

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058450.D
 Acq On : 06 Apr 2024 03:42
 Operator : MD/SY
 Sample : P1948-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
 Supervised By :Semsettin Yesilyurt 04/08/2024

Quant Time: Apr 06 06:02:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	84194	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22930	4.114	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	82.200%		
7) Chloroethane-d5	1.907	69	20945	4.324	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	86.400%		
11) 1,1-Dichloroethene-d2	2.557	65	16084	6.375	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	127.600%#		
20) 2-Butanone-d5	4.634	46	59443	50.603	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	101.200%		
24) Chloroform-d	5.055	84	52666	4.733	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	94.600%		
26) 1,2-Dichloroethane-d4	5.698	65	24986	4.811	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.200%		
32) Benzene-d6	5.724	84	103214	4.890	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	97.800%		
36) 1,2-Dichloropropane-d6	6.682	67	32582	4.922	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	98.400%		
41) Toluene-d8	7.891	98	86534	4.623	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.400%		
43) trans-1,3-Dichloroprop...	8.174	79	10389	5.056	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	101.200%		
46) 2-Hexanone-d5	8.631	63	42307	49.919	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	99.840%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22220	4.755	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	95.000%		
66) 1,2-Dichlorobenzene-d4	12.187	152	26776	4.694	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	93.800%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	14937	1.741	ug/L	96
8) Chloroethane	1.930	64	4069	0.751	ug/L	94
12) 1,1-Dichloroethene	2.560	96	17978545m	3013.090	ug/L	
16) Methylene chloride	3.039	84	2408	0.304	ug/L	97
19) 1,1-Dichloroethane	3.859	63	7102614	520.353	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	2431	0.346	ug/L	93
25) Chloroform	5.081	83	31781	2.406	ug/L	100
27) 1,2-Dichloroethane	5.788	62	44668	5.552	ug/L	98
29) 1,1,1-Trichloroethane	5.303	97	52437601m	4988.535	ug/L	
34) Trichloroethene	6.534	95	765295	106.826	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	2300	0.527	ug/L	94
47) Tetrachloroethene	8.547	164	18645	3.550	ug/L	98

