

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035145.D
 Acq On : 19 Apr 2023 00:11
 Operator : JC/MD
 Sample : 02397-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM1

Manual Integrations
 APPROVED

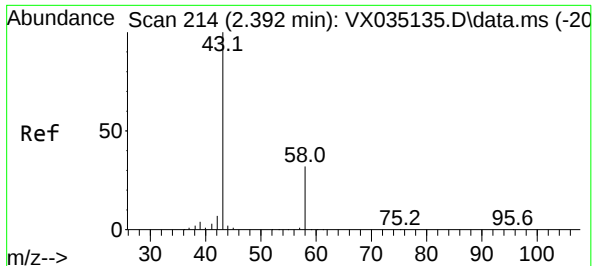
Reviewed By : John Carlone 04/19/2023
 Supervised By : Mahesh Dadoda 04/19/2023

Quant Time: Apr 19 01:39:21 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)

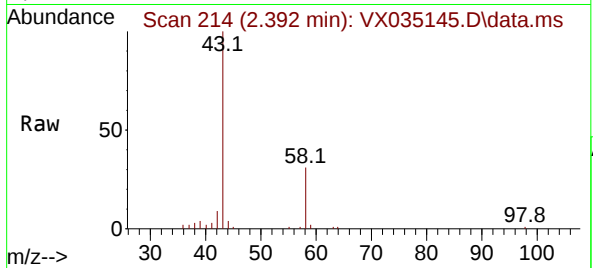
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	498055	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	435437	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	218481	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	173099	53.901	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 107.800%			
7) Chloroethane-d5	1.673	69	124722	53.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.500%			
11) 1,1-Dichloroethene-d2	2.307	65	80417	52.334	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.660%			
21) 2-Butanone-d5	4.459	46	236663	110.585	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.580%			
24) Chloroform-d	5.056	84	318322	52.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.260%			
26) 1,2-Dichloroethane-d4	5.952	65	211744	54.521	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.040%			
32) Benzene-d6	5.971	84	685994	54.843	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.680%			
36) 1,2-Dichloropropane-d6	7.306	67	212871	55.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.420%			
41) Toluene-d8	8.647	98	629849	55.096	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.200%			
43) trans-1,3-Dichloroprop...	8.952	79	85421	51.157	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.320%			
47) 2-Hexanone-d5	9.385	63	172996	112.748	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.750%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	254932	54.480	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.960%			
66) 1,2-Dichlorobenzene-d4	12.323	152	228545m	53.980	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.960%			
Target Compounds					Qvalue	
13) Acetone	2.392	43	27849	17.545	ug/L	100
33) Benzene	6.038	78	341174	25.873	ug/L	100
51) Chlorobenzene	10.080	112	7104899	788.257	ug/L	89
64) 1,3-Dichlorobenzene	11.969	146	666969	98.438	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	2783368	401.456	ug/L	98
67) 1,2-Dichlorobenzene	12.341	146	10317976	1501.870	ug/L #	81
70) 1,2,4-trichlorobenzene	13.591	180	3355197	855.443	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	713330	184.228	ug/L	98

