

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035200.D
 Acq On : 20 Apr 2023 03:25
 Operator : JC/MD
 Sample : 02378-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COML1

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 05:11:34 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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	470739	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	416634	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	212080	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	119574	39.394	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.780%		
7) Chloroethane-d5	1.672	69	90416	41.224	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.440%		
11) 1,1-Dichloroethene-d2	2.306	65	58205	40.076	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.160%		
21) 2-Butanone-d5	4.458	46	204420	101.061	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.060%		
24) Chloroform-d	5.056	84	261140	45.685	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.360%		
26) 1,2-Dichloroethane-d4	5.958	65	175146	47.714	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.420%		
32) Benzene-d6	5.976	84	546219	45.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.280%		
36) 1,2-Dichloropropane-d6	7.311	67	171990	47.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.080%		
41) Toluene-d8	8.646	98	489595	44.760	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.520%		
43) trans-1,3-Dichloroprop...	8.951	79	68671	42.982	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.960%		
47) 2-Hexanone-d5	9.384	63	149809	102.042	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.040%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	219641	49.057	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.120%		
66) 1,2-Dichlorobenzene-d4	12.323	152	186219	45.310	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.620%		
Target Compounds					Qvalue	
25) Chloroform	5.092	83	19341	3.417	ug/L	97
31) Carbon tetrachloride	5.677	117	13125	3.168	ug/L	96
33) Benzene	6.043	78	13498718	1069.864	ug/L	100
51) Chlorobenzene	10.085	112	12510451m	1450.620	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	968057	147.188	ug/L	99
65) 1,4-Dichlorobenzene	12.048	146	8423810	1251.671	ug/L	# 86
67) 1,2-Dichlorobenzene	12.341	146	9617114	1442.104	ug/L	# 84
70) 1,2,4-trichlorobenzene	13.591	180	1554299	408.246	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	353292	93.997	ug/L	100

