

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030120.D
 Acq On : 19 Jul 2022 16:43
 Operator : JC/MD
 Sample : N3670-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT2-2022-03

Quant Time: Jul 20 08:55:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:48:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	265565	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	240227	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	115381	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	94003	45.381	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.760%
7) Chloroethane-d5	1.666	69	73509	51.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.560%
11) 1,1-Dichloroethene-d2	2.306	63	151797	37.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.780%
21) 2-Butanone-d5	4.458	46	224883	110.393	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.390%
24) Chloroform-d	5.062	84	201062	47.809	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.620%
26) 1,2-Dichloroethane-d4	5.958	65	132466	50.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.700%
32) Benzene-d6	5.976	84	441413	49.919	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	7.312	67	146495	51.662	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.320%
41) Toluene-d8	8.653	98	391694	48.548	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.100%
43) trans-1,3-Dichloroprop...	8.952	79	58866	48.882	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.760%
47) 2-Hexanone-d5	9.384	63	155918	109.647	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.650%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	197168	52.107	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.220%
66) 1,2-Dichlorobenzene-d4	12.323	152	141485	52.899	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	4902	2.204	ug/L	96
3) Chloromethane	1.288	50	4815	2.423	ug/L	96
5) Vinyl chloride	1.374	62	4606	2.223	ug/L #	61
6) Bromomethane	1.605	94	2642	2.827	ug/L	90
8) Chloroethane	1.685	64	2597	2.271	ug/L	83
9) Trichlorofluoromethane	1.886	101	5943	2.216	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	5904	3.114	ug/L #	79
12) 1,1-Dichloroethene	2.313	96	5413	2.961	ug/L #	1
13) Acetone	2.386	43	5968	5.263	ug/L	93
14) Carbon disulfide	2.508	76	11867	2.307	ug/L	96
15) Methyl Acetate	2.709	43	6609	2.559	ug/L	96
16) Methylene chloride	2.788	84	7245	3.283	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	4337	2.229	ug/L	98
18) Methyl tert-butyl Ether	3.117	73	13359	2.229	ug/L	96
19) 1,1-Dichloroethane	3.611	63	8017	2.254	ug/L	96
20) cis-1,2-Dichloroethene	4.495	96	4899	2.169	ug/L	96
22) 2-Butanone	4.568	43	9014m	4.649	ug/L	
23) Bromochloromethane	4.904	128	2465m	2.193	ug/L	
27) 1,2-Dichloroethane	6.098	62	6487	2.340	ug/L #	83

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
29) Cyclohexane	5.477	56	7098	2.154	ug/L	#	23
30) 1,1,1-Trichloroethane	5.391	97	6482	2.193	ug/L	#	77
31) Carbon tetrachloride	5.678	117	5150	2.115	ug/L		97
33) Benzene	6.037	78	17723	2.119	ug/L		100
35) Methylcyclohexane	7.385	83	7403	2.196	ug/L		96
37) 1,2-Dichloropropane	7.434	63	5119	2.338	ug/L		98
38) Bromodichloromethane	7.824	83	5433	2.028	ug/L	#	91
39) cis-1,3-Dichloropropene	8.366	75	6725m	2.149	ug/L		100
40) 4-Methyl-2-pentanone	8.580	43	15117	4.245	ug/L		97
42) Toluene	8.720	91	19731	2.272	ug/L		91
44) trans-1,3-Dichloropropene	8.982	75	6580	2.245	ug/L		92
45) 1,1,2-Trichloroethane	9.159	97	5131	2.449	ug/L		80
46) Tetrachloroethene	9.275	164	3516	2.265	ug/L		95
49) Dibromochloromethane	9.525	129	4344	2.072	ug/L		88
50) 1,2-Dibromoethane	9.616	107	4849	2.180	ug/L		91
51) Chlorobenzene	10.079	112	12106	2.218	ug/L		95
52) Ethylbenzene	10.195	91	18802	2.031	ug/L		98
53) m,p-Xylene	10.305	106	7246	2.008	ug/L		89
54) o-Xylene	10.646	106	7437	2.122	ug/L		90
55) Styrene	10.659	104	11742	1.945	ug/L		100
57) 1,1,2,2-Tetrachloroethane	11.213	83	8507	2.573	ug/L	#	89
59) Bromoform	10.799	173	2759	2.047	ug/L		96
60) Isopropylbenzene	10.963	105	17666	2.089	ug/L		99
61) 1,2,3-Trichloropropane	11.244	75	6188	2.418	ug/L		98
62) 1,3,5-Trimethylbenzene	11.451	105	14286	2.044	ug/L		95
63) 1,2,4-Trimethylbenzene	11.756	105	13786	1.979	ug/L		97
64) 1,3-Dichlorobenzene	11.975	146	8395	2.257	ug/L		94
65) 1,4-Dichlorobenzene	12.042	146	9109	2.436	ug/L		91
67) 1,2-Dichlorobenzene	12.335	146	9431	2.492	ug/L		90
68) 1,2-Dibromo-3-chloropr...	12.951	75	1618	2.105	ug/L		90
69) 1,3,5-Trichlorobenzene	13.115	180	5306	2.113	ug/L		96
70) 1,2,4-trichlorobenzene	13.591	180	5303	2.405	ug/L		94
71) Naphthalene	13.780	128	18711	2.075	ug/L		98
72) 1,2,3-Trichlorobenzene	13.963	180	5247	2.240	ug/L		97

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

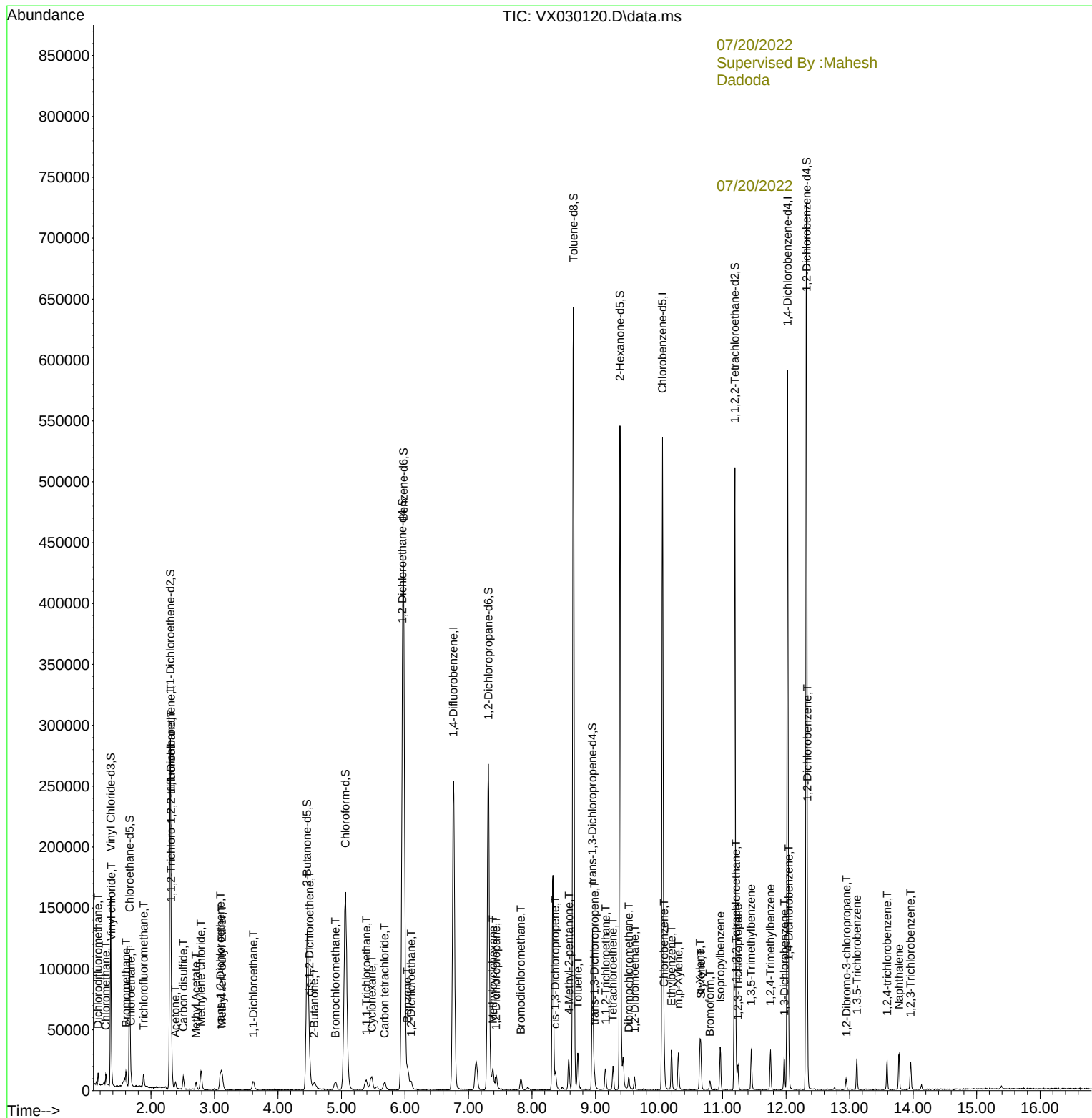
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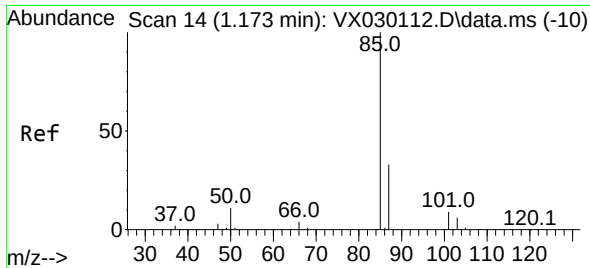
Instrument :
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APPROVED

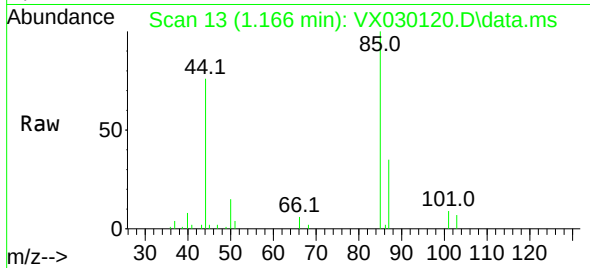
Reviewed By :John
Carlone





#2
 Dichlorodifluoromethane
 Concen: 2.204 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX030120.D
 Acq: 19 Jul 2022 16:43

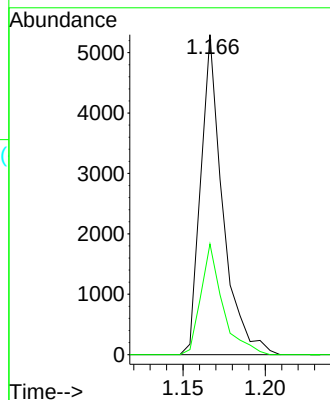
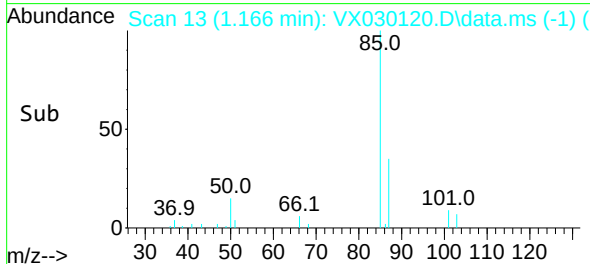
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-QT2-2022-03



Tgt Ion: 85 Resp: 4902
 Ion Ratio Lower Upper
 85 100
 87 34.5 25.7 38.5

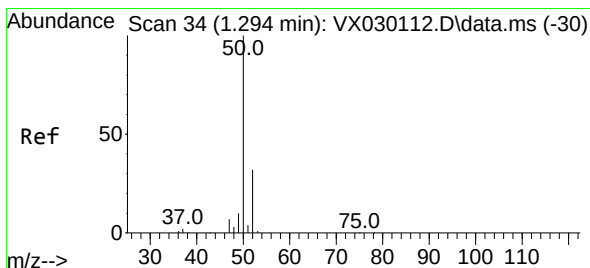
Manual Integrations
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Reviewed By :John
 Carlone



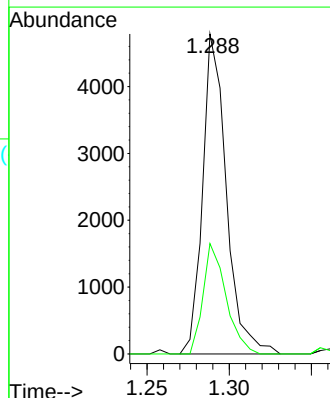
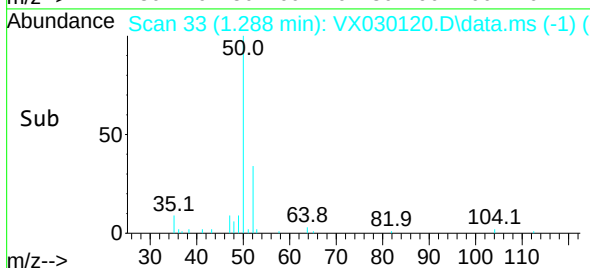
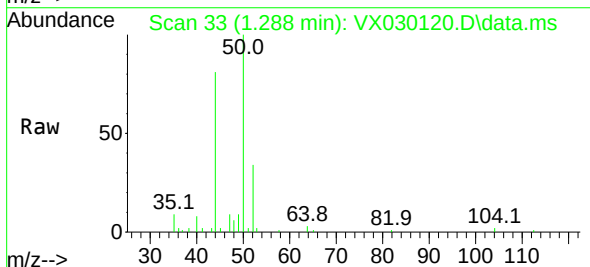
07/20/2022
 Supervised By :Mahesh
 Dadoda

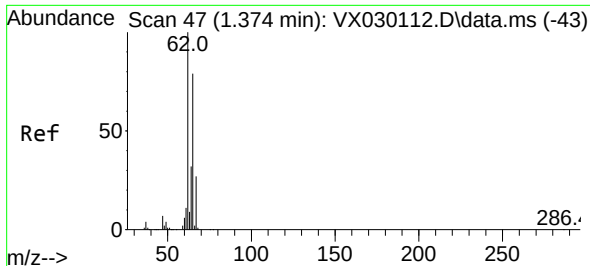
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#3
 Chloromethane
 Concen: 2.423 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VX030120.D
 Acq: 19 Jul 2022 16:43

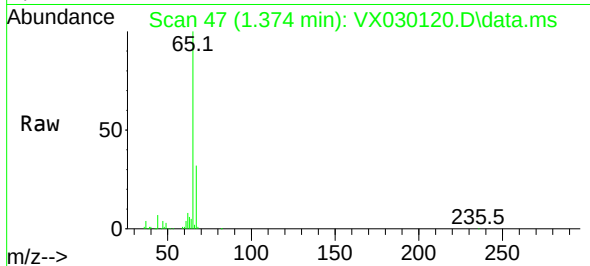
Tgt Ion: 50 Resp: 4815
 Ion Ratio Lower Upper
 50 100
 52 34.5 22.6 42.0





#5
 Vinyl chloride
 Concen: 2.223 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030120.D
 Acq: 19 Jul 2022 16:43

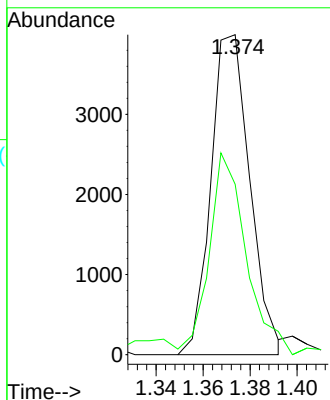
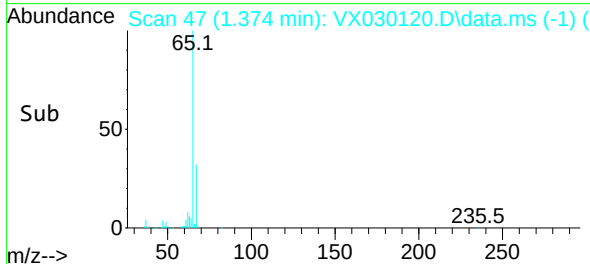
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-QT2-2022-03



