

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035142.D
 Acq On : 18 Apr 2023 23:01
 Operator : JC/MD
 Sample : 02397-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML8

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 01:38:35 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	497517	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.080	117	396836	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	12.037	152	207952	50.000	ug/L	# 0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	174692	54.455	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.920%			
7) Chloroethane-d5	1.673	69	135017	58.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.500%			
11) 1,1-Dichloroethene-d2	2.307	65	81562	53.136	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.280%			
21) 2-Butanone-d5	4.459	46	240227	112.371	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.370%			
24) Chloroform-d	5.056	84	330974	54.785	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.580%			
26) 1,2-Dichloroethane-d4	5.995	65	223925m	57.720	ug/L	0.04
Spiked Amount 50.000	Range 70 - 125		Recovery = 115.440%			
32) Benzene-d6	6.001	84	689470	60.482	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.960%			
36) 1,2-Dichloropropane-d6	7.306	67	208354	59.835	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 119.660%			
41) Toluene-d8	8.647	98	624322	59.925	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 119.840%			
43) trans-1,3-Dichloroprop...	8.952	79	87696	57.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.260%			
47) 2-Hexanone-d5	9.391	63	178078	127.349	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 127.350%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	252343	59.173	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 118.340%			
66) 1,2-Dichlorobenzene-d4	12.329	152	208872	51.831	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.660%			
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.508	76	10003	1.362	ug/L	97
25) Chloroform	5.093	83	207647	34.712	ug/L	98
29) Cyclohexane	5.477	56	20605	4.297	ug/L	98
31) Carbon tetrachloride	5.678	117	126890	32.152	ug/L	99
33) Benzene	6.056	78	55849387m	4647.272	ug/L	
35) Methylcyclohexane	7.379	83	6936	1.611	ug/L #	76
46) Tetrachloroethene	9.281	164	3606	1.514	ug/L	86
51) Chlorobenzene	10.092	112	35959815m	4377.657	ug/L	
64) 1,3-Dichlorobenzene	11.976	146	2923860	453.382	ug/L	97
65) 1,4-Dichlorobenzene	12.055	146	19968047	3025.895	ug/L #	65
67) 1,2-Dichlorobenzene	12.354	146	17090770	2613.666	ug/L #	68
70) 1,2,4-trichlorobenzene	13.591	180	3674538	984.298	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	542545	147.215	ug/L	99

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

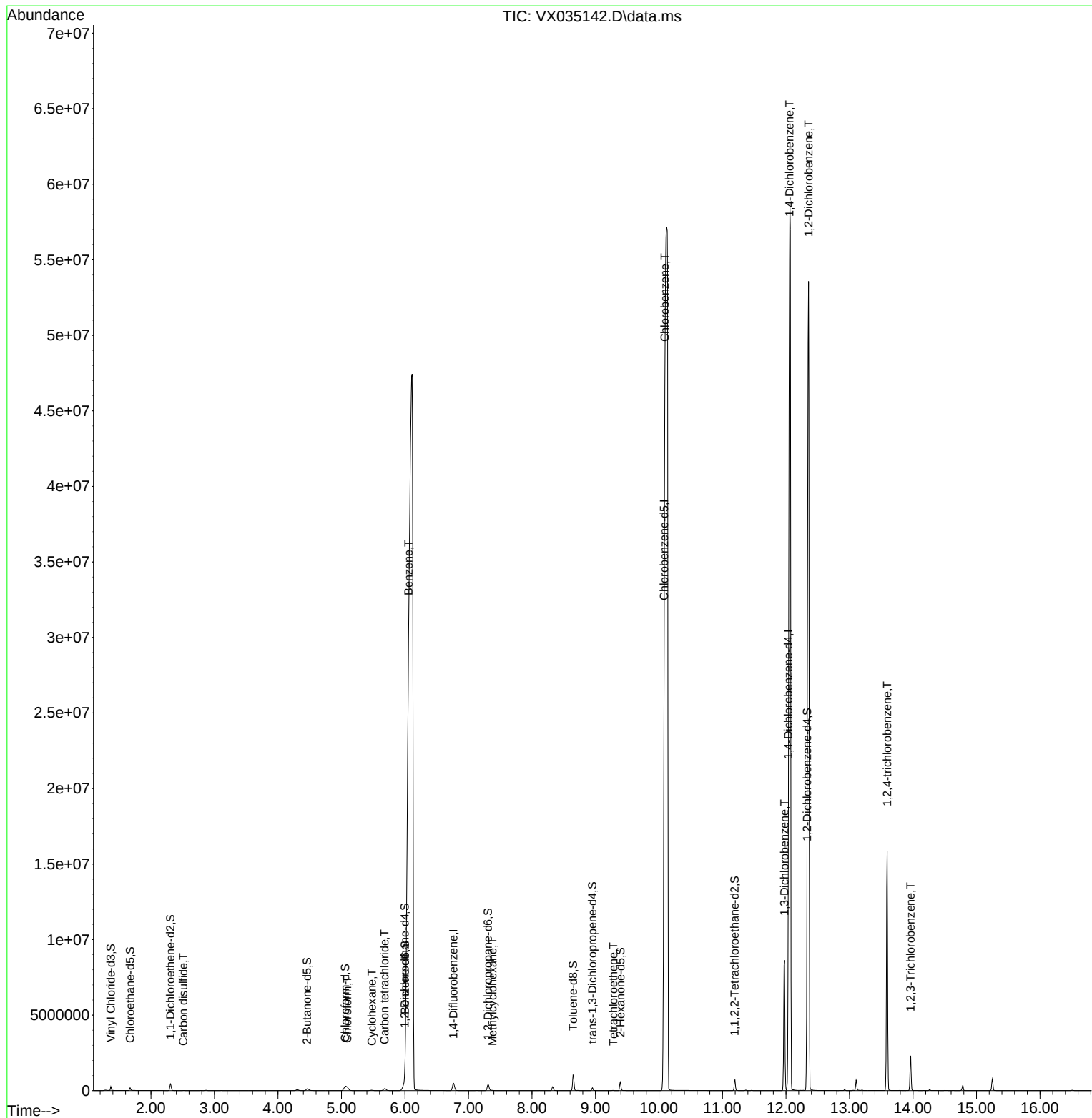
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035142.D
Acq On : 18 Apr 2023 23:01
Operator : JC/MD
Sample : 02397-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

