

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052881.D
 Acq On : 31 Jan 2023 15:42
 Operator : JC/MD
 Sample : 01314-13
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44M0

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 00:56:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	238737	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	244885	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	138044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	62415	36.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.640%		
7) Chloroethane-d5	1.909	69	62978	44.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.960%		
11) 1,1-Dichloroethene-d2	2.565	63	102422	29.968	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.940%#		
21) 2-Butanone-d5	4.620	46	104922	98.843	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.840%		
24) Chloroform-d	5.057	84	168404	45.922	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.840%		
26) 1,2-Dichloroethane-d4	5.697	65	111997	47.830	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.660%		
32) Benzene-d6	5.722	84	306170	40.923	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.840%		
36) 1,2-Dichloropropane-d6	6.687	67	97683	44.518	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.040%		
41) Toluene-d8	7.893	98	261179	38.337	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.680%#		
43) trans-1,3-Dichloroprop...	8.176	79	45056	40.968	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.940%		
47) 2-Hexanone-d5	8.629	63	69037	89.543	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.540%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	148127	45.691	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.380%		
66) 1,2-Dichlorobenzene-d4	12.188	152	125614m	46.863	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.720%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	5948	2.916	ug/L #	82
20) cis-1,2-Dichloroethene	4.661	96	21399	10.501	ug/L	98
33) Benzene	5.771	78	57609	6.911	ug/L	100
34) Trichloroethene	6.539	95	57470	27.124	ug/L	99
51) Chlorobenzene	9.443	112	706641	120.223	ug/L	99
52) Ethylbenzene	9.565	91	142847	15.646	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	8291	1.154	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	109238	24.285	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	263865	56.664	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	864657	190.045	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	13526761	4845.013	ug/L	98
72) 1,2,3-Trichlorobenzene	14.327	180	2969600	1006.462	ug/L	99

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

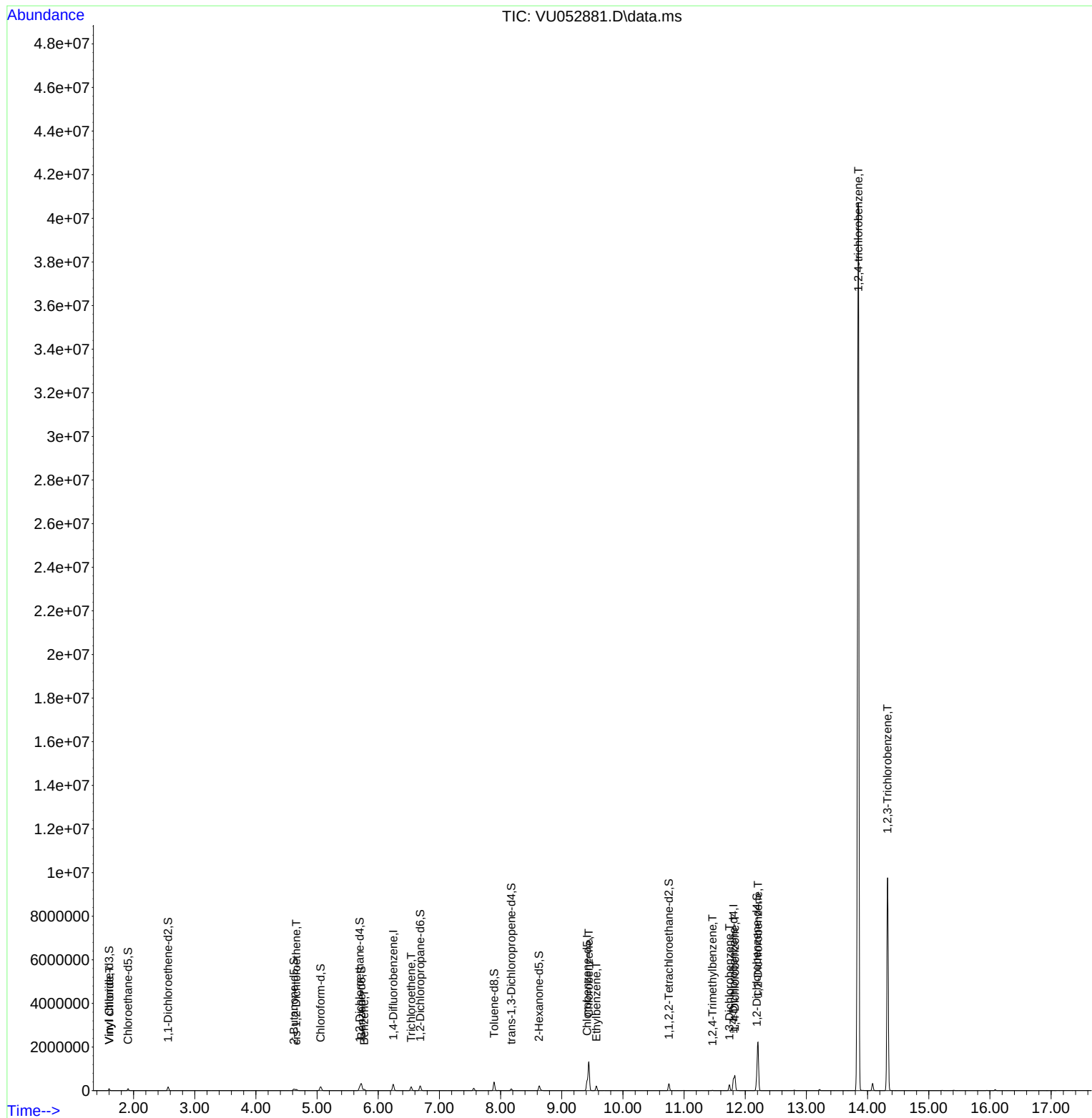
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
Data File : VU052881.D
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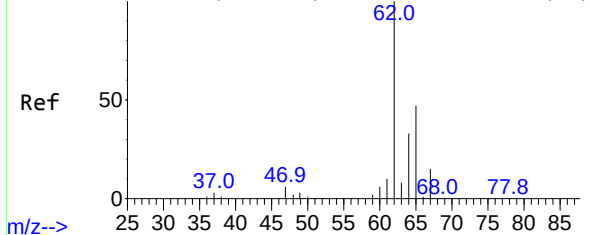
Quant Time: Feb 01 00:56:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 01 00:53:48 2023
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Abundance Scan 82 (1.604 min): VU052872.D\data.ms (-74)



