

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030751.D
 Acq On : 21 Apr 2023 05:16
 Operator : SY/MD
 Sample : 02398-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 21 06:16:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 01:37:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	246890	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	243478	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	145949	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	73831	40.793	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.580%		
7) Chloroethane-d5	1.535	69	61894	40.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.620%		
11) 1,1-Dichloroethene-d2	2.066	65	35942	41.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.760%		
21) 2-Butanone-d5	3.799	46	94900	95.463	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.460%		
24) Chloroform-d	4.259	84	137284	41.855	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.720%		
26) 1,2-Dichloroethane-d4	4.950	65	98155	46.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.100%		
32) Benzene-d6	4.969	84	257605	44.750	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.500%		
36) 1,2-Dichloropropane-d6	5.998	67	79507	44.464	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.920%		
41) Toluene-d8	7.252	98	226929	41.987	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.980%		
43) trans-1,3-Dichloroprop...	7.561	79	37357	41.450	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.900%		
47) 2-Hexanone-d5	8.030	63	64286	91.262	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.260%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	108391	41.775	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.540%		
66) 1,2-Dichlorobenzene-d4	11.583	152	132197m	56.986	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.980%		
Target Compounds						
					Qvalue	
33) Benzene	5.021	78	18044	2.440	ug/L	100
51) Chlorobenzene	8.825	112	6946591	1324.456	ug/L	95
64) 1,3-Dichlorobenzene	11.127	146	556413	122.099	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	2413473	502.241	ug/L	99
67) 1,2-Dichlorobenzene	11.596	146	18899981m	4111.091	ug/L	
70) 1,2,4-trichlorobenzene	13.210	180	3768718	1289.407	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	544878	188.000	ug/L	100

