

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058442.D
 Acq On : 06 Apr 2024 00:35
 Operator : MD/SY
 Sample : P1948-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH8

Manual Integrations
 APPROVED

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

Quant Time: Apr 06 05:59:53 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	86888	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36058	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23483	4.082	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.600%		
7) Chloroethane-d5	1.907	69	23267	4.654	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	93.000%		
11) 1,1-Dichloroethene-d2	2.560	65	13182	5.063	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	101.200%		
20) 2-Butanone-d5	4.627	46	60404	49.826	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	99.660%		
24) Chloroform-d	5.055	84	55179	4.805	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.200%		
26) 1,2-Dichloroethane-d4	5.695	65	26914	5.022	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.400%		
32) Benzene-d6	5.721	84	109943	4.905	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.000%		
36) 1,2-Dichloropropane-d6	6.682	67	35362	5.030	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	100.600%		
41) Toluene-d8	7.891	98	91415	4.599	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.000%		
43) trans-1,3-Dichloroprop...	8.174	79	10744	4.924	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	98.400%		
46) 2-Hexanone-d5	8.627	63	44807	49.786	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	99.580%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	22937	4.622	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	92.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	28937	4.765	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	95.200%		
Target Compounds						
5) Vinyl chloride	1.599	62	2936	0.332	ug/L	85
12) 1,1-Dichloroethene	2.573	96	2415810	392.321	ug/L #	77
16) Methylene chloride	3.036	84	9341	1.143	ug/L	96
19) 1,1-Dichloroethane	3.859	63	1554271	110.339	ug/L	98
25) Chloroform	5.081	83	20711	1.519	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	38519586m	3450.746	ug/L	
34) Trichloroethene	6.534	95	35048	4.607	ug/L	97

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

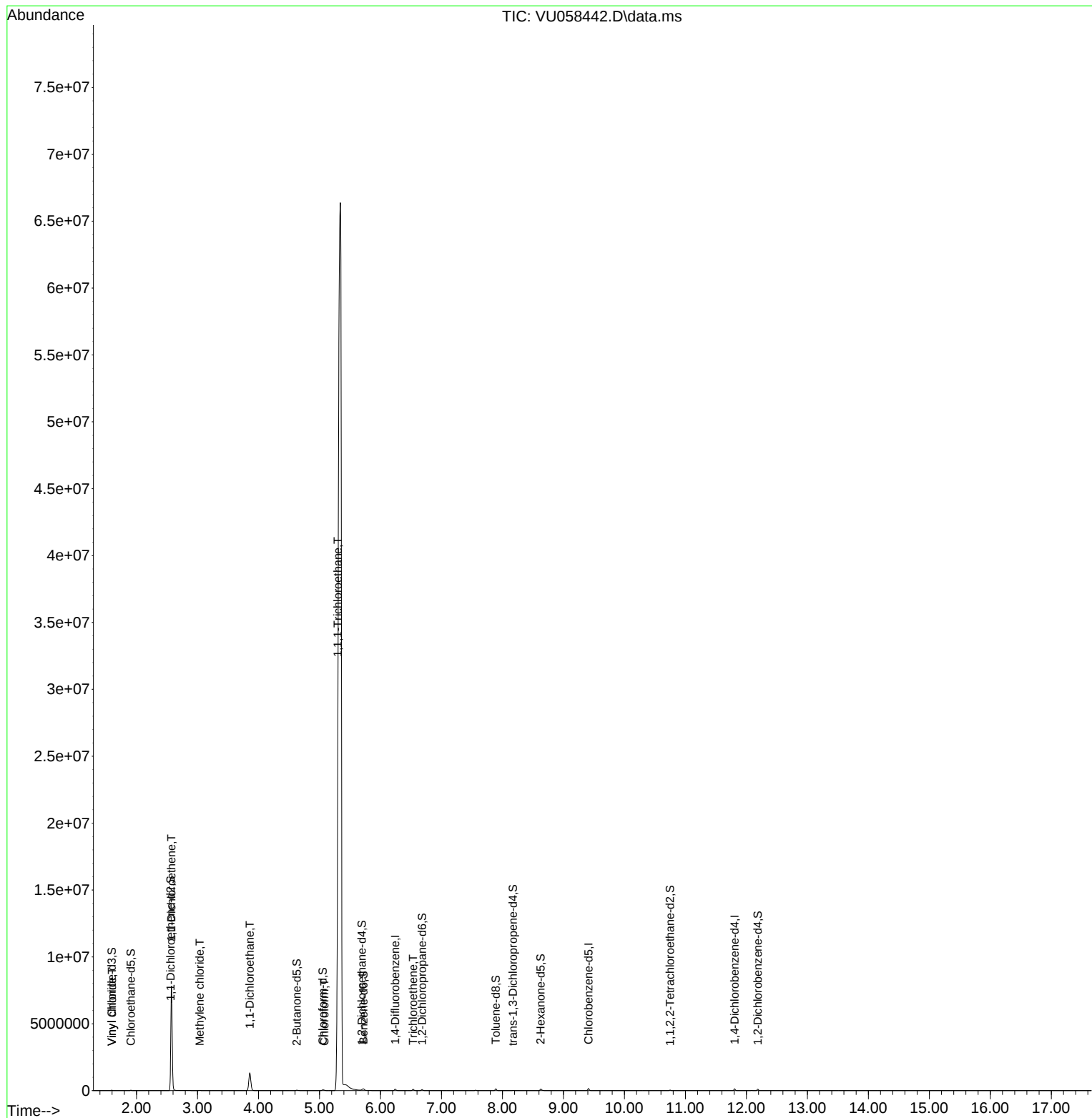
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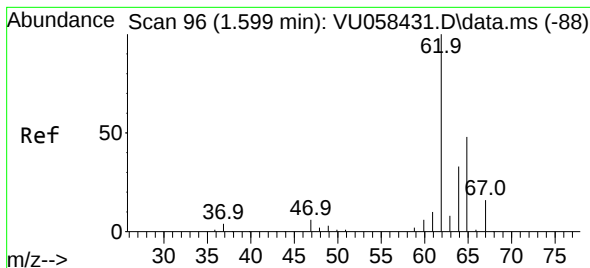
Instrument :
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QLast Update : Sat Apr 06 00:37:11 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.332 ug/L

