

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035141.D
 Acq On : 18 Apr 2023 22:38
 Operator : JC/MD
 Sample : 02397-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML7

Manual Integrations
 APPROVED

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

Quant Time: Apr 19 01:38:18 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	459084	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.085	117	247596m	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	12.042	152	180821	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	172549	58.290	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 116.580%			
7) Chloroethane-d5	1.672	69	130807	61.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 122.300%			
11) 1,1-Dichloroethene-d2	2.306	65	85515	60.375	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 120.760%			
21) 2-Butanone-d5	4.458	46	246478	124.947	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 124.950%			
24) Chloroform-d	5.056	84	330899	59.358	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 118.720%			
26) 1,2-Dichloroethane-d4	5.952	65	221831	61.967	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 123.940%			
32) Benzene-d6	5.970	84	712990	100.245	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 200.500%#			
36) 1,2-Dichloropropane-d6	7.305	67	218379	100.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 201.020%#			
41) Toluene-d8	8.653	98	645386	99.286	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 198.580%#			
43) trans-1,3-Dichloroprop...	8.951	79	89921	94.707	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 189.420%#			
47) 2-Hexanone-d5	9.390	63	178998	205.164	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 205.160%#			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	253951	95.444	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 190.880%#			
66) 1,2-Dichlorobenzene-d4	12.372	152	153570	43.826	ug/L	0.05
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.660%			
Target Compounds						
					Qvalue	
13) Acetone	2.386	43	106064	72.494	ug/L	100
29) Cyclohexane	5.470	56	32299	10.796	ug/L	100
31) Carbon tetrachloride	5.678	117	34583	14.044	ug/L	95
33) Benzene	6.037	78	471736	62.914	ug/L	100
35) Methylcyclohexane	7.379	83	13296	4.950	ug/L #	77
42) Toluene	8.720	91	32122	4.129	ug/L	99
46) Tetrachloroethene	9.281	164	5656	3.807	ug/L	94
51) Chlorobenzene	10.085	112	61187952m	11938.717	ug/L	
53) m,p-Xylene	10.317	106	2698	0.819	ug/L	98
64) 1,3-Dichlorobenzene	11.981	146	10614866	1892.937	ug/L	84
65) 1,4-Dichlorobenzene	12.061	146	21220786m	3698.231	ug/L	
67) 1,2-Dichlorobenzene	12.353	146	45089556m	7930.100	ug/L	
70) 1,2,4-trichlorobenzene	13.615	180	16915173	5210.921	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.969	180	5119490	1597.555	ug/L	97

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

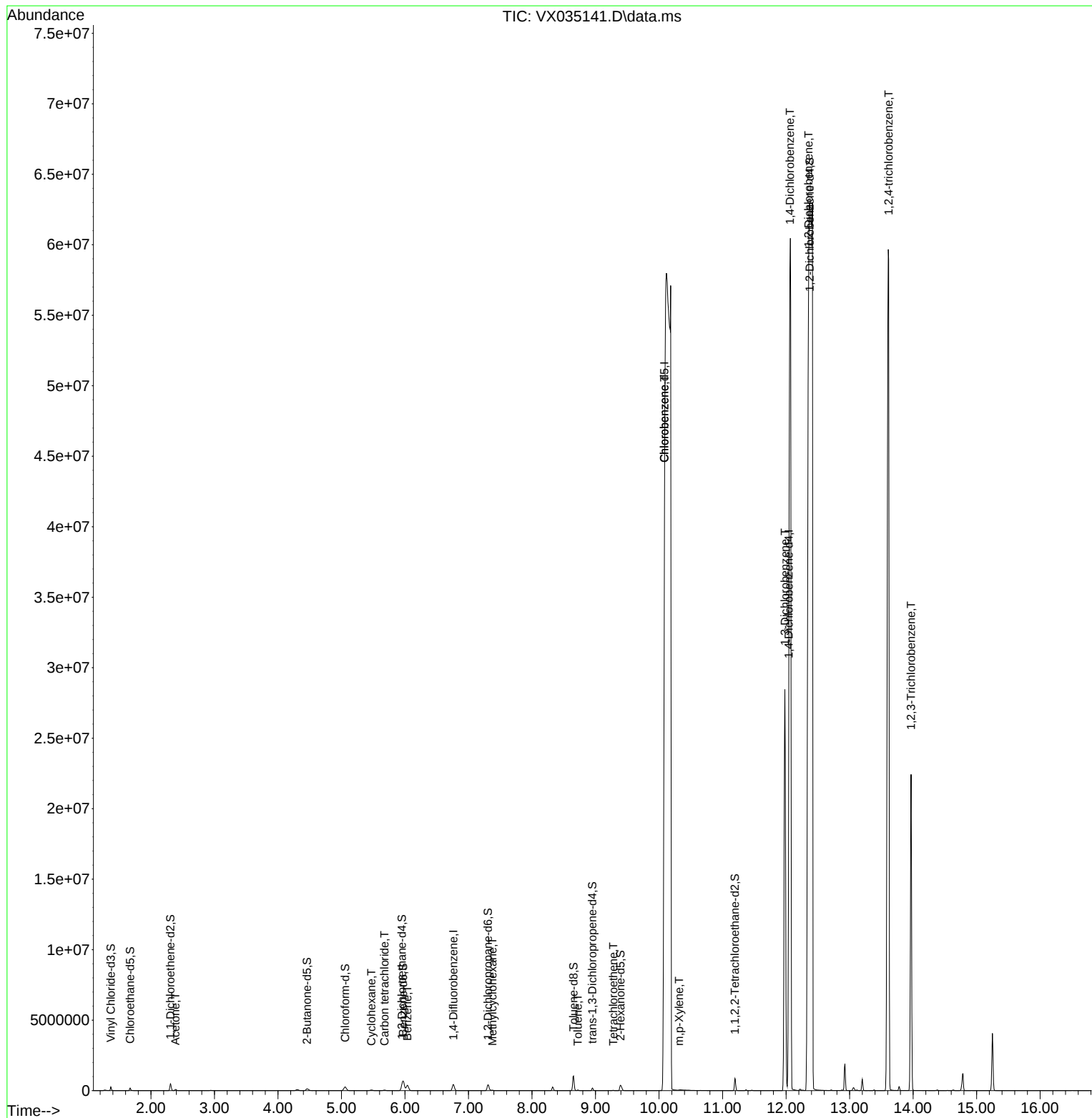
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035141.D
Acq On : 18 Apr 2023 22:38
Operator : JC/MD
Sample : 02397-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 40 Sample Multiplier: 1

