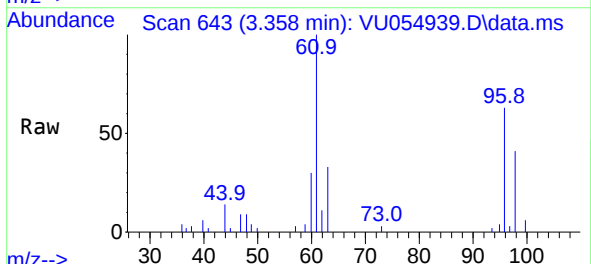
Manual Integrations
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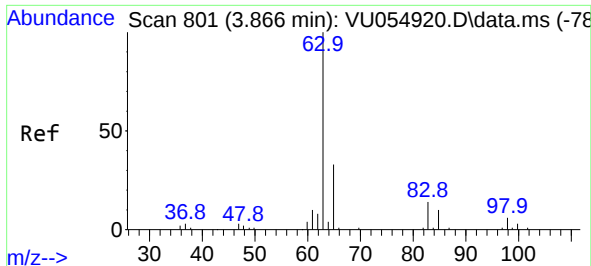
Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#18
trans-1,2-Dichloroethene
Concen: 0.983 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU054939.D
Acq: 28 Aug 2023 21:30

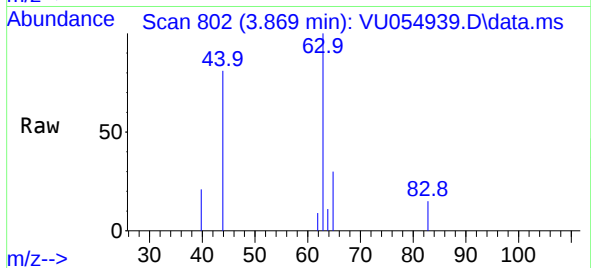
Tgt Ion: 96 Resp: 8745
Ion Ratio Lower Upper
96 100
61 157.8 108.8 202.0
98 64.2 45.8 85.2





#19
1,1-Dichloroethane
Concen: 0.130 ug/L
RT: 3.869 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU054939.D
Acq: 28 Aug 2023 21:30

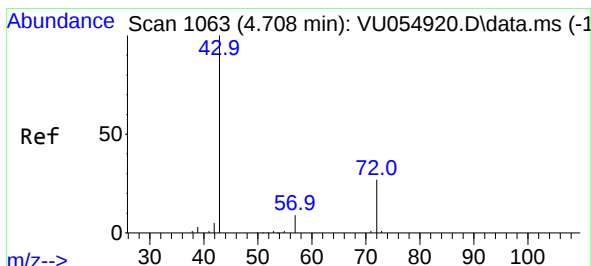
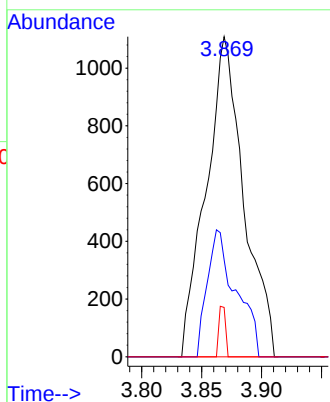
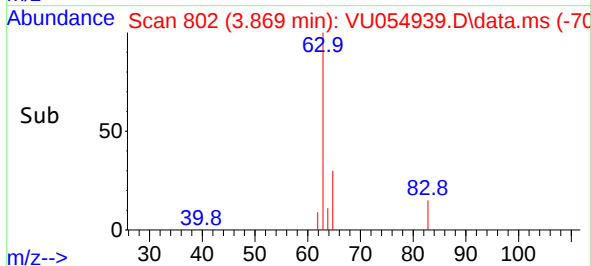
Instrument :
MSVOA_U
ClientSampleId :
COAM0



Tgt Ion: 63 Resp: 2419
Ion Ratio Lower Upper
63 100
65 27.3 22.5 41.7
83 13.9 9.5 17.7