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

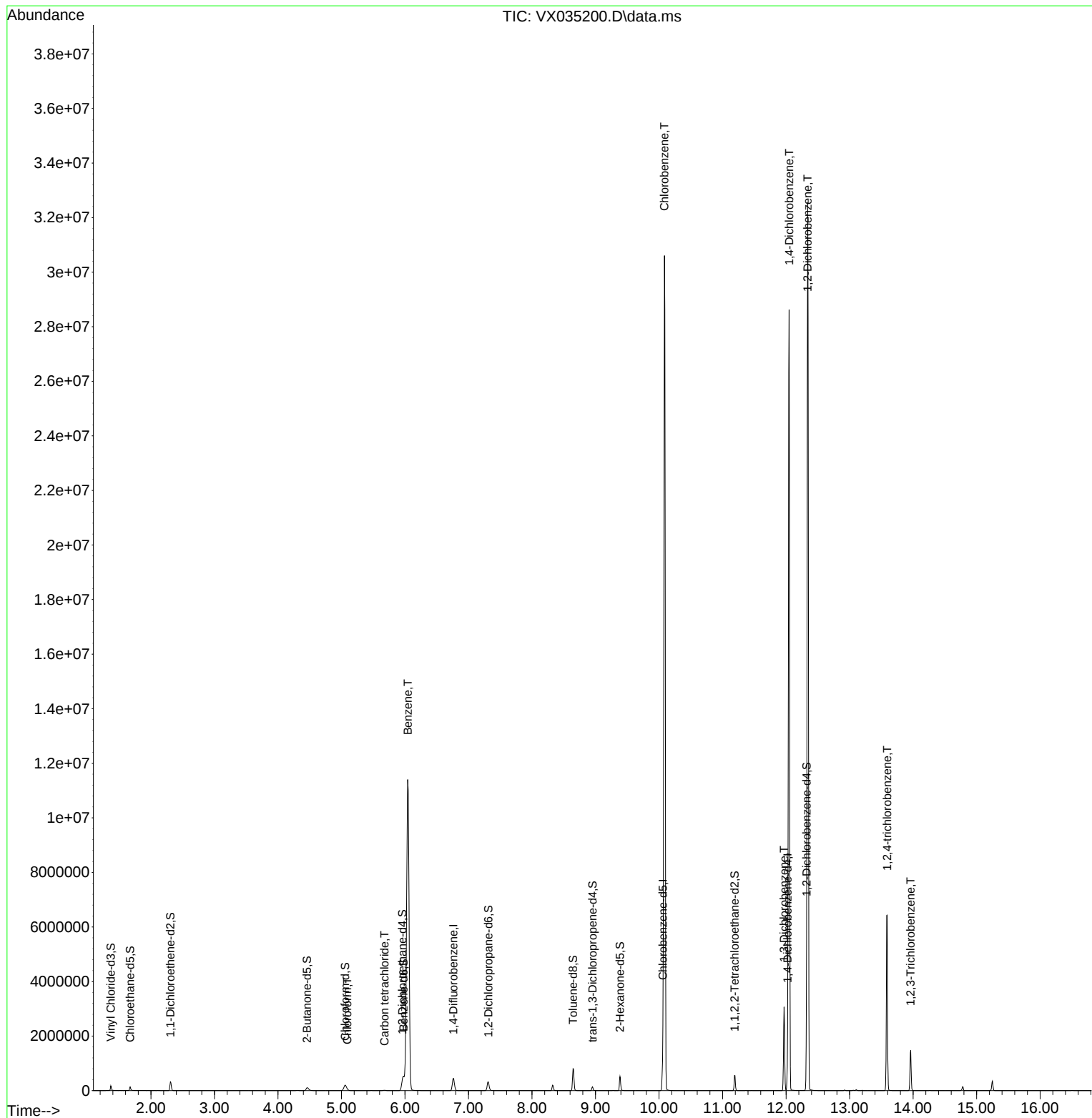
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
Data File : VX035200.D
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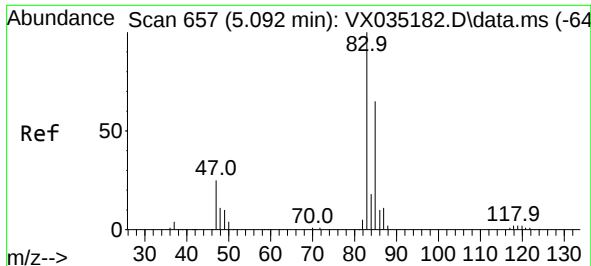
Instrument :
MSVOA_X
ClientSampleId :
COML1

Quant Time: Apr 20 05:11:34 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

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





#25

Chloroform

Concen: 3.417 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX035200.D

Acq: 20 Apr 2023 03:25

Instrument :

MSVOA_X

ClientSampleId :