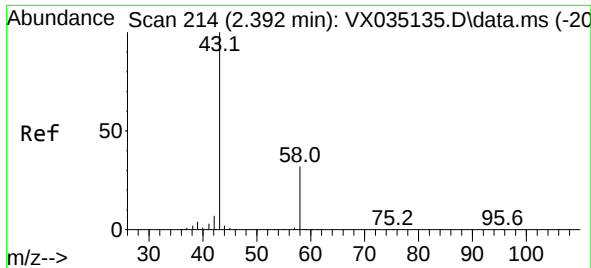
Instrument :
MSVOA_X
ClientSampleId :
COML7

Quant Time: Apr 19 01:38:18 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





#13

Acetone

Concen: 72.494 ug/L

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX035141.D

Acq: 18 Apr 2023 22:38

Instrument :

MSVOA_X

ClientSampleId :

COML7

Tgt Ion: 43 Resp: 106064

Ion Ratio Lower Upper

43 100

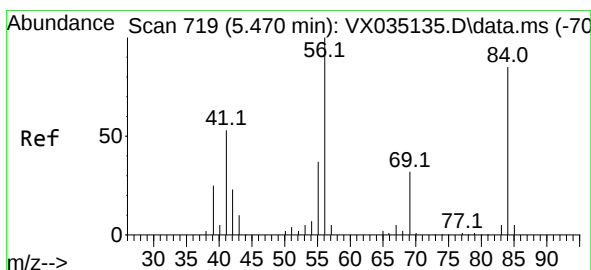
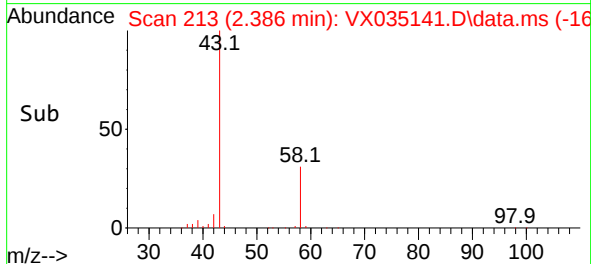
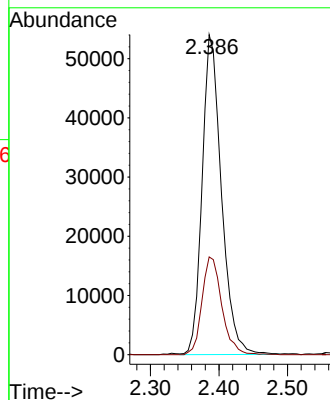
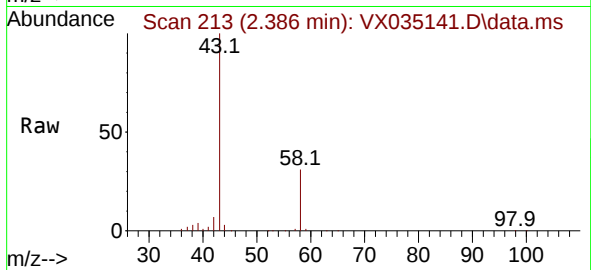
58 31.1 0.0 62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2023