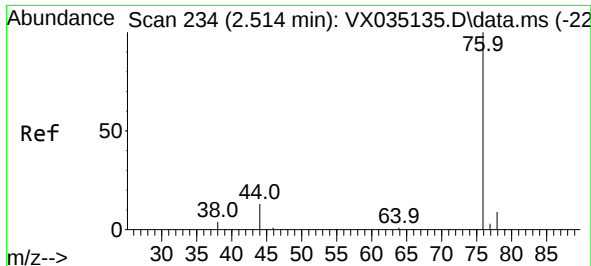
Instrument :
MSVOA_X
ClientSampleId :
COML8

Quant Time: Apr 19 01:38:35 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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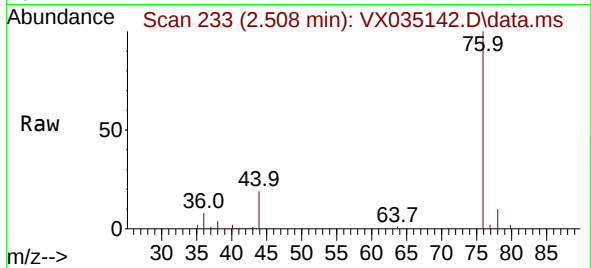
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023





#14
Carbon disulfide
Concen: 1.362 ug/L
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035142.D
Acq: 18 Apr 2023 23:01

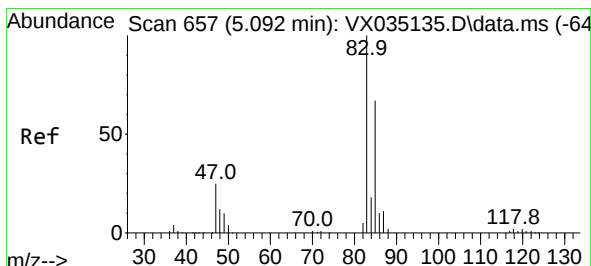
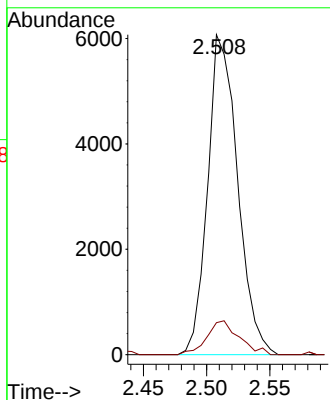
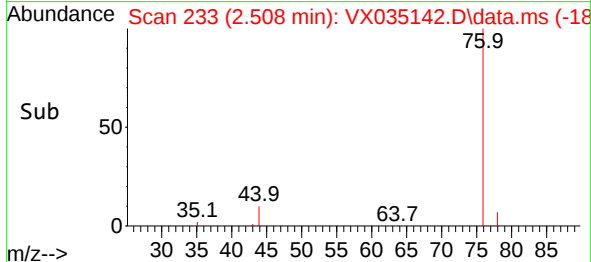
Instrument :
MSVOA_X
ClientSampleId :
COML8



