

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058453.D
 Acq On : 06 Apr 2024 04:53
 Operator : MD/SY
 Sample : P1948-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAL1

Manual Integrations
 APPROVED

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

Quant Time: Apr 06 06:02:56 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	6.245	114	87495	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	81551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35751	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21894	3.780	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.600%	
7) Chloroethane-d5	1.908	69	20479	4.068	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.400%	
11) 1,1-Dichloroethene-d2	2.560	65	14325	5.464	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	109.200%	
20) 2-Butanone-d5	4.641	46	58135	47.622	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.240%	
24) Chloroform-d	5.059	84	53445	4.622	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	5.705	65	24339	4.510	ug/L	0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.200%	
32) Benzene-d6	5.731	84	102081	4.649	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.685	67	31834	4.623	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.891	98	84060	4.317	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
43) trans-1,3-Dichloroprop...	8.174	79	10313	4.825	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.600%	
46) 2-Hexanone-d5	8.628	63	41124	46.650	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.300%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	21989	4.524	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	27374	4.546	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.000%	
Target Compounds						
5) Vinyl chloride	1.599	62	19021	2.134	ug/L	99
12) 1,1-Dichloroethene	2.570	96	11760103	1896.560	ug/L #	47
16) Methylene chloride	3.036	84	20710	2.517	ug/L	96
19) 1,1-Dichloroethane	3.859	63	11549533	814.221	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	3630	0.497	ug/L	93
25) Chloroform	5.081	83	72974	5.315	ug/L	96
27) 1,2-Dichloroethane	5.795	62	30441	3.641	ug/L #	89
29) 1,1,1-Trichloroethane	5.303	97	70575578m	6454.796	ug/L	
34) Trichloroethene	6.538	95	932545	125.146	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	935	0.206	ug/L	96
47) Tetrachloroethene	8.547	164	6022	1.102	ug/L	97

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

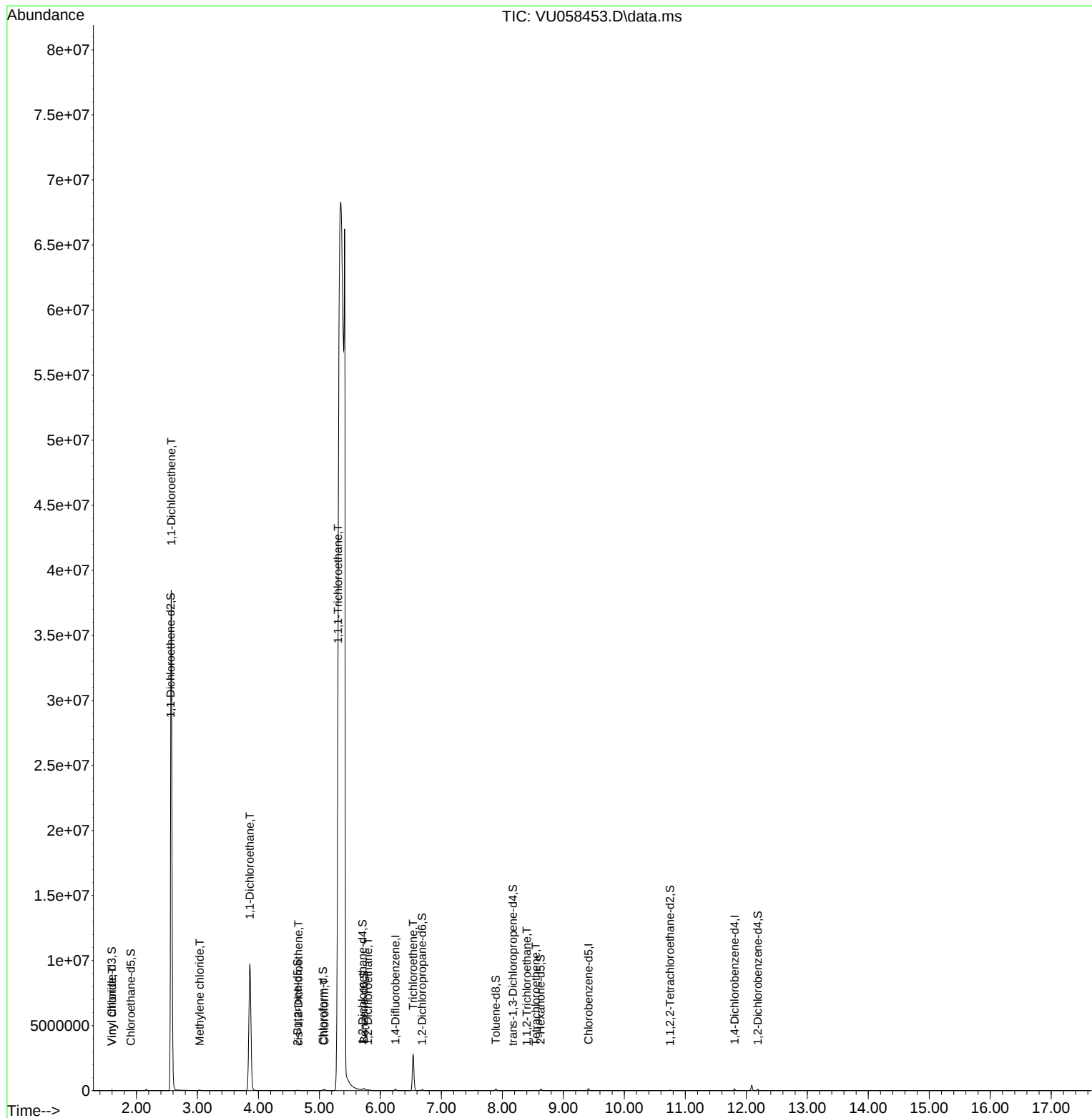
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058453.D
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Operator : MD/SY
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ALS Vial : 53 Sample Multiplier: 1

