

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053615.D
 Acq On : 10 Apr 2023 15:15
 Operator : JC/MD
 Sample : 02251-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMD0

Quant Time: Apr 11 02:22:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 02:19:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	264841	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	252920	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	131488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85310	41.368	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.740%		
7) Chloroethane-d5	1.909	69	73738	46.376	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.760%		
11) 1,1-Dichloroethene-d2	2.562	63	102827	32.212	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.420%		
21) 2-Butanone-d5	4.613	46	104985	112.442	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.440%		
24) Chloroform-d	5.057	84	151129	44.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.620%		
26) 1,2-Dichloroethane-d4	5.697	65	99674	49.459	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.920%		
32) Benzene-d6	5.726	84	321431	47.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.160%		
36) 1,2-Dichloropropane-d6	6.687	67	98462	47.185	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.380%		
41) Toluene-d8	7.893	98	295413	43.536	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.080%		
43) trans-1,3-Dichloroprop...	8.172	79	46468	43.140	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.280%		
47) 2-Hexanone-d5	8.626	63	80346	112.819	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	112.820%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	141091	47.972	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.940%		
66) 1,2-Dichlorobenzene-d4	12.188	152	120938	44.064	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.120%		
Target Compounds						Qvalue
13) Acetone	2.620	43	2148	2.560	ug/L	92
25) Chloroform	5.083	83	2021	0.651	ug/L #	75
33) Benzene	5.767	78	17745146m	2692.871	ug/L	
51) Chlorobenzene	9.446	112	14161454	2752.324	ug/L #	88
64) 1,3-Dichlorobenzene	11.741	146	78846	19.410	ug/L	98
65) 1,4-Dichlorobenzene	11.831	146	2220691	536.394	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	1784316	440.737	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	38501	13.805	ug/L	98

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

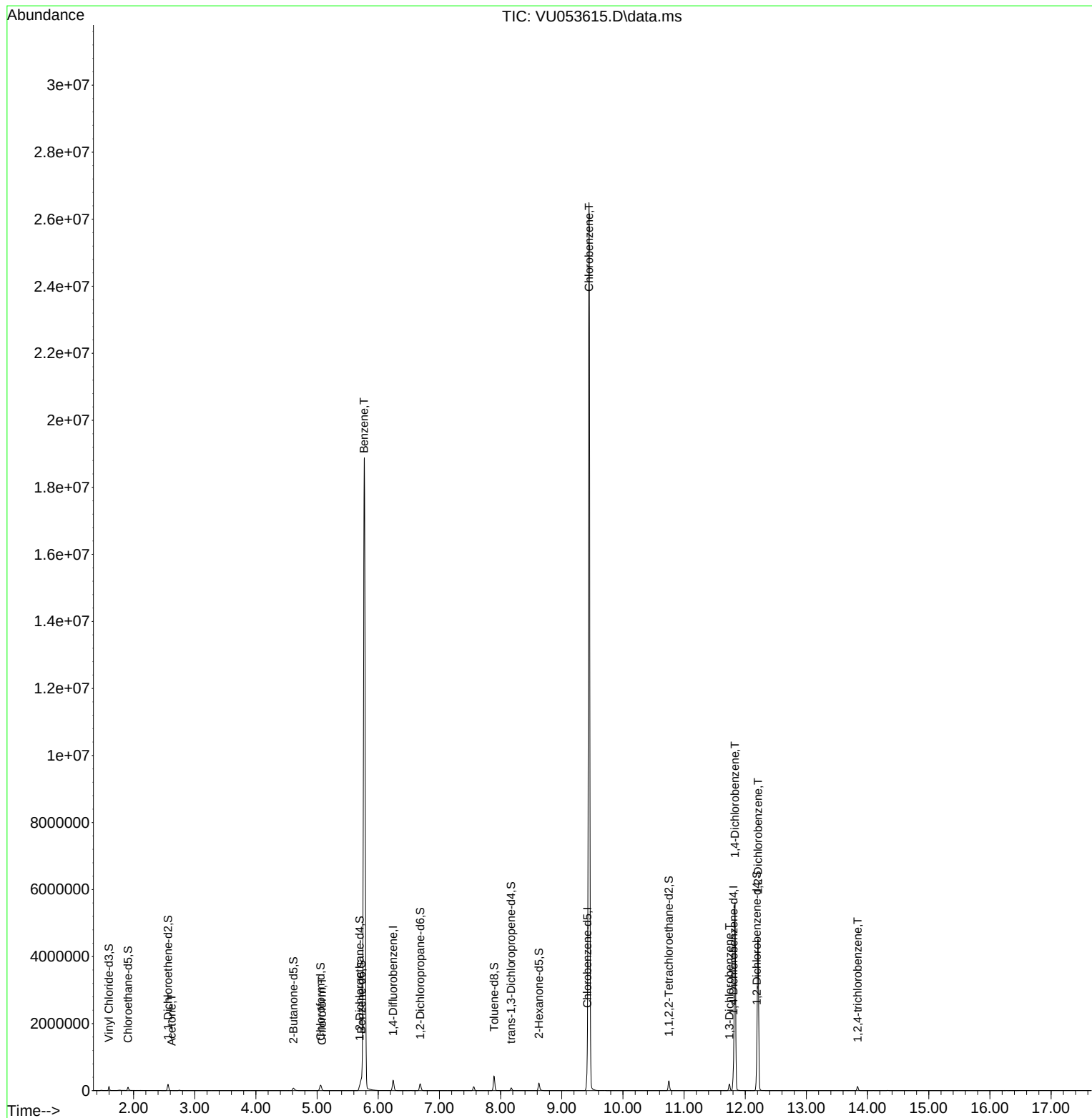
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
Data File : VU053615.D
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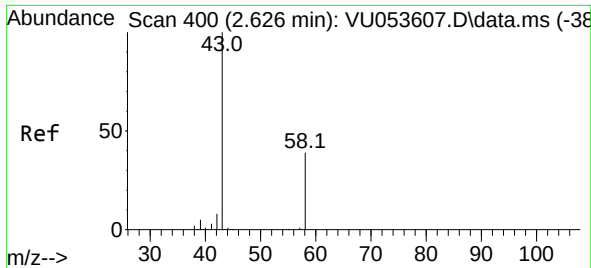
Instrument :
MSVOA_U
ClientSampleId :
COMD0