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

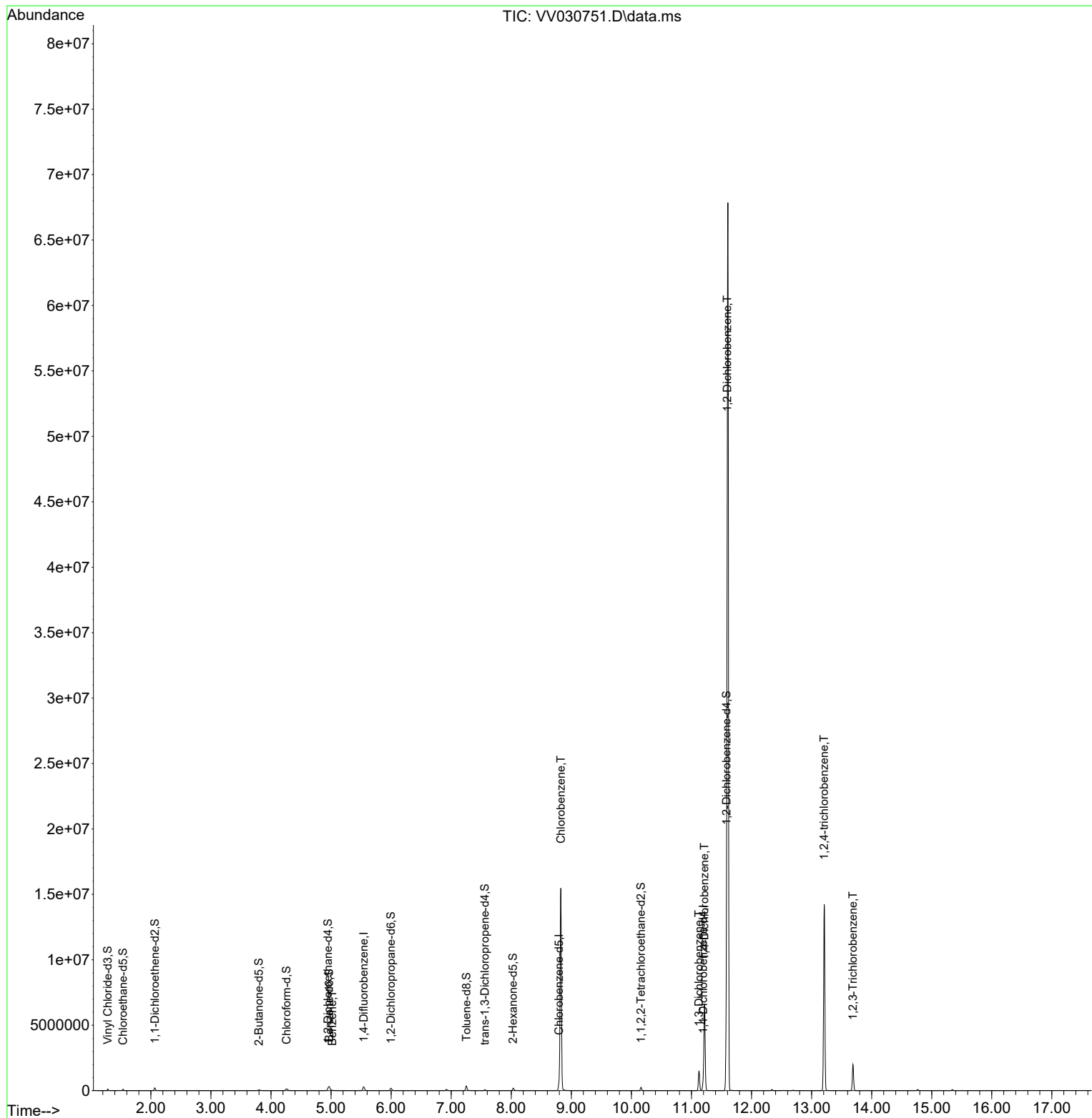
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042023\
Data File : VV030751.D
Acq On : 21 Apr 2023 05:16
Operator : SY/MD
Sample : 02398-06
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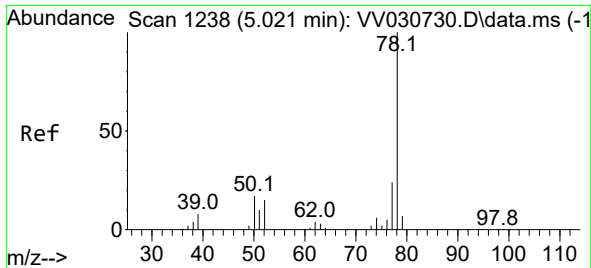
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Quant Title : VOC Analysis
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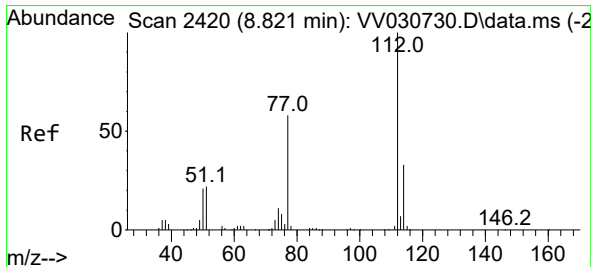
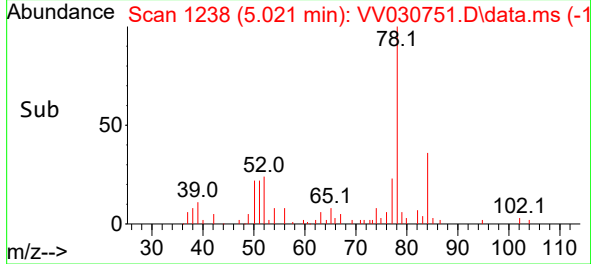
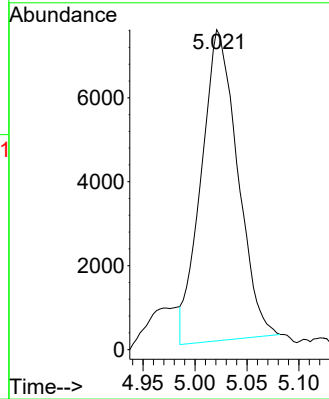
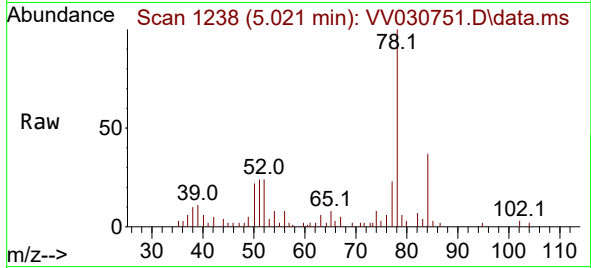
#33
Benzene
Concen: 2.440 ug/L
RT: 5.021 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030751.D
Acq: 21 Apr 2023 05:16

