

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035194.D
 Acq On : 20 Apr 2023 01:07
 Operator : JC/MD
 Sample : 02378-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK5

Quant Time: Apr 20 05:09:45 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	493558	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	438531	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	224744	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	120672	37.918	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.840%		
7) Chloroethane-d5	1.672	69	95813	41.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.320%		
11) 1,1-Dichloroethene-d2	2.306	65	62103	40.783	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.560%		
21) 2-Butanone-d5	4.452	46	207047	97.628	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.630%		
24) Chloroform-d	5.056	84	290720	48.508	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.020%		
26) 1,2-Dichloroethane-d4	5.958	65	185344	48.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.320%		
32) Benzene-d6	5.976	84	577480	45.842	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.680%		
36) 1,2-Dichloropropane-d6	7.305	67	178573	46.406	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.820%		
41) Toluene-d8	8.647	98	513083	44.565	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.140%		
43) trans-1,3-Dichloroprop...	8.952	79	67305	40.023	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.040%		
47) 2-Hexanone-d5	9.384	63	147176	95.243	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.240%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	227875	48.355	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.700%		
66) 1,2-Dichlorobenzene-d4	12.329	152	194663	44.696	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.400%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	5224	1.772	ug/L	# 1
13) Acetone	2.386	43	5617	3.571	ug/L	94
25) Chloroform	5.092	83	511791	86.241	ug/L	98
31) Carbon tetrachloride	5.678	117	26975	6.185	ug/L	99
33) Benzene	6.044	78	15363720	1156.876	ug/L	100
51) Chlorobenzene	10.085	112	11864681m	1307.047	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	3032195	435.050	ug/L	96
65) 1,4-Dichlorobenzene	12.049	146	9714273	1362.083	ug/L	# 83
67) 1,2-Dichlorobenzene	12.347	146	13012459	1841.293	ug/L	# 75
70) 1,2,4-trichlorobenzene	13.591	180	1814636	449.768	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	870579	218.574	ug/L	98