RT: 1.599 min Scan# 96

Delta R.T. 0.000 min

Lab File: VU058442.D

Acq: 06 Apr 2024 00:35

Instrument :

MSVOA_U

ClientSampleId :

C0AH8

Tgt Ion: 62 Resp: 2930

Ion Ratio Lower Upper

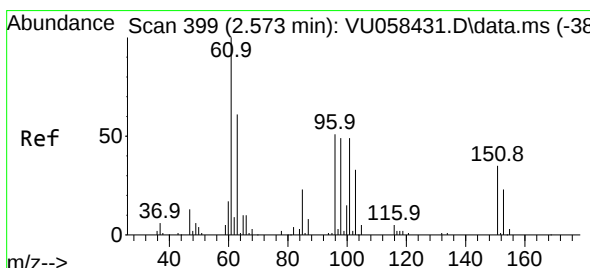
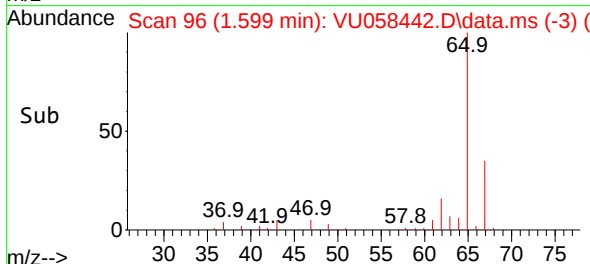
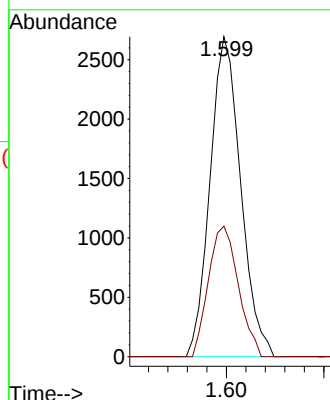
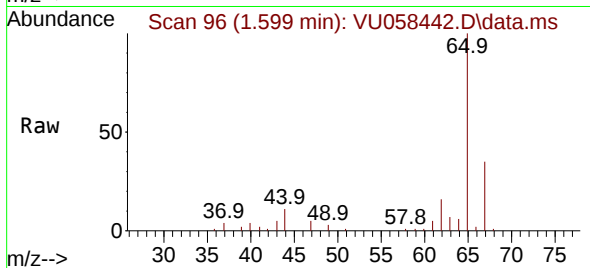
62 100

64 40.8 22.6 42.0

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 392.321 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058442.D