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Tgt Ion: 78 Resp: 1804

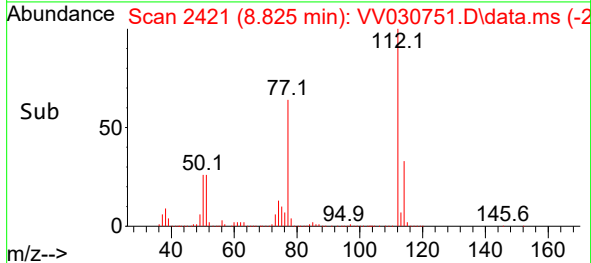
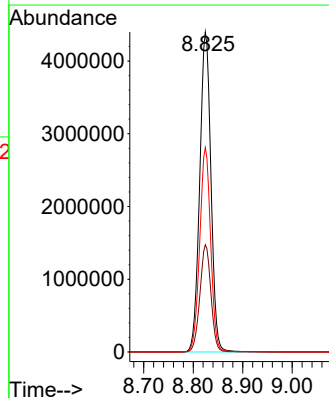
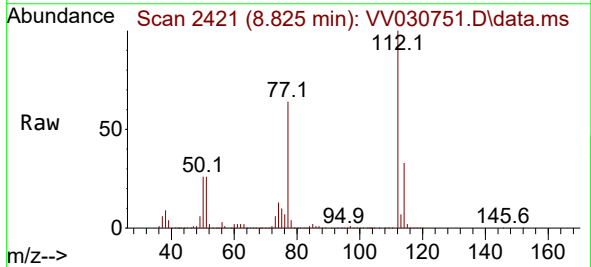
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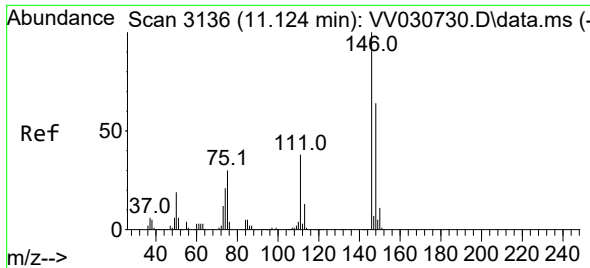
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#51
Chlorobenzene
Concen: 1324.456 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV030751.D
Acq: 21 Apr 2023 05:16

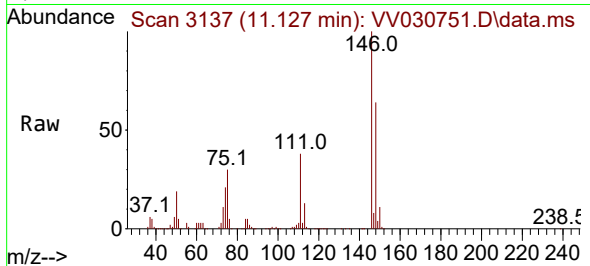
Tgt Ion:112 Resp: 6946591
Ion Ratio Lower Upper
112 100
114 33.5 22.4 41.6
77 63.9 47.4 71.0





#64
1,3-Dichlorobenzene
Concen: 122.099 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.003 min
Lab File: VV030751.D
Acq: 21 Apr 2023 05:16

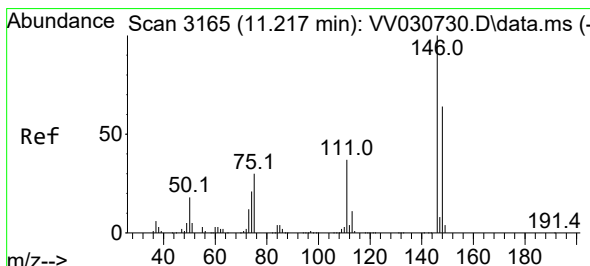
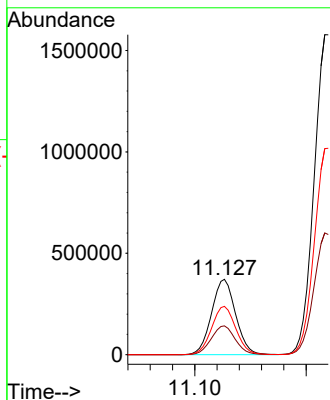
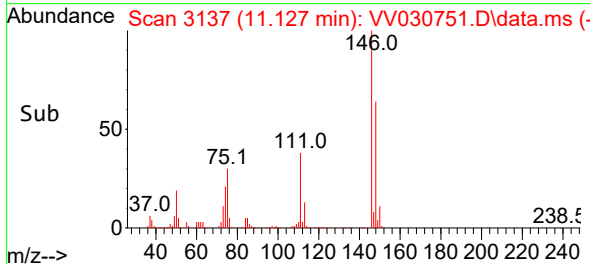
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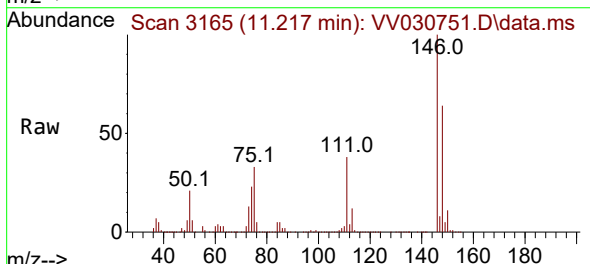
Tgt Ion:146 Resp: 556411
Ion Ratio Lower Upper
146 100
111 38.3 27.0 50.2
148 64.0 44.8 83.2