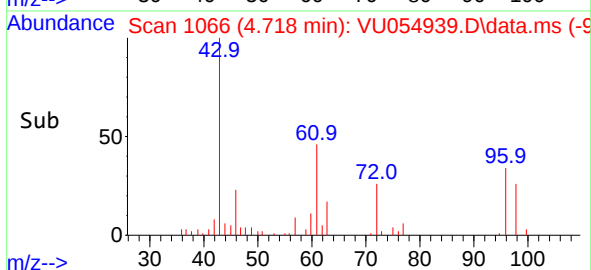
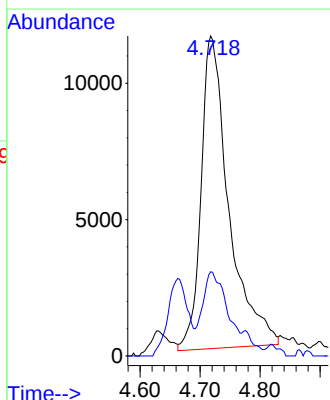
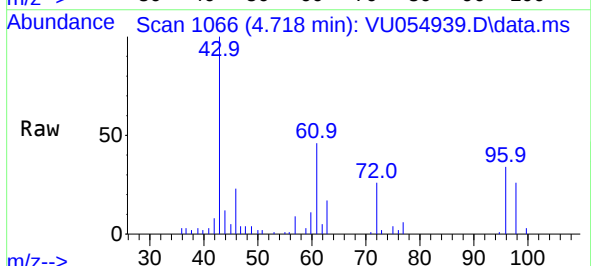
Manual Integrations
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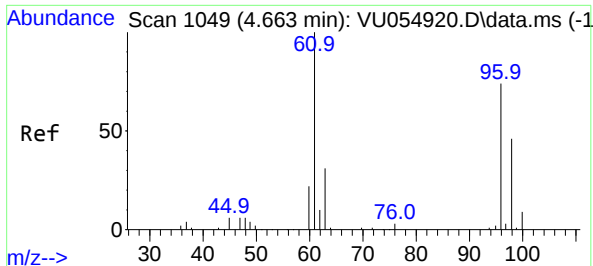
Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#21
2-Butanone
Concen: 14.500 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.010 min
Lab File: VU054939.D
Acq: 28 Aug 2023 21:30

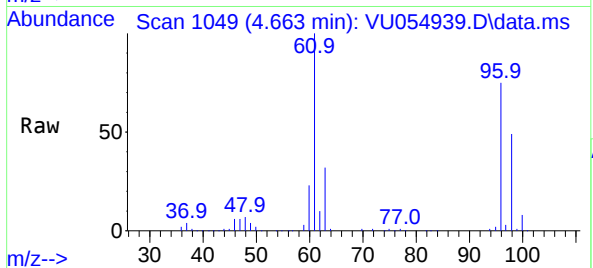
Tgt Ion: 43 Resp: 36907
Ion Ratio Lower Upper
43 100
72 16.6 14.1 42.3





#22
cis-1,2-Dichloroethene
Concen: 55.879 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054939.D
Acq: 28 Aug 2023 21:30

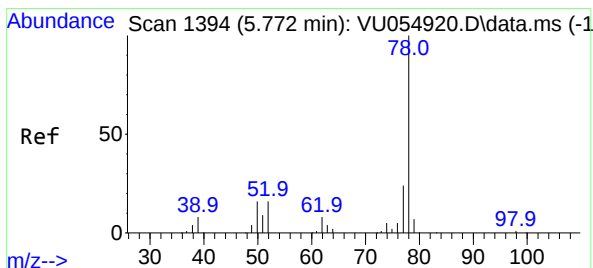
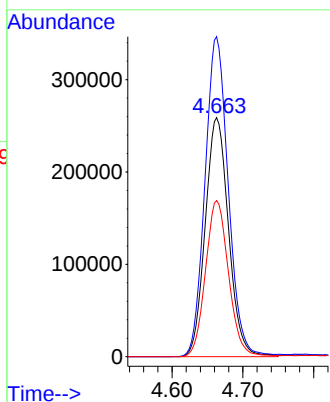
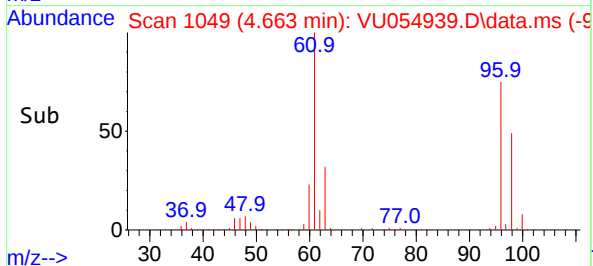
Instrument :
MSVOA_U
ClientSampleId :
COAM0



Tgt Ion: 96 Resp: 592968
Ion Ratio Lower Upper
96 100
61 133.9 88.4 164.2
98 65.3 44.0 81.6

