

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056820.D
 Acq On : 13 Dec 2023 06:14
 Operator : MD/SY
 Sample : 05684-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J0

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/16/2023
 Supervised By : Mahesh Dadoda 12/18/2023

Quant Time: Dec 13 07:04:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 01:32:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	249426	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	254390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	141778	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85538	4.001	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	80.000%		
7) Chloroethane-d5	1.907	69	73907	4.619	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	92.400%		
11) 1,1-Dichloroethene-d2	2.563	65	37355	4.084	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	81.600%		
20) 2-Butanone-d5	4.615	46	204464	48.426	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	96.860%		
24) Chloroform-d	5.055	84	187237	4.625	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	92.400%		
26) 1,2-Dichloroethane-d4	5.695	65	91368	4.769	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	95.400%		
32) Benzene-d6	5.721	84	361708	4.584	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.600%		
36) 1,2-Dichloropropane-d6	6.685	67	112849	4.569	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	91.400%		
41) Toluene-d8	7.891	98	302234	4.286	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	85.800%		
43) trans-1,3-Dichloroprop...	8.174	79	39590	4.134	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	82.600%		
46) 2-Hexanone-d5	8.627	63	181240	50.174	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	100.340%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	92246	5.162	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	103.200%		
66) 1,2-Dichlorobenzene-d4	12.193	152	123822	4.443	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	88.800%		
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	3128	0.154	ug/L	# 1
13) Acetone	2.621	43	160118	62.228	ug/L	97
19) 1,1-Dichloroethane	3.869	63	10560	0.267	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	43329	1.940	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	4563	0.124	ug/L	97
34) Trichloroethene	6.537	95	64813	2.643	ug/L	98
47) Tetrachloroethene	8.550	164	101224	5.898	ug/L	96
51) Chlorobenzene	9.441	112	5217515	88.494	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	7851499	148.174	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	17978229m	344.571	ug/L	
67) 1,2-Dichlorobenzene	12.206	146	19225750m	398.287	ug/L	