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

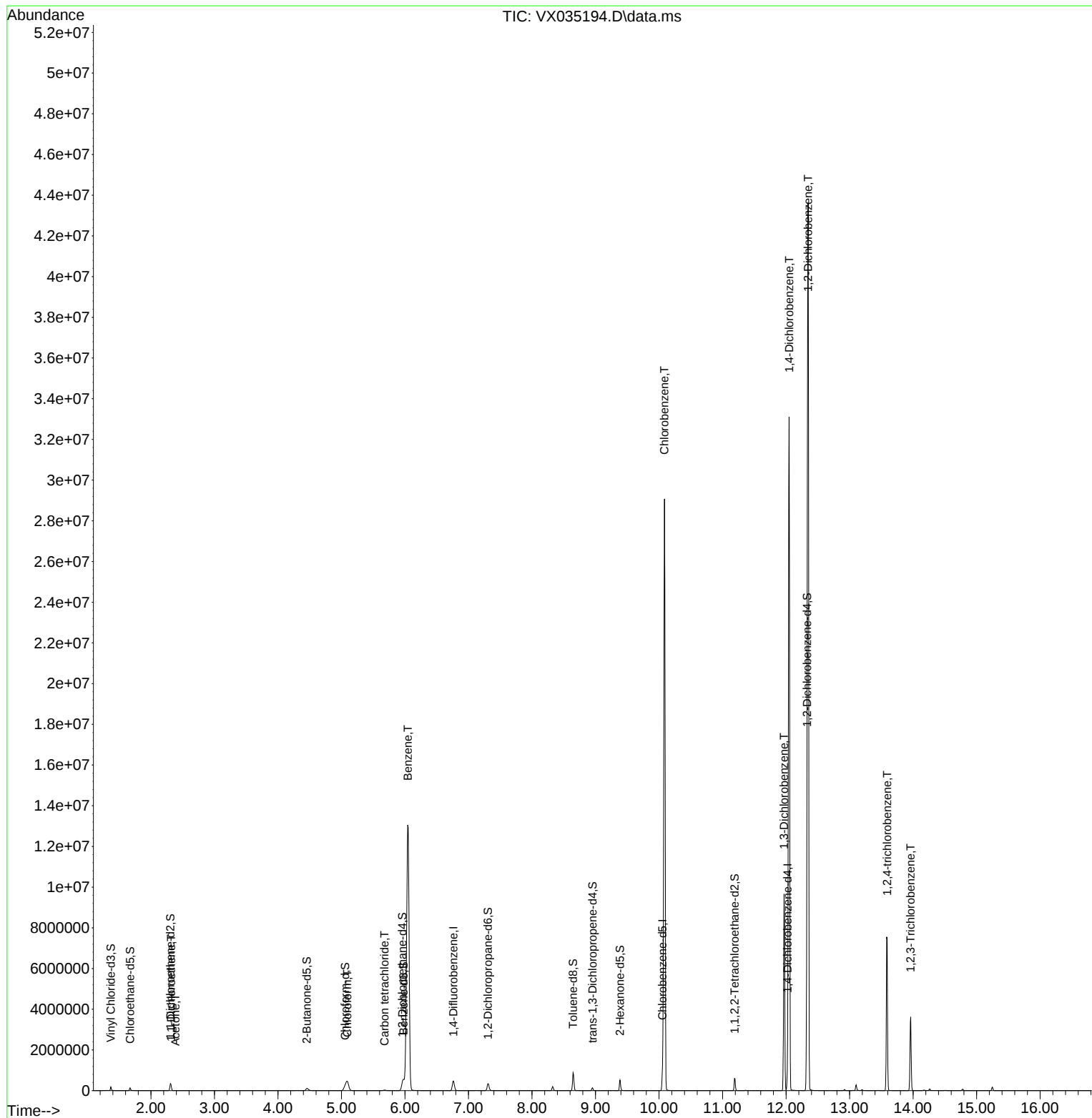
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
Data File : VX035194.D
Acq On : 20 Apr 2023 01:07
Operator : JC/MD
Sample : 02378-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

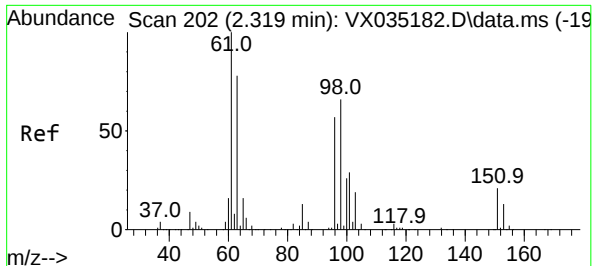
Instrument :
MSVOA_X
ClientSampleId :
COMK5

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 04:51:49 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.772 ug/L

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX035194.D

Acq: 20 Apr 2023 01:07

Instrument :

MSVOA_X

ClientSampleId :