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Supervised By :Mahesh Dadoda 04/11/2023

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Quant Title : VOC Analysis
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Response via : Initial Calibration





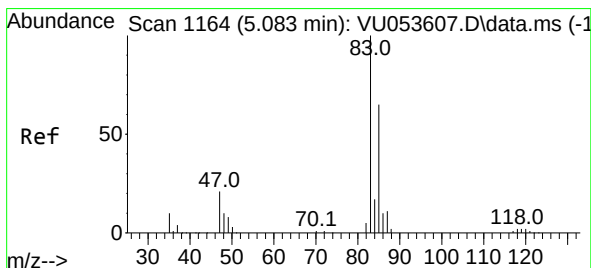
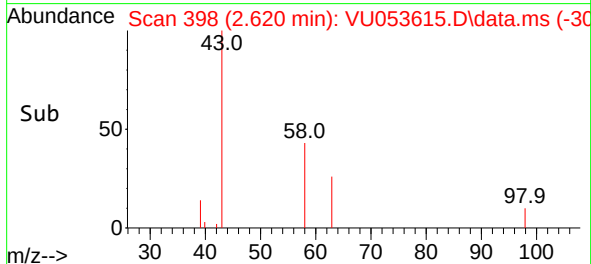
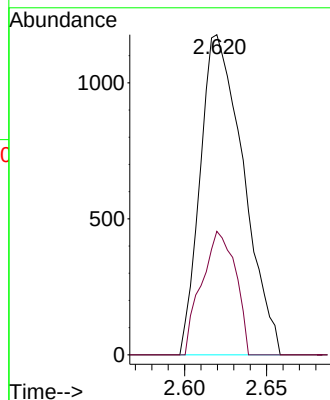
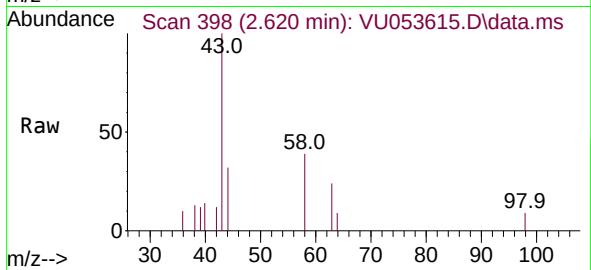
#13
Acetone
Concen: 2.560 ug/L
RT: 2.620 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU053615.D
Acq: 10 Apr 2023 15:15

