

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX040973.D
 Acq On : 11 Apr 2024 12:50
 Operator : JC/MD
 Sample : P2048-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MC0R47

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/12/2024
 Supervised By :Semsettin Yesilyurt 04/12/2024

Quant Time: Apr 12 01:46:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	301938	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.073	117	300966	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	12.024	152	166071	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	98147	45.701	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.400%		
7) Chloroethane-d5	1.666	69	84552	48.274	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.540%		
11) 1,1-Dichloroethene-d2	2.307	65	42750	46.625	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.240%		
21) 2-Butanone-d5	4.459	46	115153	98.435	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.430%		
24) Chloroform-d	5.056	84	185598	46.317	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.640%		
26) 1,2-Dichloroethane-d4	5.989	65	132374	50.785	ug/L	0.04
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.580%		
32) Benzene-d6	5.995	84	394991	48.342	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.680%		
36) 1,2-Dichloropropane-d6	7.312	67	108038	45.337	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.680%		
41) Toluene-d8	8.647	98	354956	44.467	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.940%		
43) trans-1,3-Dichloroprop...	8.952	79	52444	43.732	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.460%		
47) 2-Hexanone-d5	9.385	63	87536	87.126	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.130%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	144135	40.832	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.660%		
66) 1,2-Dichlorobenzene-d4	12.323	152	159496	47.877	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.760%		
Target Compounds						
12) 1,1-Dichloroethene	2.319	96	6915	3.813	ug/L #	1
29) Cyclohexane	5.477	56	5515	1.829	ug/L #	94
33) Benzene	6.062	78	50345246m	6447.439	ug/L	
51) Chlorobenzene	10.092	112	26382129m	4353.340	ug/L	
64) 1,3-Dichlorobenzene	11.969	146	769728	151.093	ug/L	98
65) 1,4-Dichlorobenzene	12.049	146	10518173	2011.215	ug/L #	75
67) 1,2-Dichlorobenzene	12.341	146	6472402	1309.694	ug/L	93
70) 1,2,4-trichlorobenzene	13.585	180	218524	59.106	ug/L	100