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

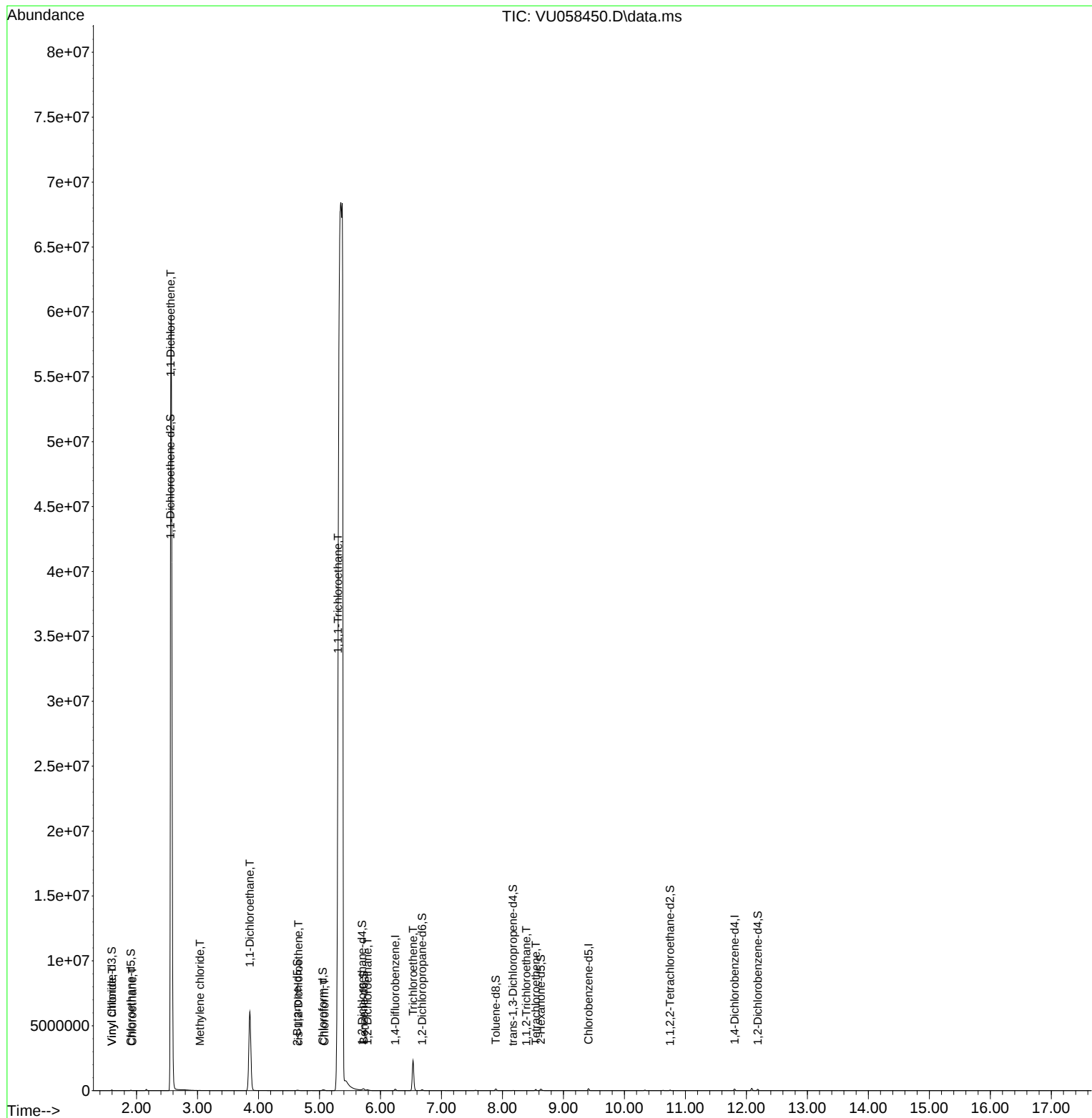
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058450.D
Acq On : 06 Apr 2024 03:42
Operator : MD/SY
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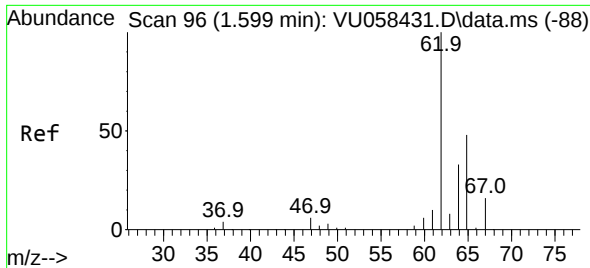
Instrument :
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ClientSampleId :
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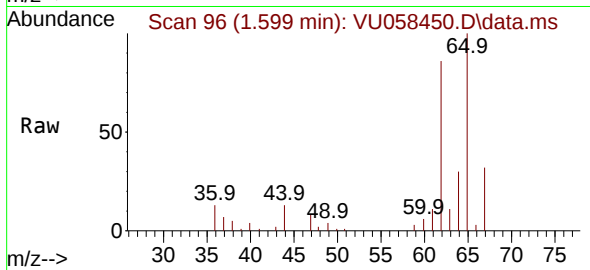
Quant Time: Apr 06 06:02:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 06 00:37:11 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 1.741 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058450.D
 Acq: 06 Apr 2024 03:42

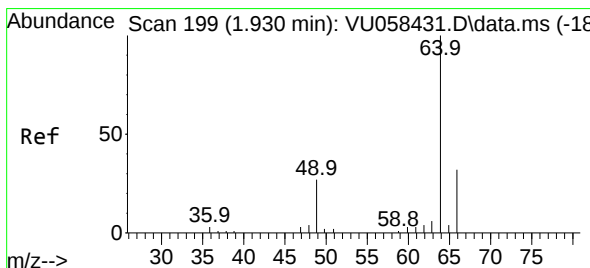
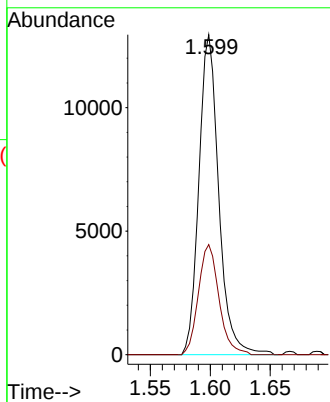
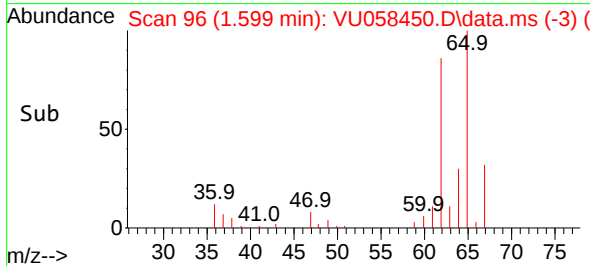
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK5



