

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030074.D
 Acq On : 14 Jul 2022 20:28
 Operator : JC/MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Jul 15 06:43:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 15 06:39:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

07/15/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	162496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	303617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117418	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	107863	54.535	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.060%	
35) Dibromofluoromethane	5.391	113	94227	48.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.160%	
50) Toluene-d8	8.653	98	356653	48.891	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.780%	
62) 4-Bromofluorobenzene	11.085	95	116571	46.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.100%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	3857	2.237	ug/l	92
3) Chloromethane	1.288	50	3694	2.182	ug/l	100
4) Vinyl Chloride	1.374	62	4009	2.132	ug/l #	88
5) Bromomethane	1.611	94	2220	2.779	ug/l	92
6) Chloroethane	1.685	64	2645	2.497	ug/l #	87
7) Trichlorofluoromethane	1.886	101	5819	2.396	ug/l	91
8) Diethyl Ether	2.136	74	2442	2.430	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	4221	2.546	ug/l	98
10) Methyl Iodide	2.453	142	2887	2.118	ug/l	94
11) Tert butyl alcohol	2.989	59	6764	13.251	ug/l #	95
12) 1,1-Dichloroethene	2.325	96	4012	2.423	ug/l	92
13) Acrolein	2.245	56	583	5.734	ug/l	89
14) Allyl chloride	2.660	41	6865	2.373	ug/l	96
15) Acrylonitrile	3.075	53	17611	15.180	ug/l	96
16) Acetone	2.386	43	15715	16.862	ug/l	90
17) Carbon Disulfide	2.508	76	6879	1.652	ug/l #	93
18) Methyl Acetate	2.709	43	10058	3.547	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	14368	2.746	ug/l	97
20) Methylene Chloride	2.788	84	5475	2.539	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	4820	2.793	ug/l #	94
22) Diisopropyl ether	3.770	45	15841	2.797	ug/l #	89
23) Vinyl Acetate	3.727	43	60093	12.535	ug/l	99
24) 1,1-Dichloroethane	3.617	63	8455	2.694	ug/l #	94
25) 2-Butanone	4.574	43	23755	14.963	ug/l	93
26) 2,2-Dichloropropane	4.483	77	1676	0.760	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	5325	2.520	ug/l	89
28) Bromochloromethane	4.897	49	3906	2.959	ug/l #	92
29) Tetrahydrofuran	5.025	42	15712	14.583	ug/l	99
30) Chloroform	5.105	83	9290	2.971	ug/l	94
31) Cyclohexane	5.483	56	6515	2.272	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	7451	2.915	ug/l	94
36) 1,1-Dichloropropene	5.702	75	6232	2.487	ug/l #	87
37) Ethyl Acetate	4.727	43	8615	2.676	ug/l	98
38) Carbon Tetrachloride	5.672	117	5762	2.466	ug/l #	70
39) Methylcyclohexane	7.385	83	6376	2.008	ug/l	92
40) Benzene	6.037	78	19825	2.514	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	4802	2.770	ug/l	93
42) 1,2-Dichloroethane	6.086	62	6780	2.774	ug/l	84
43) Isopropyl Acetate	6.348	43	13207	2.728	ug/l	97
44) Trichloroethene	7.129	130	5776	2.507	ug/l	94
45) 1,2-Dichloropropane	7.434	63	5273	2.573	ug/l #	81
46) Dibromomethane	7.586	93	3493	2.476	ug/l	97
47) Bromodichloromethane	7.830	83	6104	2.385	ug/l	96
48) Methyl methacrylate	7.702	41	5891	2.637	ug/l	93
49) 1,4-Dioxane	7.696	88	3007	51.816	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	43059	13.441	ug/l	98
52) Toluene	8.726	92	12067	2.410	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	5149	1.936	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	5968	1.959	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	5643	2.733	ug/l	94
56) Ethyl methacrylate	9.122	69	7039	2.267	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	8138	2.481	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.250	63	18451	10.945	ug/l	97
59) 2-Hexanone	9.433	43	31498	12.822	ug/l	99
60) Dibromochloromethane	9.525	129	4793	2.383	ug/l	100
61) 1,2-Dibromoethane	9.616	107	5188	2.414	ug/l	99
64) Tetrachloroethene	9.275	164	6603	3.091	ug/l	97
65) Chlorobenzene	10.086	112	13064	2.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	4364	2.416	ug/l	97
67) Ethyl Benzene	10.195	91	22207	2.473	ug/l	98
68) m/p-Xylenes	10.305	106	16468	4.676	ug/l	98
69) o-Xylene	10.646	106	8176	2.318	ug/l	97
70) Styrene	10.659	104	13622	2.327	ug/l	98
71) Bromoform	10.805	173	3295	2.271	ug/l #	95
73) Isopropylbenzene	10.963	105	20028	2.450	ug/l	96
74) N-amyl acetate	10.848	43	8440	2.350	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	8557	2.901	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	7378m	2.733	ug/l	
77) Bromobenzene	11.201	156	5346	2.613	ug/l	93
78) n-propylbenzene	11.305	91	23459	2.419	ug/l	100
79) 2-Chlorotoluene	11.366	91	15275	2.629	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	16979	2.465	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	1409m	1.506	ug/l	
82) 4-Chlorotoluene	11.457	91	16166	2.484	ug/l	98
83) tert-Butylbenzene	11.719	119	16168	2.447	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	16378	2.404	ug/l	99
85) sec-Butylbenzene	11.890	105	19888	2.277	ug/l	100
86) p-Isopropyltoluene	12.012	119	15754	2.248	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	9517	2.518	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	10170	2.622	ug/l	91
89) n-Butylbenzene	12.335	91	13604	2.167	ug/l	97
90) Hexachloroethane	12.542	117	2669	2.228	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	10121	2.636	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1911	2.837	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	5559	2.357	ug/l	95
94) Hexachlorobutadiene	13.731	225	2223	2.361	ug/l	96
95) Naphthalene	13.780	128	20089	2.146	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	5609	2.337	ug/l	96

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ClientSampleId :
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Manual Integrations
APPROVED

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Supervised By :Mahesh
Dadoda

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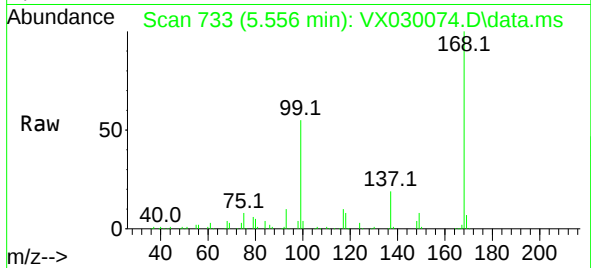
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



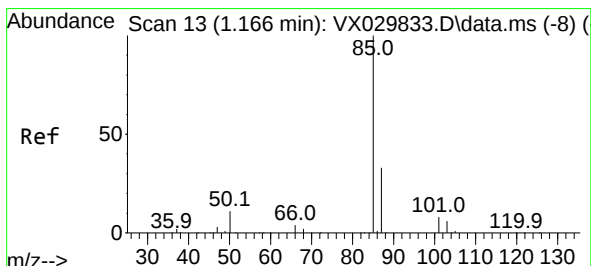
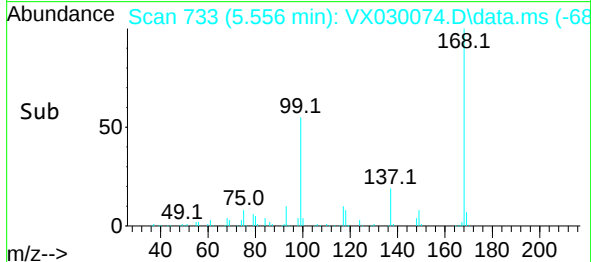
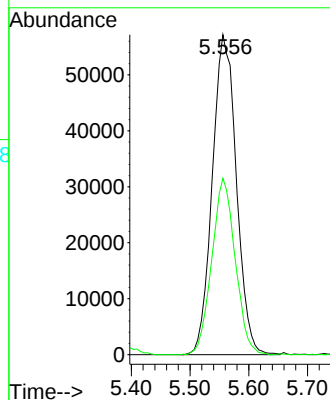
Tgt Ion:168 Resp: 162490
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0

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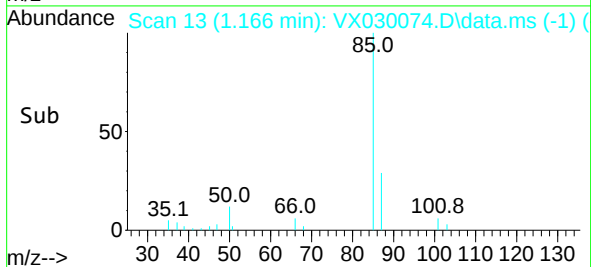
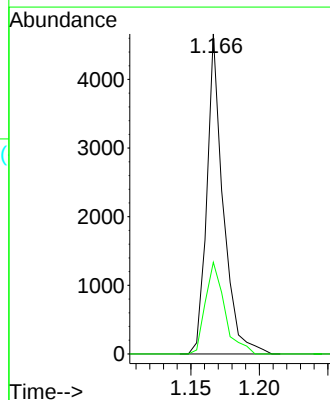
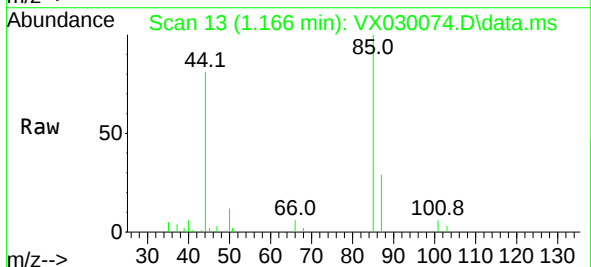
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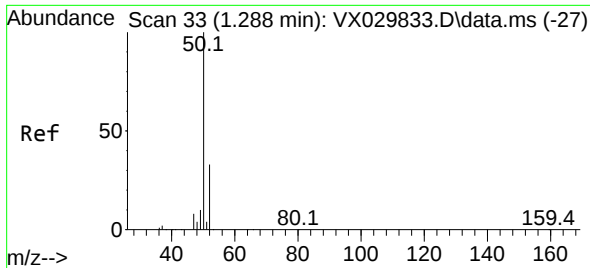
07/15/2022



#2
Dichlorodifluoromethane
Concen: 2.237 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

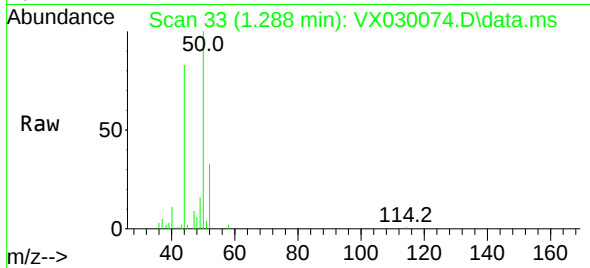
Tgt Ion: 85 Resp: 3857
Ion Ratio Lower Upper
85 100
87 28.7 16.5 49.5





#3
Chloromethane
Concen: 2.182 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



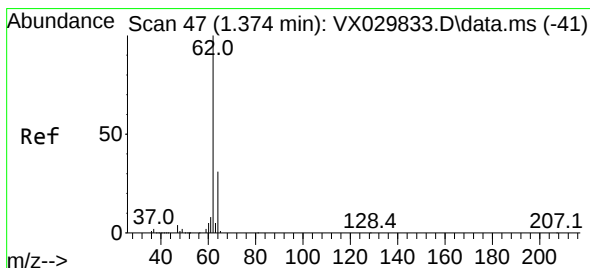
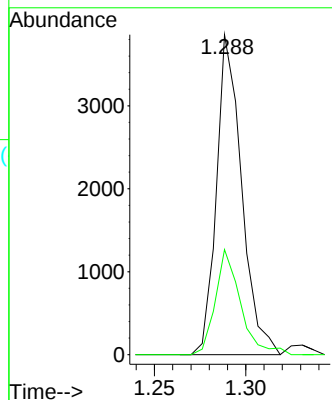
Tgt Ion: 50 Resp: 3694
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5

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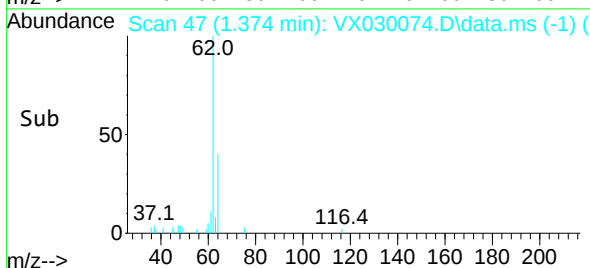
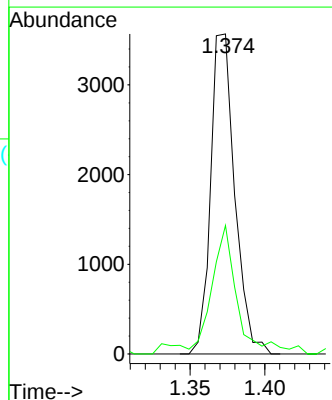
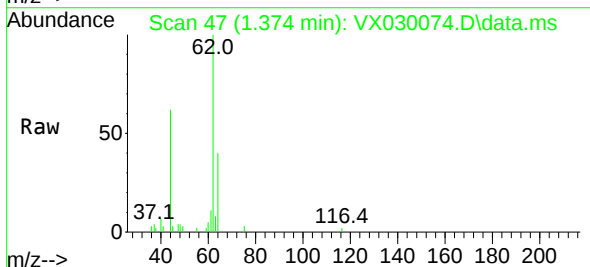
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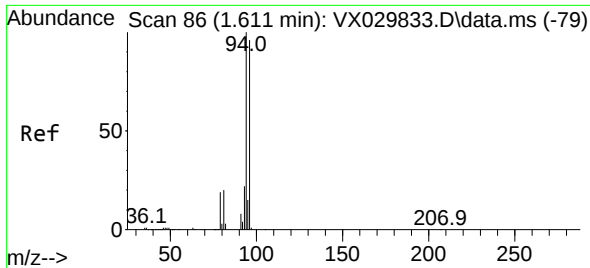
07/15/2022



#4
Vinyl Chloride
Concen: 2.132 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

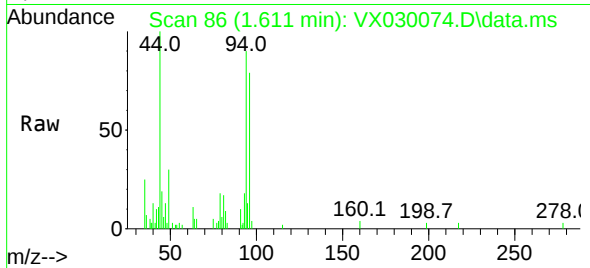
Tgt Ion: 62 Resp: 4009
Ion Ratio Lower Upper
62 100
64 38.1 25.2 37.8#





#5
Bromomethane
Concen: 2.779 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



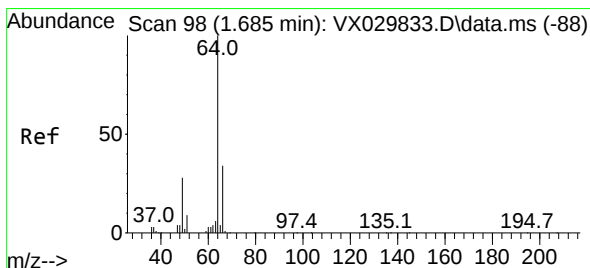
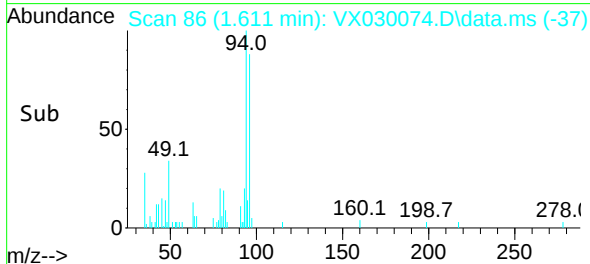
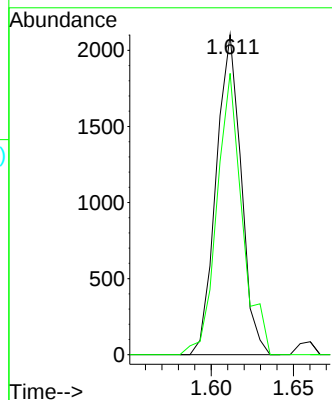
Tgt Ion: 94 Resp: 2220
Ion Ratio Lower Upper
94 100
96 87.9 76.9 115.3

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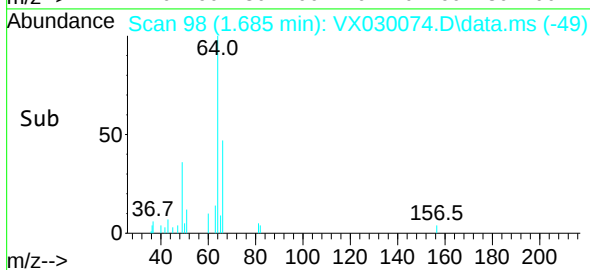
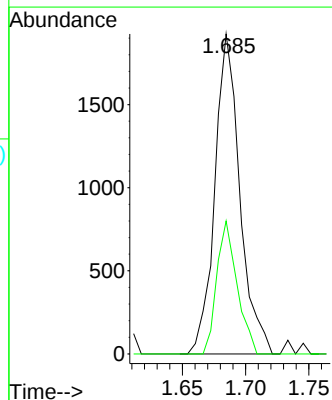
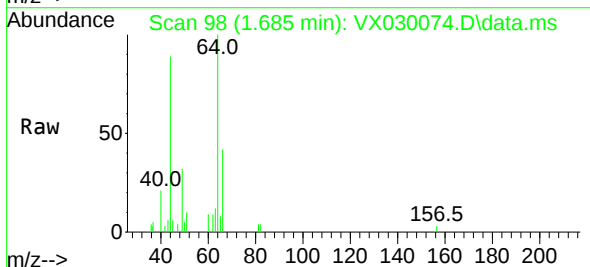
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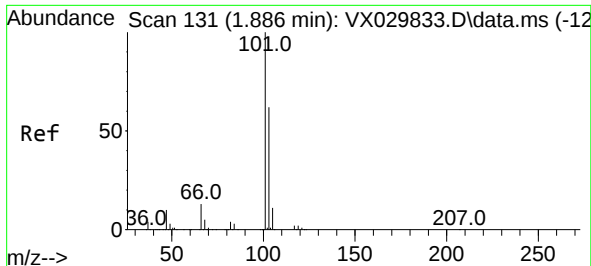
07/15/2022



#6
Chloroethane
Concen: 2.497 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

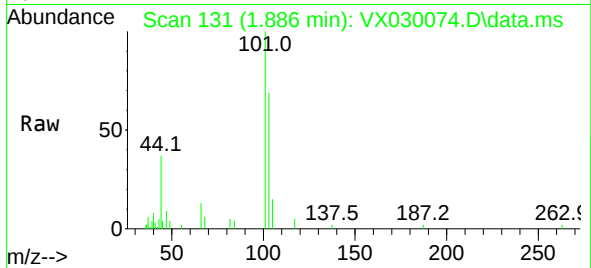
Tgt Ion: 64 Resp: 2645
Ion Ratio Lower Upper
64 100
66 41.6 27.2 40.8#