Instrument :
MSVOA_U
ClientSampleId :
COMD0

Tgt Ion: 43 Resp: 2148
Ion Ratio Lower Upper
43 100
58 30.3 0.0 70.2

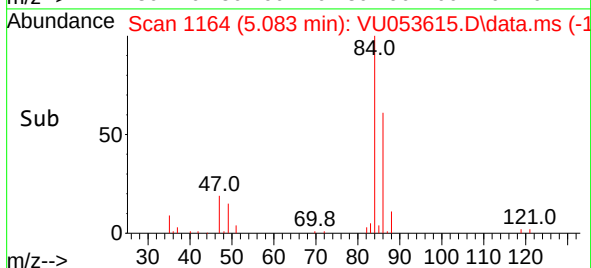
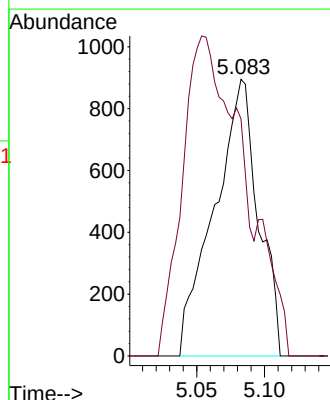
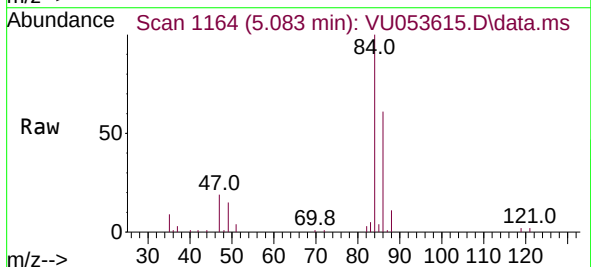
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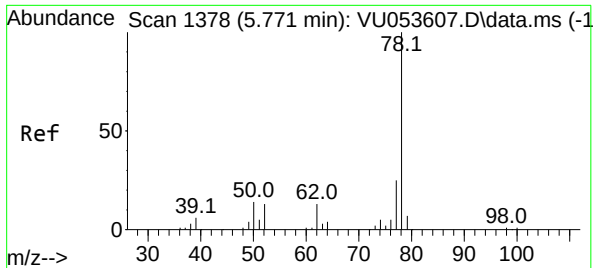
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#25
Chloroform
Concen: 0.651 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU053615.D
Acq: 10 Apr 2023 15:15

