

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035197.D
 Acq On : 20 Apr 2023 02:16
 Operator : JC/MD
 Sample : 02378-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK8

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2023
 Supervised By : Mahesh Dadoda 04/21/2023

Quant Time: Apr 20 05:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	455363	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.067	117	382053	50.000	ug/L	0.01
58) 1,4-Dichlorobenzene-d4	12.042	152	182102	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	122216	41.624	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.240%		
7) Chloroethane-d5	1.672	69	102778	48.442	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.880%		
11) 1,1-Dichloroethene-d2	2.306	65	60625	43.152	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.300%		
21) 2-Butanone-d5	4.465	46	206994	105.789	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.790%		
24) Chloroform-d	5.056	84	266977	48.283	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.560%		
26) 1,2-Dichloroethane-d4	5.958	65	178532	50.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.560%		
32) Benzene-d6	5.976	84	561309	51.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.280%		
36) 1,2-Dichloropropane-d6	7.305	67	174605	52.083	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.160%		
41) Toluene-d8	8.647	98	490255	48.877	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.760%		
43) trans-1,3-Dichloroprop...	8.952	79	71501	48.804	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.600%		
47) 2-Hexanone-d5	9.384	63	154246	114.574	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.570%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	223869	54.527	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.060%		
66) 1,2-Dichlorobenzene-d4	12.341	152	158578	44.937	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.880%		
Target Compounds						Qvalue
25) Chloroform	5.099	83	43666	7.975	ug/L	99
29) Cyclohexane	5.470	56	18332	3.971	ug/L	98
31) Carbon tetrachloride	5.678	117	82722	21.771	ug/L	99
33) Benzene	6.056	78	22447542	1940.153	ug/L	100
35) Methylcyclohexane	7.385	83	9048	2.183	ug/L #	81
46) Tetrachloroethene	9.275	164	7327	3.196	ug/L	96
51) Chlorobenzene	10.092	112	28243645m	3571.351	ug/L	
64) 1,3-Dichlorobenzene	11.975	146	5416916	959.197	ug/L	94
65) 1,4-Dichlorobenzene	12.061	146	25733952m	4453.210	ug/L	
67) 1,2-Dichlorobenzene	12.353	146	27713834m	4839.867	ug/L	
70) 1,2,4-trichlorobenzene	13.603	180	11981383m	3665.044	ug/L	
72) 1,2,3-Trichlorobenzene	13.963	180	3160777	979.393	ug/L	98