#7
 Trichlorofluoromethane
 Concen: 2.396 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX030074.D
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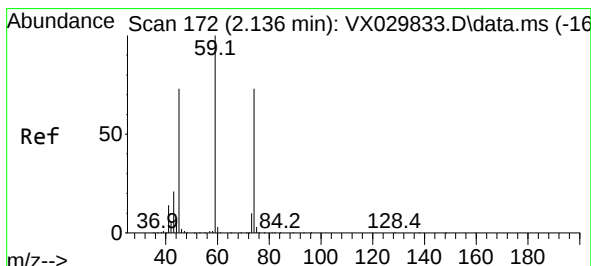
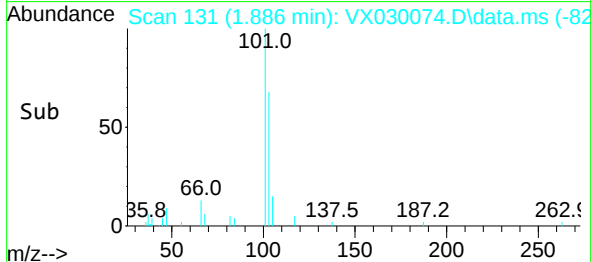
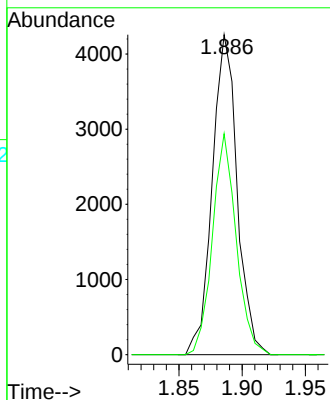
Tgt Ion:101 Resp: 5819
 Ion Ratio Lower Upper
 101 100
 103 69.0 49.7 74.5

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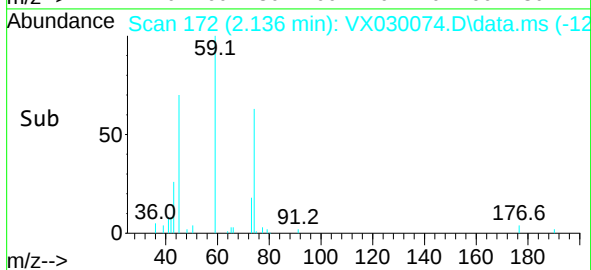
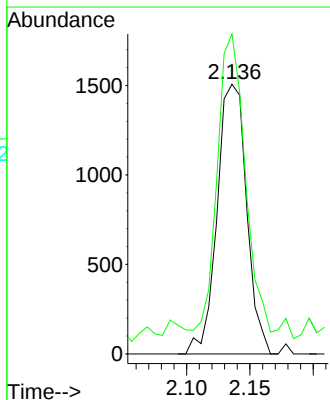
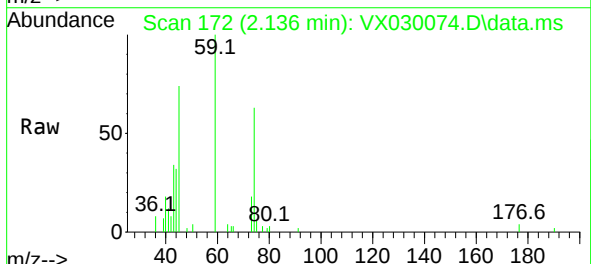
07/15/2022
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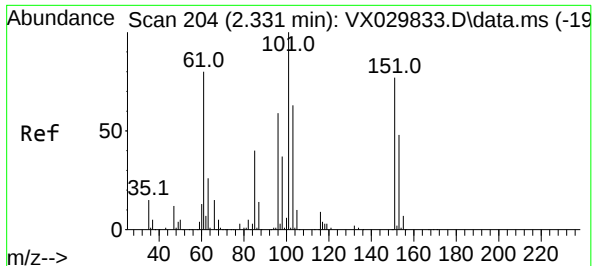
07/15/2022



#8
 Diethyl Ether
 Concen: 2.430 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX030074.D
 Acq: 14 Jul 2022 20:28

Tgt Ion: 74 Resp: 2442
 Ion Ratio Lower Upper
 74 100
 45 111.4 51.5 154.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.546 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX030074.D
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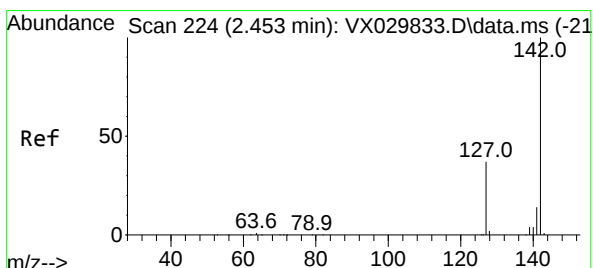
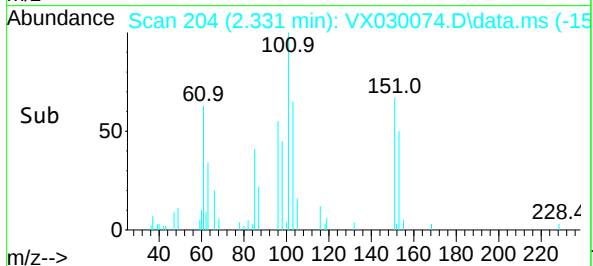
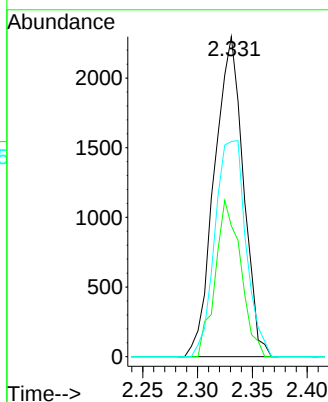
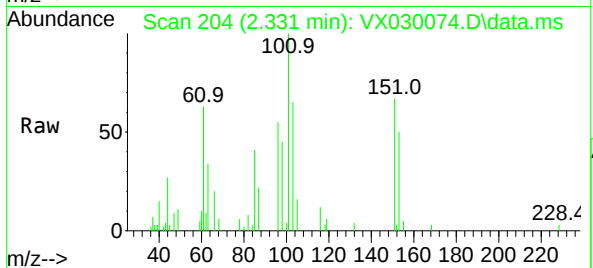
Tgt Ion:101 Resp: 422
Ion Ratio Lower Upper
101 100
85 42.8 34.0 51.0
151 72.1 59.4 89.0

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Reviewed By :John
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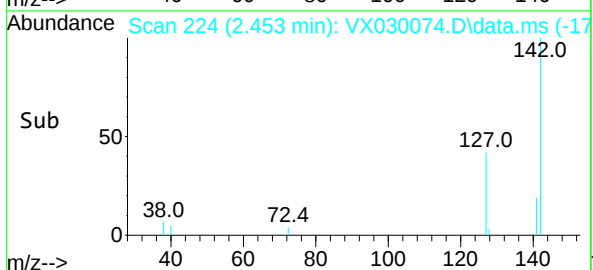
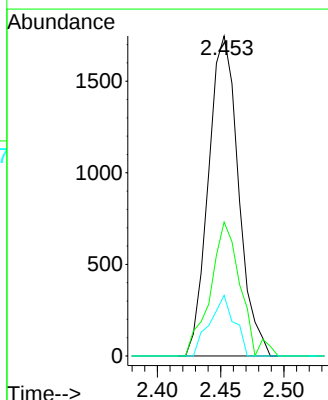
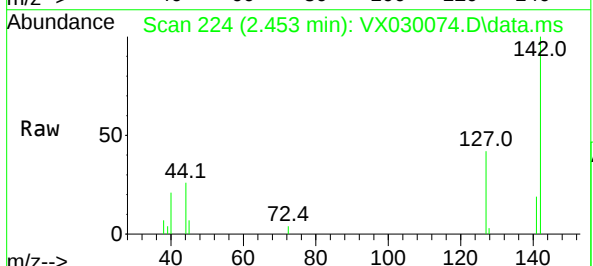
07/15/2022
Supervised By :Mahesh
Dadoda

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#10
Methyl Iodide
Concen: 2.118 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

Tgt Ion:142 Resp: 2887
Ion Ratio Lower Upper
142 100
127 41.9 30.2 45.2
141 15.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 13.251 ug/l

RT: 2.989 min Scan# 313

Delta R.T. -0.006 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 59 Resp: 6764
 Ion Ratio Lower Upper
 59 100
 57 11.3 7.4 11.2

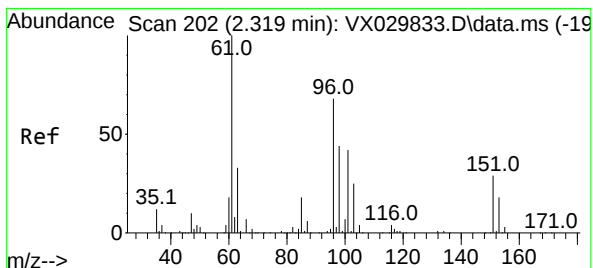
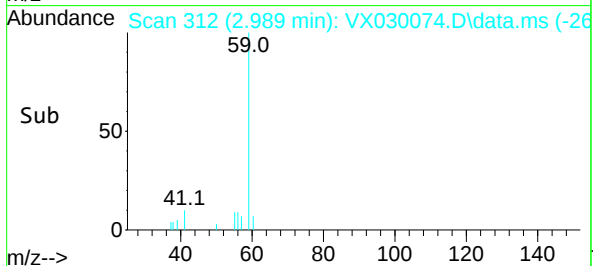
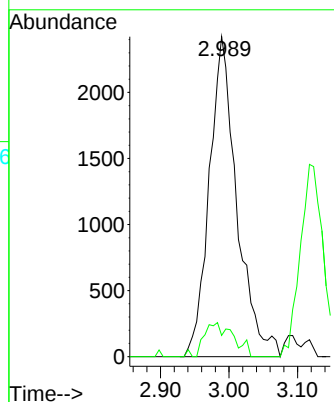
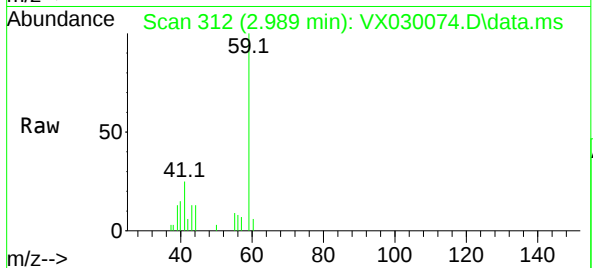
Manual Integrations
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Reviewed By :John
 Carlone

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Supervised By :Mahesh
 Dadoda

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#12

1,1-Dichloroethene

Concen: 2.423 ug/l

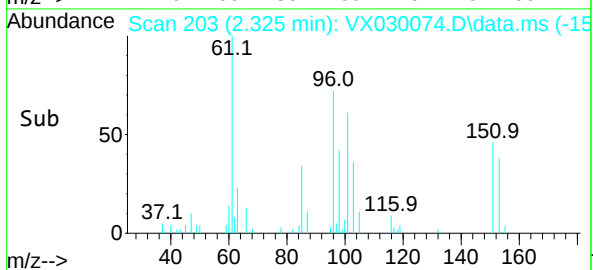
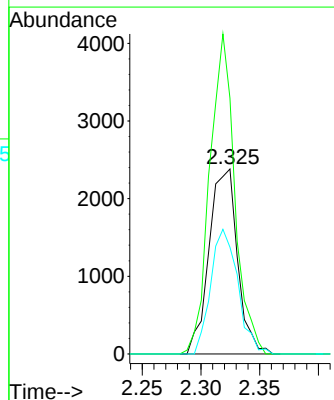
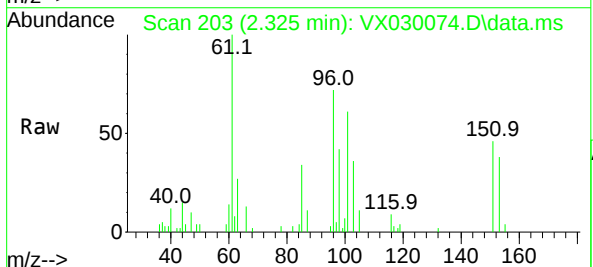
RT: 2.325 min Scan# 203

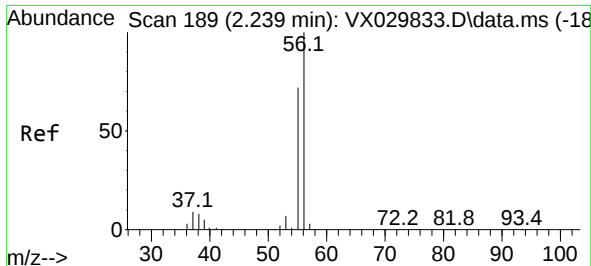
Delta R.T. 0.006 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

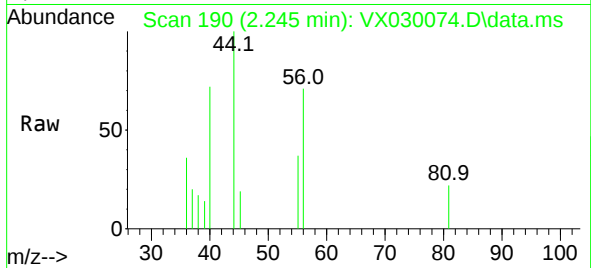
Tgt Ion: 96 Resp: 4012
 Ion Ratio Lower Upper
 96 100
 61 138.2 117.4 176.0
 98 57.7 52.2 78.4





#13
Acrolein
Concen: 5.734 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



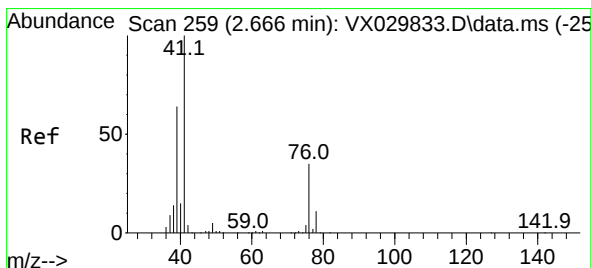
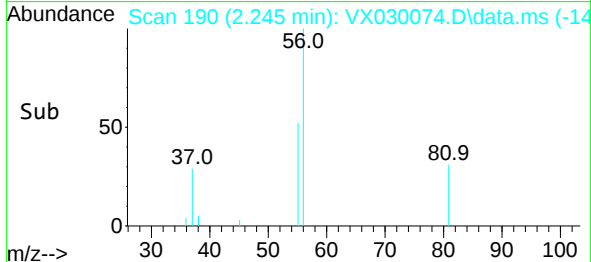
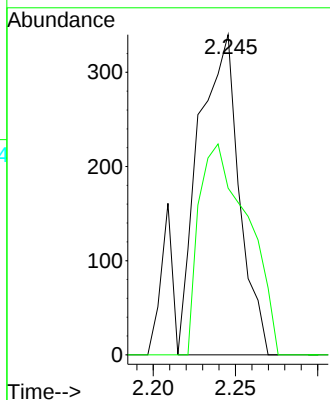
Tgt Ion: 56 Resp: 583
Ion Ratio Lower Upper
56 100
55 79.8 56.6 84.8

Manual Integrations
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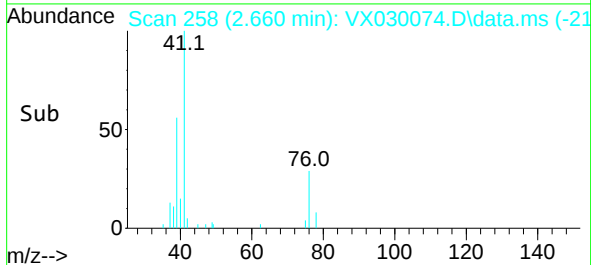
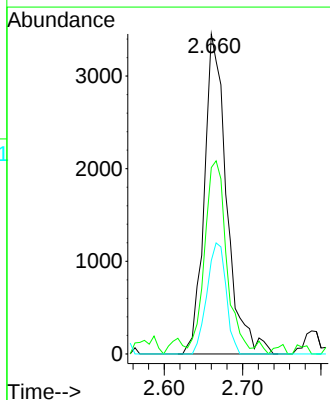
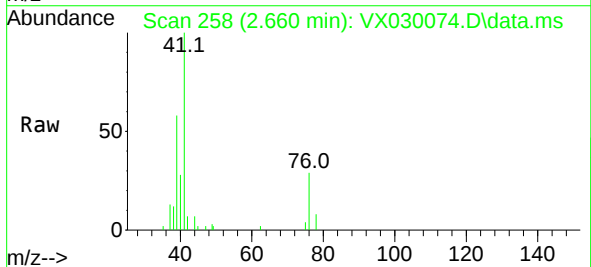
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#14
Allyl chloride
Concen: 2.373 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

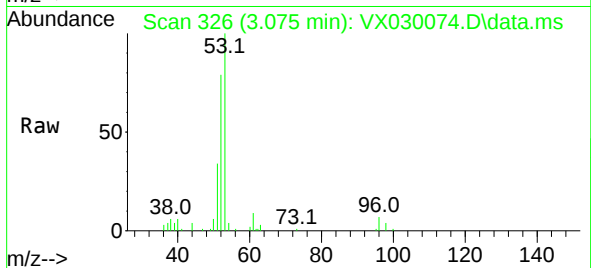
Tgt Ion: 41 Resp: 6865
Ion Ratio Lower Upper
41 100
39 59.3 48.9 73.3
76 29.5 26.9 40.3





#15
Acrylonitrile
Concen: 15.180 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



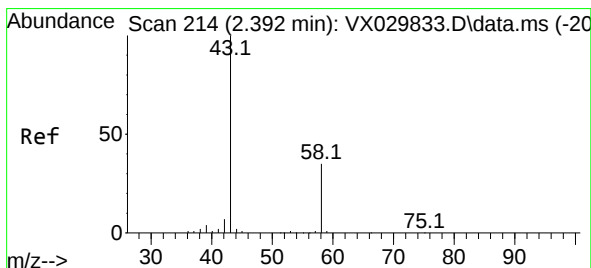
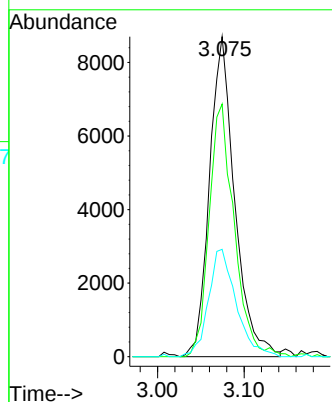
Tgt Ion: 53 Resp: 1761
Ion Ratio Lower Upper
53 100
52 78.5 65.4 98.0
51 36.9 27.7 41.5