Tgt Ion: 83 Resp: 2021
Ion Ratio Lower Upper
83 100
85 85.7 46.1 85.5#





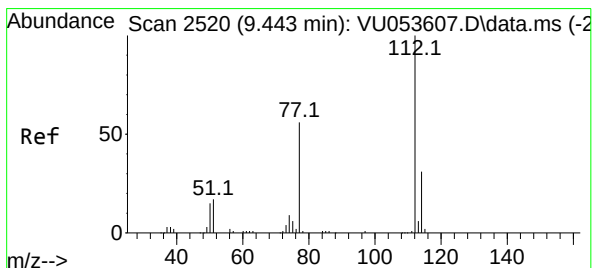
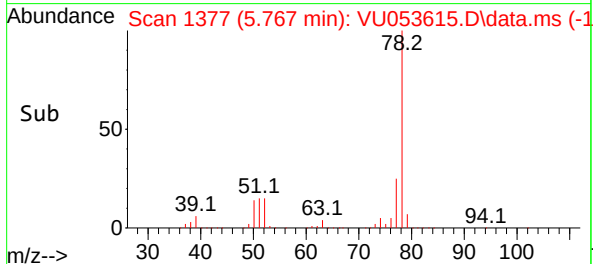
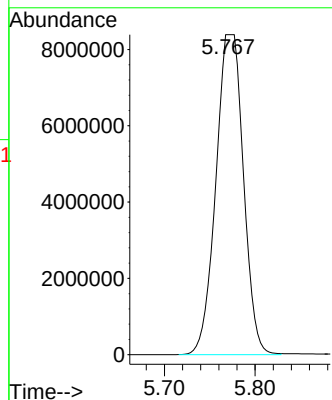
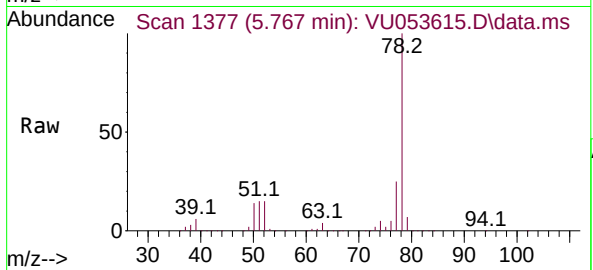
#33
Benzene
Concen: 2692.871 ug/L m
RT: 5.767 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU053615.D
Acq: 10 Apr 2023 15:15

Instrument :
MSVOA_U
ClientSampleId :
COMD0

Tgt Ion: 78 Resp:1774514

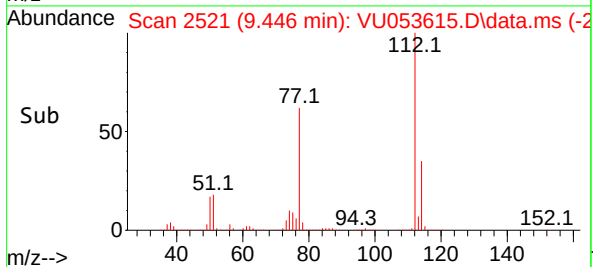
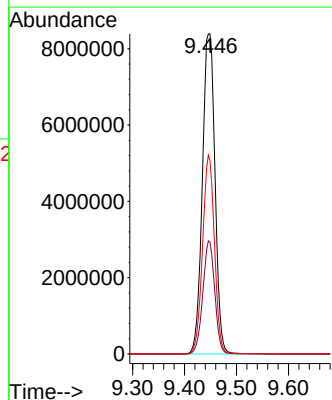
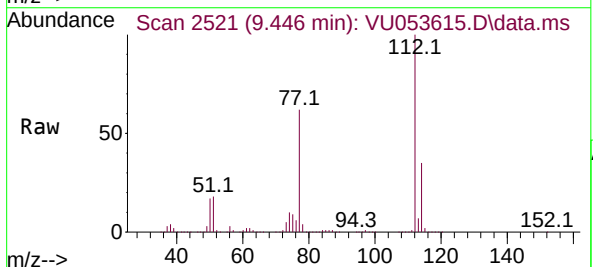
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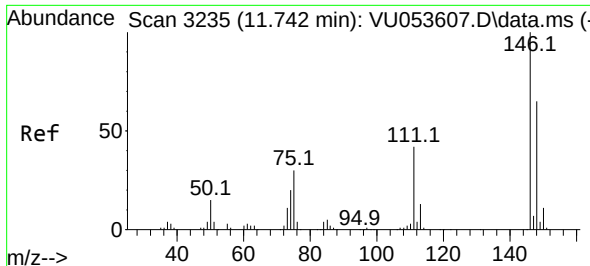
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#51
Chlorobenzene
Concen: 2752.324 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU053615.D
Acq: 10 Apr 2023 15:15

Tgt Ion:112 Resp:14161454
Ion Ratio Lower Upper
112 100
114 35.4 22.2 41.2
77 62.2 41.3 61.9#