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



#13
Acetone
Concen: 17.545 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

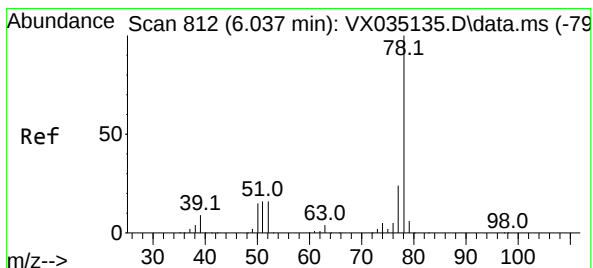
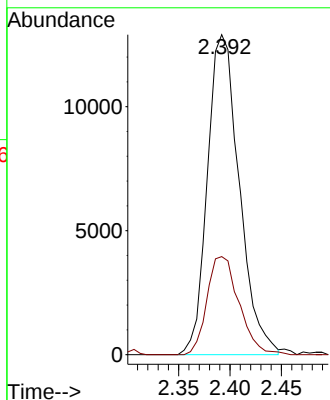
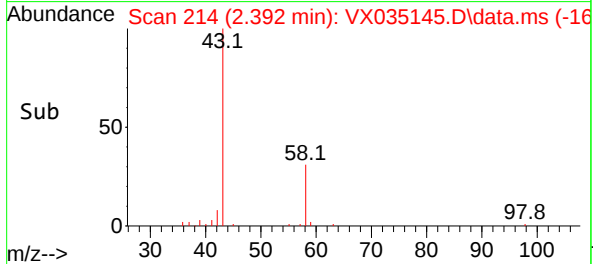
Instrument :
MSVOA_X
ClientSampleId :
COMM1



Tgt Ion: 43 Resp: 27849
Ion Ratio Lower Upper
43 100
58 30.8 0.0 62.0

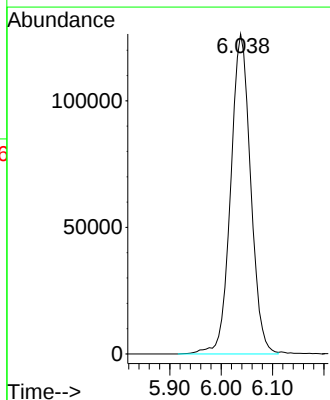
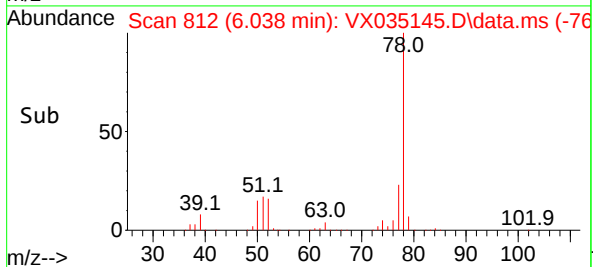
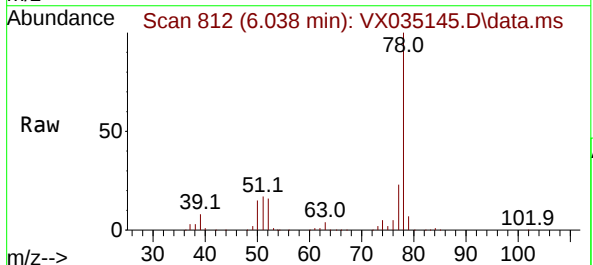
Manual Integrations
APPROVED

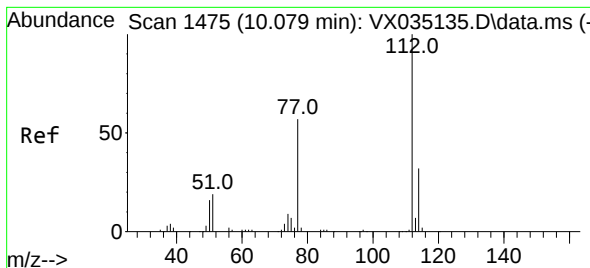
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023



#33
Benzene
Concen: 25.873 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

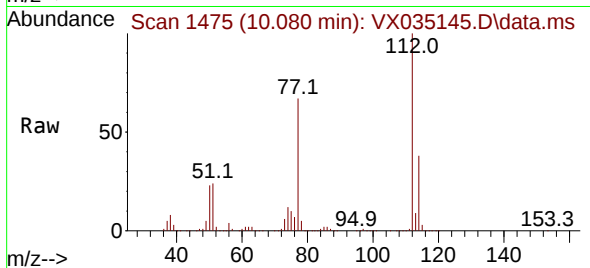
Tgt Ion: 78 Resp: 341174





#51
Chlorobenzene
Concen: 788.257 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