Tgt Ion: 62 Resp: 4600
 Ion Ratio Lower Upper
 62 100
 64 53.2 22.1 41.1

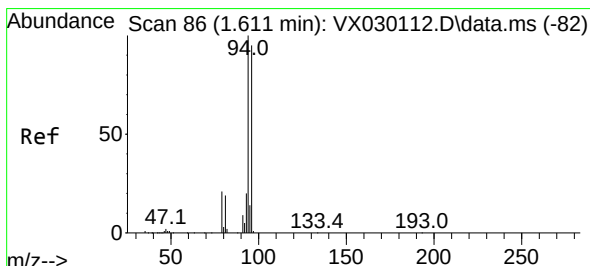
Manual Integrations
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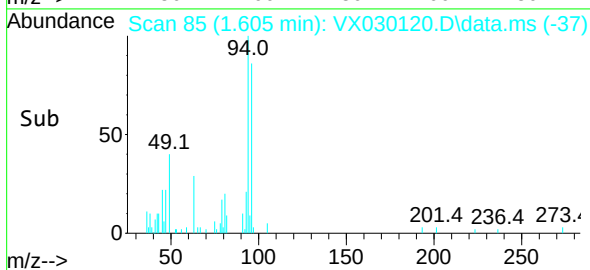
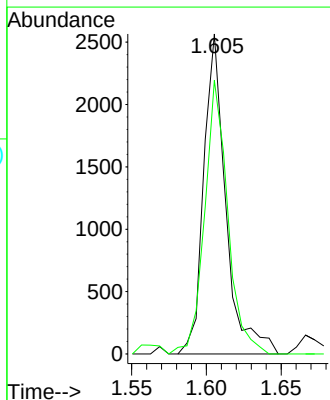
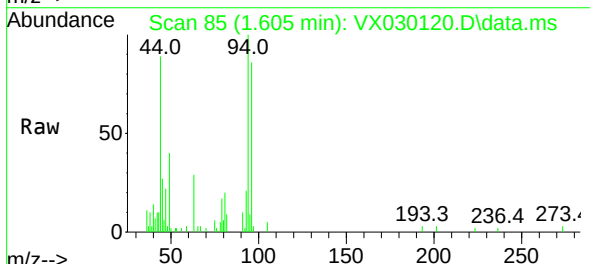
07/20/2022
 Supervised By :Mahesh
 Dadoda

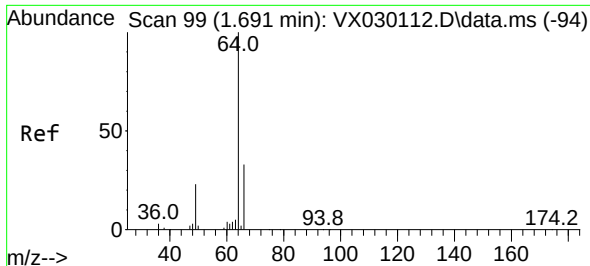
07/20/2022



#6
 Bromomethane
 Concen: 2.827 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX030120.D
 Acq: 19 Jul 2022 16:43

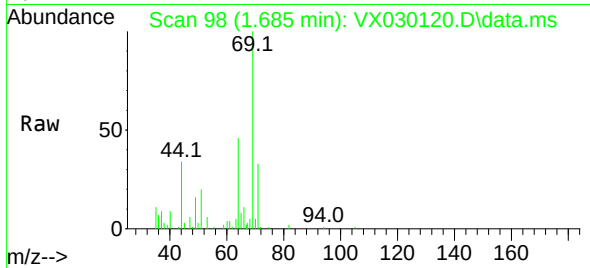
Tgt Ion: 94 Resp: 2642
 Ion Ratio Lower Upper
 94 100
 96 85.5 66.5 123.5





#8
Chloroethane
Concen: 2.271 ug/L
RT: 1.685 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

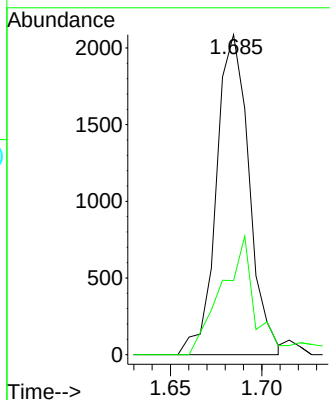
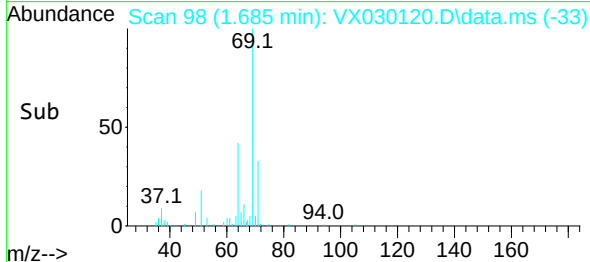
Instrument : MSVOA_X
Client Sample Id : MDL-WATER-QT2-2022-03



Tgt Ion: 64 Resp: 259
Ion Ratio Lower Upper
64 100
66 23.1 23.0 42.6

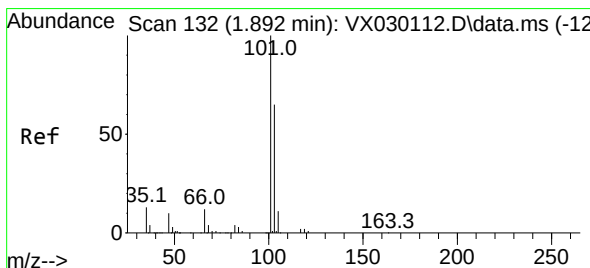
Manual Integrations
APPROVED

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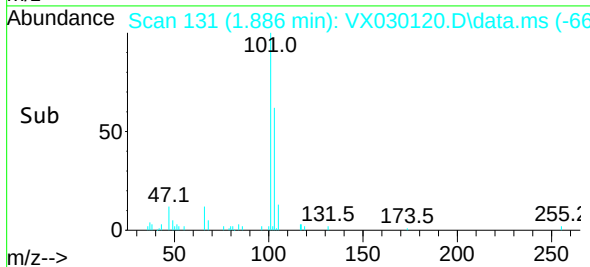
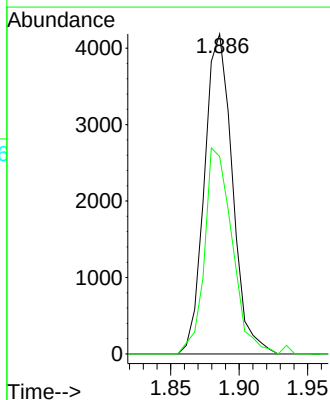
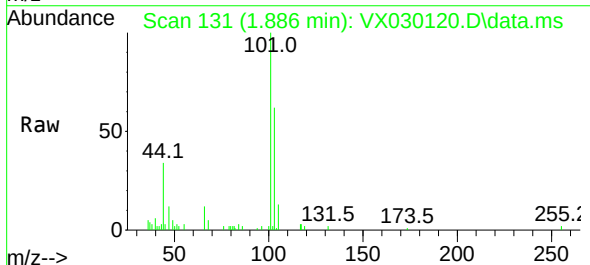
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Dadoda

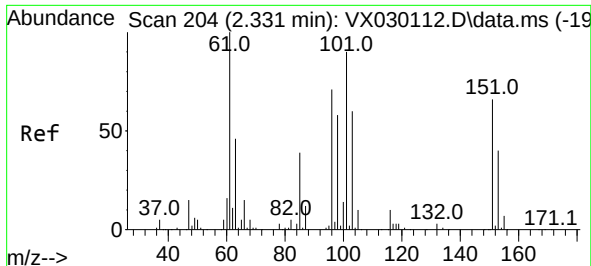
07/20/2022



#9
Trichlorofluoromethane
Concen: 2.216 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

Tgt Ion:101 Resp: 5943
Ion Ratio Lower Upper
101 100
103 63.6 51.8 77.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.114 ug/L

RT: 2.319 min Scan# 204

Delta R.T. -0.012 min

Lab File: VX030120.D

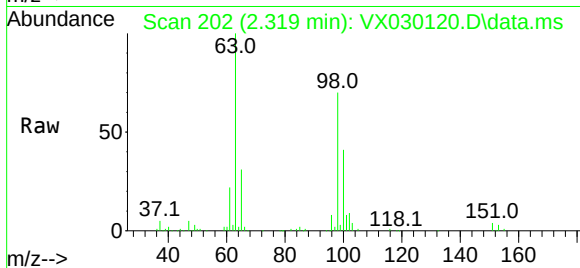
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Instrument :

MSVOA_X

ClientSampleId :

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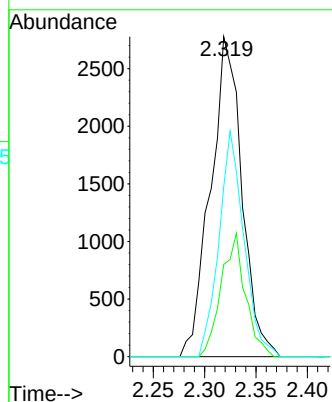


Tgt Ion:	101	Resp:	5904
Ion Ratio	Lower	Upper	
101	100		
85	29.8	34.1	51.1
151	56.0	59.4	89.2

Manual Integrations

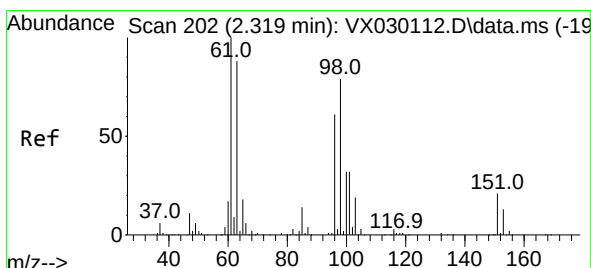
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Supervised By :Mahesh
Dadoda

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#12

1,1-Dichloroethene

Concen: 2.961 ug/L

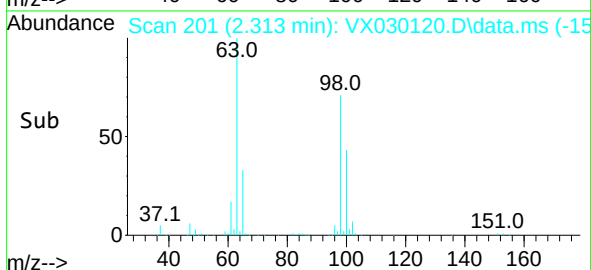
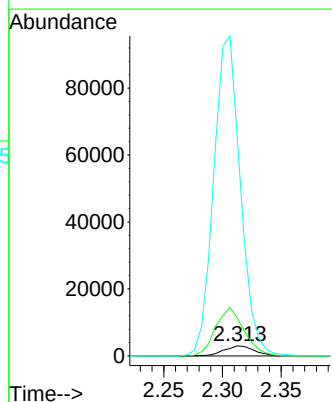
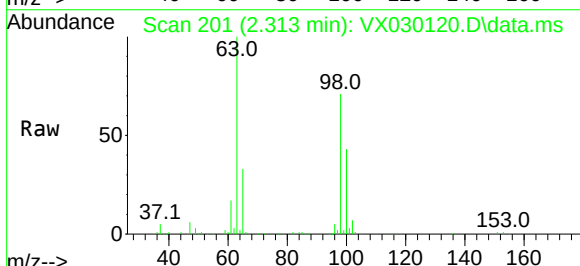
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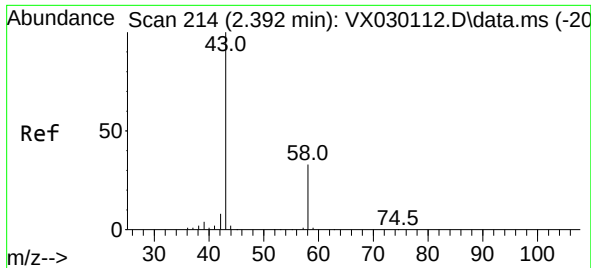
Delta R.T. -0.006 min

Lab File: VX030120.D

Acq: 19 Jul 2022 16:43

Tgt Ion:	96	Resp:	5413
Ion Ratio	Lower	Upper	
96	100		
61	379.0	115.1	213.7#
63	2189.8	104.1	193.3#





#13

Acetone

Concen: 5.263 ug/L

RT: 2.386 min Scan# 21

Delta R.T. -0.006 min

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Acq: 19 Jul 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2022-03

Tgt Ion: 43 Resp: 596

Ion Ratio Lower Upper

43 100

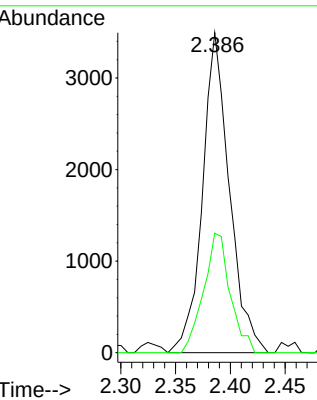
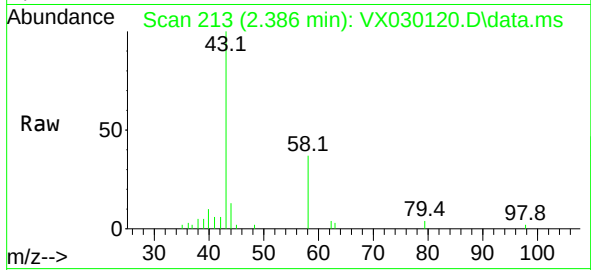
58 36.8 0.0 65.6

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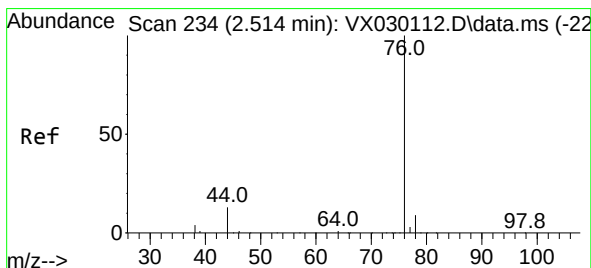
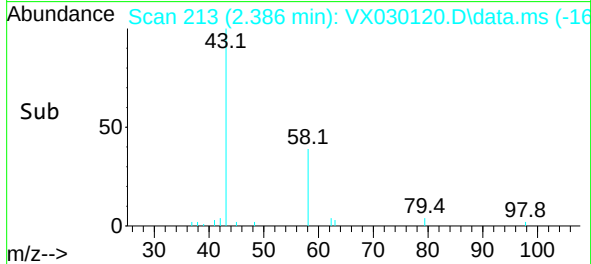


07/20/2022

Supervised By :Mahesh

Dadoda

07/20/2022



#14

Carbon disulfide

Concen: 2.307 ug/L

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

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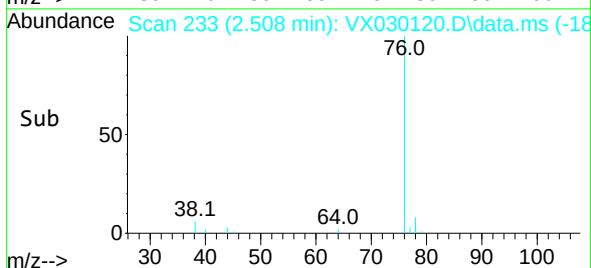
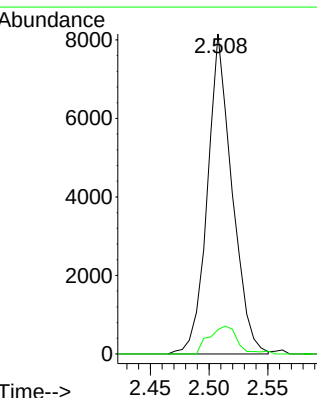
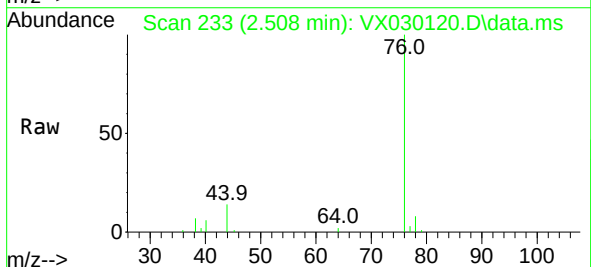
Acq: 19 Jul 2022 16:43

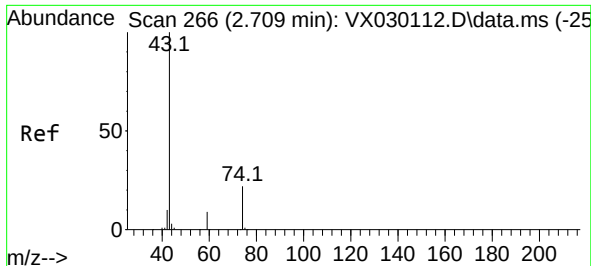
Tgt Ion: 76 Resp: 11867

Ion Ratio Lower Upper

76 100

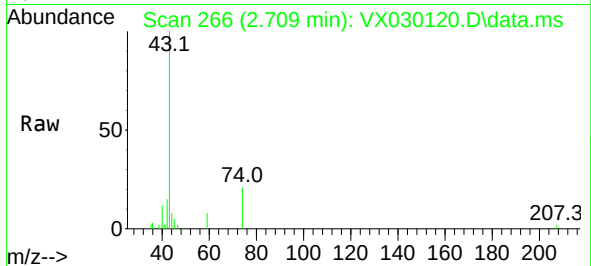
78 7.6 7.3 10.9





#15
Methyl Acetate
Concen: 2.559 ug/L
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