#5

Vinyl chloride

Concen: 2.916 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU052881.D

Acq: 31 Jan 2023 15:42

Instrument :

MSVOA_U

ClientSampleId :

A44M0

Tgt Ion: 62 Resp: 5948

Ion Ratio Lower Upper

62 100

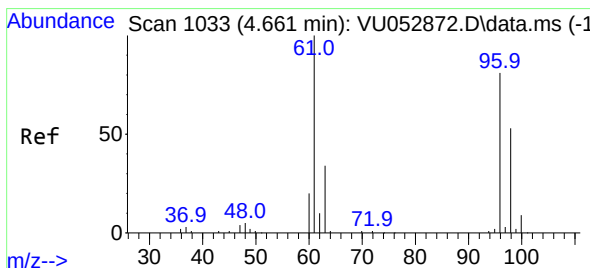
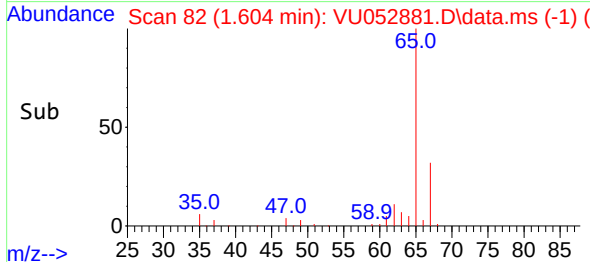
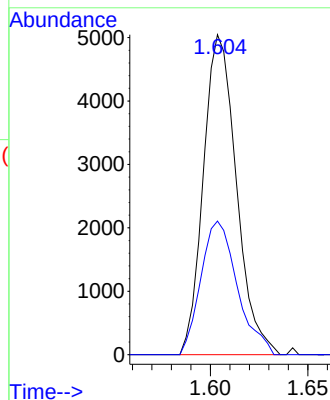
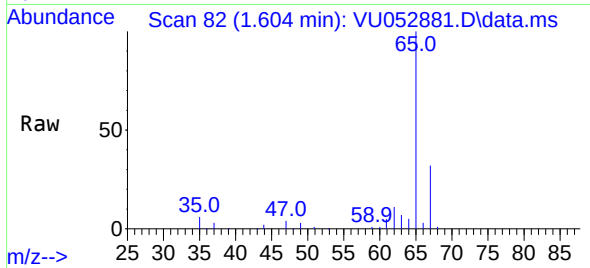
64 41.8 22.4 41.6