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

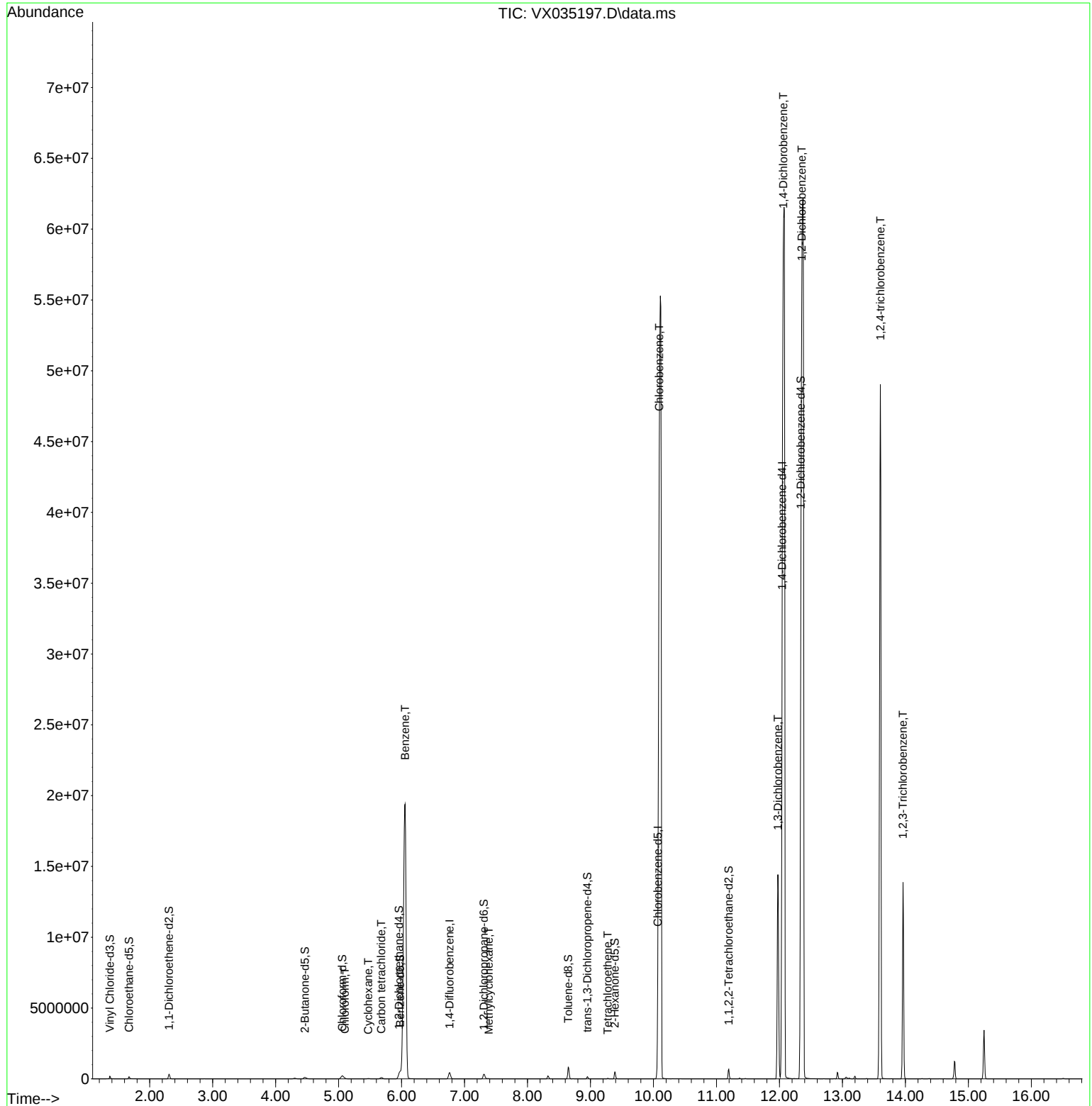
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
Data File : VX035197.D
Acq On : 20 Apr 2023 02:16
Operator : JC/MD
Sample : 02378-15
Misc : 5.0mL/MSVOA_X/WATER
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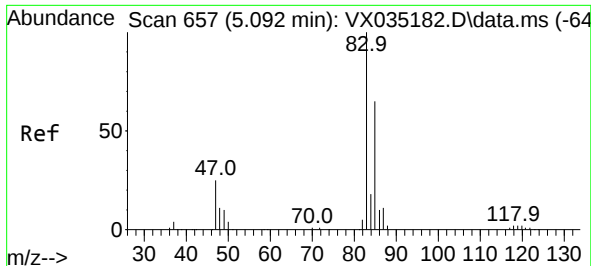
Instrument :
MSVOA_X
ClientSampleId :
COMK8

Quant Time: Apr 20 05:10:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 04:51:49 2023
Response via : Initial Calibration

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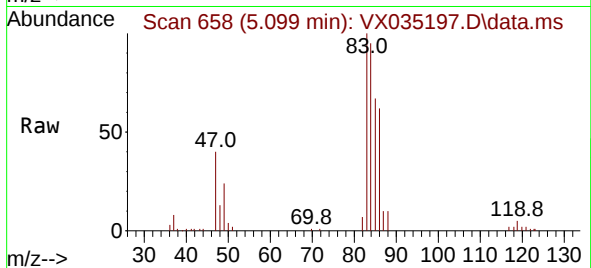
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023





#25
Chloroform
Concen: 7.975 ug/L
RT: 5.099 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX035197.D
Acq: 20 Apr 2023 02:16