Tgt Ion: 62 Resp: 1493
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.6 42.0

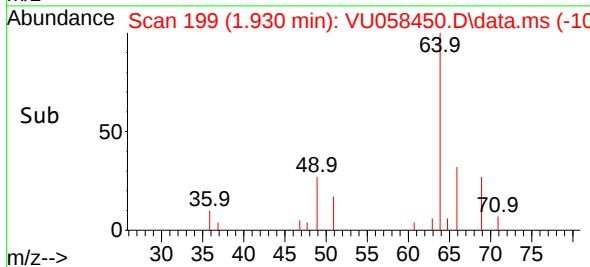
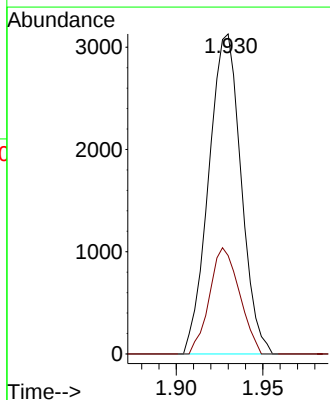
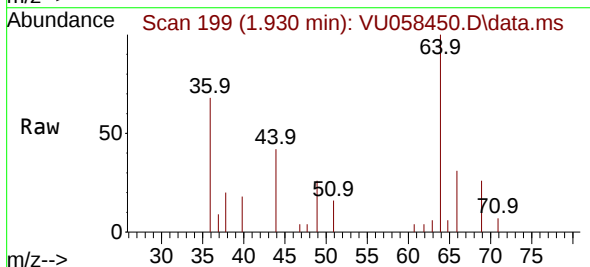
Manual Integrations
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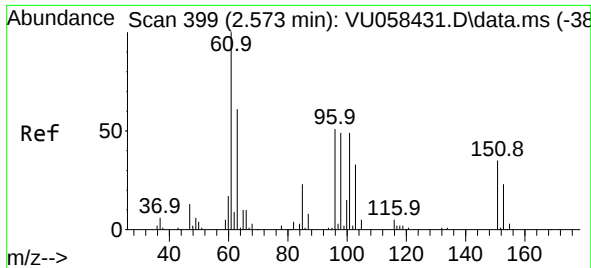
Reviewed By :Mahesh Dadoda 04/08/2024
 Supervised By :Semsettin Yesilyurt 04/08/2024



#8
 Chloroethane
 Concen: 0.751 ug/L
 RT: 1.930 min Scan# 199
 Delta R.T. 0.000 min
 Lab File: VU058450.D
 Acq: 06 Apr 2024 03:42

Tgt Ion: 64 Resp: 4069
 Ion Ratio Lower Upper
 64 100
 66 29.1 22.5 41.9





#12

1,1-Dichloroethene

Concen: 3013.090 ug/L m

RT: 2.560 min Scan# 399

Delta R.T. -0.013 min

Lab File: VU058450.D

Acq: 06 Apr 2024 03:42

Instrument :

MSVOA_U

ClientSampleId :