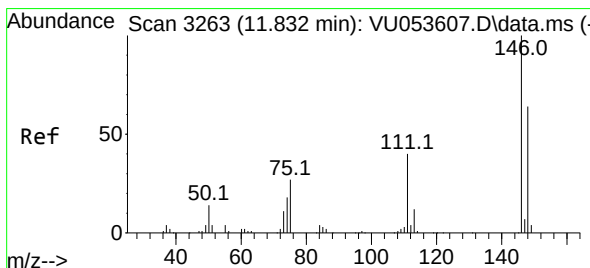
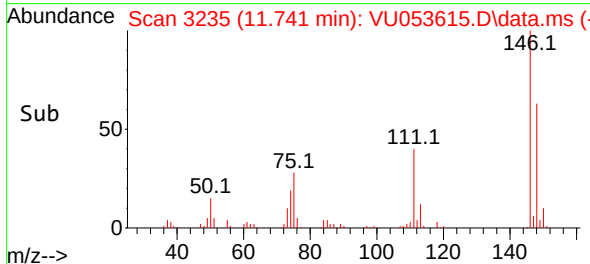
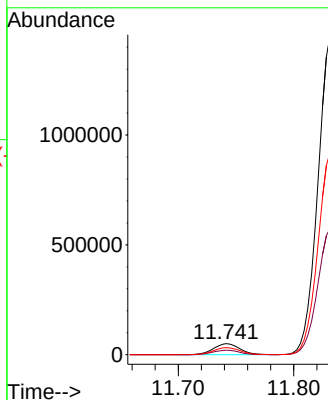
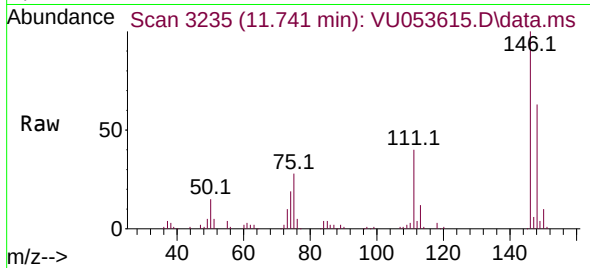
#64
1,3-Dichlorobenzene
Concen: 19.410 ug/L
RT: 11.741 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU053615.D
Acq: 10 Apr 2023 15:15

Instrument :
MSVOA_U
ClientSampleId :
COMD0

Tgt Ion:146 Resp: 78840
Ion Ratio Lower Upper
146 100
111 40.2 25.7 47.7
148 63.3 44.2 82.2

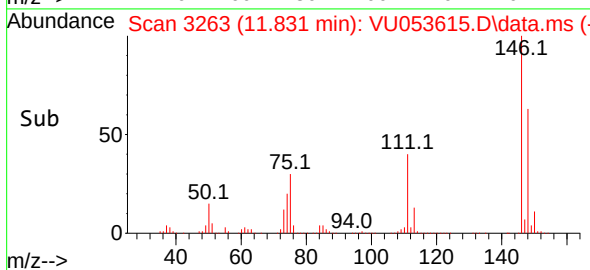
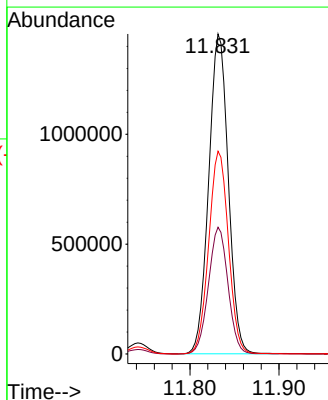
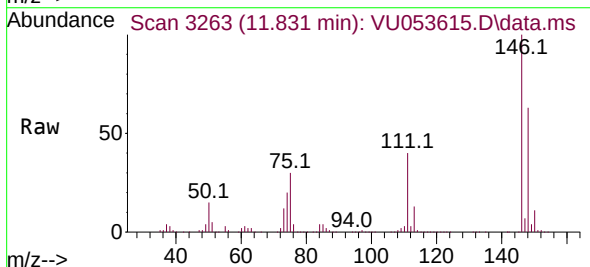
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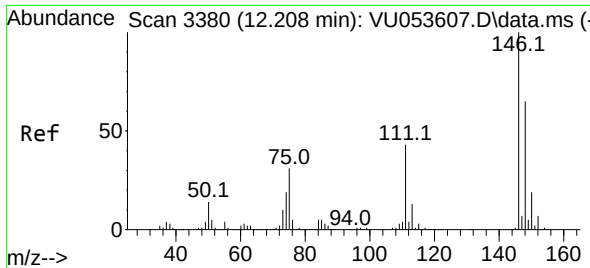
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Supervised By :Mahesh Dadoda 04/11/2023