COMK5

Tgt Ion: 96 Resp: 5224

Ion Ratio Lower Upper

96 100

61 453.9 119.0 221.0

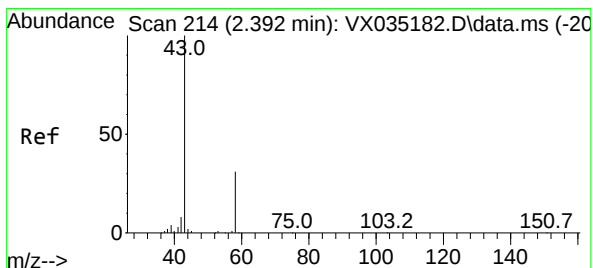
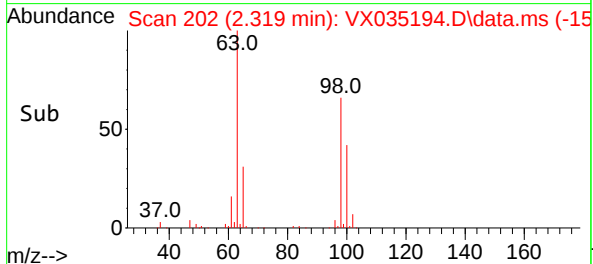
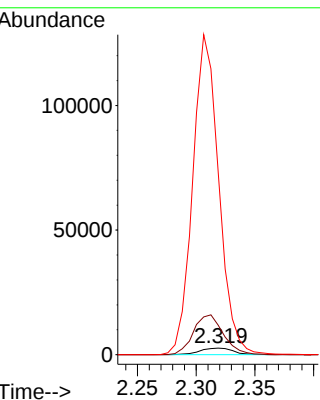
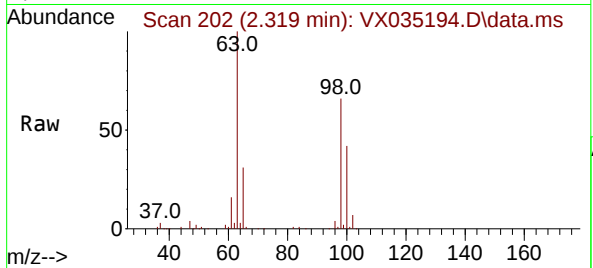
63 2810.8 91.0 169.0

Manual Integrations

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#13

Acetone

Concen: 3.571 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX035194.D

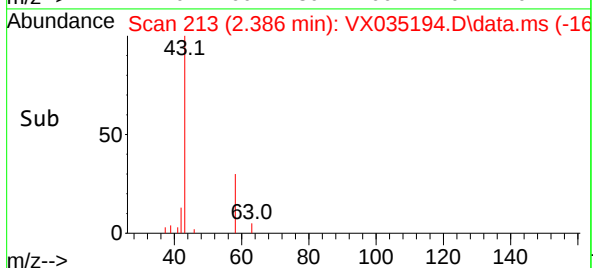
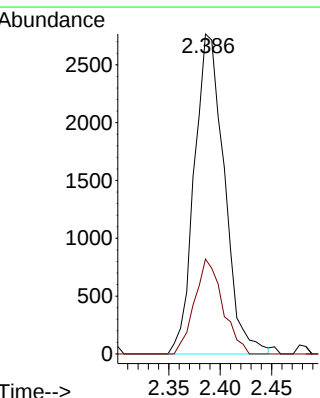
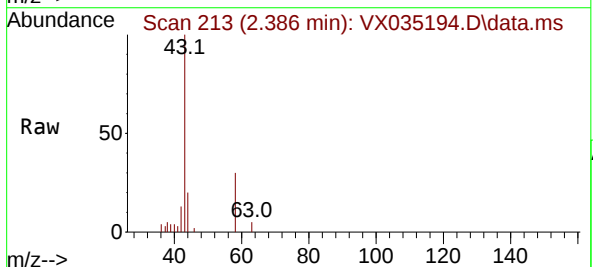
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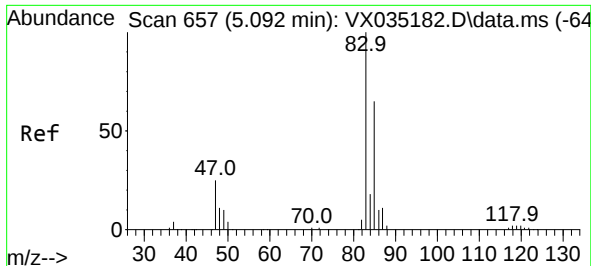
Tgt Ion: 43 Resp: 5617

