

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035144.D
 Acq On : 18 Apr 2023 23:47
 Operator : JC/MD
 Sample : 02397-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMM0

Quant Time: Apr 19 01:39:07 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	501498	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	436964	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	216993	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	176365	54.541	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 109.080%			
7) Chloroethane-d5	1.672	69	136115	58.253	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.500%			
11) 1,1-Dichloroethene-d2	2.306	65	83003	53.646	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.300%			
21) 2-Butanone-d5	4.458	46	233711	108.455	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.460%			
24) Chloroform-d	5.056	84	319519	52.469	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.940%			
26) 1,2-Dichloroethane-d4	5.952	65	212644	54.377	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.760%			
32) Benzene-d6	5.976	84	697535	55.570	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.140%			
36) 1,2-Dichloropropane-d6	7.305	67	212146	55.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.660%			
41) Toluene-d8	8.647	98	633611	55.232	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.460%			
43) trans-1,3-Dichloroprop...	8.951	79	87844	52.424	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.840%			
47) 2-Hexanone-d5	9.384	63	173526	112.698	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.700%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	252694	53.813	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.620%			
66) 1,2-Dichlorobenzene-d4	12.323	152	227558m	54.115	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.240%			
Target Compounds						
13) Acetone	2.392	43	27699	17.331	ug/L	99
33) Benzene	6.037	78	355504	26.865	ug/L	100
51) Chlorobenzene	10.079	112	7168577	792.543	ug/L	88
64) 1,3-Dichlorobenzene	11.969	146	676065	100.465	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	2829817	410.955	ug/L	99
67) 1,2-Dichlorobenzene	12.341	146	10358899	1518.167	ug/L #	81
70) 1,2,4-trichlorobenzene	13.591	180	3348397	859.564	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	709228	184.424	ug/L	98