C0AK5

Tgt Ion: 96 Resp:1797854

Ion Ratio Lower Upper

96 100

61 100.0 132.5 246.1

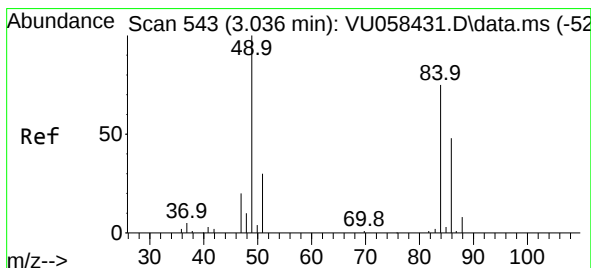
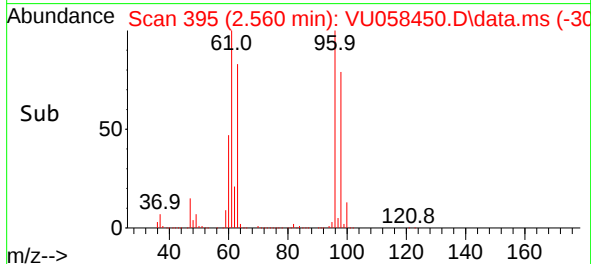
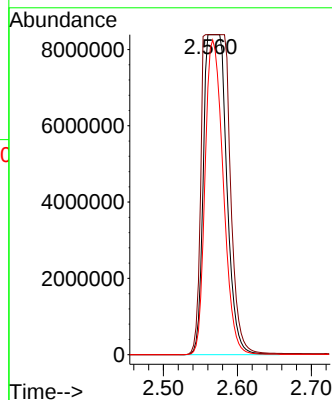
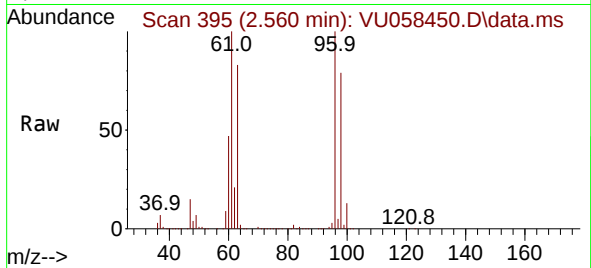
63 83.4 87.7 162.9

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#16

Methylene chloride

Concen: 0.304 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.003 min

Lab File: VU058450.D

Acq: 06 Apr 2024 03:42

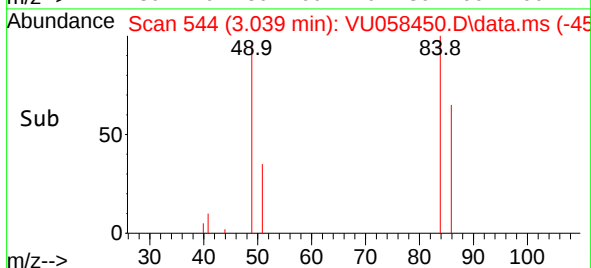
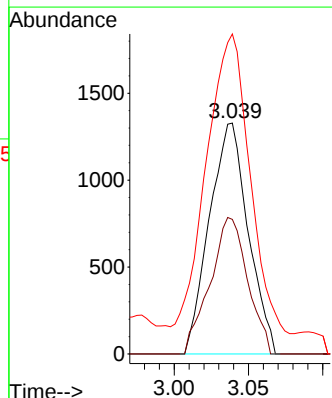
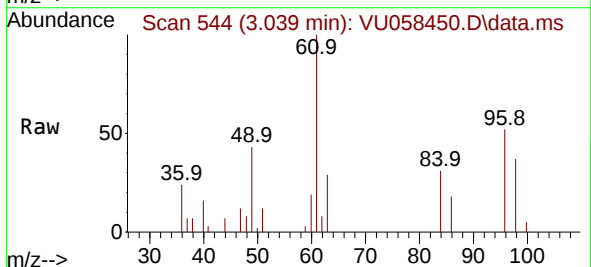
Tgt Ion: 84 Resp: 2408

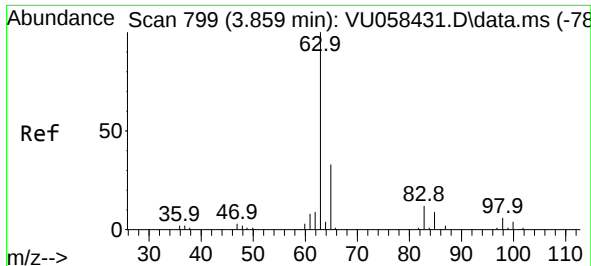
Ion Ratio Lower Upper

84 100

86 58.3 44.3 82.3

49 138.6 96.0 178.2





#19

1,1-Dichloroethane

Concen: 520.353 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU058450.D

Acq: 06 Apr 2024 03:42

Instrument :

MSVOA_U

ClientSampleId :