Tgt Ion: 76 Resp: 1000
Ion Ratio Lower Upper
76 100
78 10.0 7.3 10.9

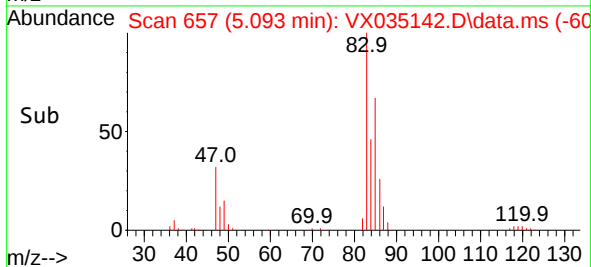
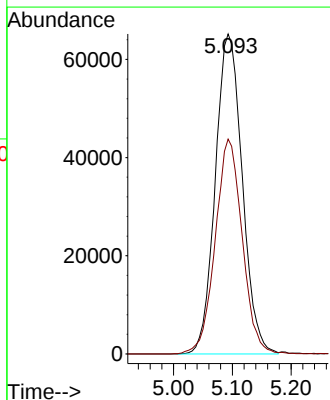
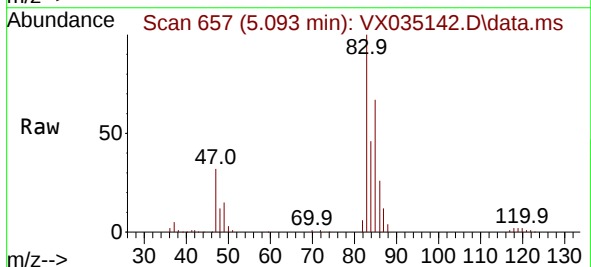
Manual Integrations
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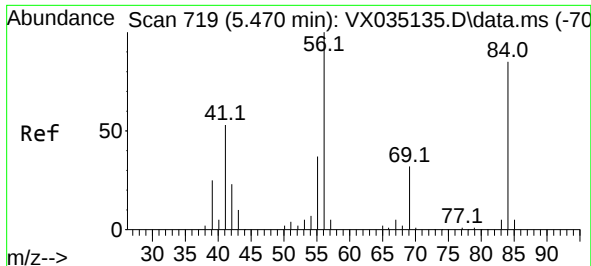
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#25
Chloroform
Concen: 34.712 ug/L
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX035142.D
Acq: 18 Apr 2023 23:01

Tgt Ion: 83 Resp: 207647
Ion Ratio Lower Upper
83 100
85 67.1 46.0 85.4





#29

Cyclohexane

Concen: 4.297 ug/L

RT: 5.477 min Scan# 719

Delta R.T. 0.006 min

Lab File: VX035142.D

Acq: 18 Apr 2023 23:01

Instrument :

MSVOA_X

ClientSampleId :

COML8

Tgt Ion: 56 Resp: 2060

Ion Ratio Lower Upper

56 100

69 32.9 25.1 37.7

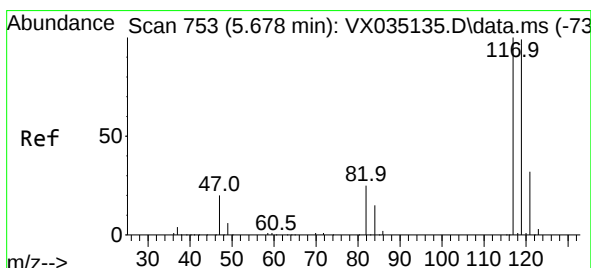
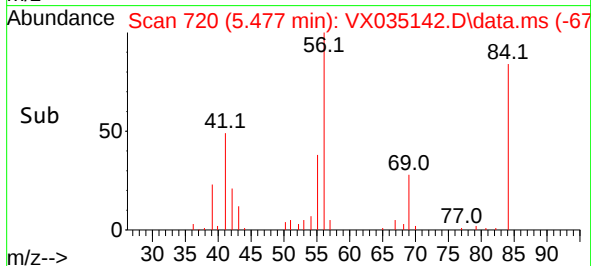
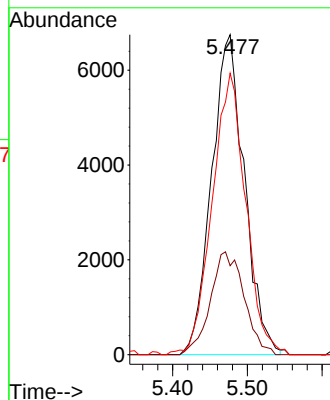
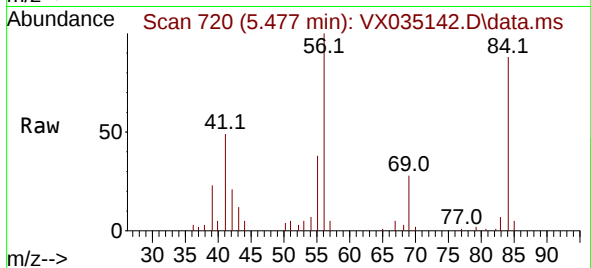
84 89.0 70.1 105.1

