

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072022\
 Data File : VX030127.D
 Acq On : 20 Jul 2022 12:12
 Operator : JC/MD
 Sample : N3670-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-QT2-2022-04

Quant Time: Jul 21 07:08:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 06:57:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

07/21/2022
 07/22/2022 By :Mahesh
 Dadoda

07/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	263135	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	235149	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	110784	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.368	65	95352	46.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.920%
7) Chloroethane-d5	1.666	69	71811	50.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.120%
11) 1,1-Dichloroethene-d2	2.306	63	154661	38.957	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.920%
21) 2-Butanone-d5	4.465	46	222939	110.449	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.450%
24) Chloroform-d	5.062	84	205548	49.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.660%
26) 1,2-Dichloroethane-d4	5.958	65	133228	51.106	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.220%
32) Benzene-d6	5.977	84	448886	51.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.720%
36) 1,2-Dichloropropane-d6	7.312	67	144853	52.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.380%
41) Toluene-d8	8.653	98	397567	50.340	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.680%
43) trans-1,3-Dichloroprop...	8.952	79	52268	44.340	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.680%
47) 2-Hexanone-d5	9.384	63	155835	111.956	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.960%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	194399	52.484	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.960%
66) 1,2-Dichlorobenzene-d4	12.323	152	136639	53.207	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.420%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	5185	2.353	ug/L	98
3) Chloromethane	1.288	50	4752	2.413	ug/L #	77
5) Vinyl chloride	1.374	62	5178	2.522	ug/L #	60
6) Bromomethane	1.611	94	2459	2.655	ug/L	96
8) Chloroethane	1.685	64	2871	2.534	ug/L	93
9) Trichlorofluoromethane	1.886	101	6725	2.530	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	5686	3.026	ug/L #	86
12) 1,1-Dichloroethene	2.319	96	5383	2.972	ug/L #	1
13) Acetone	2.386	43	7430	6.612	ug/L	100
14) Carbon disulfide	2.508	76	12254	2.404	ug/L	97
15) Methyl Acetate	2.709	43	7332	2.865	ug/L	97
16) Methylene chloride	2.788	84	7897	3.611	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	4894	2.539	ug/L	95
18) Methyl tert-butyl Ether	3.123	73	14537	2.448	ug/L	96
19) 1,1-Dichloroethane	3.605	63	9004	2.555	ug/L	89
20) cis-1,2-Dichloroethene	4.495	96	6041	2.699	ug/L	90
22) 2-Butanone	4.580	43	10471m	5.450	ug/L	
23) Bromochloromethane	4.897	128	3038m	2.728	ug/L	
27) 1,2-Dichloroethane	6.092	62	7414m	2.699	ug/L	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.477	56	8100	2.512	ug/L	93
30) 1,1,1-Trichloroethane	5.385	97	7408m	2.561	ug/L	
31) Carbon tetrachloride	5.672	117	5498m	2.307	ug/L	
33) Benzene	6.044	78	20418	2.494	ug/L	100
35) Methylcyclohexane	7.385	83	7962	2.413	ug/L	97
37) 1,2-Dichloropropane	7.434	63	5441	2.539	ug/L #	97
38) Bromodichloromethane	7.824	83	5964	2.275	ug/L #	94
39) cis-1,3-Dichloropropene	8.372	75	6138	2.004	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	17431	5.001	ug/L	100
42) Toluene	8.720	91	21363	2.513	ug/L	92
44) trans-1,3-Dichloropropene	8.982	75	6614	2.306	ug/L	91
45) 1,1,2-Trichloroethane	9.159	97	5514	2.689	ug/L	91
46) Tetrachloroethene	9.275	164	3693	2.431	ug/L	94
49) Dibromochloromethane	9.525	129	4825	2.351	ug/L	99
50) 1,2-Dibromoethane	9.610	107	5716	2.625	ug/L #	81
51) Chlorobenzene	10.079	112	13218	2.474	ug/L	95
52) Ethylbenzene	10.195	91	20321	2.243	ug/L	99
53) m,p-Xylene	10.305	106	7873	2.229	ug/L	92
54) o-Xylene	10.646	106	8058	2.349	ug/L	93
55) Styrene	10.659	104	12559	2.125	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	9151	2.828	ug/L #	91
59) Bromoform	10.805	173	3151	2.435	ug/L	99
60) Isopropylbenzene	10.963	105	19070	2.349	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	6980	2.840	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	15397	2.295	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	14792	2.211	ug/L	94
64) 1,3-Dichlorobenzene	11.969	146	9557	2.676	ug/L	92
65) 1,4-Dichlorobenzene	12.043	146	9437	2.628	ug/L	94
67) 1,2-Dichlorobenzene	12.341	146	9850	2.711	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.945	75	1677	2.272	ug/L #	90
69) 1,3,5-Trichlorobenzene	13.115	180	5919	2.454	ug/L	93
70) 1,2,4-trichlorobenzene	13.591	180	5170	2.442	ug/L	98
71) Naphthalene	13.780	128	19272	2.225	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	5091	2.264	ug/L	94

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

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ClientSampleId :
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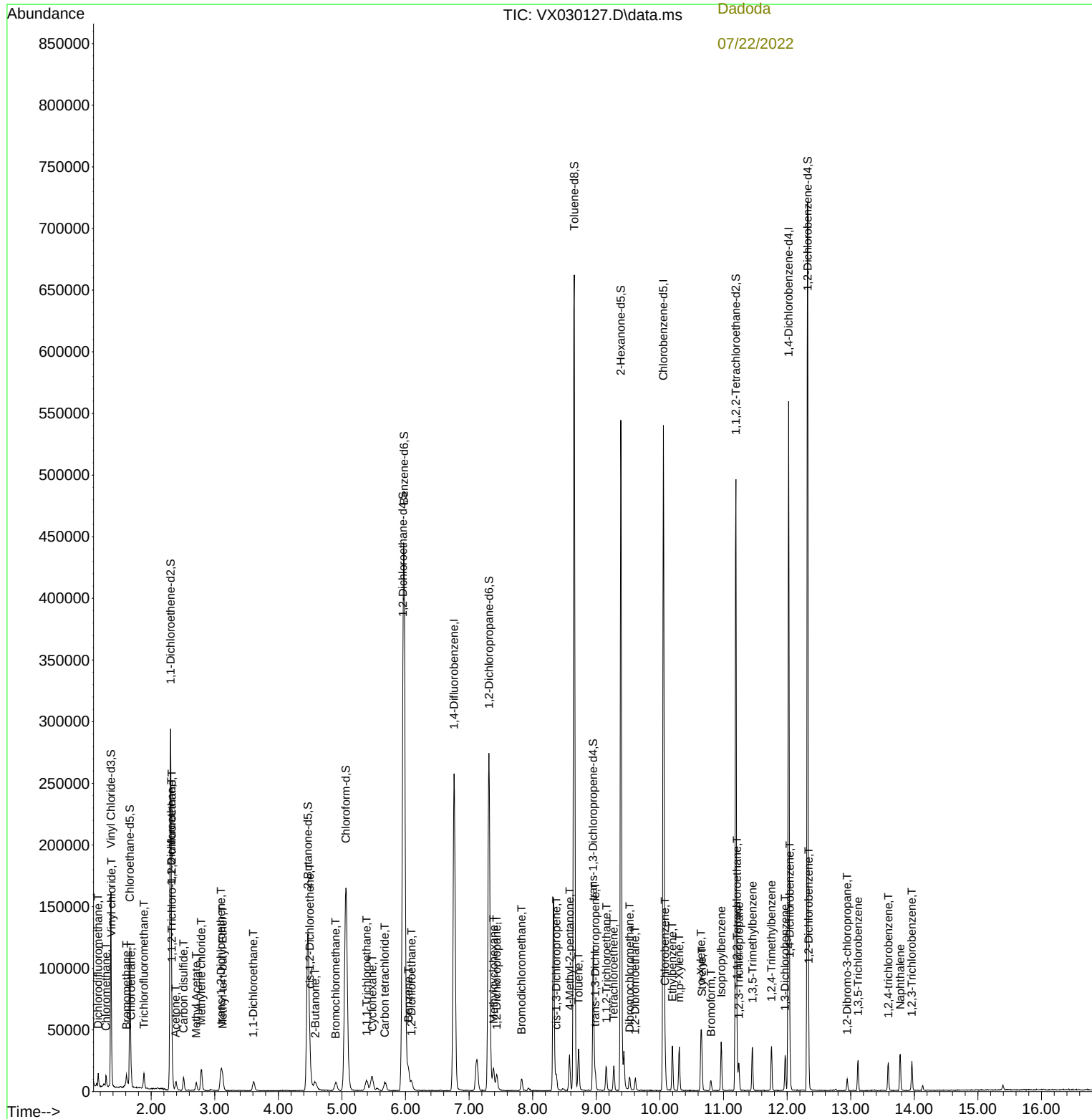
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM071922WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 21 06:57:25 2022
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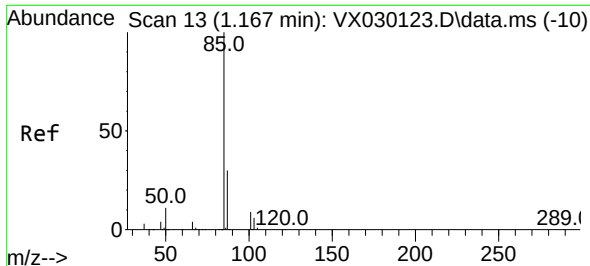
Manual Integrations
APPROVED

Reviewed By :John
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07/21/2022
Supervised By :Mahesh
Dadoda

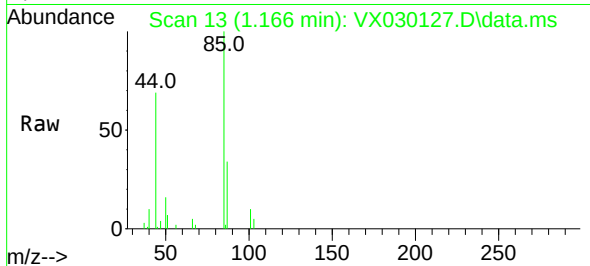
07/22/2022





#2
Dichlorodifluoromethane
Concen: 2.353 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-04



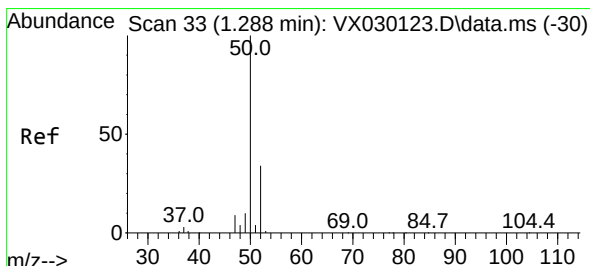
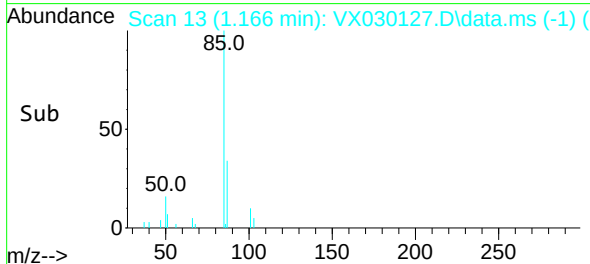
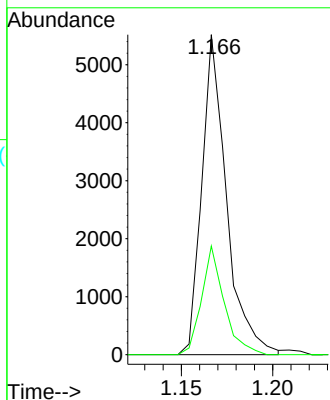
Tgt Ion: 85 Resp: 518
Ion Ratio Lower Upper
85 100
87 31.0 25.7 38.5

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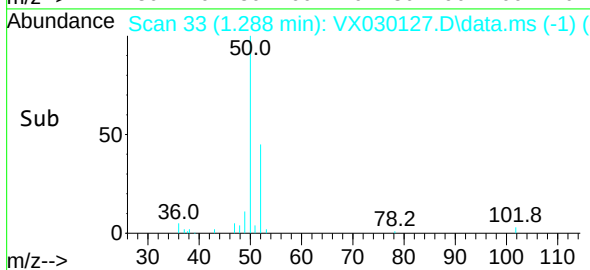
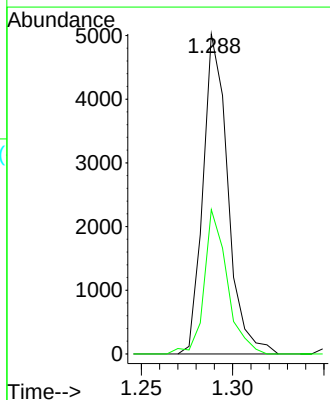
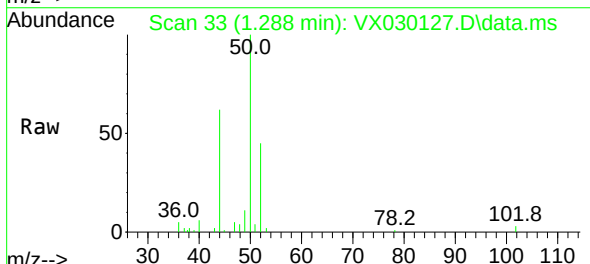
07/21/2022
Supervised By :Mahesh
Dadoda

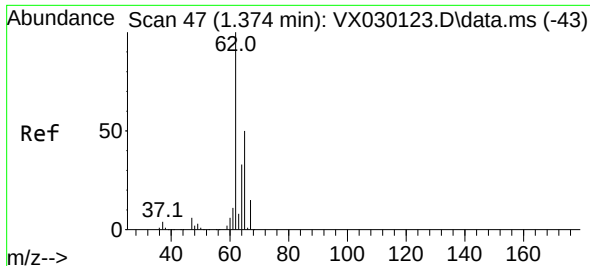
07/22/2022



#3
Chloromethane
Concen: 2.413 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

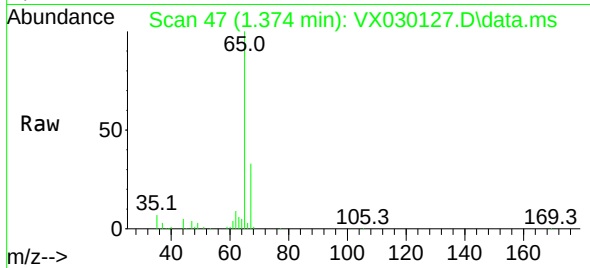
Tgt Ion: 50 Resp: 4752
Ion Ratio Lower Upper
50 100
52 45.1 22.6 42.0#





#5
 Vinyl chloride
 Concen: 2.522 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030127.D
 Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-QT2-2022-04



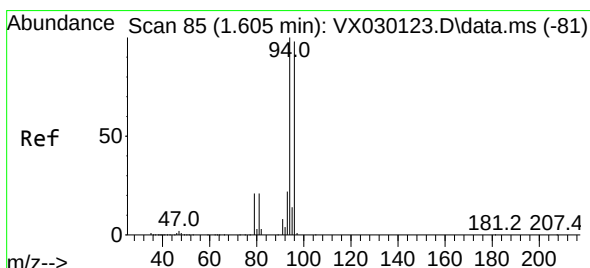
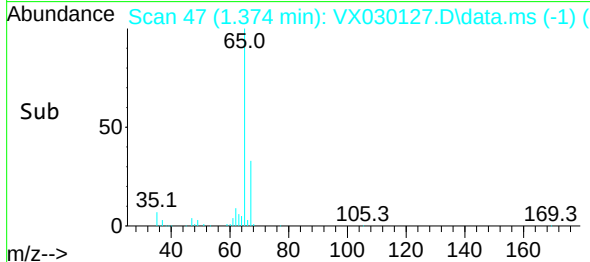
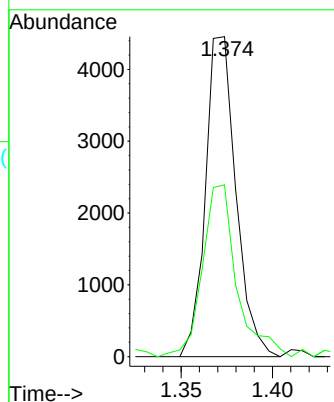
Tgt Ion: 62 Resp: 5178
 Ion Ratio Lower Upper
 62 100
 64 53.7 22.1 41.1