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

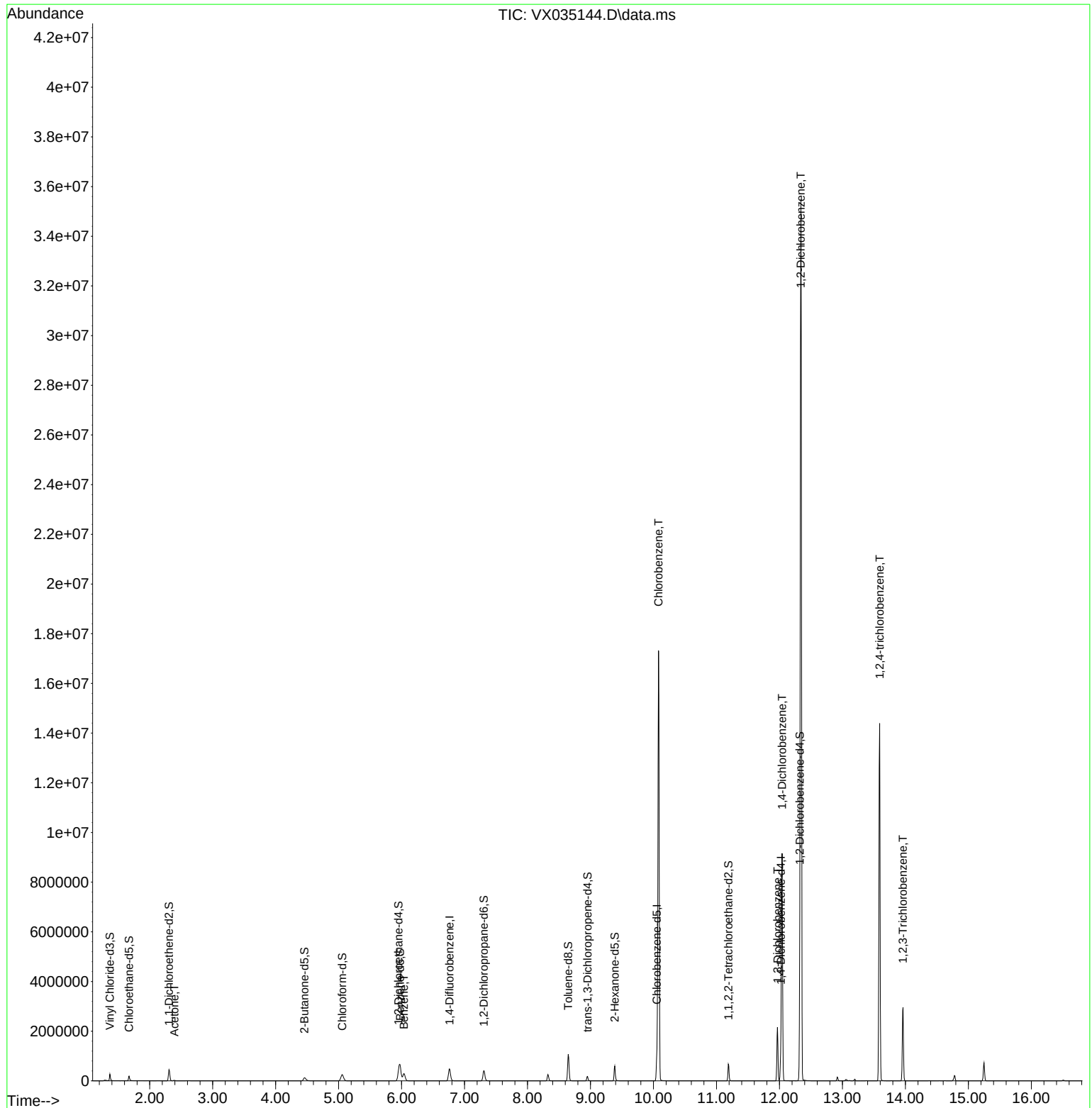
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
Data File : VX035144.D
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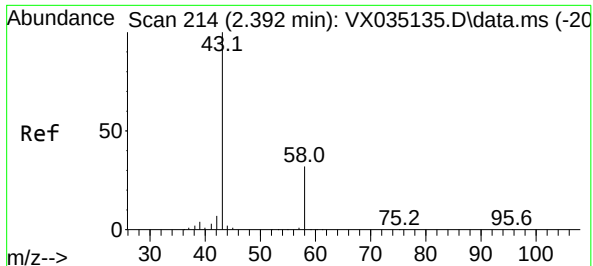
Instrument :
MSVOA_X
ClientSampleId :
COMM0

Quant Time: Apr 19 01:39:07 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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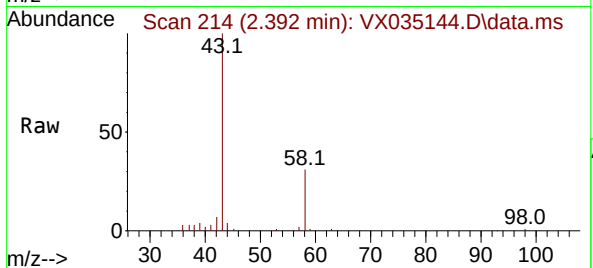
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023





#13
Acetone
Concen: 17.331 ug/L
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47

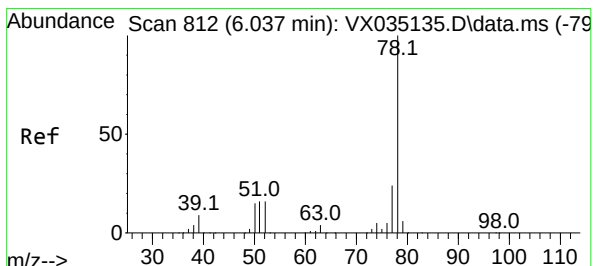
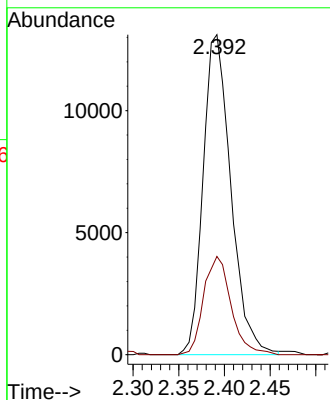
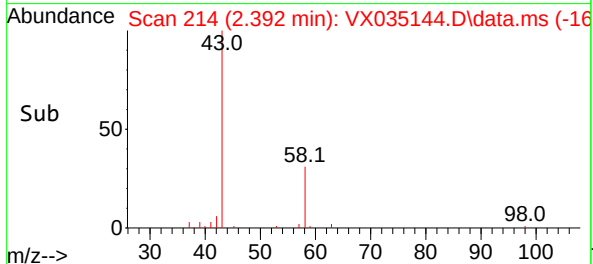
Instrument :
MSVOA_X
ClientSampleId :
COMM0