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Reviewed By :John
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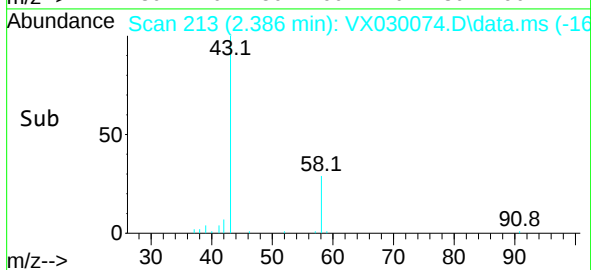
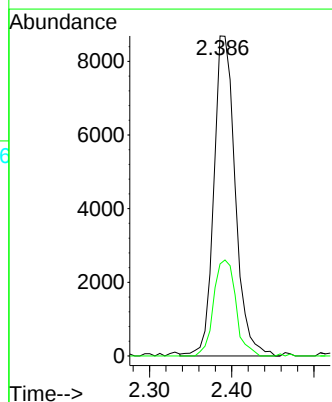
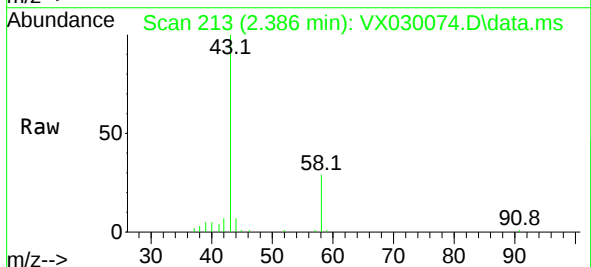
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Supervised By :Mahesh
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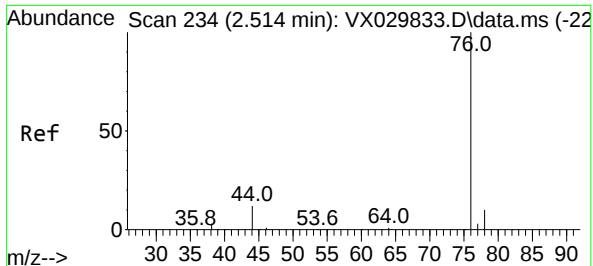
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#16
Acetone
Concen: 16.862 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

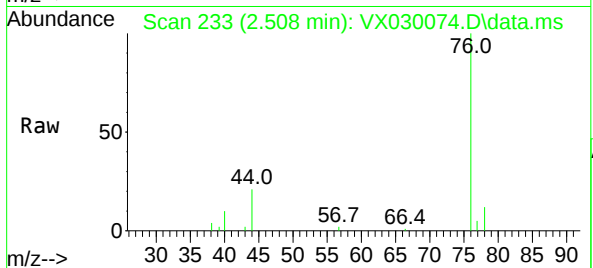
Tgt Ion: 43 Resp: 15715
Ion Ratio Lower Upper
43 100
58 28.8 27.7 41.5





#17
Carbon Disulfide
Concen: 1.652 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



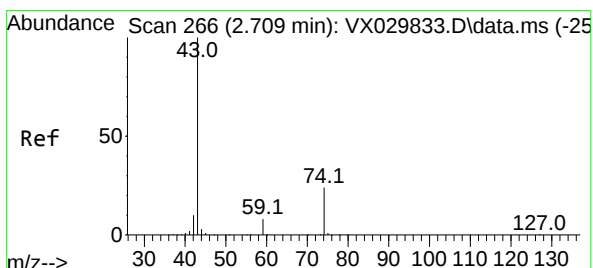
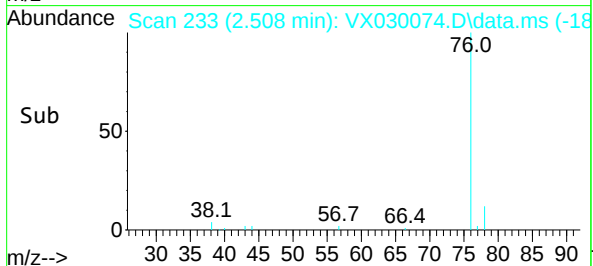
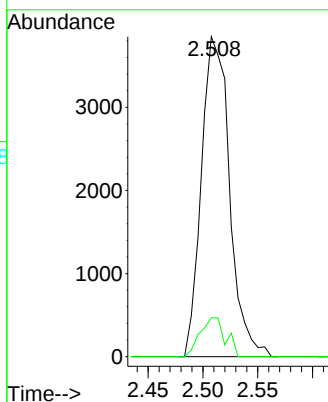
Tgt Ion: 76 Resp: 6879
Ion Ratio Lower Upper
76 100
78 12.1 7.8 11.6

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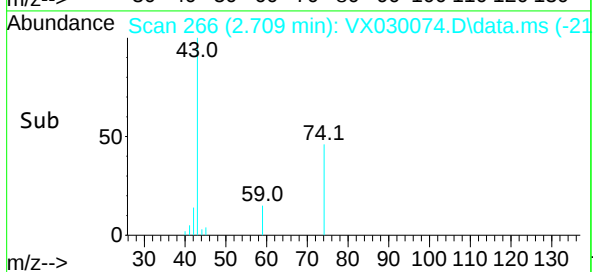
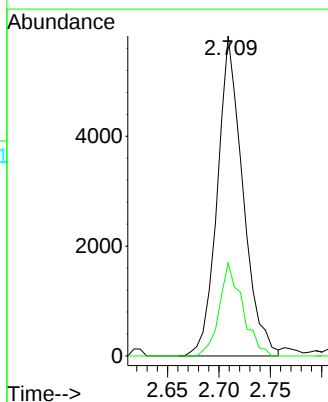
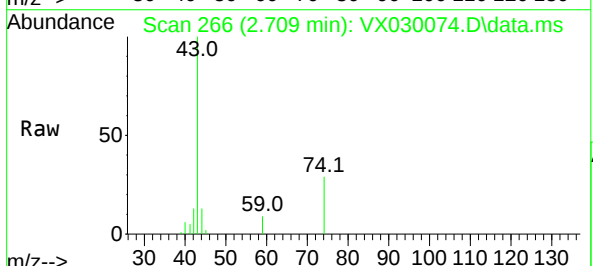
07/15/2022
Supervised By :Mahesh
Dadoda

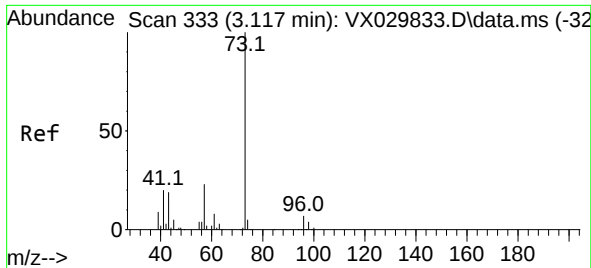
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#18
Methyl Acetate
Concen: 3.547 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

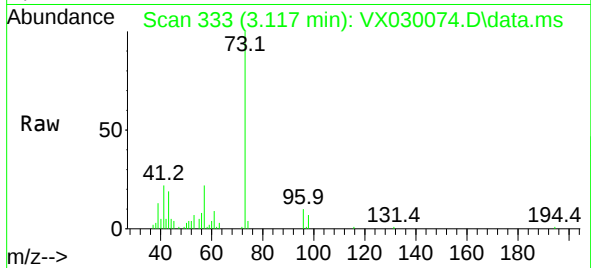
Tgt Ion: 43 Resp: 10058
Ion Ratio Lower Upper
43 100
74 26.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 2.746 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



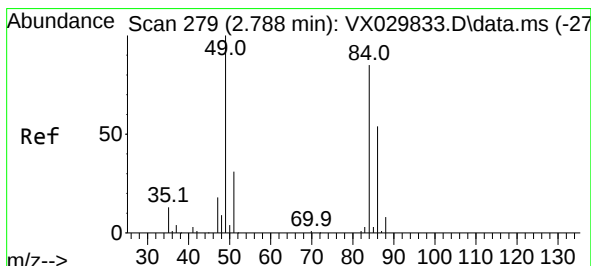
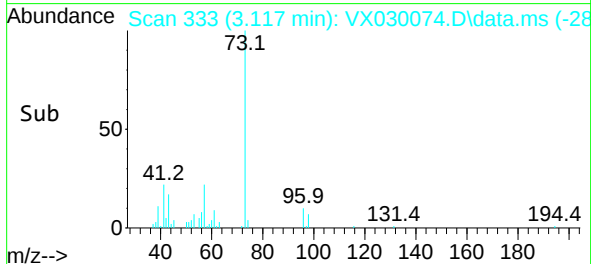
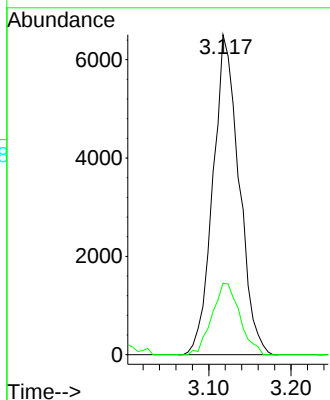
Tgt Ion: 73 Resp: 14368
Ion Ratio Lower Upper
73 100
57 22.4 19.0 28.6

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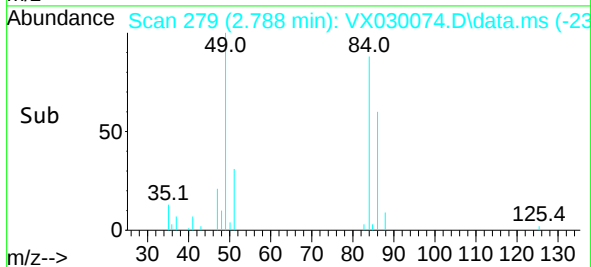
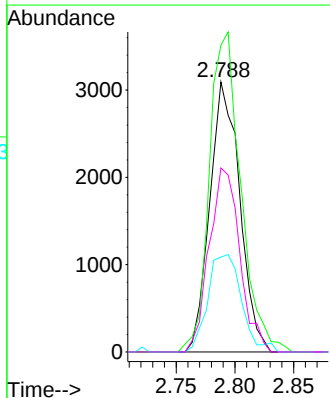
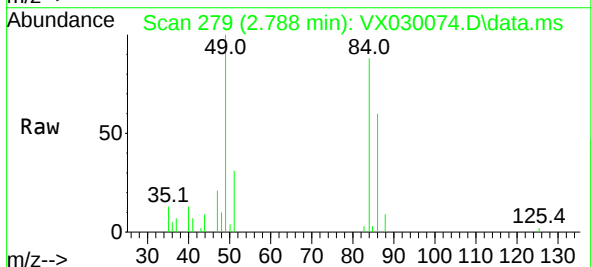
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#20
Methylene Chloride
Concen: 2.539 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

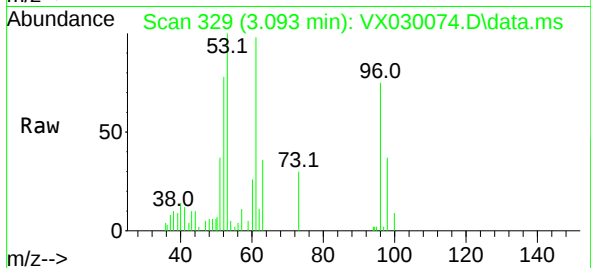
Tgt Ion: 84 Resp: 5475
Ion Ratio Lower Upper
84 100
49 113.7 93.8 140.6
51 35.2 29.4 44.0
86 68.2 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 2.793 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



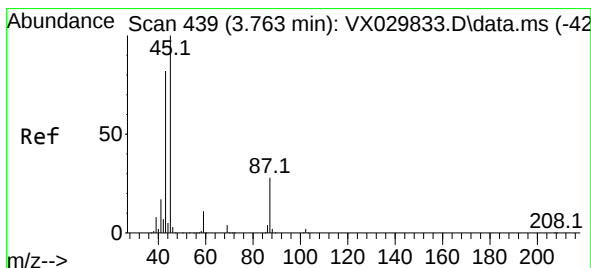
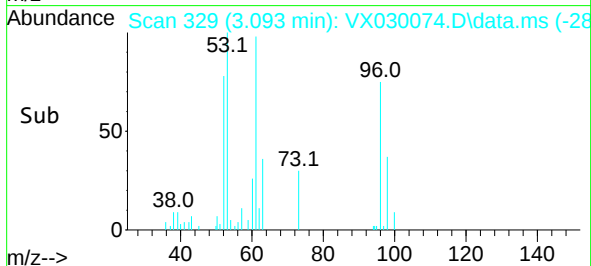
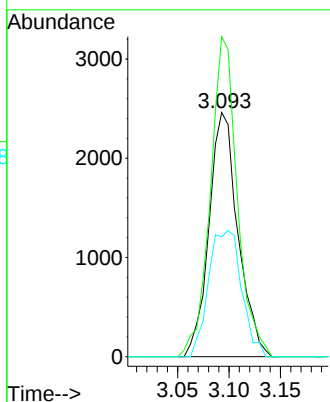
Tgt Ion: 96 Resp: 4820
Ion Ratio Lower Upper
96 100
61 131.0 105.6 158.4
98 49.1 50.1 75.1

Manual Integrations
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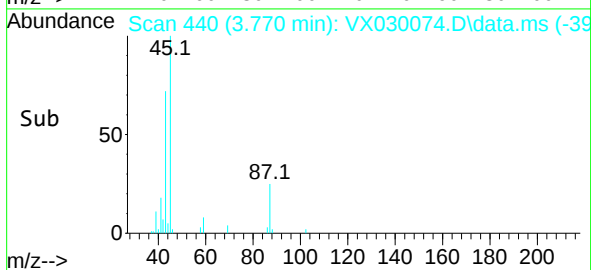
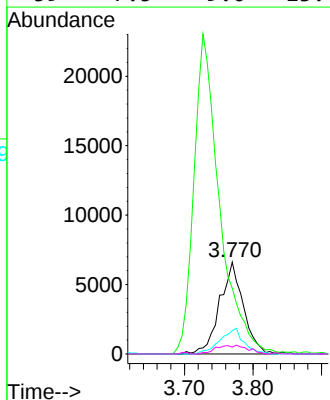
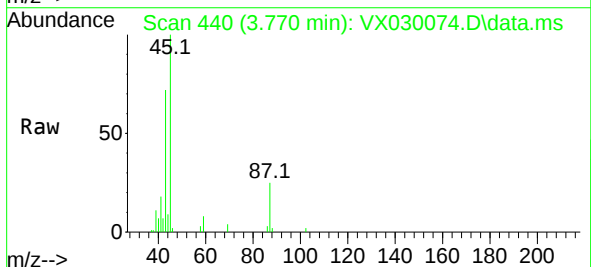
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Supervised By :Mahesh
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#22
Diisopropyl ether
Concen: 2.797 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.007 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

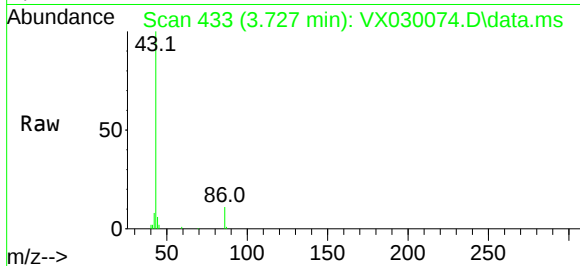
Tgt Ion: 45 Resp: 15841
Ion Ratio Lower Upper
45 100
43 69.8 65.4 98.0
87 25.3 22.3 33.5
59 7.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 12.535 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030074.D
 Acq: 14 Jul 2022 20:28

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



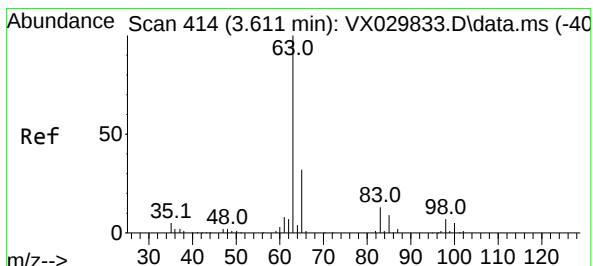
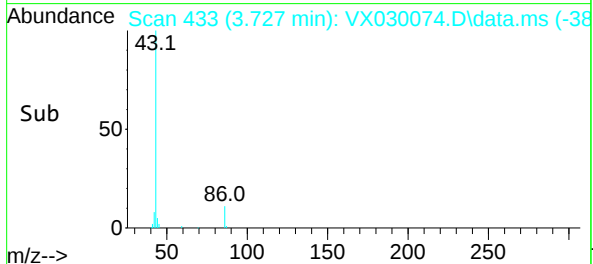
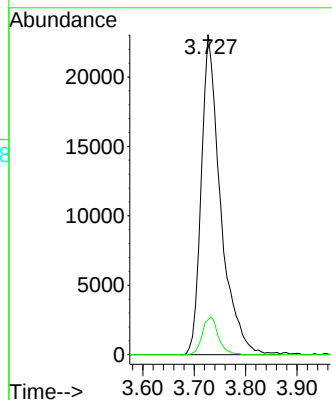
Tgt Ion: 43 Resp: 6009
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.5 12.7

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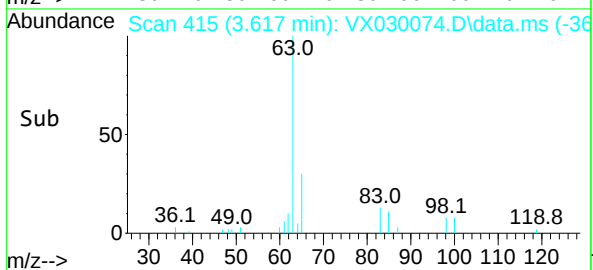
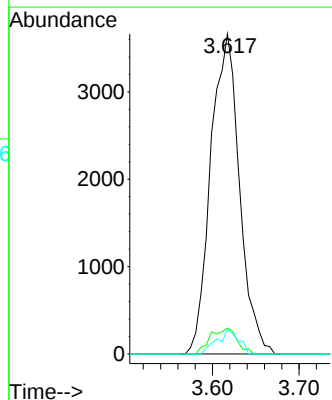
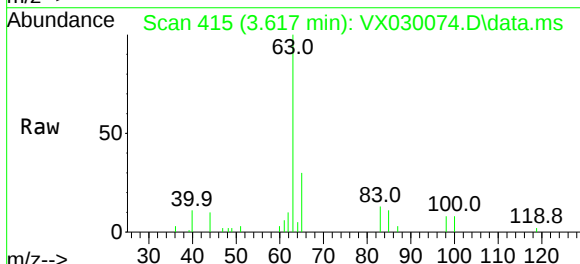
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 Supervised By :Mahesh
 Dadoda

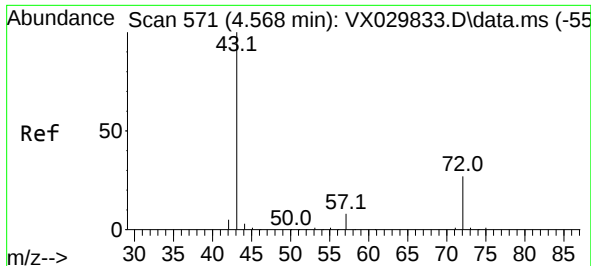
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#24
 1,1-Dichloroethane
 Concen: 2.694 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX030074.D
 Acq: 14 Jul 2022 20:28

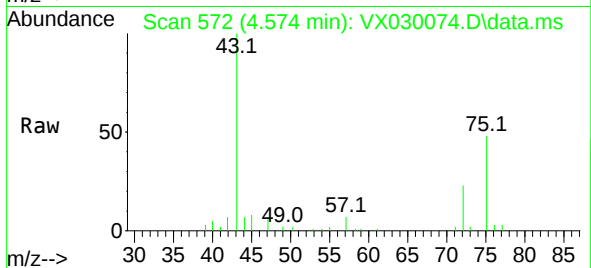
Tgt Ion: 63 Resp: 8455
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.5
 100 7.6 2.3 6.9#





#25
2-Butanone
Concen: 14.963 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