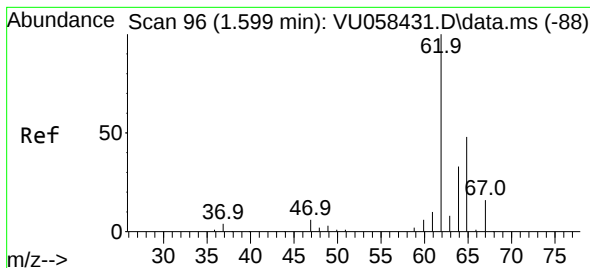
Instrument :
MSVOA_U
ClientSampleId :
C0AL1

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#5

Vinyl chloride

Concen: 2.134 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058453.D

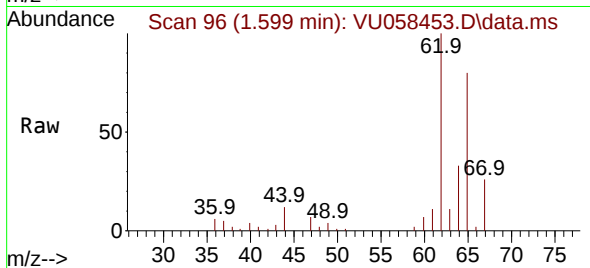
Acq: 06 Apr 2024 04:53

Instrument :

MSVOA_U

ClientSampleId :