Supervised By :Mahesh Dadoda 04/19/2023



#29

Cyclohexane

Concen: 10.796 ug/L

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX035141.D

Acq: 18 Apr 2023 22:38

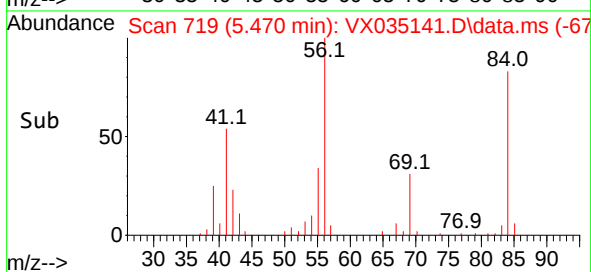
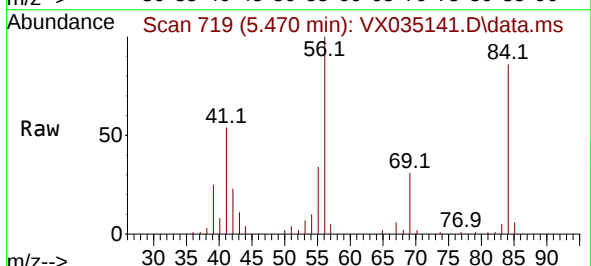
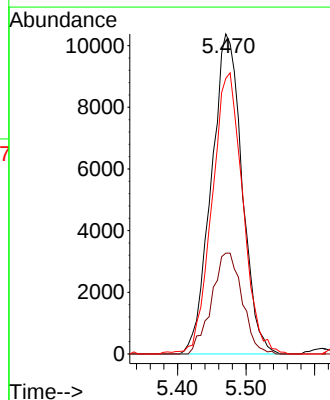
Tgt Ion: 56 Resp: 32299

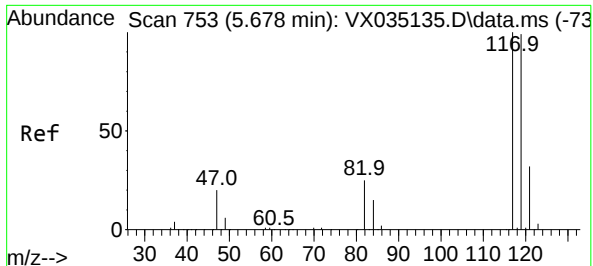
Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

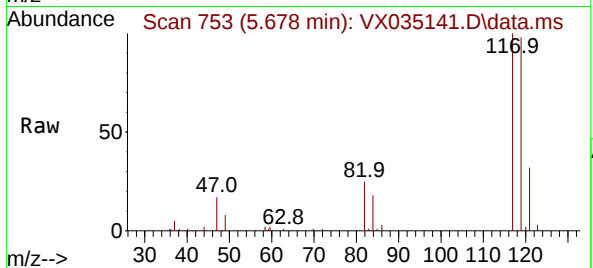
84 87.9 70.1 105.1





#31
Carbon tetrachloride
Concen: 14.044 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035141.D
Acq: 18 Apr 2023 22:38

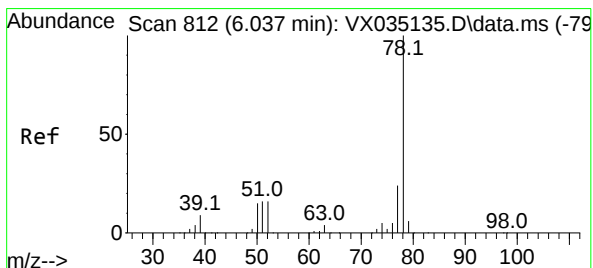
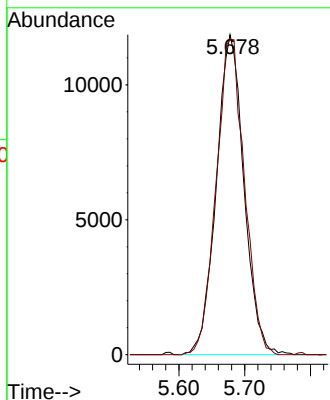
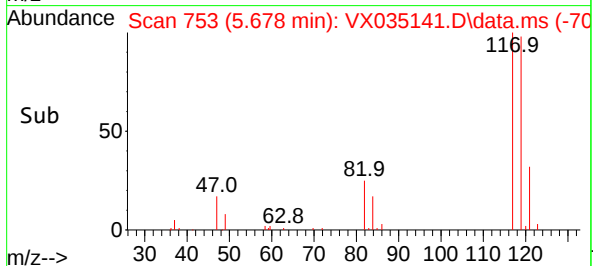
Instrument :
MSVOA_X
ClientSampleId :
COML7