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

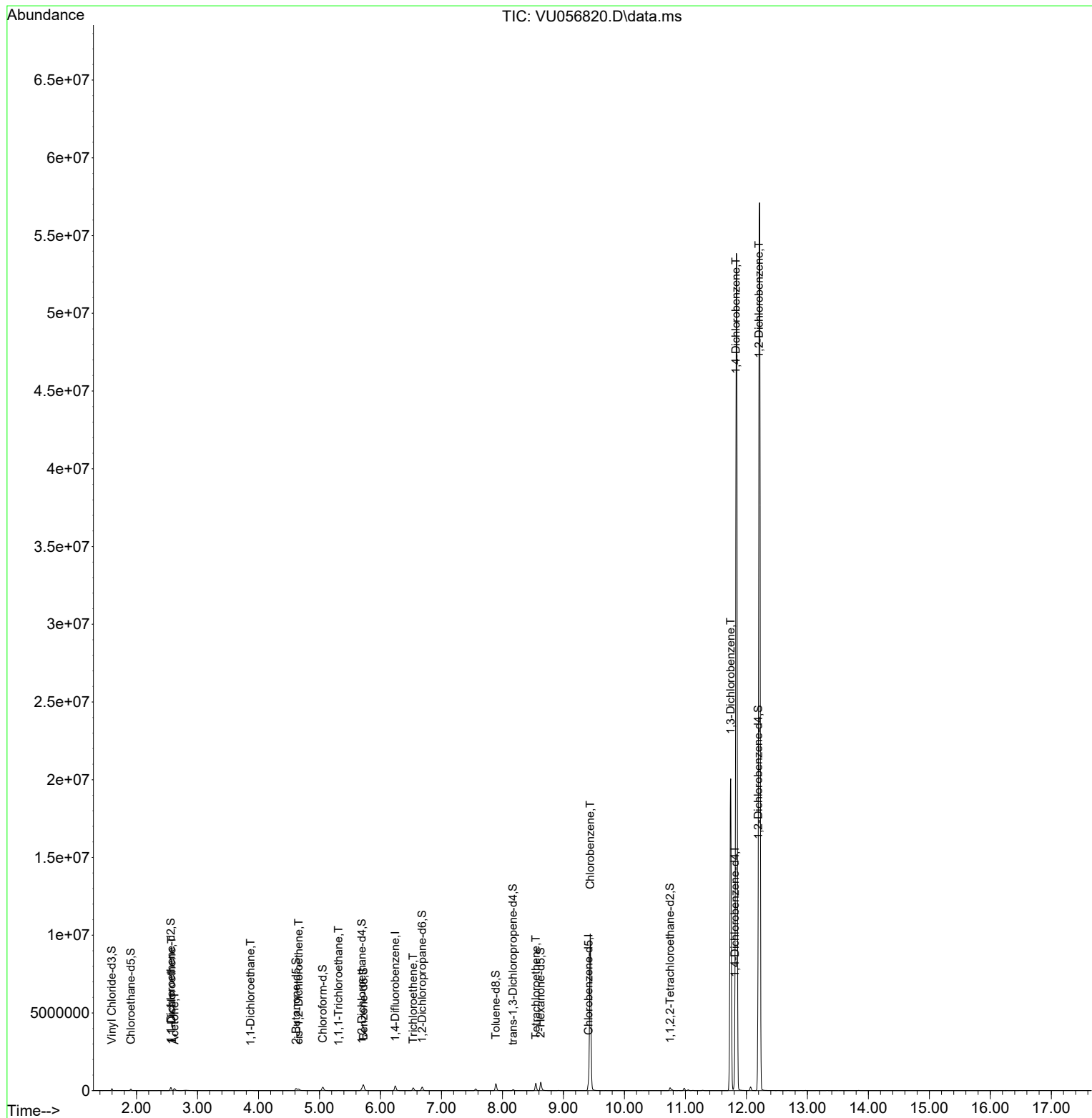
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
Data File : VU056820.D
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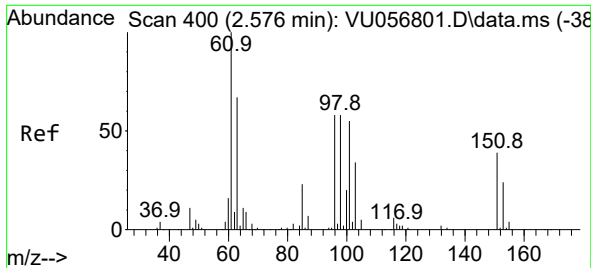
Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 01:32:29 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.154 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.000 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Instrument :

MSVOA_U

ClientSampleId :

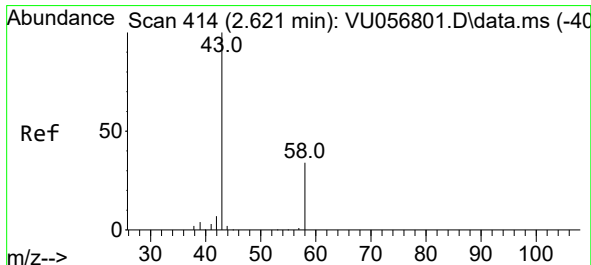
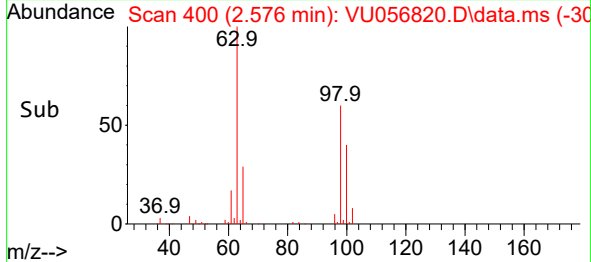
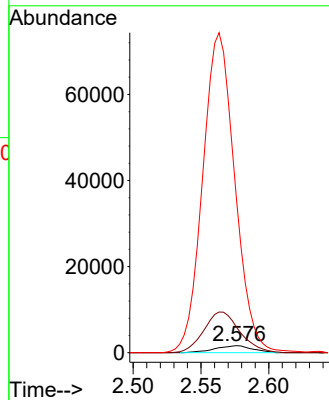
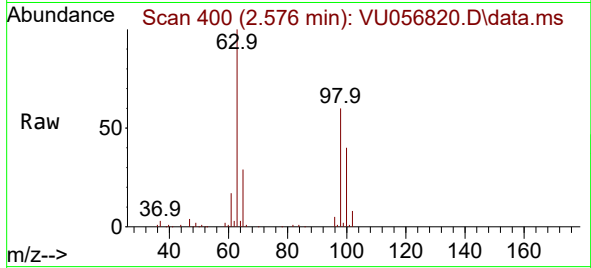
E06J0

