

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030711.D
 Acq On : 20 Apr 2023 13:00
 Operator : SY/MD
 Sample : 02411-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR4

Quant Time: Apr 21 00:17:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	168132	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	167660	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	80396	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	35481	28.787	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.580%#		
7) Chloroethane-d5	1.535	69	35646	34.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.020%#		
11) 1,1-Dichloroethene-d2	2.063	65	19458	33.289	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.580%		
21) 2-Butanone-d5	3.796	46	91265	134.811	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	134.810%#		
24) Chloroform-d	4.259	84	106082	47.493	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.980%		
26) 1,2-Dichloroethane-d4	4.953	65	75478	52.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.120%		
32) Benzene-d6	4.969	84	177834	44.863	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.720%		
36) 1,2-Dichloropropane-d6	5.998	67	60607	49.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.440%		
41) Toluene-d8	7.252	98	149309	40.118	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.240%		
43) trans-1,3-Dichloroprop...	7.561	79	28391	45.747	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.500%		
47) 2-Hexanone-d5	8.034	63	53396	110.081	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.080%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	97818	54.748	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.500%		
66) 1,2-Dichlorobenzene-d4	11.570	152	72654	56.856	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.720%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.076	96	2529m	2.148	ug/L	
20) cis-1,2-Dichloroethene	3.825	96	24712	19.114	ug/L	96
30) 1,1,1-Trichloroethane	4.526	97	7119	3.022	ug/L #	36
34) Trichloroethene	5.841	95	155705	117.575	ug/L	99
51) Chlorobenzene	8.828	112	4052	1.122	ug/L	93
65) 1,4-Dichlorobenzene	11.217	146	3166	1.196	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	2608	1.030	ug/L	98

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

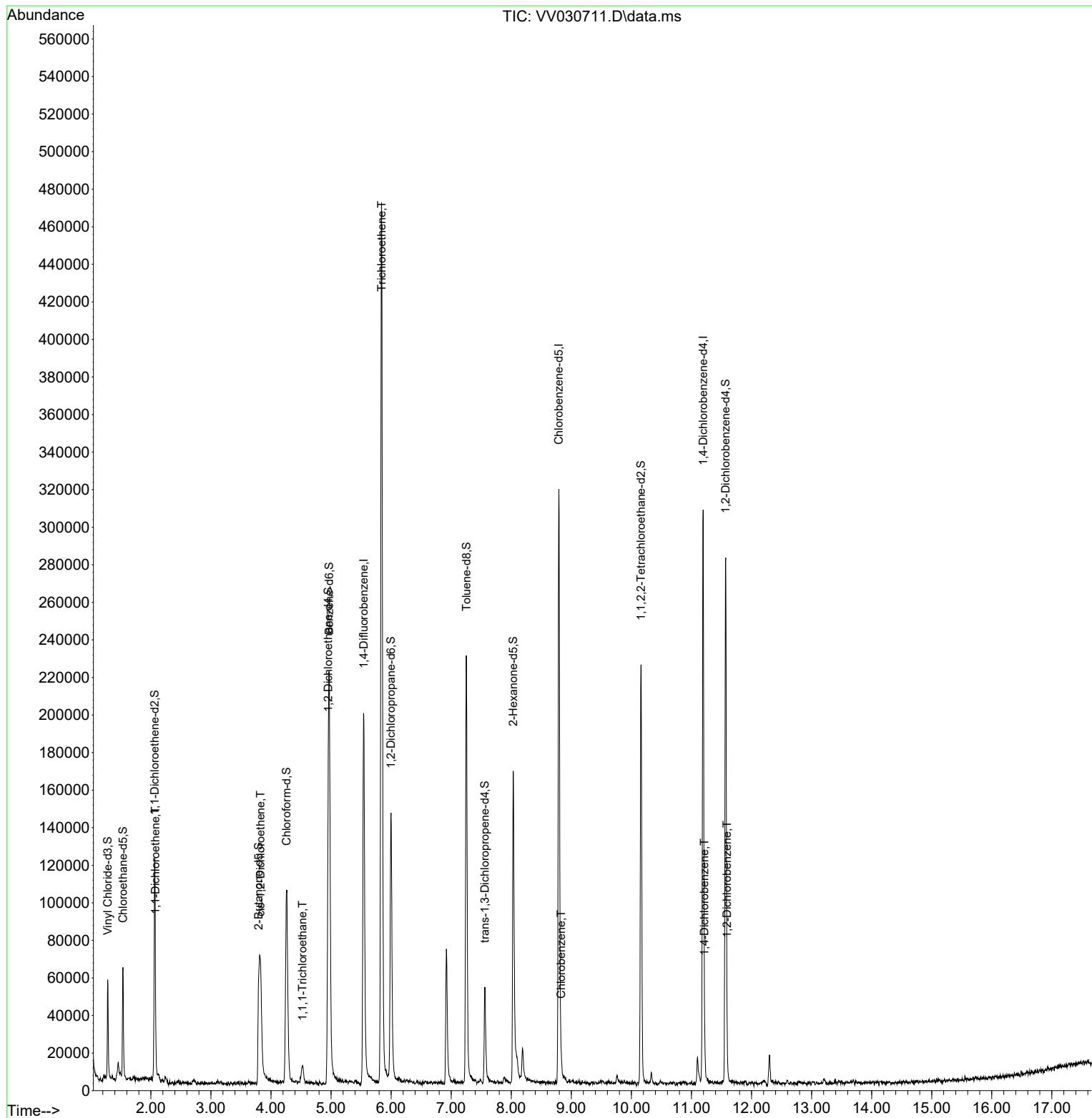
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042023\
Data File : VV030711.D
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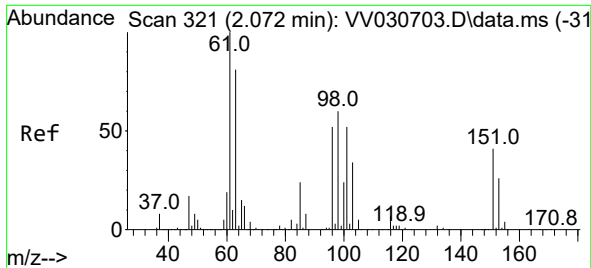
Instrument :
MSVOA_V
ClientSampleId :
C0AR4