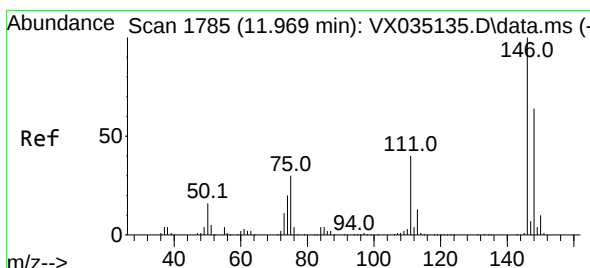
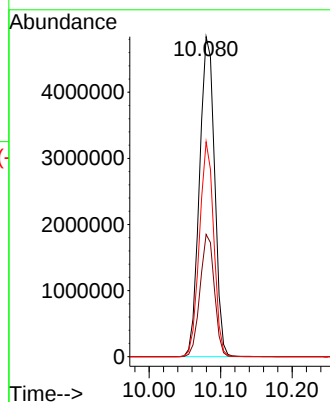
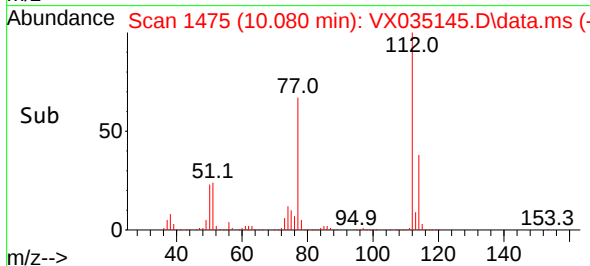
Instrument :
MSVOA_X
ClientSampleId :
COMM1



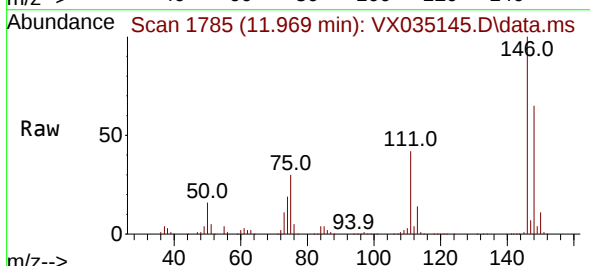
Tgt Ion:112 Resp: 710489
Ion Ratio Lower Upper
112 100
114 38.2 22.4 41.6
77 67.1 47.0 70.6

Manual Integrations
APPROVED

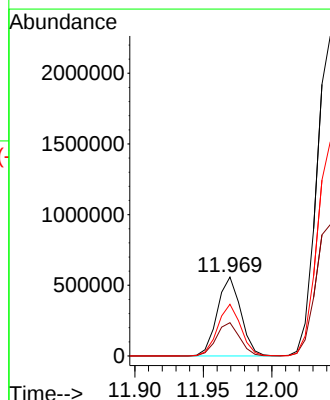
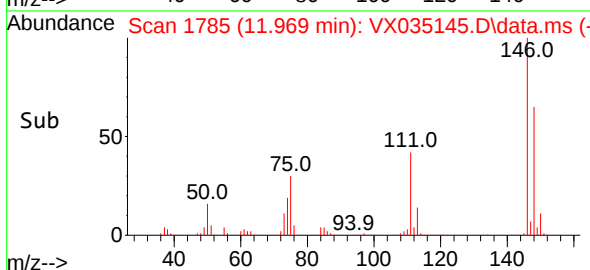
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023

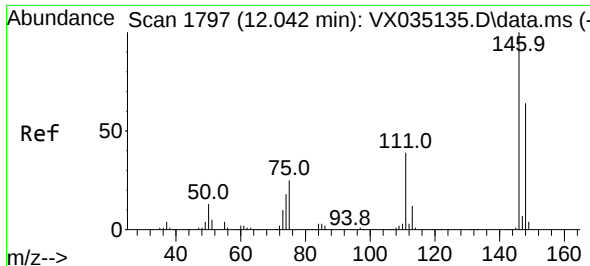


#64
1,3-Dichlorobenzene
Concen: 98.438 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11