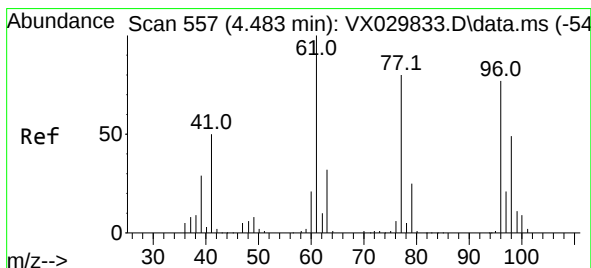
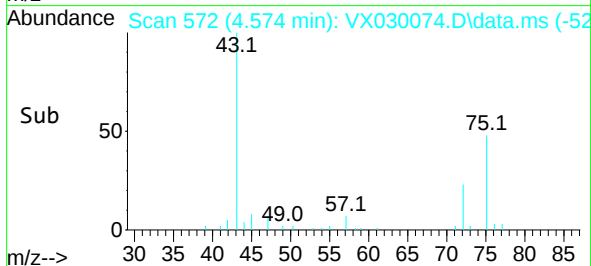
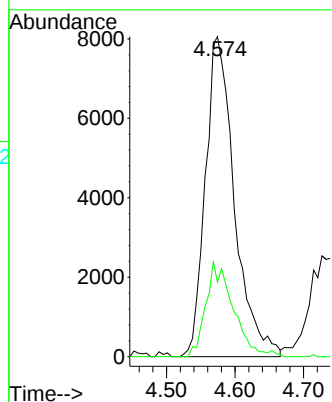
Tgt Ion: 43 Resp: 2375
Ion Ratio Lower Upper
43 100
72 23.3 21.7 32.5

Manual Integrations
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Reviewed By :John
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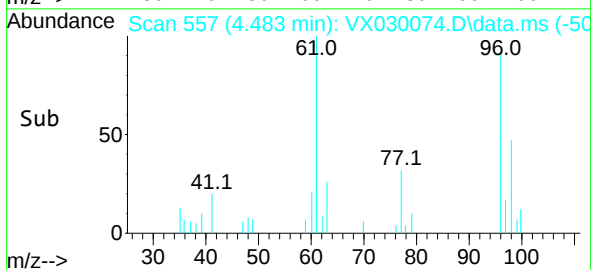
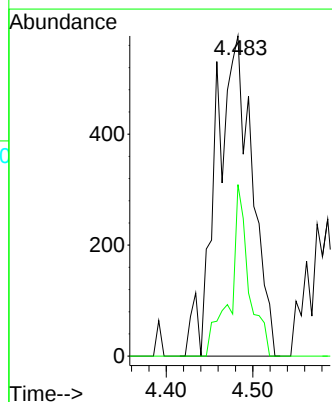
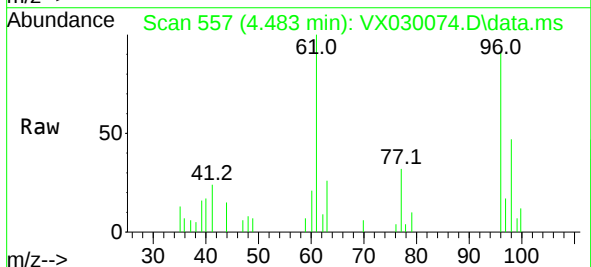
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Supervised By :Mahesh
Dadoda

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#26
2,2-Dichloropropane
Concen: 0.760 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

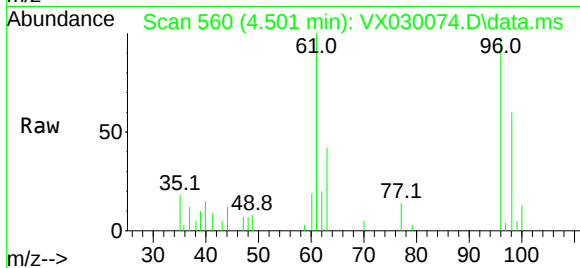
Tgt Ion: 77 Resp: 1676
Ion Ratio Lower Upper
77 100
97 27.4 13.0 39.0





#27
cis-1,2-Dichloroethene
Concen: 2.520 ug/l
RT: 4.501 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



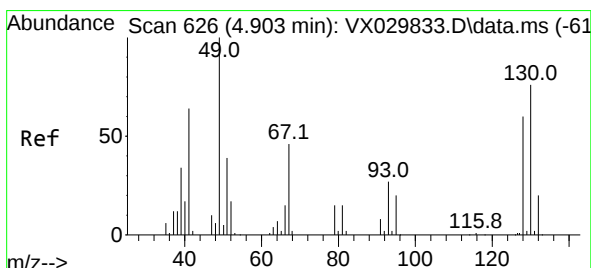
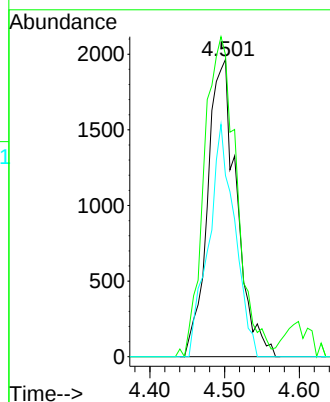
Tgt Ion: 96 Resp: 532
Ion Ratio Lower Upper
96 100
61 119.9 0.0 270.0
98 70.0 0.0 127.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

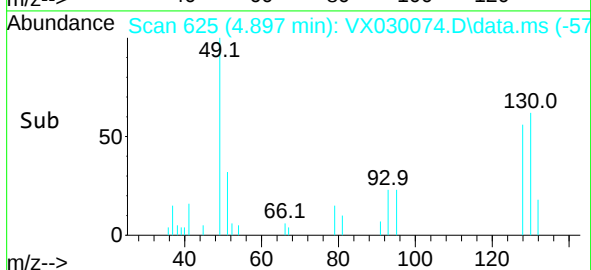
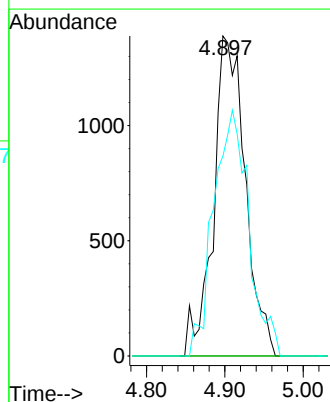
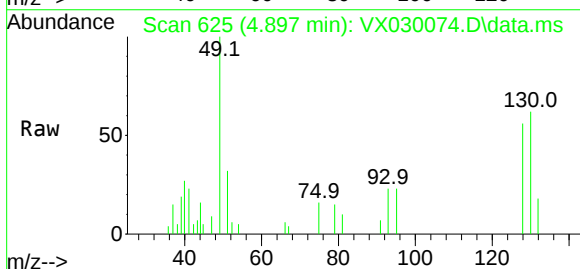
07/15/2022
Supervised By :Mahesh
Dadoda

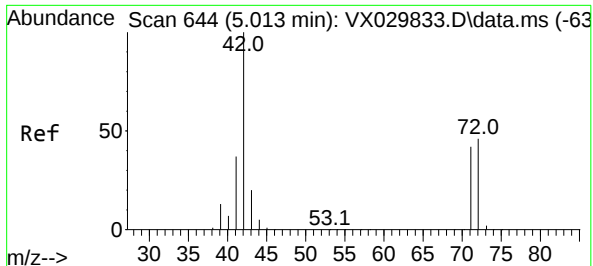
07/15/2022



#28
Bromochloromethane
Concen: 2.959 ug/l
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

Tgt Ion: 49 Resp: 3906
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 85.2 62.8 94.2





#29

Tetrahydrofuran

Concen: 14.583 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:	42	Resp:	1571
Ion Ratio	Lower	Upper	
42	100		
72	44.7	36.5	54.7
71	42.2	33.9	50.9

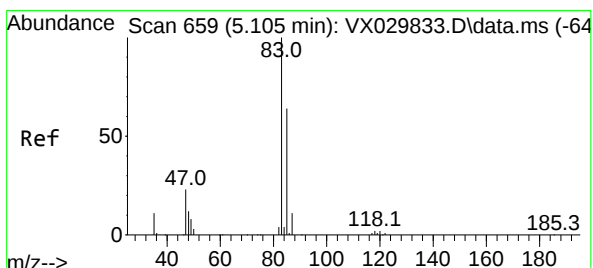
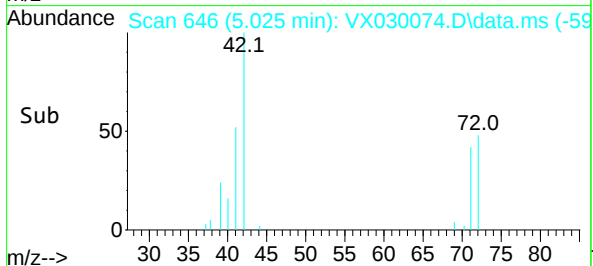
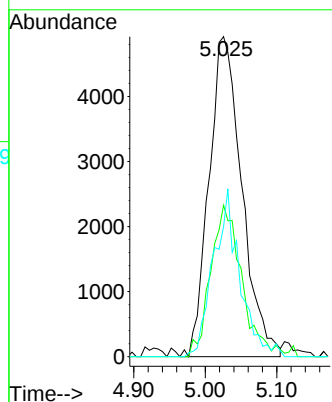
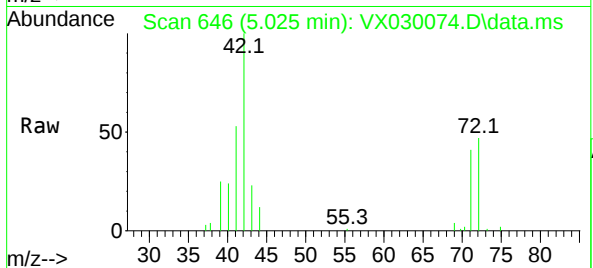
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/15/2022

Supervised By :Mahesh
Dadoda

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#30

Chloroform

Concen: 2.971 ug/l

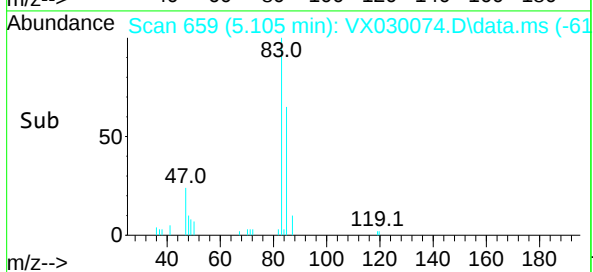
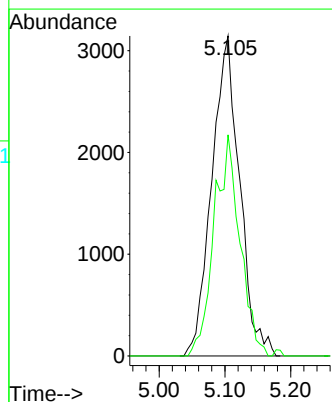
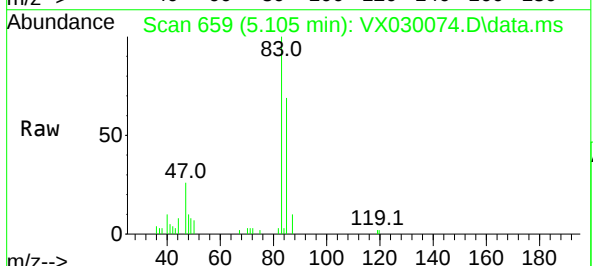
RT: 5.105 min Scan# 659

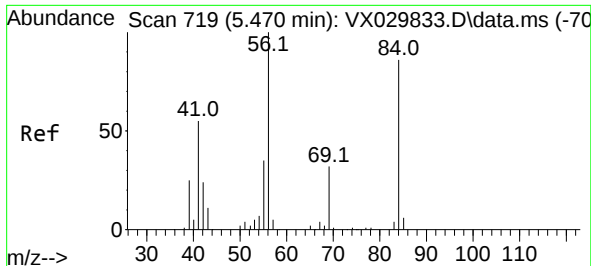
Delta R.T. -0.000 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

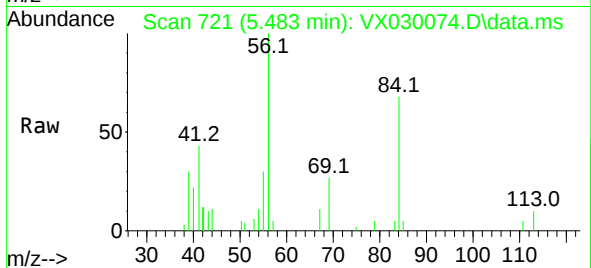
Tgt Ion:	83	Resp:	9290
Ion Ratio	Lower	Upper	
83	100		
85	69.1	51.5	77.3





#31
Cyclohexane
Concen: 2.272 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.013 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



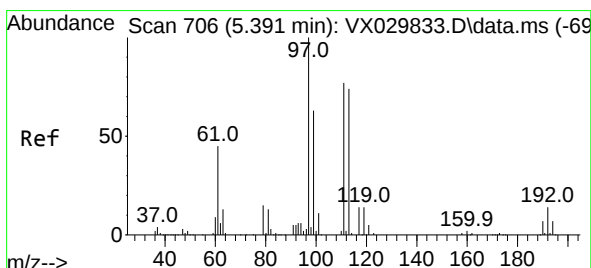
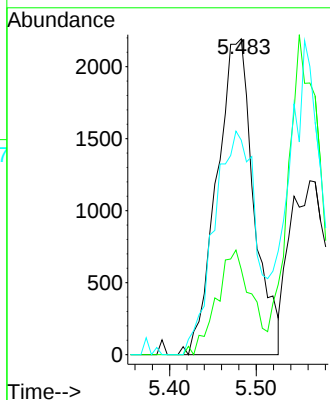
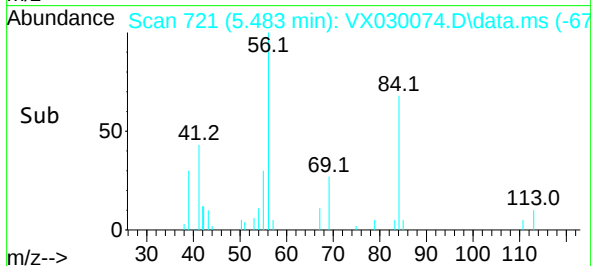
Tgt Ion: 56 Resp: 651
Ion Ratio Lower Upper
56 100
69 27.0 25.4 38.0
84 67.9 68.9 103.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

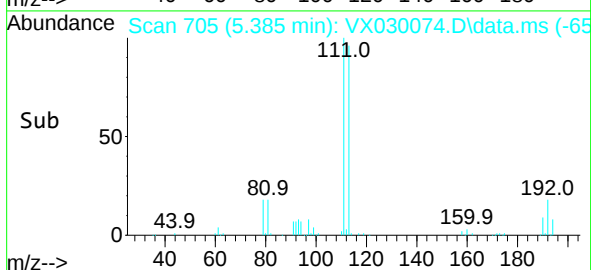
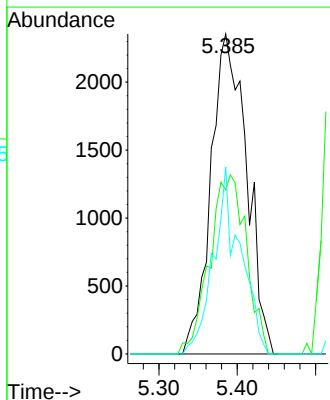
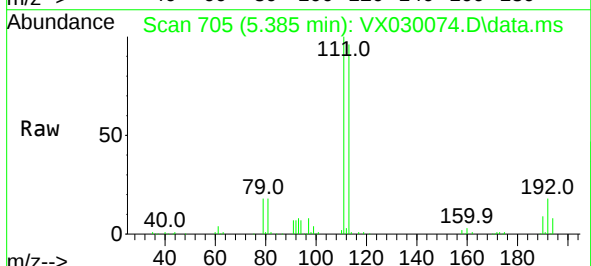
07/15/2022
Supervised By :Mahesh
Dadoda

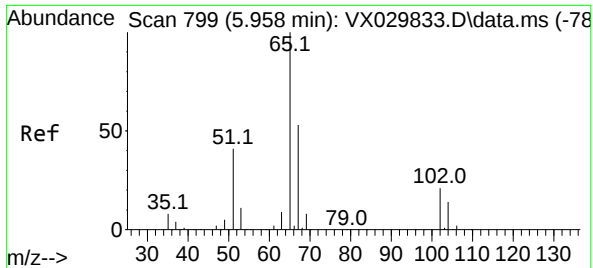
07/15/2022



#32
1,1,1-Trichloroethane
Concen: 2.915 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

Tgt Ion: 97 Resp: 7451
Ion Ratio Lower Upper
97 100
99 57.5 51.4 77.0
61 44.0 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 54.535 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 65 Resp: 10786

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.6

Manual Integrations

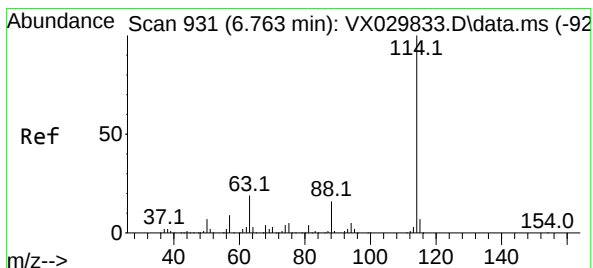
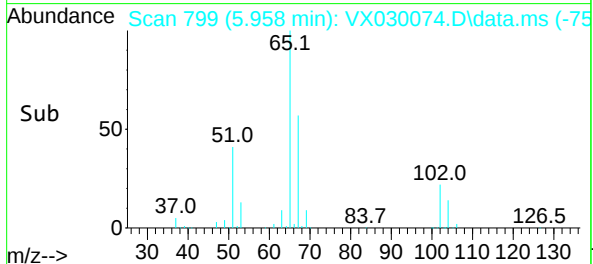
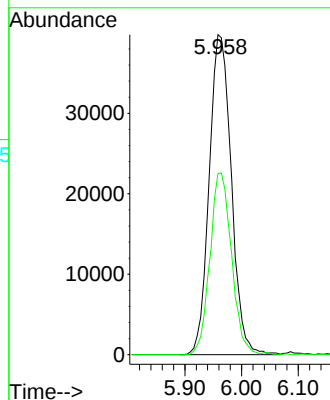
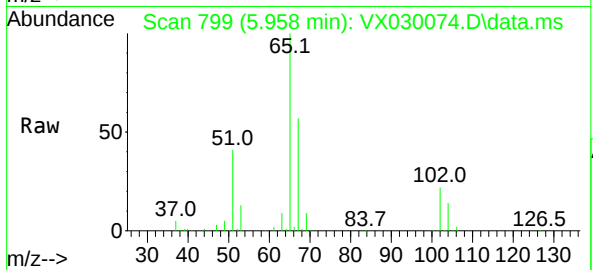
APPROVED