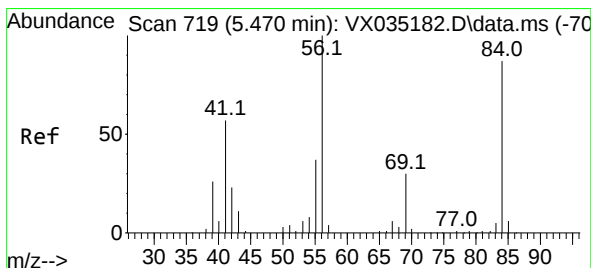
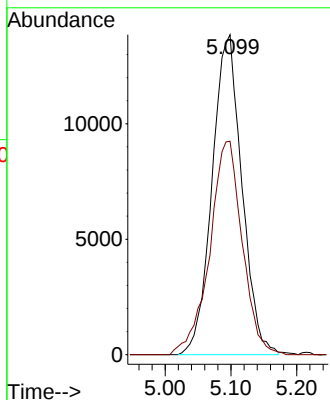
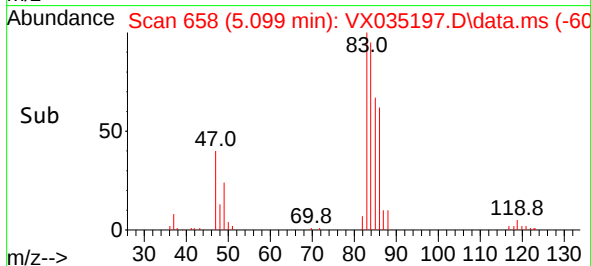
Instrument :
MSVOA_X
ClientSampleId :
COMK8



Tgt Ion: 83 Resp: 4366
Ion Ratio Lower Upper
83 100
85 66.7 46.0 85.4

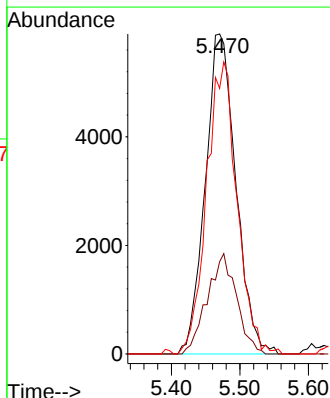
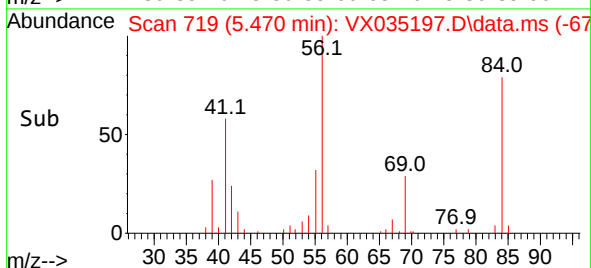
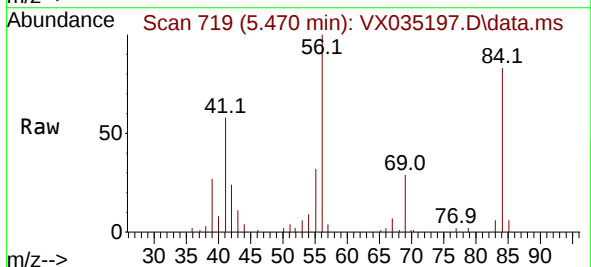
Manual Integrations
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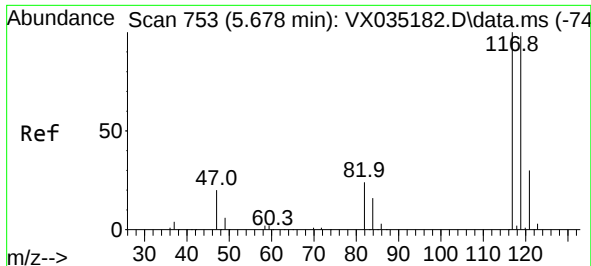
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023



#29
Cyclohexane
Concen: 3.971 ug/L
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035197.D
Acq: 20 Apr 2023 02:16

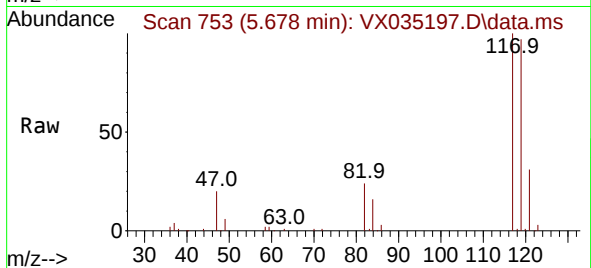
Tgt Ion: 56 Resp: 18332
Ion Ratio Lower Upper
56 100
69 30.0 25.1 37.7
84 89.7 70.1 105.1





#31
Carbon tetrachloride
Concen: 21.771 ug/L
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035197.D
Acq: 20 Apr 2023 02:16

