

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035146.D
 Acq On : 19 Apr 2023 00:34
 Operator : JC/MD
 Sample : 02397-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM2

Quant Time: Apr 19 01:39:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 01:27:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/19/2023
 Supervised By : Mahesh Dadoda 04/19/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	483083	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.079	117	365334	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	12.036	152	199155	50.000	ug/L	# 0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	161893	51.974	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.940%			
7) Chloroethane-d5	1.672	69	124898	55.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.980%			
11) 1,1-Dichloroethene-d2	2.306	65	80702	54.147	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.300%			
21) 2-Butanone-d5	4.458	46	230923	111.247	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.250%			
24) Chloroform-d	5.056	84	317816	54.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.360%			
26) 1,2-Dichloroethane-d4	5.958	65	213517	56.681	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 113.360%			
32) Benzene-d6	5.976	84	689778	65.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 131.460%#			
36) 1,2-Dichloropropane-d6	7.305	67	212021	66.138	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 132.280%#			
41) Toluene-d8	8.646	98	621915	64.841	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 129.680%#			
43) trans-1,3-Dichloroprop...	8.951	79	88572	63.222	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 126.440%#			
47) 2-Hexanone-d5	9.390	63	175326	136.193	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 136.190%#			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	252580	64.335	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 128.680%#			
66) 1,2-Dichlorobenzene-d4	12.341	152	187411	48.560	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.120%			
Target Compounds						
29) Cyclohexane	5.470	56	44134	9.998	ug/L	99
31) Carbon tetrachloride	5.677	117	12010	3.306	ug/L	99
33) Benzene	6.049	78	18988201	1716.266	ug/L	100
35) Methylcyclohexane	7.378	83	25094	6.331	ug/L #	76
42) Toluene	8.720	91	27109	2.362	ug/L	95
46) Tetrachloroethene	9.274	164	2218	1.012	ug/L	93
51) Chlorobenzene	10.085	112	39627630m	5240.146	ug/L	
53) m,p-Xylene	10.305	106	3692	0.760	ug/L	75
64) 1,3-Dichlorobenzene	11.981	146	9255865	1498.636	ug/L	86
65) 1,4-Dichlorobenzene	12.054	146	22412305m	3546.310	ug/L	
67) 1,2-Dichlorobenzene	12.353	146	27899168m	4455.040	ug/L	
70) 1,2,4-trichlorobenzene	13.603	180	11751983	3287.054	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.969	180	5001881	1417.164	ug/L	96