Tgt Ion: 96 Resp: 3128
 Ion Ratio Lower Upper
 96 100
 61 359.3 119.0 221.0
 63 2157.1 88.7 164.7

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#13

Acetone

Concen: 62.228 ug/L

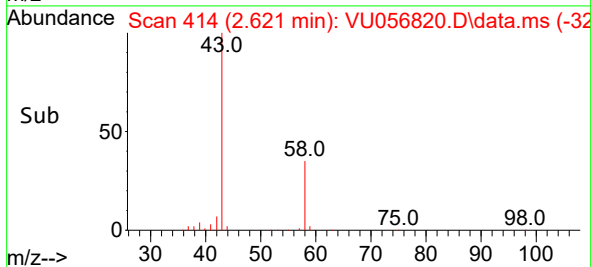
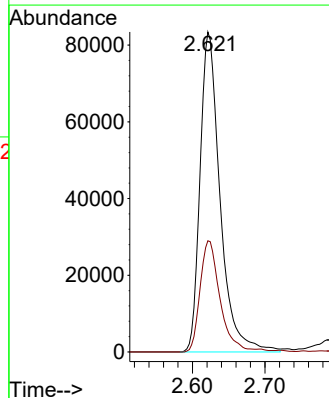
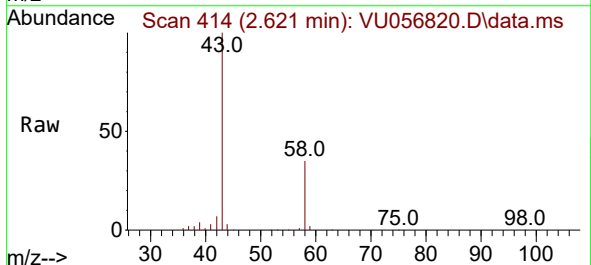
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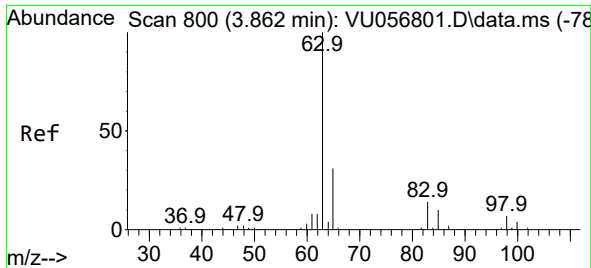
Delta R.T. 0.000 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Tgt Ion: 43 Resp: 160118
 Ion Ratio Lower Upper
 43 100
 58 34.5 0.0 72.6