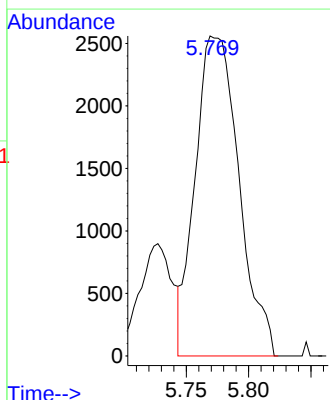
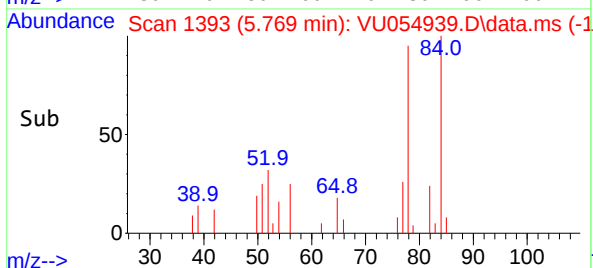
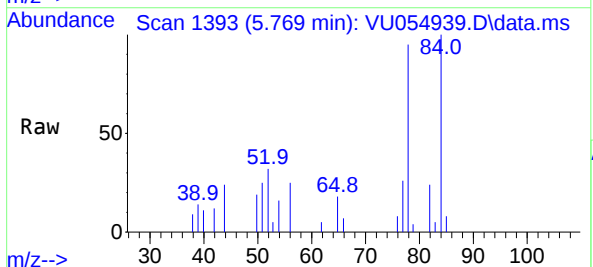
Manual Integrations
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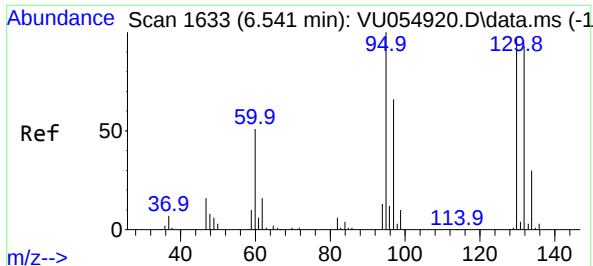
Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#33
Benzene
Concen: 0.154 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.003 min
Lab File: VU054939.D
Acq: 28 Aug 2023 21:30

Tgt Ion: 78 Resp: 6234





#34

Trichloroethene

Concen: 132.644 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054939.D

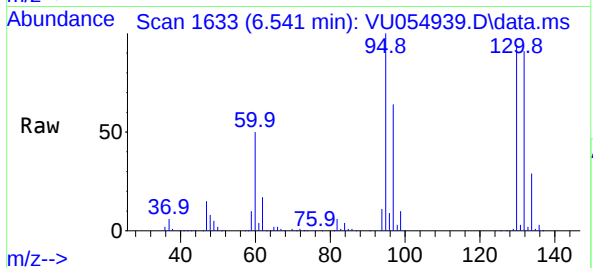
Acq: 28 Aug 2023 21:30

Instrument :

MSVOA_U

ClientSampleId :

COAM0



Tgt Ion: 95 Resp: 1491139

Ion Ratio Lower Upper

95 100

97 64.3 44.1 81.9

132 91.2 63.6 118.2

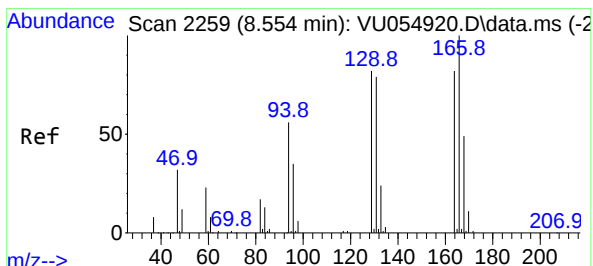
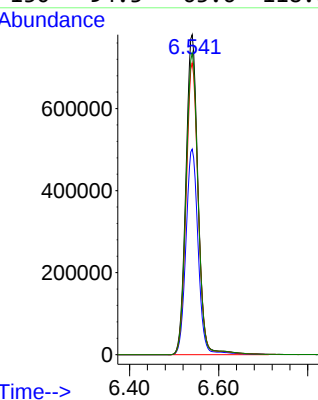
130 94.3 63.6 118.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/31/2023