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

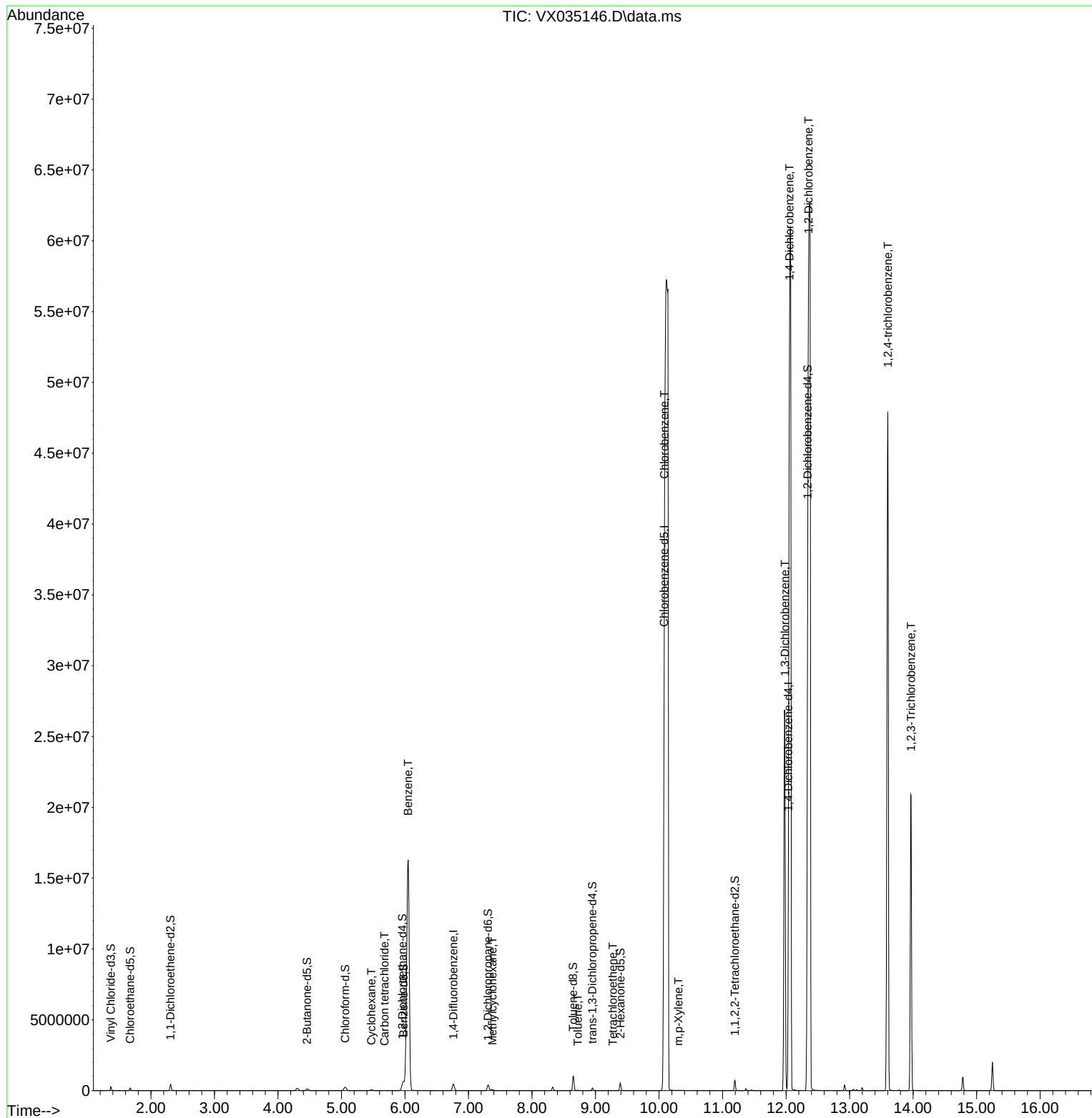
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035146.D
Acq On : 19 Apr 2023 00:34
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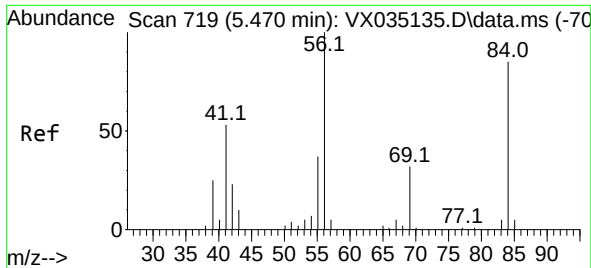
Instrument :
MSVOA_X
ClientSampleId :
COMM2

Quant Time: Apr 19 01:39:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 19 01:27:01 2023
Response via : Initial Calibration

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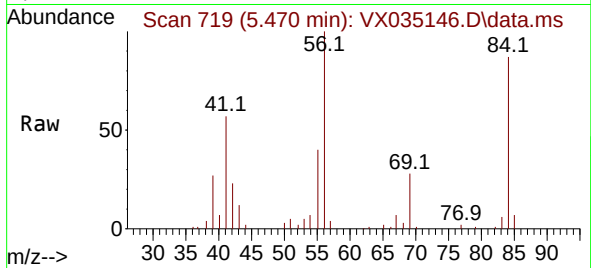
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023





#29
Cyclohexane
Concen: 9.998 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035146.D
Acq: 19 Apr 2023 00:34

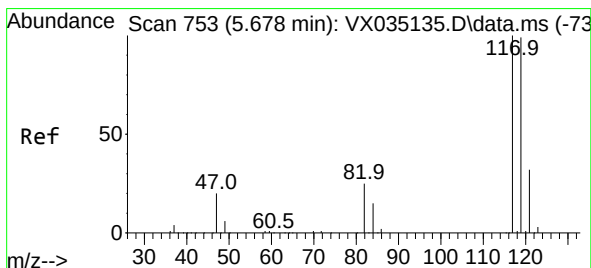
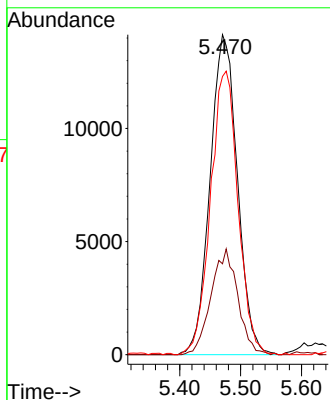
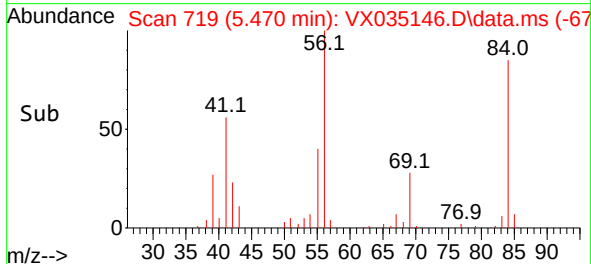
Instrument :
MSVOA_X
ClientSampleId :
COMM2