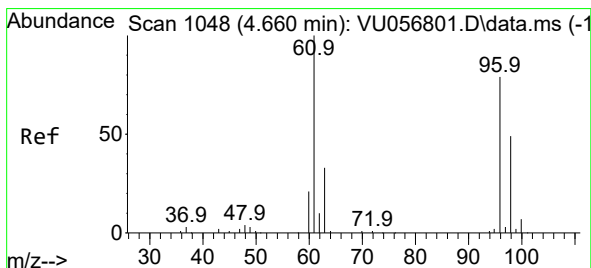
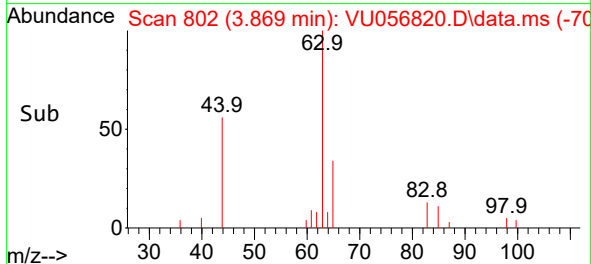
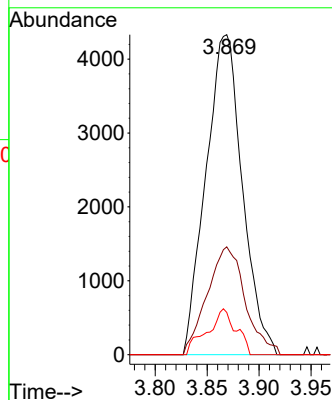
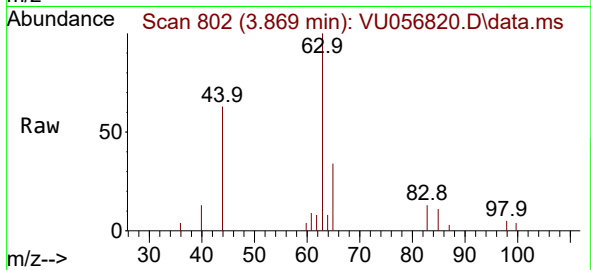
#19
1,1-Dichloroethane
Concen: 0.267 ug/L
RT: 3.869 min Scan# 800
Delta R.T. 0.007 min
Lab File: VU056820.D
Acq: 13 Dec 2023 06:14

Instrument :
MSVOA_U
ClientSampleId :
E06J0

Tgt Ion: 63 Resp: 10560
Ion Ratio Lower Upper
63 100
65 33.7 22.9 42.5
83 13.2 10.1 18.9

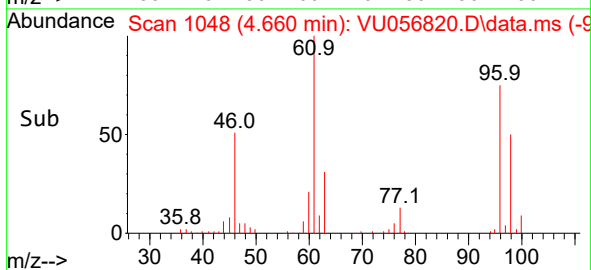
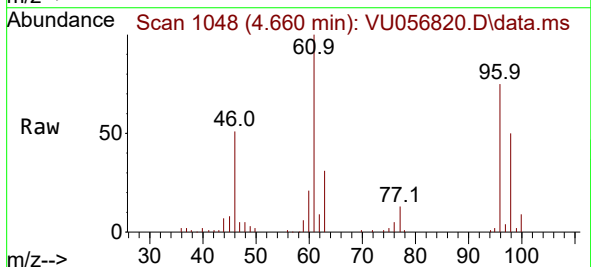
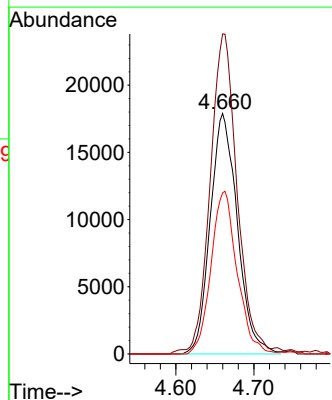
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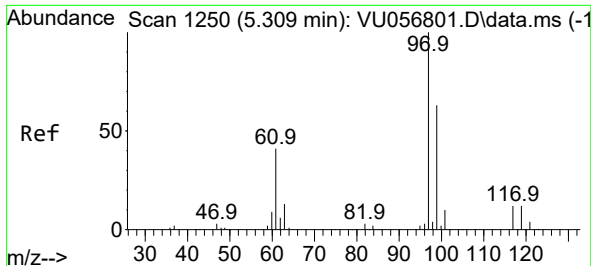
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#22
cis-1,2-Dichloroethene
Concen: 1.940 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU056820.D
Acq: 13 Dec 2023 06:14