COAL1



Tgt Ion: 62 Resp: 1902

Ion Ratio Lower Upper

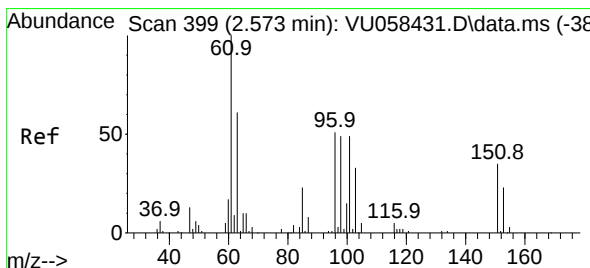
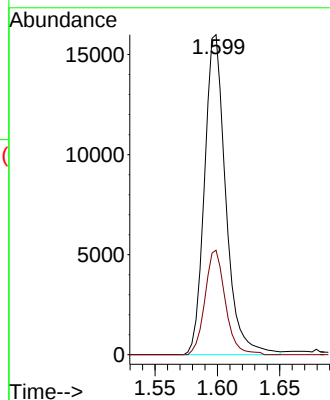
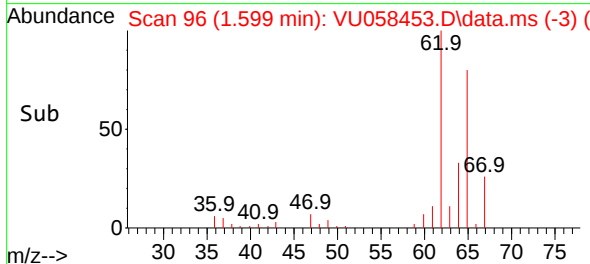
62 100

64 32.7 22.6 42.0

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 1896.560 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.003 min

Lab File: VU058453.D

Acq: 06 Apr 2024 04:53

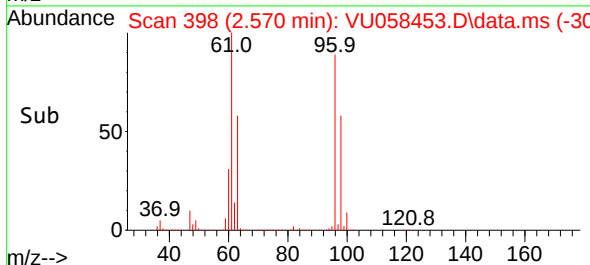
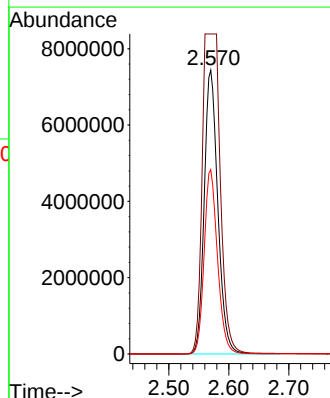
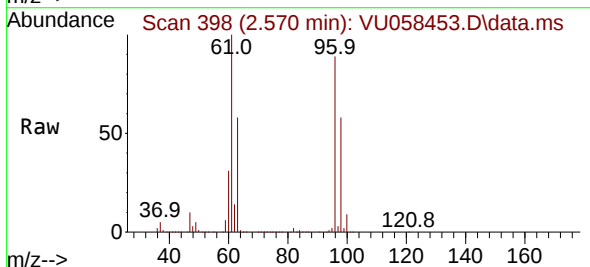
Tgt Ion: 96 Resp:11760103

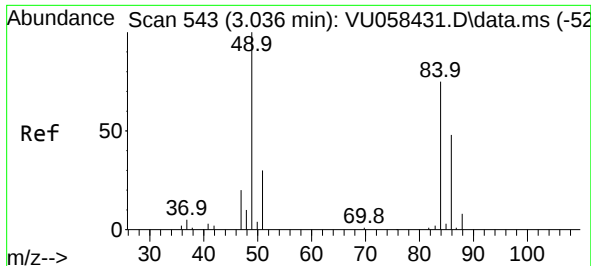
Ion Ratio Lower Upper

96 100

61 112.7 132.5 246.1#

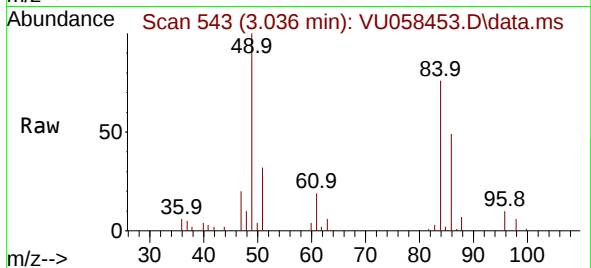
63 64.9 87.7 162.9#





#16
Methylene chloride
Concen: 2.517 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058453.D
Acq: 06 Apr 2024 04:53