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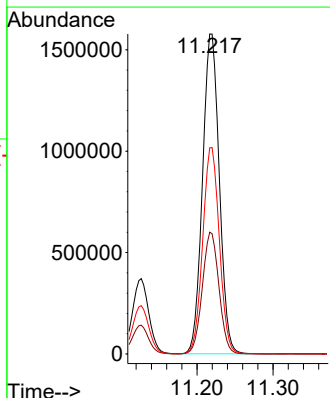
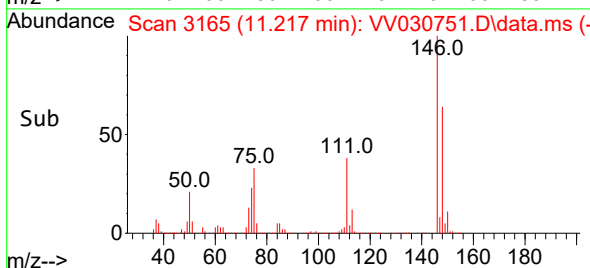
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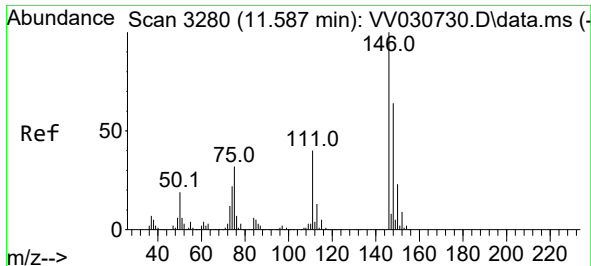


#65
1,4-Dichlorobenzene
Concen: 502.241 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030751.D
Acq: 21 Apr 2023 05:16



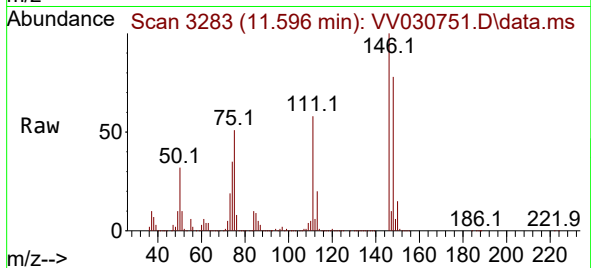
Tgt Ion:146 Resp: 2413473
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.1
148 64.4 44.7 83.1





#67
1,2-Dichlorobenzene
Concen: 4111.091 ug/L m
RT: 11.596 min Scan# 31
Delta R.T. 0.009 min
Lab File: VV030751.D
Acq: 21 Apr 2023 05:16