Tgt Ion: 96 Resp: 43329
Ion Ratio Lower Upper
96 100
61 133.1 91.3 169.6
98 67.0 44.2 82.0





#29

1,1,1-Trichloroethane

Concen: 0.124 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Instrument :

MSVOA_U

ClientSampleId :

E06J0

Tgt Ion: 97 Resp: 456

Ion Ratio Lower Upper

97 100

99 63.4 52.5 78.7

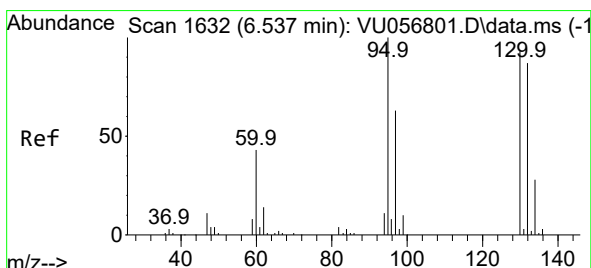
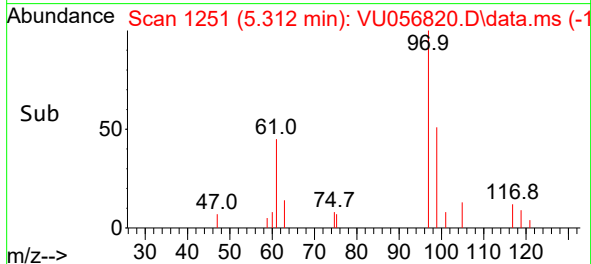
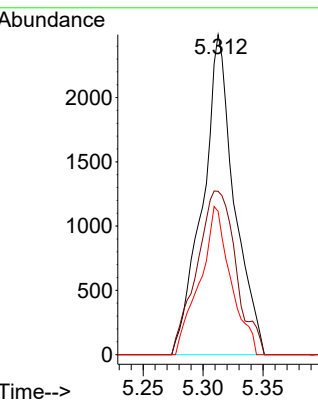
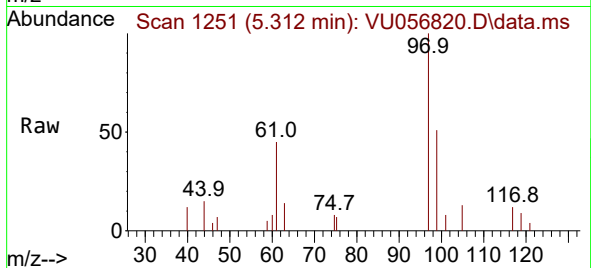
61 45.3 34.2 51.2

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#34

Trichloroethene

Concen: 2.643 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

Tgt Ion: 95 Resp: 64813

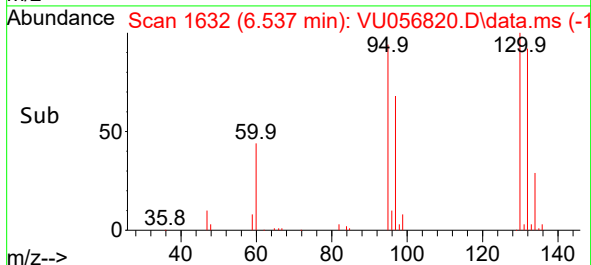
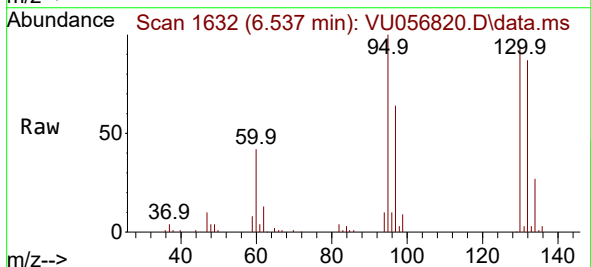
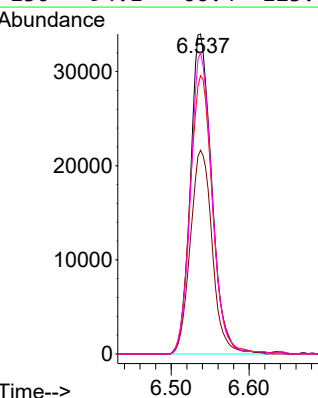
Ion Ratio Lower Upper