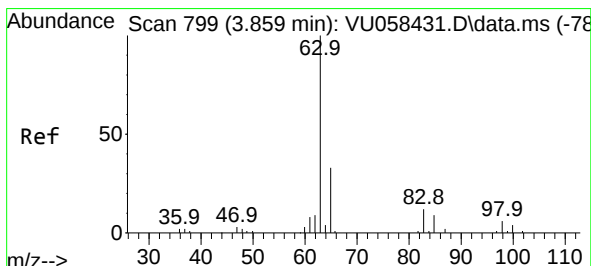
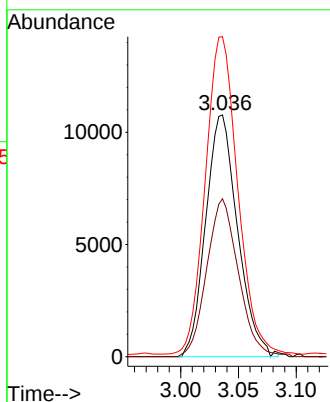
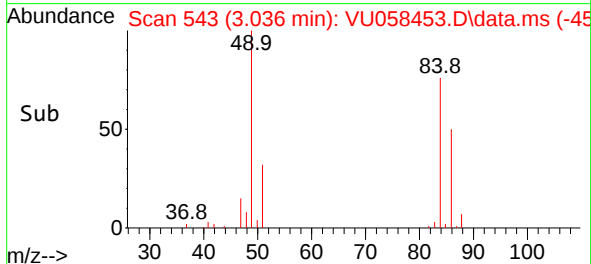
Instrument :
MSVOA_U
ClientSampleId :
COAL1



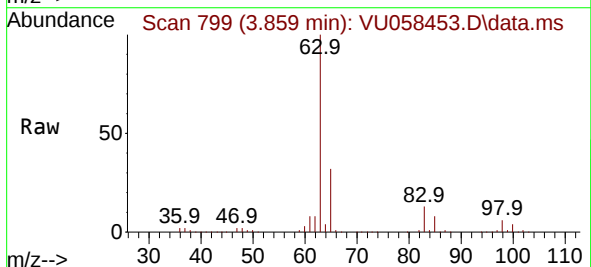
Tgt Ion: 84 Resp: 20710
Ion Ratio Lower Upper
84 100
86 65.3 44.3 82.3
49 132.3 96.0 178.2

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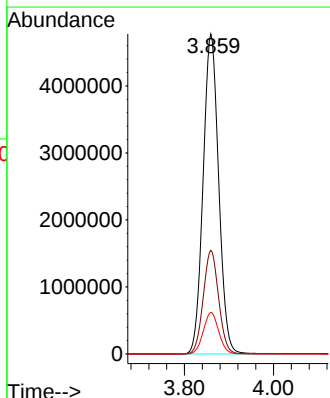
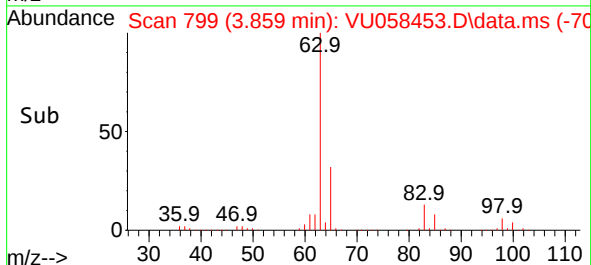
Reviewed By :Mahesh Dadoda 04/08/2024
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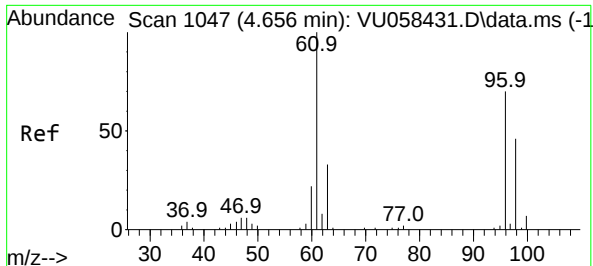