Acq: 06 Apr 2024 00:35

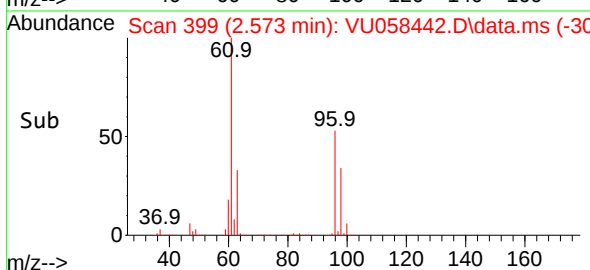
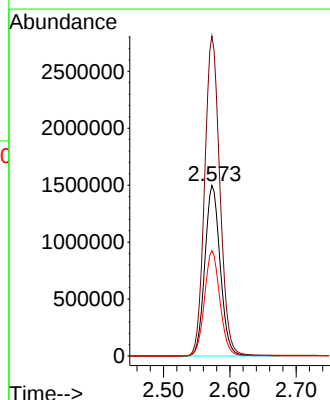
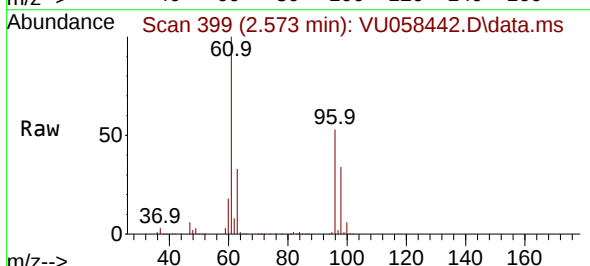
Tgt Ion: 96 Resp: 2415810

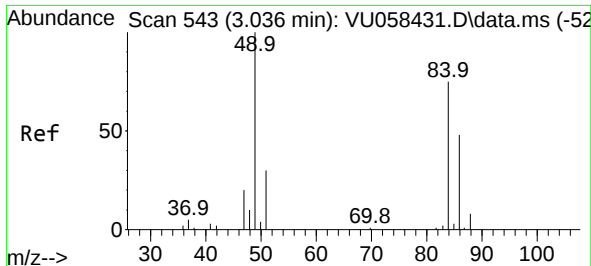
Ion Ratio Lower Upper

96 100

61 187.7 132.5 246.1

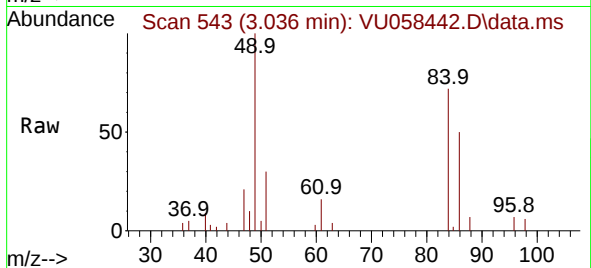
63 61.7 87.7 162.9





#16
Methylene chloride
Concen: 1.143 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU058442.D
Acq: 06 Apr 2024 00:35

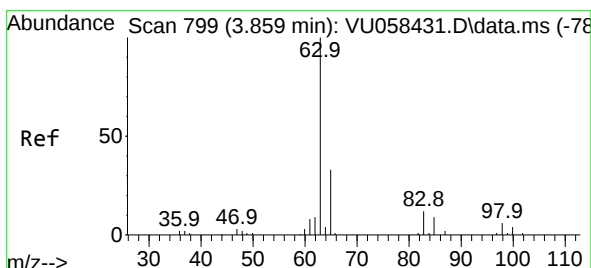
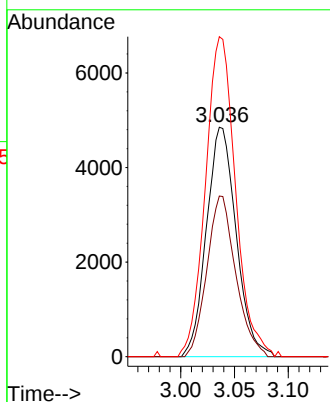
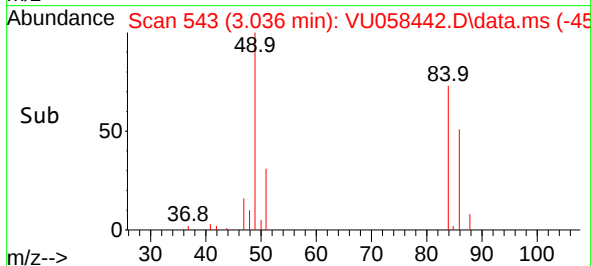
Instrument :
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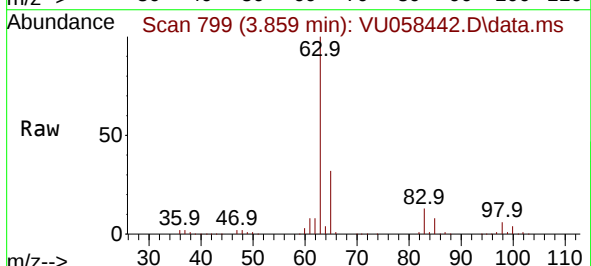
Tgt Ion: 84 Resp: 934
Ion Ratio Lower Upper
84 100
86 70.0 44.3 82.3
49 139.5 96.0 178.2