Tgt Ion: 43 Resp: 27699
Ion Ratio Lower Upper
43 100
58 30.3 0.0 62.0

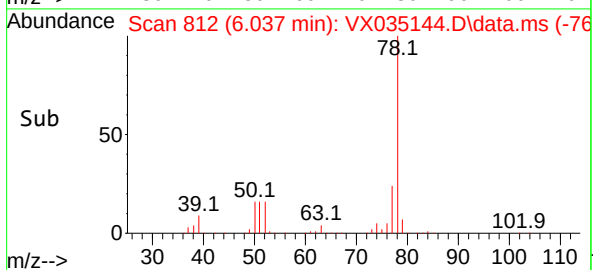
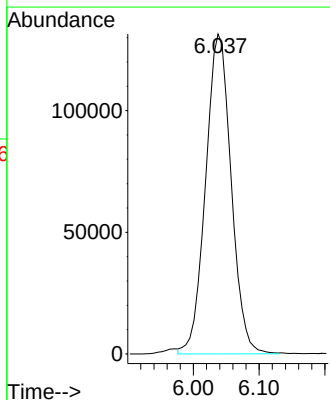
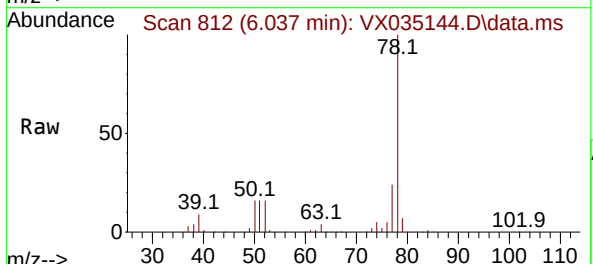
Manual Integrations
APPROVED

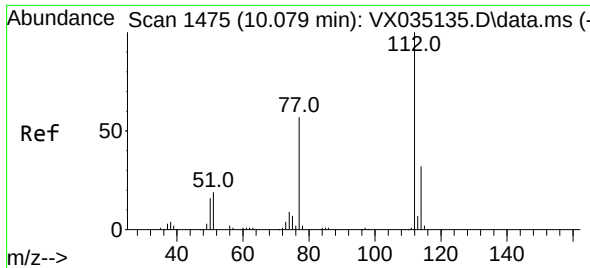
Reviewed By :John Carlone 04/19/2023
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#33
Benzene
Concen: 26.865 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47

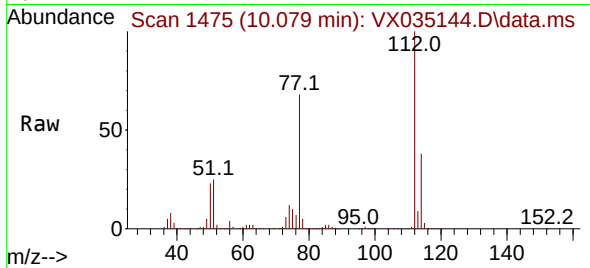
Tgt Ion: 78 Resp: 355504





#51
Chlorobenzene
Concen: 792.543 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47