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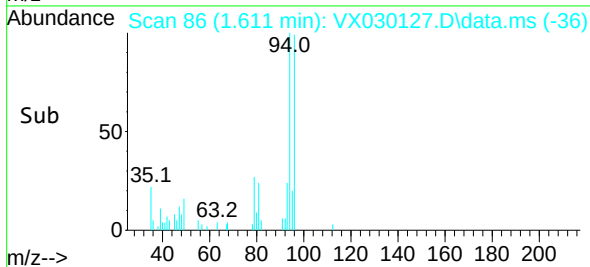
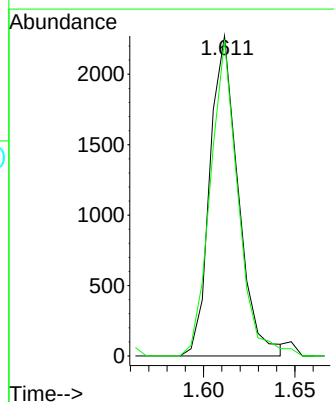
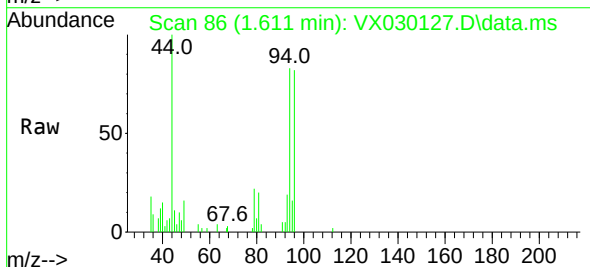
07/21/2022
 Supervised By :Mahesh
 Dadoda

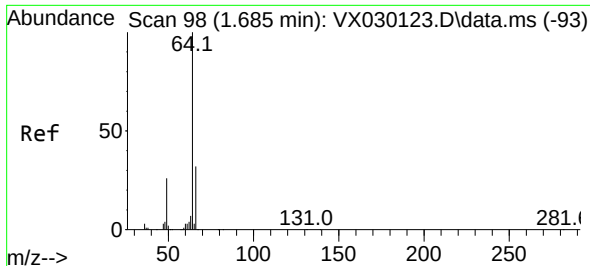
07/22/2022



#6
 Bromomethane
 Concen: 2.655 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.006 min
 Lab File: VX030127.D
 Acq: 20 Jul 2022 12:12

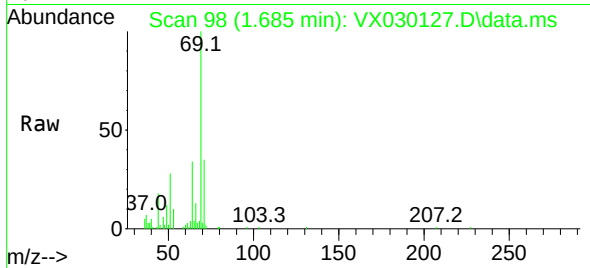
Tgt Ion: 94 Resp: 2459
 Ion Ratio Lower Upper
 94 100
 96 98.8 66.5 123.5





#8
Chloroethane
Concen: 2.534 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
Client Sample Id : MDL-WATER-QT2-2022-04



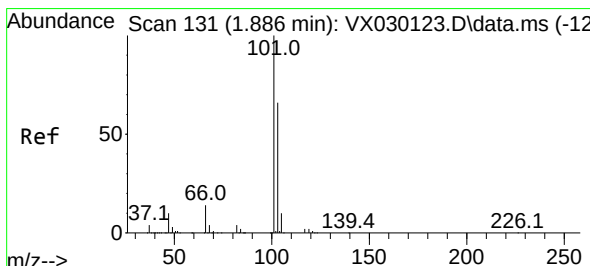
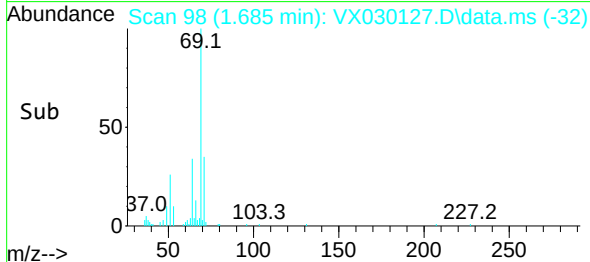
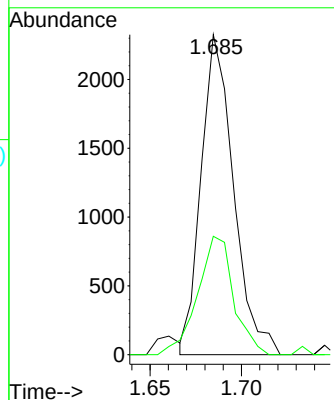
Tgt Ion: 64 Resp: 287
Ion Ratio Lower Upper
64 100
66 37.0 23.0 42.6

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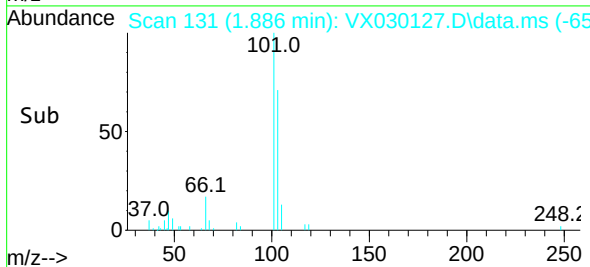
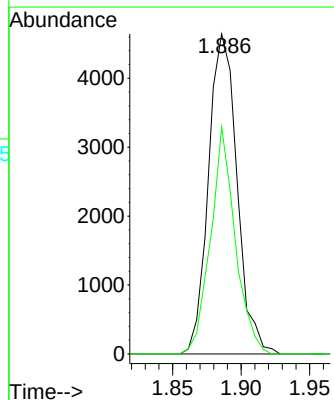
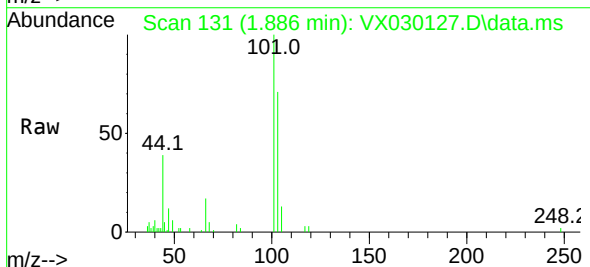
07/21/2022
Supervised By :Mahesh
Dadoda

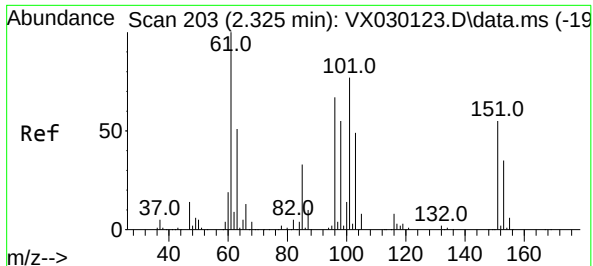
07/22/2022



#9
Trichlorofluoromethane
Concen: 2.530 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Tgt Ion:101 Resp: 6725
Ion Ratio Lower Upper
101 100
103 61.3 51.8 77.6





#10

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

Concen: 3.026 ug/L

RT: 2.325 min Scan# 203

Delta R.T. -0.000 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion:	101	Resp:	568
Ion Ratio	Lower	Upper	
101	100		
85	31.5	34.1	51.1
151	63.8	59.4	89.2

Manual Integrations

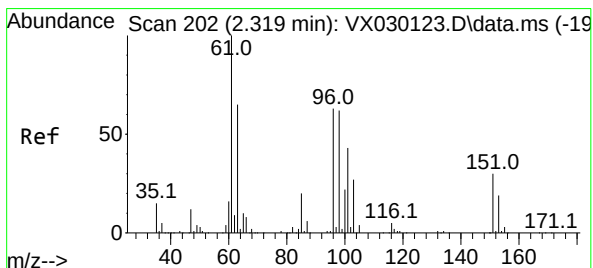
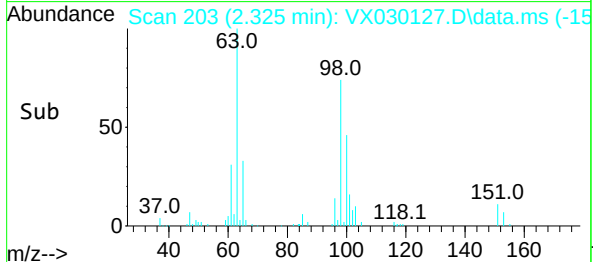
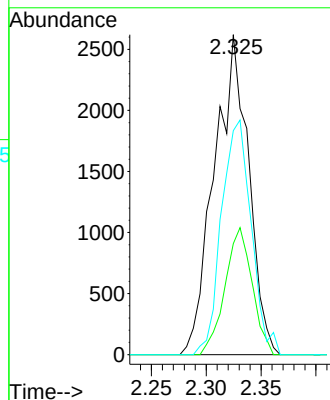
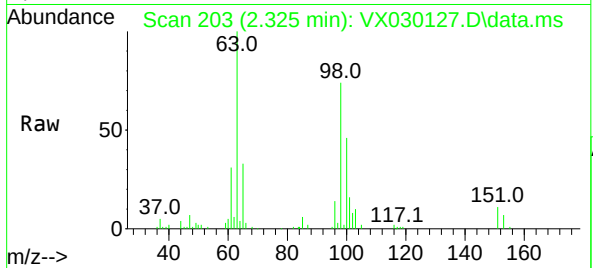
APPROVED

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Dadoda

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#12

1,1-Dichloroethene

Concen: 2.972 ug/L

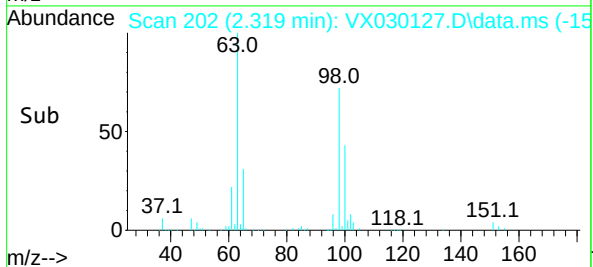
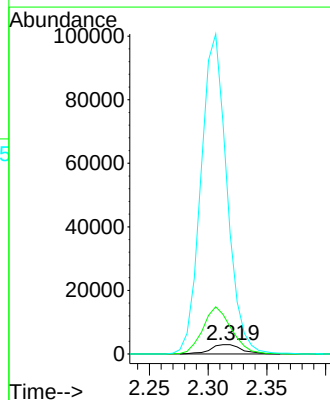
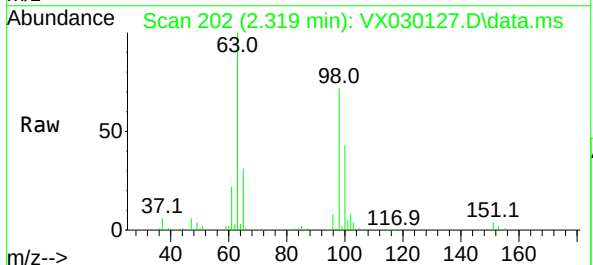
RT: 2.319 min Scan# 202

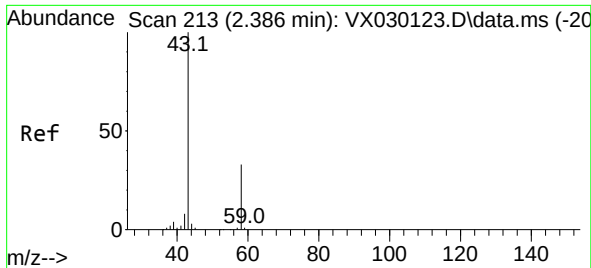
Delta R.T. -0.000 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

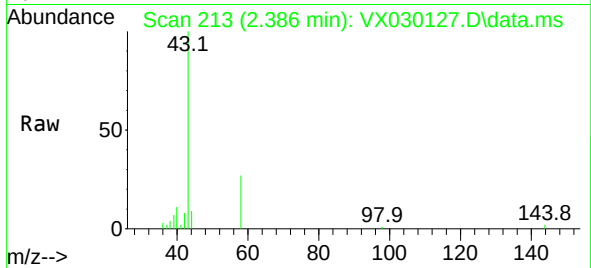
Tgt Ion:	96	Resp:	5383
Ion Ratio	Lower	Upper	
96	100		
61	290.6	115.1	213.7#
63	1296.2	104.1	193.3#





#13
Acetone
Concen: 6.612 ug/L
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
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ClientSampleId : MDL-WATER-QT2-2022-04



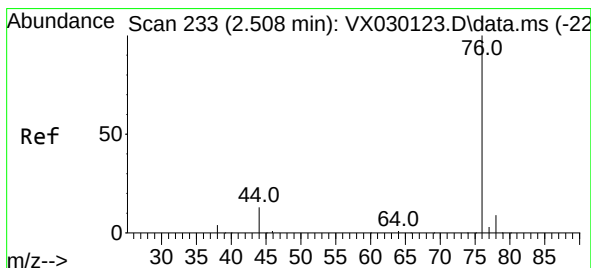
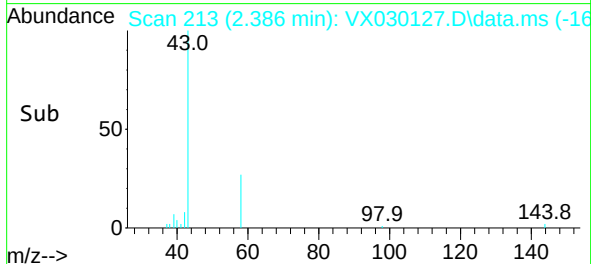
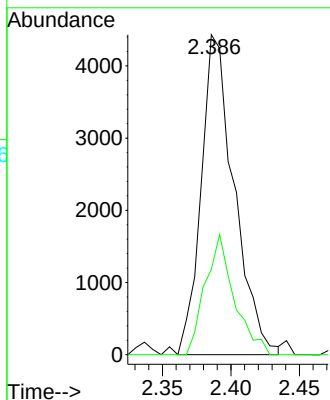
Tgt Ion: 43 Resp: 7430
Ion Ratio Lower Upper
43 100
58 33.0 0.0 65.6

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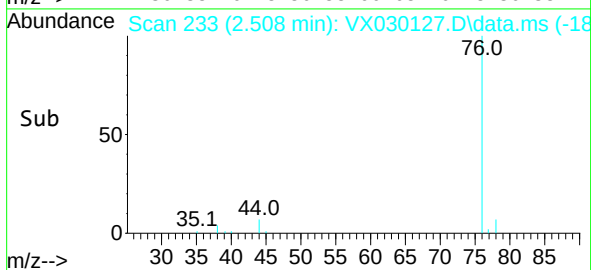
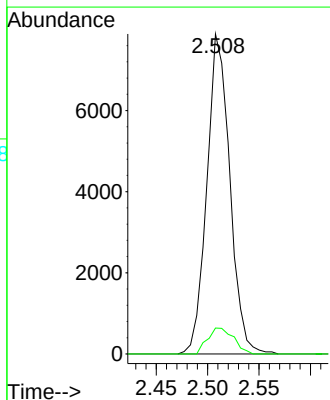
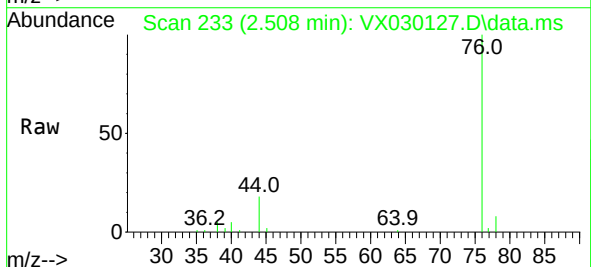
07/21/2022
Supervised By :Mahesh
Dadoda