Tgt Ion:117 Resp: 3458
Ion Ratio Lower Upper
117 100
119 101.2 77.1 115.7

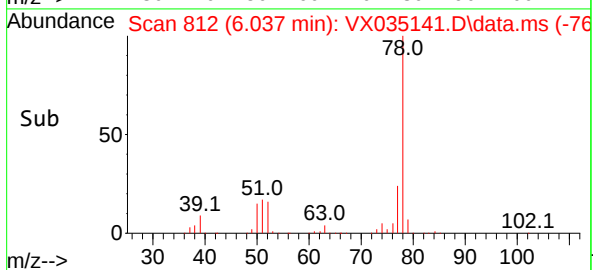
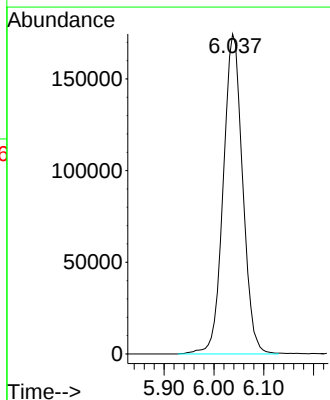
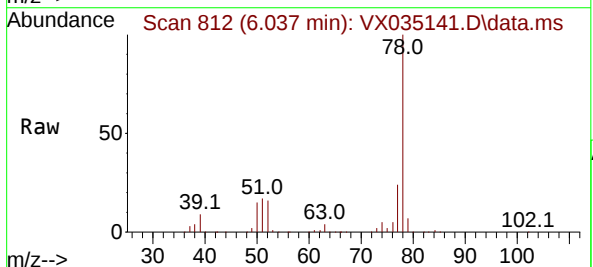
Manual Integrations
APPROVED

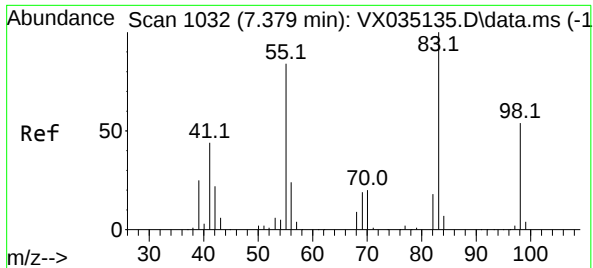
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#33
Benzene
Concen: 62.914 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035141.D
Acq: 18 Apr 2023 22:38

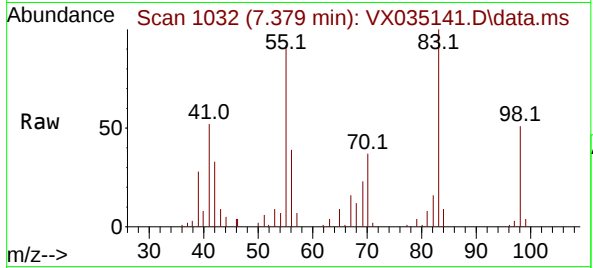
Tgt Ion: 78 Resp: 471736





#35
Methylcyclohexane
Concen: 4.950 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035141.D
Acq: 18 Apr 2023 22:38

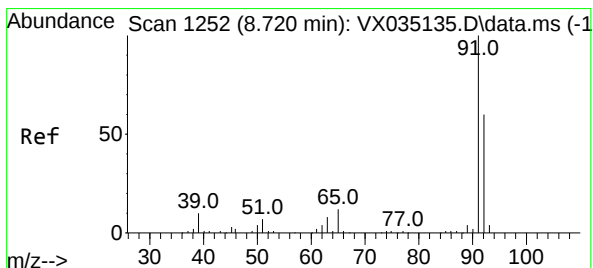
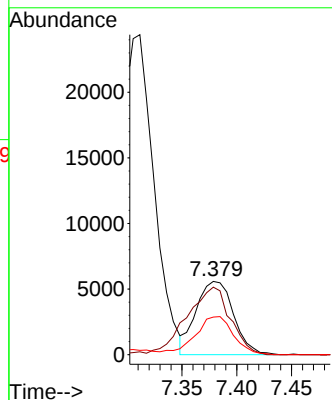
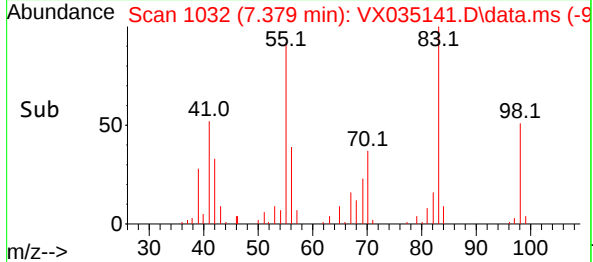
Instrument :
MSVOA_X
ClientSampleId :
COML7



Tgt Ion: 83 Resp: 13290
Ion Ratio Lower Upper
83 100
55 106.8 62.2 93.2
98 53.0 39.3 58.9

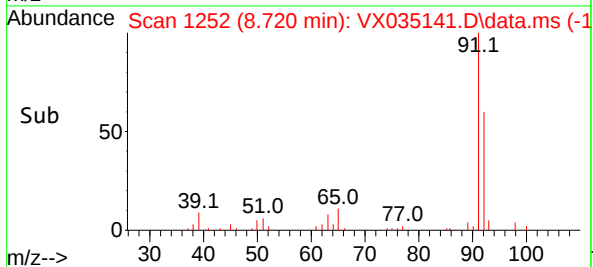
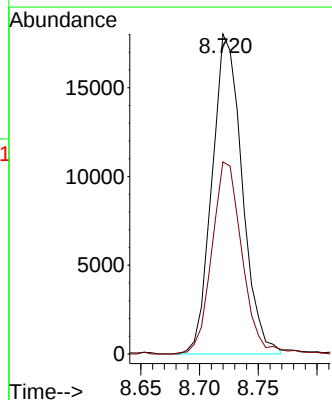
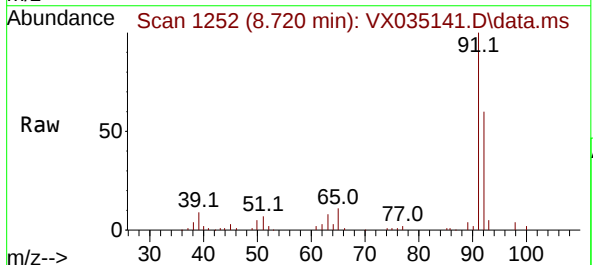
Manual Integrations
APPROVED