COML1

Tgt Ion: 83 Resp: 1934

Ion Ratio Lower Upper

83 100

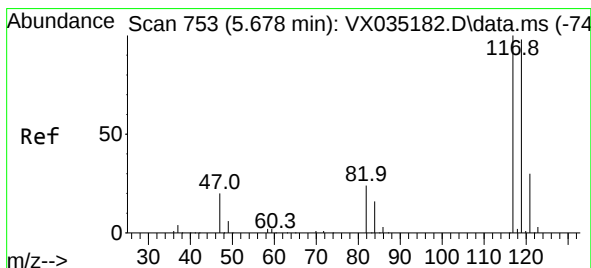
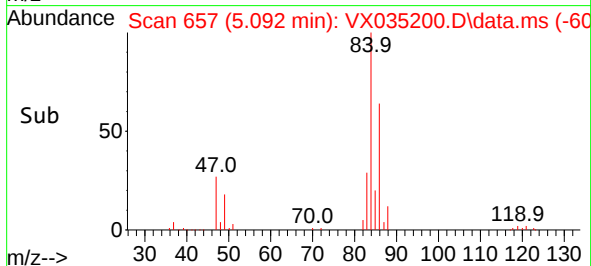
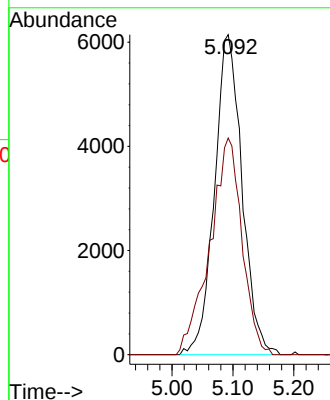
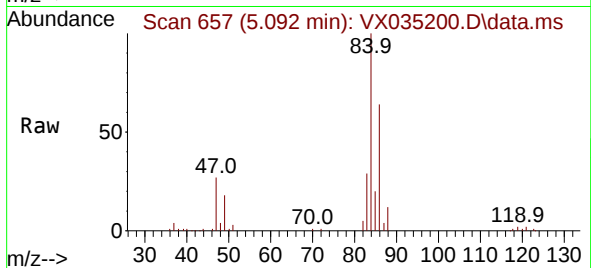
85 67.7 46.0 85.4

Manual Integrations

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#31

Carbon tetrachloride

Concen: 3.168 ug/L

RT: 5.677 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035200.D

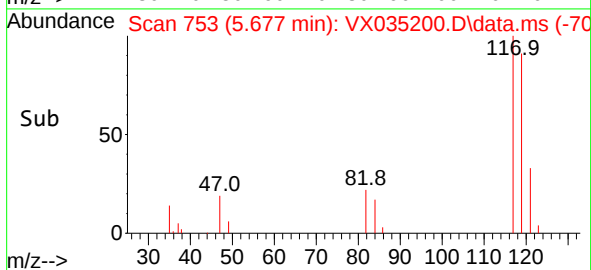
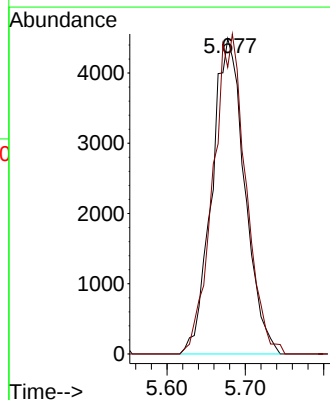
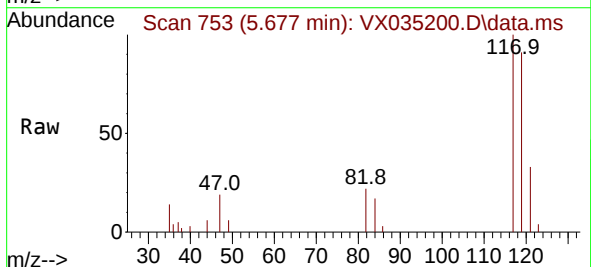
Acq: 20 Apr 2023 03:25