#19
1,1-Dichloroethane
Concen: 814.221 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058453.D
Acq: 06 Apr 2024 04:53



Tgt Ion: 63 Resp:11549533
Ion Ratio Lower Upper
63 100
65 32.4 22.9 42.5
83 13.0 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 0.497 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU058453.D

Acq: 06 Apr 2024 04:53

Instrument :

MSVOA_U

ClientSampleId :

C0AL1

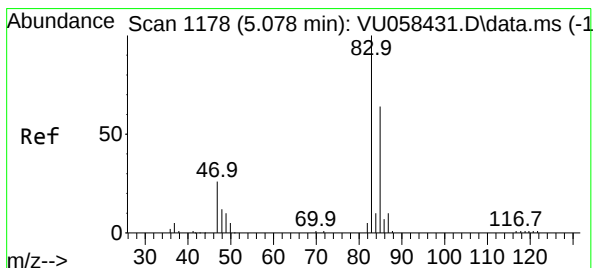
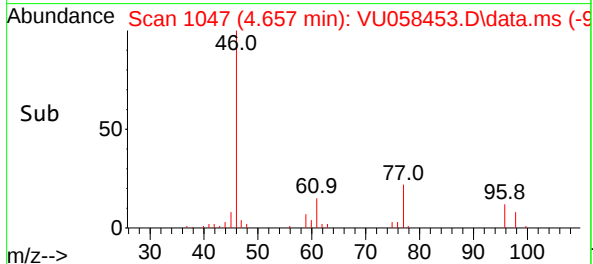
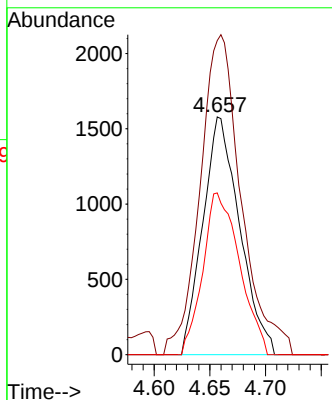
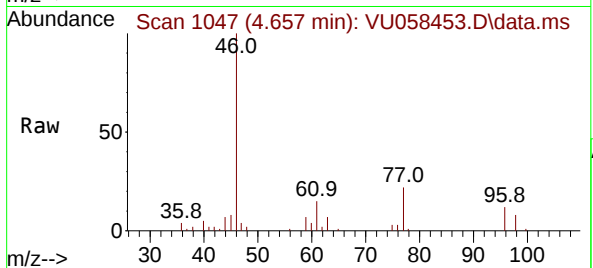
Tgt Ion: 96 Resp: 3630

Ion	Ratio	Lower	Upper
96	100		
61	132.1	98.1	182.3
98	68.0	43.6	81.0

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#25

Chloroform

Concen: 5.315 ug/L

RT: 5.081 min Scan# 1179

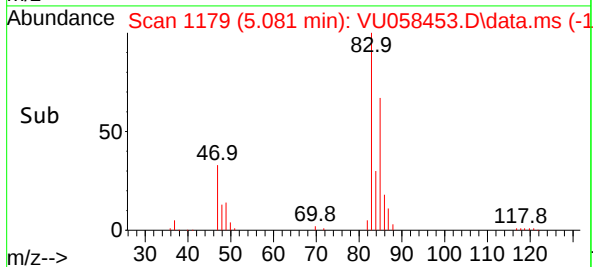
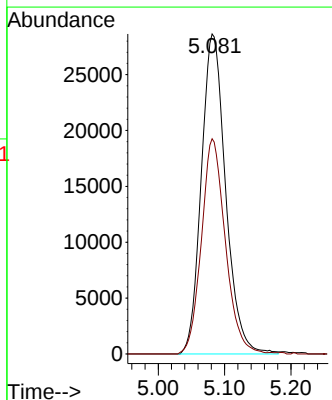
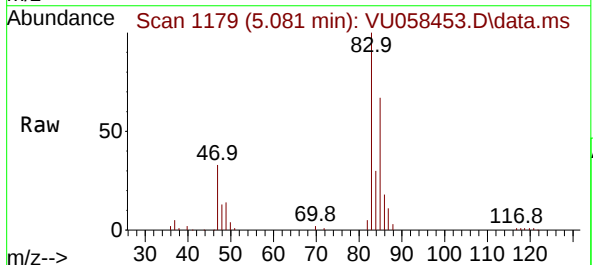
Delta R.T. 0.003 min