Reviewed By :John
Carlone

07/15/2022

Supervised By :Mahesh
Dadoda

07/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

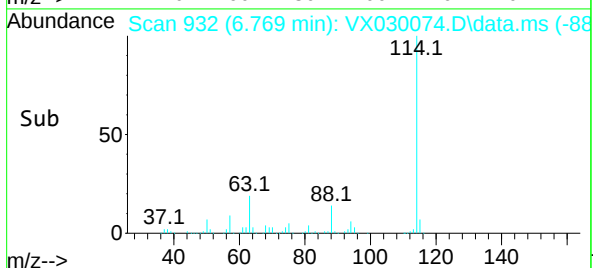
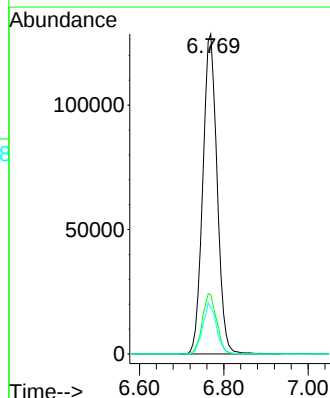
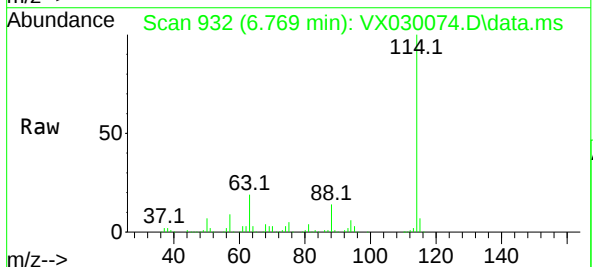
Tgt Ion:114 Resp: 303617

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 14.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.580 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030074.D

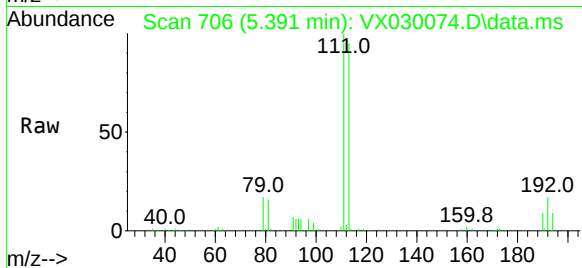
Acq: 14 Jul 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:	113	Resp:	9422
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.2	124.8
192	18.6	14.8	22.2

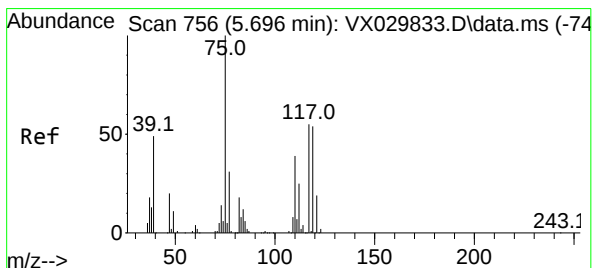
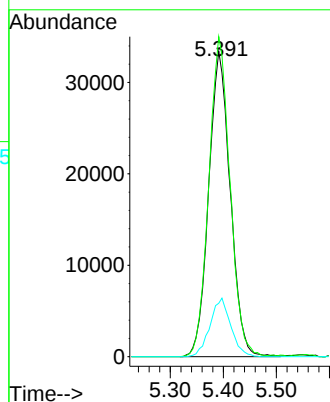
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/15/2022

Supervised By :Mahesh
Dadoda

07/15/2022



#36

1,1-Dichloropropene

Concen: 2.487 ug/l

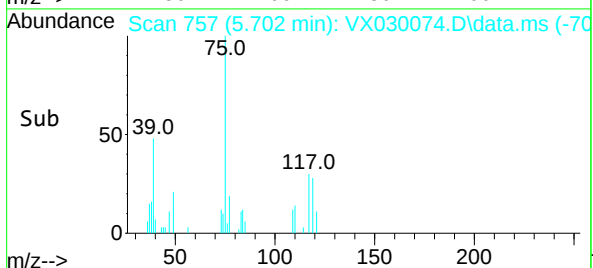
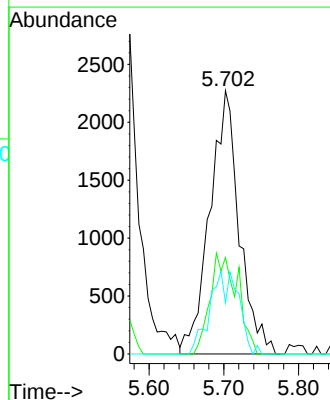
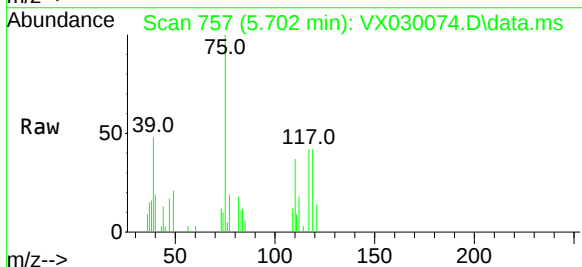
RT: 5.702 min Scan# 757

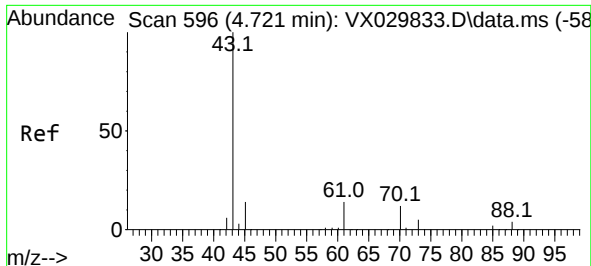
Delta R.T. 0.006 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

Tgt Ion:	75	Resp:	6232
Ion	Ratio	Lower	Upper
75	100		
110	35.7	19.3	57.9
77	17.5	24.4	36.6





#37

Ethyl Acetate

Concen: 2.676 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 43	Resp: 861
Ion Ratio	Lower Upper
43 100	
61 15.9	11.7 17.5
70 11.1	9.3 13.9

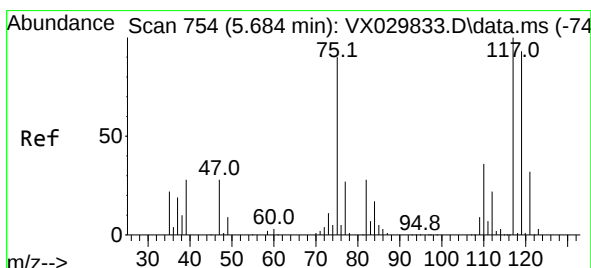
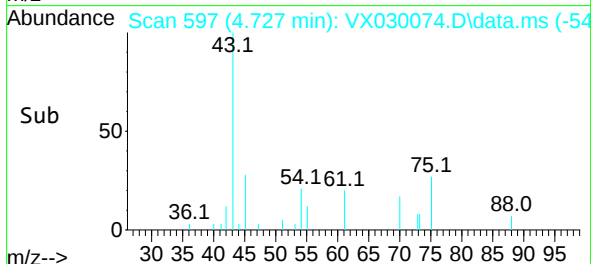
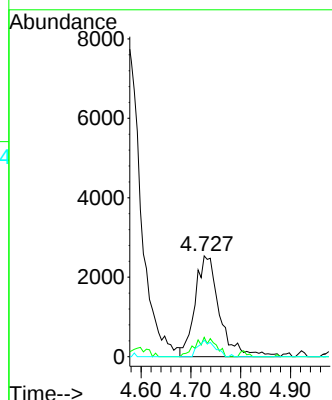
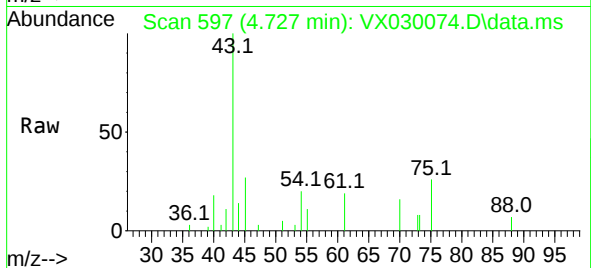
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/15/2022

Supervised By :Mahesh
Dadoda

07/15/2022



#38

Carbon Tetrachloride

Concen: 2.466 ug/l

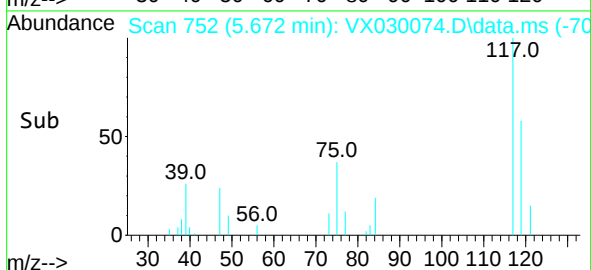
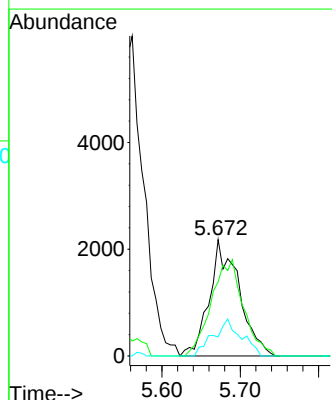
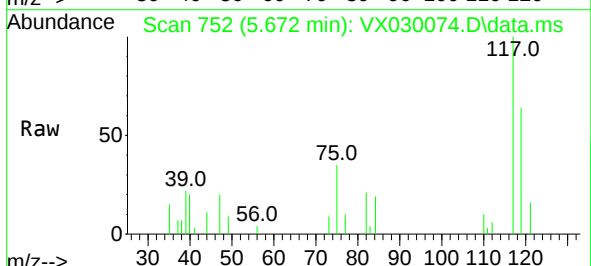
RT: 5.672 min Scan# 752

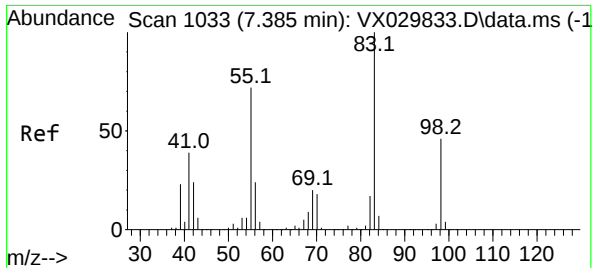
Delta R.T. -0.012 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

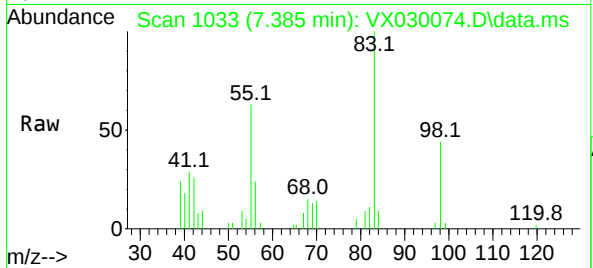
Tgt Ion: 117	Resp: 5762
Ion Ratio	Lower Upper
117 100	
119 63.7	74.1 111.1#
121 16.4	25.8 38.8#





#39
Methylcyclohexane
Concen: 2.008 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



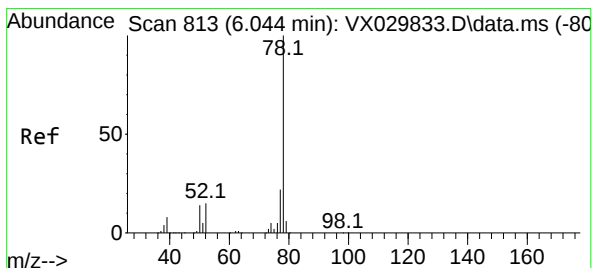
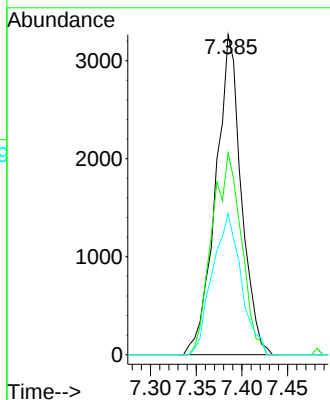
Tgt Ion: 83 Resp: 6370
Ion Ratio Lower Upper
83 100
55 63.1 57.7 86.5
98 44.1 36.5 54.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

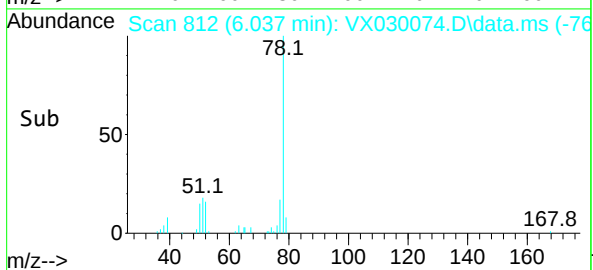
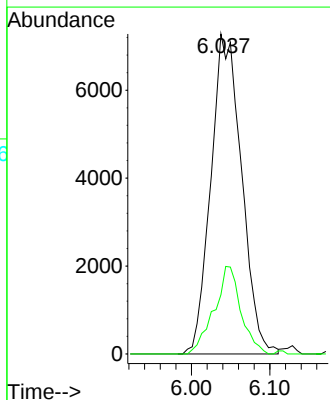
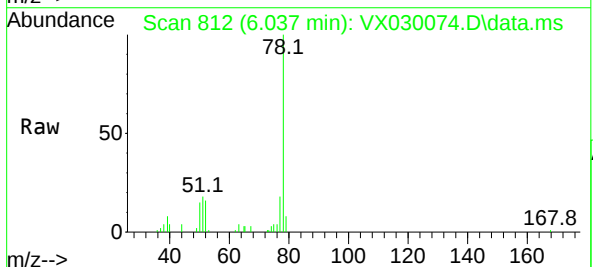
07/15/2022
Supervised By :Mahesh
Dadoda

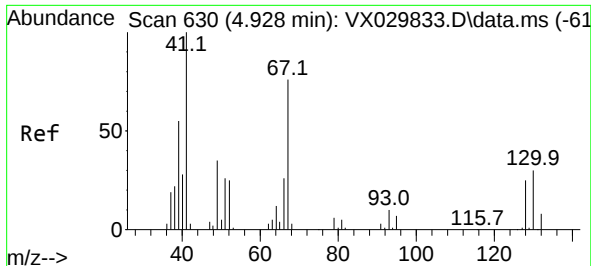
07/15/2022



#40
Benzene
Concen: 2.514 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

Tgt Ion: 78 Resp: 19825
Ion Ratio Lower Upper
78 100
77 18.5 18.0 27.0





#41
Methacrylonitrile
Concen: 2.770 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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

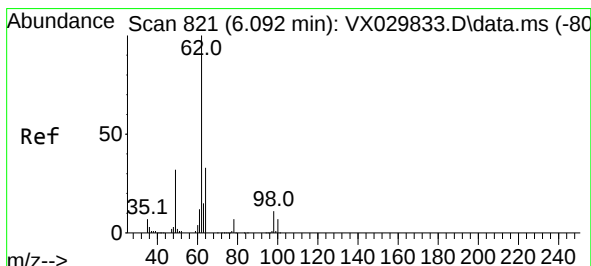
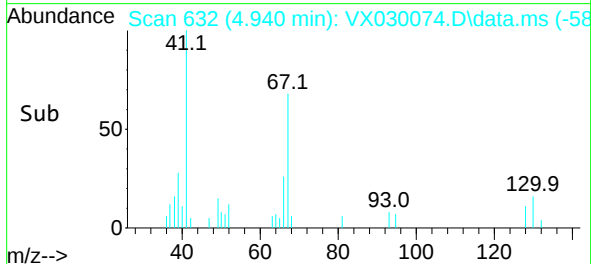
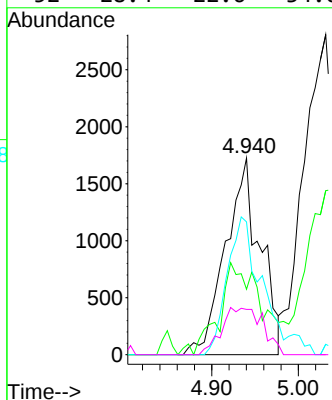
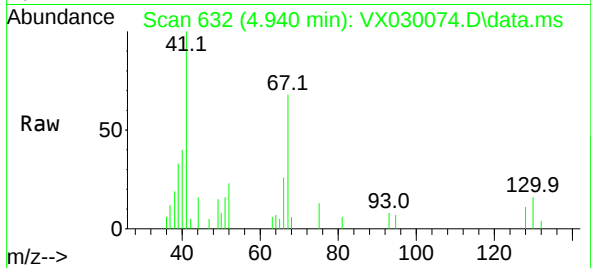
Tgt Ion: 41	Resp: 480
Ion Ratio	Lower Upper
41 100	
39 59.7	42.9 64.3
67 68.2	60.1 90.1
52 28.4	22.6 34.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

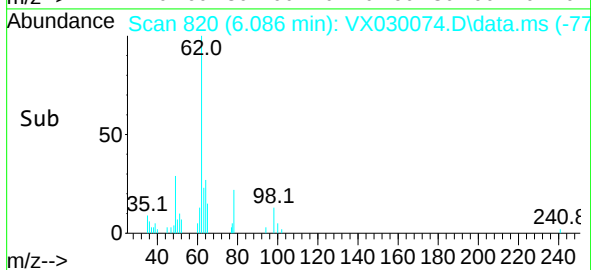
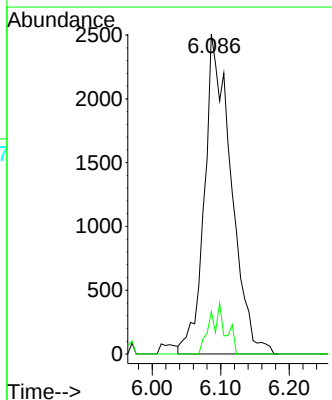
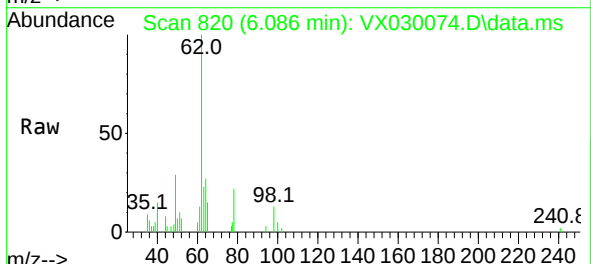
07/15/2022
Supervised By :Mahesh
Dadoda

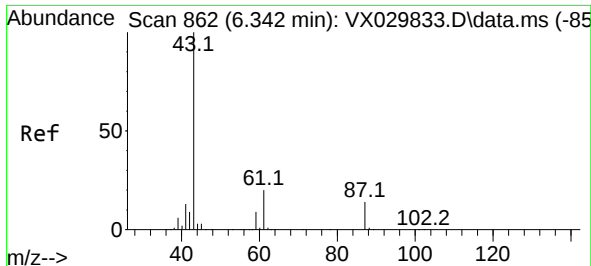
07/15/2022



#42
1,2-Dichloroethane
Concen: 2.774 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

Tgt Ion: 62	Resp: 6780
Ion Ratio	Lower Upper
62 100	
98 4.2	0.0 20.2





#43

Isopropyl Acetate

Concen: 2.728 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 43	Resp: 1320
Ion Ratio	Lower Upper
43 100	
61 19.5	16.5 24.7
87 12.7	11.1 16.7