Quant Time: Apr 21 00:17:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
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#12

1,1-Dichloroethene

Concen: 2.148 ug/L m

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030711.D

Acq: 20 Apr 2023 13:00

Instrument :

MSVOA_V

ClientSampleId :

C0AR4

Tgt Ion: 96 Resp: 2529

Ion Ratio Lower Upper

96 100

61 311.2 131.9 245.0

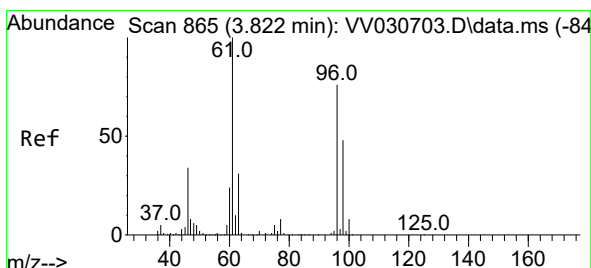
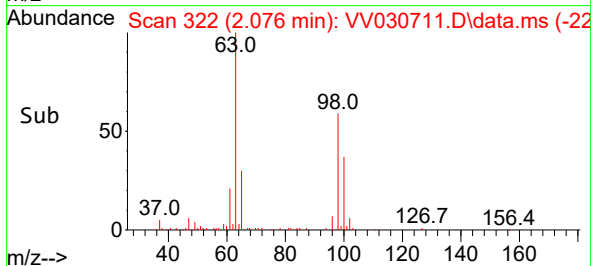
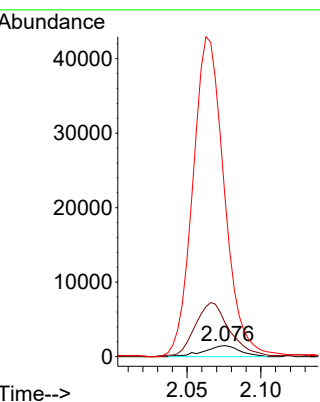
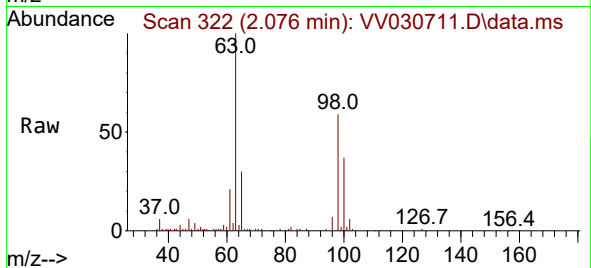
63 1465.0 99.8 185.3