Tgt Ion: 56 Resp: 44134
Ion Ratio Lower Upper
56 100
69 32.2 25.1 37.7
84 88.9 70.1 105.1

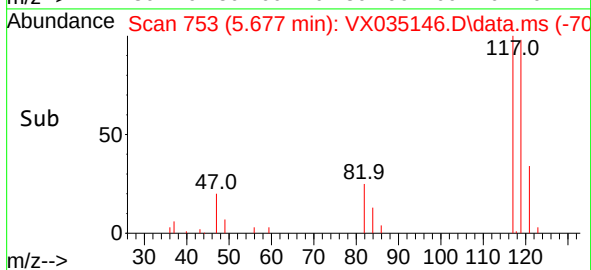
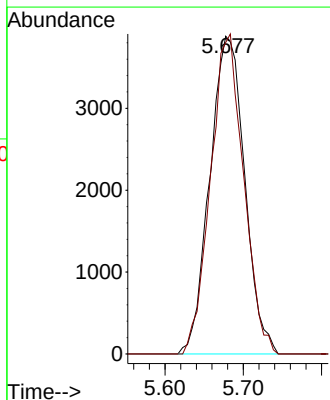
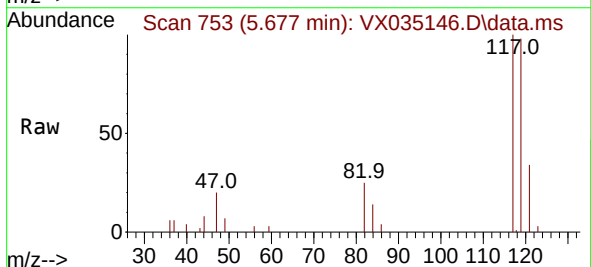
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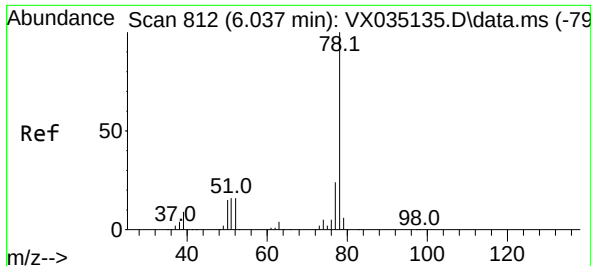
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#31
Carbon tetrachloride
Concen: 3.306 ug/L
RT: 5.677 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX035146.D
Acq: 19 Apr 2023 00:34

Tgt Ion:117 Resp: 12010
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7





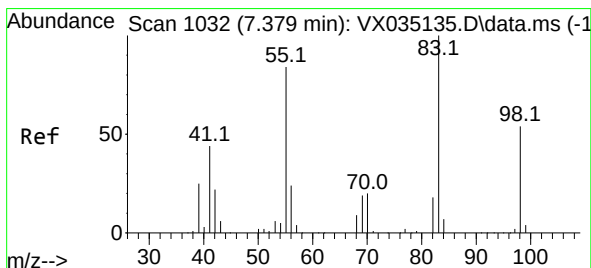
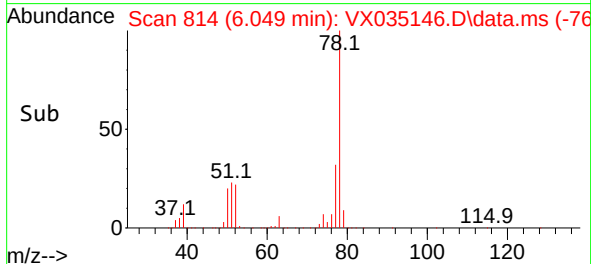
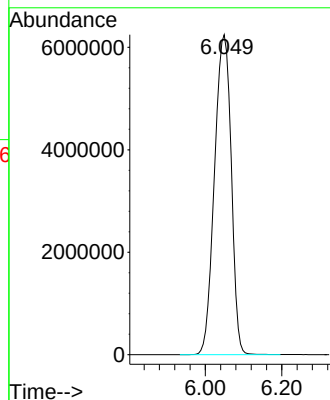
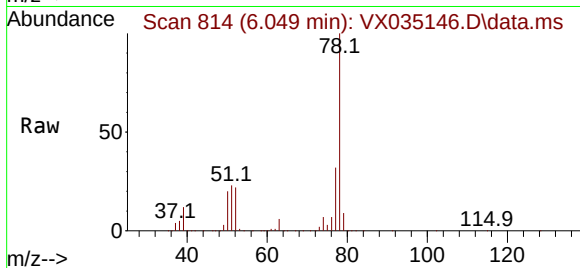
#33
Benzene
Concen: 1716.266 ug/L
RT: 6.049 min Scan# 812
Delta R.T. 0.012 min
Lab File: VX035146.D
Acq: 19 Apr 2023 00:34