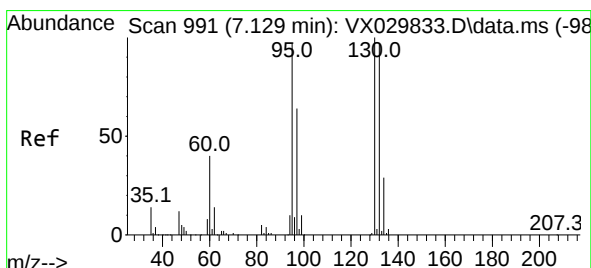
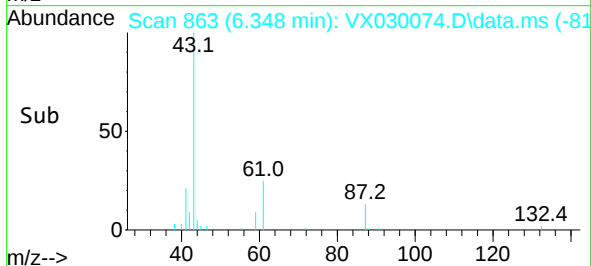
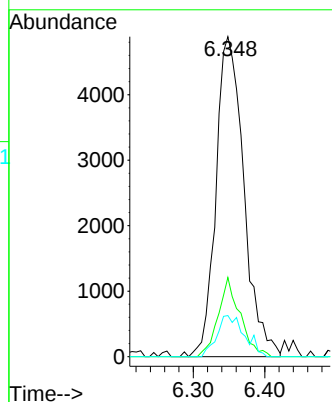
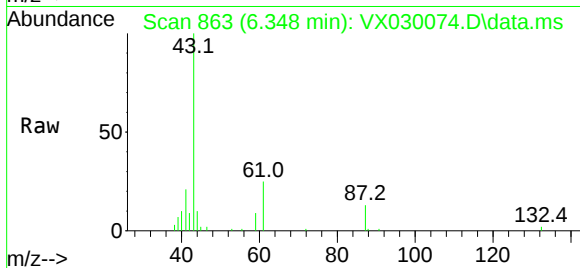
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/15/2022

Supervised By :Mahesh
Dadoda

07/15/2022



#44

Trichloroethene

Concen: 2.507 ug/l

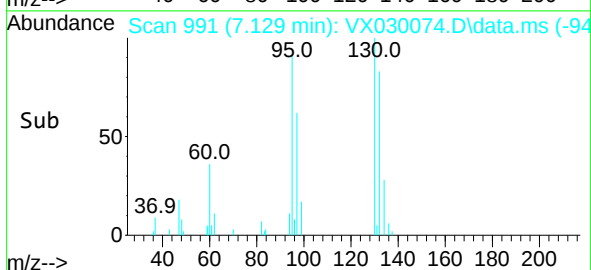
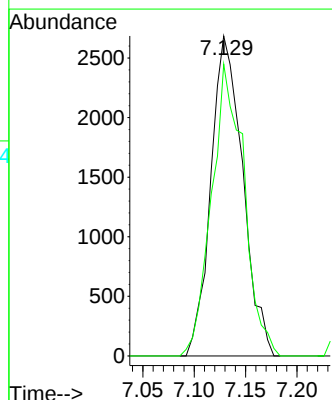
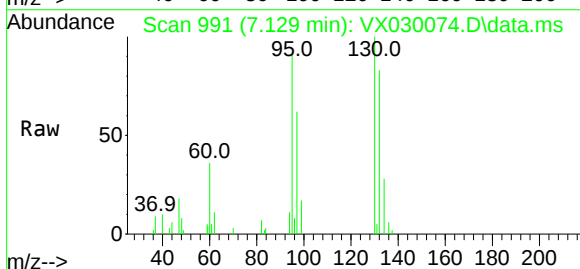
RT: 7.129 min Scan# 991

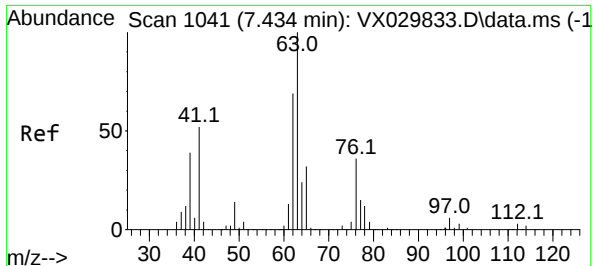
Delta R.T. -0.000 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

Tgt Ion:130	Resp: 5776
Ion Ratio	Lower Upper
130 100	
95 91.2	0.0 194.8





#45

1,2-Dichloropropane

Concen: 2.573 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030074.D

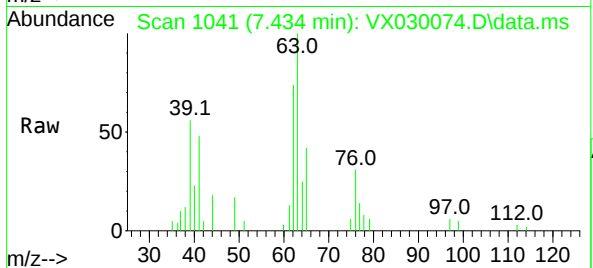
Acq: 14 Jul 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 63	Resp: 527
Ion Ratio	Lower Upper
63	100
65	41.9 25.2 37.8

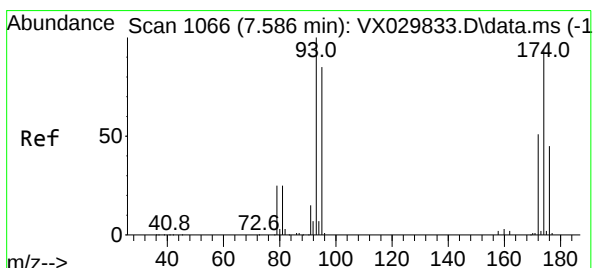
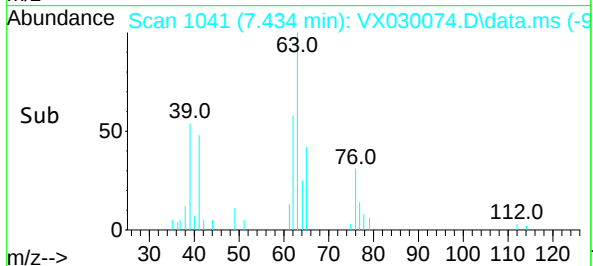
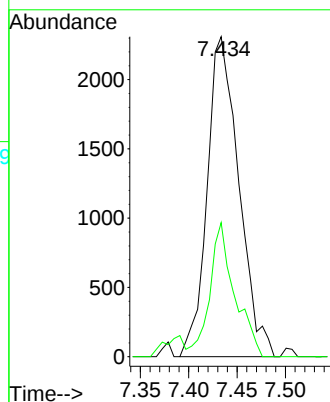
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/15/2022

Supervised By :Mahesh
Dadoda

07/15/2022



#46

Dibromomethane

Concen: 2.476 ug/l

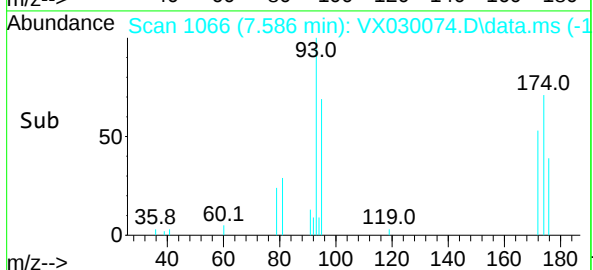
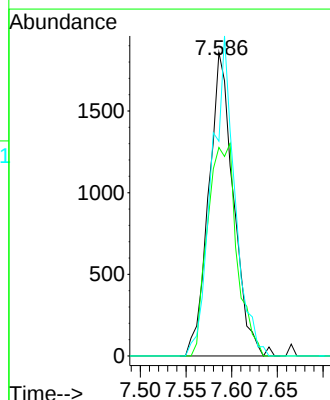
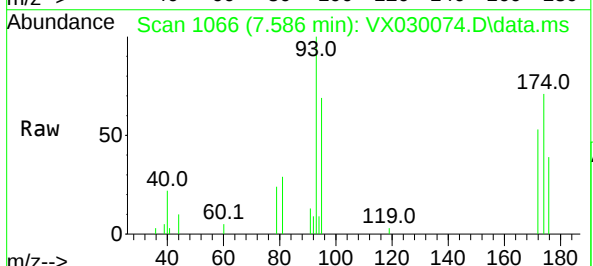
RT: 7.586 min Scan# 1066

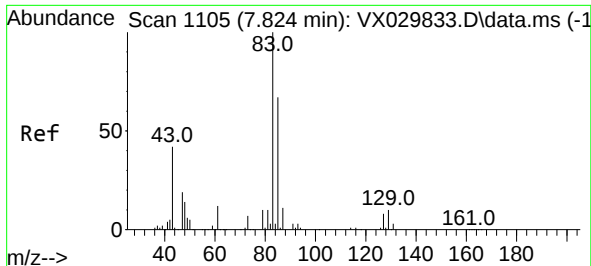
Delta R.T. -0.000 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

Tgt Ion: 93	Resp: 3493
Ion Ratio	Lower Upper
93	100
95	82.4 67.4 101.0
174	98.9 75.6 113.4





#47
Bromodichloromethane
Concen: 2.385 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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

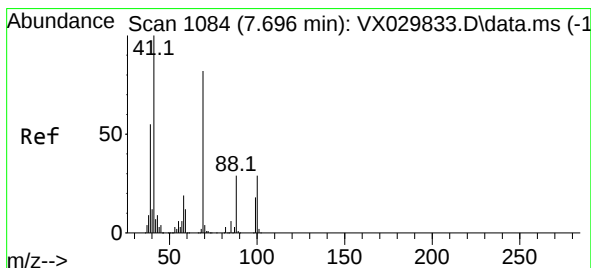
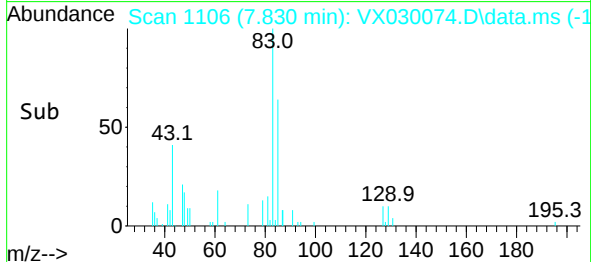
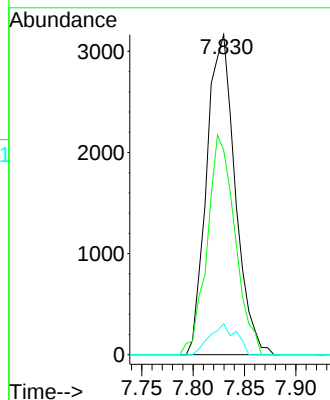
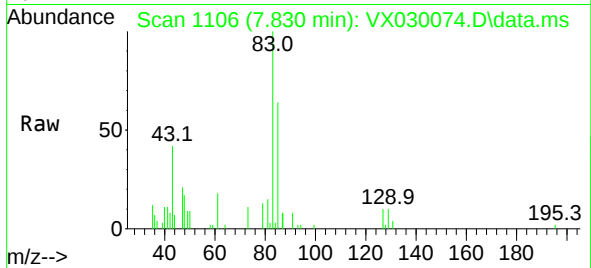
Tgt Ion: 83 Resp: 6104
Ion Ratio Lower Upper
83 100
85 63.8 53.5 80.3
127 9.6 6.6 10.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

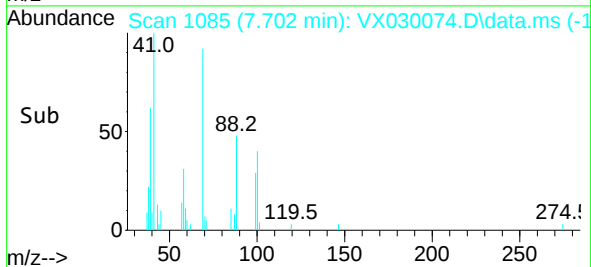
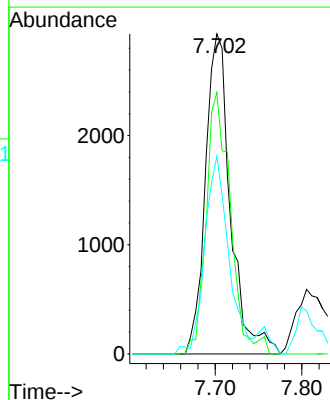
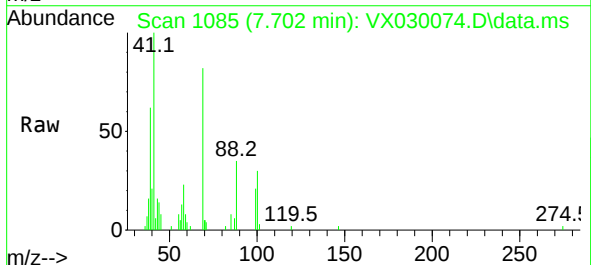
07/15/2022
Supervised By :Mahesh
Dadoda

07/15/2022



#48
Methyl methacrylate
Concen: 2.637 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

Tgt Ion: 41 Resp: 5891
Ion Ratio Lower Upper
41 100
69 79.1 68.8 103.2
39 59.9 44.6 66.8





#49

1,4-Dioxane

Concen: 51.816 ug/l

RT: 7.696 min Scan# 1082

Delta R.T. 0.013 min

Lab File: VX030074.D

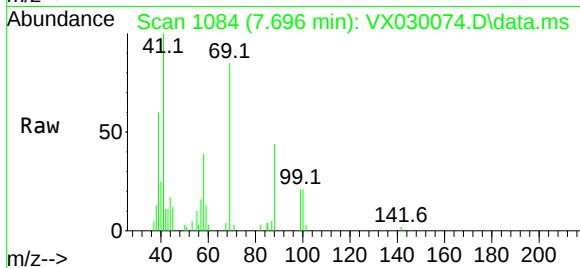
Acq: 14 Jul 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:	88	Resp:	300
Ion	Ratio	Lower	Upper
88	100		
43	32.9	23.8	35.8
58	74.8	53.8	80.6

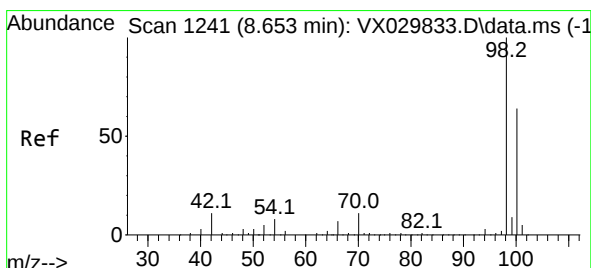
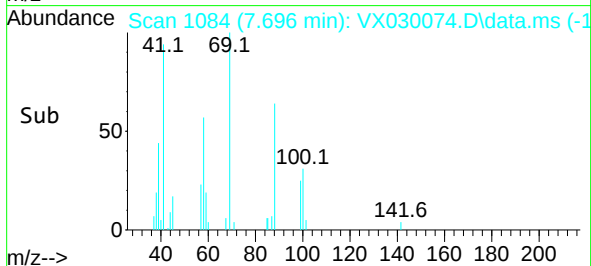
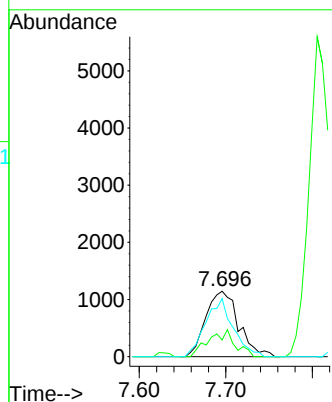
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/15/2022

Supervised By :Mahesh
Dadoda

07/15/2022



#50

Toluene-d8

Concen: 48.891 ug/l

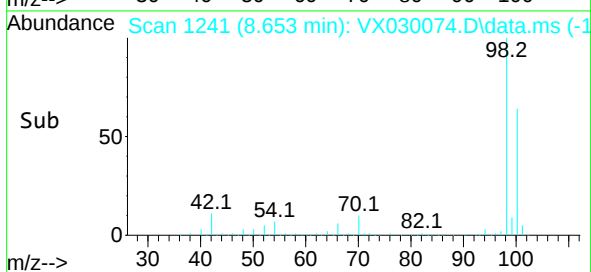
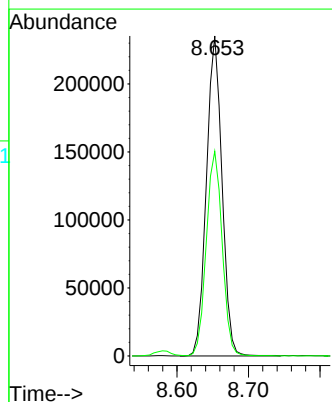
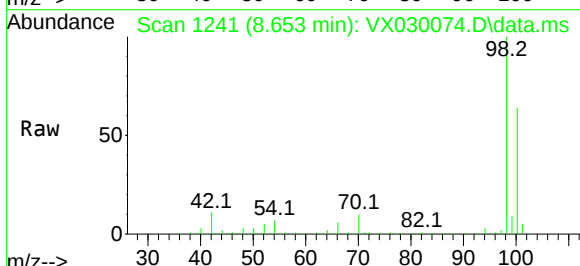
RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

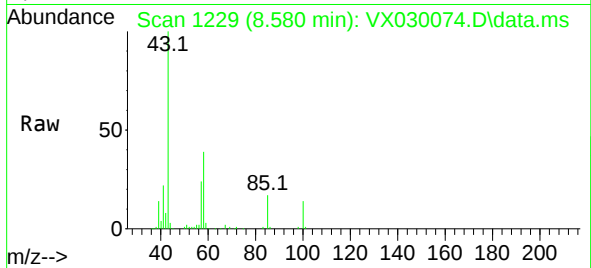
Tgt Ion:	98	Resp:	356653
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.3	78.5





#51
4-Methyl-2-Pentanone
Concen: 13.441 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



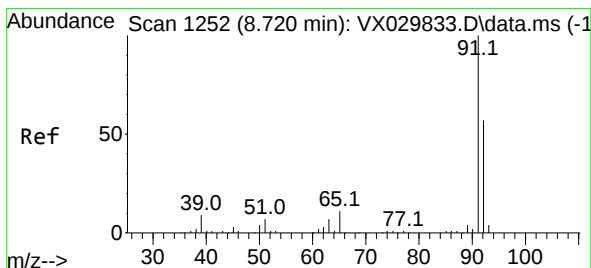
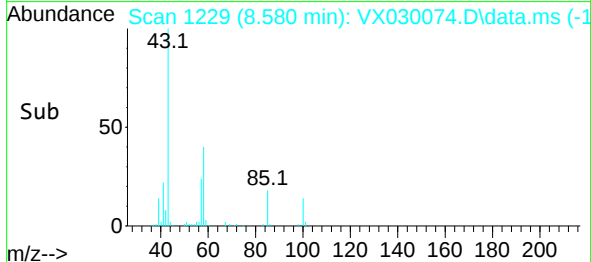
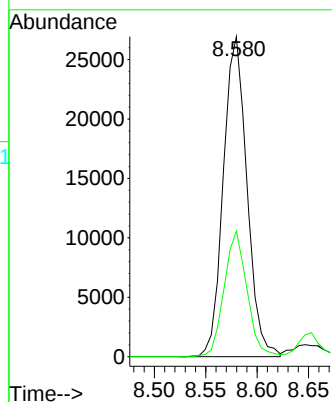
Tgt Ion: 43 Resp: 43059
Ion Ratio Lower Upper
43 100
58 37.9 31.4 47.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