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 19.114 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.003 min

Lab File: VV030711.D

Acq: 20 Apr 2023 13:00

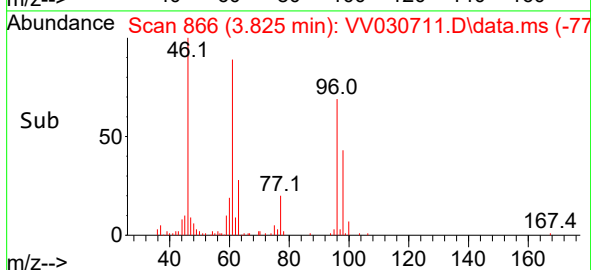
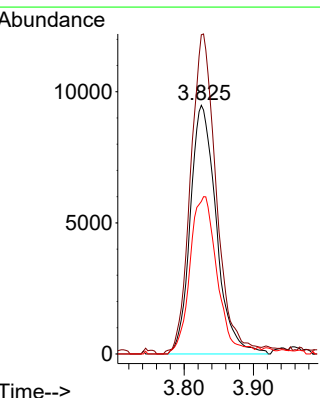
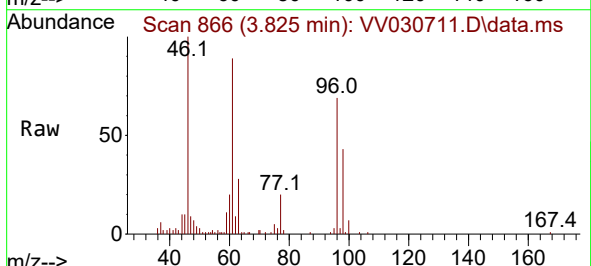
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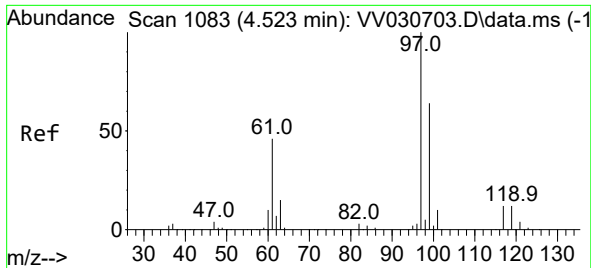
Ion Ratio Lower Upper

96 100

61 128.4 92.3 171.3

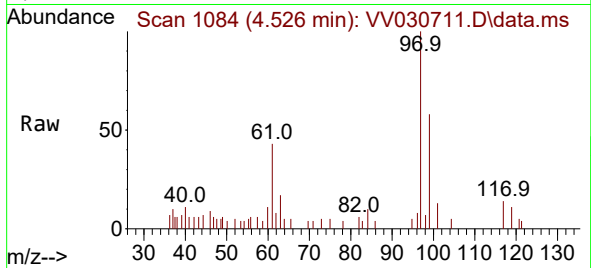
98 61.3 45.9 85.3





#30
1,1,1-Trichloroethane
Concen: 3.022 ug/L
RT: 4.526 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV030711.D
Acq: 20 Apr 2023 13:00

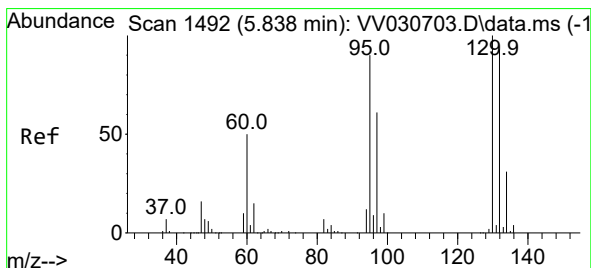
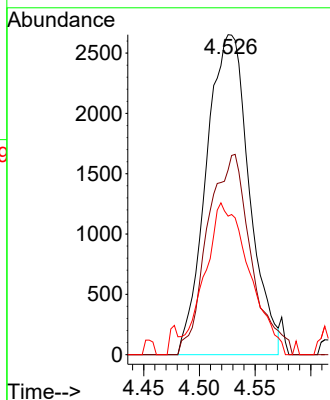
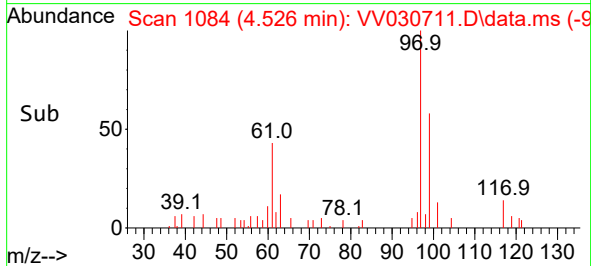
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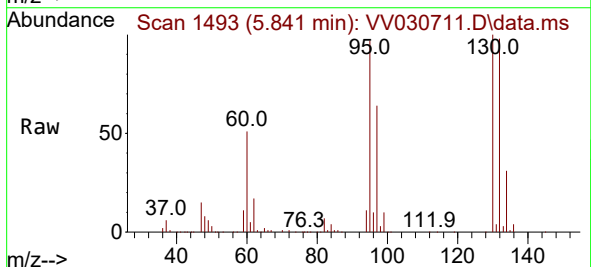
Tgt Ion: 97 Resp: 7119
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0
61 20.5 37.0 55.6