Ion Ratio Lower Upper

43 100

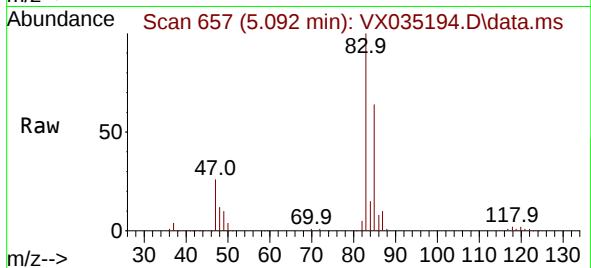
58 27.8 0.0 62.0





#25
Chloroform
Concen: 86.241 ug/L
RT: 5.092 min Scan# 611
Delta R.T. 0.000 min
Lab File: VX035194.D
Acq: 20 Apr 2023 01:07

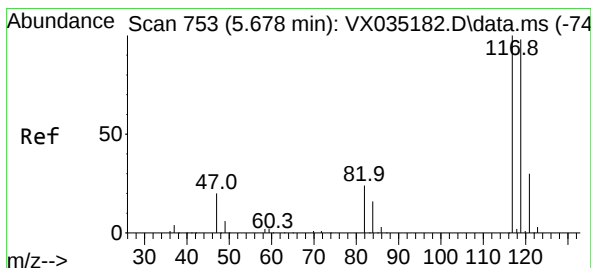
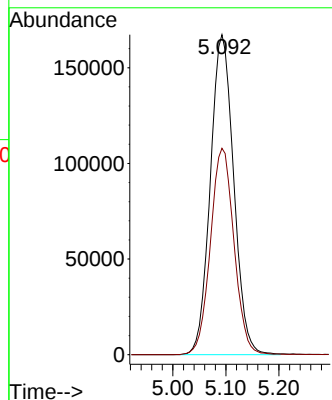
Instrument :
MSVOA_X
ClientSampleId :
COMK5



Tgt Ion: 83 Resp: 51179
Ion Ratio Lower Upper
83 100
85 64.5 46.0 85.4

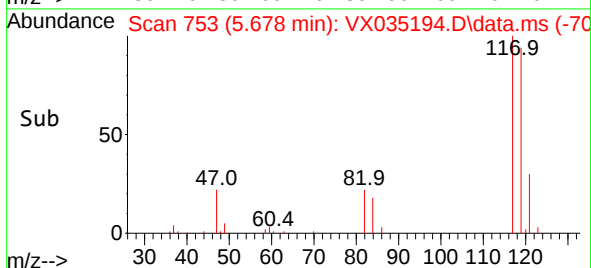
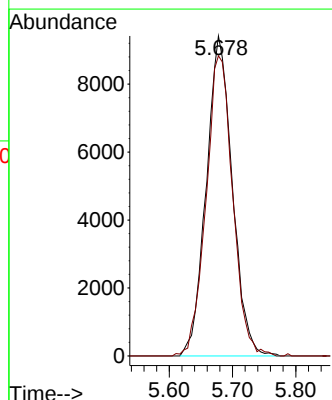
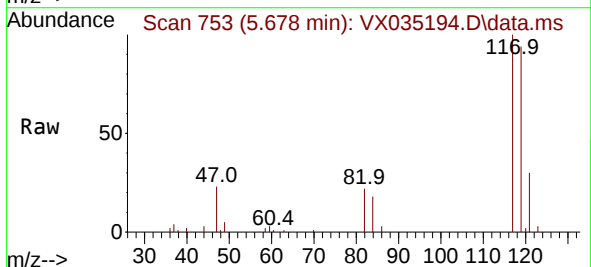
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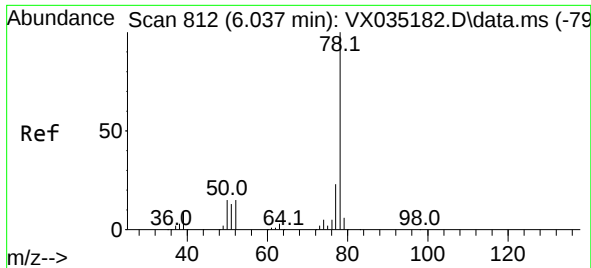
Reviewed By :John Carlone 04/20/2023
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#31
Carbon tetrachloride
Concen: 6.185 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX035194.D
Acq: 20 Apr 2023 01:07