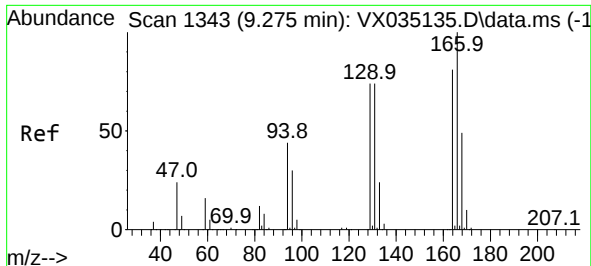
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#42
Toluene
Concen: 4.129 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035141.D
Acq: 18 Apr 2023 22:38

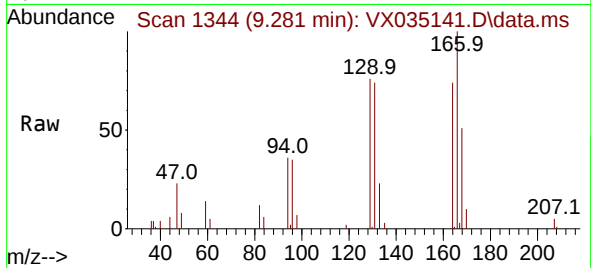
Tgt Ion: 91 Resp: 32122
Ion Ratio Lower Upper
91 100
92 60.0 41.7 77.5





#46
Tetrachloroethene
Concen: 3.807 ug/L
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX035141.D
Acq: 18 Apr 2023 22:38

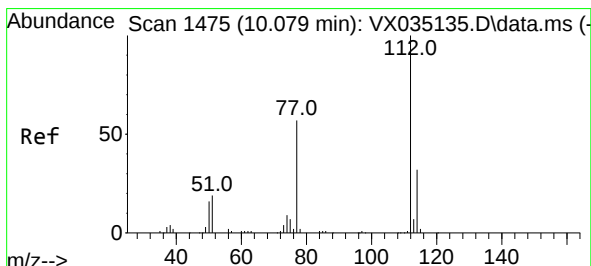
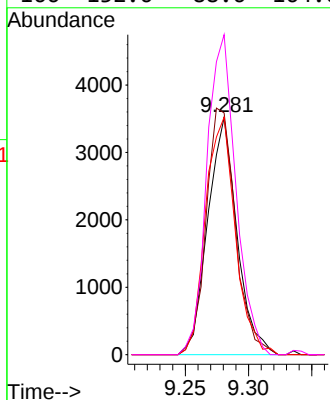
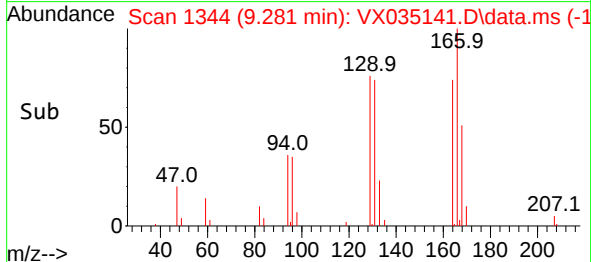
Instrument :
MSVOA_X
ClientSampleId :
COML7



Tgt Ion:164 Resp: 565
Ion Ratio Lower Upper
164 100
129 100.2 66.1 122.8
131 98.4 65.0 120.8
166 132.6 88.6 164.6

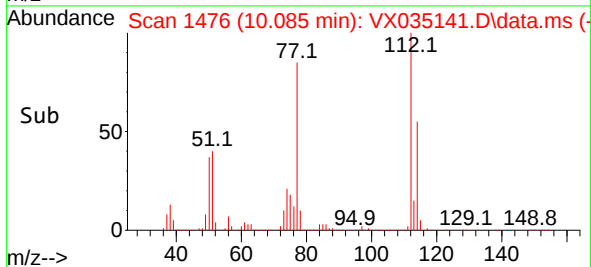
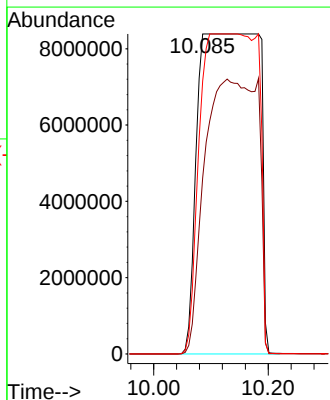
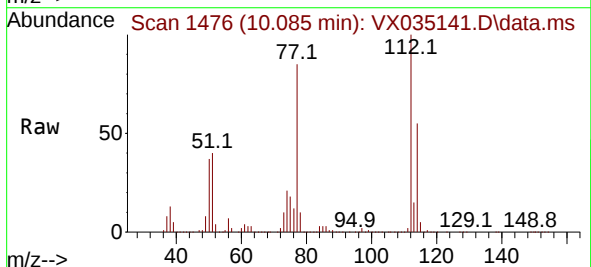
Manual Integrations
APPROVED