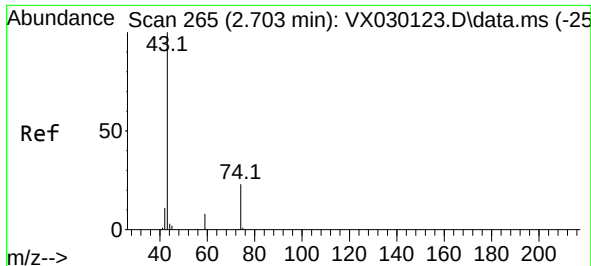
07/22/2022



#14
Carbon disulfide
Concen: 2.404 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

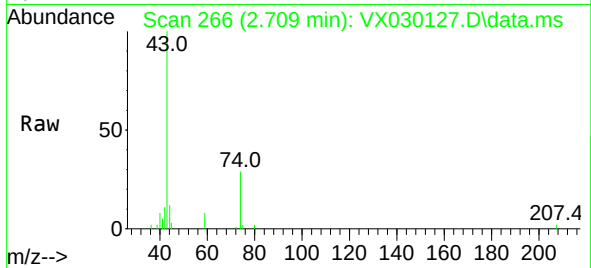
Tgt Ion: 76 Resp: 12254
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9





#15
Methyl Acetate
Concen: 2.865 ug/L
RT: 2.709 min Scan# 207
Delta R.T. 0.006 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2022-04



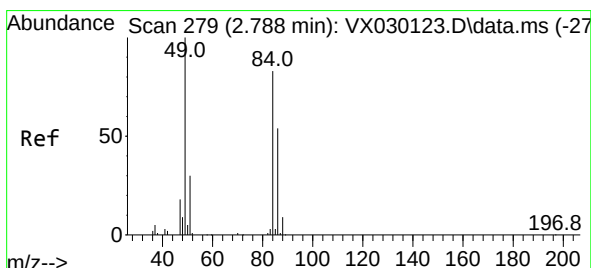
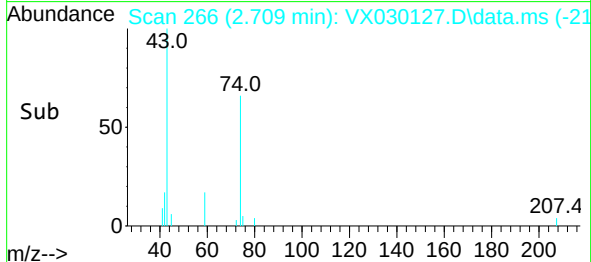
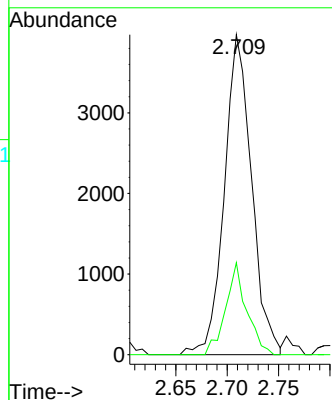
Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
74 22.2 18.7 28.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

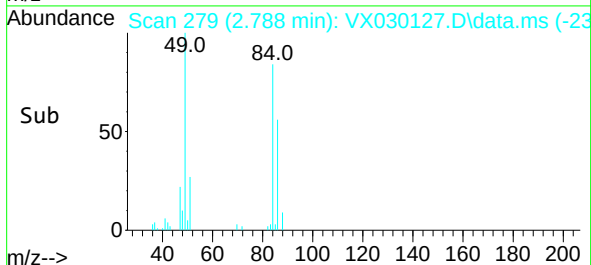
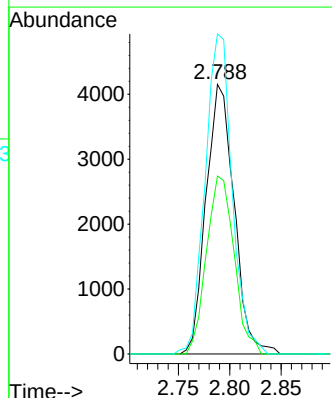
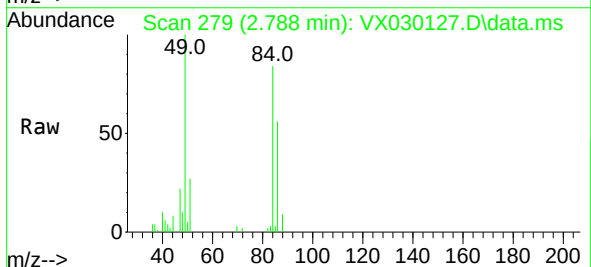
07/21/2022
Supervised By :Mahesh
Dadoda

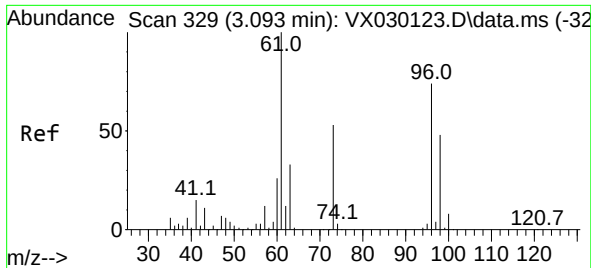
07/22/2022



#16
Methylene chloride
Concen: 3.611 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

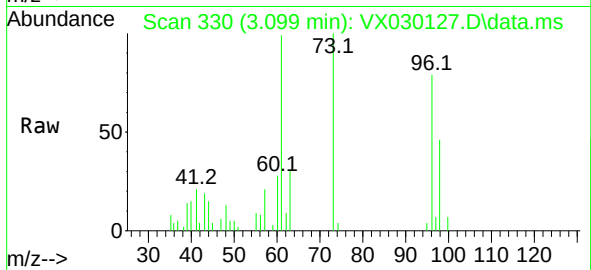
Tgt Ion: 84 Resp: 7897
Ion Ratio Lower Upper
84 100
86 66.0 44.8 83.2
49 118.7 80.6 149.6





#17
trans-1,2-Dichloroethene
Concen: 2.539 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2022-04



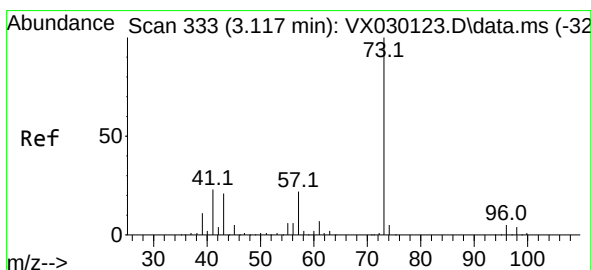
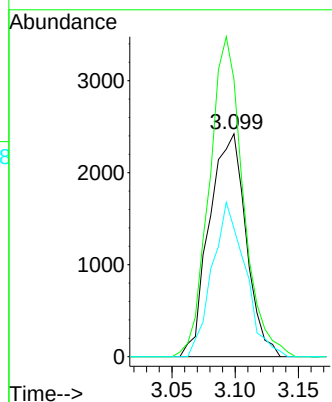
Tgt Ion: 96 Resp: 4894
Ion Ratio Lower Upper
96 100
61 124.3 90.4 168.0
98 57.6 43.8 81.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

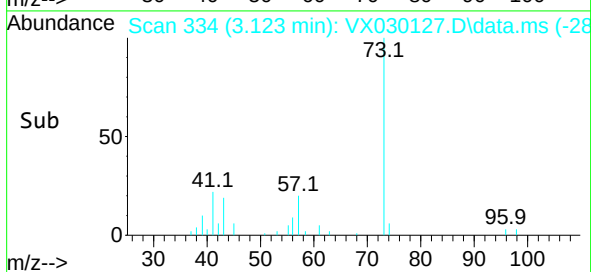
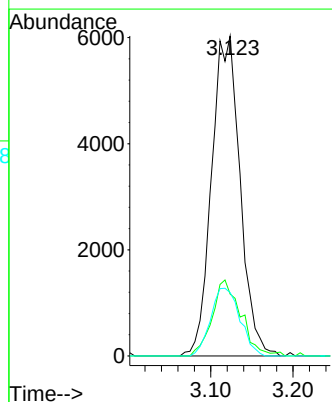
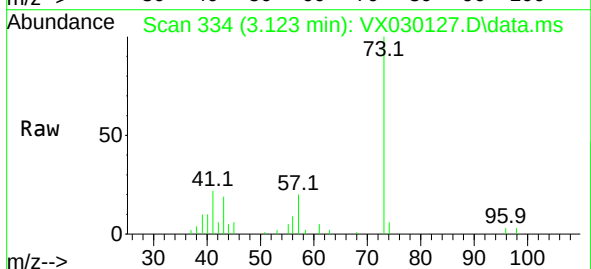
07/21/2022
Supervised By :Mahesh
Dadoda

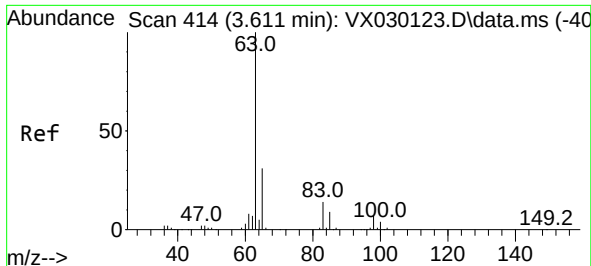
07/22/2022



#18
Methyl tert-butyl Ether
Concen: 2.448 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Tgt Ion: 73 Resp: 14537
Ion Ratio Lower Upper
73 100
43 23.7 16.2 24.4
57 21.8 17.7 26.5





#19

1,1-Dichloroethane

Concen: 2.555 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX030127.D

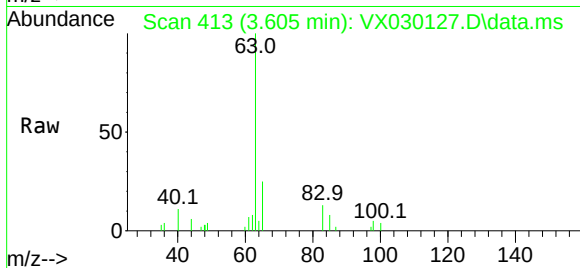
Acq: 20 Jul 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2022-04



Tgt Ion:	63	Resp:	9004
Ion Ratio	100	Lower	Upper
63	100		
65	24.8	23.4	43.6
83	12.8	9.3	17.3

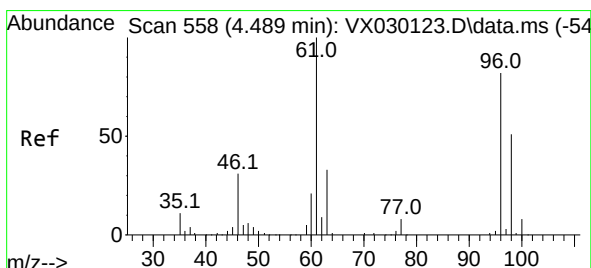
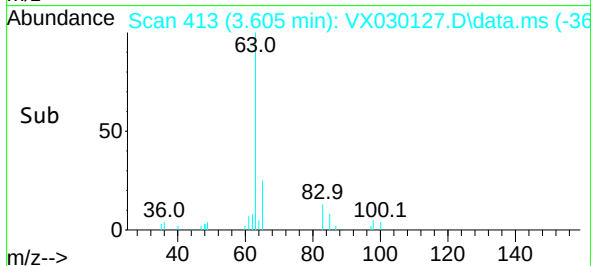
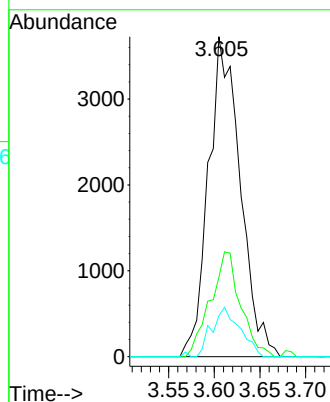
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/21/2022

Supervised By :Mahesh
Dadoda

07/22/2022



#20

cis-1,2-Dichloroethene

Concen: 2.699 ug/L

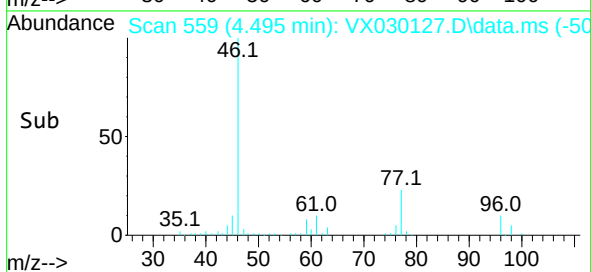
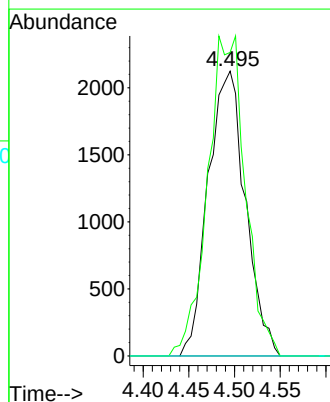
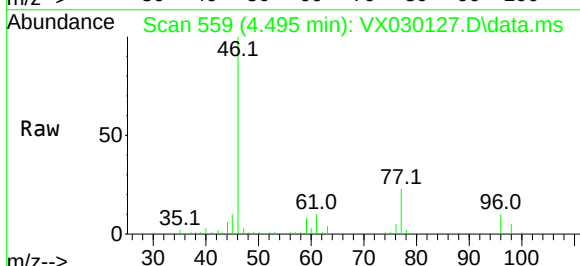
RT: 4.495 min Scan# 559

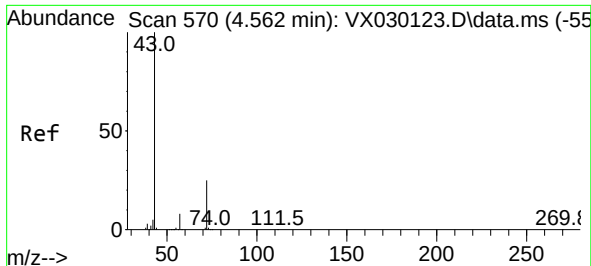
Delta R.T. 0.006 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

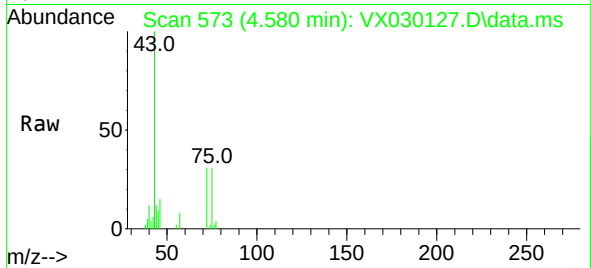
Tgt Ion:	96	Resp:	6041
Ion Ratio	100	Lower	Upper
96	100		
61	106.6	82.1	152.5
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 5.450 ug/L m
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2022-04



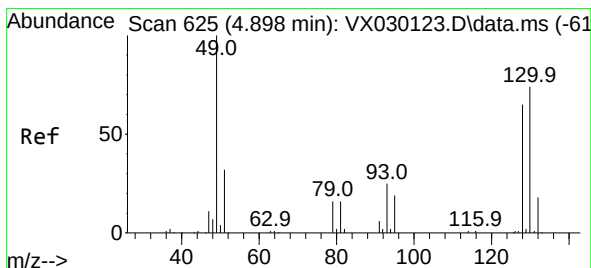
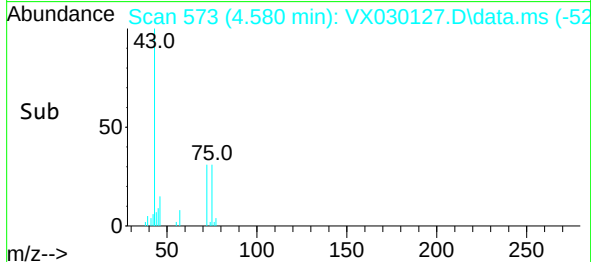
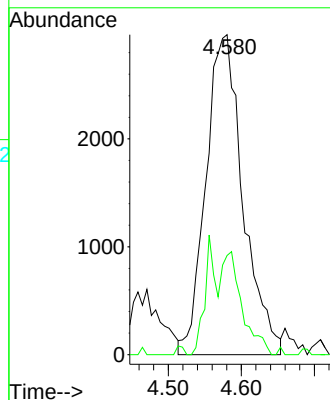
Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
72 12.4 13.1 39.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