Tgt Ion:117 Resp: 26975
Ion Ratio Lower Upper
117 100
119 95.2 77.1 115.7





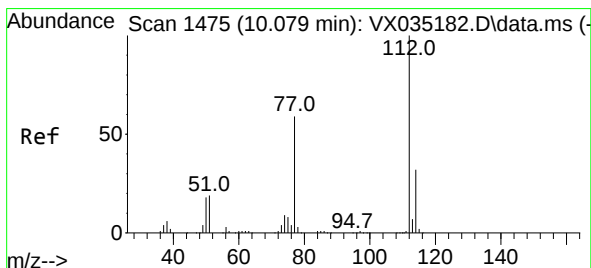
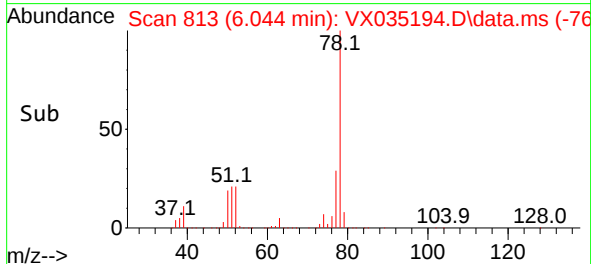
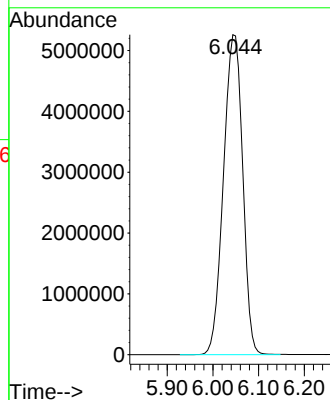
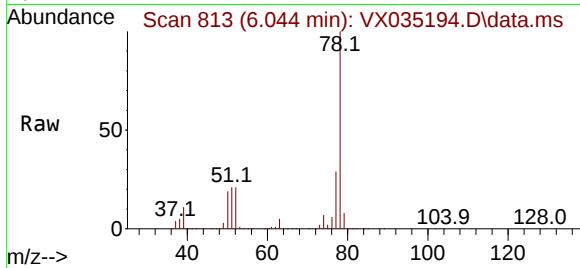
#33
Benzene
Concen: 1156.876 ug/L
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX035194.D
Acq: 20 Apr 2023 01:07

Instrument :
MSVOA_X
ClientSampleId :
COMK5

Tgt Ion: 78 Resp:15363720

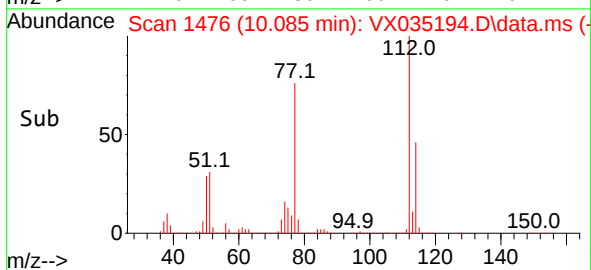
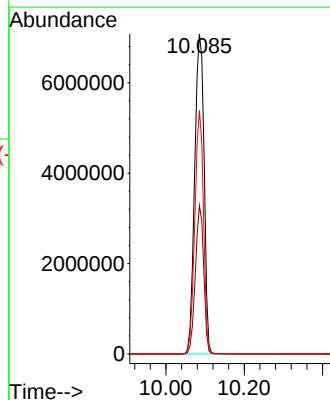
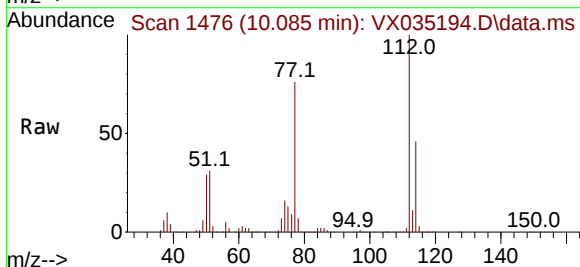
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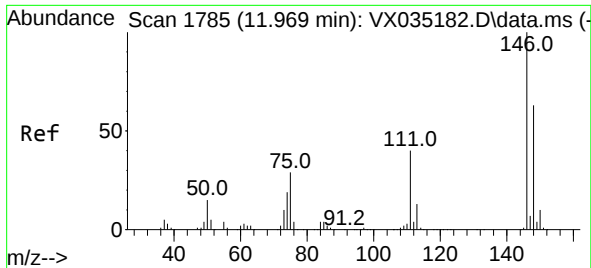
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023