Instrument :
MSVOA_X
ClientSampleId :
COMM2

Tgt Ion: 78 Resp:1898820

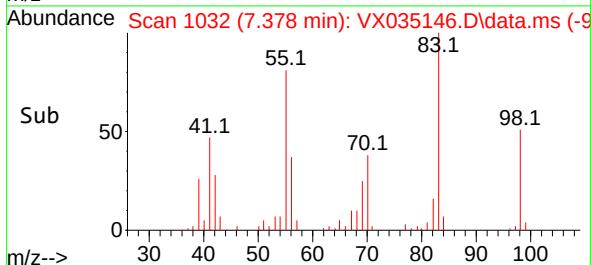
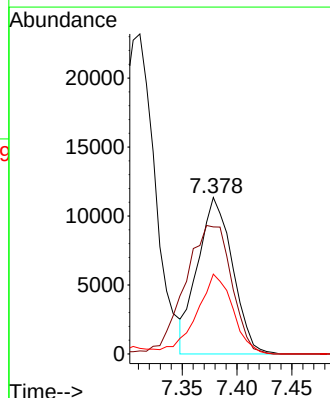
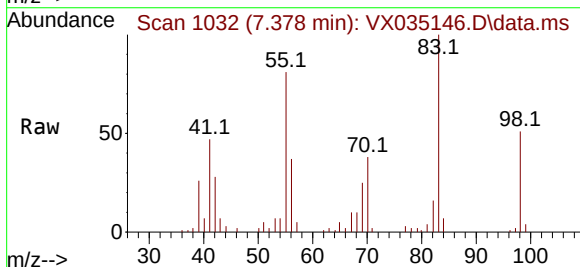
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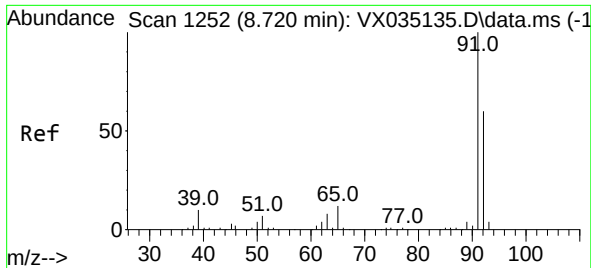
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#35
Methylcyclohexane
Concen: 6.331 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035146.D
Acq: 19 Apr 2023 00:34

Tgt Ion: 83 Resp: 25094
Ion Ratio Lower Upper
83 100
55 109.0 62.2 93.2#
98 52.8 39.3 58.9





#42

Toluene

Concen: 2.362 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX035146.D

Acq: 19 Apr 2023 00:34

Instrument :

MSVOA_X

ClientSampleId :

COMM2

Tgt Ion: 91 Resp: 27109

Ion Ratio Lower Upper

91 100

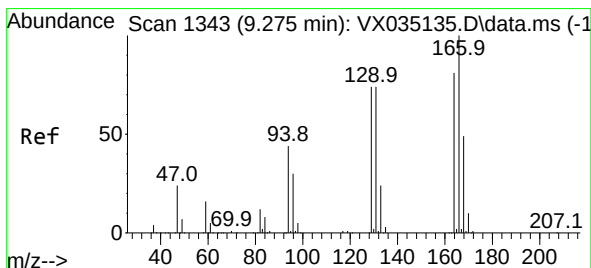
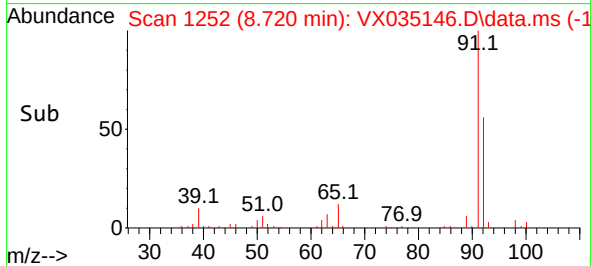
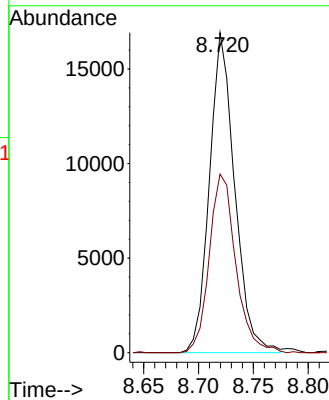
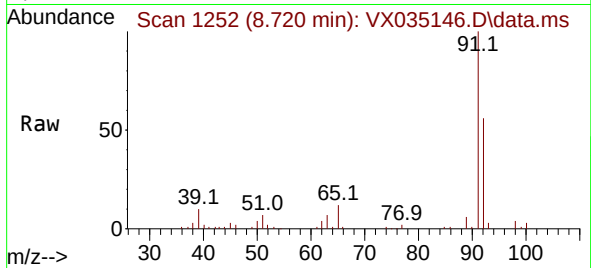
92 55.8 41.7 77.5