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

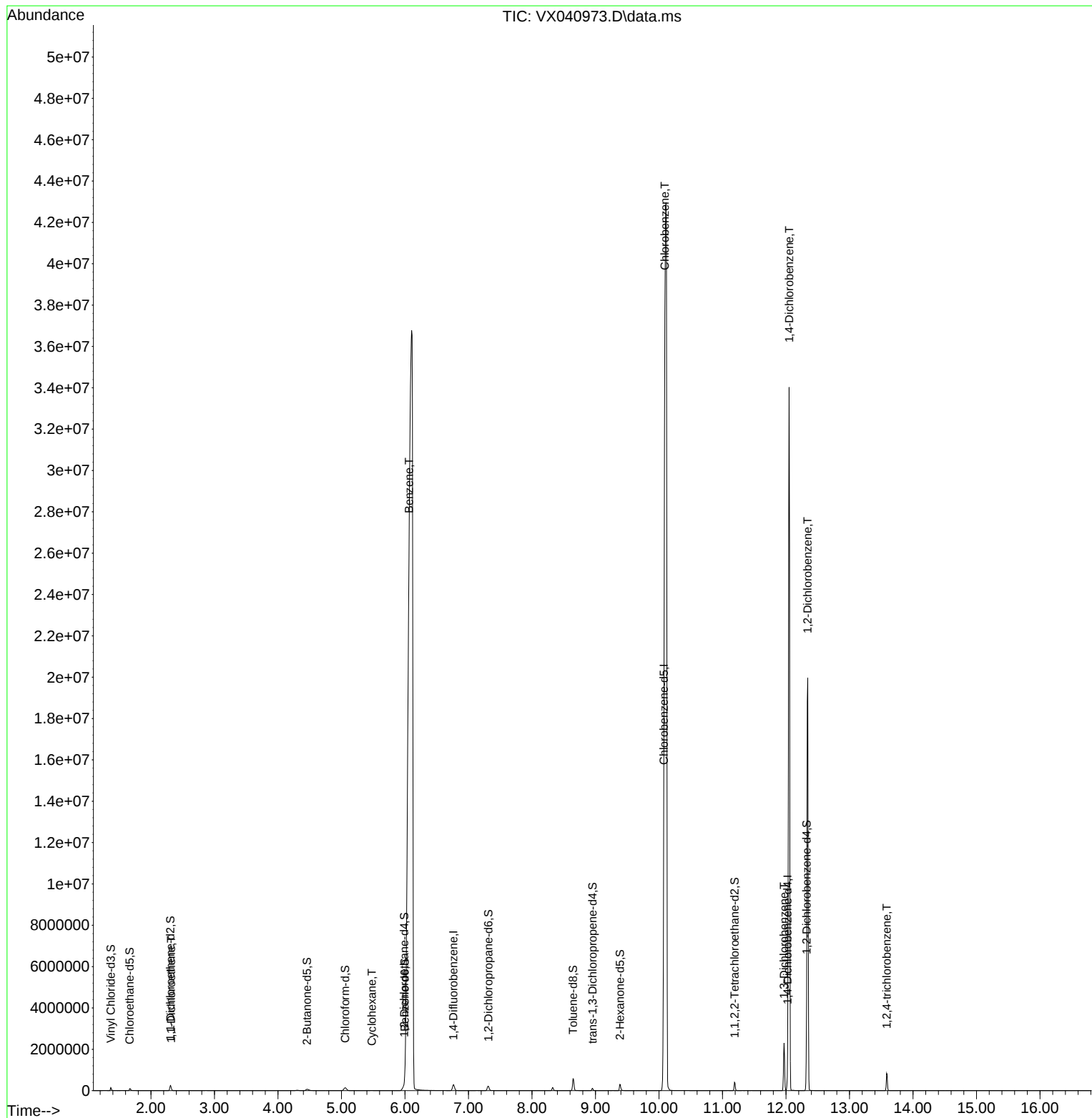
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
Data File : VX040973.D
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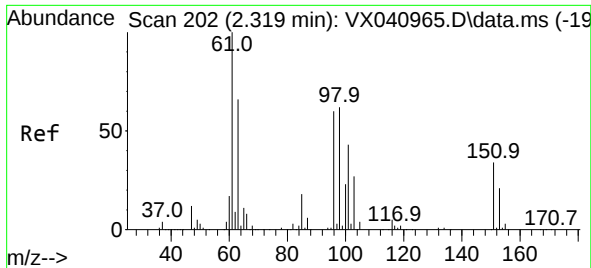
Instrument :
MSVOA_X
ClientSampleId :
MC0R47

Quant Time: Apr 12 01:46:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:36:34 2024
Response via : Initial Calibration

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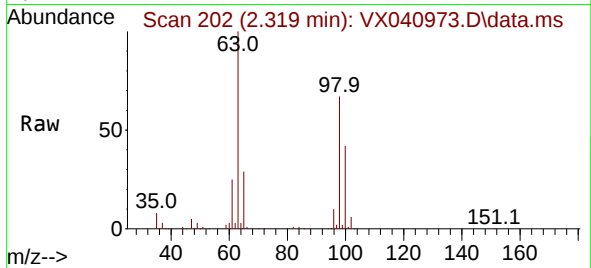
Reviewed By : John Carlone 04/12/2024
Supervised By : Semsettin Yesilyurt 04/12/2024





#12
1,1-Dichloroethene
Concen: 3.813 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040973.D
Acq: 11 Apr 2024 12:50