Manual Integrations

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#31

Carbon tetrachloride

Concen: 32.152 ug/L

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX035142.D

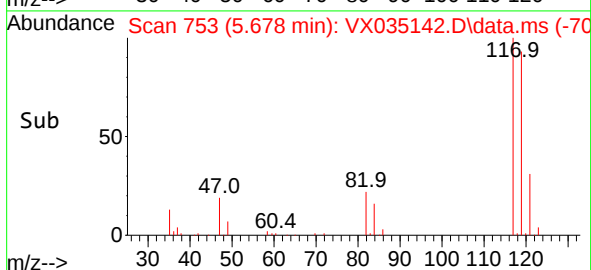
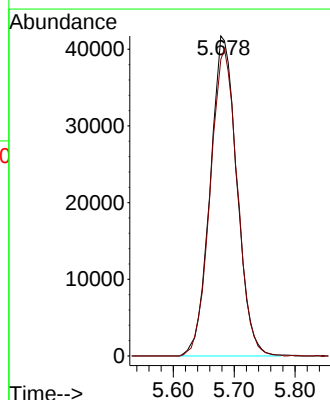
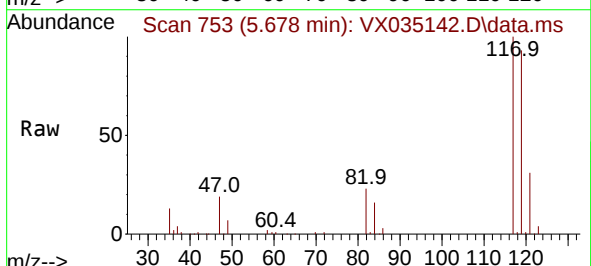
Acq: 18 Apr 2023 23:01

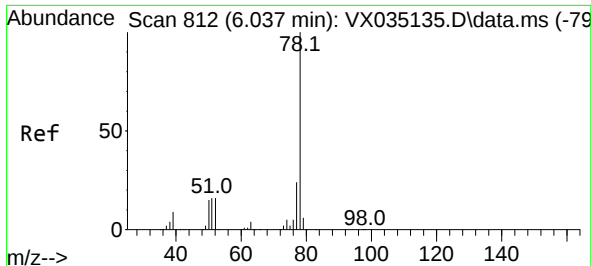
Tgt Ion:117 Resp: 126890

Ion Ratio Lower Upper

117 100

119 97.2 77.1 115.7





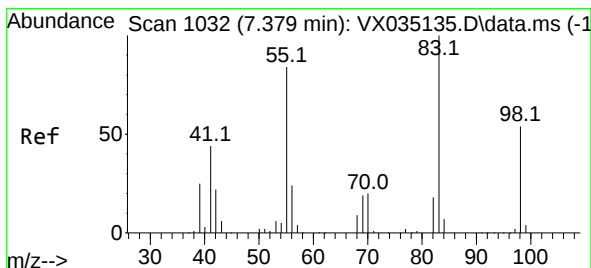
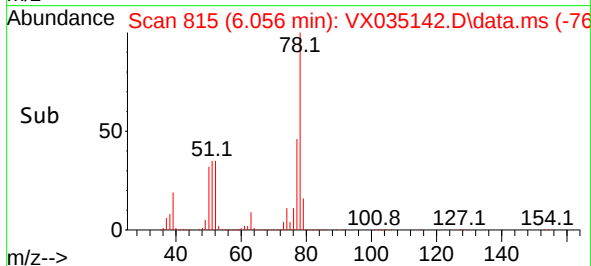
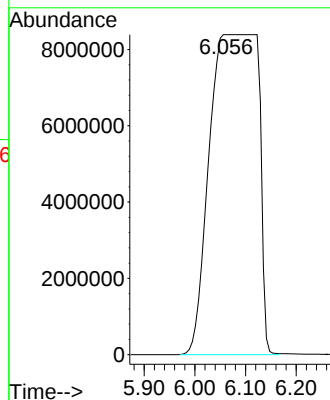
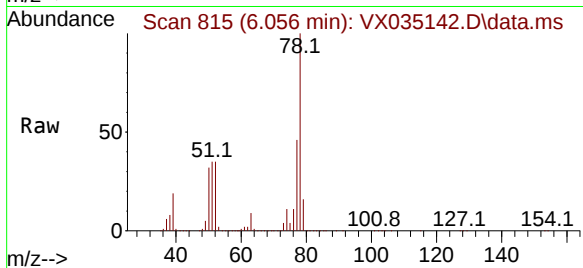
#33
Benzene
Concen: 4647.272 ug/L m
RT: 6.056 min Scan# 812
Delta R.T. 0.018 min
Lab File: VX035142.D
Acq: 18 Apr 2023 23:01