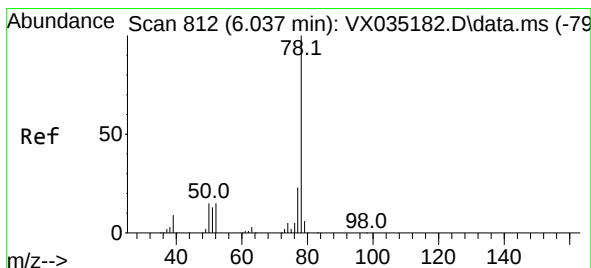
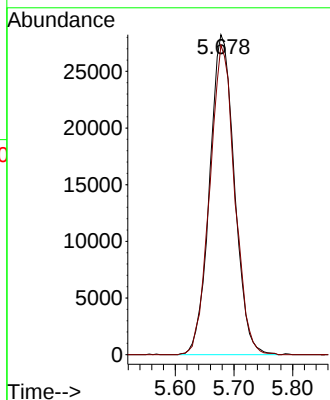
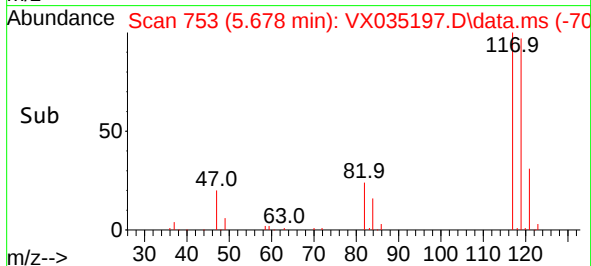
Instrument :
MSVOA_X
ClientSampleId :
COMK8



Tgt Ion:117 Resp: 8272
Ion Ratio Lower Upper
117 100
119 97.2 77.1 115.7

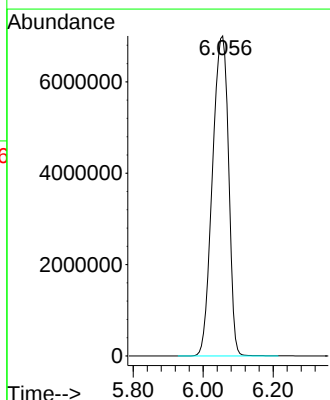
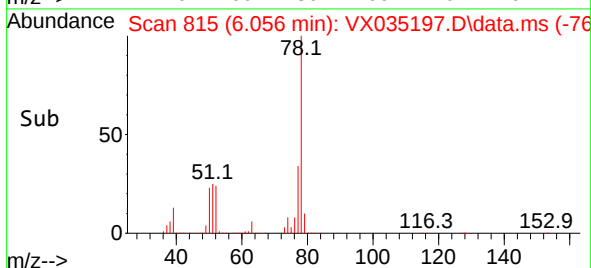
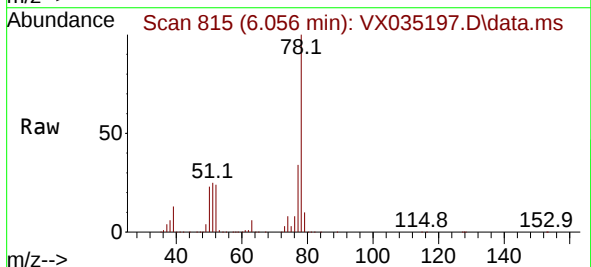
Manual Integrations
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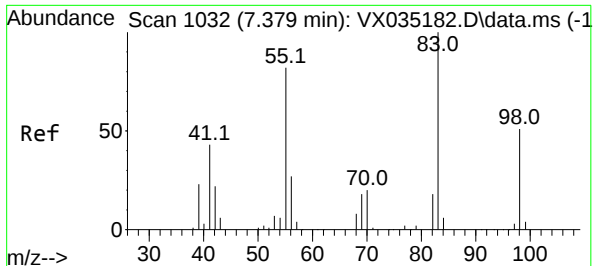
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023



#33
Benzene
Concen: 1940.153 ug/L
RT: 6.056 min Scan# 815
Delta R.T. 0.018 min
Lab File: VX035197.D
Acq: 20 Apr 2023 02:16

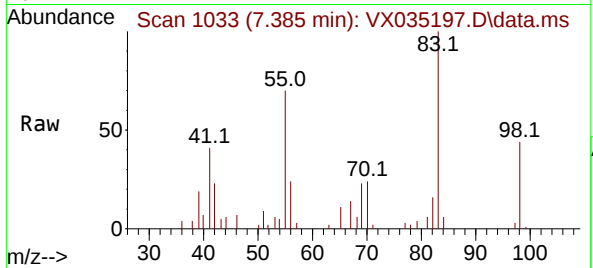
Tgt Ion: 78 Resp:22447542





#35
Methylcyclohexane
Concen: 2.183 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX035197.D
Acq: 20 Apr 2023 02:16