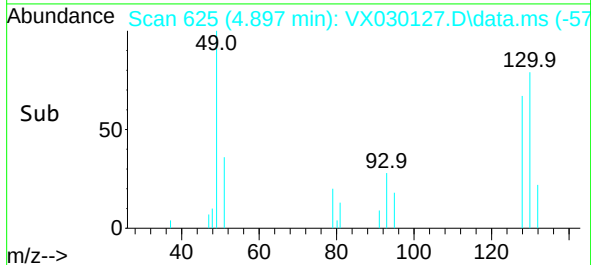
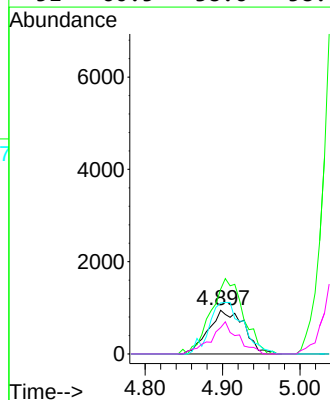
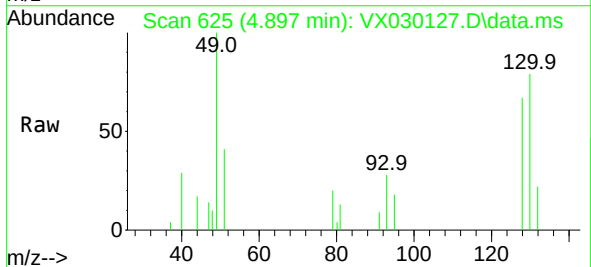
07/21/2022
Supervised By :Mahesh
Dadoda

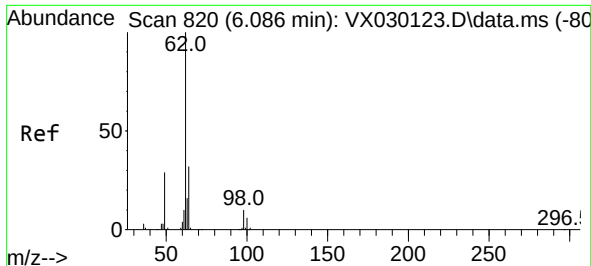
07/22/2022



#23
Bromochloromethane
Concen: 2.728 ug/L m
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Tgt Ion:128 Resp: 3038
Ion Ratio Lower Upper
128 100
49 148.2 110.0 204.4
130 116.9 86.0 159.6
51 60.5 38.6 58.0#





#27

1,2-Dichloroethane

Concen: 2.699 ug/L m

RT: 6.092 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX030127.D

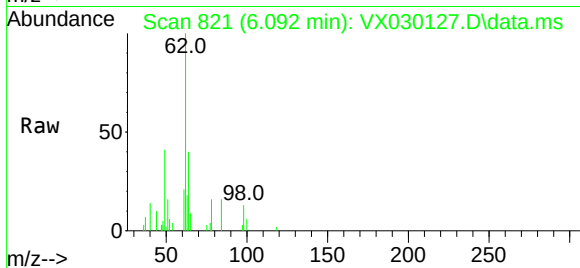
Acq: 20 Jul 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2022-04



Tgt Ion: 62 Resp: 7414

Ion	Ratio	Lower	Upper
62	100		
98	12.8	8.0	12.0

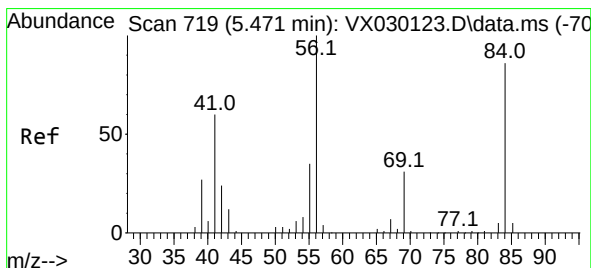
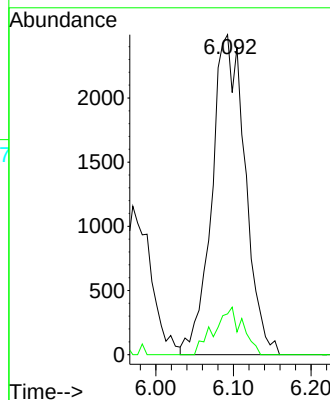
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/21/2022

Supervised By :Mahesh
Dadoda

07/22/2022



#29

Cyclohexane

Concen: 2.512 ug/L

RT: 5.477 min Scan# 720

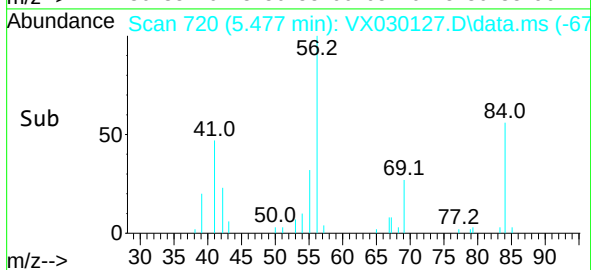
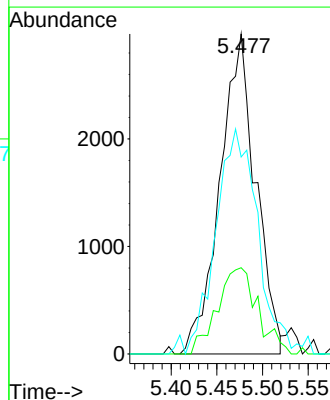
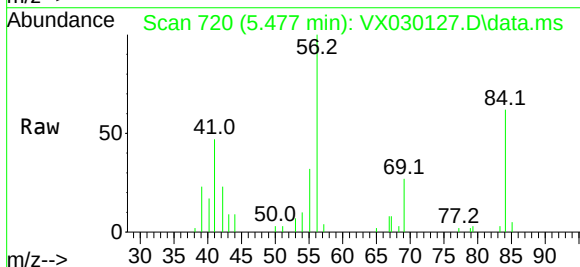
Delta R.T. 0.006 min

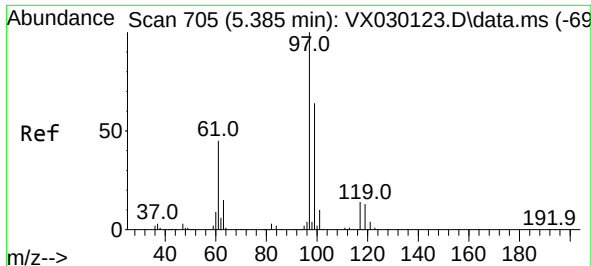
Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

Tgt Ion: 56 Resp: 8100

Ion	Ratio	Lower	Upper
56	100		
69	25.5	24.2	36.2
84	81.5	70.4	105.6





#30

1,1,1-Trichloroethane

Concen: 2.561 ug/L m

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion: 97	Resp: 7408
Ion Ratio	Lower Upper
97 100	
99 39.0	51.2 76.8
61 34.2	36.8 55.2

Manual Integrations

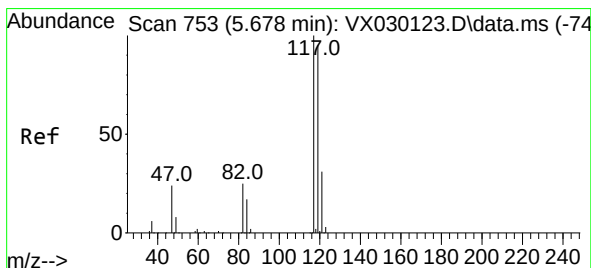
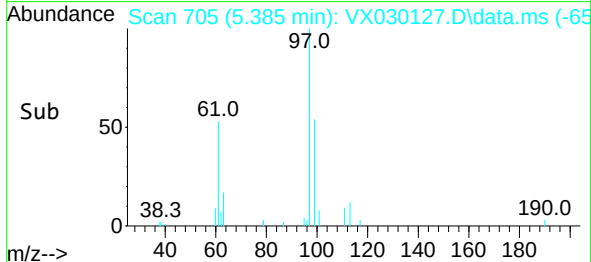
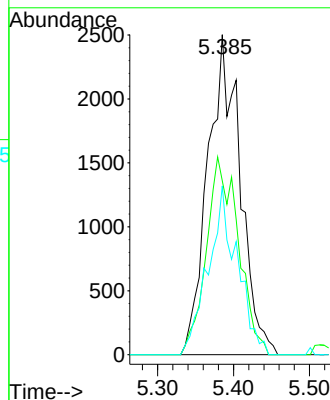
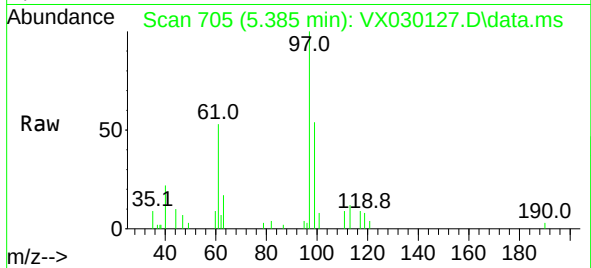
APPROVED

Reviewed By :John
Carlone

07/21/2022

Supervised By :Mahesh
Dadoda

07/22/2022



#31

Carbon tetrachloride

Concen: 2.307 ug/L m

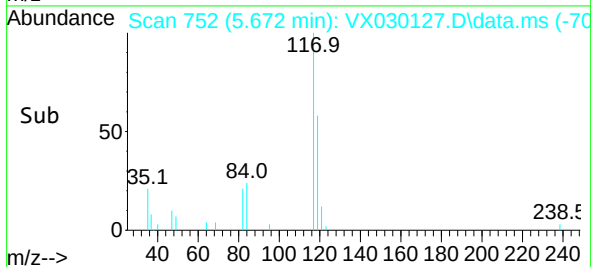
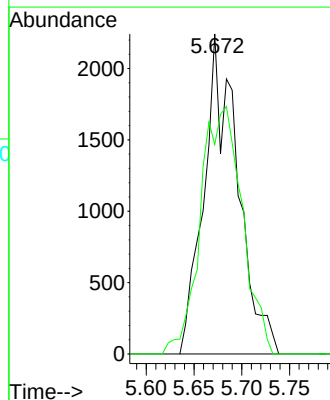
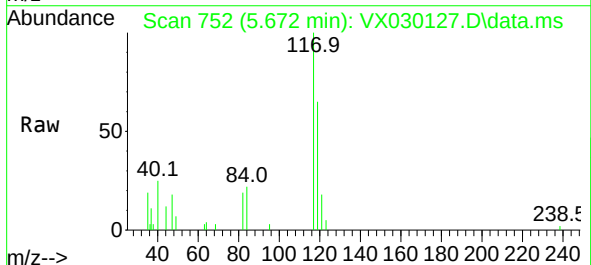
RT: 5.672 min Scan# 752

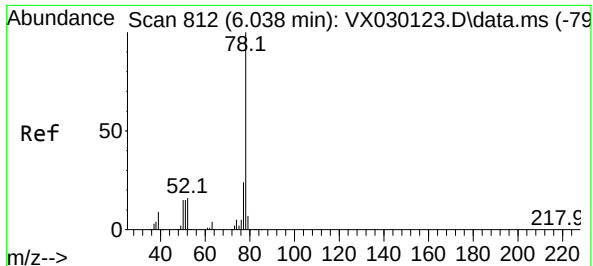
Delta R.T. -0.006 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

Tgt Ion: 117	Resp: 5498
Ion Ratio	Lower Upper
117 100	
119 94.3	77.4 116.2





#33

Benzene

Concen: 2.494 ug/L

RT: 6.044 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion: 78 Resp: 20418

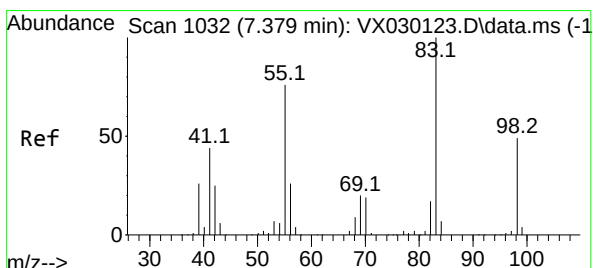
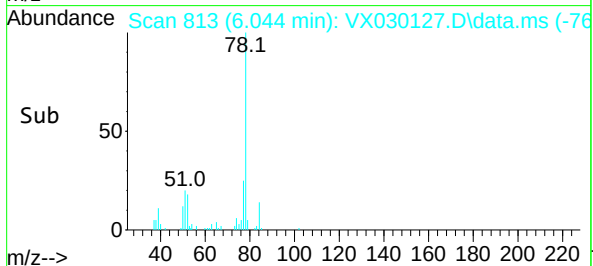
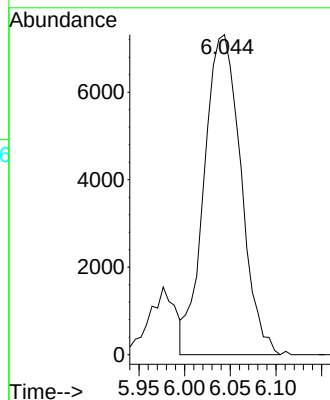
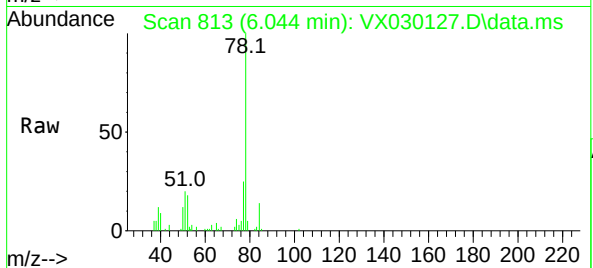
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/21/2022

Supervised By :Mahesh
Dadoda

07/22/2022



#35

Methylcyclohexane

Concen: 2.413 ug/L

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

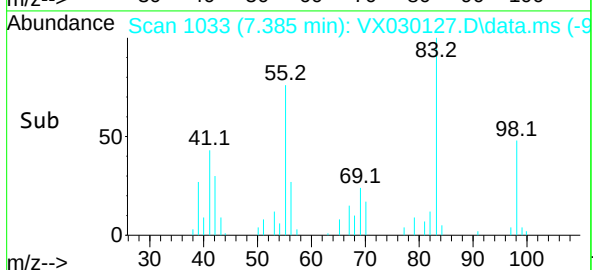
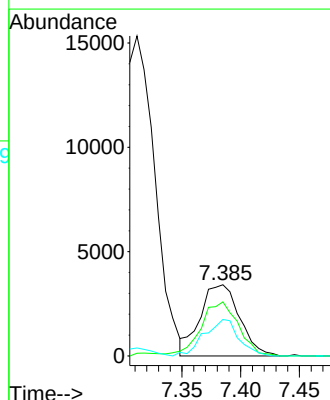
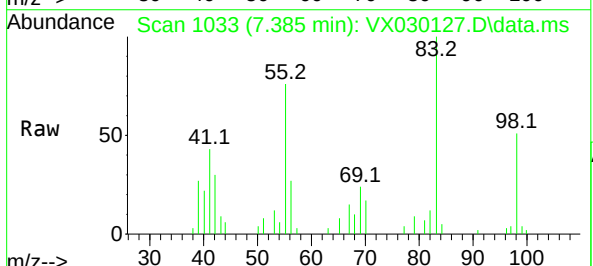
Tgt Ion: 83 Resp: 7962

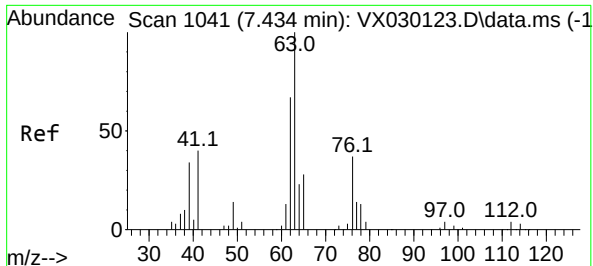
Ion Ratio Lower Upper

83 100

55 72.2 59.7 89.5

98 44.7 37.0 55.6





#37

1,2-Dichloropropane

Concen: 2.539 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion: 63 Resp: 544
 Ion Ratio Lower Upper
 63 100
 112 3.0 3.1 4.7