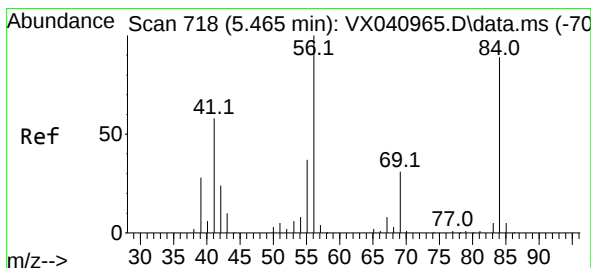
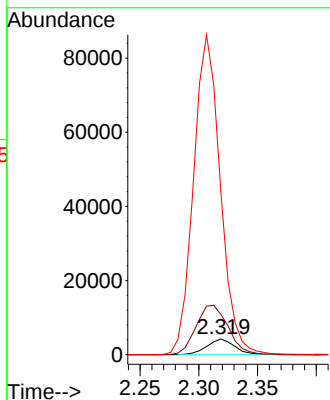
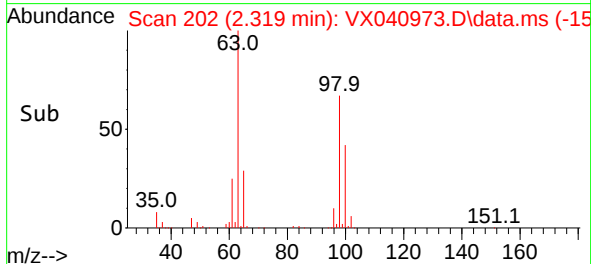
Instrument :
MSVOA_X
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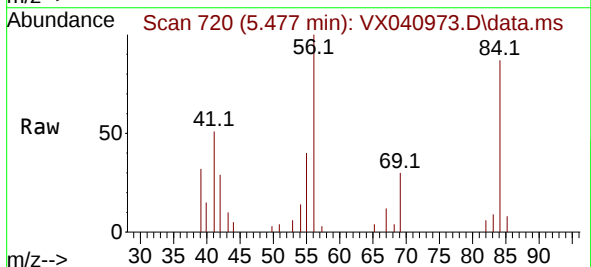
Tgt Ion: 96 Resp: 6915
Ion Ratio Lower Upper
96 100
61 256.9 113.6 211.0
63 1036.8 89.3 165.9

Manual Integrations
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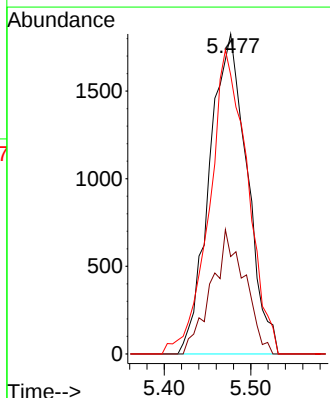
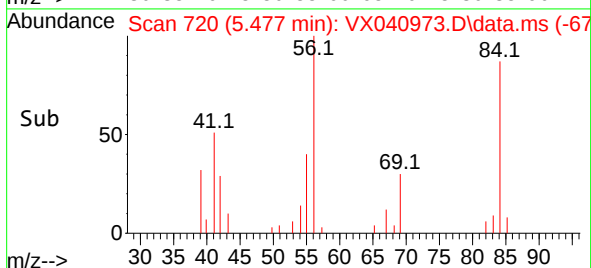
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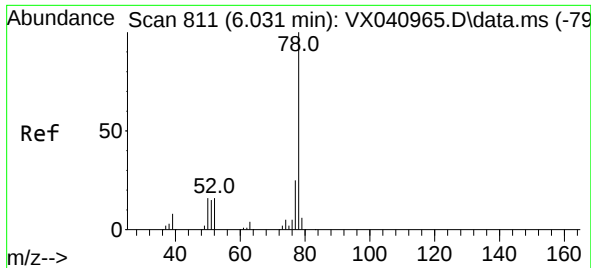


#29
Cyclohexane
Concen: 1.829 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX040973.D
Acq: 11 Apr 2024 12:50



Tgt Ion: 56 Resp: 5515
Ion Ratio Lower Upper
56 100
69 22.0 25.0 37.4
84 96.1 74.9 112.3