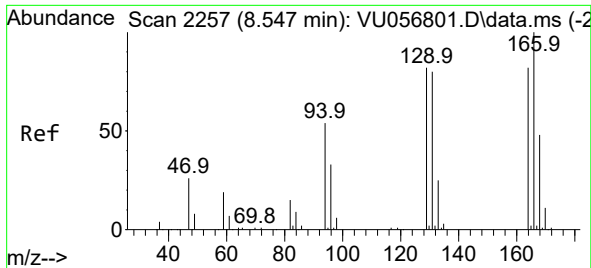
95 100

97 63.7 46.1 85.5

132 86.9 63.6 118.0

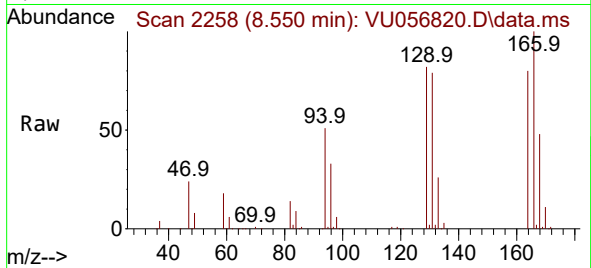
130 94.1 66.4 123.4





#47
Tetrachloroethene
Concen: 5.898 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056820.D
Acq: 13 Dec 2023 06:14

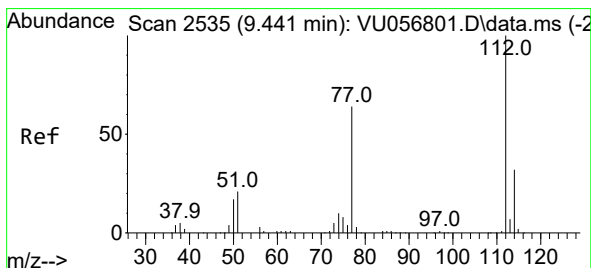
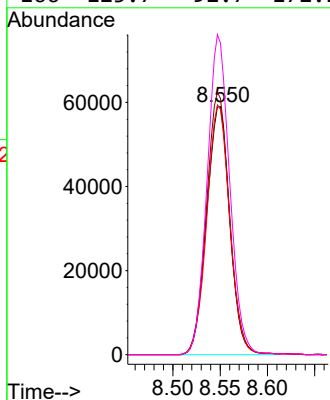
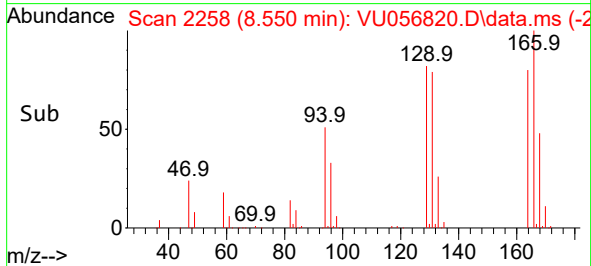
Instrument :
MSVOA_U
ClientSampleId :
E06J0



Tgt Ion:164 Resp: 101224
Ion Ratio Lower Upper
164 100
129 103.3 73.4 136.4
131 99.1 71.5 132.9
166 125.7 92.7 172.1