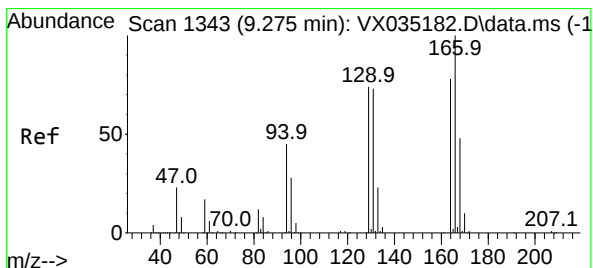
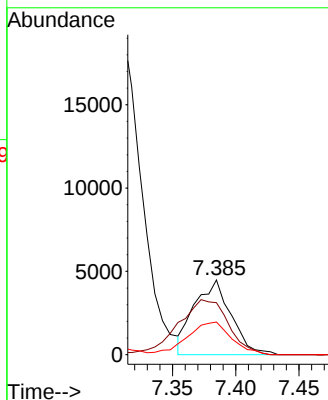
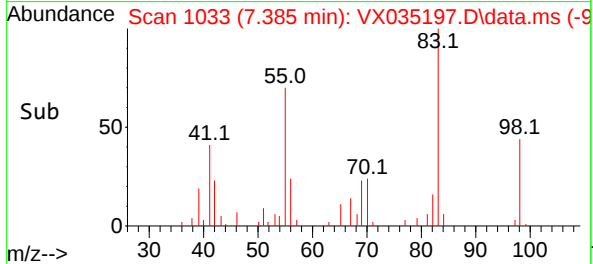
Instrument :
MSVOA_X
ClientSampleId :
COMK8



Tgt Ion: 83 Resp: 9048
Ion Ratio Lower Upper
83 100
55 101.8 62.2 93.2
98 52.4 39.3 58.9

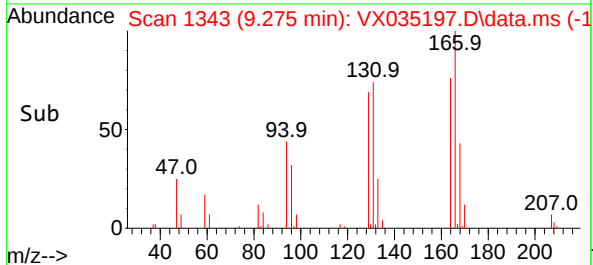
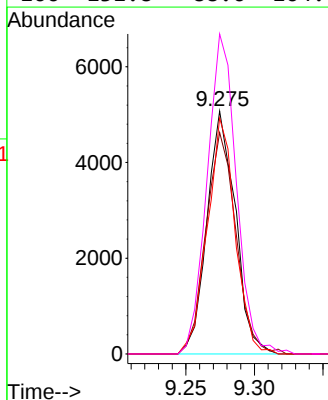
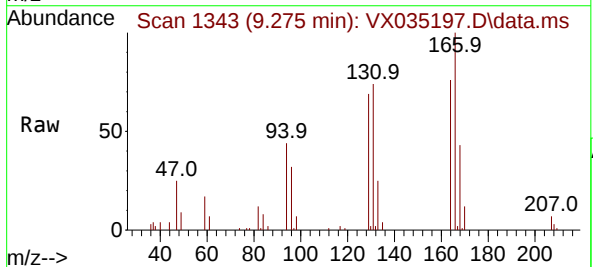
Manual Integrations
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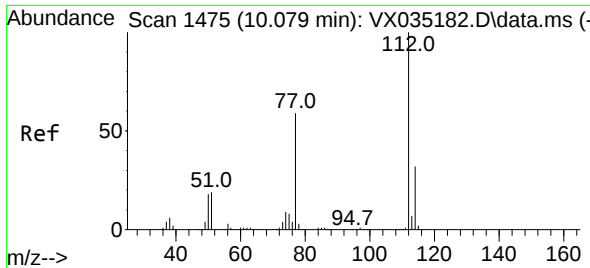
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023



#46
Tetrachloroethene
Concen: 3.196 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX035197.D
Acq: 20 Apr 2023 02:16