Instrument :
MSVOA_X
ClientSampleId :
COML8

Tgt Ion: 78 Resp:5584938

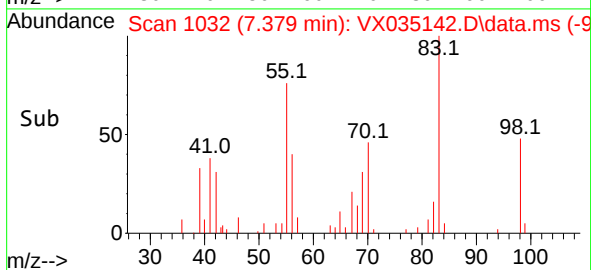
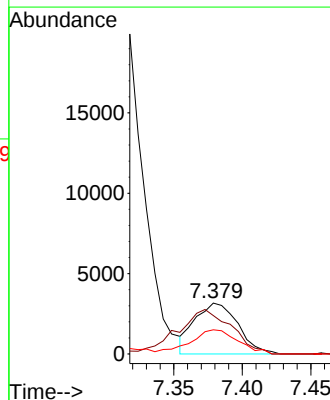
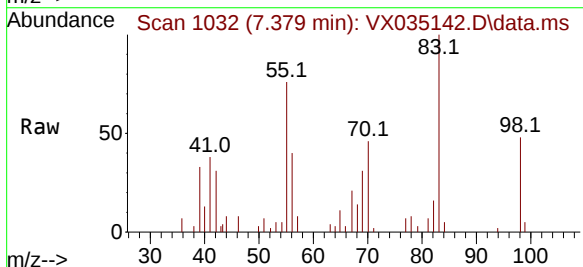
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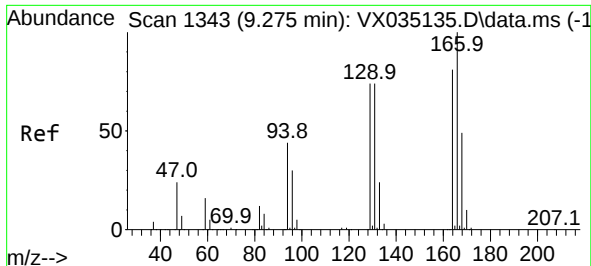
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#35
Methylcyclohexane
Concen: 1.611 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035142.D
Acq: 18 Apr 2023 23:01

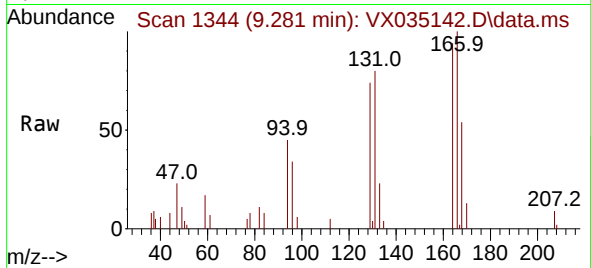
Tgt Ion: 83 Resp: 6936
Ion Ratio Lower Upper
83 100
55 108.5 62.2 93.2#
98 52.4 39.3 58.9





#46
Tetrachloroethene
Concen: 1.514 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX035142.D
Acq: 18 Apr 2023 23:01

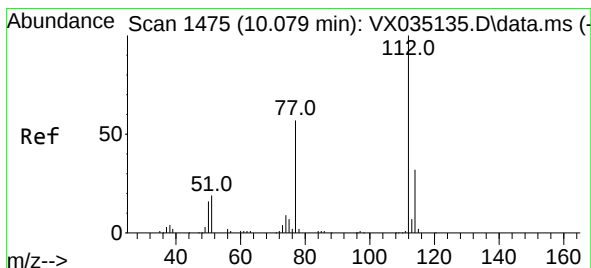
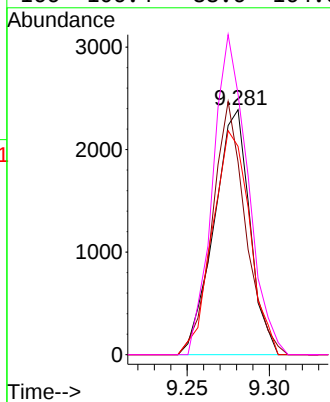
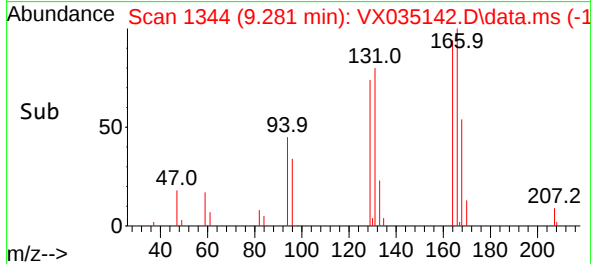
Instrument :
MSVOA_X
ClientSampleId :
COML8