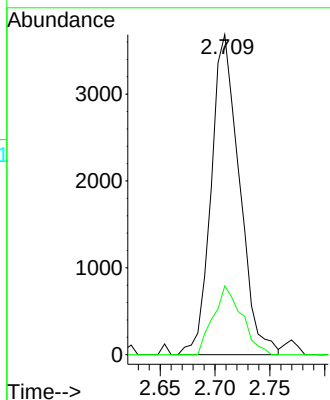
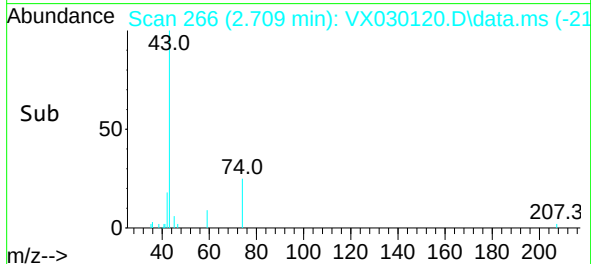
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03



Tgt Ion: 43 Resp: 6609
Ion Ratio Lower Upper
43 100
74 21.6 18.7 28.1

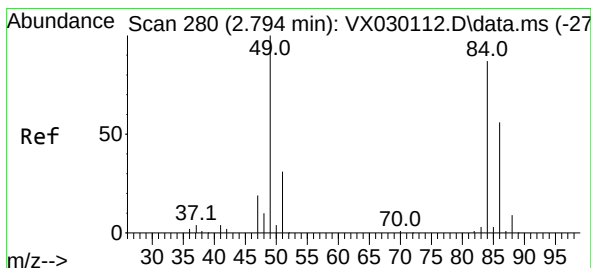
Manual Integrations
APPROVED

Reviewed By :John
Carlone

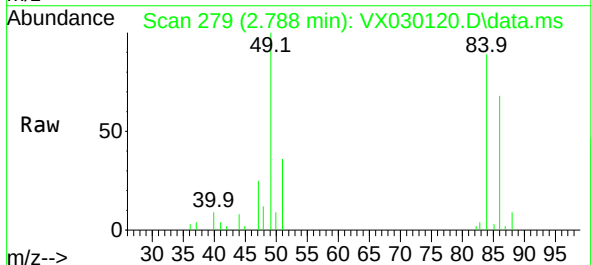


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Dadoda

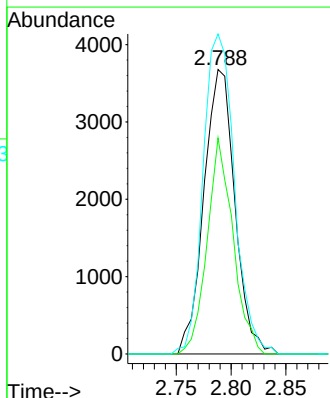
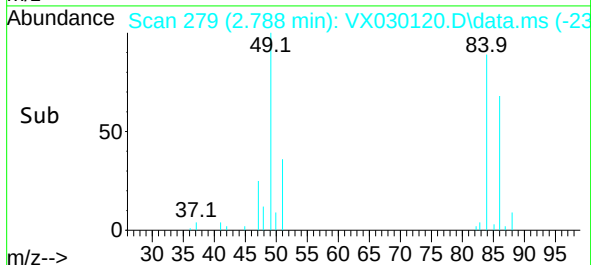
07/20/2022

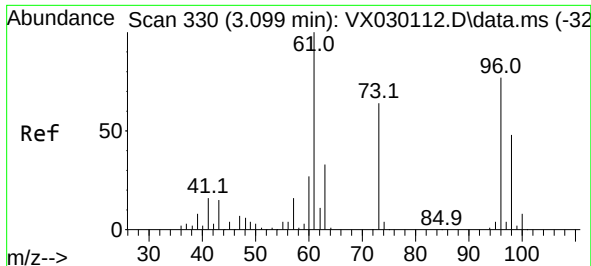


#16
Methylene chloride
Concen: 3.283 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43



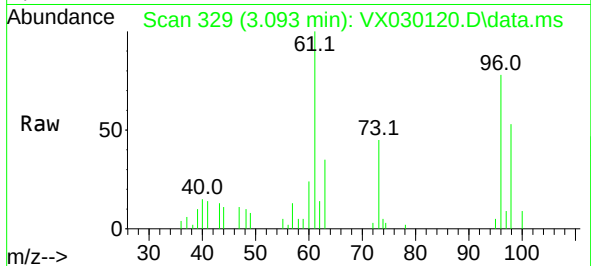
Tgt Ion: 84 Resp: 7245
Ion Ratio Lower Upper
84 100
86 75.9 44.8 83.2
49 112.5 80.6 149.6





#17
trans-1,2-Dichloroethene
Concen: 2.229 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

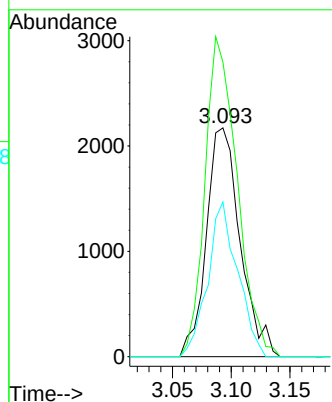
Instrument : MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2022-03



Tgt Ion: 96 Resp: 433
Ion Ratio Lower Upper
96 100
61 128.7 90.4 168.0
98 67.6 43.8 81.4

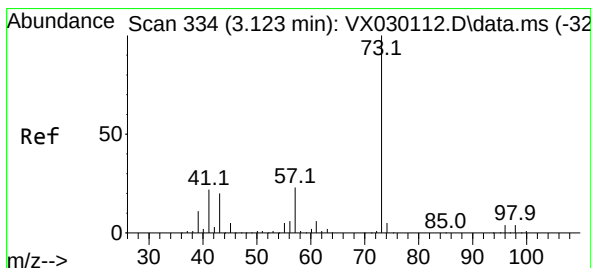
Manual Integrations
APPROVED

Reviewed By :John
Carlone



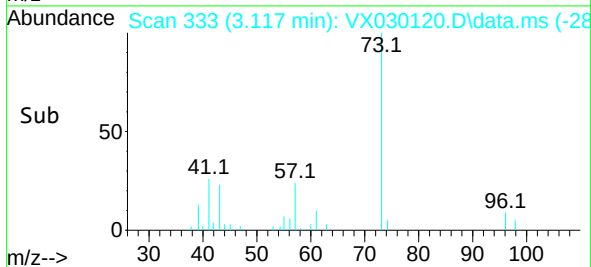
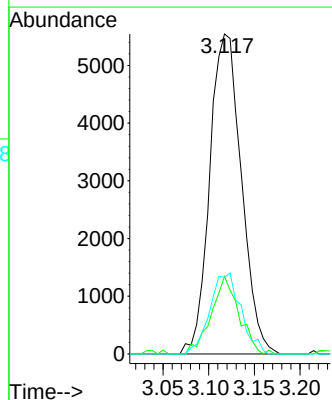
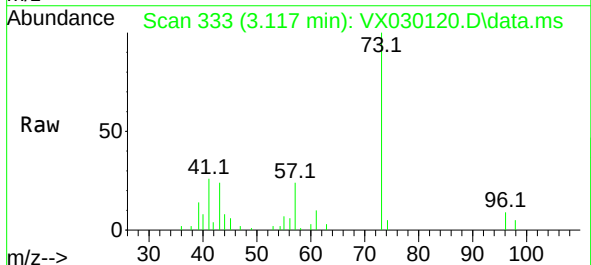
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Supervised By :Mahesh
Dadoda

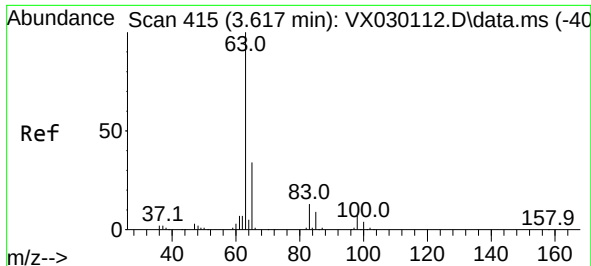
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#18
Methyl tert-butyl Ether
Concen: 2.229 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

Tgt Ion: 73 Resp: 13359
Ion Ratio Lower Upper
73 100
43 21.0 16.2 24.4
57 24.7 17.7 26.5





#19

1,1-Dichloroethane

Concen: 2.254 ug/L

RT: 3.611 min Scan# 415

Delta R.T. -0.006 min

Lab File: VX030120.D

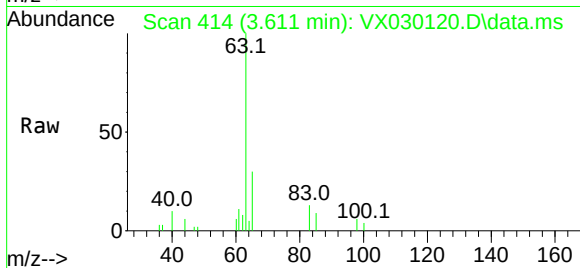
Acq: 19 Jul 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

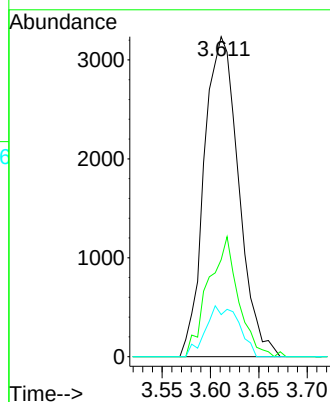
MDL-WATER-QT2-2022-03



Tgt Ion:	63	Resp:	801
Ion	Ratio	Lower	Upper
63	100		
65	30.3	23.4	43.6
83	13.1	9.3	17.3

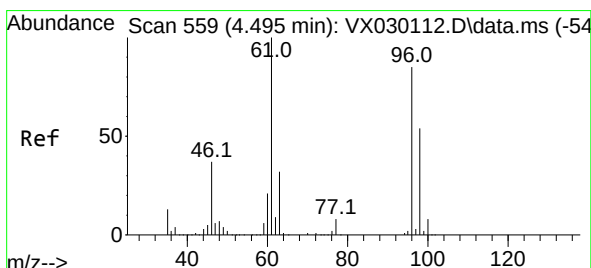
Manual Integrations
APPROVED

Reviewed By :John
Carlone



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Supervised By :Mahesh
Dadoda

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#20

cis-1,2-Dichloroethene

Concen: 2.169 ug/L

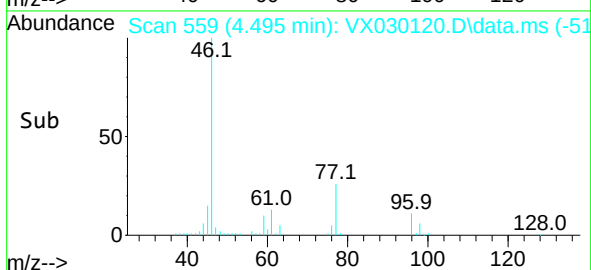
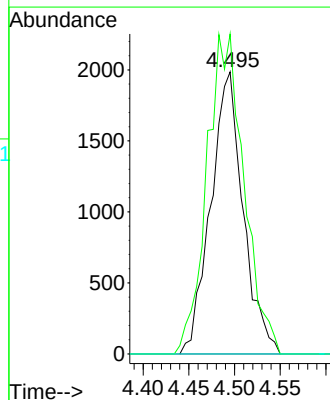
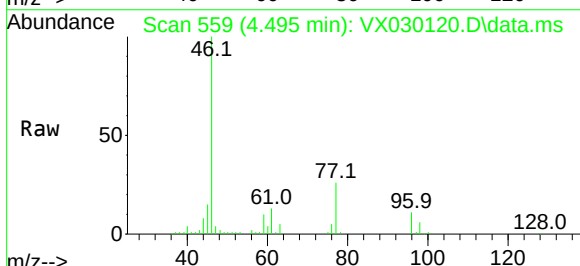
RT: 4.495 min Scan# 559

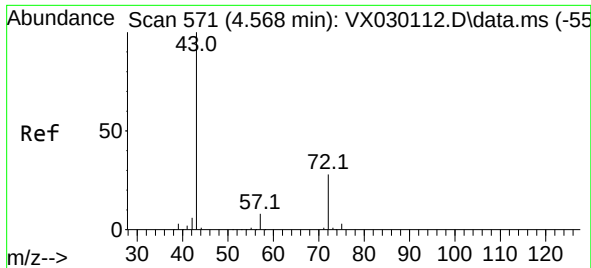
Delta R.T. 0.000 min

Lab File: VX030120.D

Acq: 19 Jul 2022 16:43

Tgt Ion:	96	Resp:	4899
Ion	Ratio	Lower	Upper
96	100		
61	113.4	82.1	152.5
68	0.0	0.0	0.0





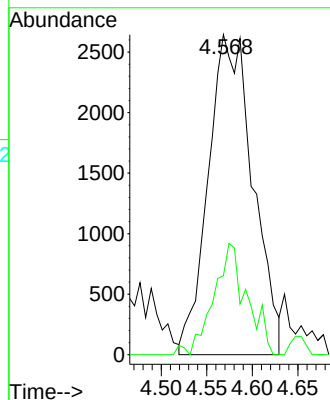
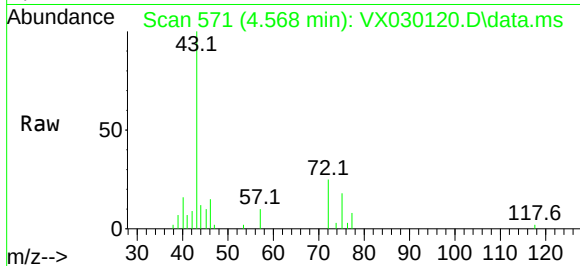
#22
2-Butanone
Concen: 4.649 ug/L m
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2022-03

Tgt Ion: 43 Resp: 9014
Ion Ratio Lower Upper
43 100
72 18.6 13.1 39.3

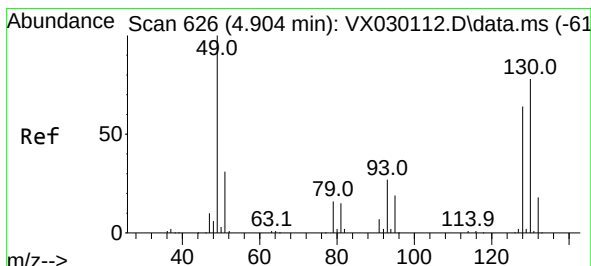
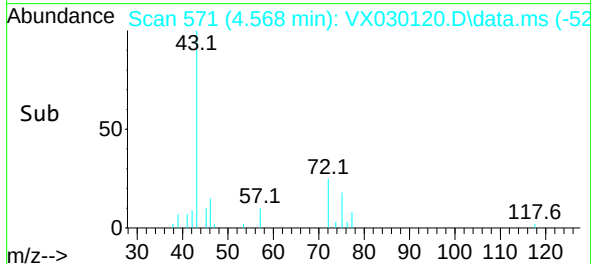
Manual Integrations
APPROVED

Reviewed By :John
Carlone



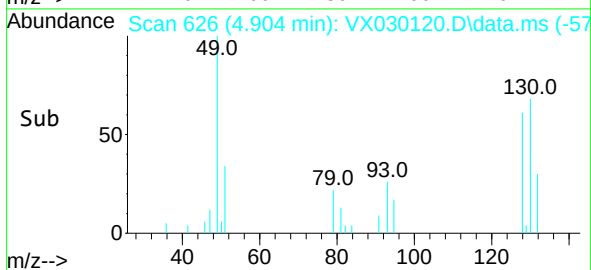
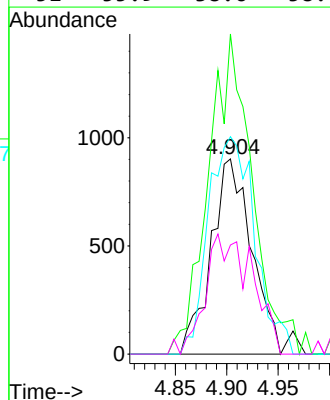
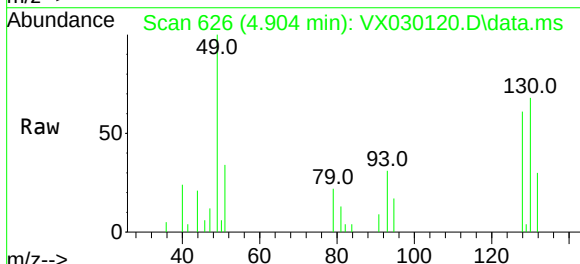
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Supervised By :Mahesh
Dadoda