C0AK5

Tgt Ion: 63 Resp: 7102614

Ion Ratio Lower Upper

63 100

65 32.1 22.9 42.5

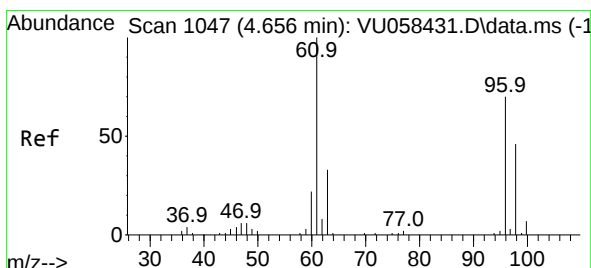
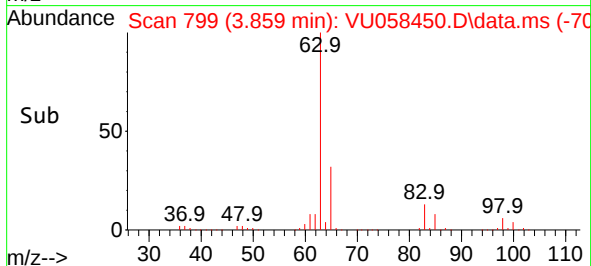
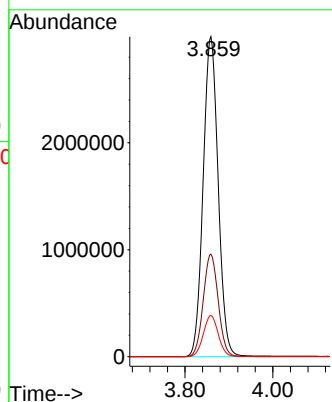
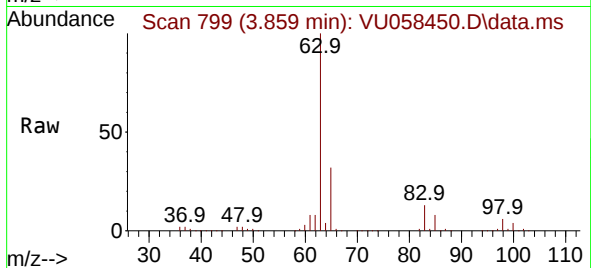
83 12.9 9.6 17.8

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#22

cis-1,2-Dichloroethene

Concen: 0.346 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU058450.D

Acq: 06 Apr 2024 03:42

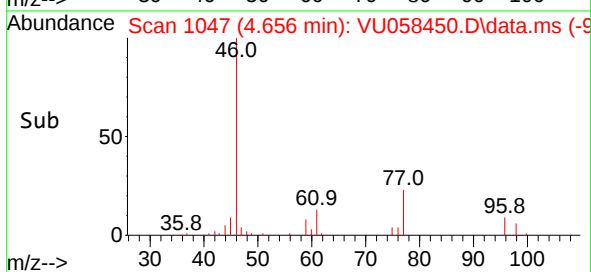
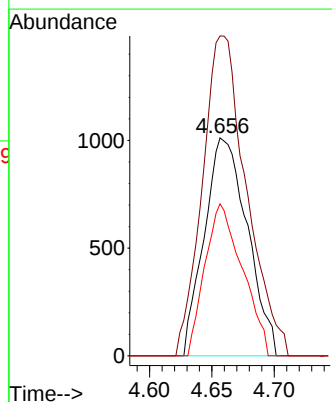
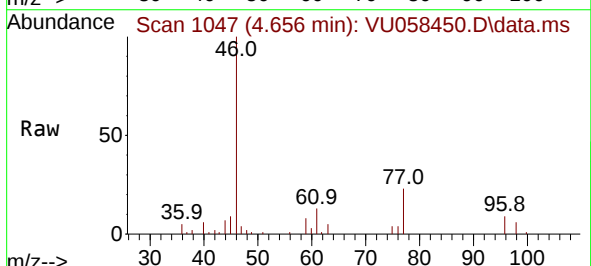
Tgt Ion: 96 Resp: 2431

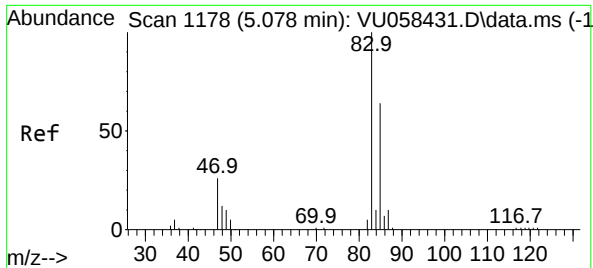
Ion Ratio Lower Upper

96 100

61 146.7 98.1 182.3

98 69.8 43.6 81.0





#25

Chloroform

Concen: 2.406 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU058450.D

Acq: 06 Apr 2024 03:42

Instrument :