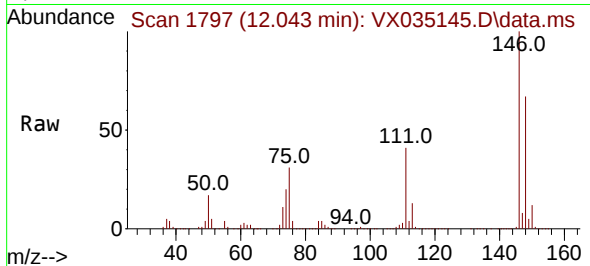
Tgt Ion:146 Resp: 666969
Ion Ratio Lower Upper
146 100
111 42.3 28.9 53.7
148 65.5 44.3 82.3





#65
1,4-Dichlorobenzene
Concen: 401.456 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11

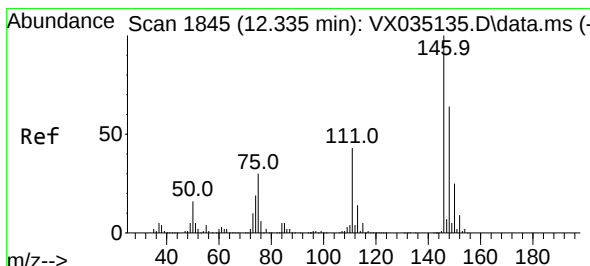
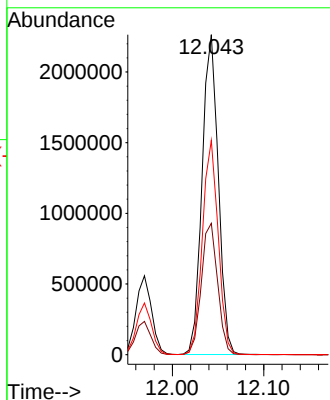
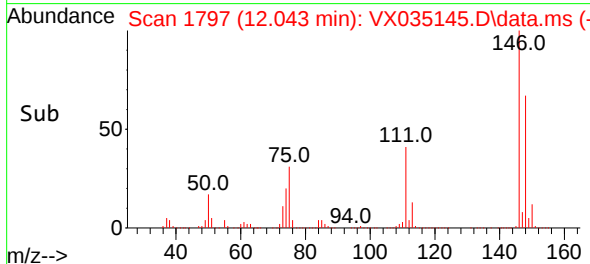
Instrument :
MSVOA_X
ClientSampleId :
COMM1



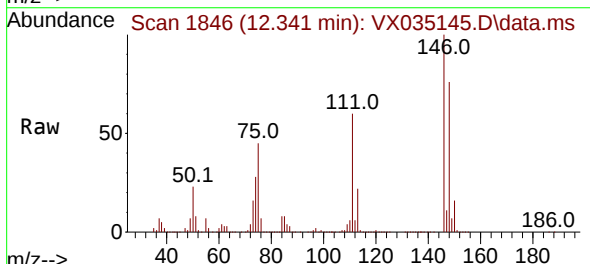
Tgt Ion:146 Resp: 278336
Ion Ratio Lower Upper
146 100
111 41.0 27.9 51.7
148 66.9 45.9 85.3

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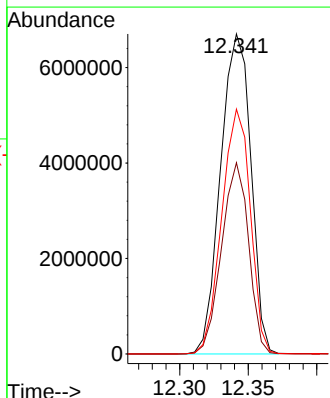
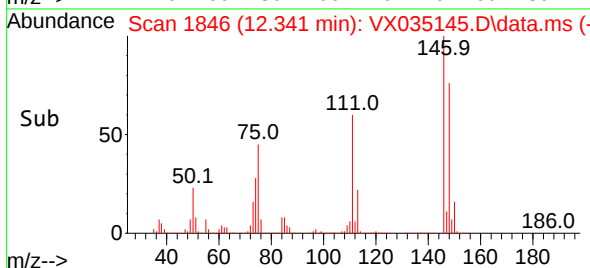
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023