#65
1,4-Dichlorobenzene
Concen: 536.394 ug/L
RT: 11.831 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU053615.D
Acq: 10 Apr 2023 15:15

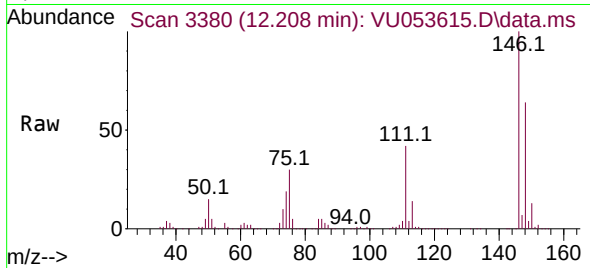
Tgt Ion:146 Resp: 2220691
Ion Ratio Lower Upper
146 100
111 39.6 25.1 46.5
148 63.4 44.3 82.3





#67
1,2-Dichlorobenzene
Concen: 440.737 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU053615.D
Acq: 10 Apr 2023 15:15

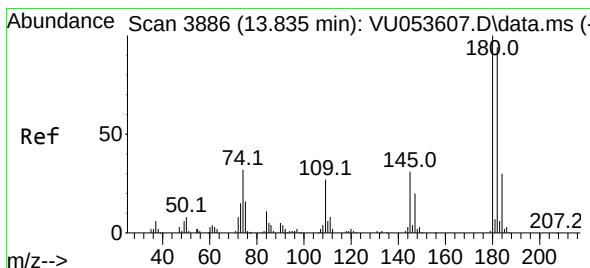
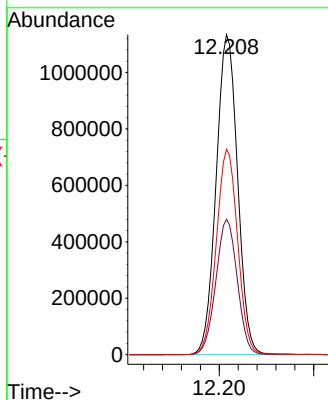
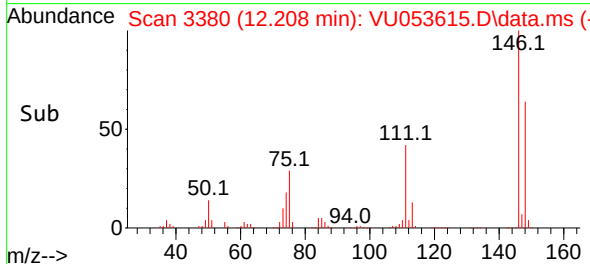
Instrument :
MSVOA_U
ClientSampleId :
COMD0



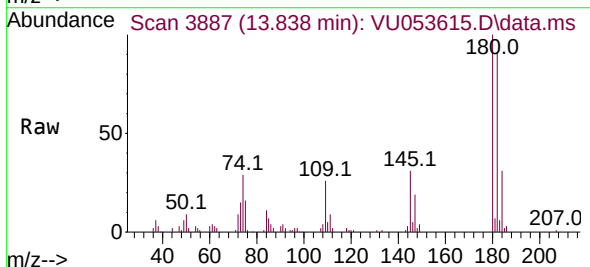
Tgt Ion:146 Resp: 1784310
Ion Ratio Lower Upper
146 100
111 42.4 31.5 47.3
148 64.2 51.6 77.4

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#70
1,2,4-trichlorobenzene
Concen: 13.805 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.003 min
Lab File: VU053615.D
Acq: 10 Apr 2023 15:15



Tgt Ion:180 Resp: 38501
Ion Ratio Lower Upper
180 100
182 93.6 75.8 113.8
145 31.7 23.4 35.2