MSVOA_U

ClientSampleId :

C0AK5

Tgt Ion: 83 Resp: 3178

Ion Ratio Lower Upper

83 100

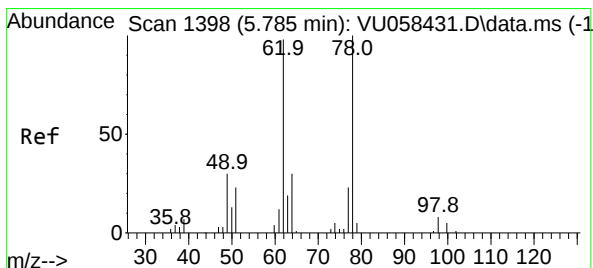
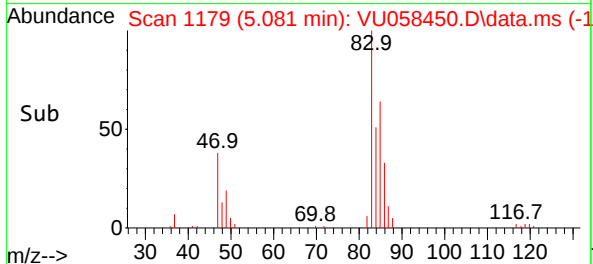
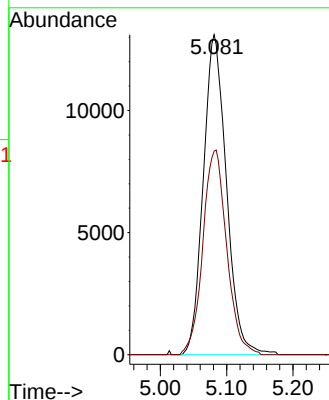
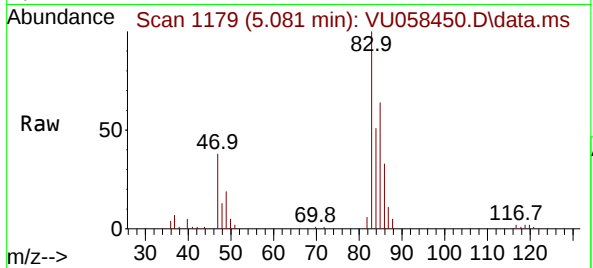
85 63.6 44.7 83.1

Manual Integrations

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#27

1,2-Dichloroethane

Concen: 5.552 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.003 min

Lab File: VU058450.D

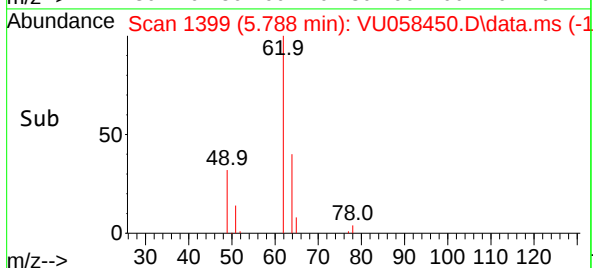
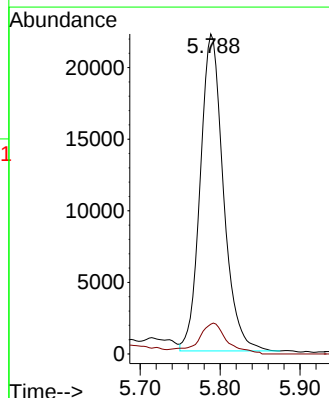
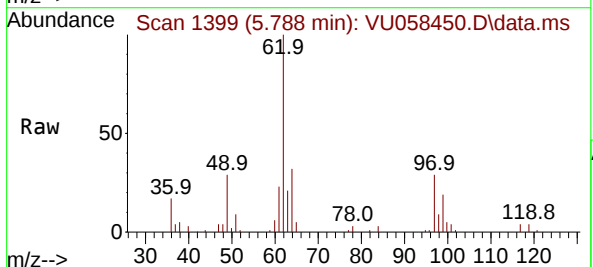
Acq: 06 Apr 2024 03:42