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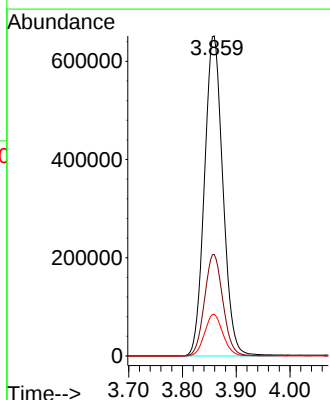
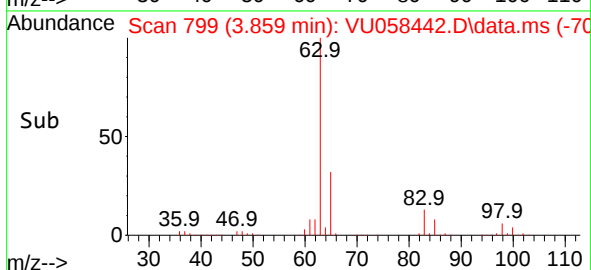
Reviewed By :Mahesh Dadoda 04/08/2024
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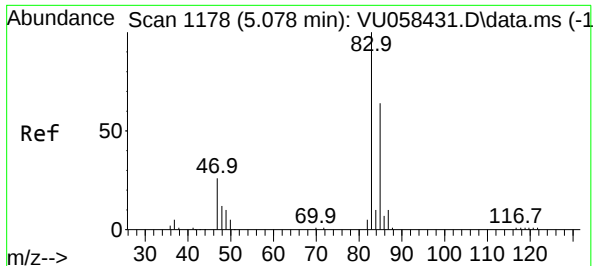


#19
1,1-Dichloroethane
Concen: 110.339 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU058442.D
Acq: 06 Apr 2024 00:35



Tgt Ion: 63 Resp: 1554271
Ion Ratio Lower Upper
63 100
65 31.7 22.9 42.5
83 13.0 9.6 17.8





#25

Chloroform

Concen: 1.519 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU058442.D

Acq: 06 Apr 2024 00:35

Instrument :

MSVOA_U

ClientSampleId :

C0AH8

Tgt Ion: 83 Resp: 2071

Ion Ratio Lower Upper

83 100

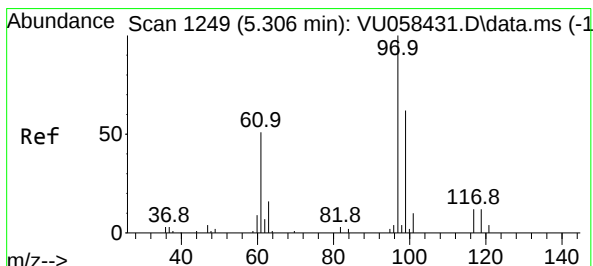
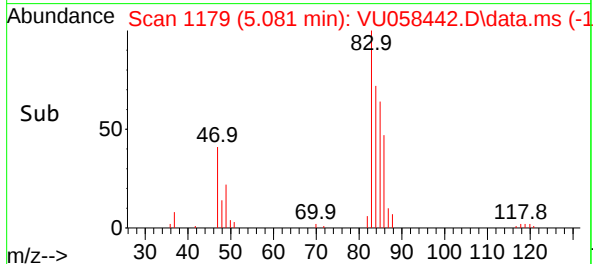
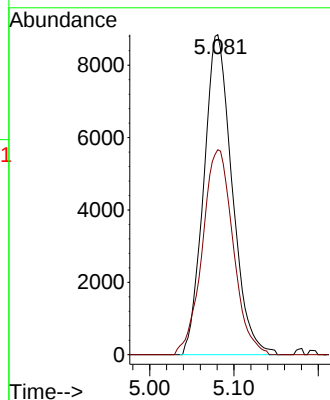
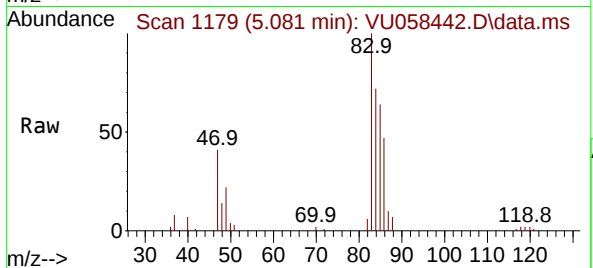
85 64.0 44.7 83.1