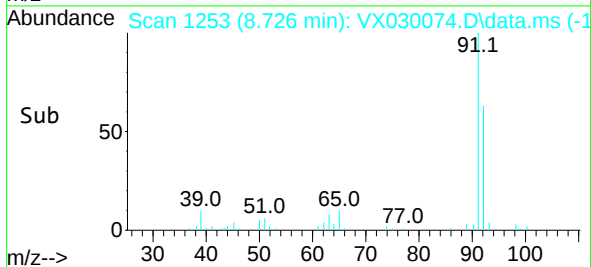
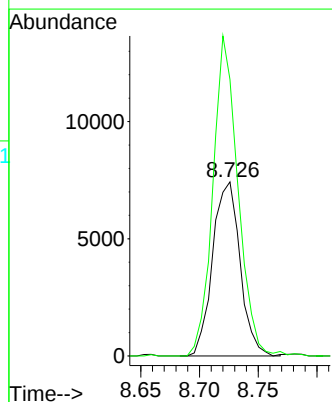
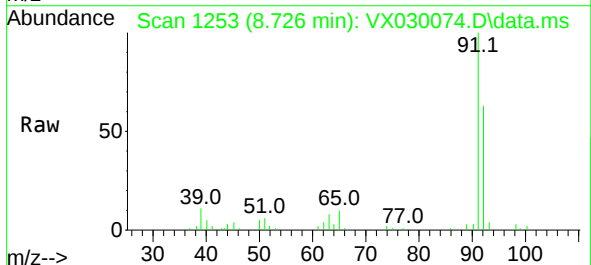
07/15/2022
Supervised By :Mahesh
Dadoda

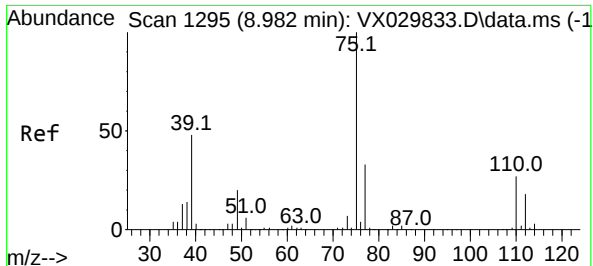
07/15/2022



#52
Toluene
Concen: 2.410 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

Tgt Ion: 92 Resp: 12067
Ion Ratio Lower Upper
92 100
91 168.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 1.936 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 75 Resp: 5149

Ion Ratio Lower Upper

75 100

77 32.3 26.3 39.5

Manual Integrations

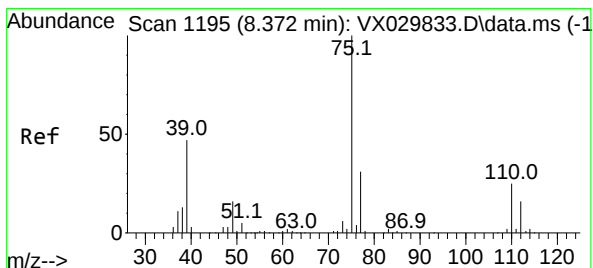
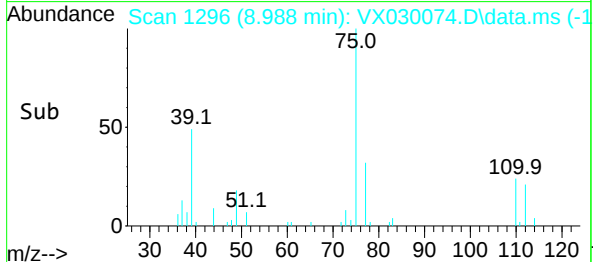
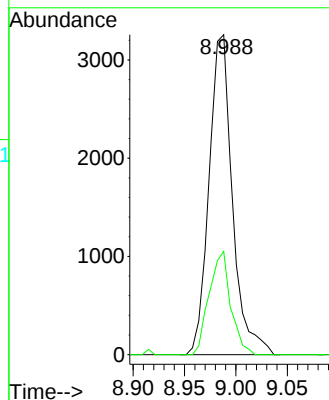
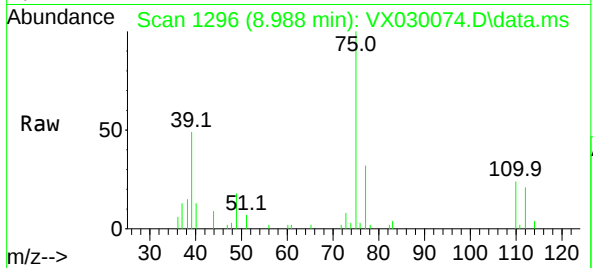
APPROVED

Reviewed By :John
Carlone

07/15/2022

Supervised By :Mahesh
Dadoda

07/15/2022



#54

cis-1,3-Dichloropropene

Concen: 1.959 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

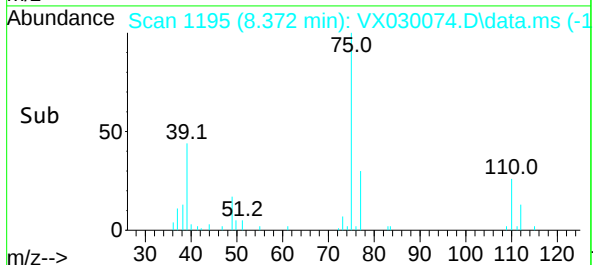
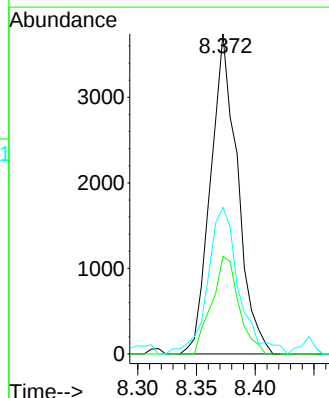
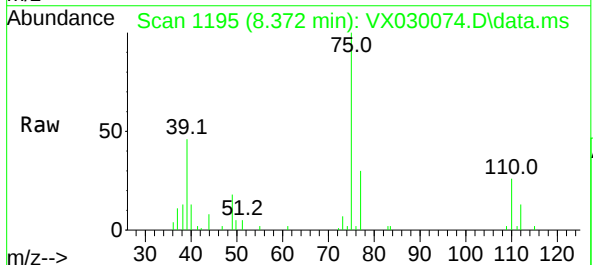
Tgt Ion: 75 Resp: 5968

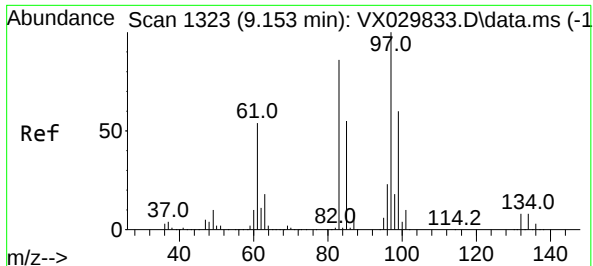
Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4

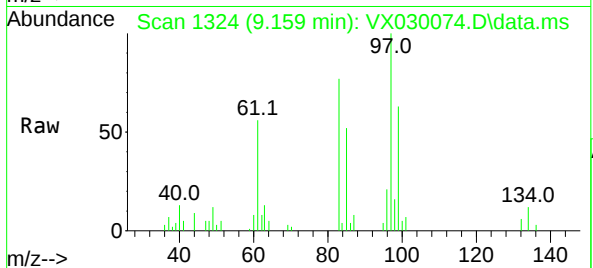
39 44.1 37.5 56.3





#55
1,1,2-Trichloroethane
Concen: 2.733 ug/l
RT: 9.159 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



Tgt Ion: 97 Resp: 564

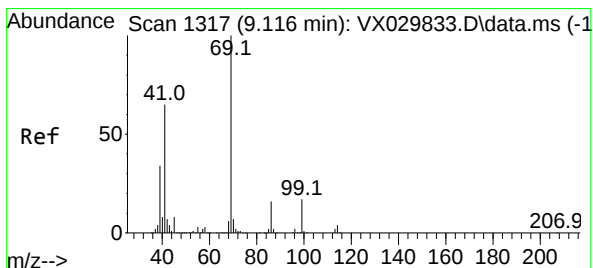
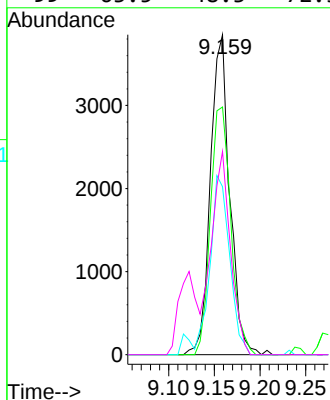
Ion	Ratio	Lower	Upper
97	100		
83	77.4	68.9	103.3
85	52.5	44.0	66.0
99	63.5	48.3	72.5

Manual Integrations
APPROVED

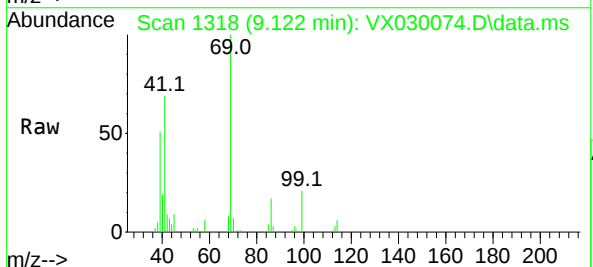
Reviewed By :John
Carlone

07/15/2022
Supervised By :Mahesh
Dadoda

07/15/2022

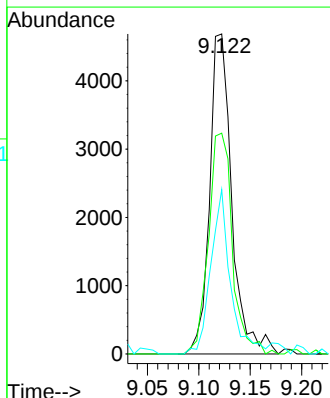
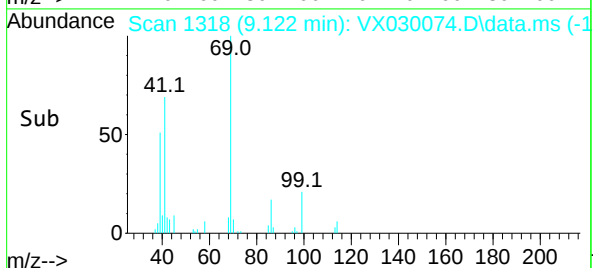


#56
Ethyl methacrylate
Concen: 2.267 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28



Tgt Ion: 69 Resp: 7039

Ion	Ratio	Lower	Upper
69	100		
41	74.4	52.3	78.5
39	45.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 2.481 ug/l

RT: 9.311 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 76 Resp: 8138

Ion Ratio Lower Upper

76 100

78 34.7 25.9 38.9

Manual Integrations

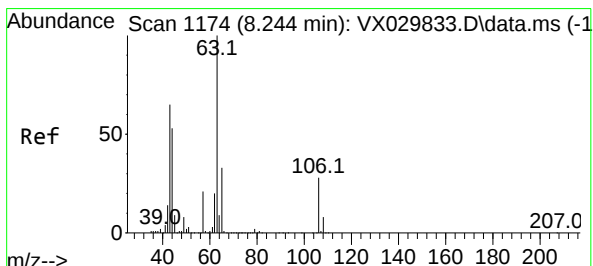
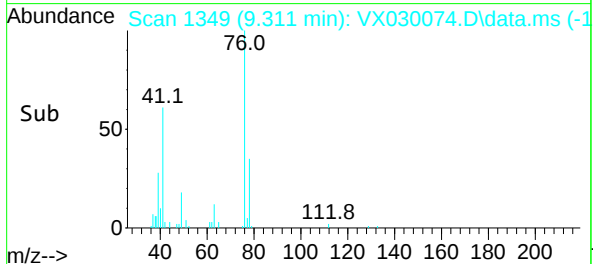
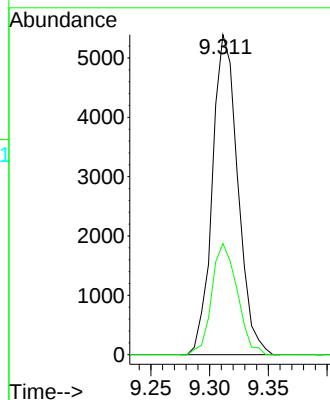
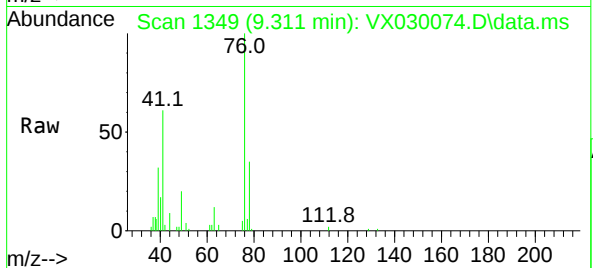
APPROVED

Reviewed By :John
Carlone

07/15/2022

Supervised By :Mahesh
Dadoda

07/15/2022



#58

2-Chloroethyl Vinyl ether

Concen: 10.945 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX030074.D

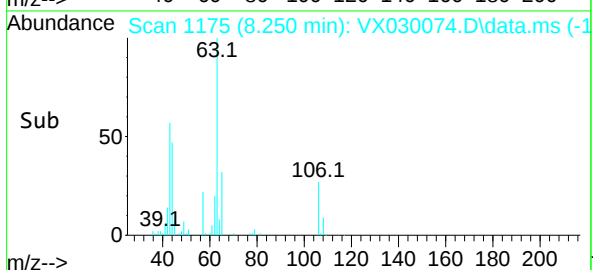
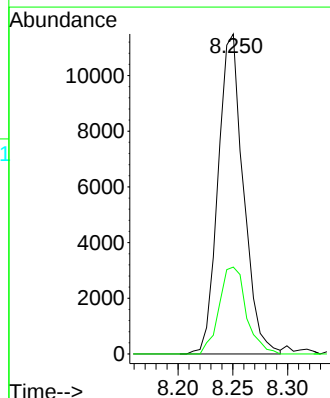
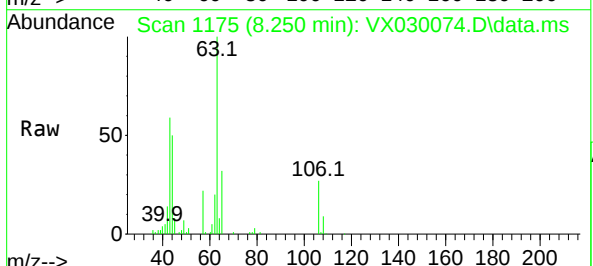
Acq: 14 Jul 2022 20:28

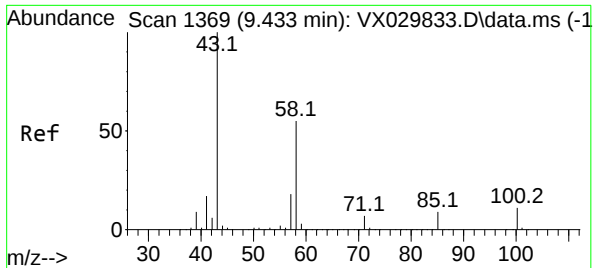
Tgt Ion: 63 Resp: 18451

Ion Ratio Lower Upper

63 100

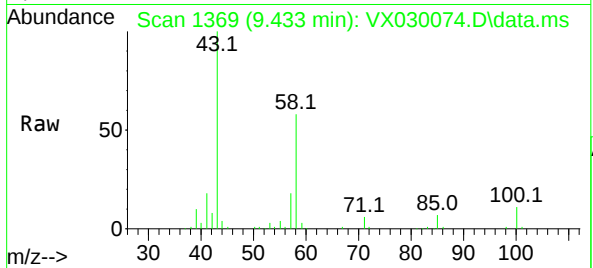
106 29.0 22.2 33.2





#59
2-Hexanone
Concen: 12.822 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



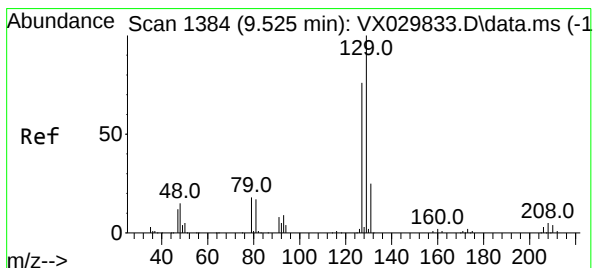
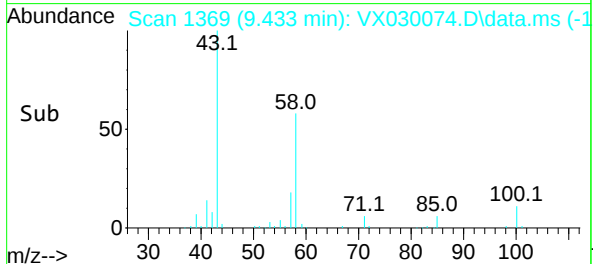
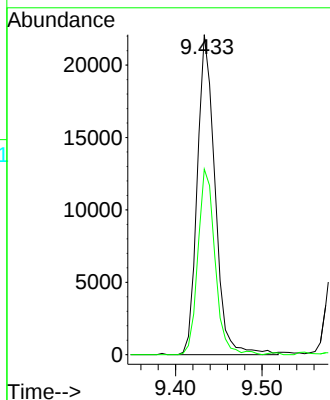
Tgt Ion: 43 Resp: 31498
Ion Ratio Lower Upper
43 100
58 55.9 27.6 82.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

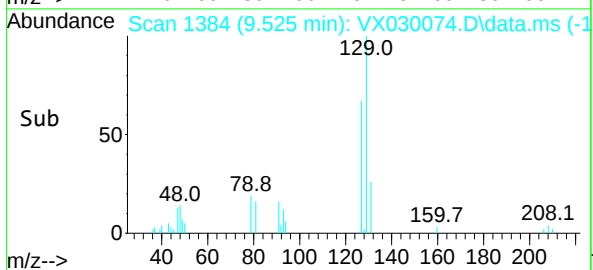
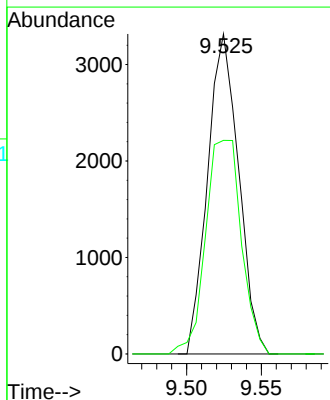
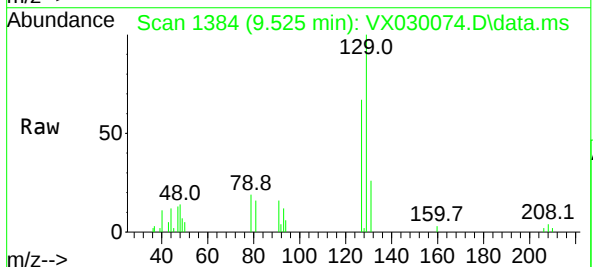
07/15/2022
Supervised By :Mahesh
Dadoda

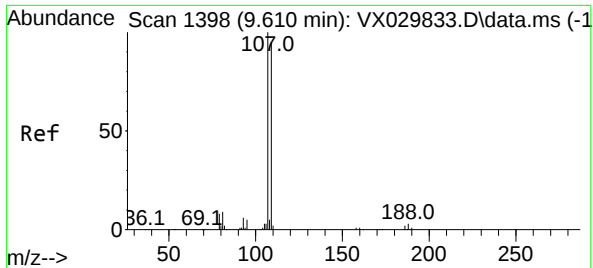
07/15/2022



#60
Dibromochloromethane
Concen: 2.383 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

Tgt Ion:129 Resp: 4793
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 2.414 ug/l

RT: 9.616 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:107 Resp: 5188
 Ion Ratio Lower Upper
 107 100
 109 94.3 76.6 114.8