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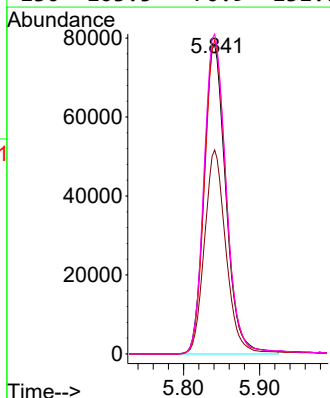
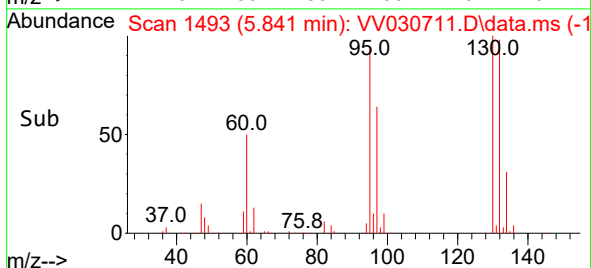
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

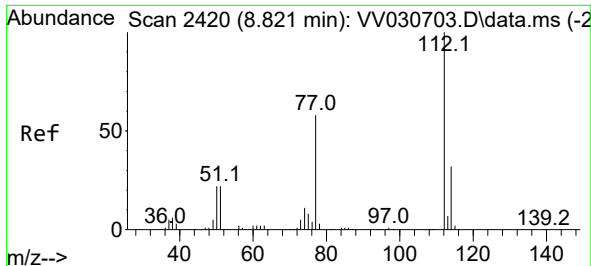


#34
Trichloroethene
Concen: 117.575 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030711.D
Acq: 20 Apr 2023 13:00



Tgt Ion: 95 Resp: 155705
Ion Ratio Lower Upper
95 100
97 66.0 45.8 85.2
132 101.4 70.6 131.2
130 103.5 70.9 131.7





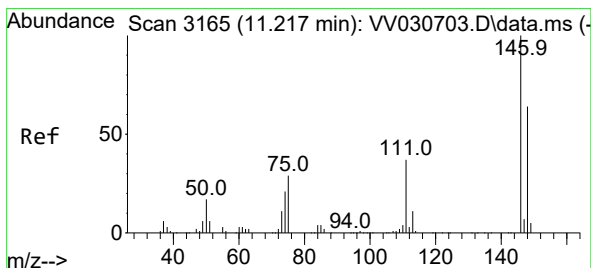
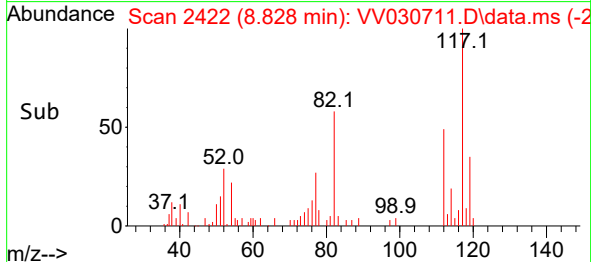
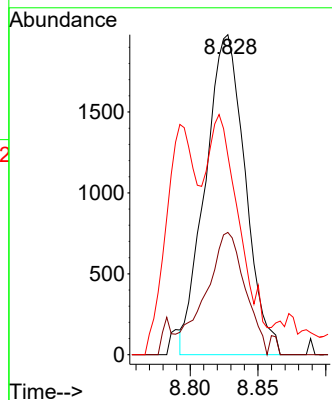
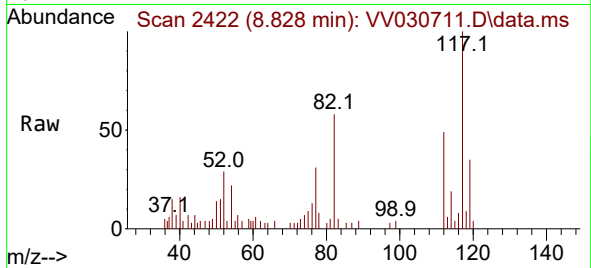
#51
Chlorobenzene
Concen: 1.122 ug/L
RT: 8.828 min Scan# 2420
Delta R.T. 0.006 min
Lab File: VV030711.D
Acq: 20 Apr 2023 13:00