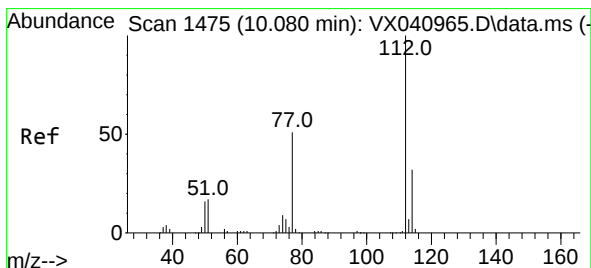
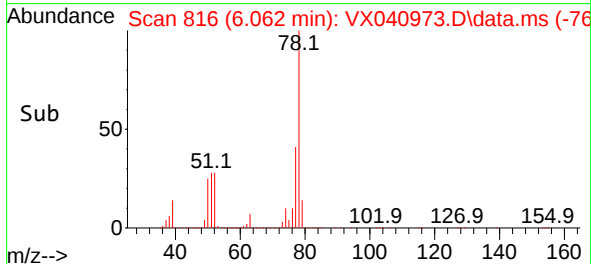
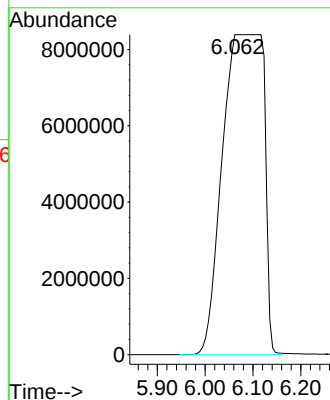
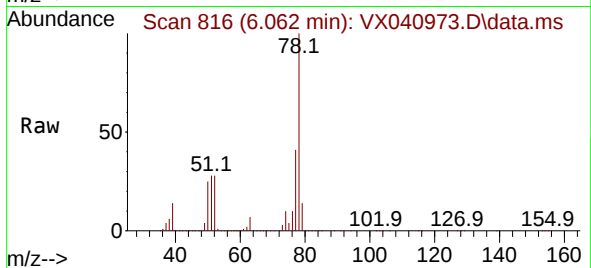
#33
Benzene
Concen: 6447.439 ug/L m
RT: 6.062 min Scan# 811
Delta R.T. 0.024 min
Lab File: VX040973.D
Acq: 11 Apr 2024 12:50

Instrument :
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Tgt Ion: 78 Resp:50345240

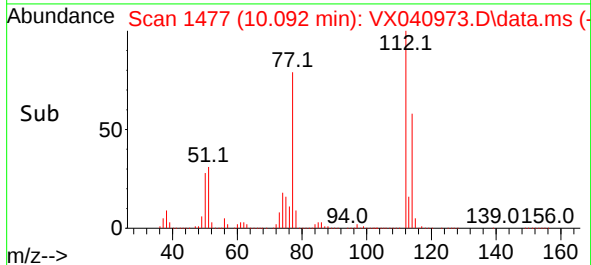
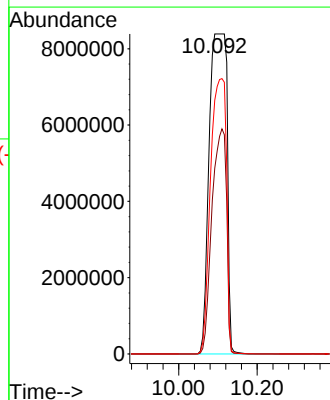
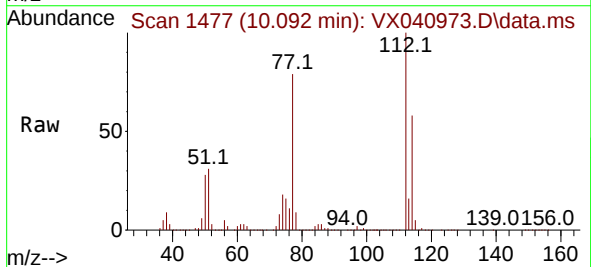
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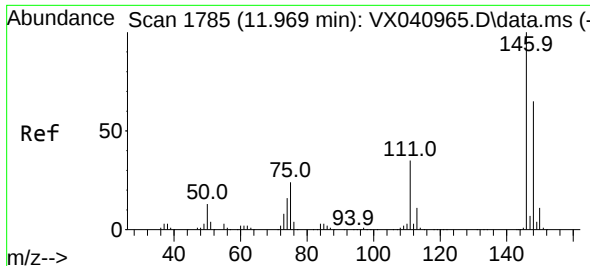
Reviewed By :John Carlone 04/12/2024
Supervised By :Semsettin Yesilyurt 04/12/2024