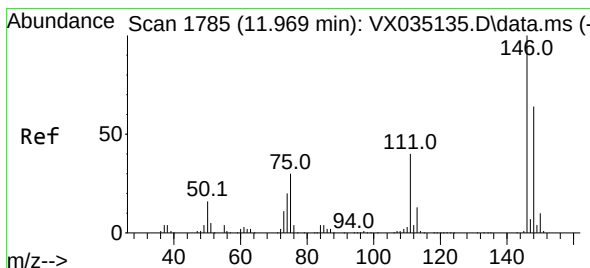
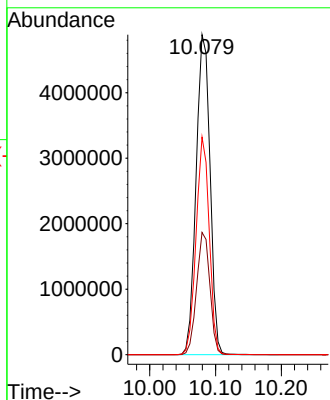
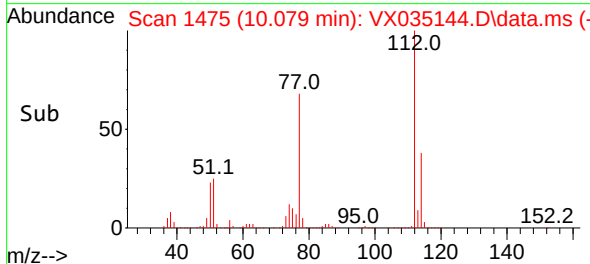
Instrument :
MSVOA_X
ClientSampleId :
COMMO



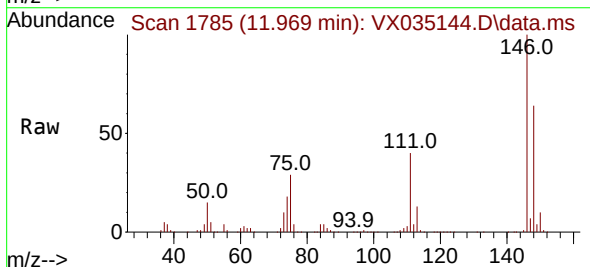
Tgt Ion:112 Resp: 716857
Ion Ratio Lower Upper
112 100
114 38.2 22.4 41.6
77 68.0 47.0 70.6

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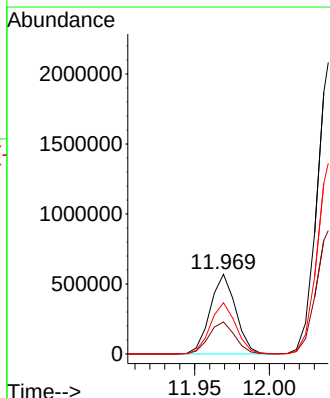
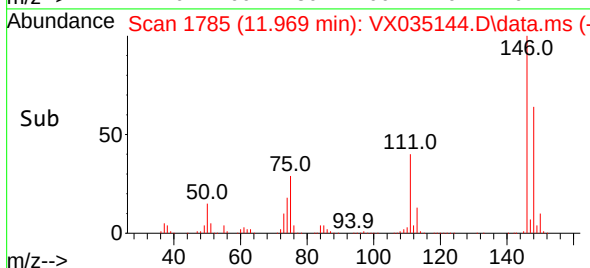
Reviewed By :John Carlone 04/19/2023
Supervised By :Mahesh Dadoda 04/19/2023

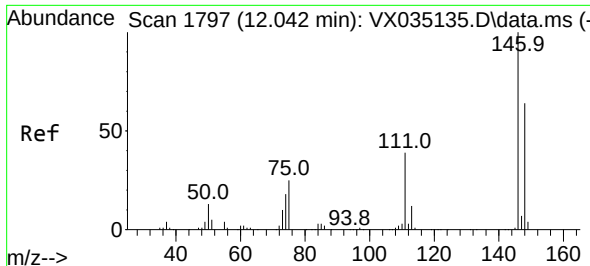


#64
1,3-Dichlorobenzene
Concen: 100.465 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47