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#20

cis-1,2-Dichloroethene

Concen: 10.501 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052881.D

Acq: 31 Jan 2023 15:42

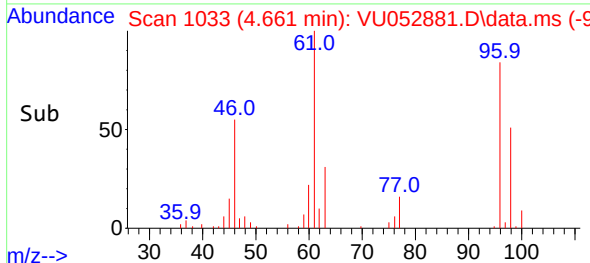
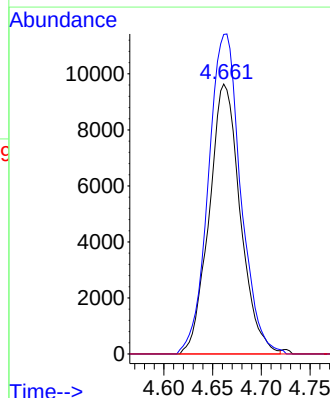
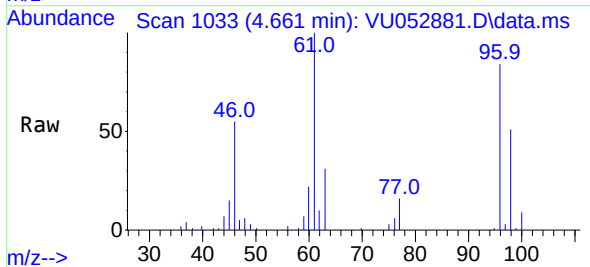
Tgt Ion: 96 Resp: 21399

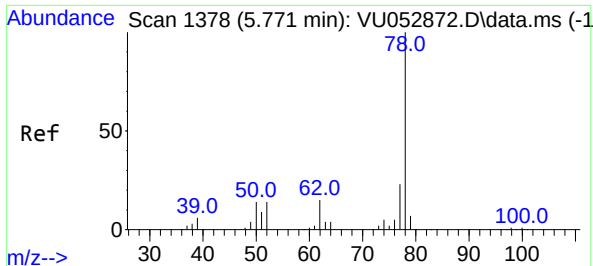
Ion Ratio Lower Upper

96 100

61 118.4 84.1 156.1

68 0.0 0.0 0.0





Benzene

Concen: 6.911 ug/L

RT: 5.771 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU052881.D

Acq: 31 Jan 2023 15:42

Instrument :

MSVOA_U

ClientSampleId :

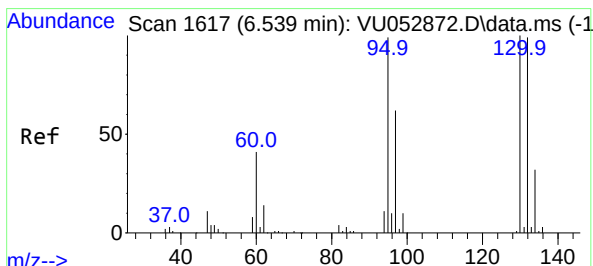
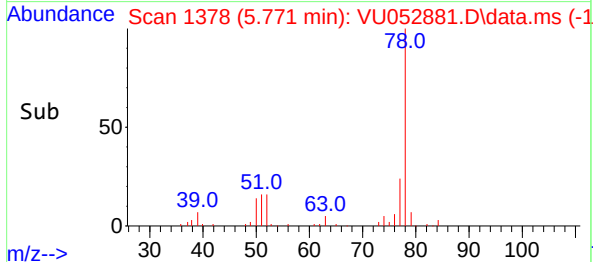
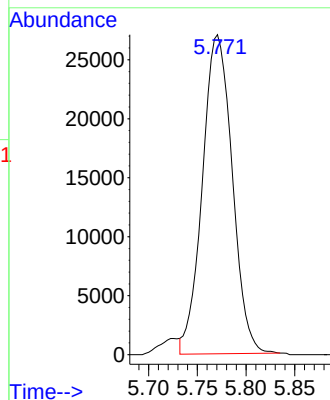
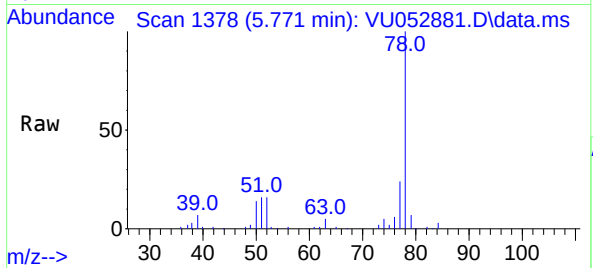
A44M0