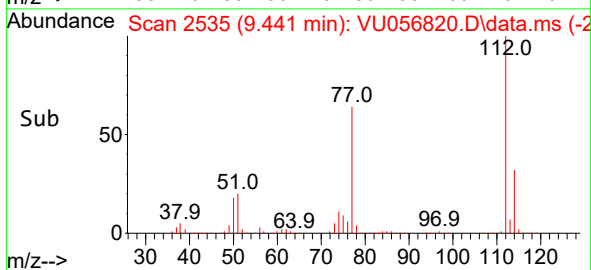
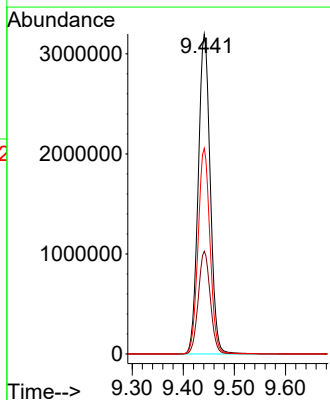
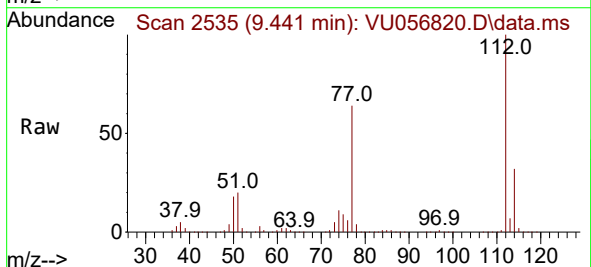
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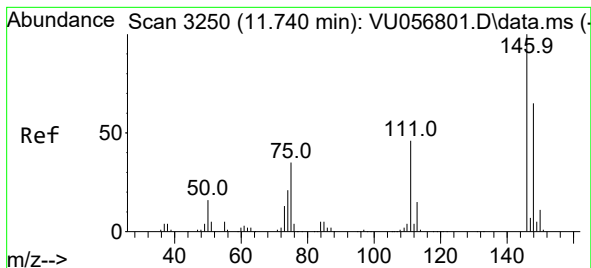
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#51
Chlorobenzene
Concen: 88.494 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU056820.D
Acq: 13 Dec 2023 06:14

Tgt Ion:112 Resp: 5217515
Ion Ratio Lower Upper
112 100
114 32.1 21.9 40.7
77 64.3 51.6 77.4





#64

1,3-Dichlorobenzene

Concen: 148.174 ug/L

RT: 11.743 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU056820.D

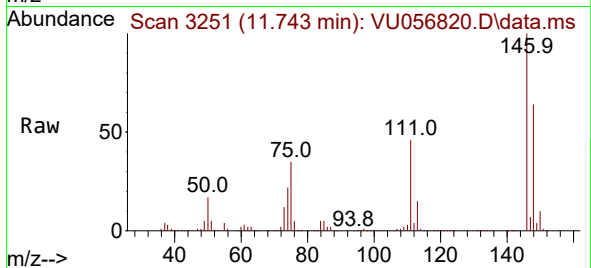
Acq: 13 Dec 2023 06:14

Instrument :

MSVOA_U

ClientSampleId :

E06J0



Tgt Ion:146 Resp: 7851499

Ion Ratio Lower Upper

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111 45.7 31.7 58.9

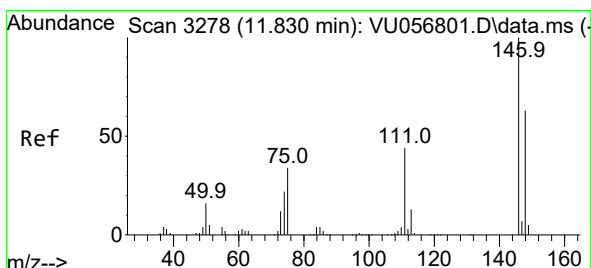
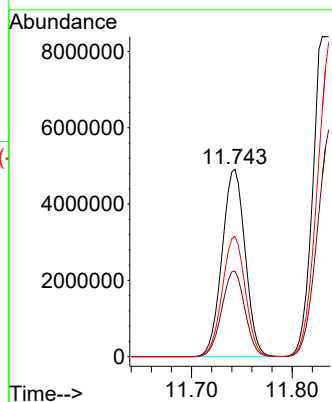
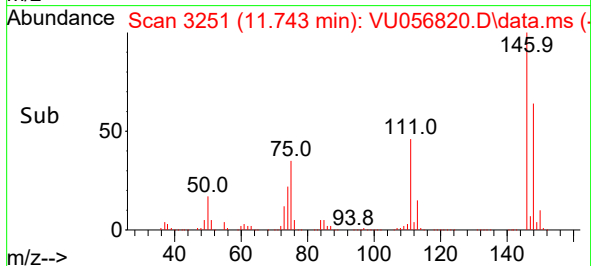
148 64.1 44.3 82.3