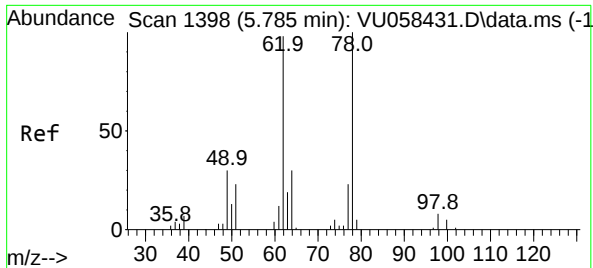
Lab File: VU058453.D

Acq: 06 Apr 2024 04:53

Tgt Ion: 83 Resp: 72974

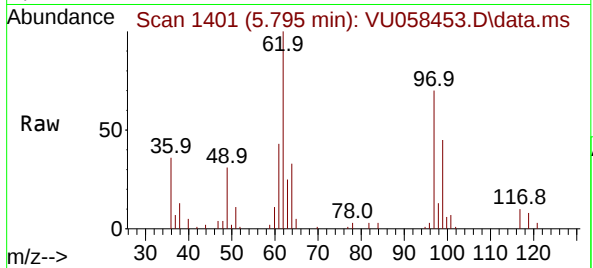
Ion	Ratio	Lower	Upper
83	100		
85	67.2	44.7	83.1





#27
1,2-Dichloroethane
Concen: 3.641 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU058453.D
Acq: 06 Apr 2024 04:53

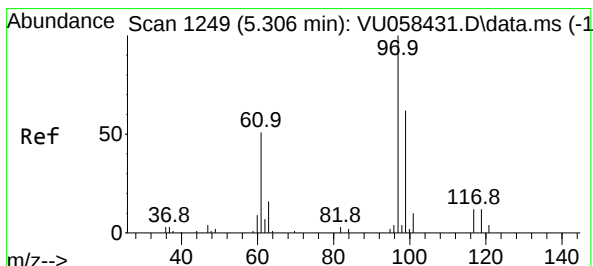
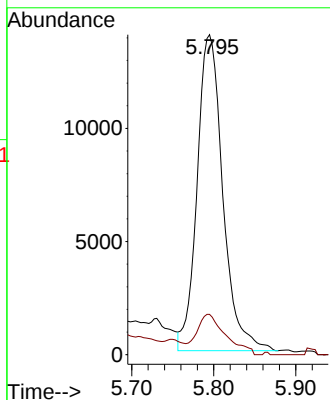
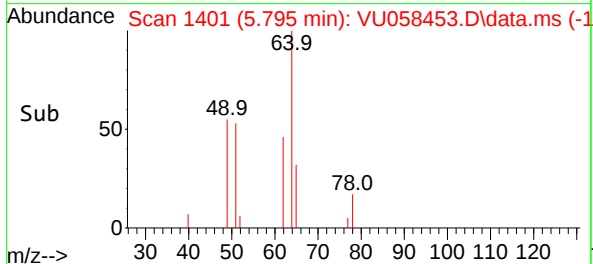
Instrument :
MSVOA_U
ClientSampleId :
COAL1