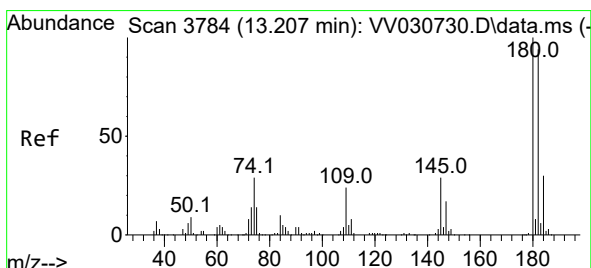
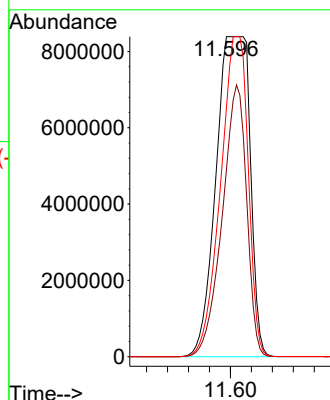
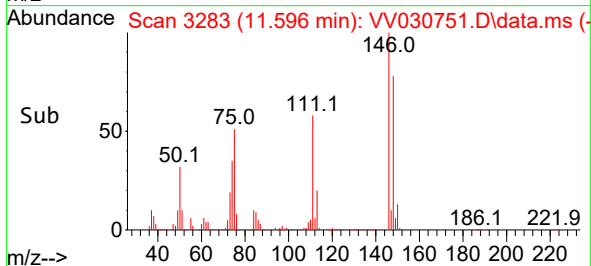
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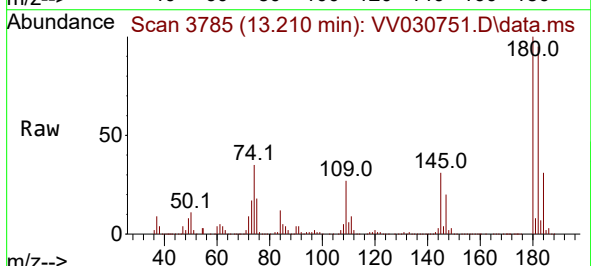
Tgt Ion:146 Resp:1889998
Ion Ratio Lower Upper
146 100
111 58.5 32.0 48.0
148 77.8 50.6 76.0

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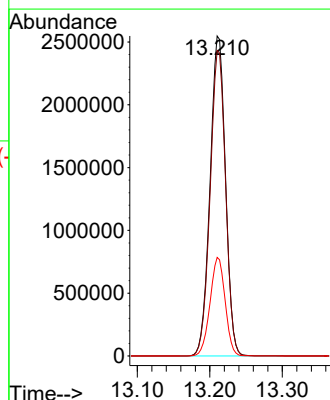
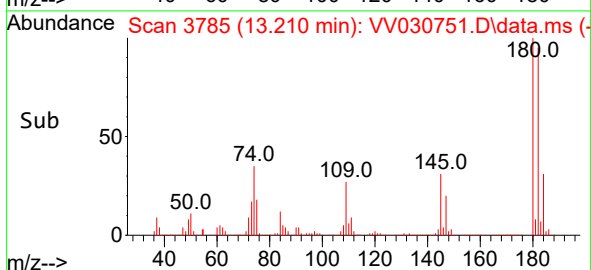
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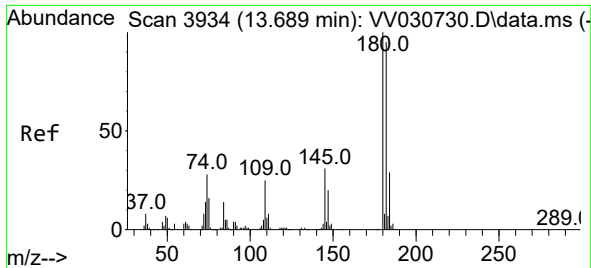


#70
1,2,4-trichlorobenzene
Concen: 1289.407 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV030751.D
Acq: 21 Apr 2023 05:16



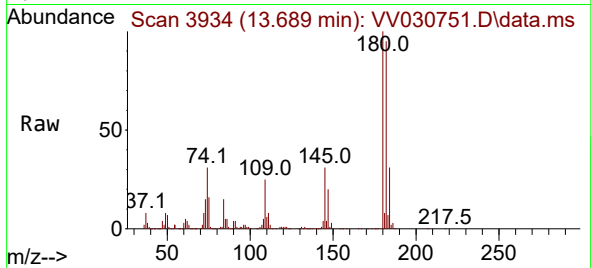
Tgt Ion:180 Resp: 3768718
Ion Ratio Lower Upper
180 100
182 95.5 75.9 113.9
145 30.2 23.4 35.2





#72
 1,2,3-Trichlorobenzene
 Concen: 188.000 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. -0.000 min
 Lab File: VV030751.D
 Acq: 21 Apr 2023 05:16

Instrument :
 MSVOA_V
 ClientSampleId :
 COMN6



Tgt Ion:180 Resp: 544878
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.2 114.4
 145 30.8 25.1 37.7

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