Manual Integrations

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#65

1,4-Dichlorobenzene

Concen: 344.571 ug/L m

RT: 11.830 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VU056820.D

Acq: 13 Dec 2023 06:14

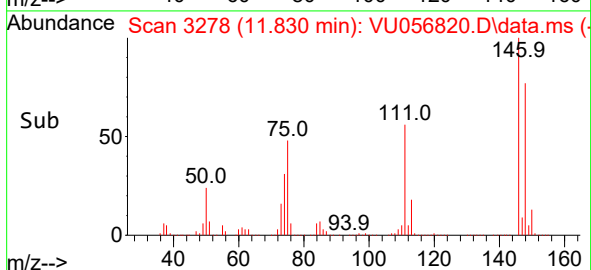
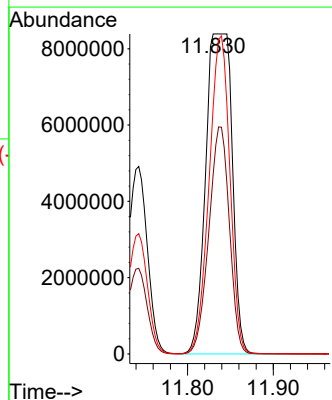
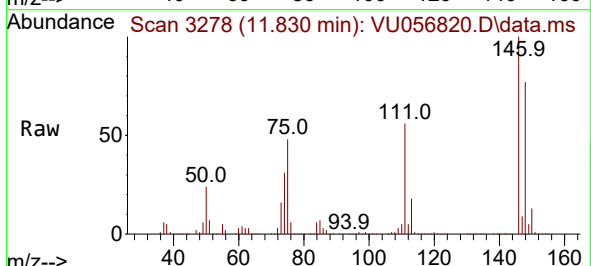
Tgt Ion:146 Resp:17978229

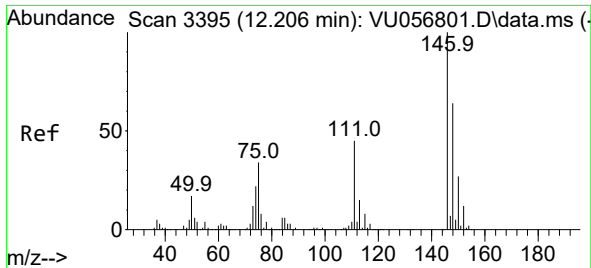
Ion Ratio Lower Upper

146 100

111 56.1 31.2 58.0

148 77.1 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 398.287 ug/L m

RT: 12.206 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU056820.D

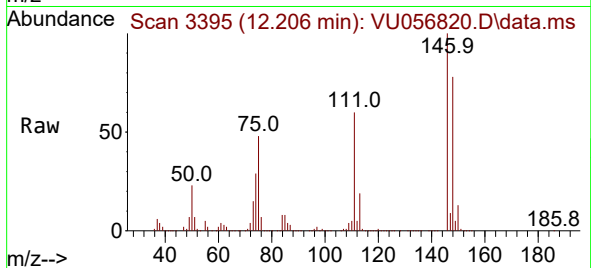
Acq: 13 Dec 2023 06:14

Instrument :

MSVOA_U

ClientSampleId :

E06J0



Tgt Ion:146 Resp:19225750

Ion Ratio Lower Upper

146 100

111 60.2 36.9 55.3

148 77.7 53.0 79.4

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