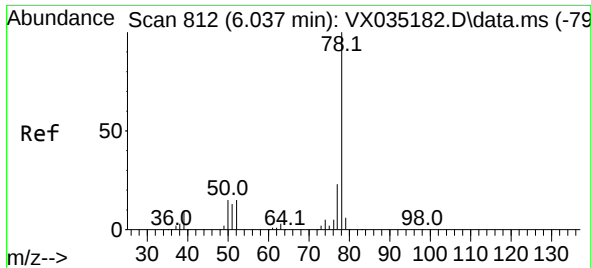
Tgt Ion:117 Resp: 13125

Ion Ratio Lower Upper

117 100

119 100.5 77.1 115.7





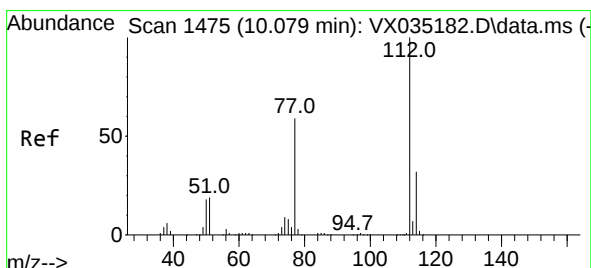
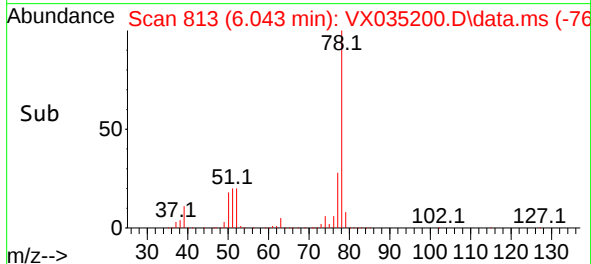
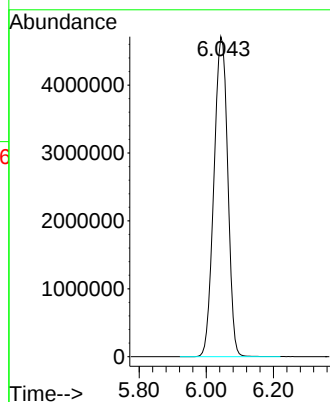
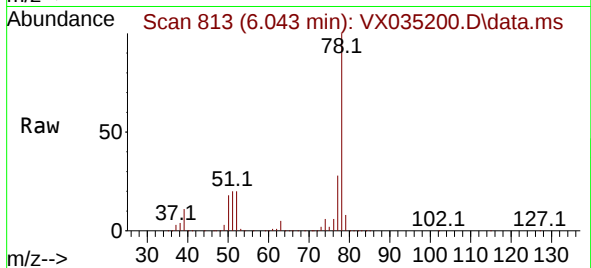
#33
Benzene
Concen: 1069.864 ug/L
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX035200.D
Acq: 20 Apr 2023 03:25

Instrument :
MSVOA_X
ClientSampleId :
COML1

Tgt Ion: 78 Resp:13498718

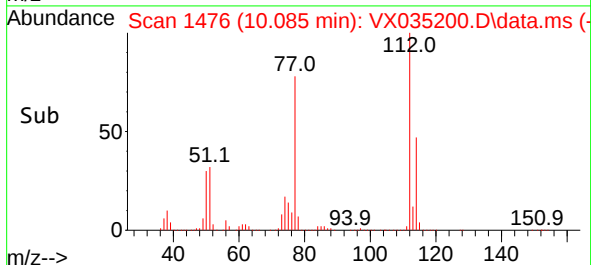
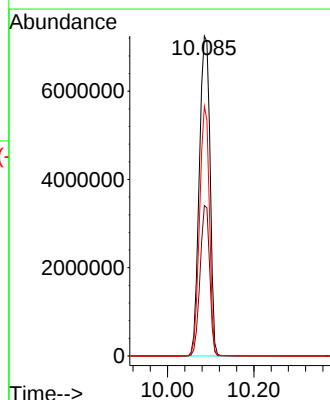
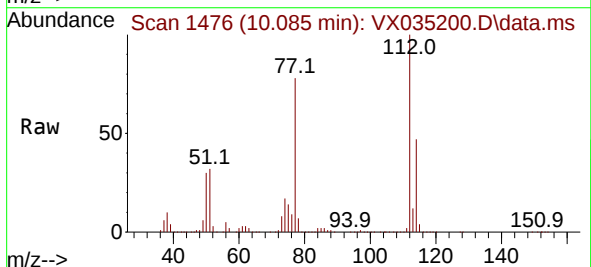
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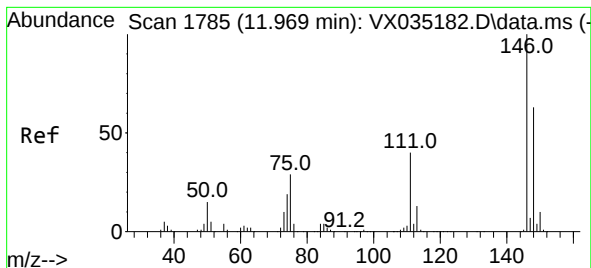
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023