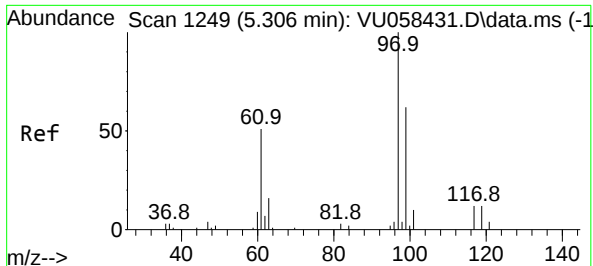
Tgt Ion: 62 Resp: 44668

Ion Ratio Lower Upper

62 100

98 9.3 7.0 10.4





#29

1,1,1-Trichloroethane

Concen: 4988.535 ug/L m

RT: 5.303 min Scan# 1248

Delta R.T. -0.003 min

Lab File: VU058450.D

Acq: 06 Apr 2024 03:42

Instrument :

MSVOA_U

ClientSampleId :

C0AK5

Tgt Ion: 97 Resp: 5243760

Ion Ratio Lower Upper

97 100

99 0.0 50.4 75.6

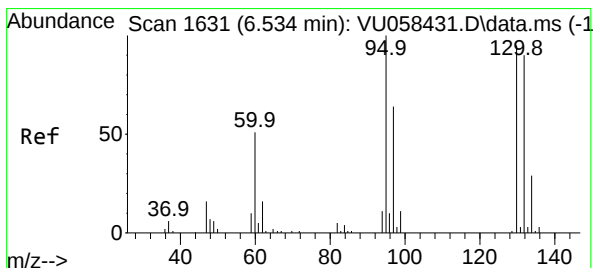
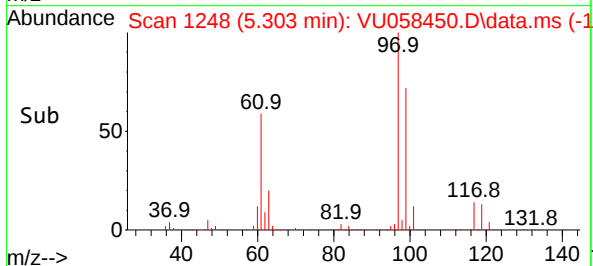
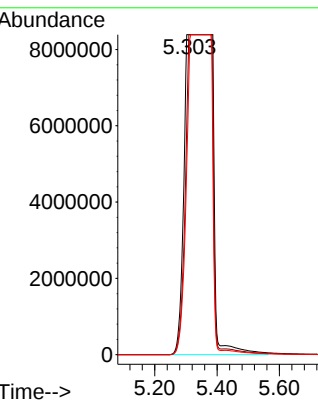
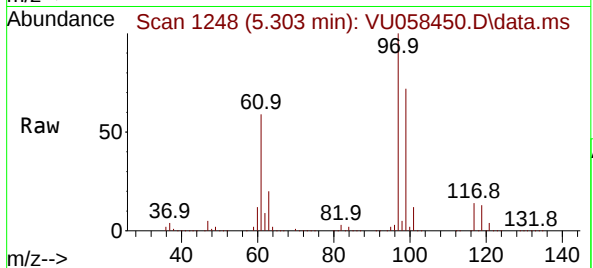
61 0.0 39.4 59.0