Manual Integrations

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Reviewed By :John Carlone 04/19/2023

Supervised By :Mahesh Dadoda 04/19/2023



#46

Tetrachloroethene

Concen: 1.012 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035146.D

Acq: 19 Apr 2023 00:34

Tgt Ion:164 Resp: 2218

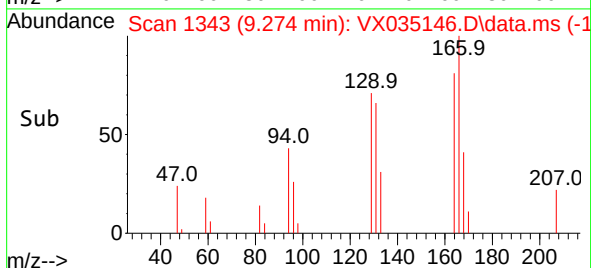
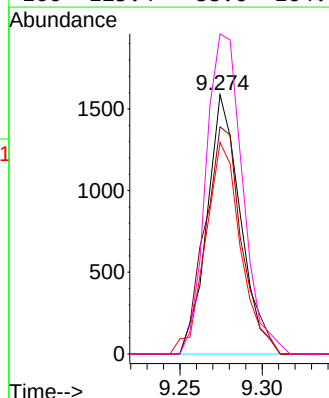
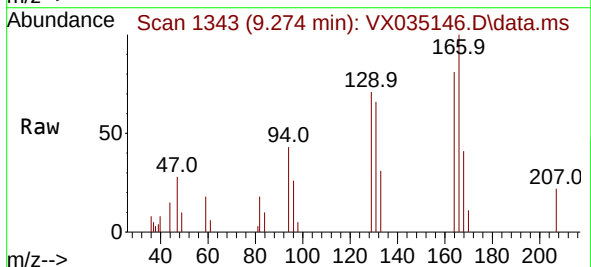
Ion Ratio Lower Upper

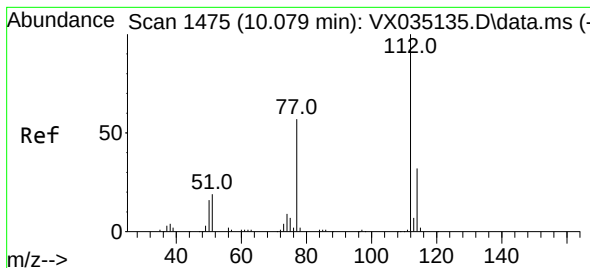
164 100

129 87.6 66.1 122.8

131 81.6 65.0 120.8

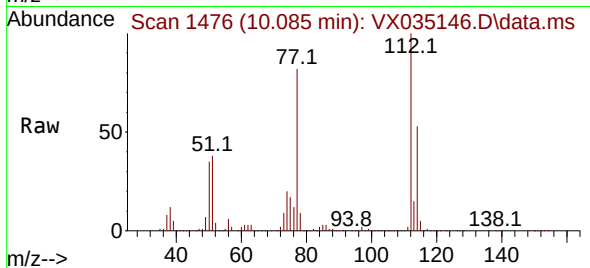
166 123.4 88.6 164.6





#51
Chlorobenzene
Concen: 5240.146 ug/L m
RT: 10.085 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX035146.D
Acq: 19 Apr 2023 00:34

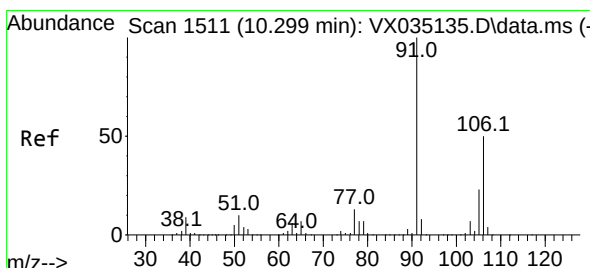
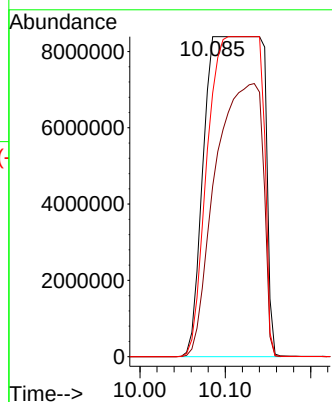
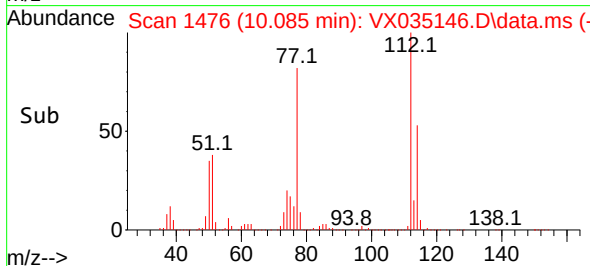
Instrument :
MSVOA_X
ClientSampleId :
COMM2