Tgt Ion:164 Resp: 3600
Ion Ratio Lower Upper
164 100
129 78.7 66.1 122.8
131 85.1 65.0 120.8
166 106.4 88.6 164.6

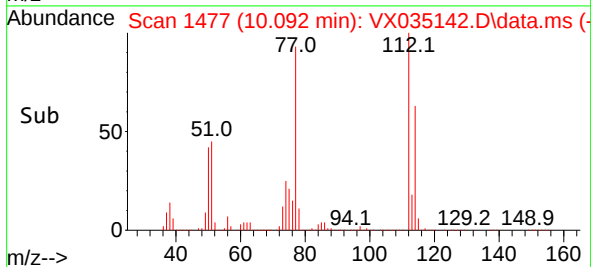
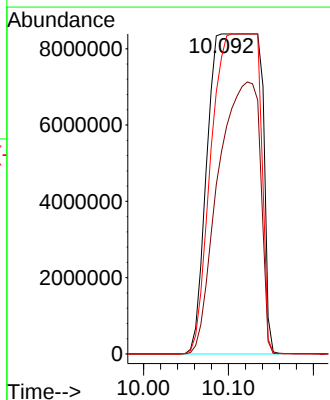
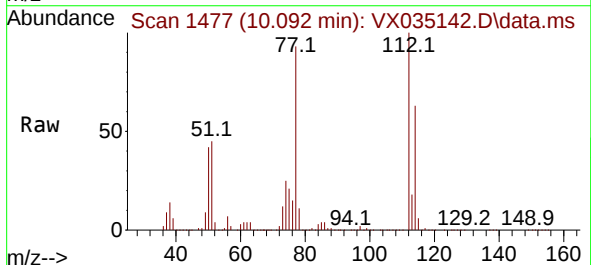
Manual Integrations
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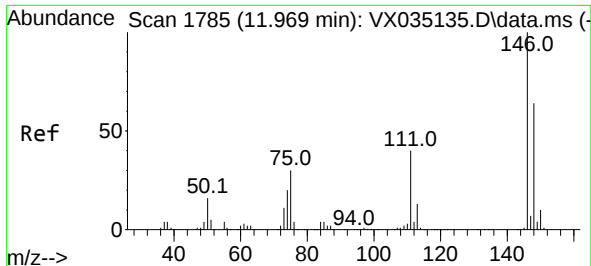
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#51
Chlorobenzene
Concen: 4377.657 ug/L m
RT: 10.092 min Scan# 1477
Delta R.T. 0.012 min
Lab File: VX035142.D
Acq: 18 Apr 2023 23:01

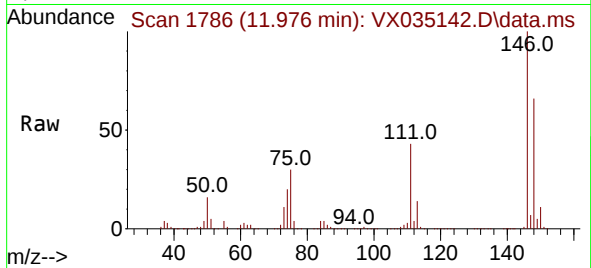
Tgt Ion:112 Resp:35959815
Ion Ratio Lower Upper
112 100
114 63.3 22.4 41.6#
77 92.7 47.0 70.6#





#64
1,3-Dichlorobenzene
Concen: 453.382 ug/L
RT: 11.976 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX035142.D
Acq: 18 Apr 2023 23:01

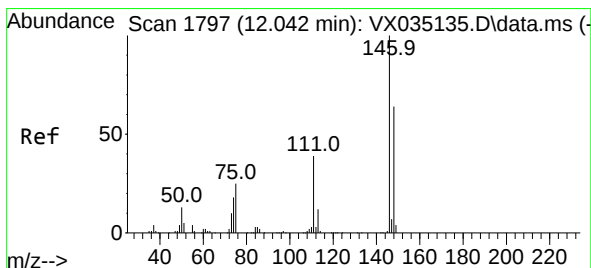
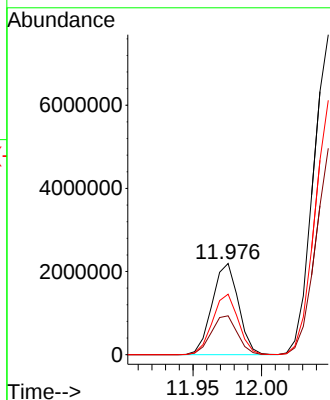
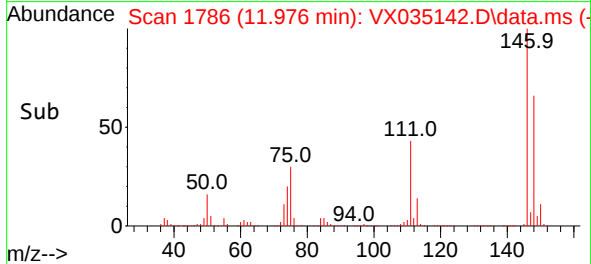
Instrument :
MSVOA_X
ClientSampleId :
COML8