#51
Chlorobenzene
Concen: 4353.340 ug/L m
RT: 10.092 min Scan# 1477
Delta R.T. 0.012 min
Lab File: VX040973.D
Acq: 11 Apr 2024 12:50

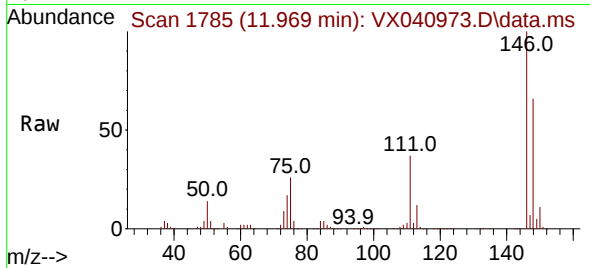
Tgt Ion:112 Resp:26382129
Ion Ratio Lower Upper
112 100
114 58.0 23.0 42.8#
77 79.3 43.4 65.0#





#64
1,3-Dichlorobenzene
Concen: 151.093 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX040973.D
Acq: 11 Apr 2024 12:50

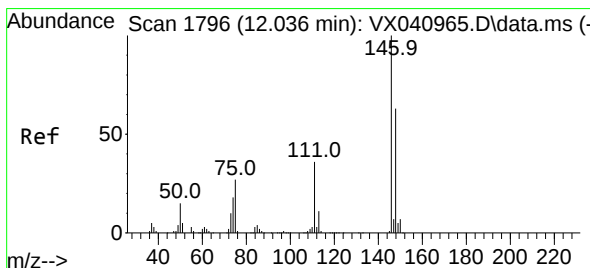
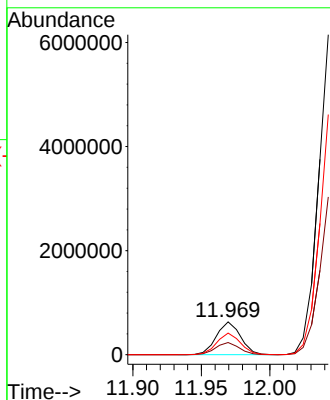
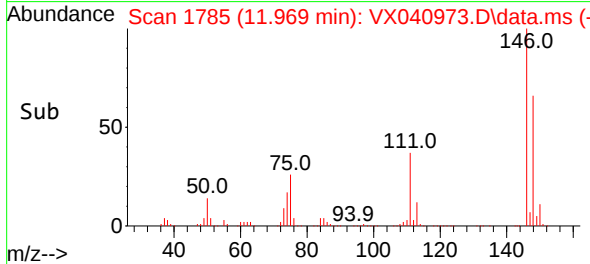
Instrument :
MSVOA_X
ClientSampleId :
MC0R47



Tgt Ion:146 Resp: 769728
Ion Ratio Lower Upper
146 100
111 37.1 25.3 47.1
148 65.9 44.7 82.9