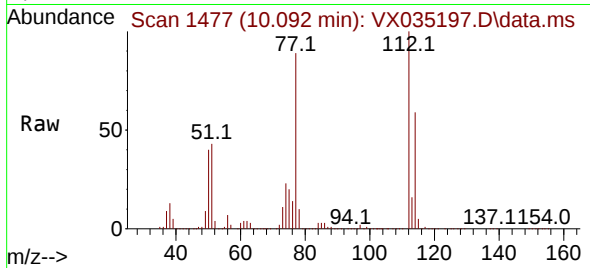
Tgt Ion:164 Resp: 7327
Ion Ratio Lower Upper
164 100
129 91.2 66.1 122.8
131 97.2 65.0 120.8
166 131.8 88.6 164.6





#51
Chlorobenzene
Concen: 3571.351 ug/L m
RT: 10.092 min Scan# 1477
Delta R.T. 0.012 min
Lab File: VX035197.D
Acq: 20 Apr 2023 02:16

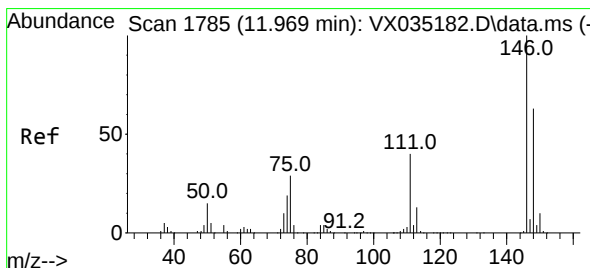
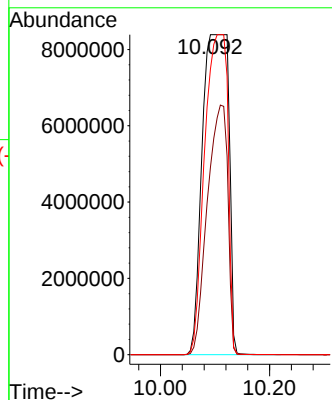
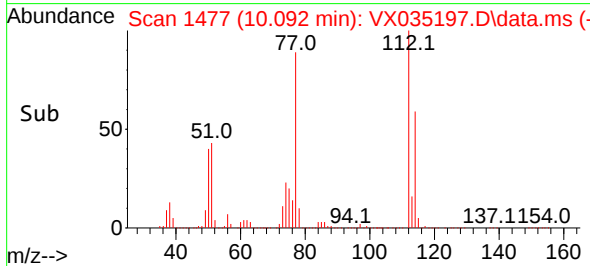
Instrument :
MSVOA_X
ClientSampleId :
COMK8



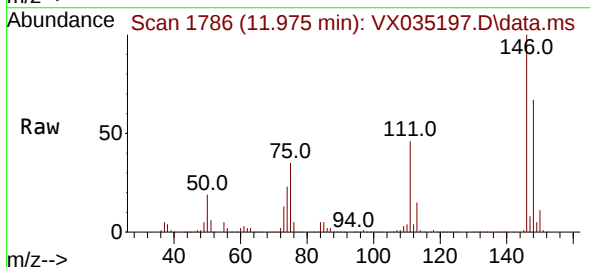
Tgt Ion:112 Resp:2824364
Ion Ratio Lower Upper
112 100
114 58.6 22.4 41.6
77 89.2 47.0 70.6

Manual Integrations
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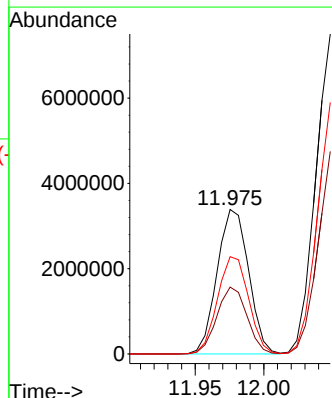
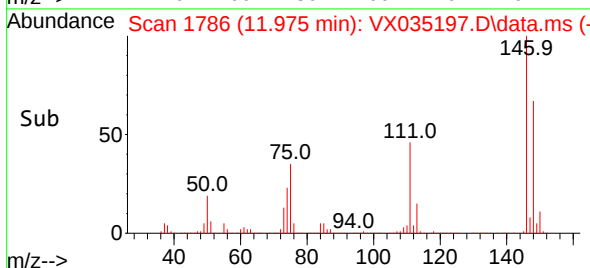
Reviewed By :John Carlone 04/20/2023
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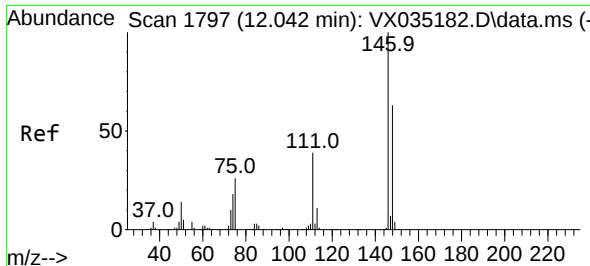