Tgt Ion: 78 Resp: 57609

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Trichloroethene

Concen: 27.124 ug/L

RT: 6.539 min Scan# 1617

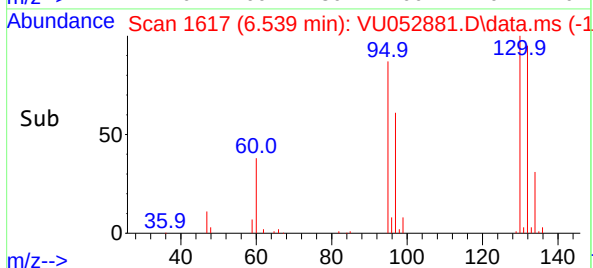
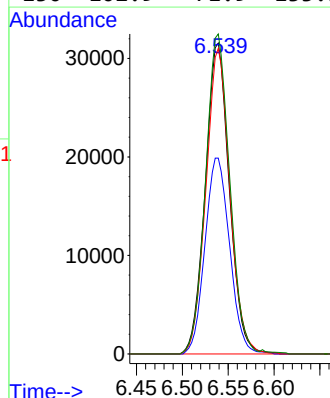
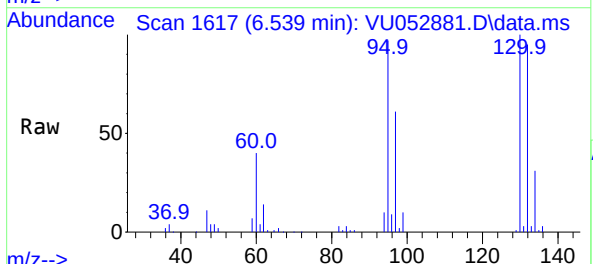
Delta R.T. -0.000 min

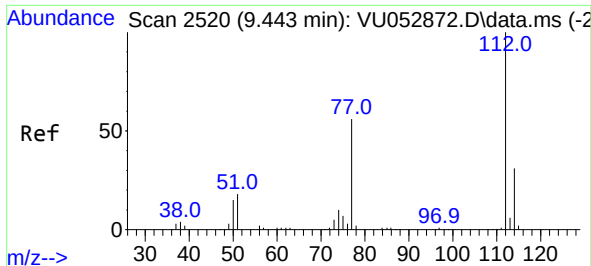
Lab File: VU052881.D

Acq: 31 Jan 2023 15:42

Tgt Ion: 95 Resp: 57470

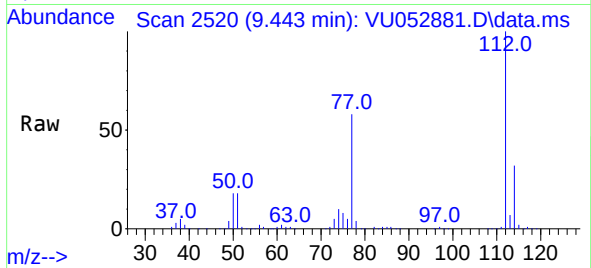
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.5	82.7
132	98.3	66.8	124.0
130	102.9	71.9	133.5





#51
Chlorobenzene
Concen: 120.223 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VU052881.D
Acq: 31 Jan 2023 15:42