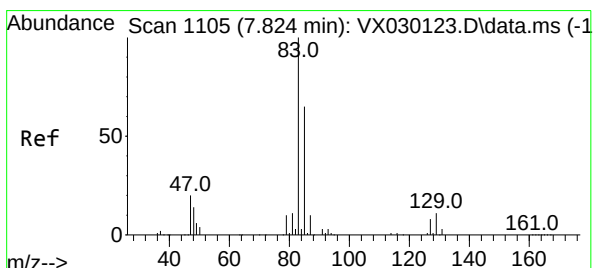
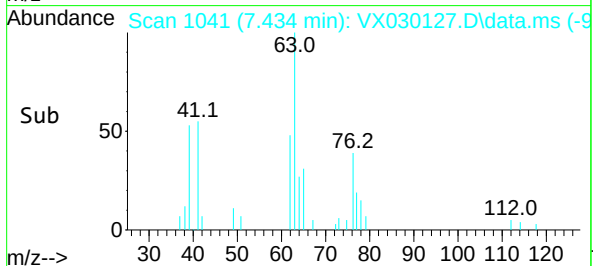
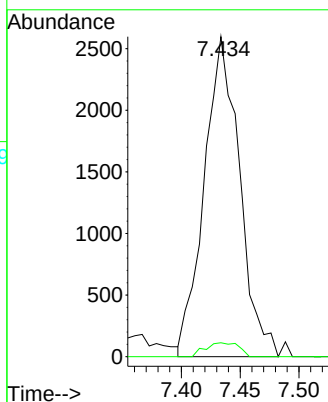
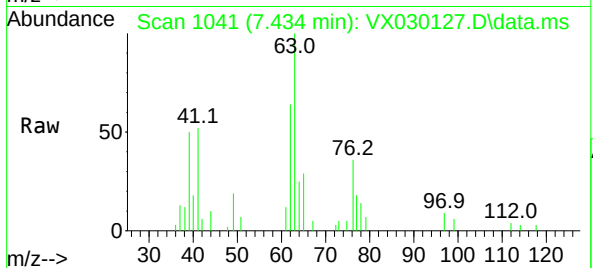
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

07/21/2022

Supervised By :Mahesh
 Dadoda

07/22/2022



#38

Bromodichloromethane

Concen: 2.275 ug/L

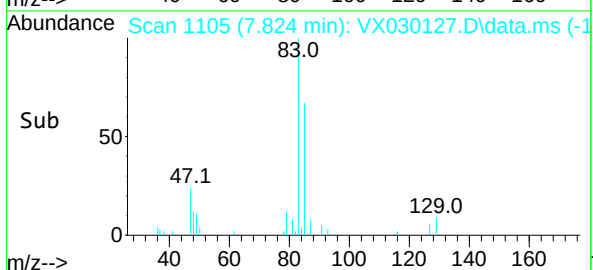
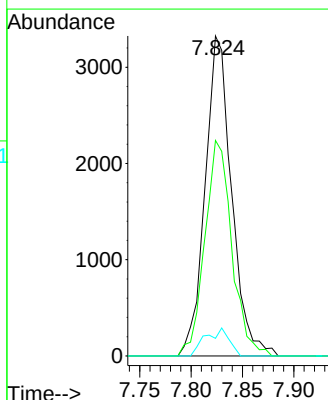
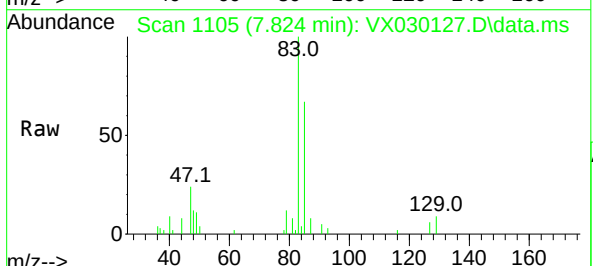
RT: 7.824 min Scan# 1105

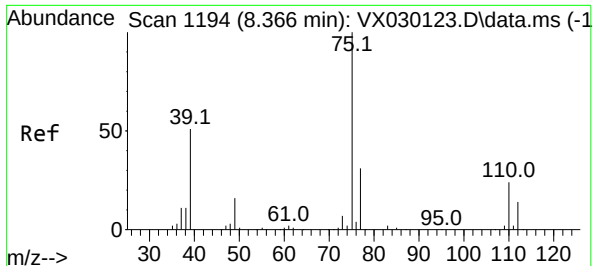
Delta R.T. -0.000 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

Tgt Ion: 83 Resp: 5964
 Ion Ratio Lower Upper
 83 100
 85 67.4 44.0 81.8
 127 5.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 2.004 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion: 75 Resp: 6138
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.3 41.5

Manual Integrations

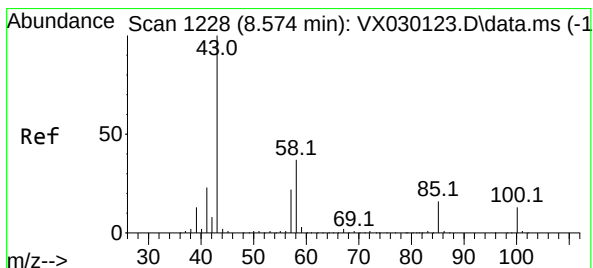
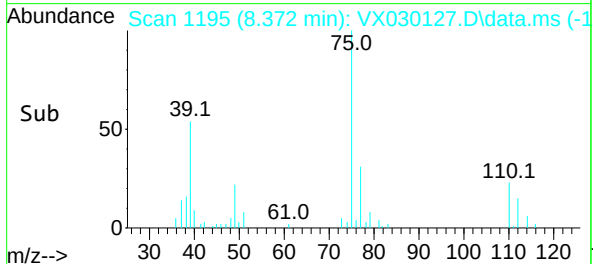
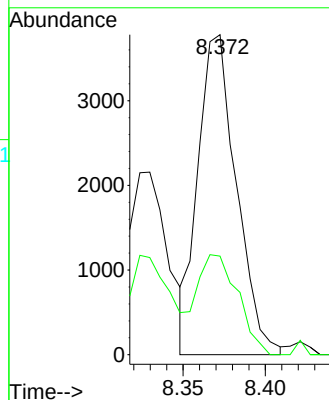
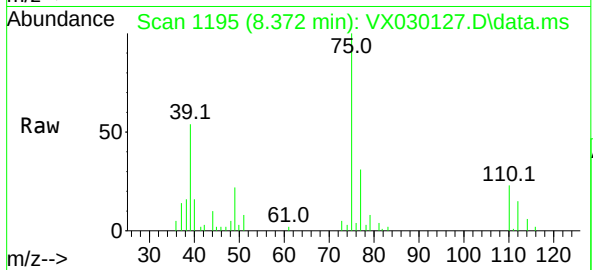
APPROVED

Reviewed By :John
 Carlone

07/21/2022

Supervised By :Mahesh
 Dadoda

07/22/2022



#40

4-Methyl-2-pentanone

Concen: 5.001 ug/L

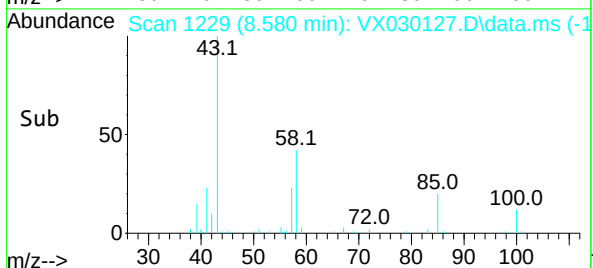
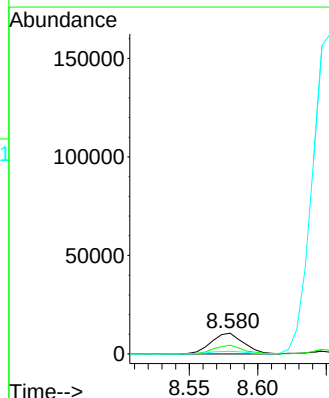
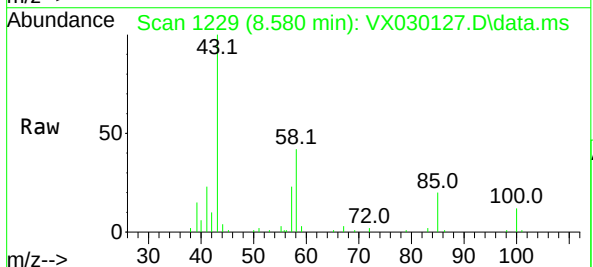
RT: 8.580 min Scan# 1229

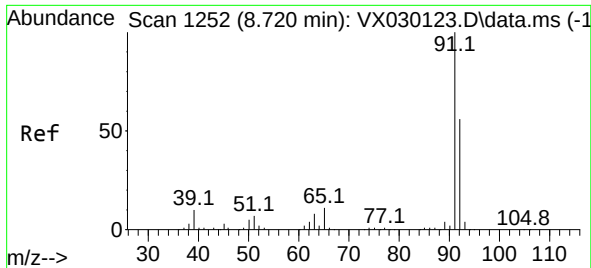
Delta R.T. 0.006 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

Tgt Ion: 43 Resp: 17431
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.9 46.3
 100 14.4 11.5 17.3





#42
Toluene
Concen: 2.513 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-04

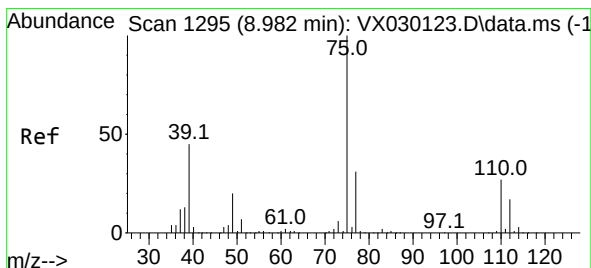
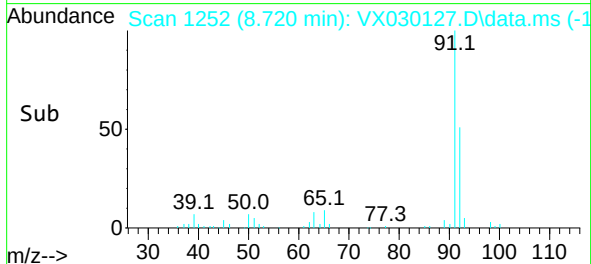
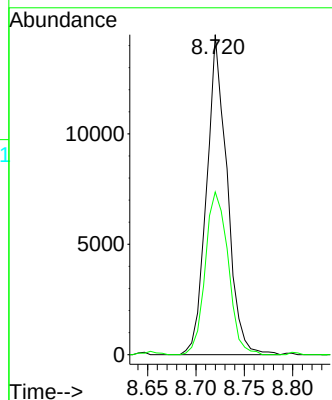
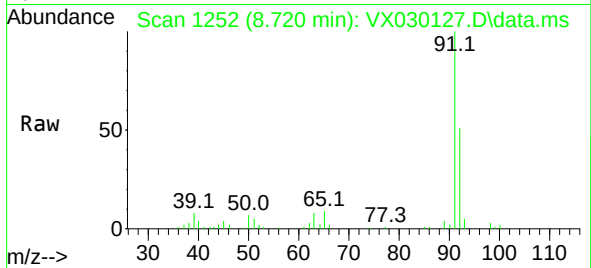
Tgt Ion: 91 Resp: 2136
Ion Ratio Lower Upper
91 100
92 50.9 39.6 73.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

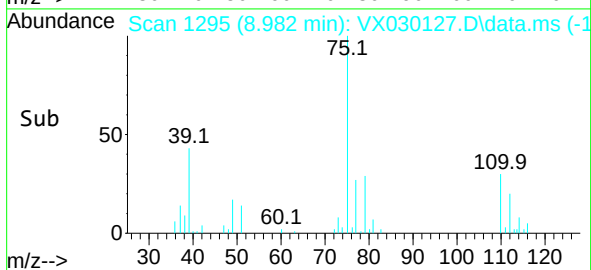
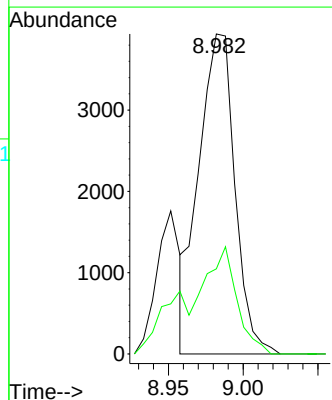
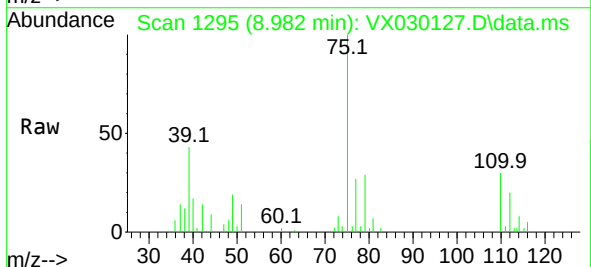
07/21/2022
Supervised By :Mahesh
Dadoda

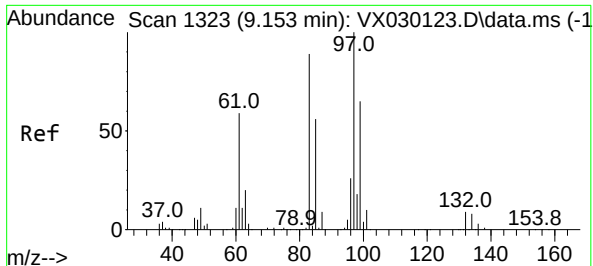
07/22/2022



#44
trans-1,3-Dichloropropene
Concen: 2.306 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

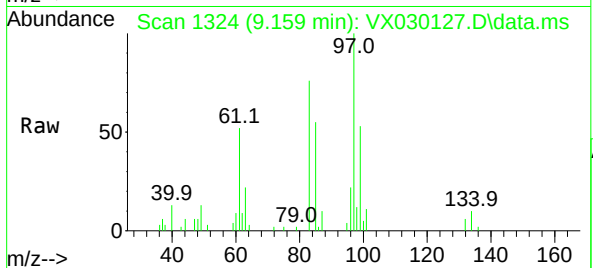
Tgt Ion: 75 Resp: 6614
Ion Ratio Lower Upper
75 100
77 26.6 22.2 41.2





#45
1,1,2-Trichloroethane
Concen: 2.689 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-04



Tgt Ion: 97 Resp: 5514

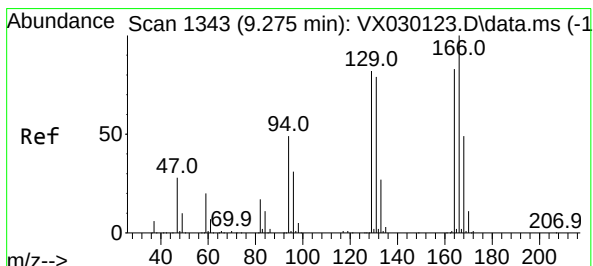
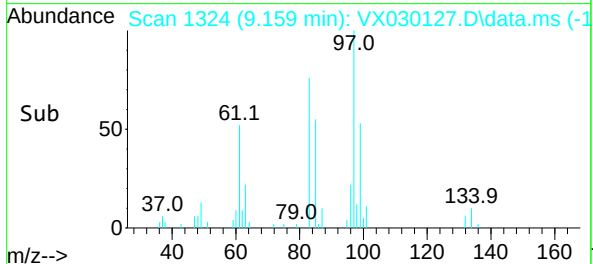
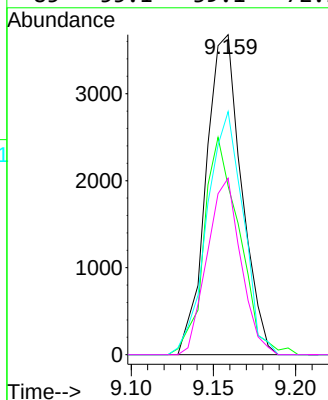
Ion	Ratio	Lower	Upper
97	100		
99	52.7	43.8	81.4
83	76.0	61.2	113.8
85	55.1	39.1	72.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/21/2022
Supervised By :Mahesh
Dadoda