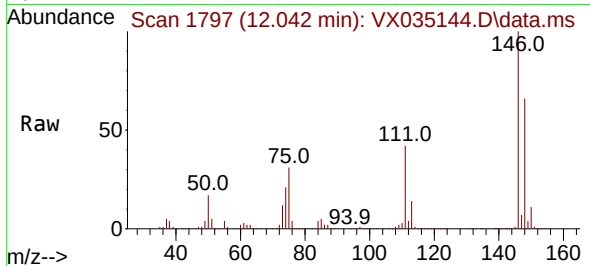
Tgt Ion:146 Resp: 676065
Ion Ratio Lower Upper
146 100
111 40.2 28.9 53.7
148 64.3 44.3 82.3





#65
1,4-Dichlorobenzene
Concen: 410.955 ug/L
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47

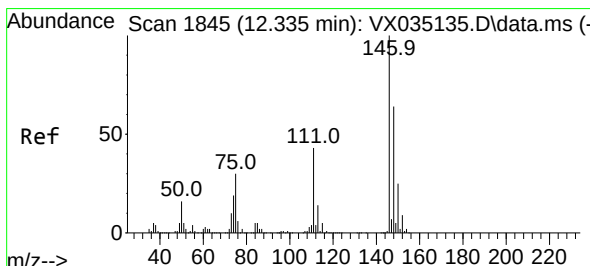
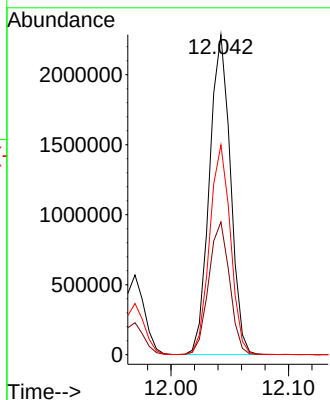
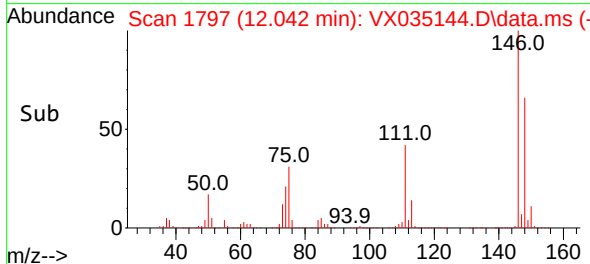
Instrument :
MSVOA_X
ClientSampleId :
COMM0



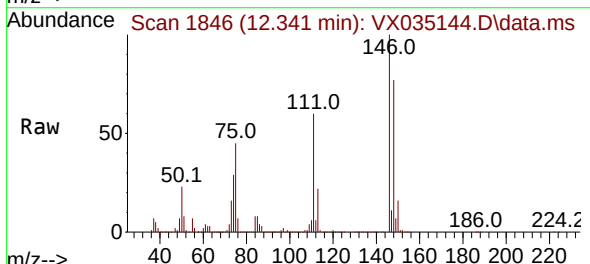
Tgt Ion:146 Resp: 282981
Ion Ratio Lower Upper
146 100
111 41.5 27.9 51.7
148 65.6 45.9 85.3