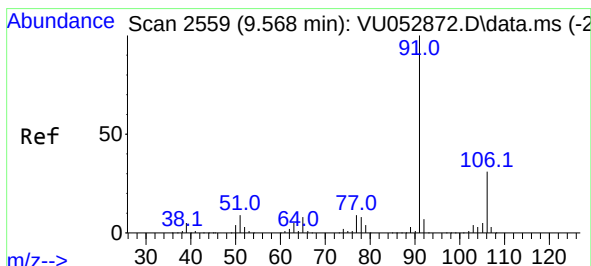
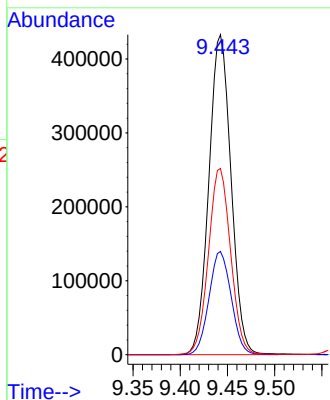
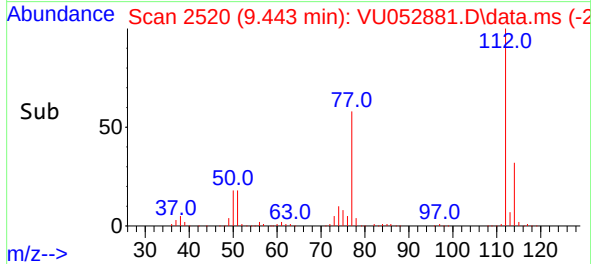
Instrument : MSVOA_U
ClientSampleId : A44M0



Tgt Ion:112 Resp: 70664
Ion Ratio Lower Upper
112 100
114 32.3 22.8 42.4
77 58.2 45.9 68.9

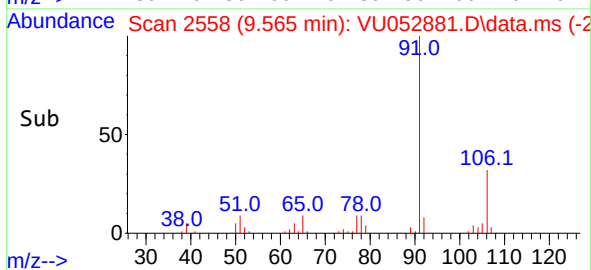
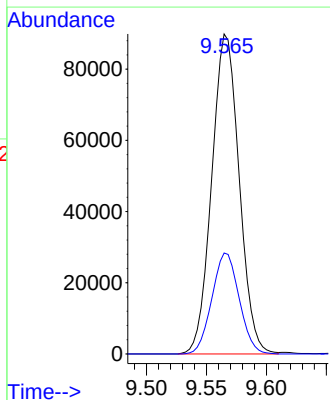
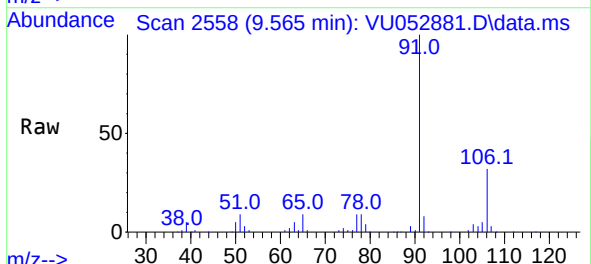
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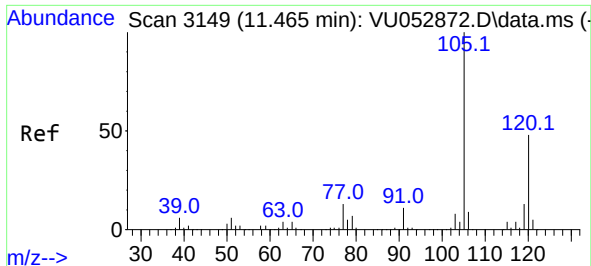
Reviewed By :Krupa Patel 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023



#52
Ethylbenzene
Concen: 15.646 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.003 min
Lab File: VU052881.D
Acq: 31 Jan 2023 15:42

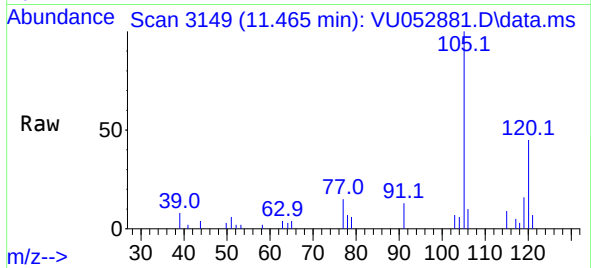
Tgt Ion: 91 Resp: 142847
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8