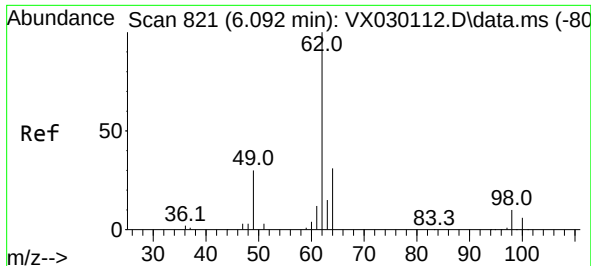
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#23
Bromochloromethane
Concen: 2.193 ug/L m
RT: 4.904 min Scan# 626
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

Tgt Ion:128 Resp: 2465
Ion Ratio Lower Upper
128 100
49 164.1 110.0 204.4
130 111.4 86.0 159.6
51 55.9 38.6 58.0





#27

1,2-Dichloroethane

Concen: 2.340 ug/L

RT: 6.098 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX030120.D

Acq: 19 Jul 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2022-03

Tgt Ion: 62 Resp: 648

Ion Ratio Lower Upper

62 100

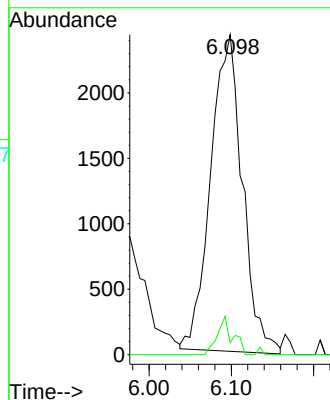
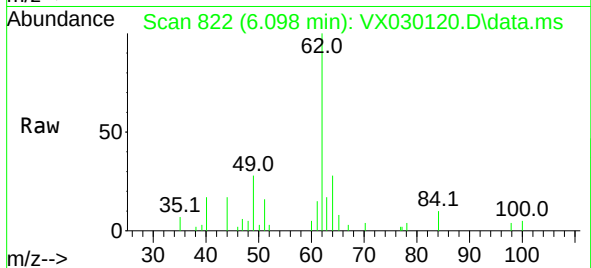
98 3.8 8.0 12.0

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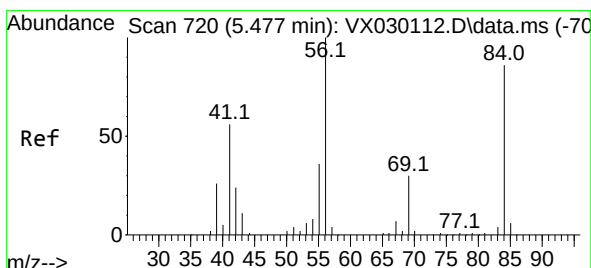
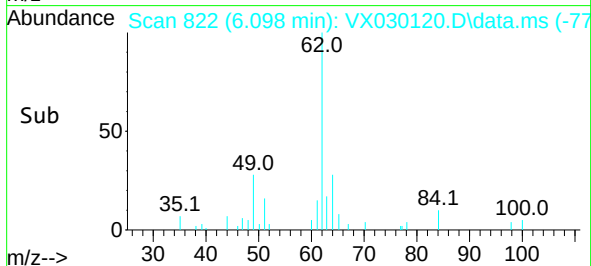


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#29

Cyclohexane

Concen: 2.154 ug/L

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX030120.D

Acq: 19 Jul 2022 16:43

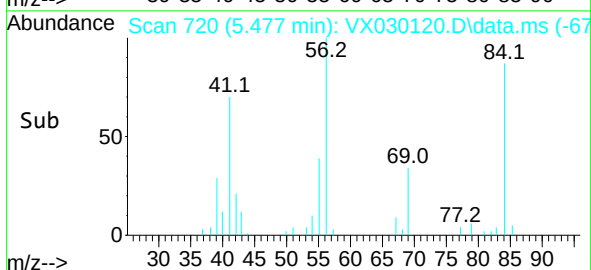
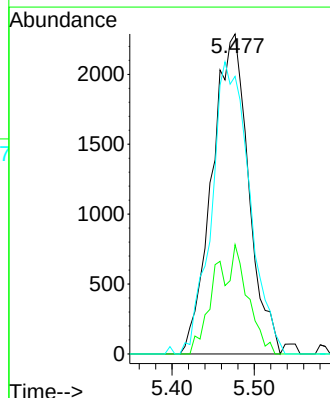
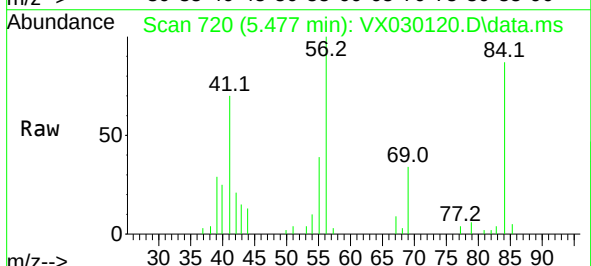
Tgt Ion: 56 Resp: 7098

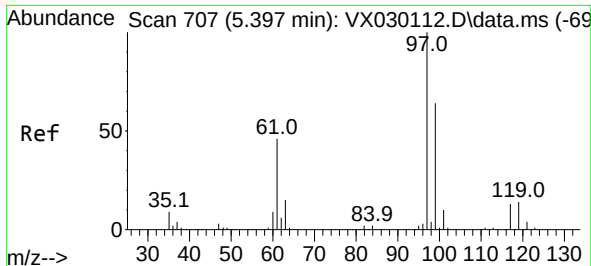
Ion Ratio Lower Upper

56 100

69 17.1 24.2 36.2#

84 0.0 70.4 105.6#





#30

1,1,1-Trichloroethane

Concen: 2.193 ug/L

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX030120.D

Acq: 19 Jul 2022 16:43

Instrument :

MSVOA_X

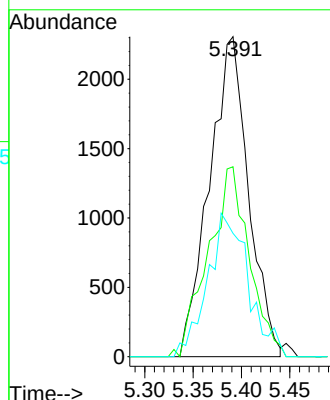
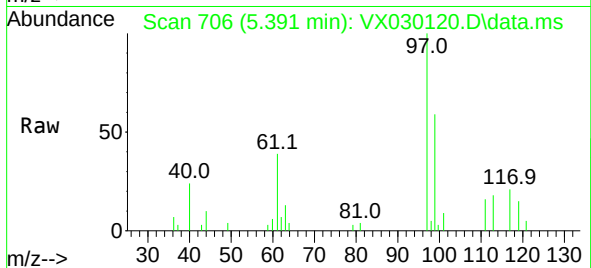
ClientSampleId :

MDL-WATER-QT2-2022-03

Tgt Ion: 97	Resp: 648
Ion Ratio	Lower Upper
97 100	
99 42.3	51.2 76.8
61 34.4	36.8 55.2

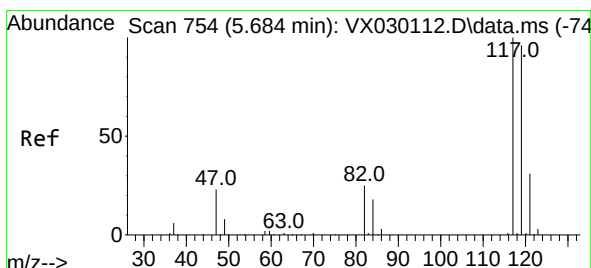
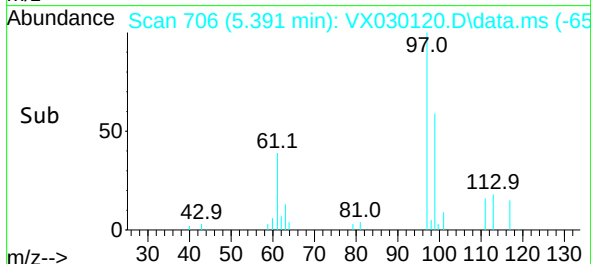
Manual Integrations
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Reviewed By :John
Carlone



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Dadoda

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#31

Carbon tetrachloride

Concen: 2.115 ug/L

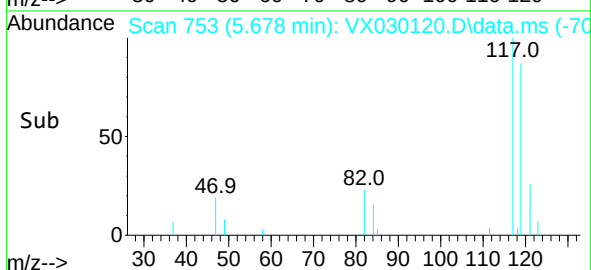
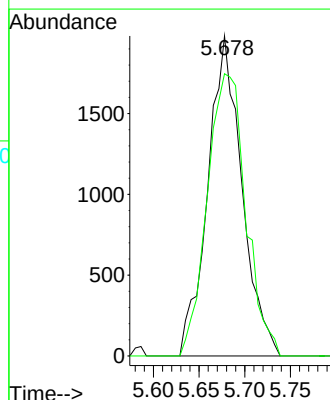
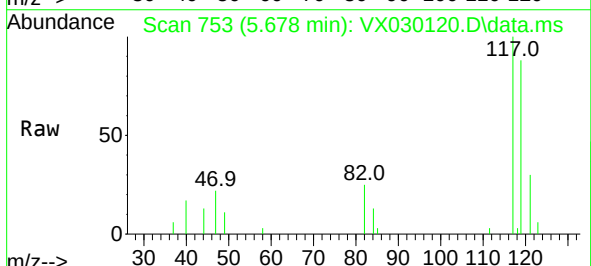
RT: 5.678 min Scan# 753

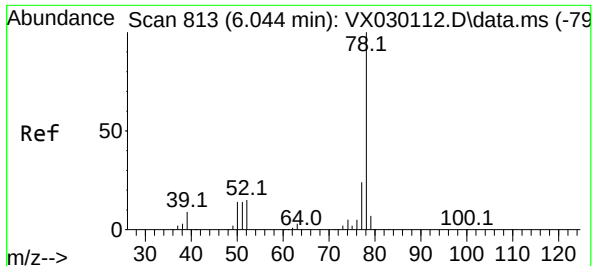
Delta R.T. -0.006 min

Lab File: VX030120.D

Acq: 19 Jul 2022 16:43

Tgt Ion: 117	Resp: 5150
Ion Ratio	Lower Upper
117 100	
119 99.5	77.4 116.2





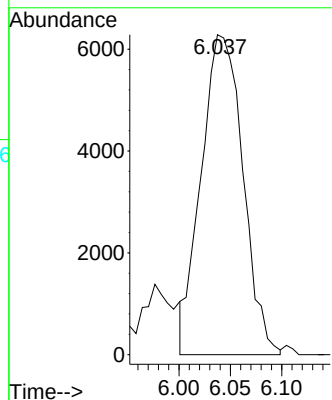
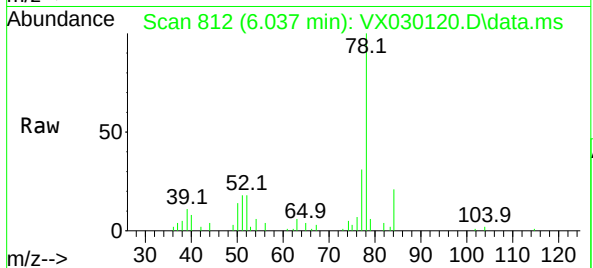
#33
Benzene
Concen: 2.119 ug/L
RT: 6.037 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03

Tgt Ion: 78 Resp: 1772

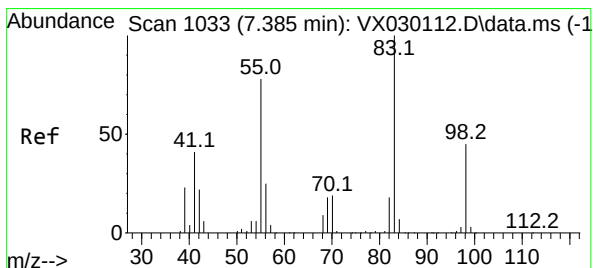
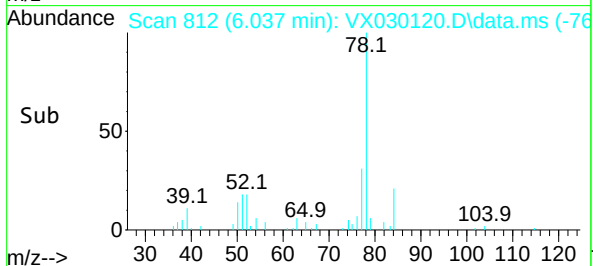
Manual Integrations
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Reviewed By :John
Carlone



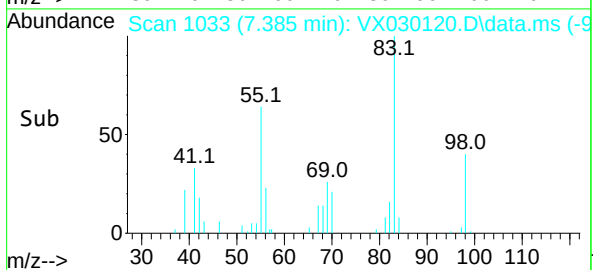
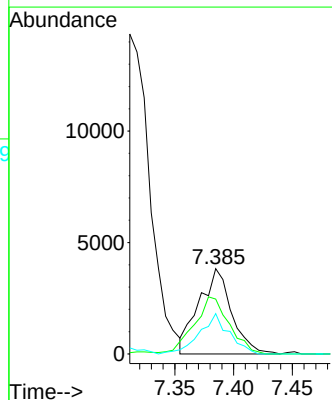
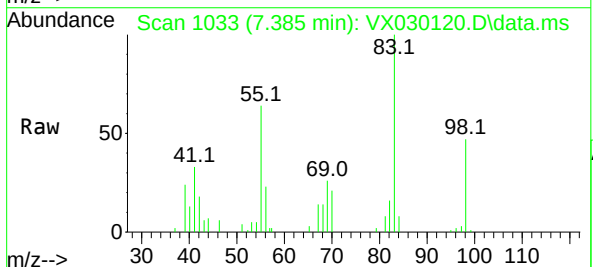
07/20/2022
Supervised By :Mahesh
Dadoda

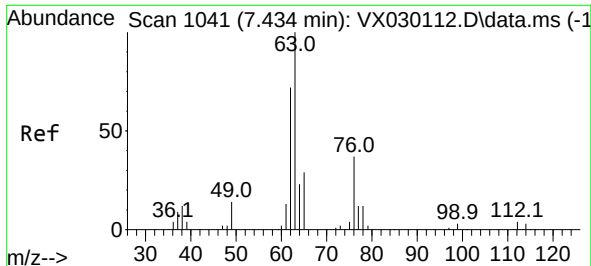
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#35
Methylcyclohexane
Concen: 2.196 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

Tgt Ion: 83 Resp: 7403
Ion Ratio Lower Upper
83 100
55 71.5 59.7 89.5
98 42.6 37.0 55.6





#37

1,2-Dichloropropane

Concen: 2.338 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030120.D

Acq: 19 Jul 2022 16:43

Instrument :

MSVOA_X

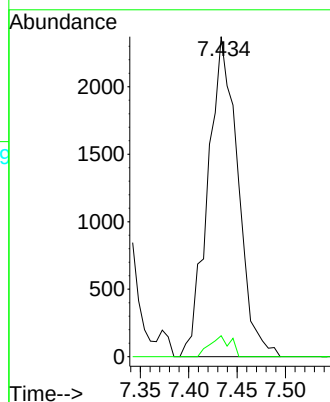
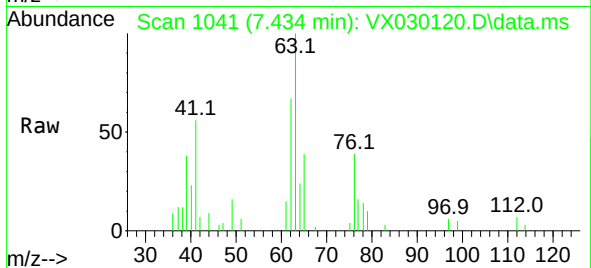
ClientSampleId :