#51
Chlorobenzene
Concen: 1307.047 ug/L m
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX035194.D
Acq: 20 Apr 2023 01:07

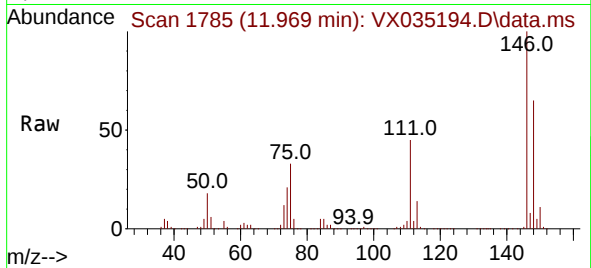
Tgt Ion:112 Resp:11864681
Ion Ratio Lower Upper
112 100
114 46.4 22.4 41.6#
77 76.0 47.0 70.6#





#64
1,3-Dichlorobenzene
Concen: 435.050 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035194.D
Acq: 20 Apr 2023 01:07

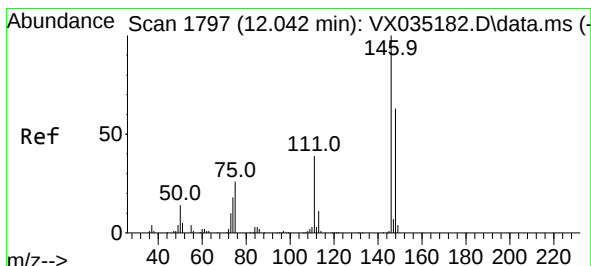
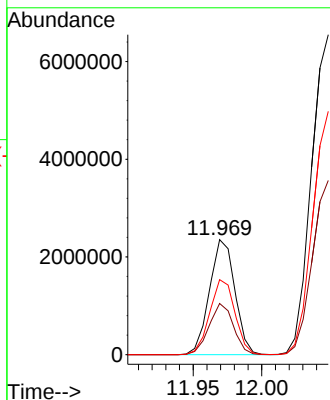
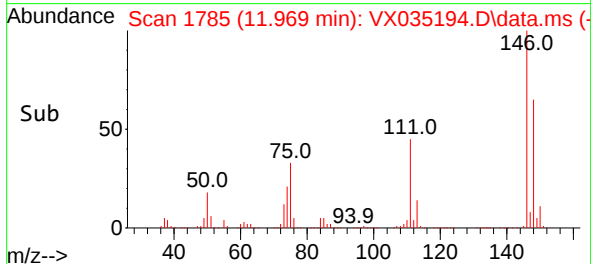
Instrument :
MSVOA_X
ClientSampleId :
COMK5



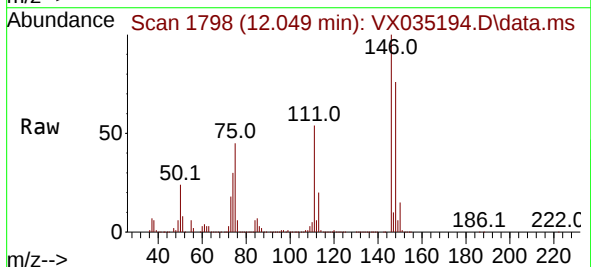
Tgt Ion:146 Resp: 303219
Ion Ratio Lower Upper
146 100
111 44.5 28.9 53.7
148 65.2 44.3 82.3