#63
1,2,4-Trimethylbenzene
Concen: 1.154 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU052881.D
Acq: 31 Jan 2023 15:42

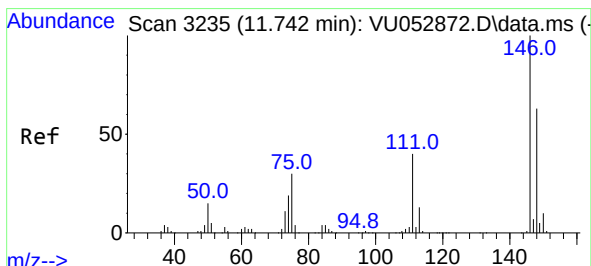
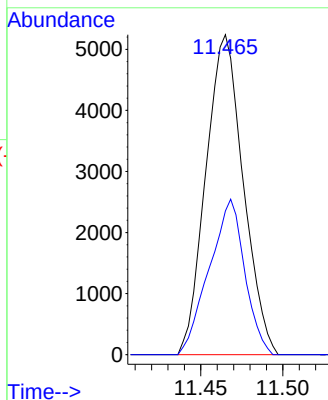
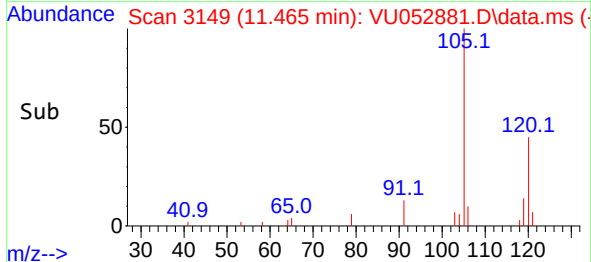
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MSVOA_U
ClientSampleId :
A44M0



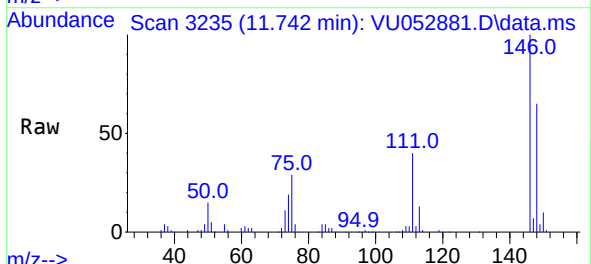
Tgt Ion:105 Resp: 829
Ion Ratio Lower Upper
105 100
120 46.1 38.1 57.1

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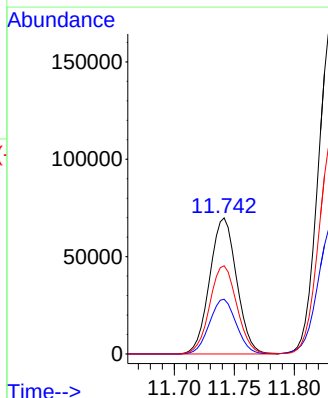
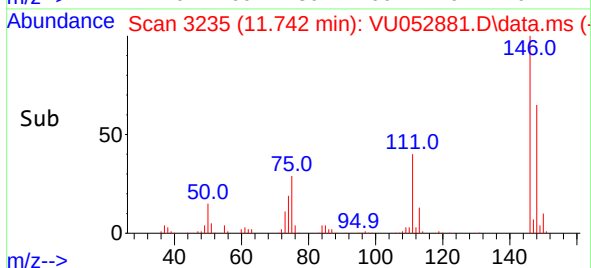
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Supervised By :Mahesh Dadoda 02/01/2023

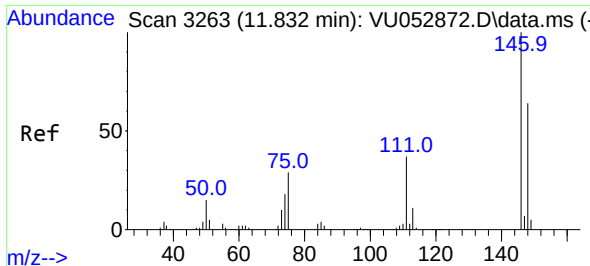


#64
1,3-Dichlorobenzene
Concen: 24.285 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU052881.D
Acq: 31 Jan 2023 15:42