MDL-WATER-QT2-2022-03

Tgt Ion: 63 Resp: 5119
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.1 4.7

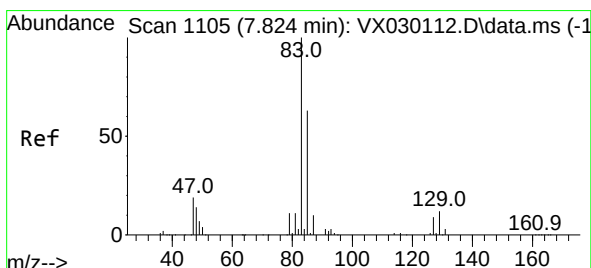
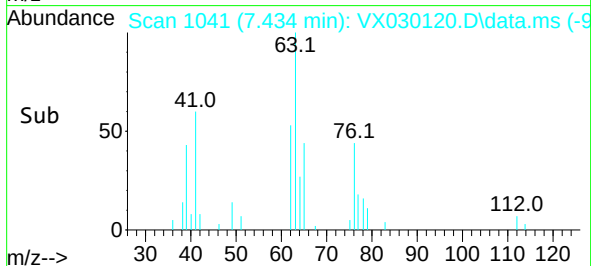
Manual Integrations
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 Carlone



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 Dadoda

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#38

Bromodichloromethane

Concen: 2.028 ug/L

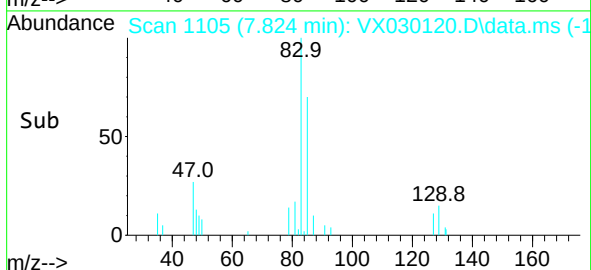
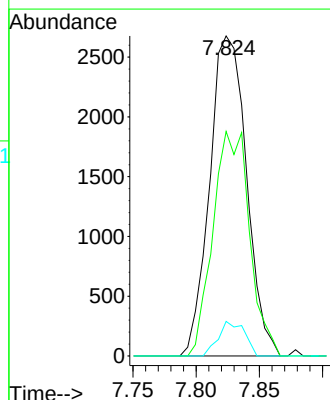
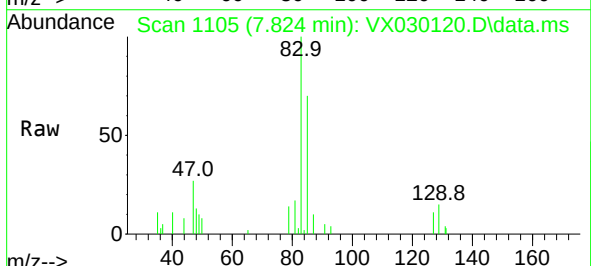
RT: 7.824 min Scan# 1105

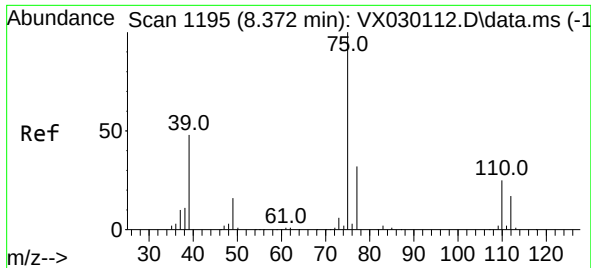
Delta R.T. -0.000 min

Lab File: VX030120.D

Acq: 19 Jul 2022 16:43

Tgt Ion: 83 Resp: 5433
 Ion Ratio Lower Upper
 83 100
 85 70.2 44.0 81.8
 127 10.8 7.0 10.6#





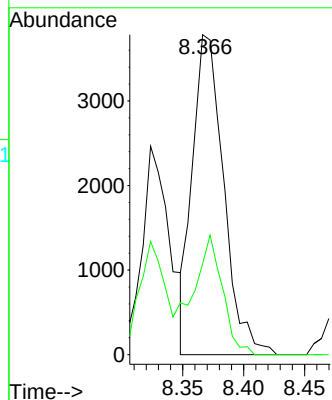
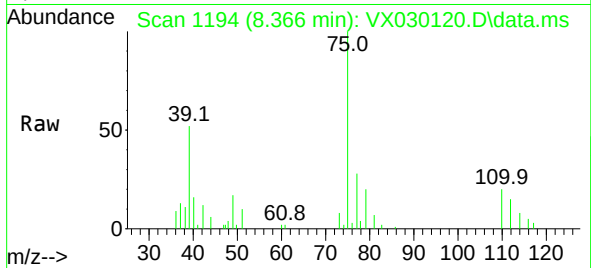
#39
cis-1,3-Dichloropropene
Concen: 2.149 ug/L m
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03

Tgt Ion: 75 Resp: 672
Ion Ratio Lower Upper
75 100
77 28.4 22.3 41.5

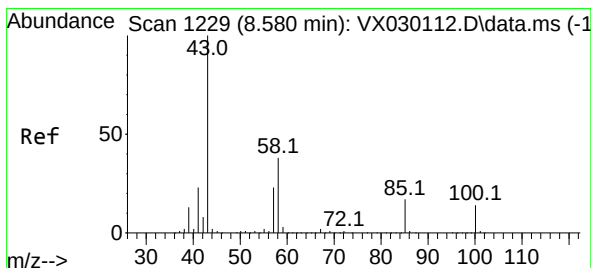
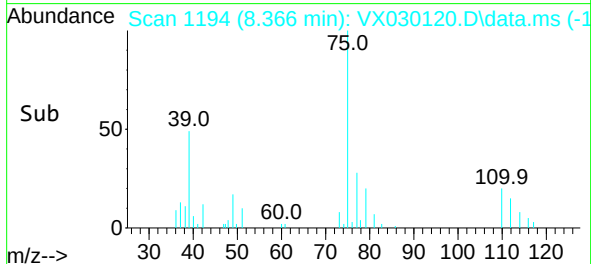
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Reviewed By :John
Carlone



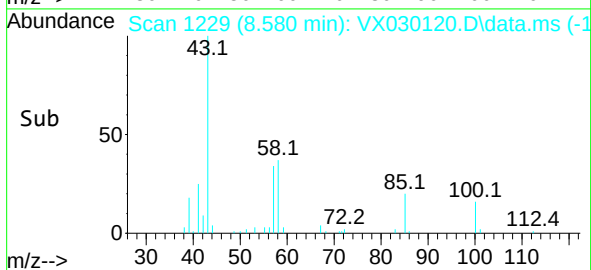
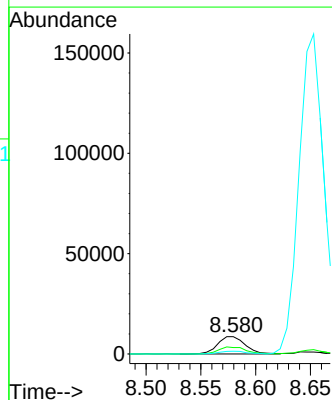
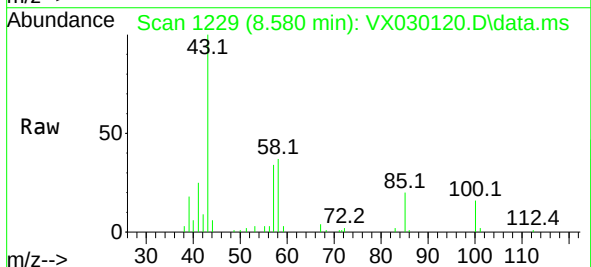
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Supervised By :Mahesh
Dadoda

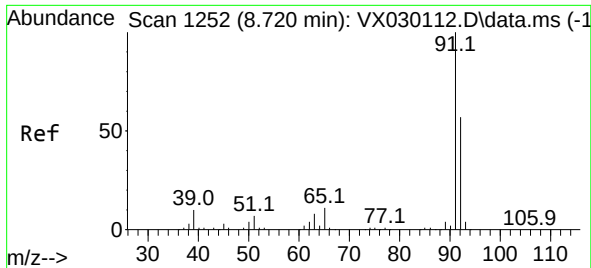
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#40
4-Methyl-2-pentanone
Concen: 4.245 ug/L
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

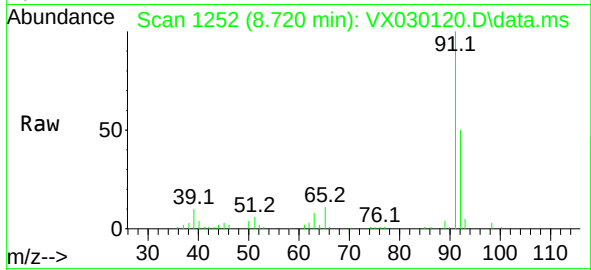
Tgt Ion: 43 Resp: 15117
Ion Ratio Lower Upper
43 100
58 39.9 30.9 46.3
100 15.8 11.5 17.3





#42
Toluene
Concen: 2.272 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

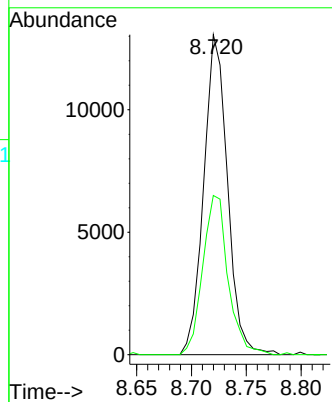
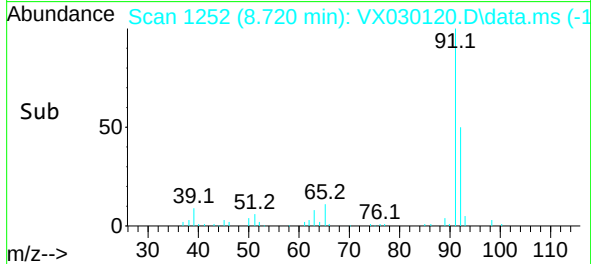
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03



Tgt Ion: 91 Resp: 1973
Ion Ratio Lower Upper
91 100
92 49.7 39.6 73.6

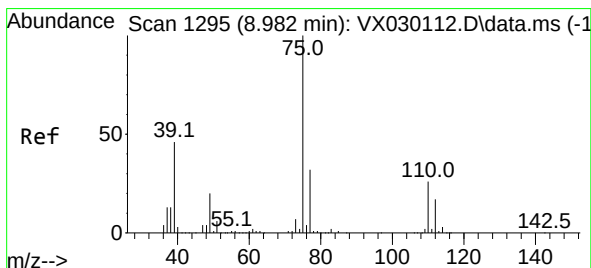
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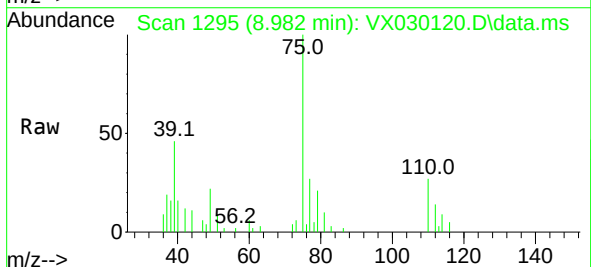


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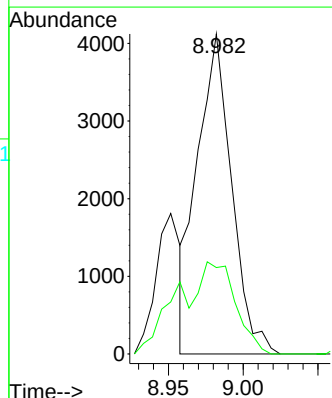
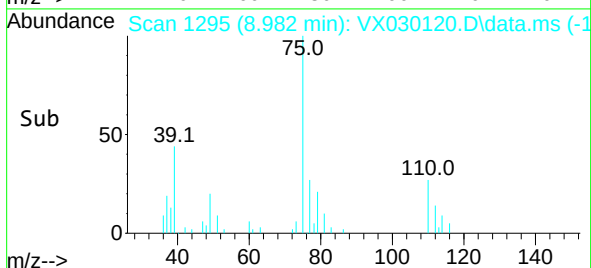
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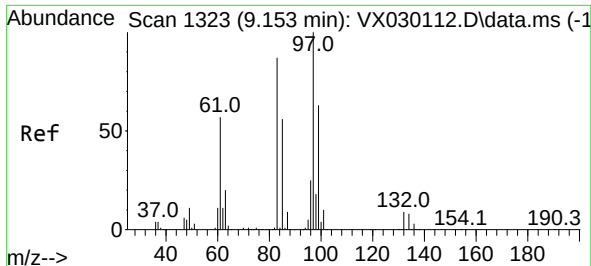


#44
trans-1,3-Dichloropropene
Concen: 2.245 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43



Tgt Ion: 75 Resp: 6580
Ion Ratio Lower Upper
75 100
77 27.0 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 2.449 ug/L

RT: 9.159 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030120.D

Acq: 19 Jul 2022 16:43

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2022-03

Tgt Ion: 97 Resp: 513

Ion Ratio Lower Upper

97 100

99 49.2 43.8 81.4

83 68.0 61.2 113.8

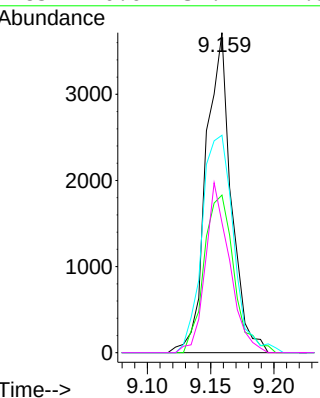
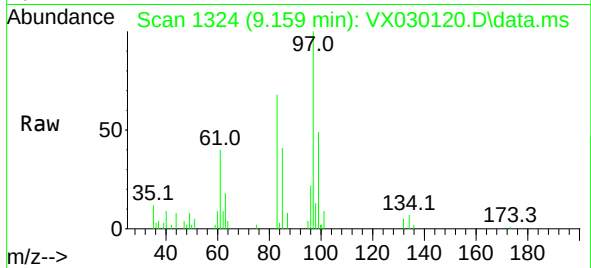
85 40.6 39.1 72.5

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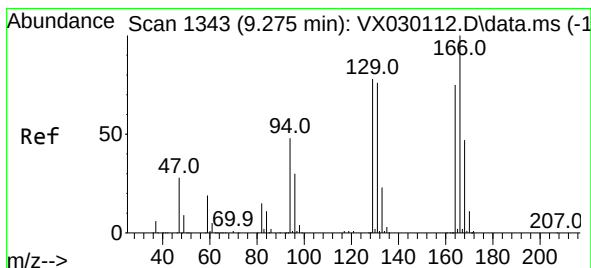
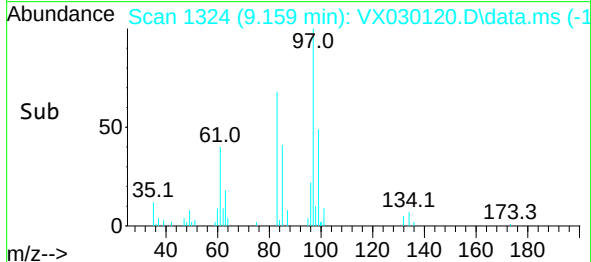


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#46

Tetrachloroethene

Concen: 2.265 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX030120.D

Acq: 19 Jul 2022 16:43

Tgt Ion:164 Resp: 3516

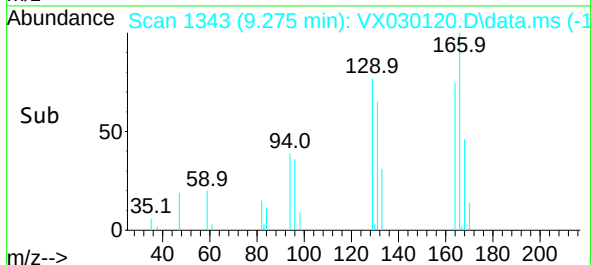
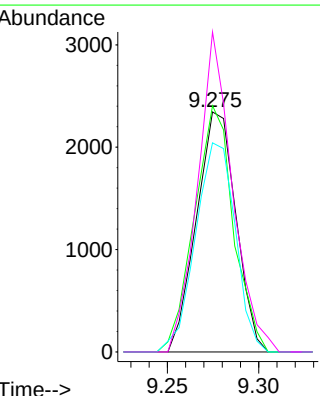
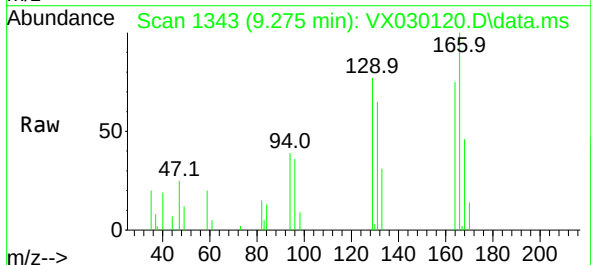
Ion Ratio Lower Upper