Tgt Ion:146 Resp: 2923860
Ion Ratio Lower Upper
146 100
111 42.6 28.9 53.7
148 66.2 44.3 82.3

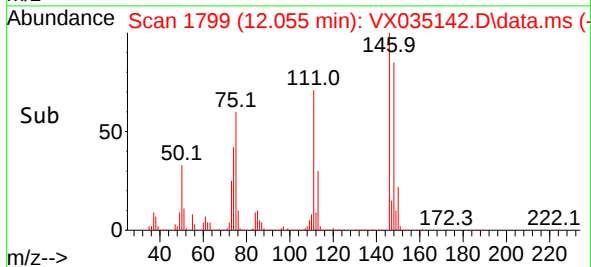
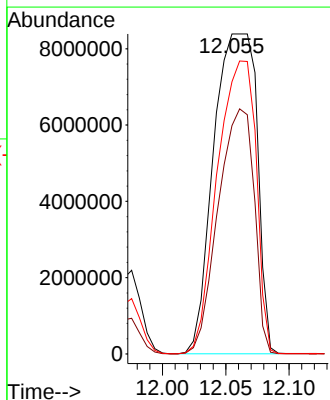
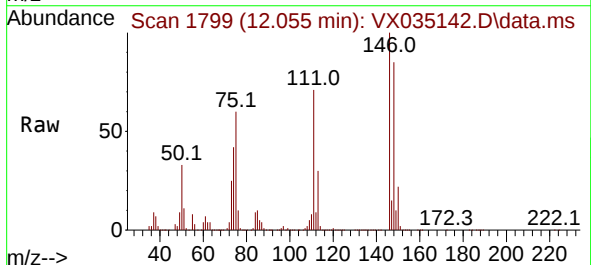
Manual Integrations
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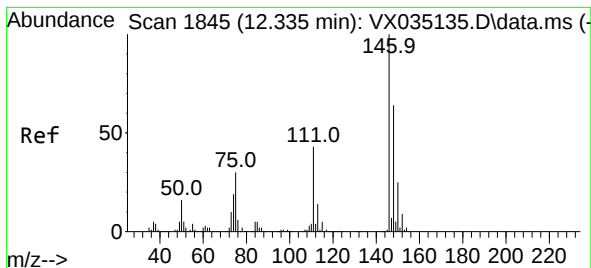
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#65
1,4-Dichlorobenzene
Concen: 3025.895 ug/L
RT: 12.055 min Scan# 1799
Delta R.T. 0.012 min
Lab File: VX035142.D
Acq: 18 Apr 2023 23:01

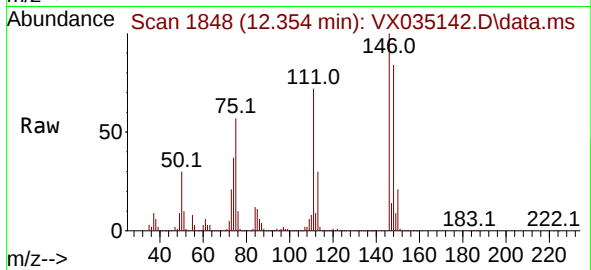
Tgt Ion:146 Resp:19968047
Ion Ratio Lower Upper
146 100
111 71.4 27.9 51.7#
148 85.0 45.9 85.3





#67
1,2-Dichlorobenzene
Concen: 2613.666 ug/L
RT: 12.354 min Scan# 1848
Delta R.T. 0.018 min
Lab File: VX035142.D
Acq: 18 Apr 2023 23:01