#51
Chlorobenzene
Concen: 1450.620 ug/L m
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX035200.D
Acq: 20 Apr 2023 03:25

Tgt Ion:112 Resp:12510451
Ion Ratio Lower Upper
112 100
114 47.0 22.4 41.6#
77 78.1 47.0 70.6#





#64

1,3-Dichlorobenzene

Concen: 147.188 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX035200.D

Acq: 20 Apr 2023 03:25

Instrument :

MSVOA_X

ClientSampleId :

COML1

Tgt Ion:146 Resp: 96805

Ion Ratio Lower Upper

146 100

111 40.9 28.9 53.7

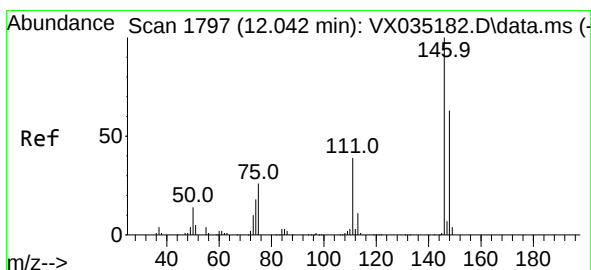
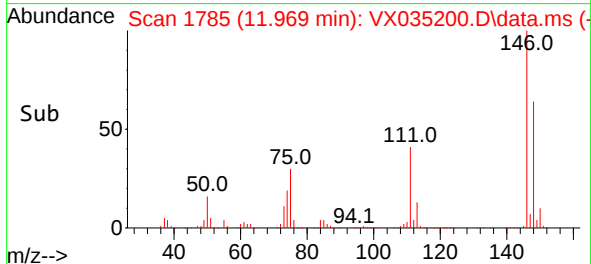
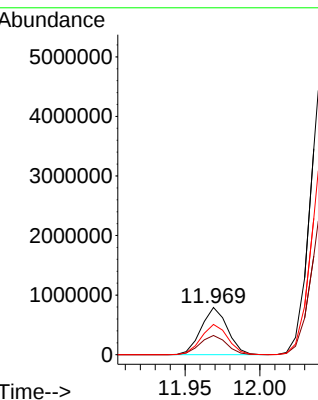
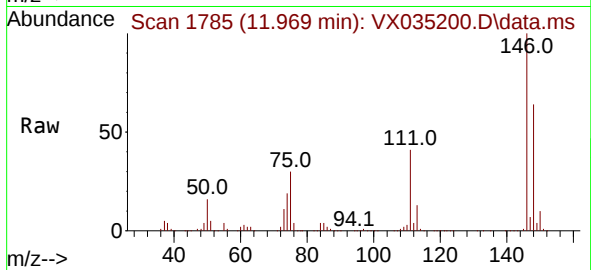
148 64.1 44.3 82.3

Manual Integrations

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Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/21/2023