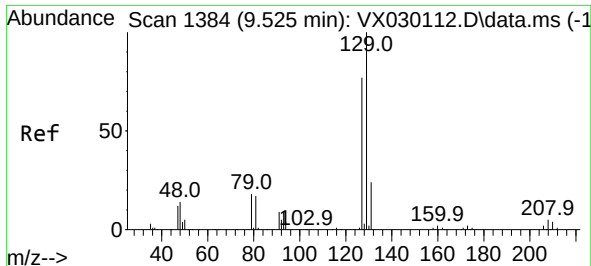
164 100

129 102.6 73.0 135.6

131 87.2 70.7 131.3

166 133.4 93.2 173.0





#49

Dibromochloromethane

Concen: 2.072 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030120.D

Acq: 19 Jul 2022 16:43

Instrument :

MSVOA_X

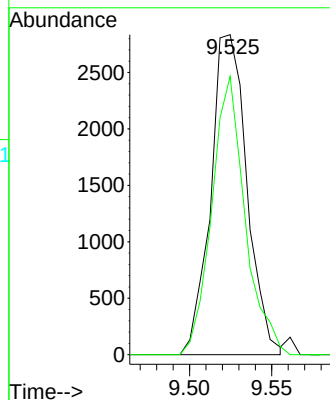
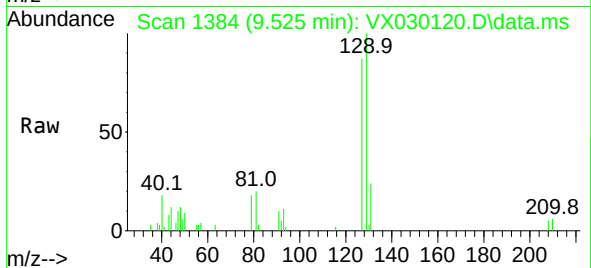
ClientSampleId :

MDL-WATER-QT2-2022-03

Tgt Ion:129 Resp: 4344
 Ion Ratio Lower Upper
 129 100
 127 86.9 53.6 99.6

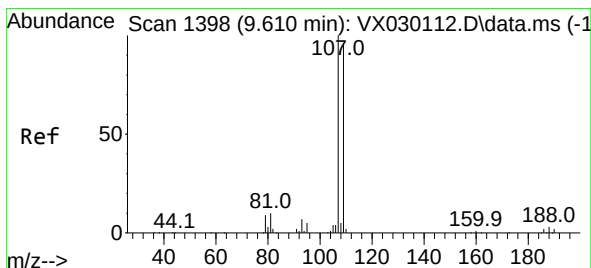
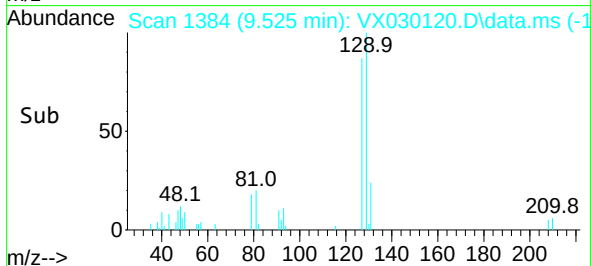
Manual Integrations
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Reviewed By :John
 Carlone



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 Supervised By :Mahesh
 Dadoda

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#50

1,2-Dibromoethane

Concen: 2.180 ug/L

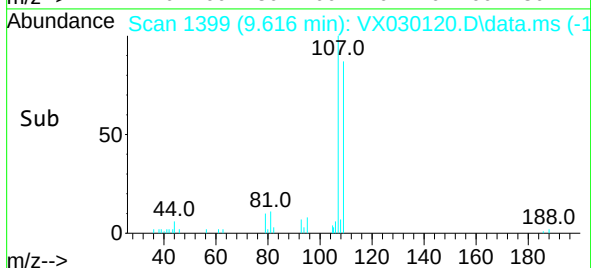
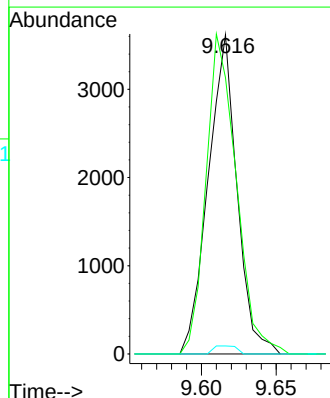
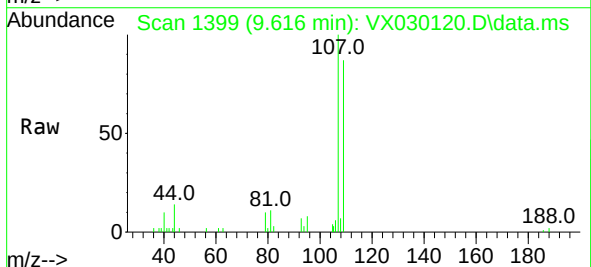
RT: 9.616 min Scan# 1399

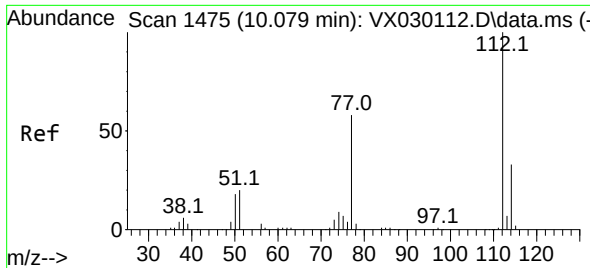
Delta R.T. 0.006 min

Lab File: VX030120.D

Acq: 19 Jul 2022 16:43

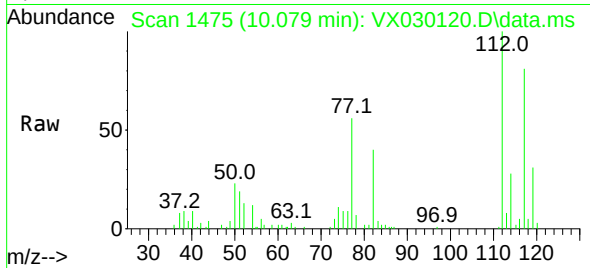
Tgt Ion:107 Resp: 4849
 Ion Ratio Lower Upper
 107 100
 109 86.5 66.9 124.3
 188 2.5 2.4 3.6





#51
Chlorobenzene
Concen: 2.218 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

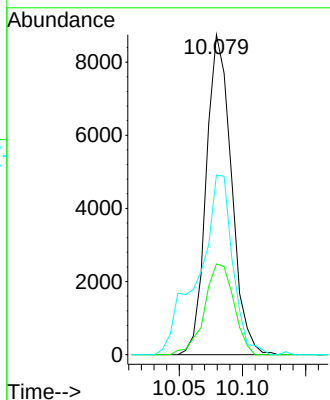
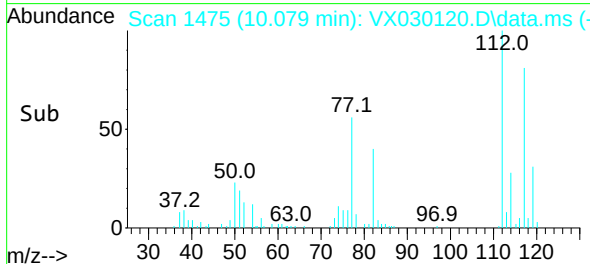
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03



Tgt Ion: 112 Resp: 12100
Ion Ratio Lower Upper
112 100
114 28.3 23.4 43.4
77 56.1 46.7 70.1

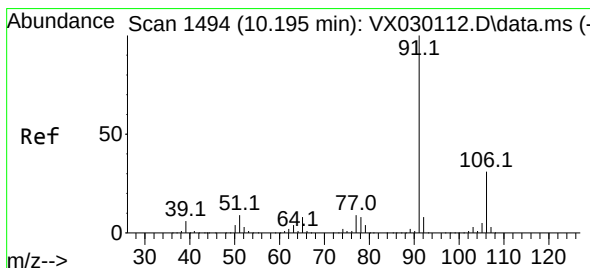
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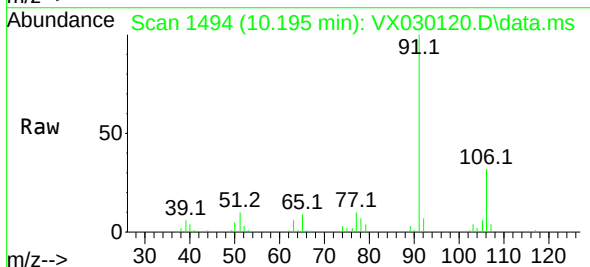


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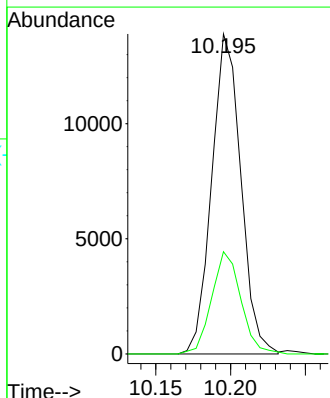
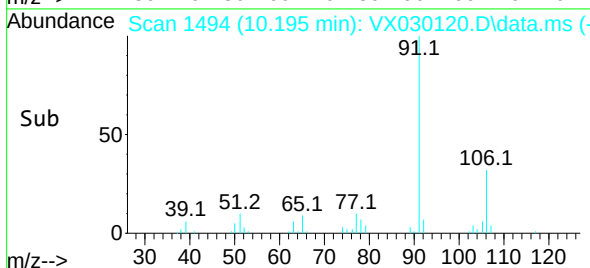
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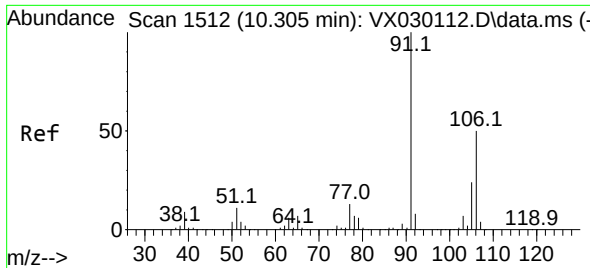


#52
Ethylbenzene
Concen: 2.031 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43



Tgt Ion: 91 Resp: 18802
Ion Ratio Lower Upper
91 100
106 32.0 21.7 40.3





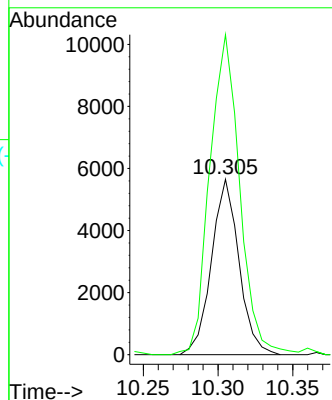
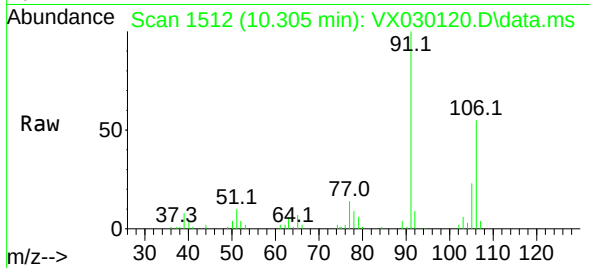
#53
m,p-Xylene
Concen: 2.008 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03

Tgt Ion:106 Resp: 7240
Ion Ratio Lower Upper
106 100
91 182.4 139.7 259.5

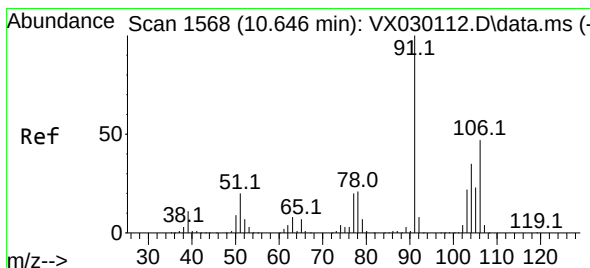
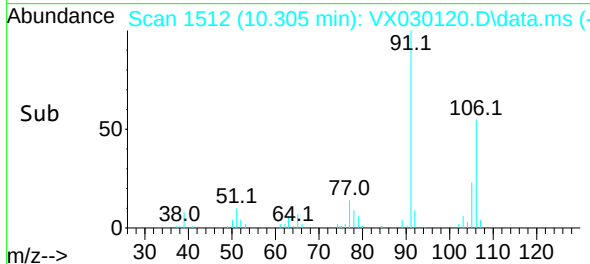
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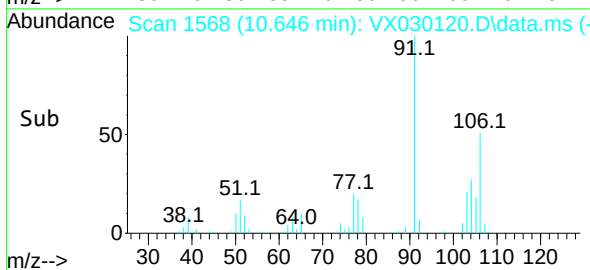
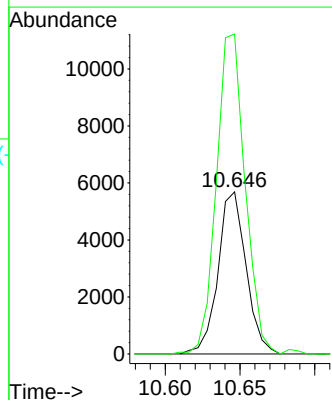
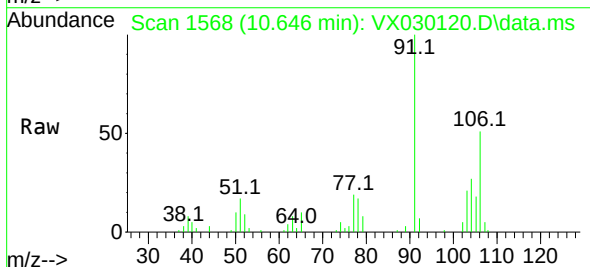
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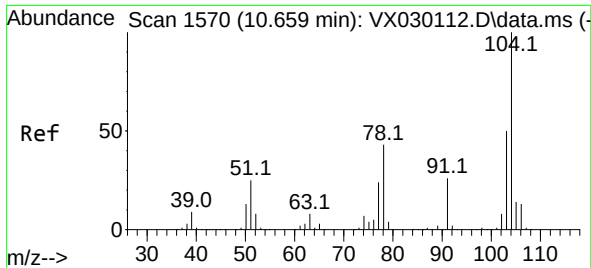
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#54
o-Xylene
Concen: 2.122 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

Tgt Ion:106 Resp: 7437
Ion Ratio Lower Upper
106 100
91 197.4 149.4 277.4





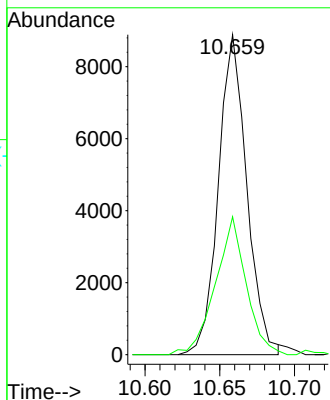
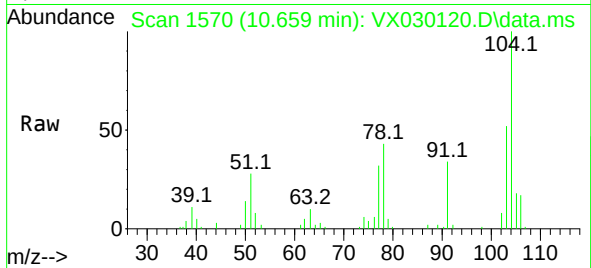
#55
Styrene
Concen: 1.945 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03