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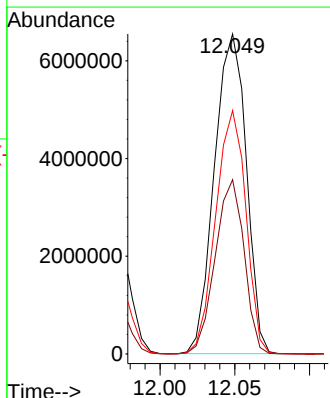
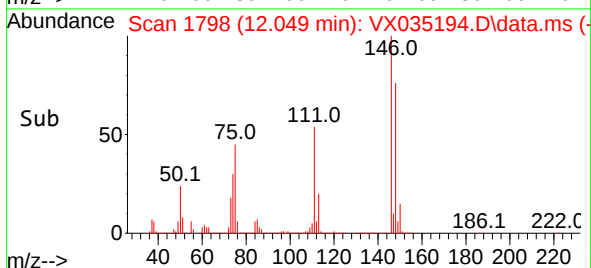
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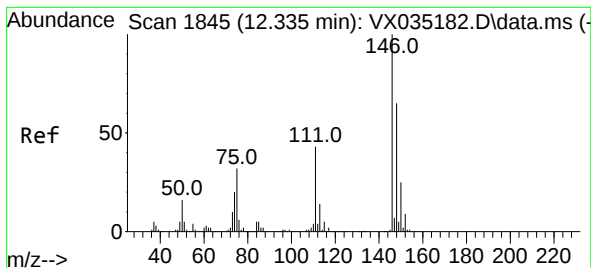


#65
1,4-Dichlorobenzene
Concen: 1362.083 ug/L
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX035194.D
Acq: 20 Apr 2023 01:07



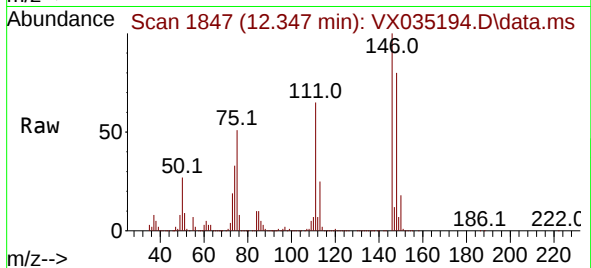
Tgt Ion:146 Resp: 9714273
Ion Ratio Lower Upper
146 100
111 54.4 27.9 51.7#
148 76.0 45.9 85.3





#67
1,2-Dichlorobenzene
Concen: 1841.293 ug/L
RT: 12.347 min Scan# 1845
Delta R.T. 0.012 min
Lab File: VX035194.D
Acq: 20 Apr 2023 01:07

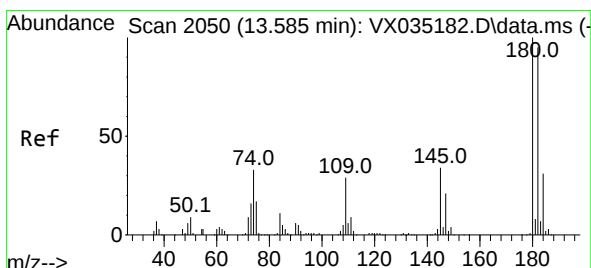
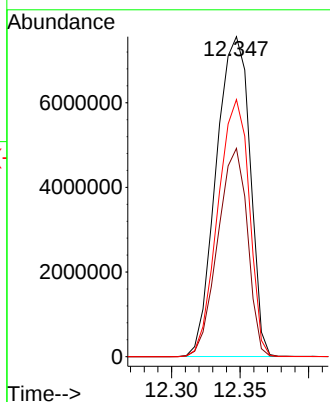
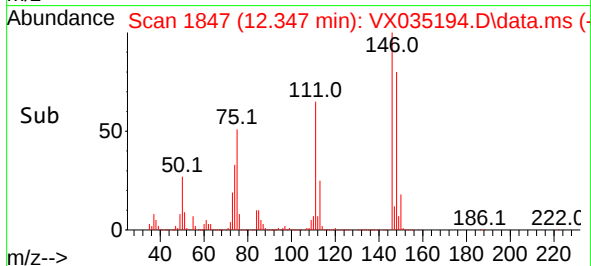
Instrument :
MSVOA_X
ClientSampleId :
COMK5