Manual Integrations

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#34

Trichloroethene

Concen: 106.826 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU058450.D

Acq: 06 Apr 2024 03:42

Tgt Ion: 95 Resp: 765295

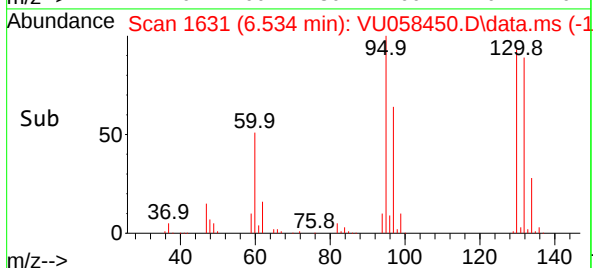
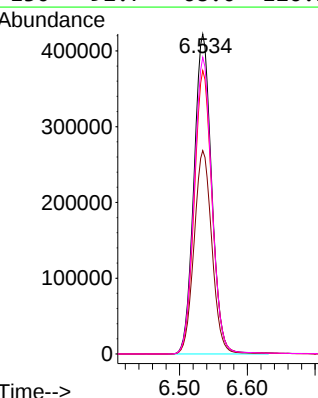
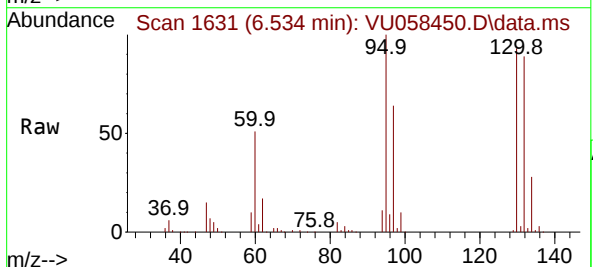
Ion Ratio Lower Upper

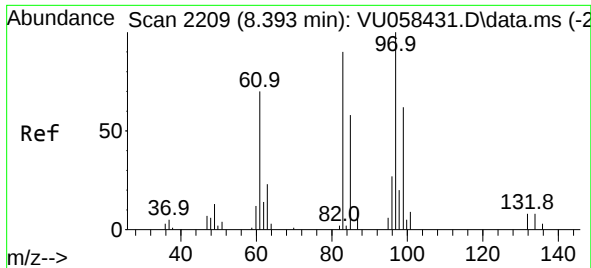
95 100

97 63.5 45.6 84.6

132 88.5 64.8 120.3

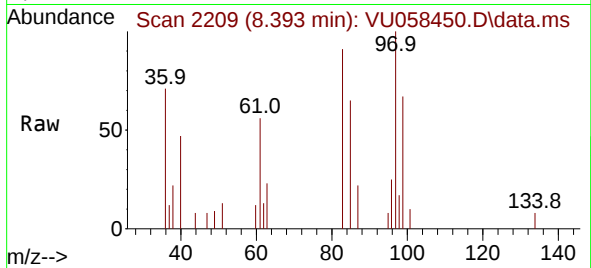
130 92.7 68.0 126.2





#45
1,1,2-Trichloroethane
Concen: 0.527 ug/L
RT: 8.393 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VU058450.D
Acq: 06 Apr 2024 03:42

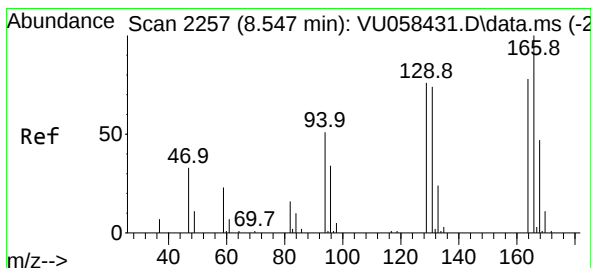
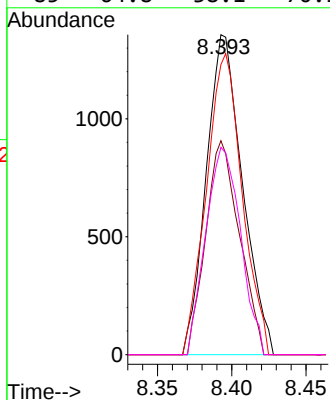
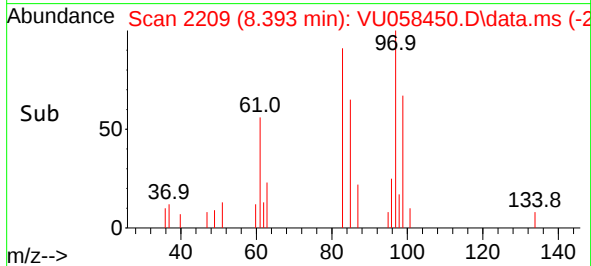
Instrument :
MSVOA_U
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C0AK5



Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.8	43.7	81.1
83	90.6	64.5	119.7
85	64.8	38.1	70.9

Manual Integrations
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Supervised By :Semsettin Yesilyurt 04/08/2024



#47
Tetrachloroethene
Concen: 3.550 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058450.D
Acq: 06 Apr 2024 03:42

Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.6	67.3	125.1
131	94.6	65.5	121.6
166	124.7	89.5	166.1