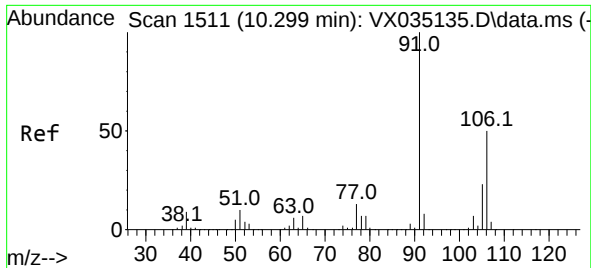
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#51
Chlorobenzene
Concen: 11938.717 ug/L m
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX035141.D
Acq: 18 Apr 2023 22:38

Tgt Ion:112 Resp:61187952
Ion Ratio Lower Upper
112 100
114 55.1 22.4 41.6#
77 85.3 47.0 70.6#





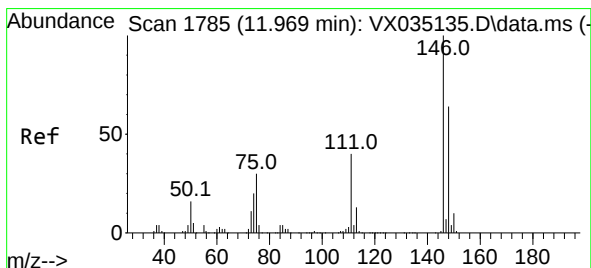
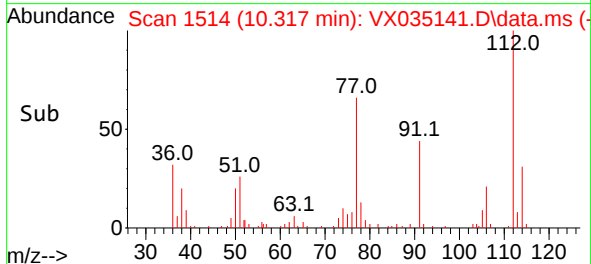
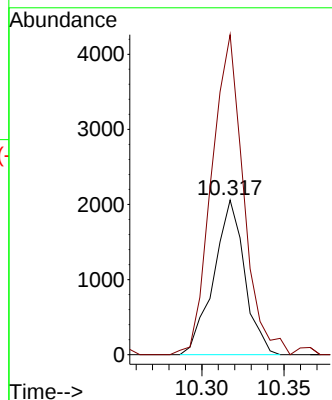
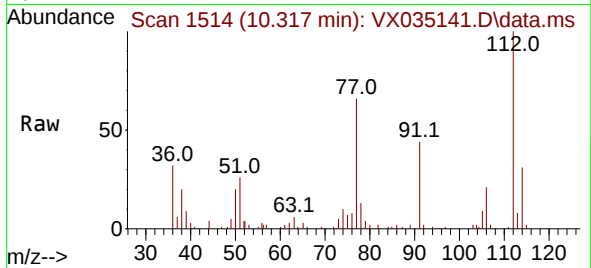
#53
m,p-Xylene
Concen: 0.819 ug/L
RT: 10.317 min Scan# 1514
Delta R.T. 0.018 min
Lab File: VX035141.D
Acq: 18 Apr 2023 22:38

Instrument :
MSVOA_X
ClientSampleId :
COML7

Tgt Ion:106 Resp: 2698
Ion Ratio Lower Upper
106 100
91 206.9 142.7 264.9

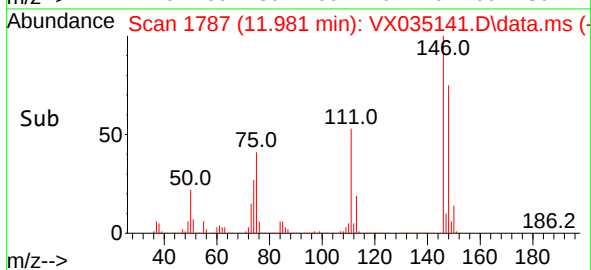
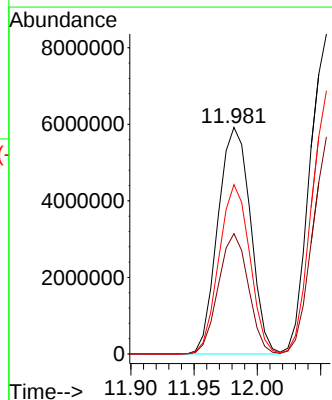
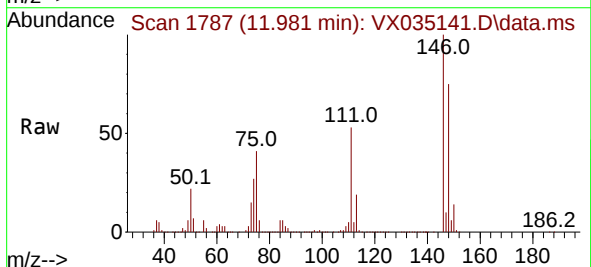
Manual Integrations
APPROVED