Tgt Ion:112 Resp:39627630
Ion Ratio Lower Upper
112 100
114 53.3 22.4 41.6
77 82.4 47.0 70.6

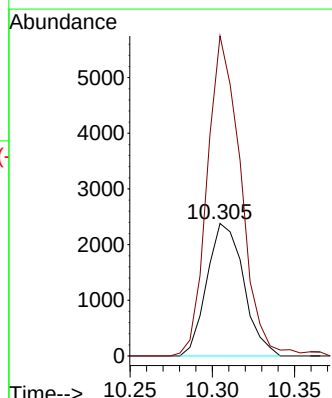
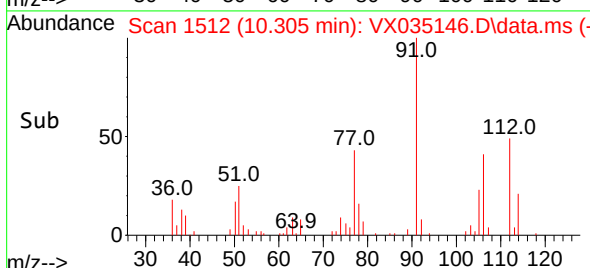
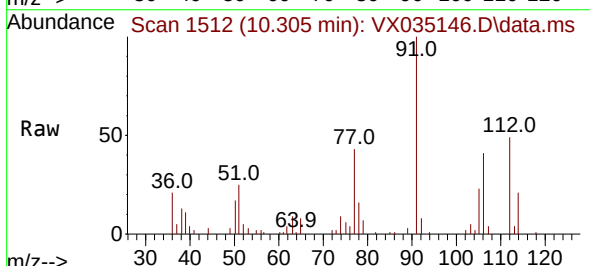
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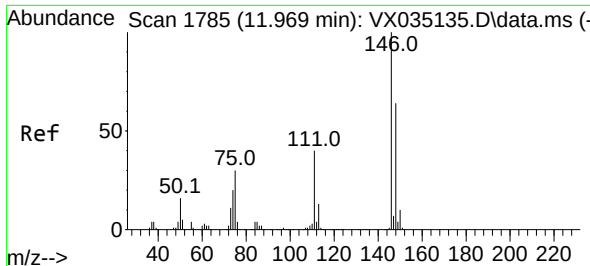
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#53
m,p-Xylene
Concen: 0.760 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035146.D
Acq: 19 Apr 2023 00:34

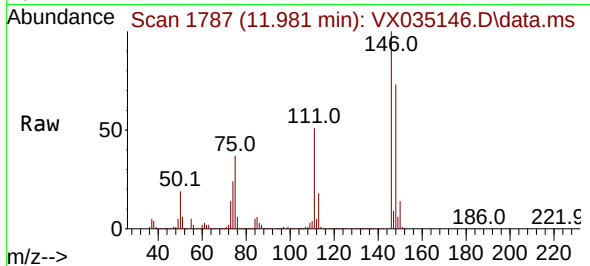
Tgt Ion:106 Resp: 3692
Ion Ratio Lower Upper
106 100
91 241.6 142.7 264.9





#64
1,3-Dichlorobenzene
Concen: 1498.636 ug/L
RT: 11.981 min Scan# 1787
Delta R.T. 0.012 min
Lab File: VX035146.D
Acq: 19 Apr 2023 00:34

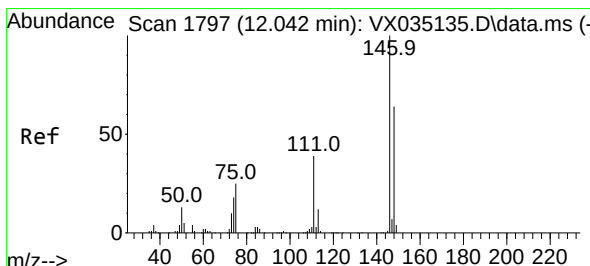
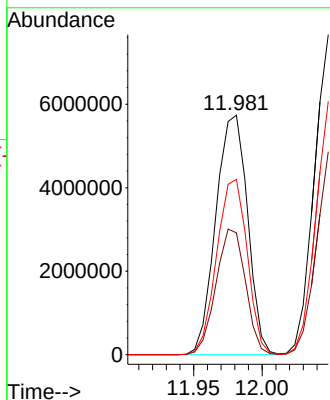
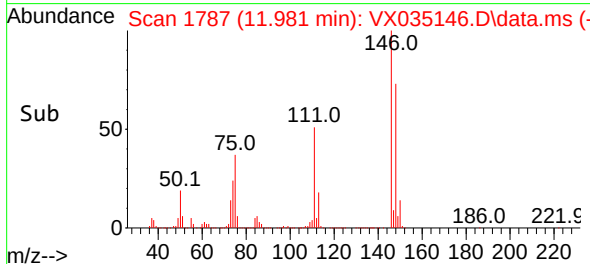
Instrument :
MSVOA_X
ClientSampleId :
COMM2