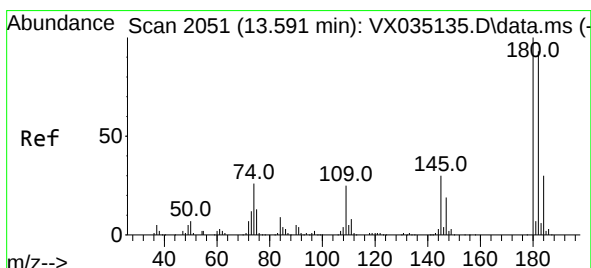
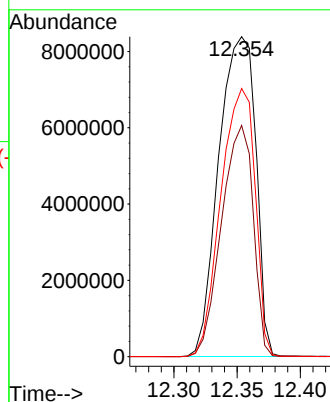
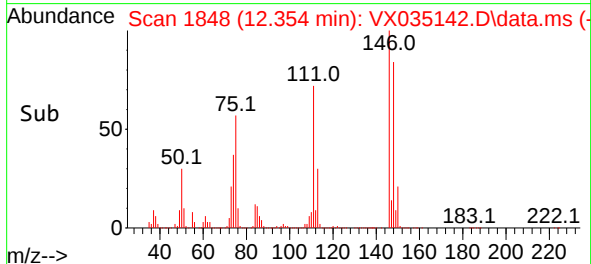
Instrument :
MSVOA_X
ClientSampleId :
COML8



Tgt Ion:146 Resp:17090770
Ion Ratio Lower Upper
146 100
111 72.2 34.7 52.1
148 83.8 52.1 78.1

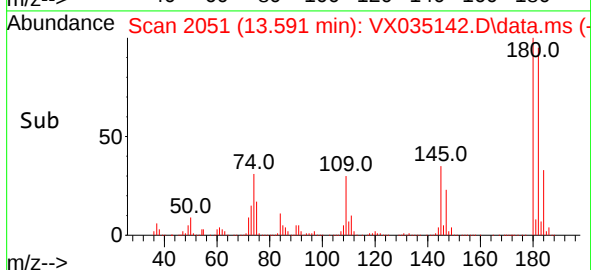
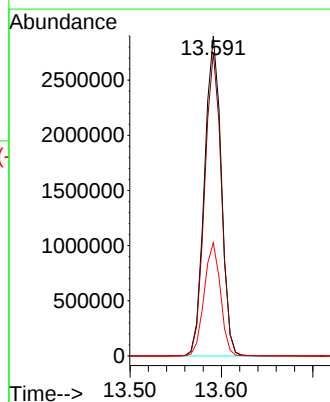
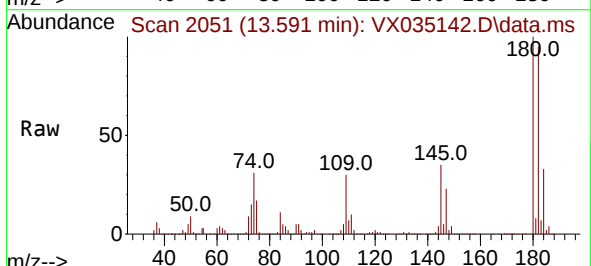
Manual Integrations
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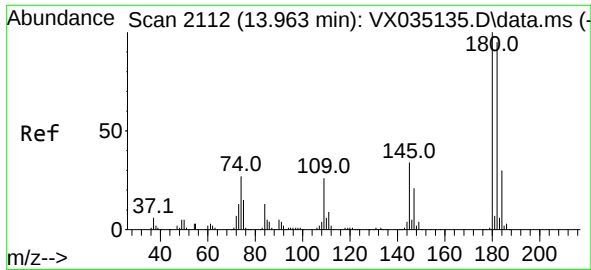
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#70
1,2,4-trichlorobenzene
Concen: 984.298 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX035142.D
Acq: 18 Apr 2023 23:01

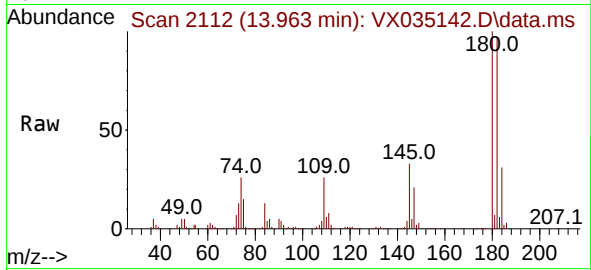
Tgt Ion:180 Resp: 3674538
Ion Ratio Lower Upper
180 100
182 94.2 76.6 114.8
145 34.4 26.2 39.4





#72
 1,2,3-Trichlorobenzene
 Concen: 147.215 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX035142.D
 Acq: 18 Apr 2023 23:01

Instrument :
 MSVOA_X
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Tgt Ion:180 Resp: 542549
 Ion Ratio Lower Upper
 180 100
 182 95.0 75.0 112.6
 145 34.1 27.1 40.7

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