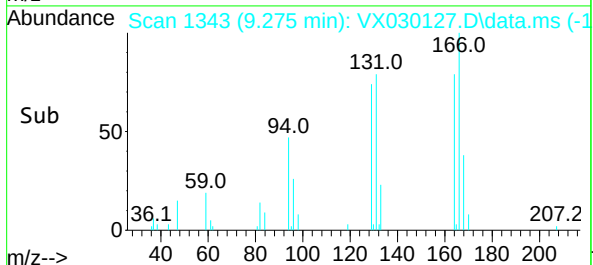
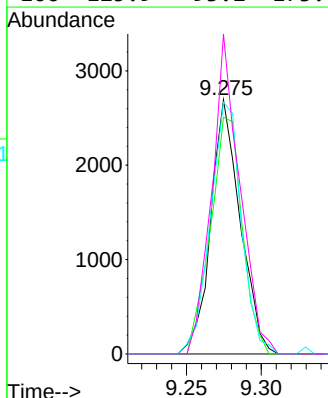
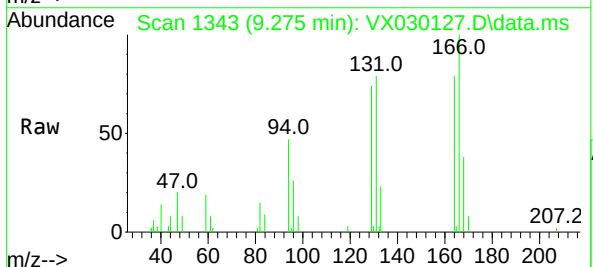
07/22/2022

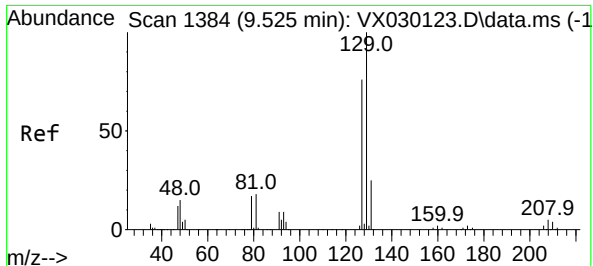


#46
Tetrachloroethene
Concen: 2.431 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Tgt Ion:164 Resp: 3693

Ion	Ratio	Lower	Upper
164	100		
129	93.1	73.0	135.6
131	99.1	70.7	131.3
166	125.9	93.2	173.0





#49

Dibromochloromethane

Concen: 2.351 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2022-04

Tgt Ion:129 Resp: 4825

Ion Ratio Lower Upper

129 100

127 77.6 53.6 99.6

Manual Integrations

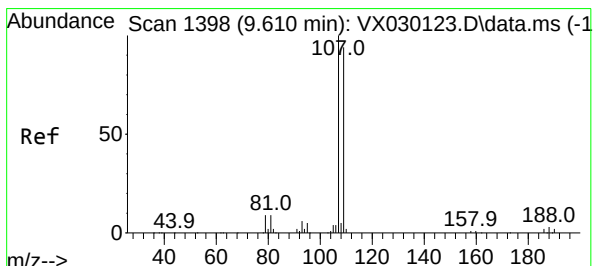
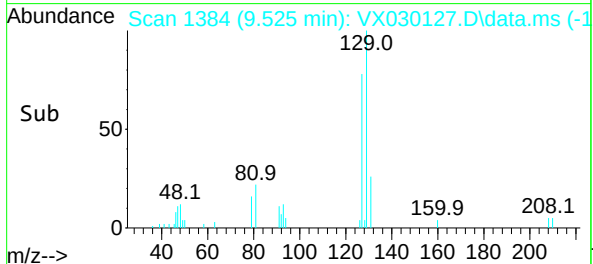
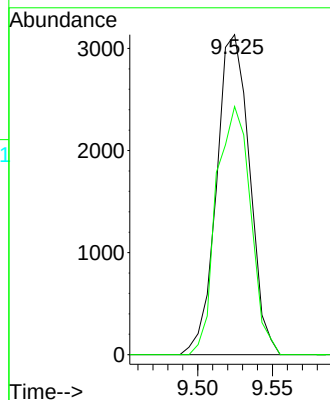
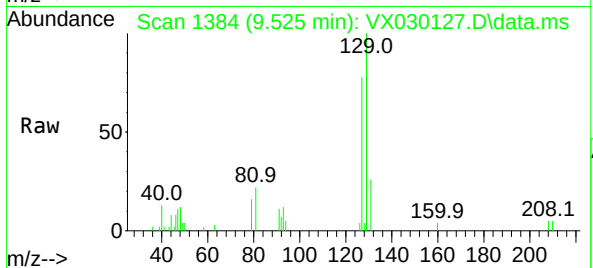
APPROVED

Reviewed By :John
Carlone

07/21/2022

Supervised By :Mahesh
Dadoda

07/22/2022



#50

1,2-Dibromoethane

Concen: 2.625 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX030127.D

Acq: 20 Jul 2022 12:12

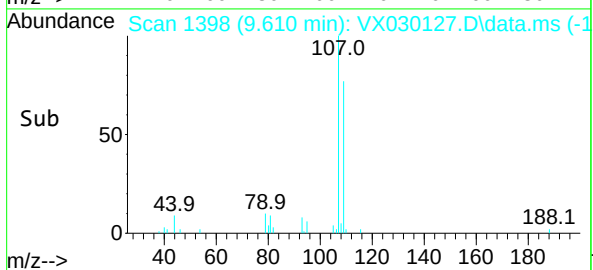
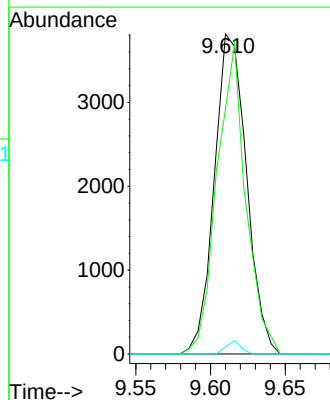
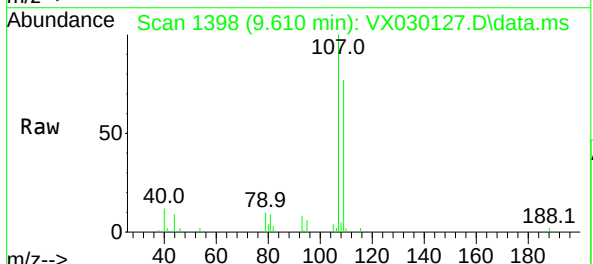
Tgt Ion:107 Resp: 5716

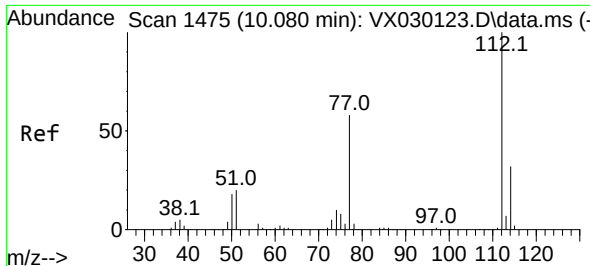
Ion Ratio Lower Upper

107 100

109 76.5 66.9 124.3

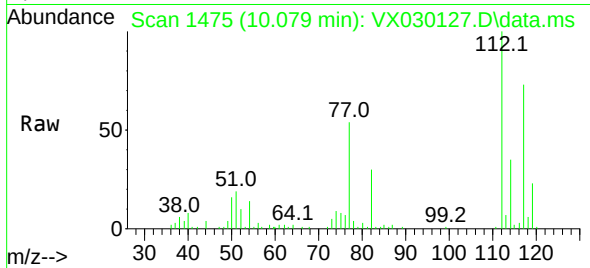
188 2.3 2.4 3.6#





#51
Chlorobenzene
Concen: 2.474 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-04



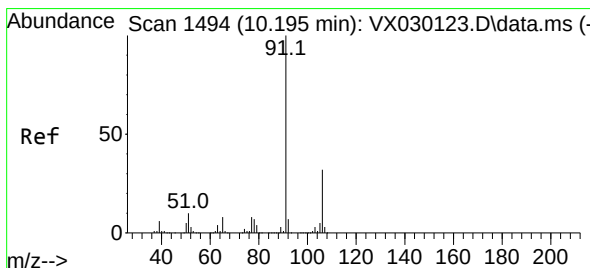
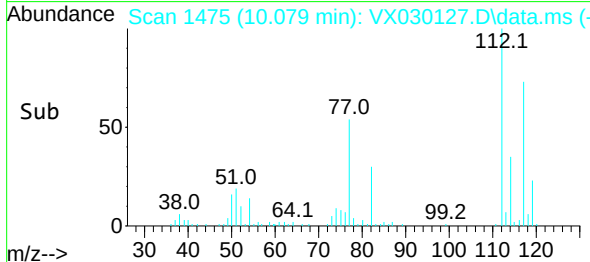
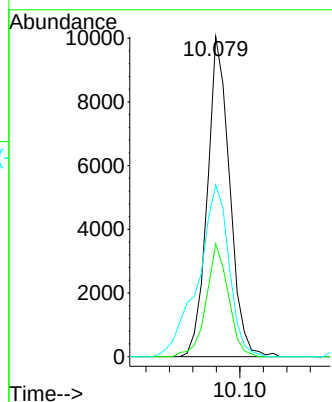
Tgt Ion: 112 Resp: 13218
Ion Ratio Lower Upper
112 100
114 35.2 23.4 43.4
77 53.6 46.7 70.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

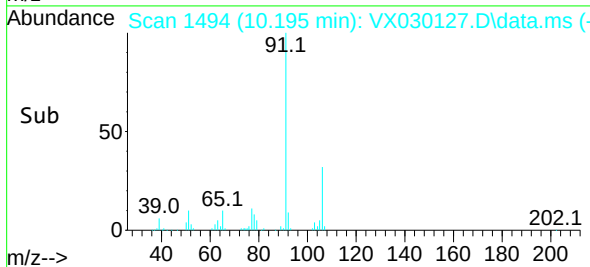
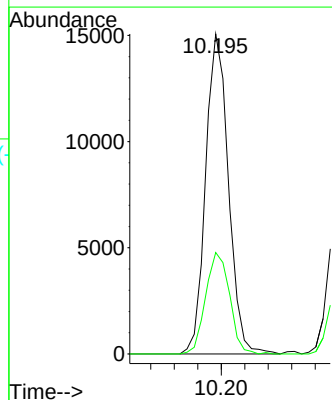
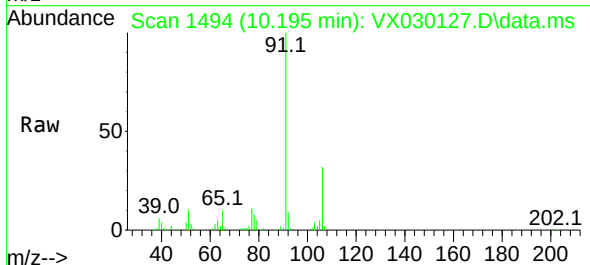
07/21/2022
Supervised By :Mahesh
Dadoda

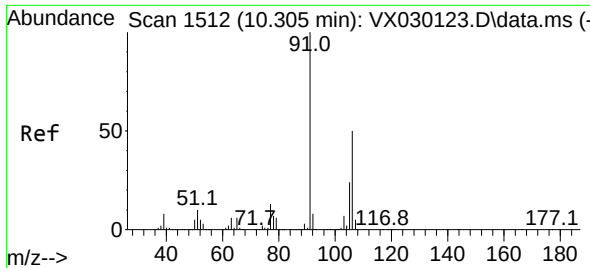
07/22/2022



#52
Ethylbenzene
Concen: 2.243 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

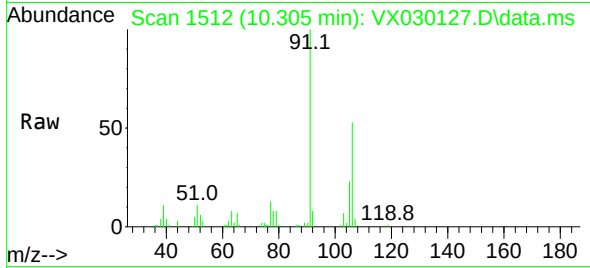
Tgt Ion: 91 Resp: 20321
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3





#53
m,p-Xylene
Concen: 2.229 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-04



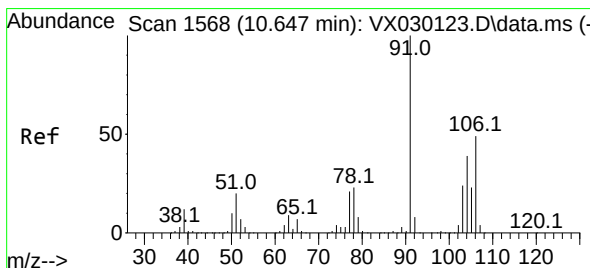
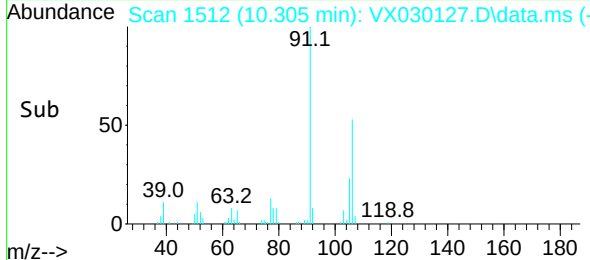
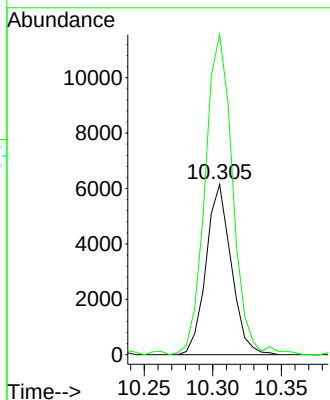
Tgt Ion:106 Resp: 787
Ion Ratio Lower Upper
106 100
91 187.9 139.7 259.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

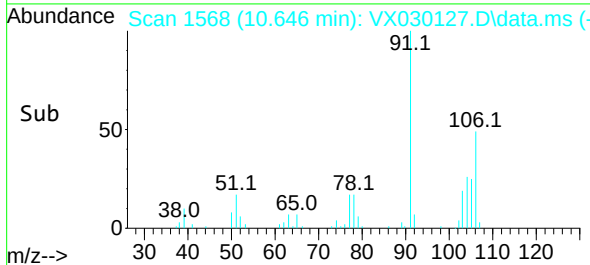
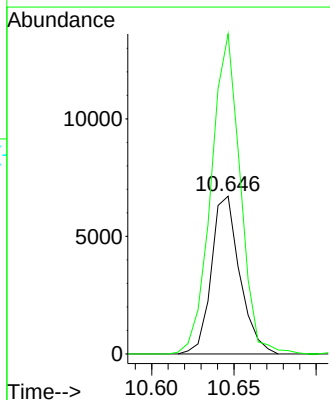
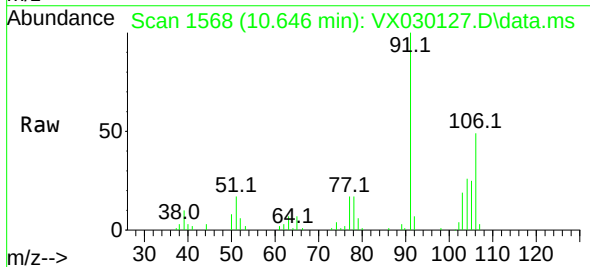
07/21/2022
Supervised By :Mahesh
Dadoda