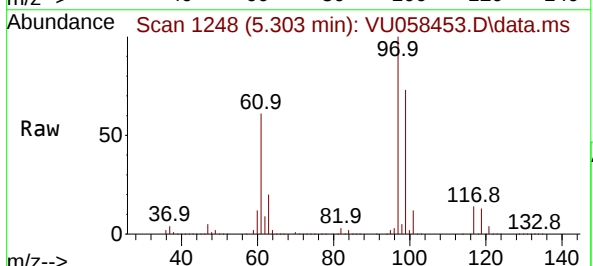
Tgt Ion: 62 Resp: 3044
Ion Ratio Lower Upper
62 100
98 12.6 7.0 10.4

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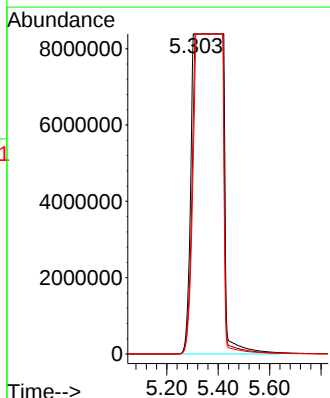
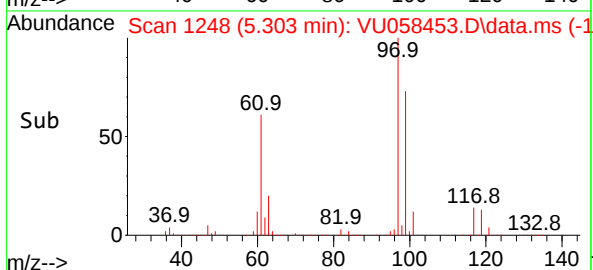
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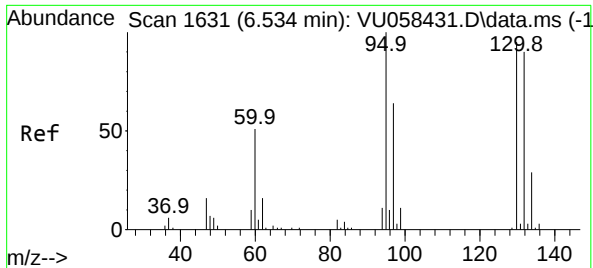


#29
1,1,1-Trichloroethane
Concen: 6454.796 ug/L m
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU058453.D
Acq: 06 Apr 2024 04:53



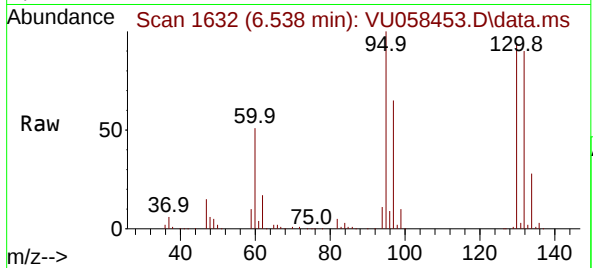
Tgt Ion: 97 Resp:70575578
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 0.0 39.4 59.0#





#34
Trichloroethene
Concen: 125.146 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU058453.D
Acq: 06 Apr 2024 04:53

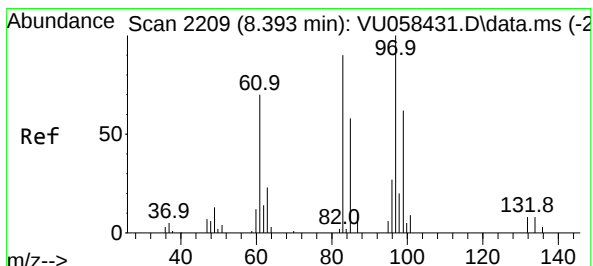
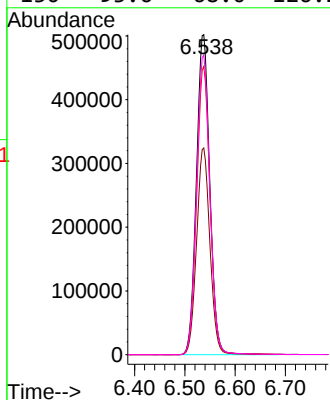
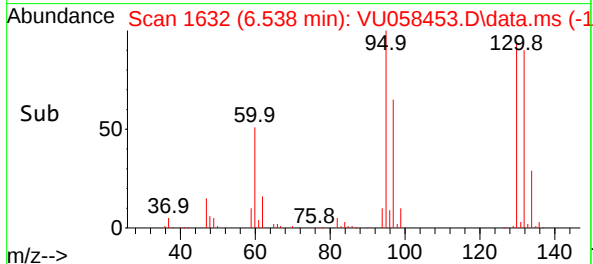
Instrument :
MSVOA_U
ClientSampleId :
C0AL1