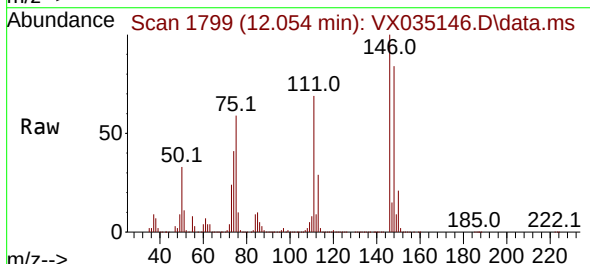
Tgt Ion:146 Resp: 925586
Ion Ratio Lower Upper
146 100
111 50.8 28.9 53.7
148 73.2 44.3 82.3

Manual Integrations
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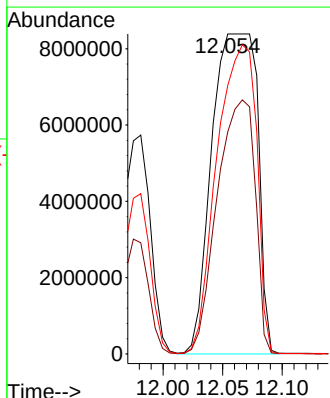
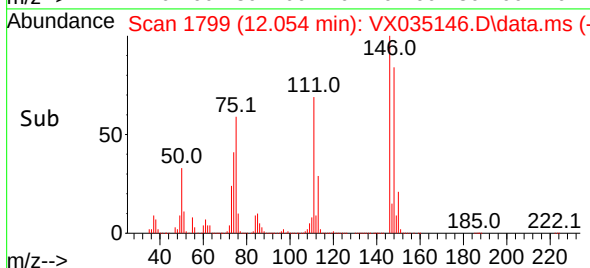
Reviewed By :John Carlone 04/19/2023
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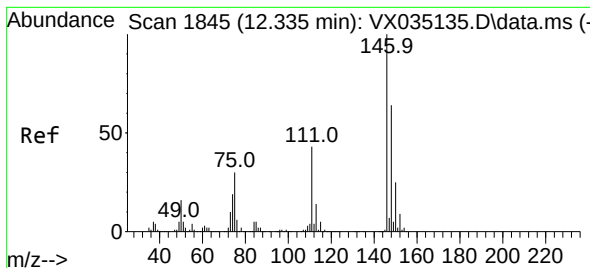


#65
1,4-Dichlorobenzene
Concen: 3546.310 ug/L m
RT: 12.054 min Scan# 1799
Delta R.T. 0.012 min
Lab File: VX035146.D
Acq: 19 Apr 2023 00:34



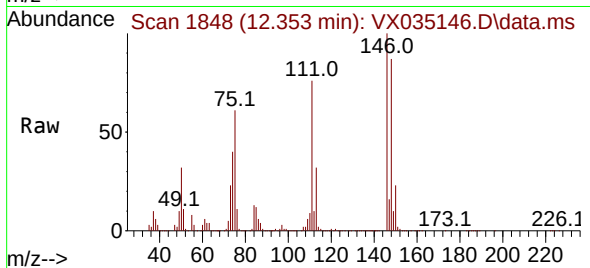
Tgt Ion:146 Resp:22412305
Ion Ratio Lower Upper
146 100
111 69.4 27.9 51.7#
148 84.0 45.9 85.3





#67
1,2-Dichlorobenzene
Concen: 4455.040 ug/L m
RT: 12.353 min Scan# 1848
Delta R.T. 0.018 min
Lab File: VX035146.D
Acq: 19 Apr 2023 00:34