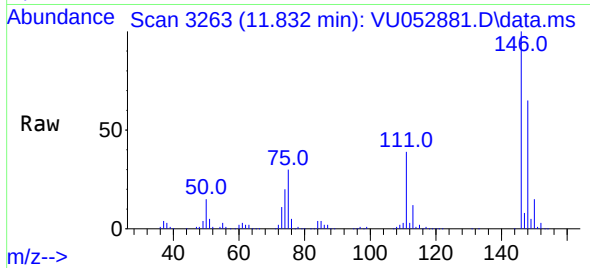
Tgt Ion:146 Resp: 109238
Ion Ratio Lower Upper
146 100
111 40.3 27.8 51.6
148 64.9 45.5 84.5





#65
1,4-Dichlorobenzene
Concen: 56.664 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052881.D
Acq: 31 Jan 2023 15:42

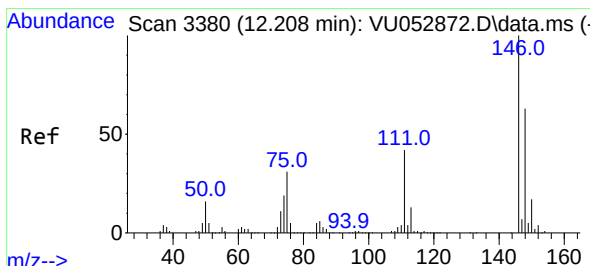
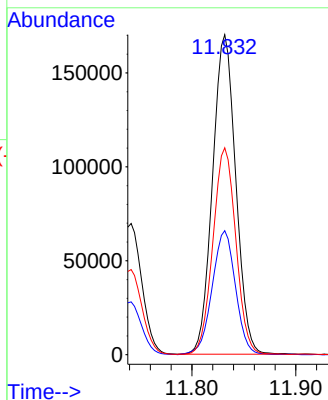
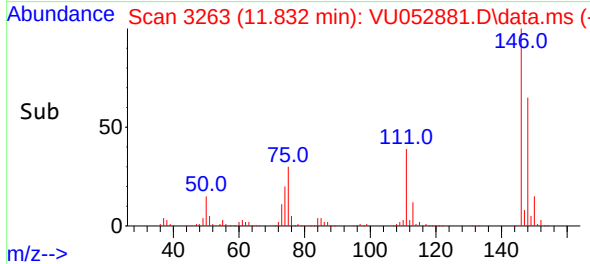
Instrument :
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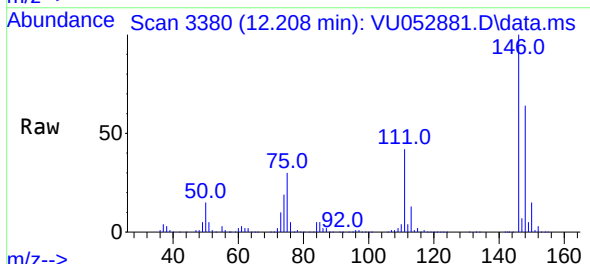
Tgt Ion:146 Resp: 26386
Ion Ratio Lower Upper
146 100
111 38.7 26.7 49.7
148 64.7 45.6 84.6

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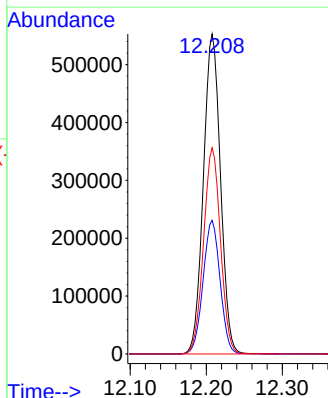
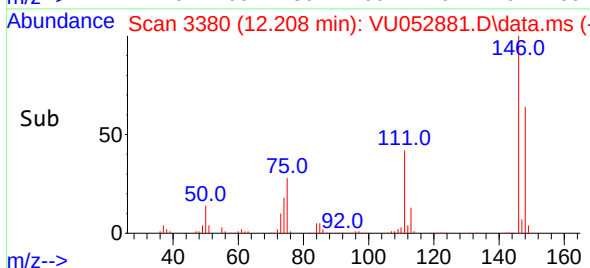
Reviewed By :Krupa Patel 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