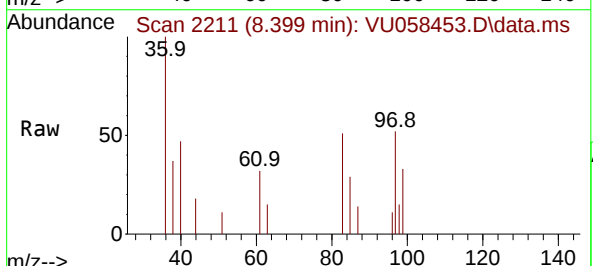
Tgt Ion: 95 Resp: 93254
Ion Ratio Lower Upper
95 100
97 64.6 45.6 84.6
132 90.1 64.8 120.3
130 93.6 68.0 126.2

Manual Integrations
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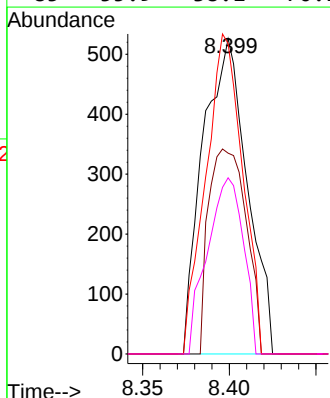
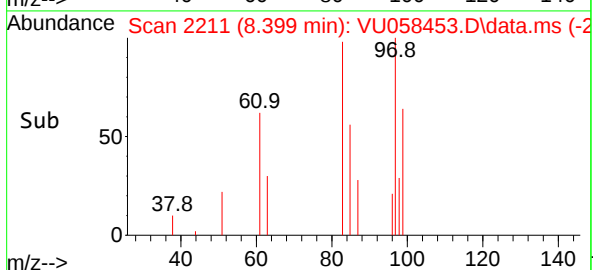
Reviewed By :Mahesh Dadoda 04/08/2024
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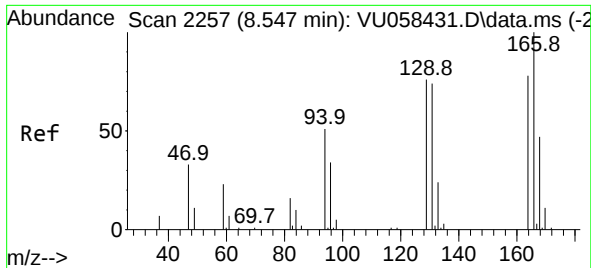


#45
1,1,2-Trichloroethane
Concen: 0.206 ug/L
RT: 8.399 min Scan# 2211
Delta R.T. 0.007 min
Lab File: VU058453.D
Acq: 06 Apr 2024 04:53



Tgt Ion: 97 Resp: 935
Ion Ratio Lower Upper
97 100
99 63.7 43.7 81.1
83 98.5 64.5 119.7
85 55.9 38.1 70.9





#47

Tetrachloroethene

Concen: 1.102 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU058453.D

Acq: 06 Apr 2024 04:53

Instrument :

MSVOA_U

ClientSampleId :

C0AL1

Tgt Ion:164 Resp: 602

Ion Ratio Lower Upper

164 100

129 99.3 67.3 125.1

131 87.4 65.5 121.6

166 126.1 89.5 166.1

Manual Integrations

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