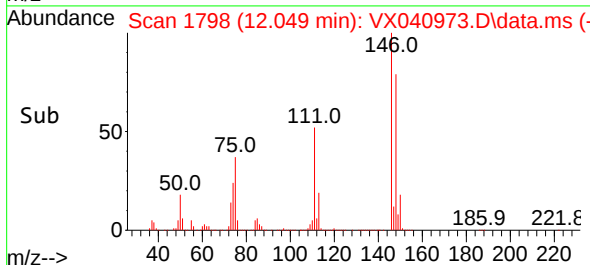
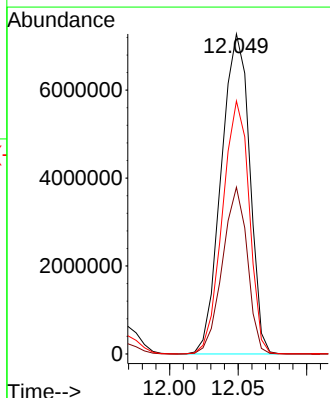
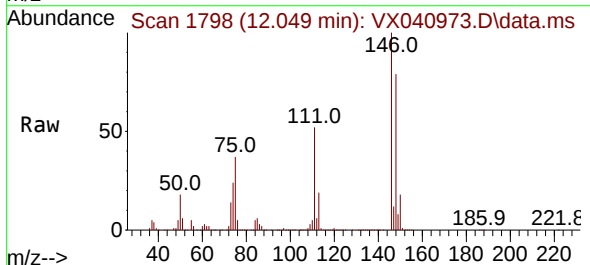
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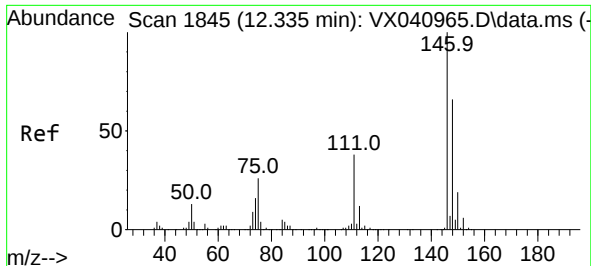
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#65
1,4-Dichlorobenzene
Concen: 2011.215 ug/L
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX040973.D
Acq: 11 Apr 2024 12:50

Tgt Ion:146 Resp:10518173
Ion Ratio Lower Upper
146 100
111 52.1 23.4 43.6#
148 79.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 1309.694 ug/L

RT: 12.341 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040973.D

Acq: 11 Apr 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MC0R47

Tgt Ion:146 Resp: 647240

Ion Ratio Lower Upper

146 100

111 44.7 31.8 47.8

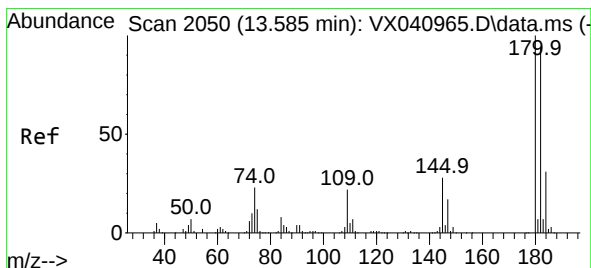
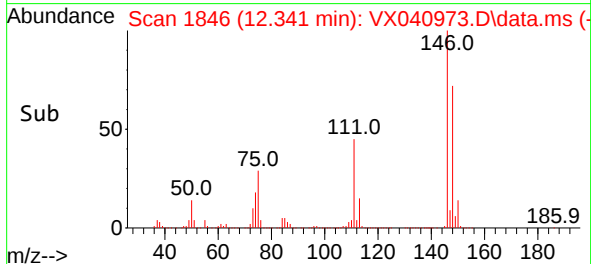
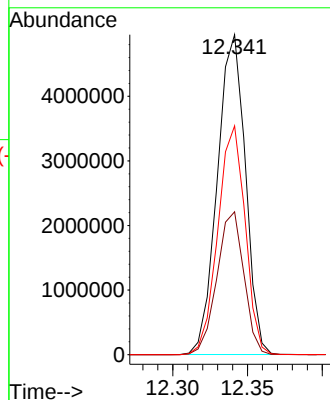
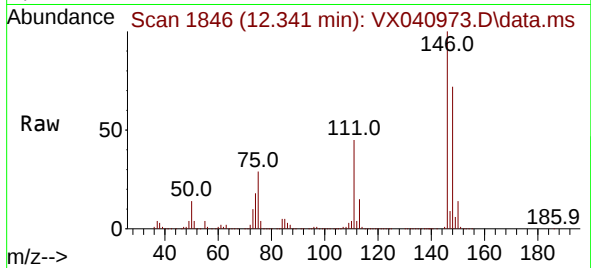
148 71.5 53.2 79.8

Manual Integrations

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#70

1,2,4-trichlorobenzene

Concen: 59.106 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX040973.D

Acq: 11 Apr 2024 12:50

Tgt Ion:180 Resp: 218524

Ion Ratio Lower Upper

180 100

182 96.6 76.8 115.2

145 27.8 22.3 33.5