Instrument :
MSVOA_V
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C0AR4

Tgt Ion:112 Resp: 4052
Ion Ratio Lower Upper
112 100
114 38.2 22.4 41.6
77 62.2 47.4 71.0

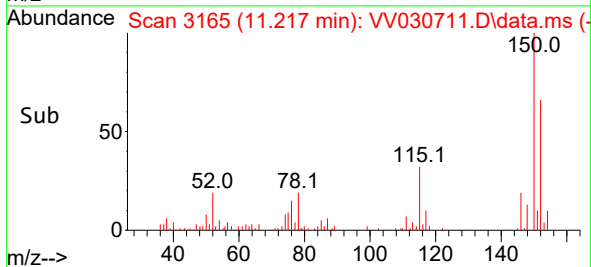
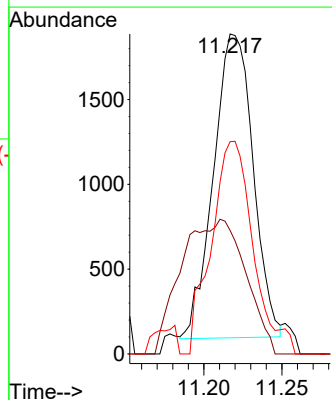
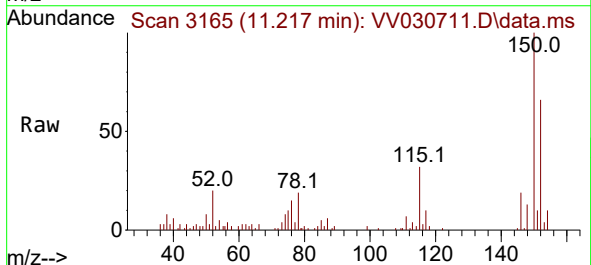
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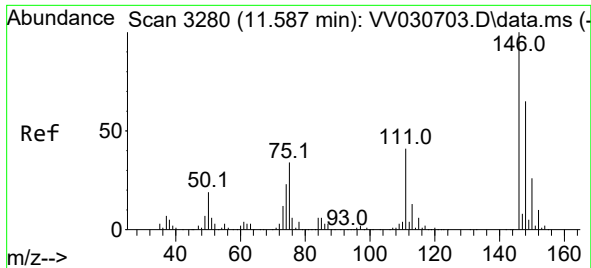
Reviewed By :Krupa Patel 04/22/2023
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#65
1,4-Dichlorobenzene
Concen: 1.196 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030711.D
Acq: 20 Apr 2023 13:00

Tgt Ion:146 Resp: 3166
Ion Ratio Lower Upper
146 100
111 38.6 26.5 49.1
148 66.3 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 1.030 ug/L

RT: 11.590 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030711.D

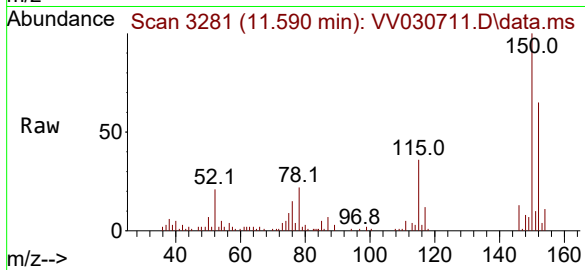
Acq: 20 Apr 2023 13:00

Instrument :

MSVOA_V

ClientSampleId :

C0AR4



Tgt Ion:	146	Resp:	2608
Ion	Ratio	Lower	Upper
146	100		
111	38.0	32.0	48.0
148	62.3	50.6	76.0

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