Tgt Ion:104 Resp: 1174
Ion Ratio Lower Upper
104 100
78 43.1 30.3 56.3

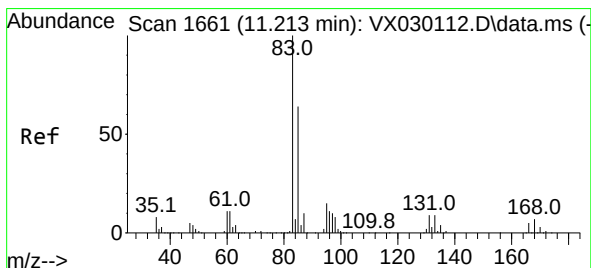
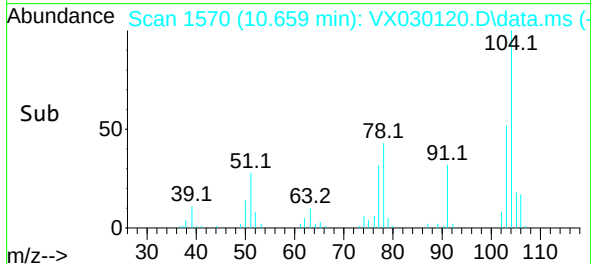
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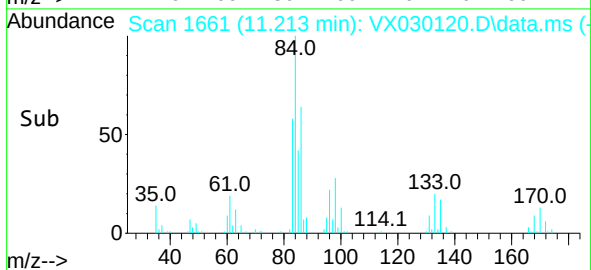
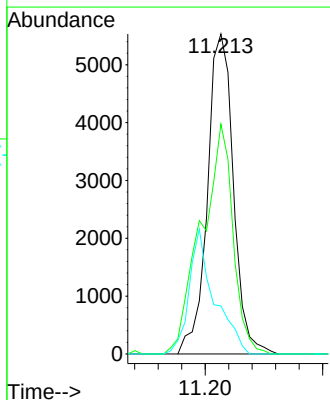
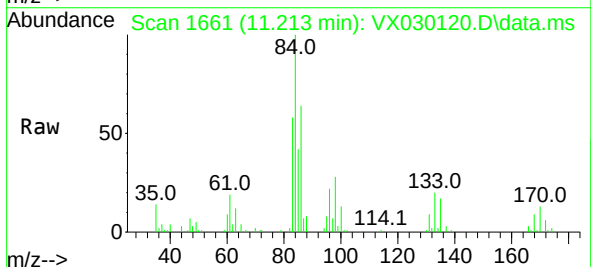
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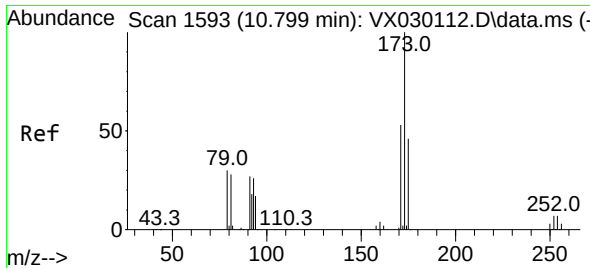
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#57
1,1,2,2-Tetrachloroethane
Concen: 2.573 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

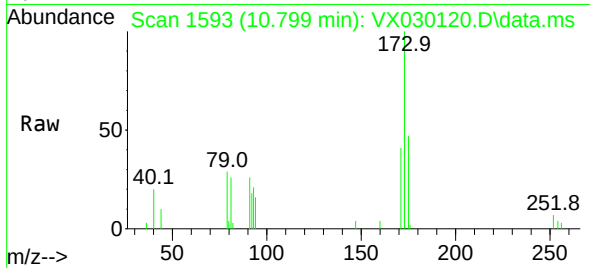
Tgt Ion: 83 Resp: 8507
Ion Ratio Lower Upper
83 100
85 71.8 44.7 83.1
131 15.0 7.2 10.8#





#59
Bromoform
Concen: 2.047 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

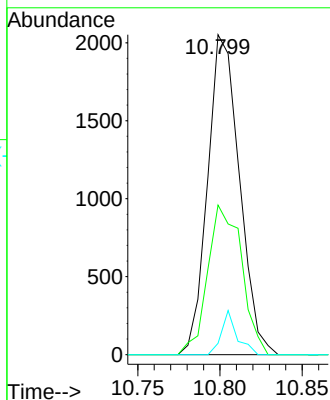
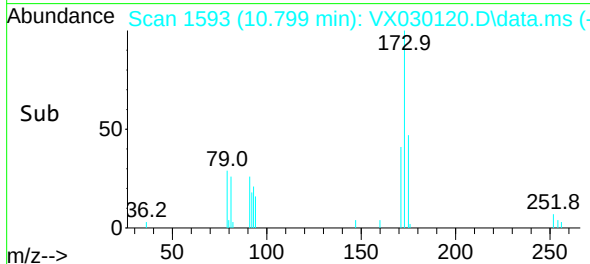
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03



Tgt Ion:173 Resp: 2759
Ion Ratio Lower Upper
173 100
175 49.8 37.8 56.6
254 6.7 6.4 9.6

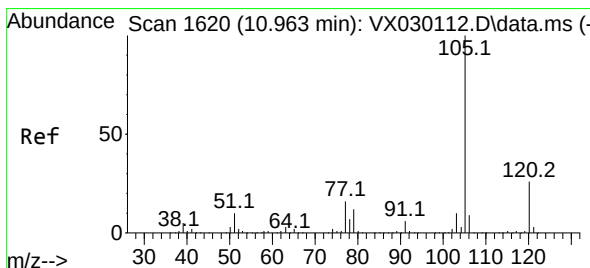
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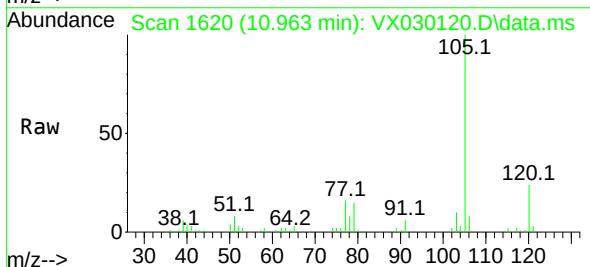


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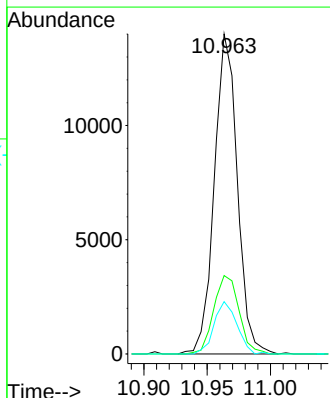
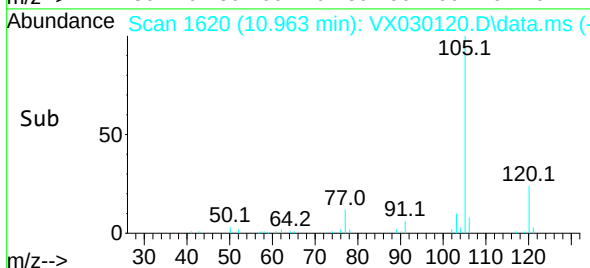
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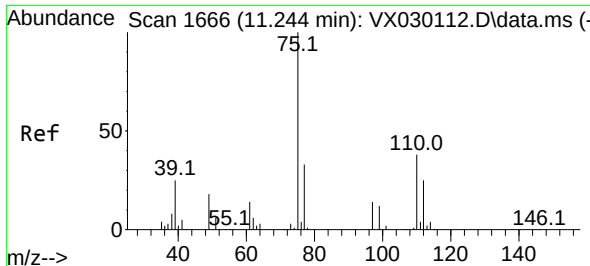


#60
Isopropylbenzene
Concen: 2.089 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43



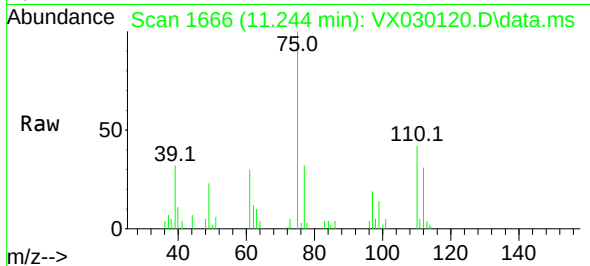
Tgt Ion:105 Resp: 17666
Ion Ratio Lower Upper
105 100
120 27.0 21.1 31.7
77 16.2 12.4 18.6





#61
1,2,3-Trichloropropane
Concen: 2.418 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

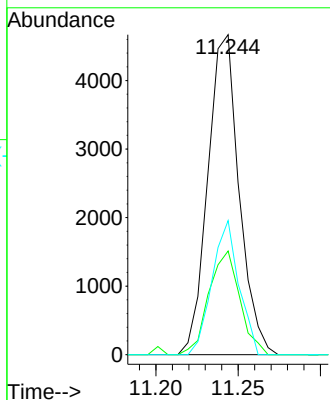
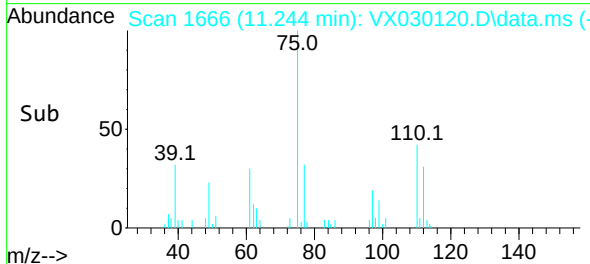
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03



Tgt Ion: 75 Resp: 6188
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 35.9 30.2 45.2

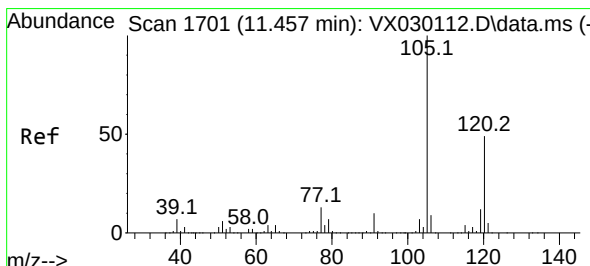
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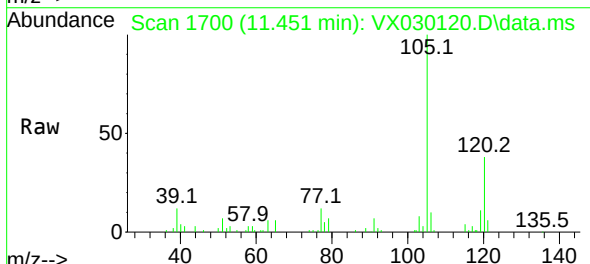


07/20/2022
Supervised By :Mahesh
Dadoda

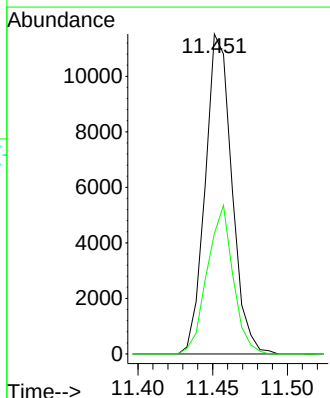
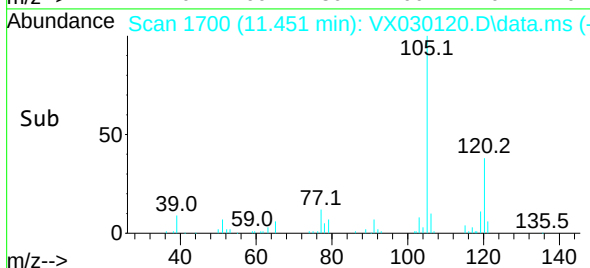
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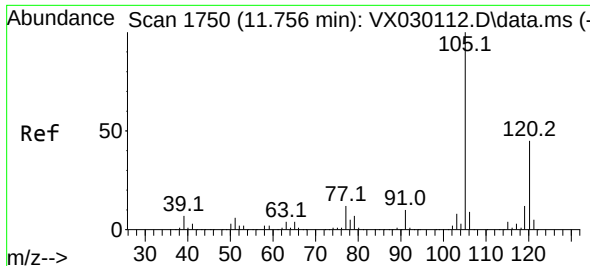


#62
1,3,5-Trimethylbenzene
Concen: 2.044 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43



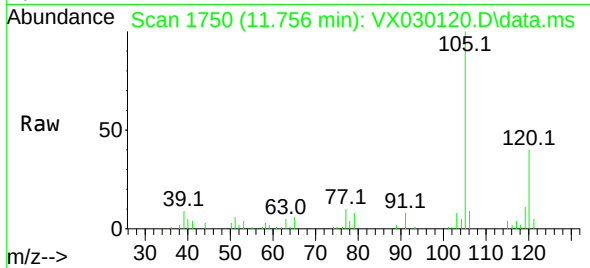
Tgt Ion:105 Resp: 14286
Ion Ratio Lower Upper
105 100
120 45.0 38.8 58.2





#63
1,2,4-Trimethylbenzene
Concen: 1.979 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

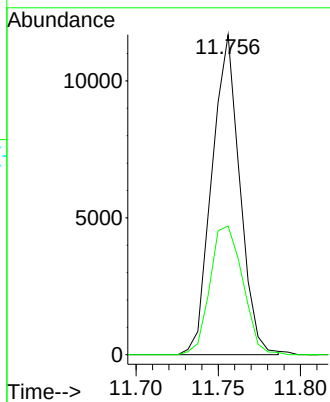
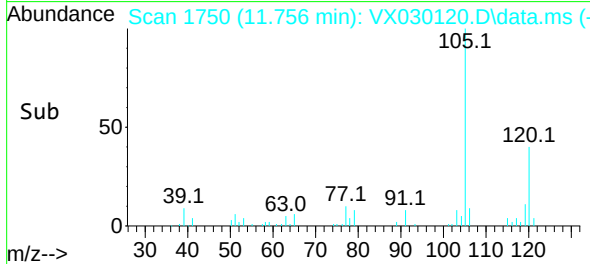
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03



Tgt Ion:105 Resp: 13780
Ion Ratio Lower Upper
105 100
120 47.2 36.2 54.4

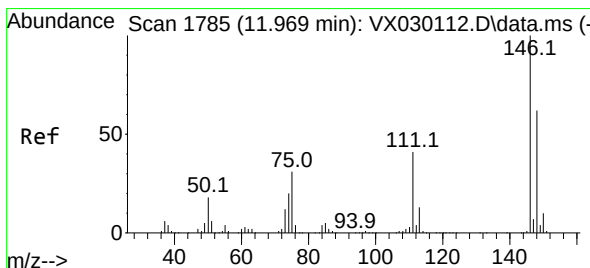
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Reviewed By :John
Carlone

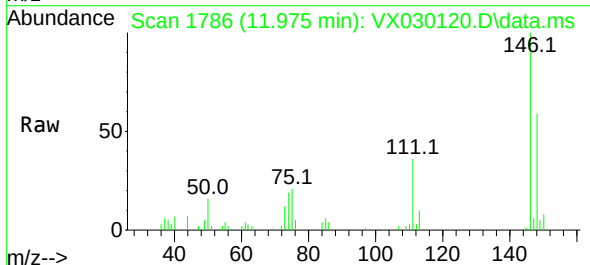


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Supervised By :Mahesh
Dadoda

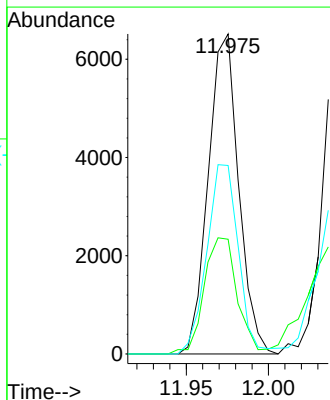
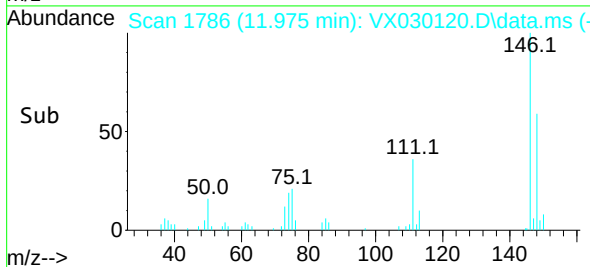
07/20/2022