#65

1,4-Dichlorobenzene

Concen: 1251.671 ug/L

RT: 12.048 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VX035200.D

Acq: 20 Apr 2023 03:25

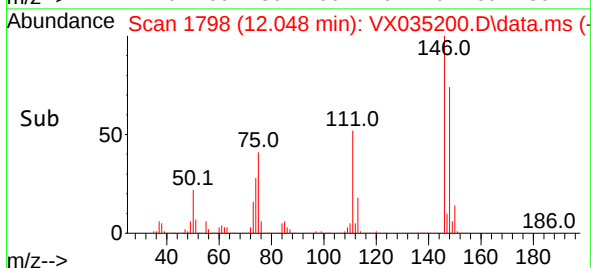
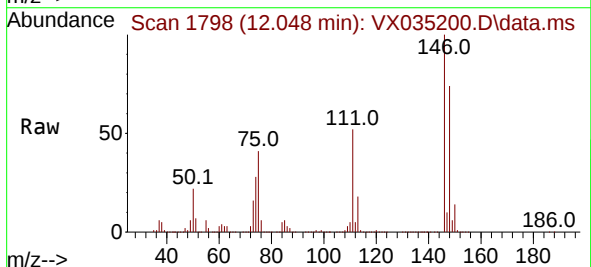
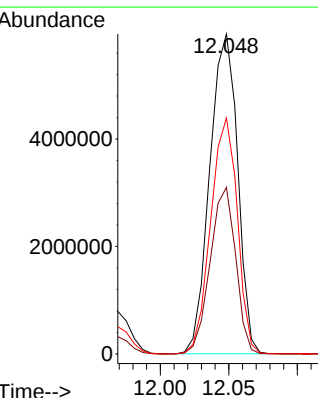
Tgt Ion:146 Resp: 8423810

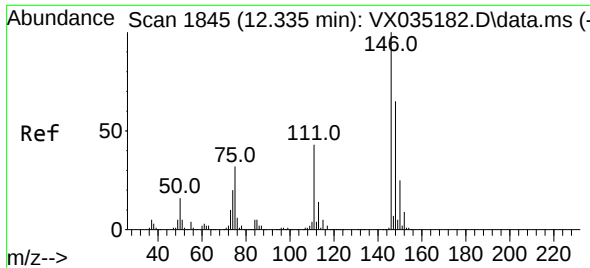
Ion Ratio Lower Upper

146 100

111 52.0 27.9 51.7#

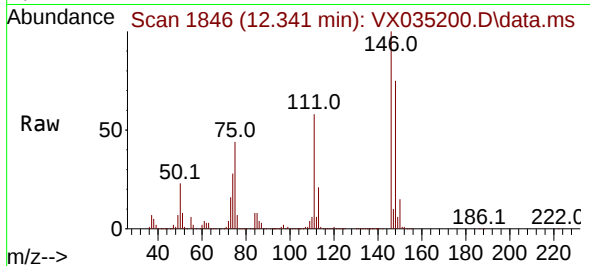
148 73.8 45.9 85.3





#67
1,2-Dichlorobenzene
Concen: 1442.104 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX035200.D
Acq: 20 Apr 2023 03:25

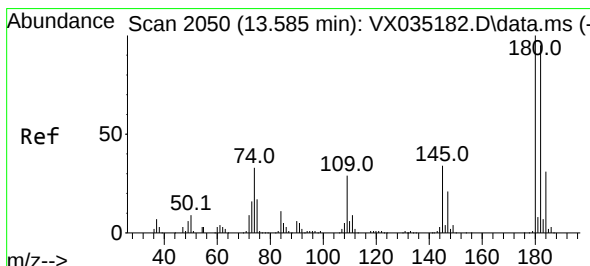
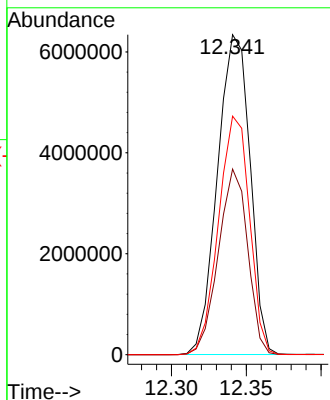
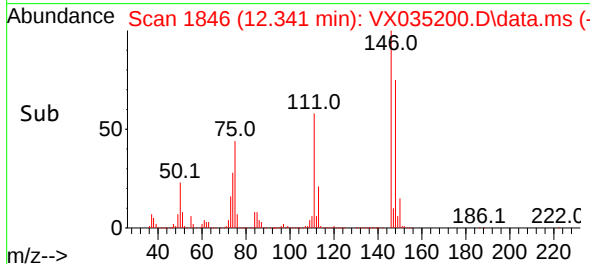
Instrument :
MSVOA_X
ClientSampleId :
COML1