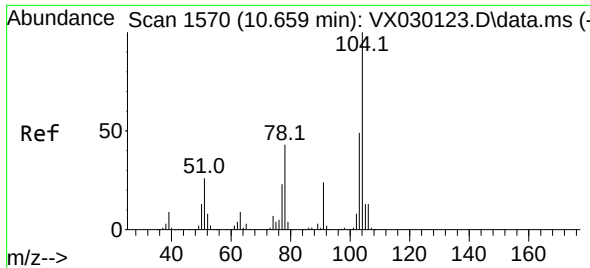
07/22/2022



#54
o-Xylene
Concen: 2.349 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

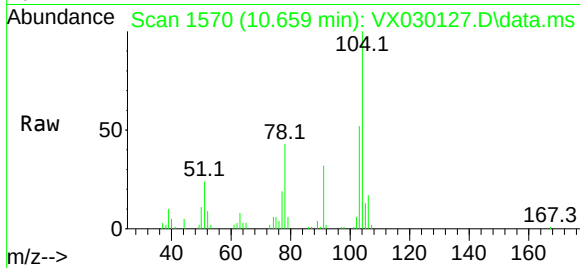
Tgt Ion:106 Resp: 8058
Ion Ratio Lower Upper
106 100
91 202.7 149.4 277.4





#55
Styrene
Concen: 2.125 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-04



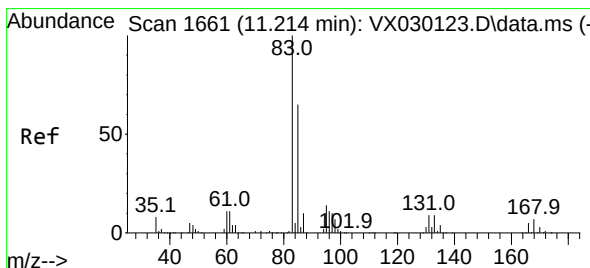
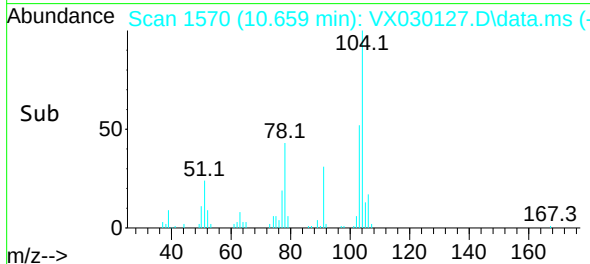
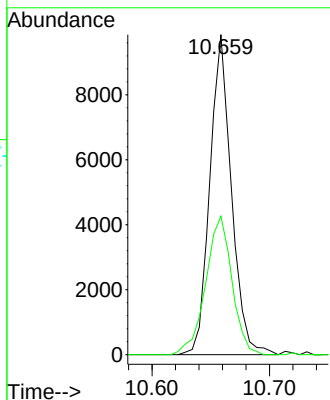
Tgt Ion:104 Resp: 1255
Ion Ratio Lower Upper
104 100
78 43.3 30.3 56.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

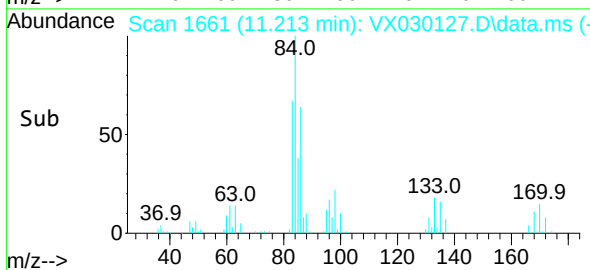
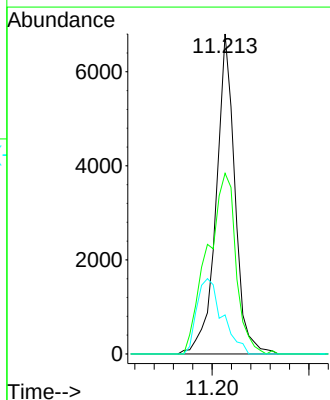
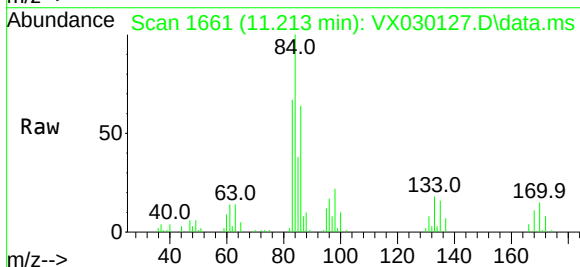
07/21/2022
Supervised By :Mahesh
Dadoda

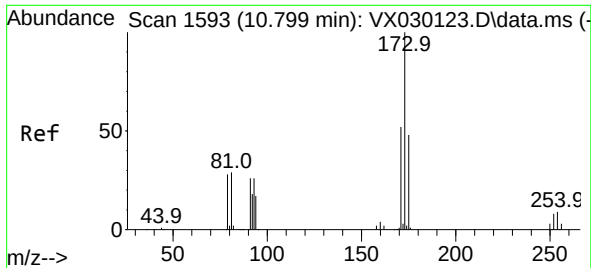
07/22/2022



#57
1,1,2,2-Tetrachloroethane
Concen: 2.828 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

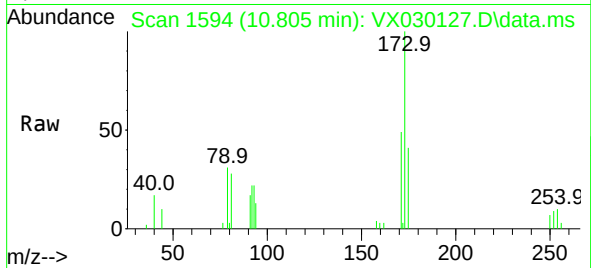
Tgt Ion: 83 Resp: 9151
Ion Ratio Lower Upper
83 100
85 56.5 44.7 83.1
131 12.2 7.2 10.8#





#59
Bromoform
Concen: 2.435 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-QT2-2022-04



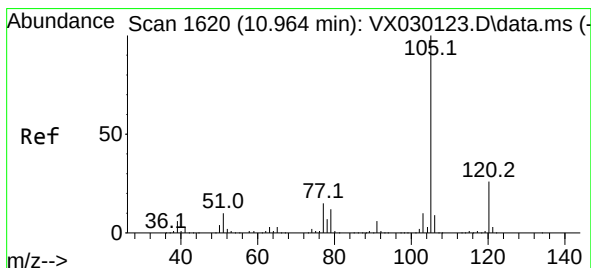
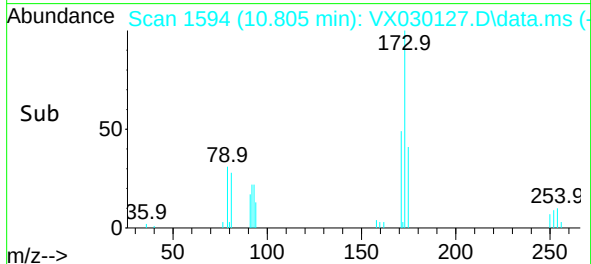
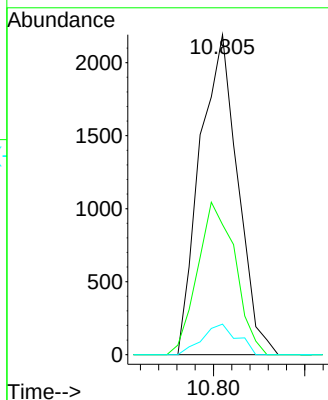
Tgt Ion:173 Resp: 315
Ion Ratio Lower Upper
173 100
175 47.4 37.8 56.6
254 8.8 6.4 9.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

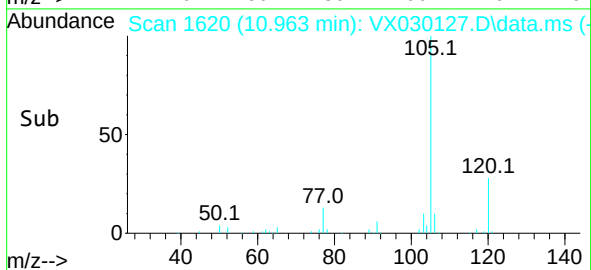
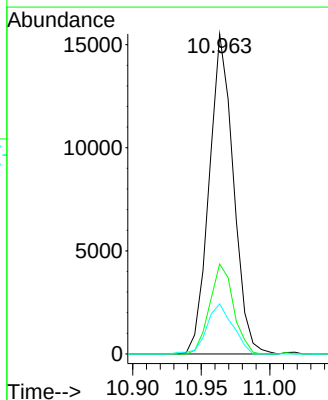
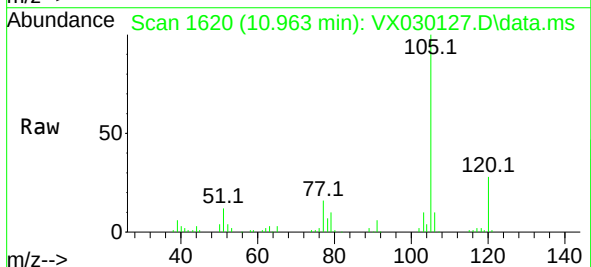
07/21/2022
Supervised By :Mahesh
Dadoda

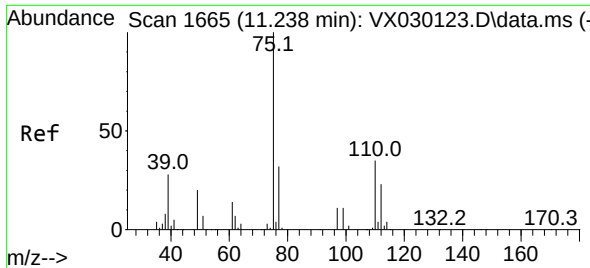
07/22/2022



#60
Isopropylbenzene
Concen: 2.349 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

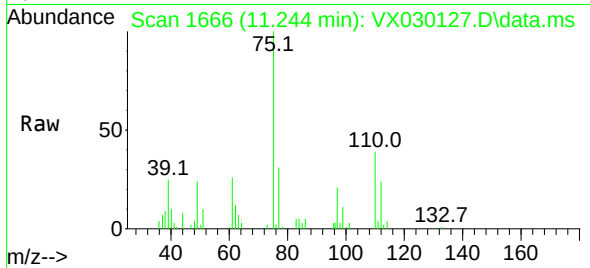
Tgt Ion:105 Resp: 19070
Ion Ratio Lower Upper
105 100
120 27.5 21.1 31.7
77 16.8 12.4 18.6





#61
1,2,3-Trichloropropane
Concen: 2.840 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-04



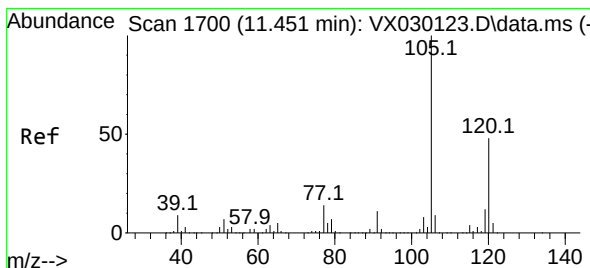
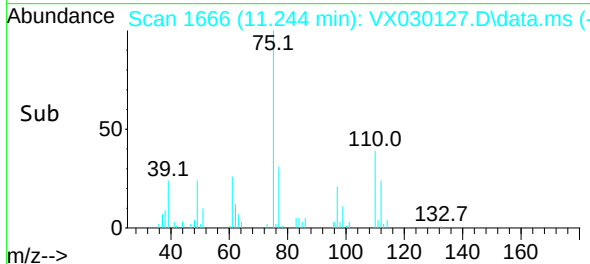
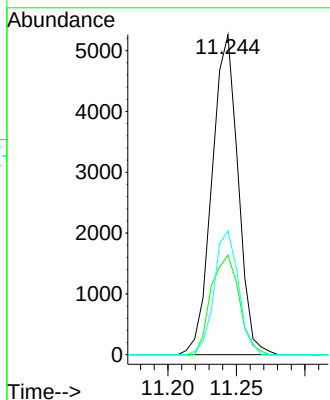
Tgt Ion: 75 Resp: 6980
Ion Ratio Lower Upper
75 100
77 33.3 25.8 38.8
110 36.2 30.2 45.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

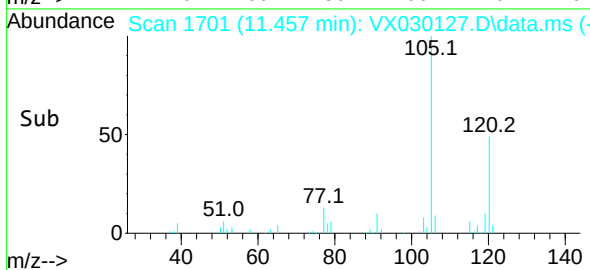
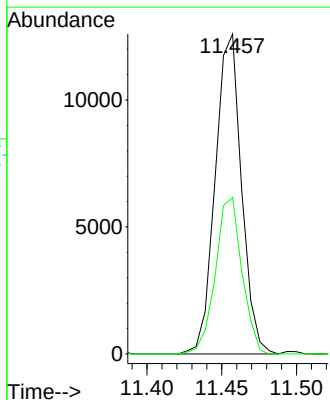
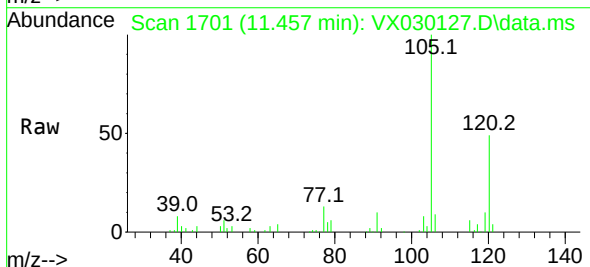
07/21/2022
Supervised By :Mahesh
Dadoda

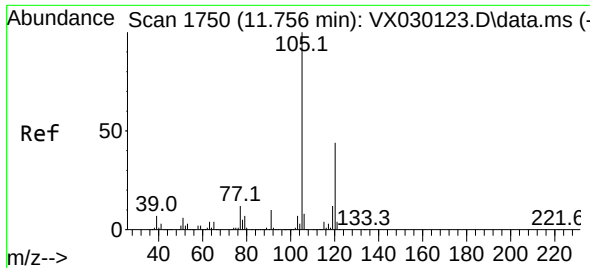
07/22/2022



#62
1,3,5-Trimethylbenzene
Concen: 2.295 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

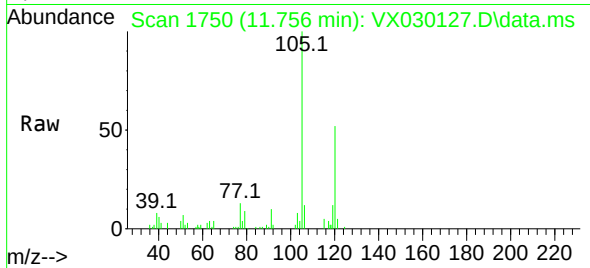
Tgt Ion:105 Resp: 15397
Ion Ratio Lower Upper
105 100
120 49.4 38.8 58.2





#63
1,2,4-Trimethylbenzene
Concen: 2.211 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-04



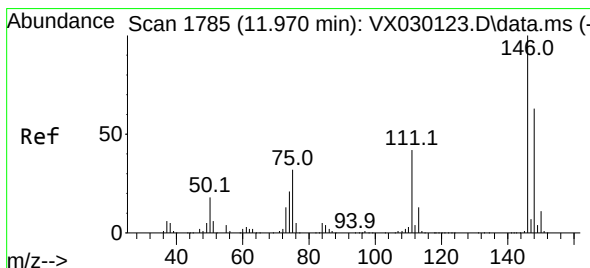
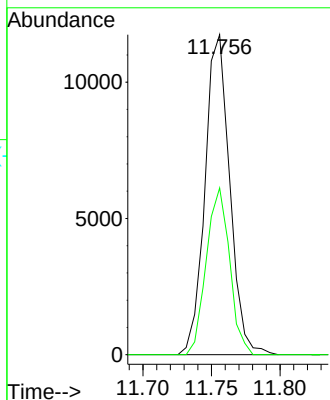
Tgt Ion:105 Resp: 14792
Ion Ratio Lower Upper
105 100
120 49.0 36.2 54.4

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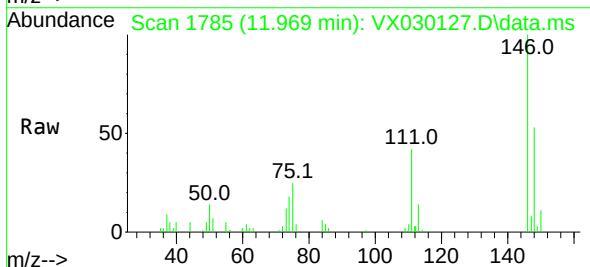
Reviewed By :John
Carlone