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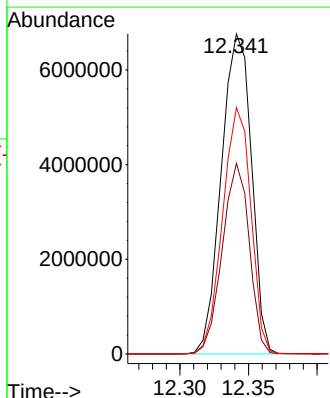
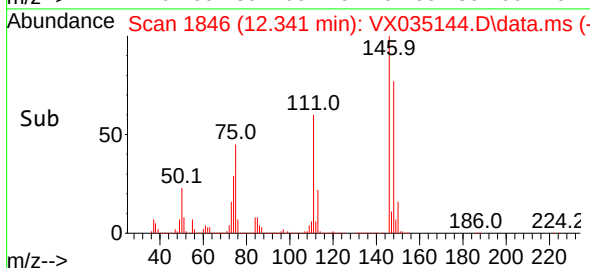
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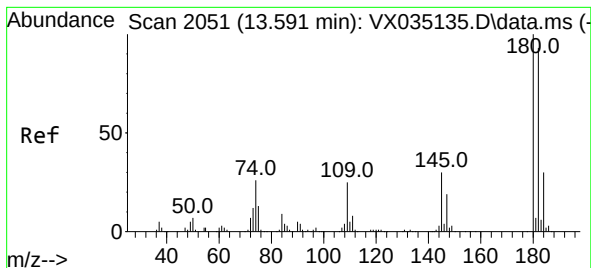


#67
1,2-Dichlorobenzene
Concen: 1518.167 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX035144.D
Acq: 18 Apr 2023 23:47



Tgt Ion:146 Resp:10358899
Ion Ratio Lower Upper
146 100
111 59.6 34.7 52.1#
148 77.0 52.1 78.1





#70

1,2,4-trichlorobenzene

Concen: 859.564 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX035144.D

Acq: 18 Apr 2023 23:47

Instrument :

MSVOA_X

ClientSampleId :

COMM0

Tgt Ion:180 Resp: 334839

Ion Ratio Lower Upper

180 100

182 95.0 76.6 114.8

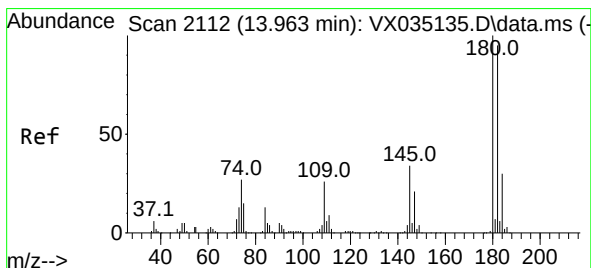
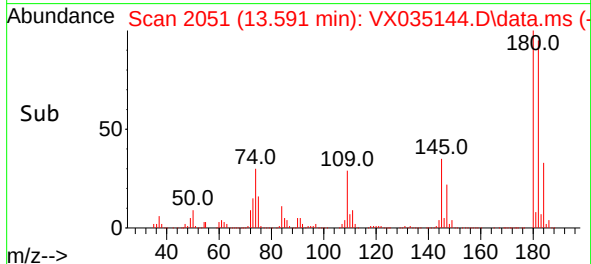
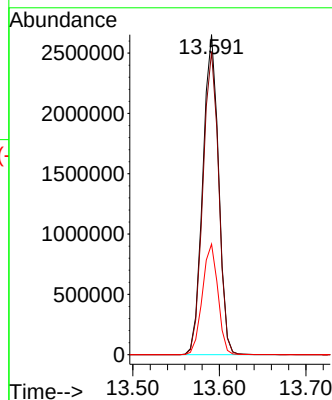
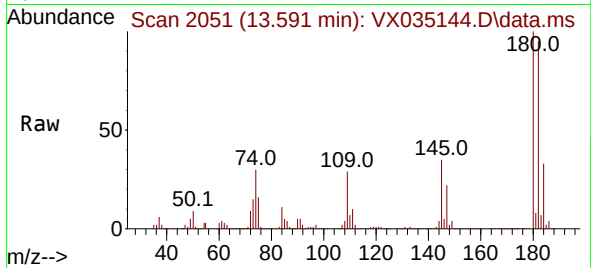
145 34.0 26.2 39.4

Manual Integrations

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#72

1,2,3-Trichlorobenzene

Concen: 184.424 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035144.D

Acq: 18 Apr 2023 23:47

Tgt Ion:180 Resp: 709228

Ion Ratio Lower Upper

180 100

182 95.8 75.0 112.6

145 34.9 27.1 40.7