Tgt Ion:146 Resp: 9617114
Ion Ratio Lower Upper
146 100
111 58.0 34.7 52.1
148 74.6 52.1 78.1

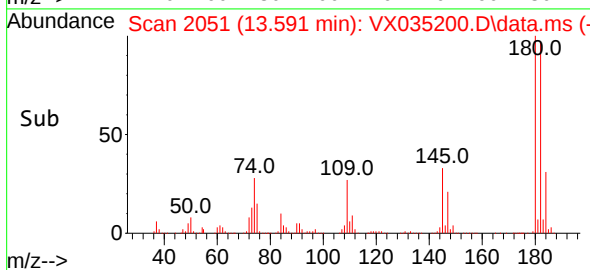
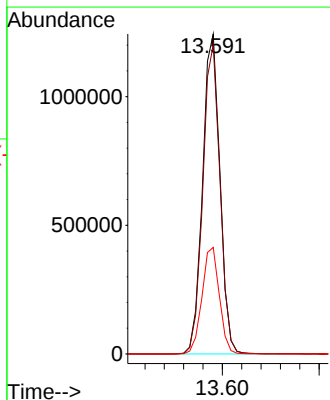
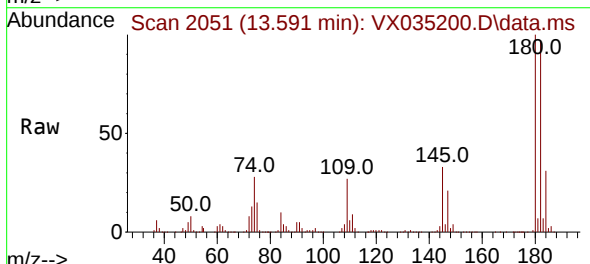
Manual Integrations
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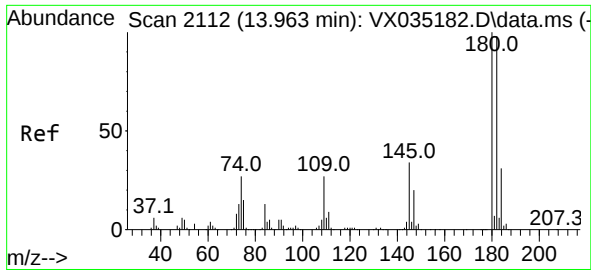
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/21/2023



#70
1,2,4-trichlorobenzene
Concen: 408.246 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035200.D
Acq: 20 Apr 2023 03:25

Tgt Ion:180 Resp: 1554299
Ion Ratio Lower Upper
180 100
182 95.5 76.6 114.8
145 33.3 26.2 39.4





#72

1,2,3-Trichlorobenzene

Concen: 93.997 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035200.D

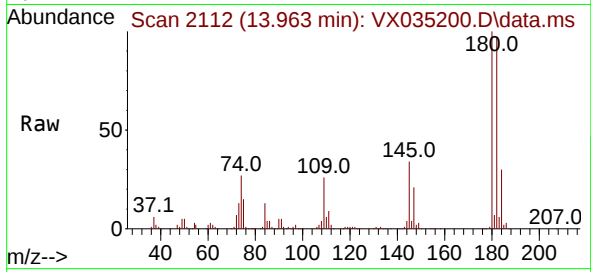
Acq: 20 Apr 2023 03:25

Instrument :

MSVOA_X

ClientSampleId :

COML1



Tgt Ion:180 Resp: 353292

Ion Ratio Lower Upper

180 100

182 94.0 75.0 112.6

145 34.0 27.1 40.7

Manual Integrations

APPROVED

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