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Supervised By :Semsettin Yesilyurt 04/08/2024



#29

1,1,1-Trichloroethane

Concen: 3450.746 ug/L m

RT: 5.303 min Scan# 1248

Delta R.T. -0.003 min

Lab File: VU058442.D

Acq: 06 Apr 2024 00:35

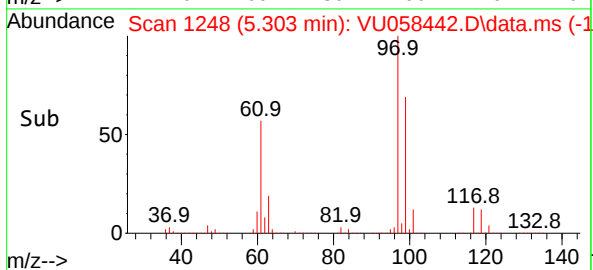
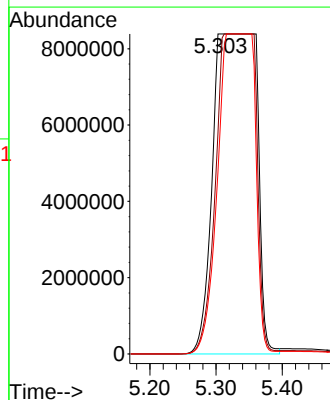
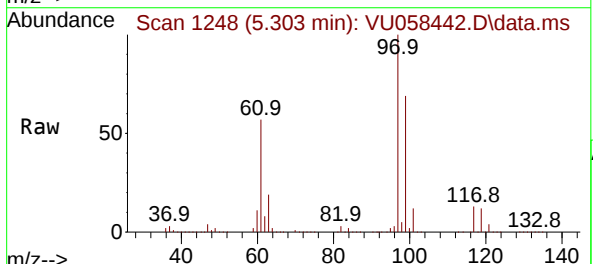
Tgt Ion: 97 Resp:38519586

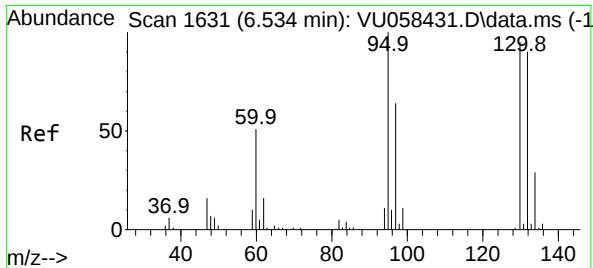
Ion Ratio Lower Upper

97 100

99 0.0 50.4 75.6#

61 0.0 39.4 59.0#





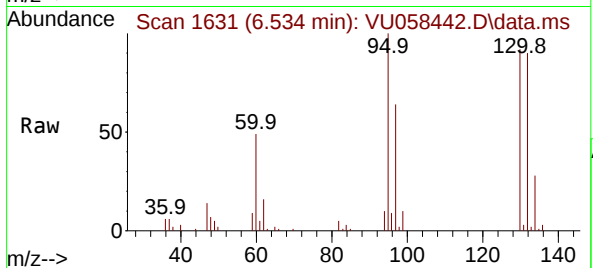
#34
 Trichloroethene
 Concen: 4.607 ug/L
 RT: 6.534 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU058442.D
 Acq: 06 Apr 2024 00:35

Instrument :

MSVOA_U

ClientSampleId :

C0AH8



Tgt Ion: 95 Resp: 3504

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.6	84.6
132	90.5	64.8	120.3
130	92.4	68.0	126.2

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