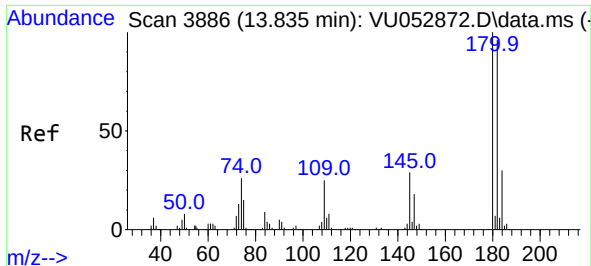


#67
1,2-Dichlorobenzene
Concen: 190.045 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU052881.D
Acq: 31 Jan 2023 15:42



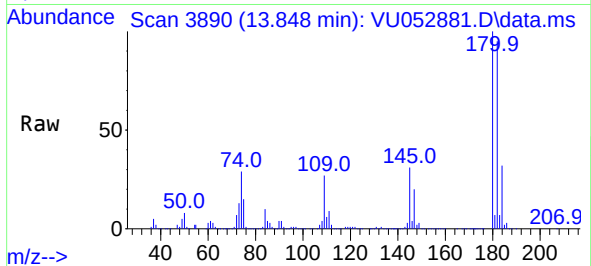
Tgt Ion:146 Resp: 864657
Ion Ratio Lower Upper
146 100
111 41.7 33.2 49.8
148 64.4 50.2 75.4





#70
1,2,4-trichlorobenzene
Concen: 4845.013 ug/L
RT: 13.848 min Scan# 3886
Delta R.T. 0.013 min
Lab File: VU052881.D
Acq: 31 Jan 2023 15:42

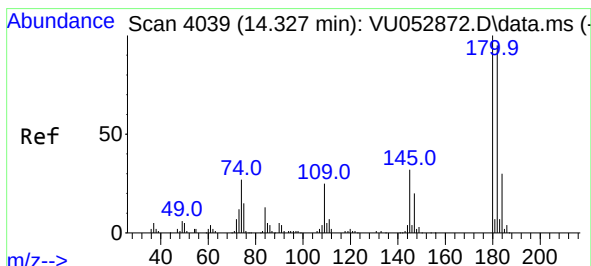
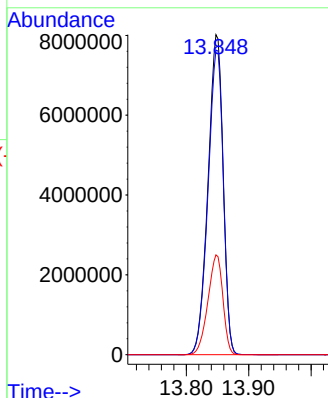
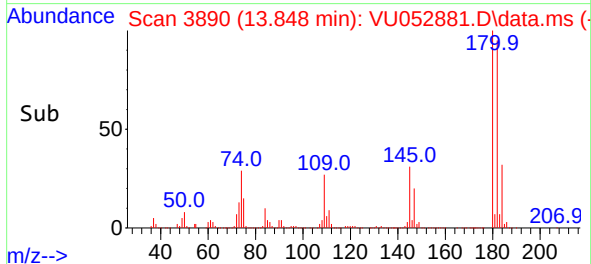
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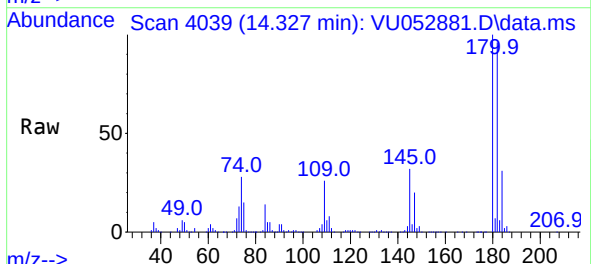
Tgt Ion:180 Resp:1352676
Ion Ratio Lower Upper
180 100
182 95.8 78.2 117.2
145 30.8 23.4 35.2

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#72
1,2,3-Trichlorobenzene
Concen: 1006.462 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU052881.D
Acq: 31 Jan 2023 15:42



Tgt Ion:180 Resp: 2969600
Ion Ratio Lower Upper
180 100
182 96.0 77.5 116.3
145 31.8 24.2 36.4