Supervised By :Mahesh Dadoda 08/31/2023



#47

Tetrachloroethene

Concen: 4.528 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.003 min

Lab File: VU054939.D

Acq: 28 Aug 2023 21:30

Tgt Ion:164 Resp: 36574

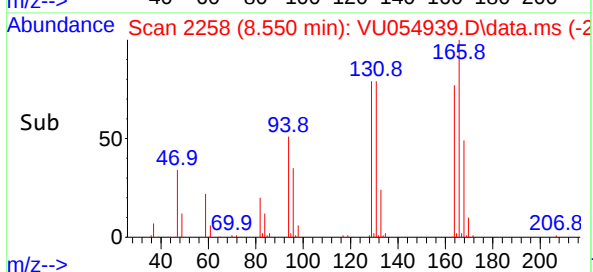
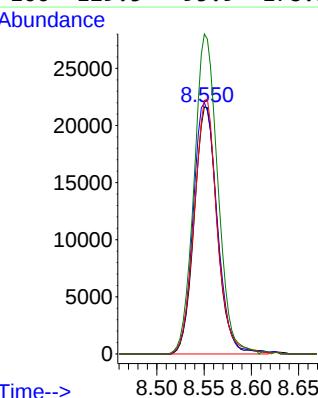
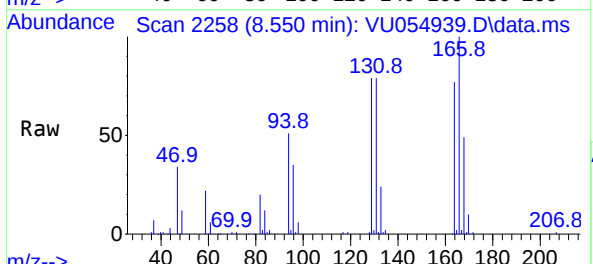
Ion Ratio Lower Upper

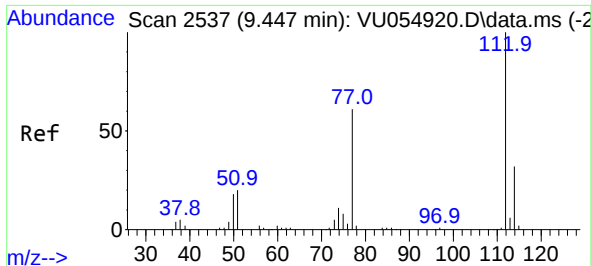
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129 101.7 72.8 135.2

131 102.7 70.7 131.3

166 129.5 95.9 178.1





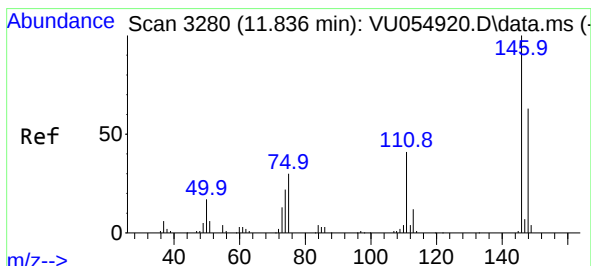
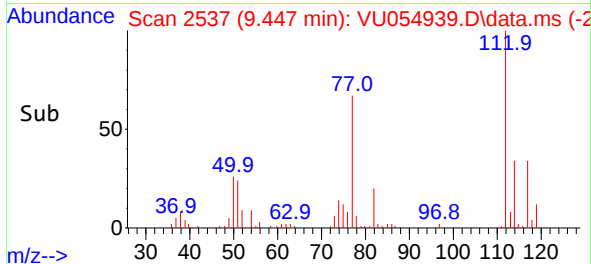
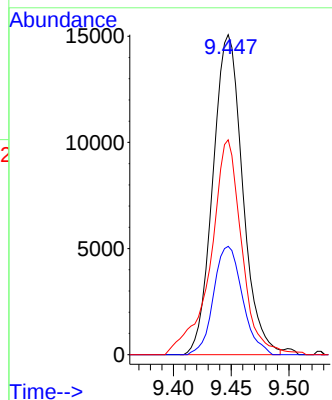
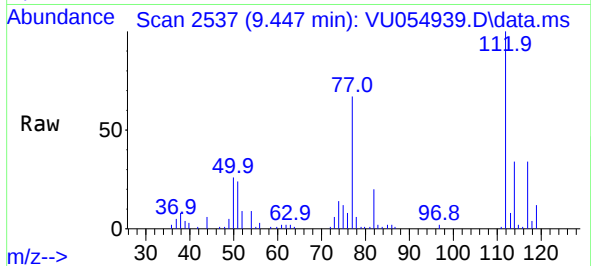
#51
Chlorobenzene
Concen: 0.921 ug/L
RT: 9.447 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU054939.D
Acq: 28 Aug 2023 21:30

Instrument :
MSVOA_U
ClientSampleId :
COAM0

Tgt Ion:	112	Resp:	2698
Ion Ratio	Lower	Upper	
112	100		
114	33.8	23.4	43.4
77	67.2	49.3	73.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/31/2023
Supervised By :Mahesh Dadoda 08/31/2023



#65
1,4-Dichlorobenzene
Concen: 0.229 ug/L
RT: 11.839 min Scan# 3281
Delta R.T. 0.003 min
Lab File: VU054939.D
Acq: 28 Aug 2023 21:30

Tgt Ion:	146	Resp:	5113
Ion Ratio	Lower	Upper	
146	100		
111	40.8	29.9	55.5
148	70.9	44.7	83.1