07/21/2022
Supervised By :Mahesh
Dadoda

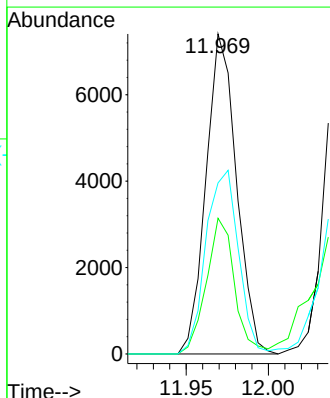
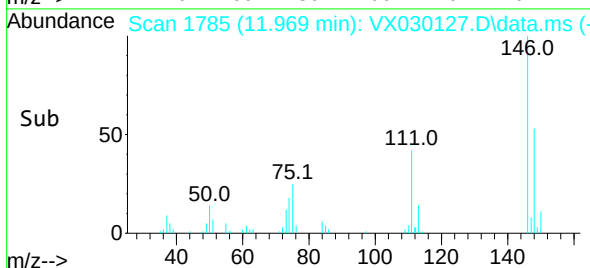
07/22/2022

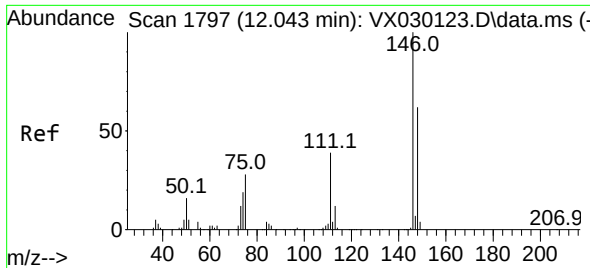


#64
1,3-Dichlorobenzene
Concen: 2.676 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12



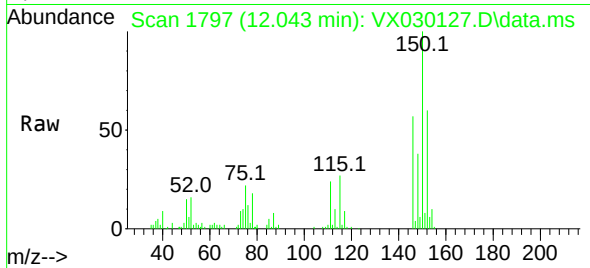
Tgt Ion:146 Resp: 9557
Ion Ratio Lower Upper
146 100
111 42.4 28.4 52.8
148 53.5 43.6 81.0





#65
1,4-Dichlorobenzene
Concen: 2.628 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-04



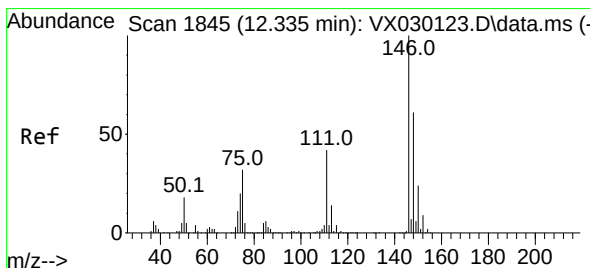
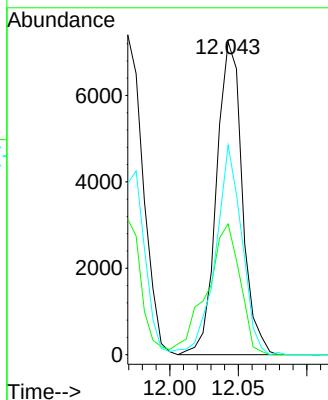
Tgt Ion:146 Resp: 943
Ion Ratio Lower Upper
146 100
111 41.8 27.0 50.2
148 67.0 43.8 81.3

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Reviewed By :John
Carlone

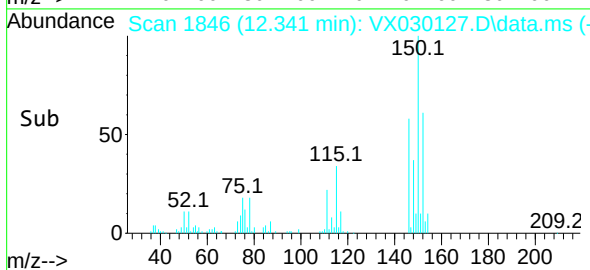
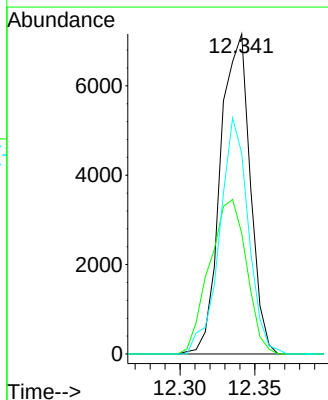
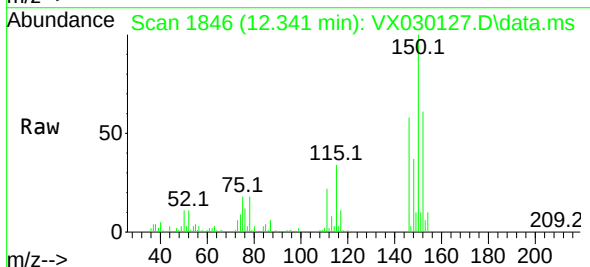
07/21/2022
Supervised By :Mahesh
Dadoda

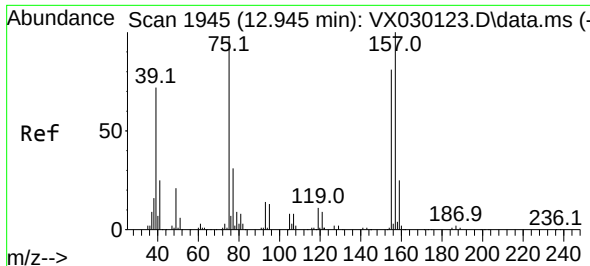
07/22/2022



#67
1,2-Dichlorobenzene
Concen: 2.711 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Tgt Ion:146 Resp: 9850
Ion Ratio Lower Upper
146 100
111 37.7 35.4 53.0
148 62.7 52.5 78.7





#68

1,2-Dibromo-3-chloropropane

Concen: 2.272 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX030127.D

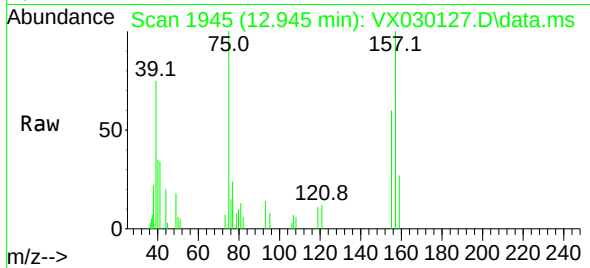
Acq: 20 Jul 2022 12:12

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-QT2-2022-04



Tgt Ion:	75	Resp:	167
Ion Ratio	Lower	Upper	
75	100		
155	60.7	63.6	95.4
157	100.5	81.8	122.8

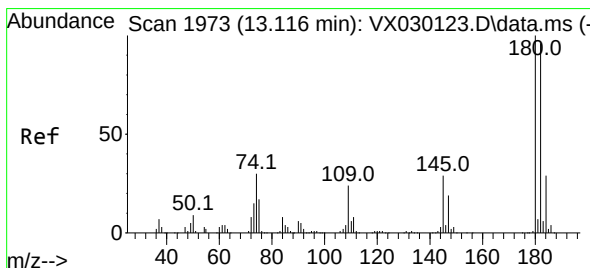
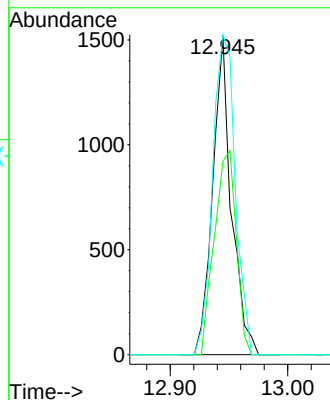
Manual Integrations
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Reviewed By :John
Carlone

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Supervised By :Mahesh
Dadoda

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#69

1,3,5-Trichlorobenzene

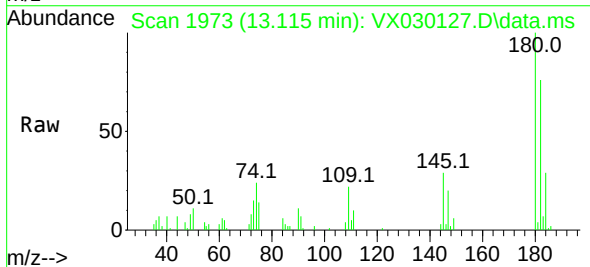
Concen: 2.454 ug/L

RT: 13.115 min Scan# 1973

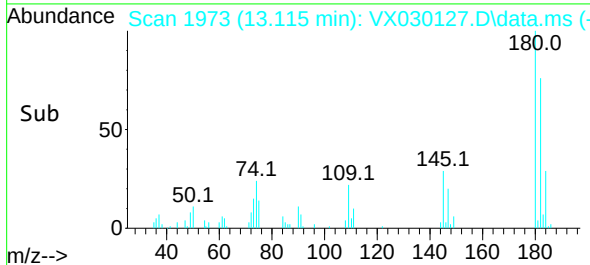
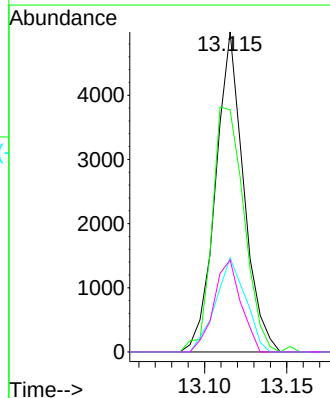
Delta R.T. -0.000 min

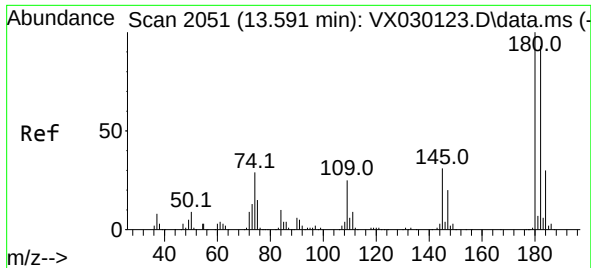
Lab File: VX030127.D

Acq: 20 Jul 2022 12:12



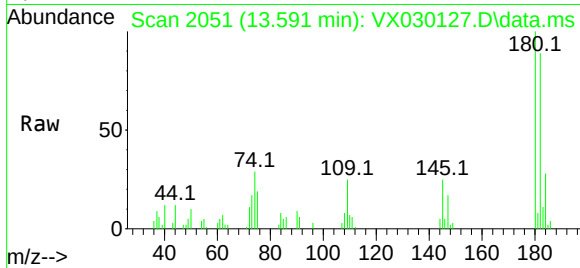
Tgt Ion:	180	Resp:	5919
Ion Ratio	Lower	Upper	
180	100		
182	86.6	75.1	112.7
184	31.3	23.8	35.6
145	27.7	25.1	37.7





#70
1,2,4-trichlorobenzene
Concen: 2.442 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-QT2-2022-04



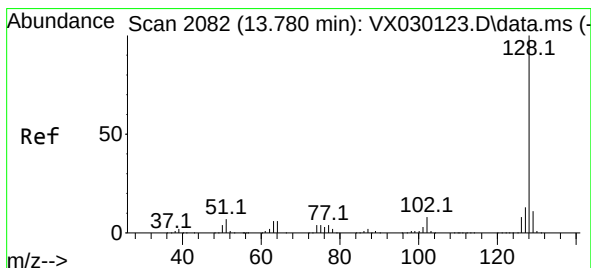
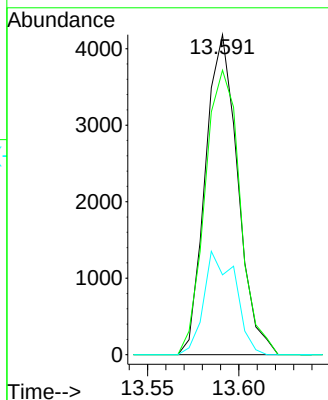
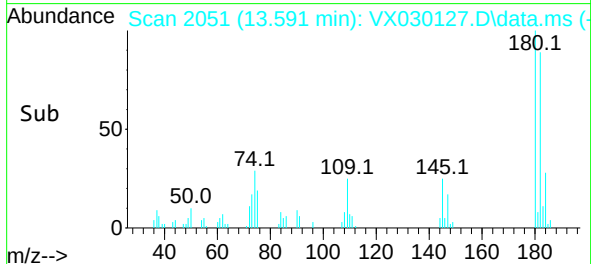
Tgt Ion:180 Resp: 5170
Ion Ratio Lower Upper
180 100
182 96.0 75.2 112.8
145 31.5 26.2 39.2

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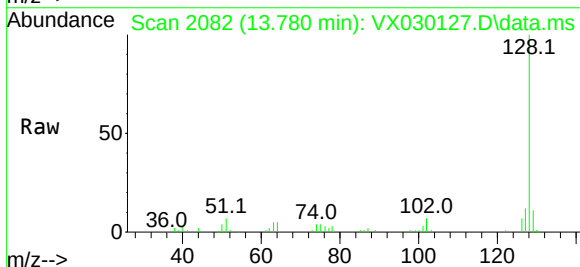
Reviewed By :John
Carlone

07/21/2022
Supervised By :Mahesh
Dadoda

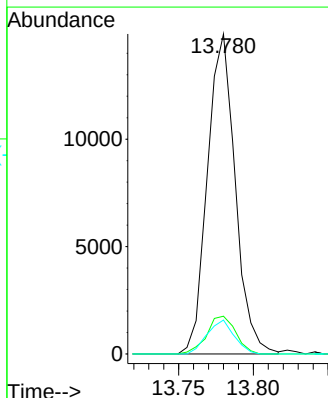
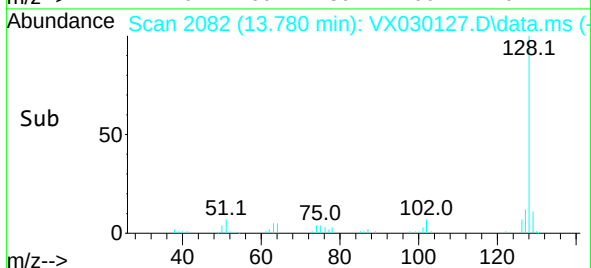
07/22/2022

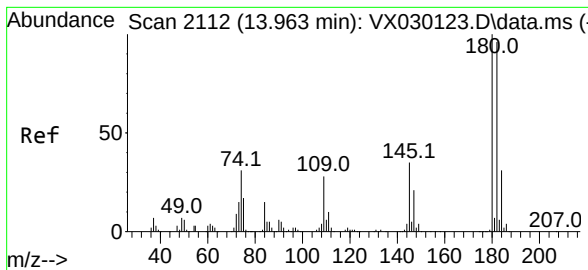


#71
Naphthalene
Concen: 2.225 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030127.D
Acq: 20 Jul 2022 12:12



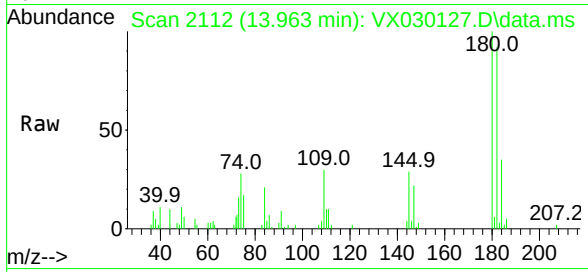
Tgt Ion:128 Resp: 19272
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.2 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 2.264 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX030127.D
 Acq: 20 Jul 2022 12:12

Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-QT2-2022-04



Tgt Ion:	180	Resp:	509
Ion Ratio	Lower	Upper	
180	100		
182	100.6	75.9	113.9
145	37.7	28.0	42.0

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

07/21/2022
 Supervised By :Mahesh
 Dadoda

07/22/2022