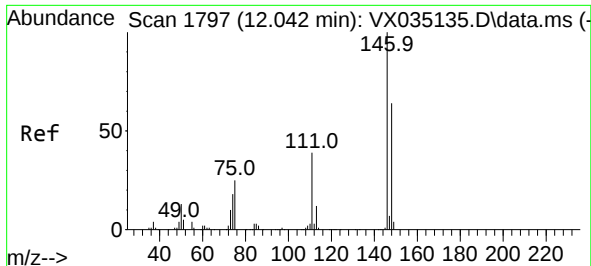
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#64
1,3-Dichlorobenzene
Concen: 1892.937 ug/L
RT: 11.981 min Scan# 1787
Delta R.T. 0.012 min
Lab File: VX035141.D
Acq: 18 Apr 2023 22:38

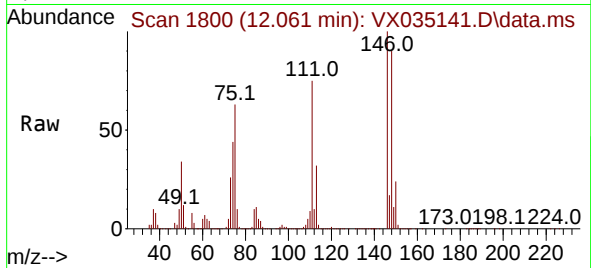
Tgt Ion:146 Resp:10614866
Ion Ratio Lower Upper
146 100
111 53.1 28.9 53.7
148 74.8 44.3 82.3





#65
1,4-Dichlorobenzene
Concen: 3698.231 ug/L m
RT: 12.061 min Scan# 1797
Delta R.T. 0.018 min
Lab File: VX035141.D
Acq: 18 Apr 2023 22:38

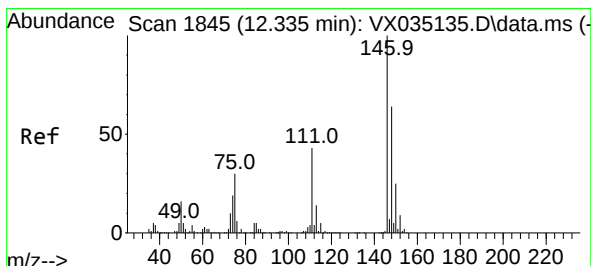
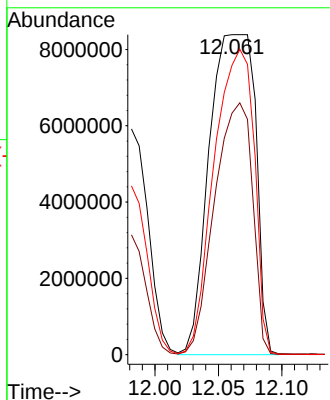
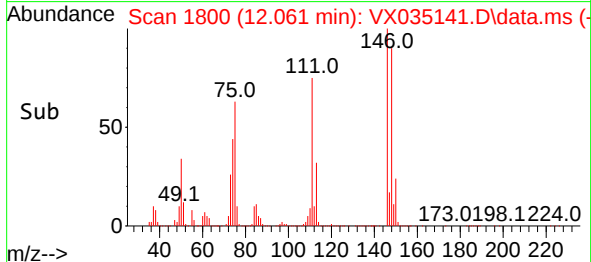
Instrument :
MSVOA_X
ClientSampleId :
COML7



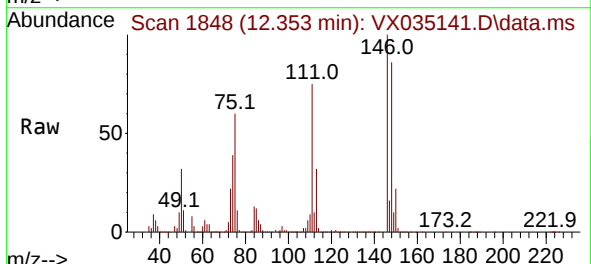
Tgt Ion:146 Resp:21220780
Ion Ratio Lower Upper
146 100
111 75.4 27.9 51.7
148 90.4 45.9 85.3