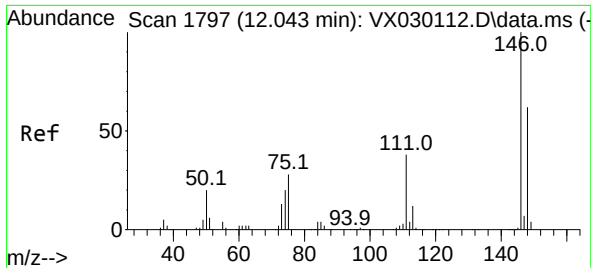


#64
1,3-Dichlorobenzene
Concen: 2.257 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43



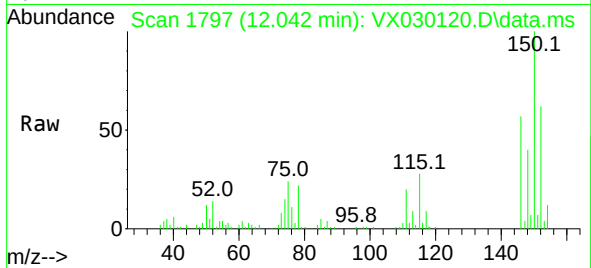
Tgt Ion:146 Resp: 8395
Ion Ratio Lower Upper
146 100
111 35.9 28.4 52.8
148 58.9 43.6 81.0





#65
1,4-Dichlorobenzene
Concen: 2.436 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

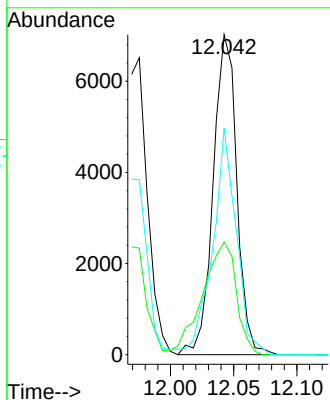
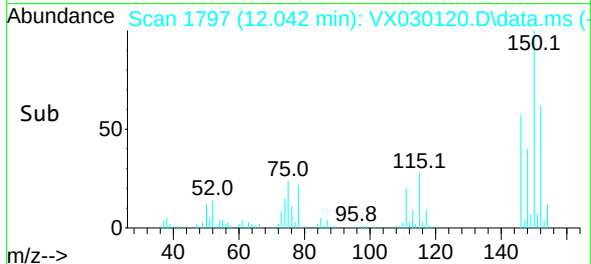
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03



Tgt Ion:146 Resp: 9109
Ion Ratio Lower Upper
146 100
111 35.2 27.0 50.2
148 70.7 43.8 81.3

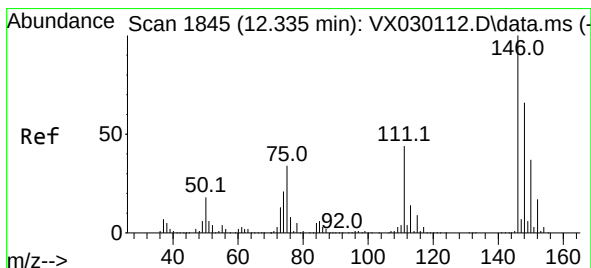
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Reviewed By :John
Carlone

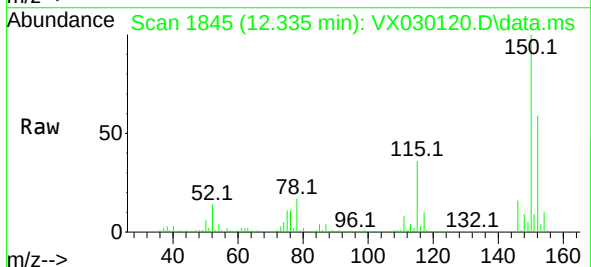


07/20/2022
Supervised By :Mahesh
Dadoda

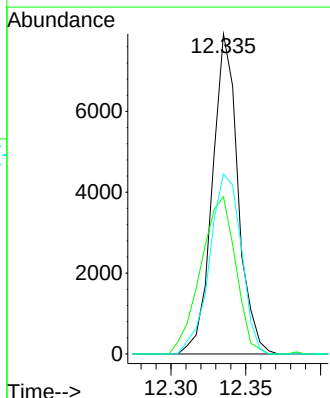
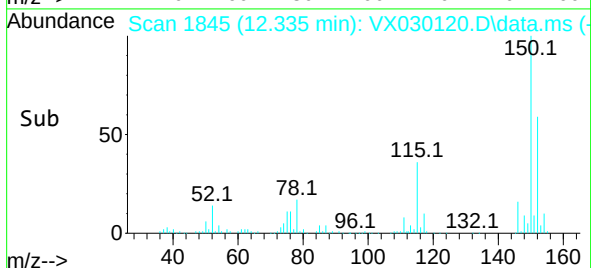
07/20/2022

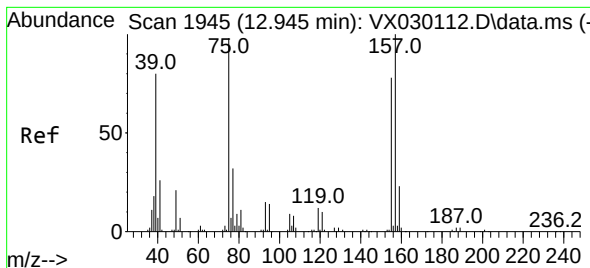


#67
1,2-Dichlorobenzene
Concen: 2.492 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43



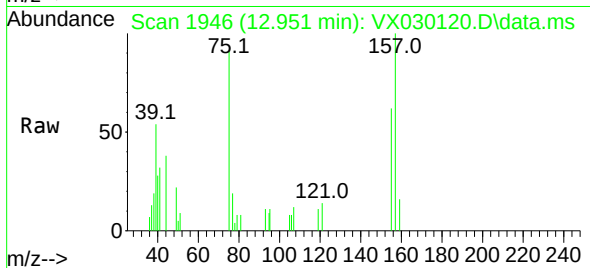
Tgt Ion:146 Resp: 9431
Ion Ratio Lower Upper
146 100
111 49.1 35.4 53.0
148 56.3 52.5 78.7





#68
1,2-Dibromo-3-chloropropane
Concen: 2.105 ug/L
RT: 12.951 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

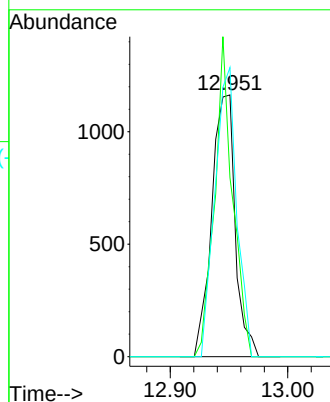
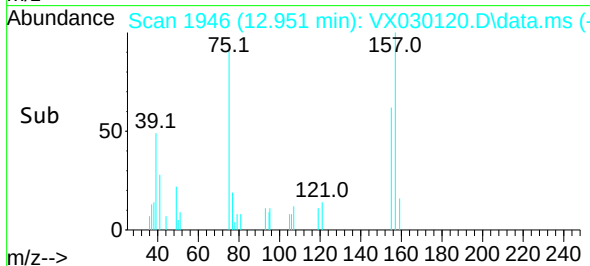
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03



Tgt Ion: 75 Resp: 1618
Ion Ratio Lower Upper
75 100
155 68.4 63.6 95.4
157 110.5 81.8 122.8

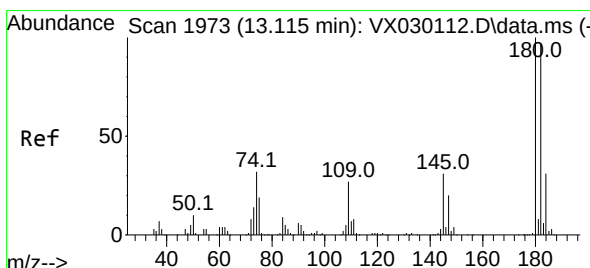
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Reviewed By :John
Carlone



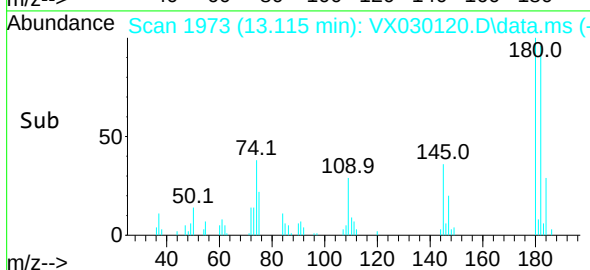
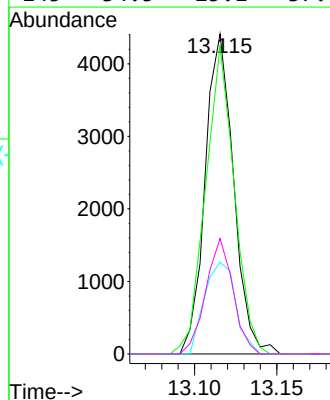
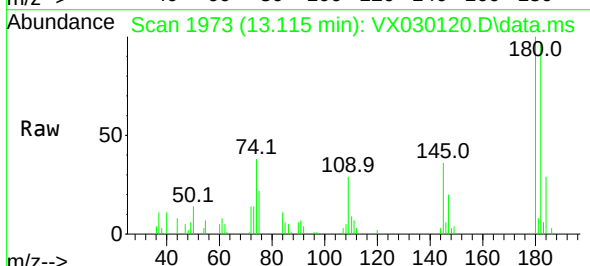
07/20/2022
Supervised By :Mahesh
Dadoda

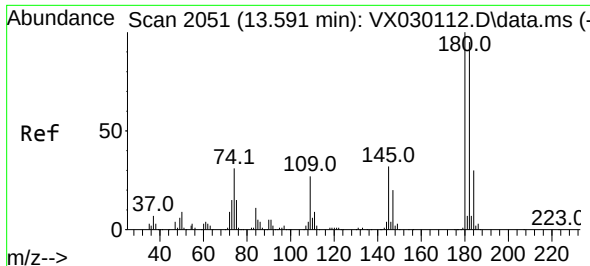
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#69
1,3,5-Trichlorobenzene
Concen: 2.113 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

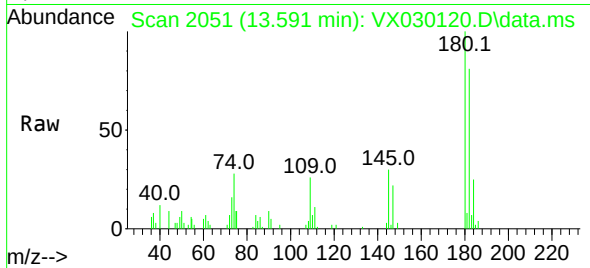
Tgt Ion:180 Resp: 5306
Ion Ratio Lower Upper
180 100
182 97.1 75.1 112.7
184 31.3 23.8 35.6
145 34.5 25.1 37.7





#70
1,2,4-trichlorobenzene
Concen: 2.405 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43

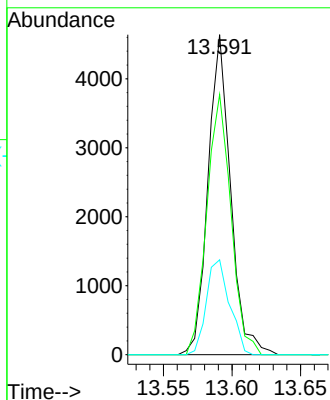
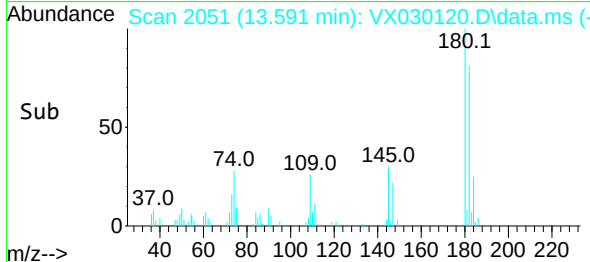
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-03



Tgt Ion:180 Resp: 530
Ion Ratio Lower Upper
180 100
182 87.0 75.2 112.8
145 30.8 26.2 39.2

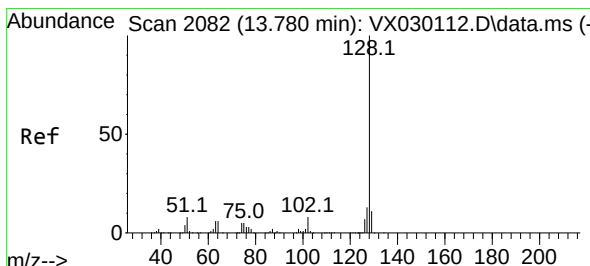
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Reviewed By :John
Carlone

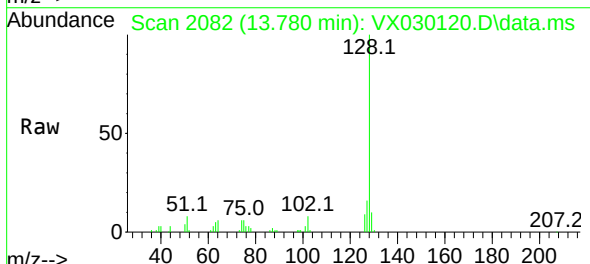


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Supervised By :Mahesh
Dadoda

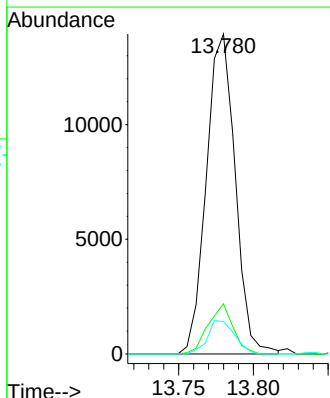
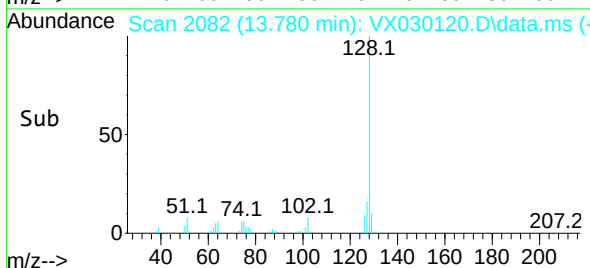
07/20/2022

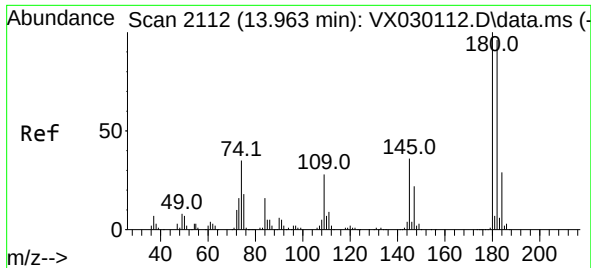


#71
Naphthalene
Concen: 2.075 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030120.D
Acq: 19 Jul 2022 16:43



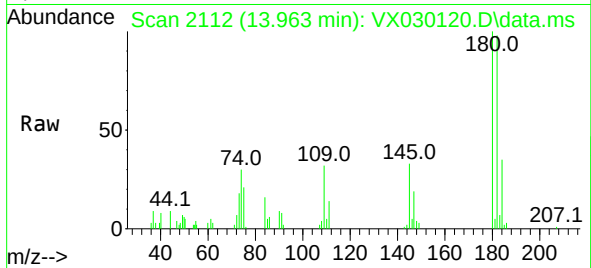
Tgt Ion:128 Resp: 18711
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 9.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 2.240 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX030120.D
 Acq: 19 Jul 2022 16:43

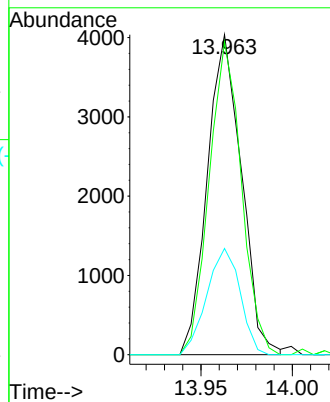
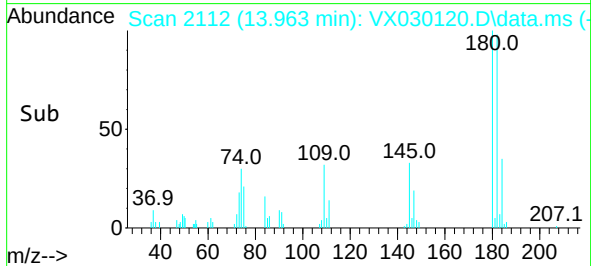
Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-QT2-2022-03



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	75.9	113.9
145	32.4	28.0	42.0

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 Carlone



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 Dadoda

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