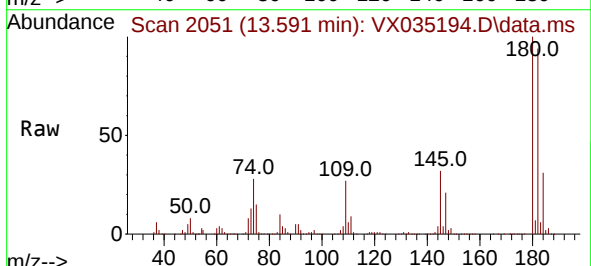
Tgt Ion:146 Resp:13012459
Ion Ratio Lower Upper
146 100
111 65.1 34.7 52.1
148 80.3 52.1 78.1

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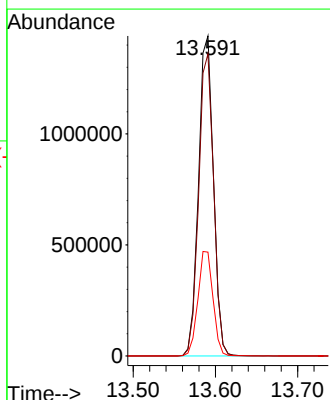
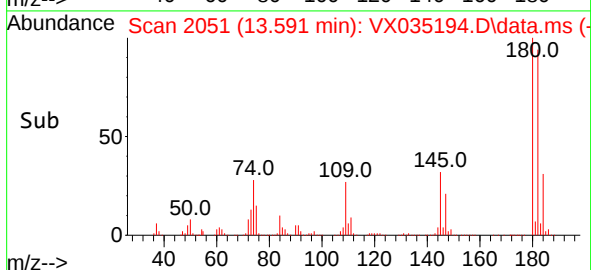
Reviewed By :John Carlone 04/20/2023
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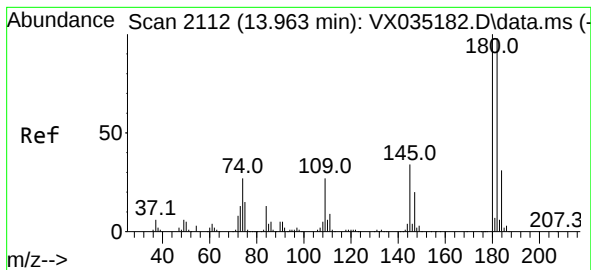


#70
1,2,4-trichlorobenzene
Concen: 449.768 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035194.D
Acq: 20 Apr 2023 01:07



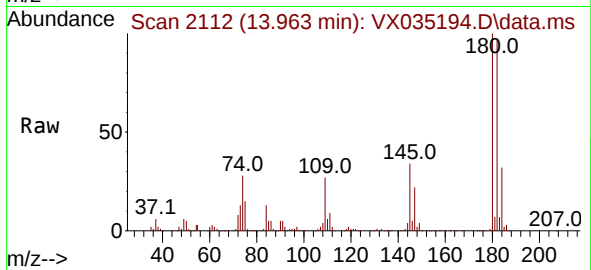
Tgt Ion:180 Resp: 1814636
Ion Ratio Lower Upper
180 100
182 94.7 76.6 114.8
145 33.1 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 218.574 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX035194.D
 Acq: 20 Apr 2023 01:07

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK5



Tgt Ion:180 Resp: 870579
 Ion Ratio Lower Upper
 180 100
 182 96.9 75.0 112.6
 145 34.3 27.1 40.7

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