Manual Integrations
APPROVED

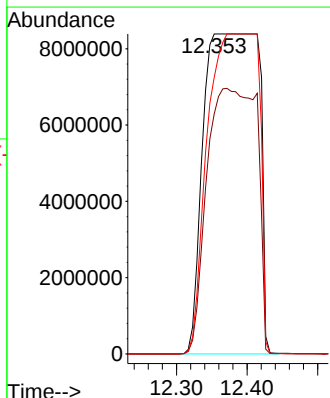
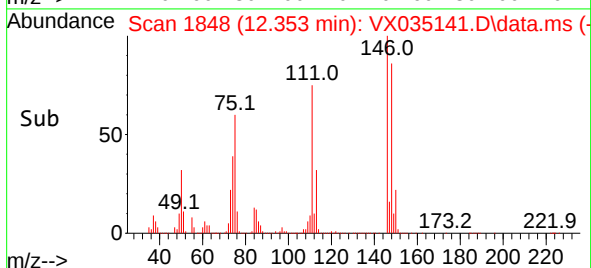
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023

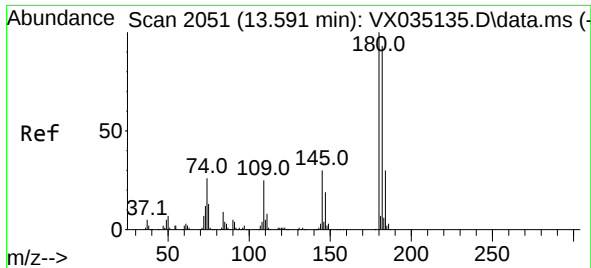


#67
1,2-Dichlorobenzene
Concen: 7930.100 ug/L m
RT: 12.353 min Scan# 1848
Delta R.T. 0.018 min
Lab File: VX035141.D
Acq: 18 Apr 2023 22:38



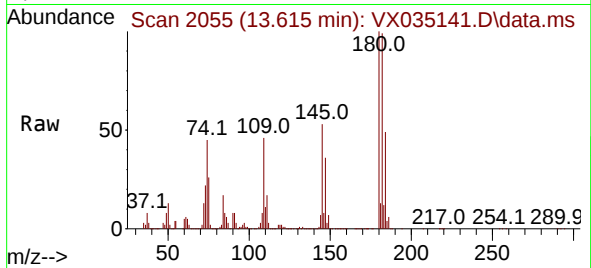
Tgt Ion:146 Resp:45089556
Ion Ratio Lower Upper
146 100
111 75.0 34.7 52.1#
148 86.4 52.1 78.1#





#70
1,2,4-trichlorobenzene
Concen: 5210.921 ug/L
RT: 13.615 min Scan# 2051
Delta R.T. 0.024 min
Lab File: VX035141.D
Acq: 18 Apr 2023 22:38

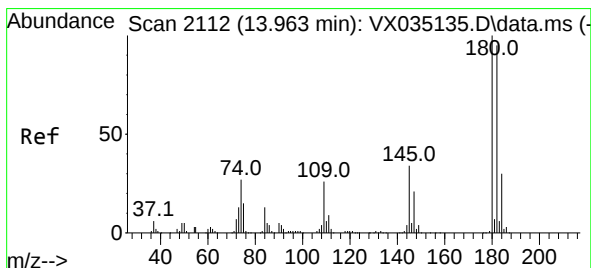
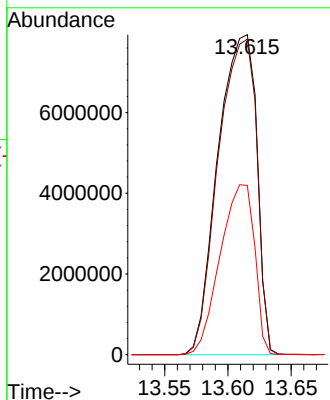
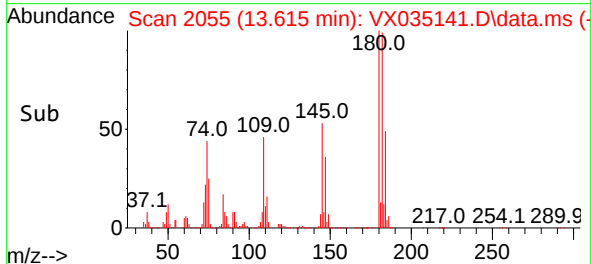
Instrument :
MSVOA_X
ClientSampleId :
COML7



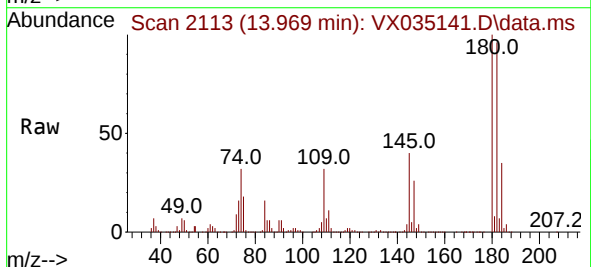
Tgt Ion:180 Resp:1691517
Ion Ratio Lower Upper
180 100
182 97.6 76.6 114.8
145 47.2 26.2 39.4

Manual Integrations
APPROVED

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



#72
1,2,3-Trichlorobenzene
Concen: 1597.555 ug/L
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX035141.D
Acq: 18 Apr 2023 22:38



Tgt Ion:180 Resp: 5119490
Ion Ratio Lower Upper
180 100
182 95.6 75.0 112.6
145 37.7 27.1 40.7