#64
1,3-Dichlorobenzene
Concen: 959.197 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX035197.D
Acq: 20 Apr 2023 02:16



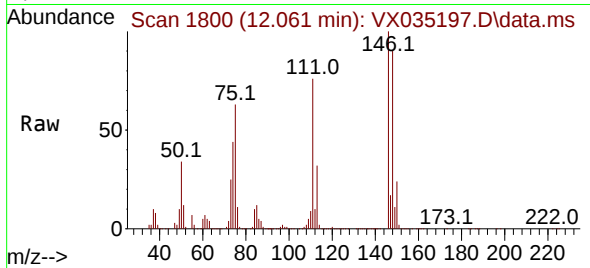
Tgt Ion:146 Resp: 5416916
Ion Ratio Lower Upper
146 100
111 46.2 28.9 53.7
148 67.4 44.3 82.3





#65
1,4-Dichlorobenzene
Concen: 4453.210 ug/L m
RT: 12.061 min Scan# 1797
Delta R.T. 0.018 min
Lab File: VX035197.D
Acq: 20 Apr 2023 02:16

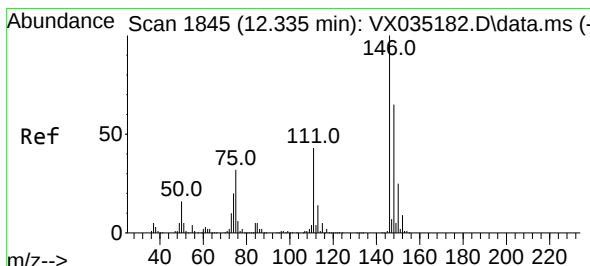
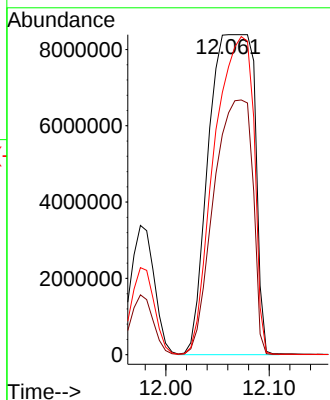
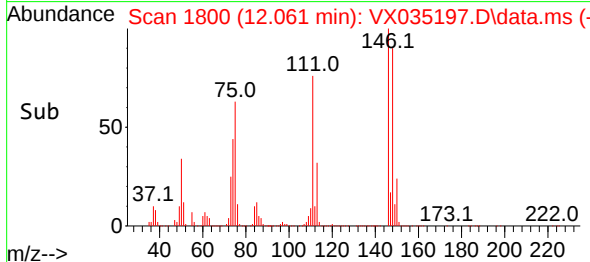
Instrument :
MSVOA_X
ClientSampleId :
COMK8



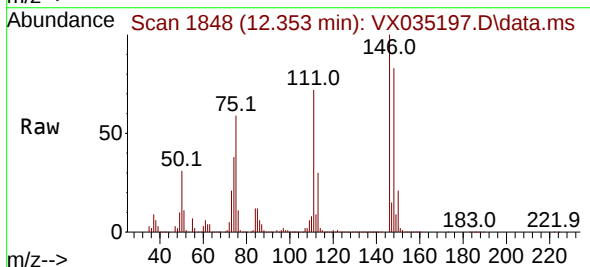
Tgt Ion:146 Resp:25733952
Ion Ratio Lower Upper
146 100
111 75.6 27.9 51.7
148 90.0 45.9 85.3