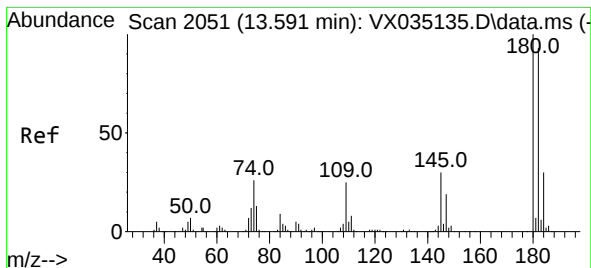


#67
1,2-Dichlorobenzene
Concen: 1501.870 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX035145.D
Acq: 19 Apr 2023 00:11



Tgt Ion:146 Resp:10317976
Ion Ratio Lower Upper
146 100
111 59.7 34.7 52.1#
148 76.5 52.1 78.1





#70

1,2,4-trichlorobenzene

Concen: 855.443 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX035145.D

Acq: 19 Apr 2023 00:11

Instrument :

MSVOA_X

ClientSampleId :

COMM1

Tgt Ion:180 Resp: 335519

Ion Ratio Lower Upper

180 100

182 96.5 76.6 114.8

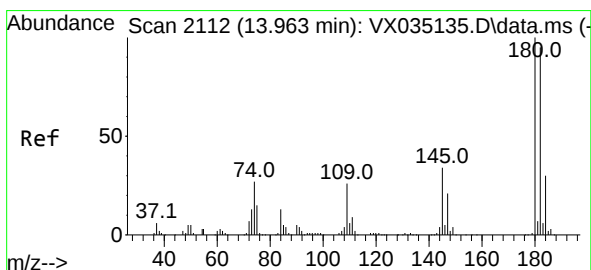
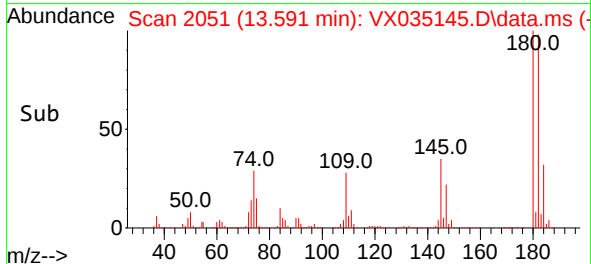
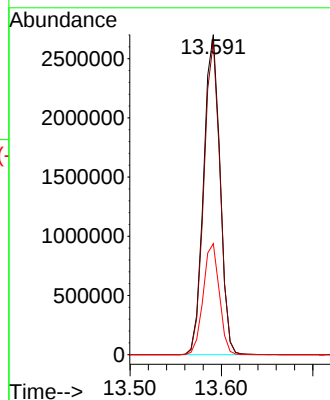
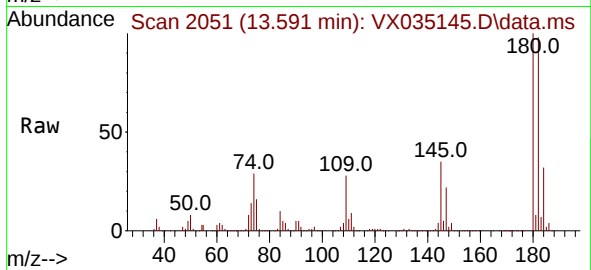
145 34.1 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/19/2023

Supervised By :Mahesh Dadoda 04/19/2023



#72

1,2,3-Trichlorobenzene

Concen: 184.228 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035145.D

Acq: 19 Apr 2023 00:11

Tgt Ion:180 Resp: 713330

Ion Ratio Lower Upper

180 100

182 96.1 75.0 112.6

145 34.7 27.1 40.7