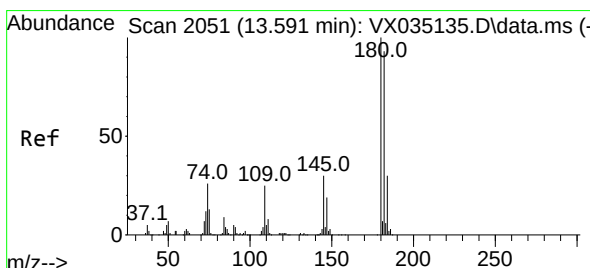
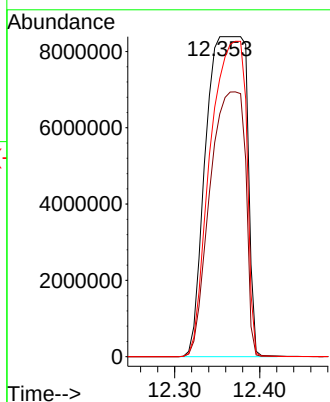
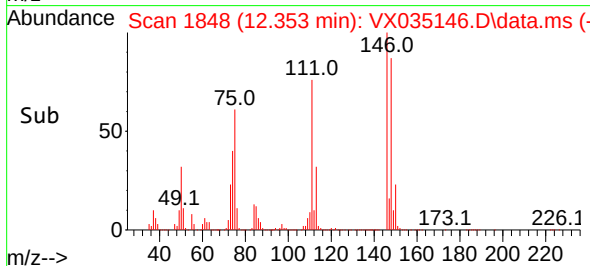
Instrument :
MSVOA_X
ClientSampleId :
COMM2



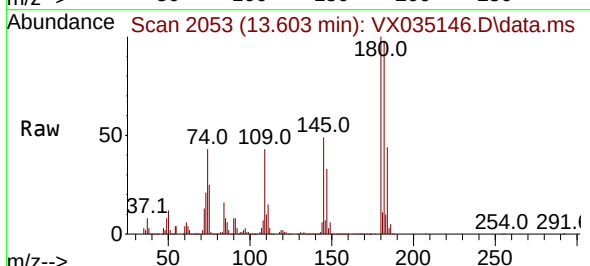
Tgt Ion:146 Resp:2789916
Ion Ratio Lower Upper
146 100
111 75.9 34.7 52.1
148 86.9 52.1 78.1

Manual Integrations
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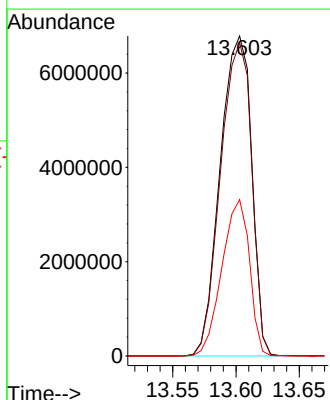
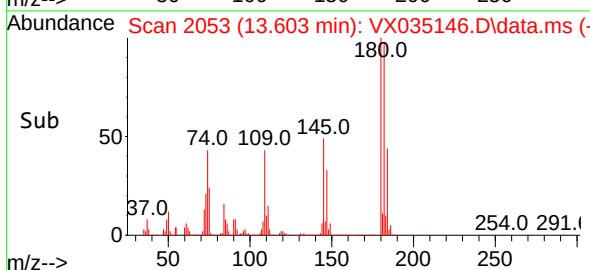
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023

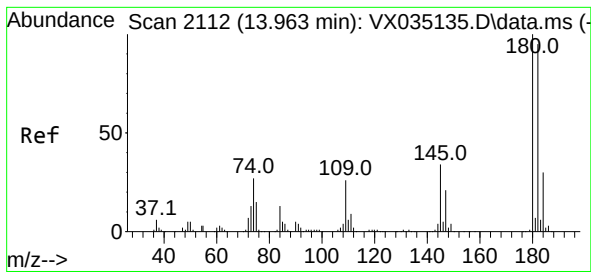


#70
1,2,4-trichlorobenzene
Concen: 3287.054 ug/L
RT: 13.603 min Scan# 2053
Delta R.T. 0.012 min
Lab File: VX035146.D
Acq: 19 Apr 2023 00:34



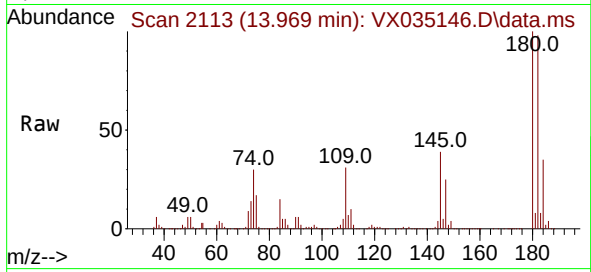
Tgt Ion:180 Resp:11751983
Ion Ratio Lower Upper
180 100
182 96.6 76.6 114.8
145 42.8 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 1417.164 ug/L
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX035146.D
 Acq: 19 Apr 2023 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion:180 Resp: 500188
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.0 112.6
 145 37.7 27.1 40.7

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