Manual Integrations
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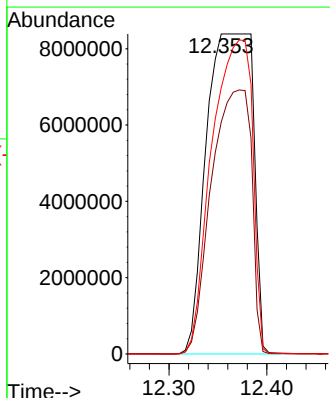
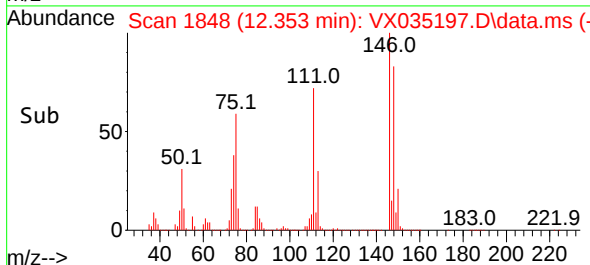
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023

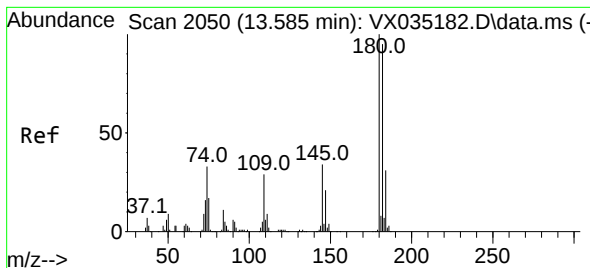


#67
1,2-Dichlorobenzene
Concen: 4839.867 ug/L m
RT: 12.353 min Scan# 1848
Delta R.T. 0.018 min
Lab File: VX035197.D
Acq: 20 Apr 2023 02:16



Tgt Ion:146 Resp:27713834
Ion Ratio Lower Upper
146 100
111 72.5 34.7 52.1#
148 83.2 52.1 78.1#





#70

1,2,4-trichlorobenzene

Concen: 3665.044 ug/L m

RT: 13.603 min Scan# 2053

Delta R.T. 0.018 min

Lab File: VX035197.D

Acq: 20 Apr 2023 02:16

Instrument :

MSVOA_X

ClientSampleId :

COMK8

Tgt Ion:180 Resp:1198138

Ion Ratio Lower Upper

180 100

182 0.0 76.6 114.8

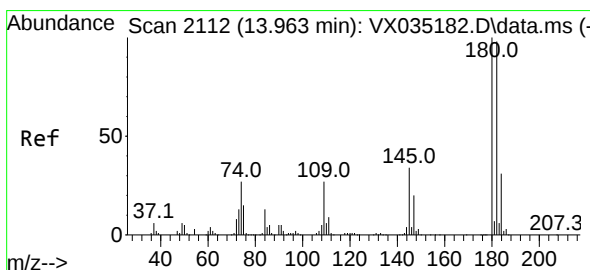
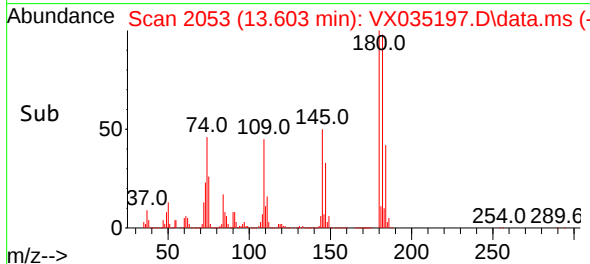
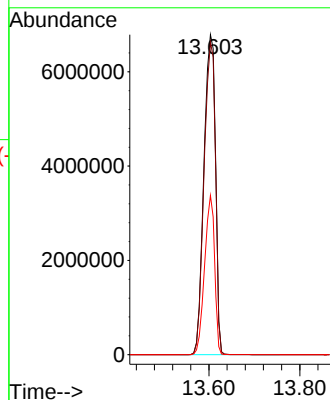
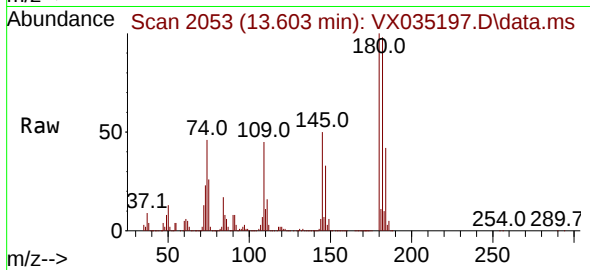
145 0.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/21/2023



#72

1,2,3-Trichlorobenzene

Concen: 979.393 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035197.D

Acq: 20 Apr 2023 02:16

Tgt Ion:180 Resp: 3160777

Ion Ratio Lower Upper

180 100

182 95.1 75.0 112.6

145 36.1 27.1 40.7