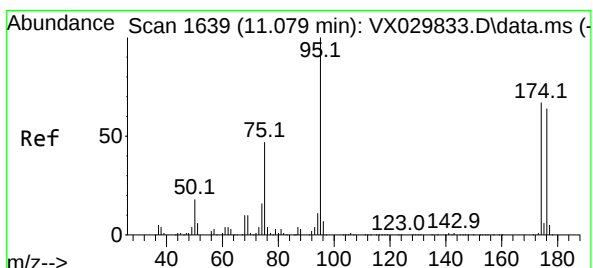
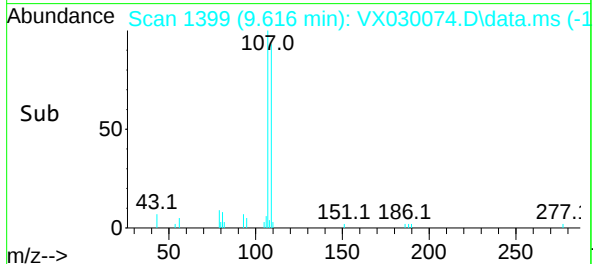
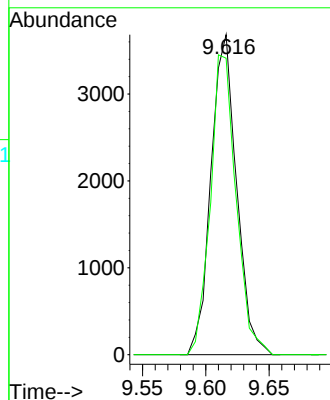
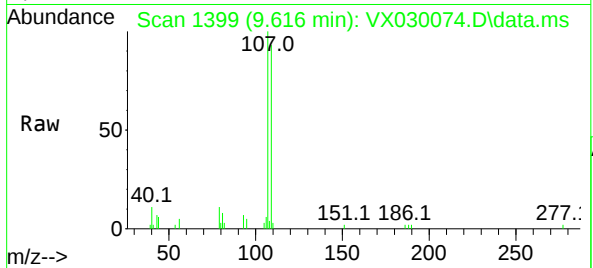
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

07/15/2022

Supervised By :Mahesh
 Dadoda

07/15/2022



#62

4-Bromofluorobenzene

Concen: 46.048 ug/l

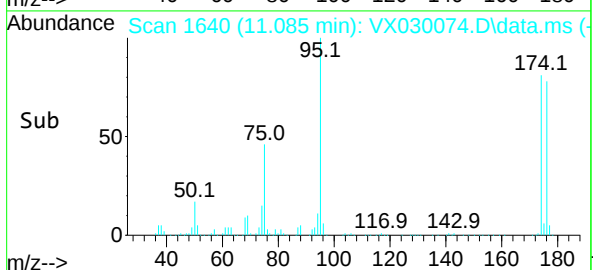
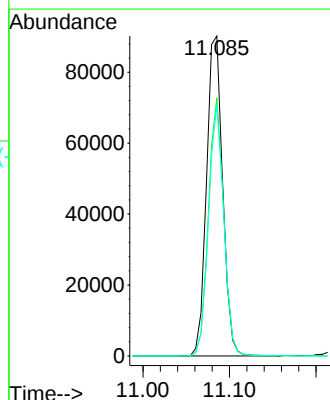
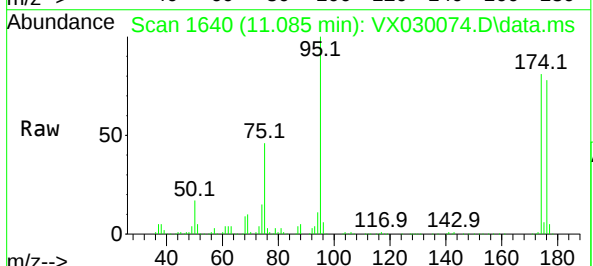
RT: 11.085 min Scan# 1640

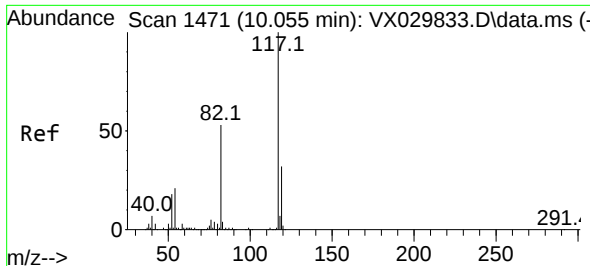
Delta R.T. 0.006 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

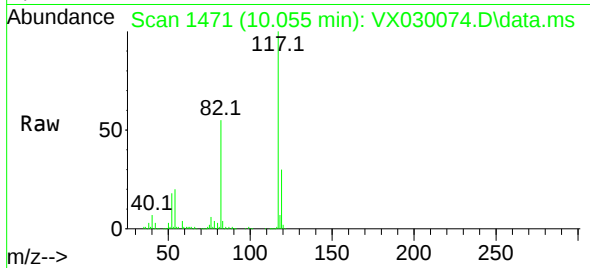
Tgt Ion: 95 Resp: 116571
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 149.0
 176 74.4 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



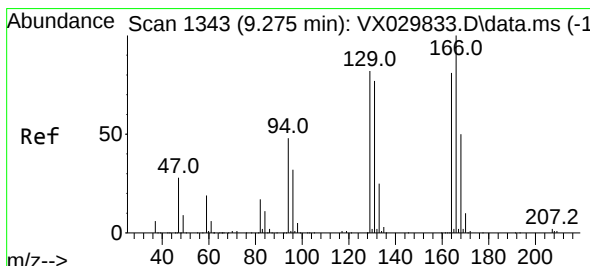
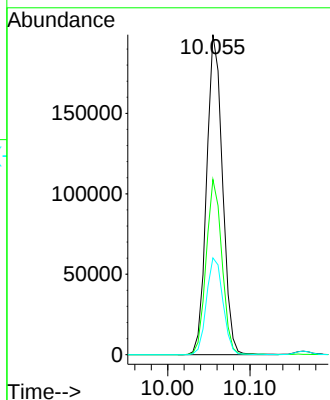
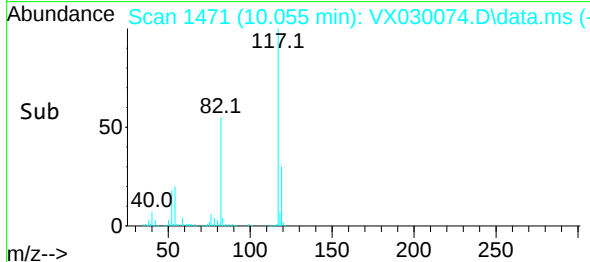
Tgt Ion:117 Resp: 266075
Ion Ratio Lower Upper
117 100
82 54.8 42.7 64.1
119 30.3 25.4 38.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

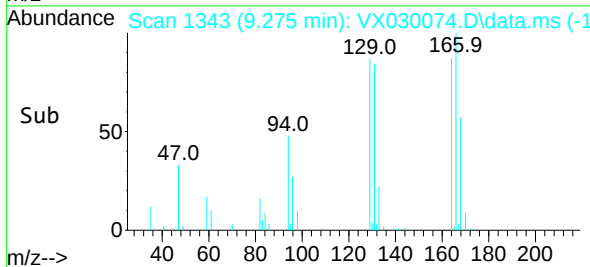
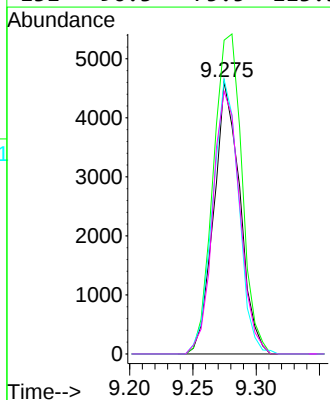
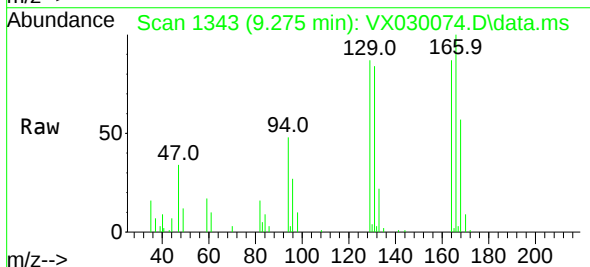
07/15/2022
Supervised By :Mahesh
Dadoda

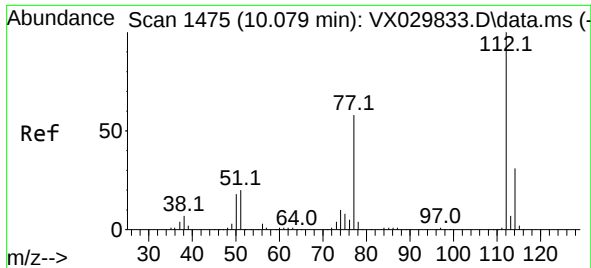
07/15/2022



#64
Tetrachloroethene
Concen: 3.091 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

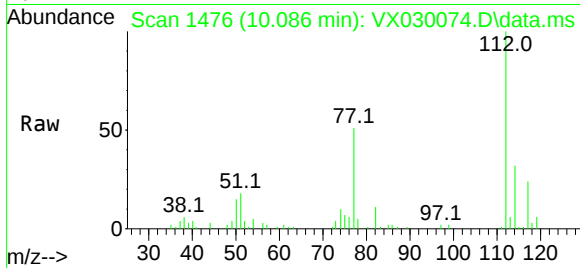
Tgt Ion:164 Resp: 6603
Ion Ratio Lower Upper
164 100
166 115.1 98.2 147.4
129 100.7 80.8 121.2
131 96.3 75.5 113.3





#65
Chlorobenzene
Concen: 2.466 ug/l
RT: 10.086 min Scan# 1475
Delta R.T. 0.007 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



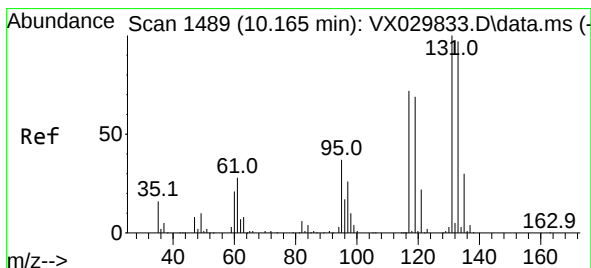
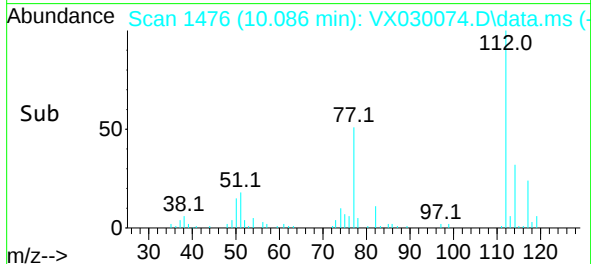
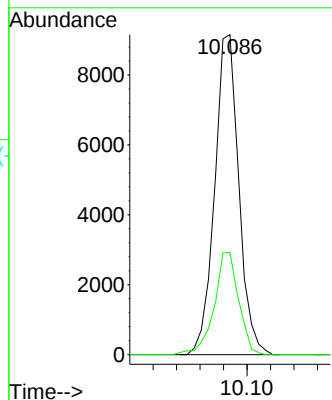
Tgt Ion:112 Resp: 13064
Ion Ratio Lower Upper
112 100
114 32.0 24.6 36.8

Manual Integrations
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Reviewed By :John
Carlone

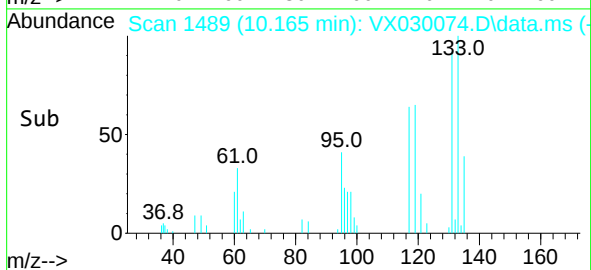
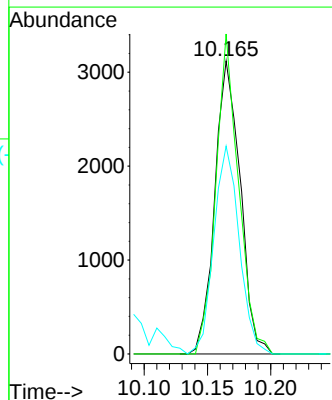
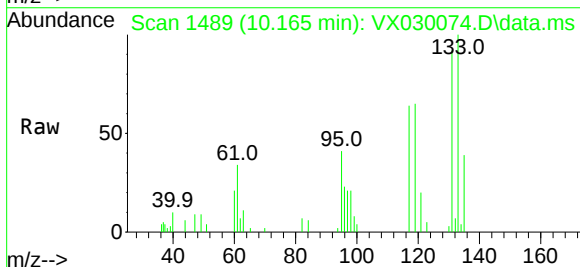
07/15/2022
Supervised By :Mahesh
Dadoda

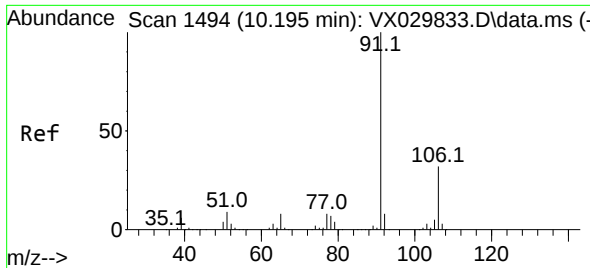
07/15/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 2.416 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

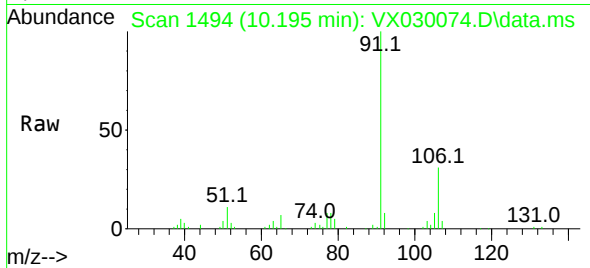
Tgt Ion:131 Resp: 4364
Ion Ratio Lower Upper
131 100
133 97.5 46.9 140.8
119 70.7 34.4 103.1





#67
Ethyl Benzene
Concen: 2.473 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



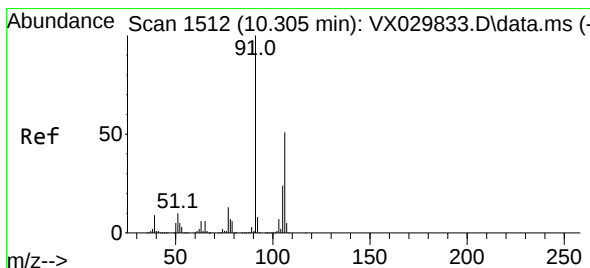
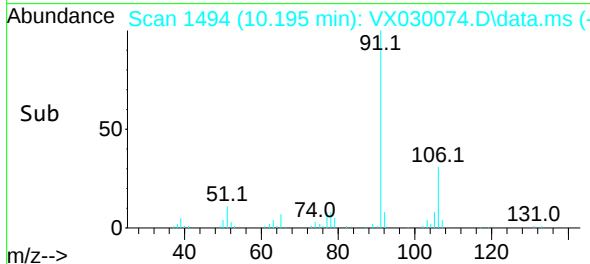
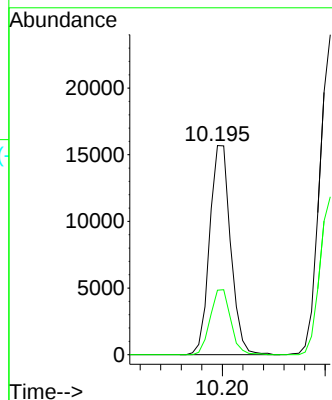
Tgt Ion: 91 Resp: 2220
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3

Manual Integrations
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Reviewed By :John
Carlone

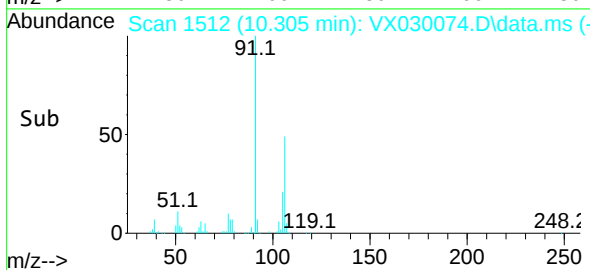
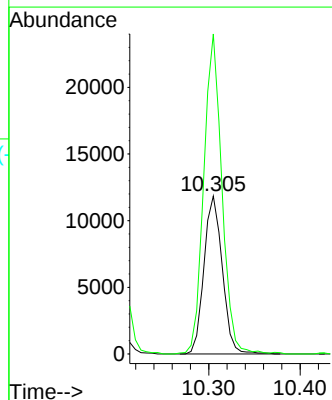
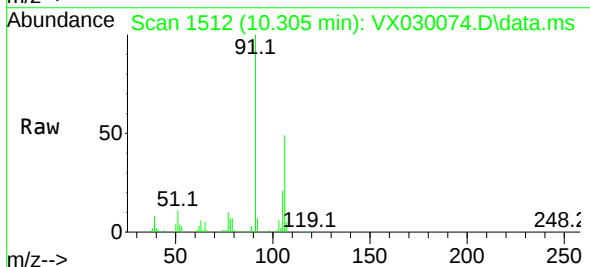
07/15/2022
Supervised By :Mahesh
Dadoda

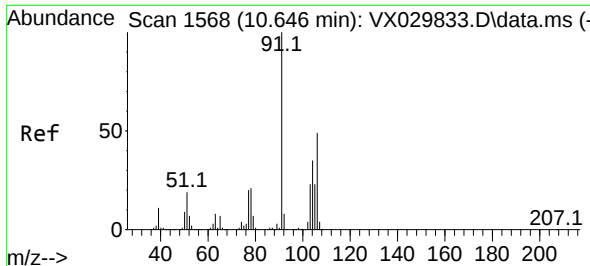
07/15/2022



#68
m/p-Xylenes
Concen: 4.676 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

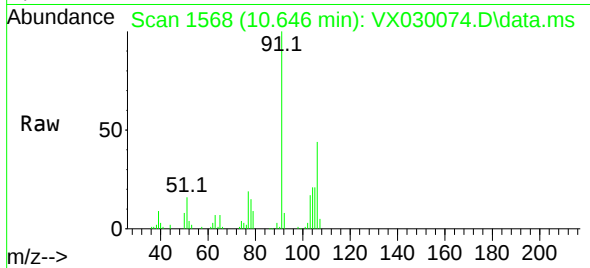
Tgt Ion:106 Resp: 16468
Ion Ratio Lower Upper
106 100
91 200.5 158.2 237.4





#69
o-Xylene
Concen: 2.318 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



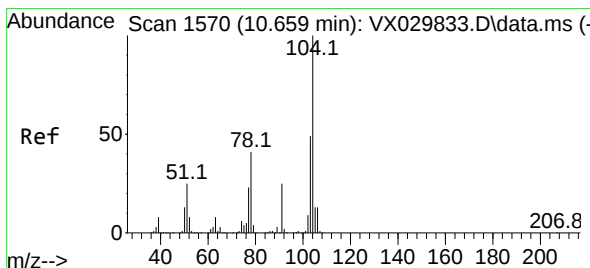
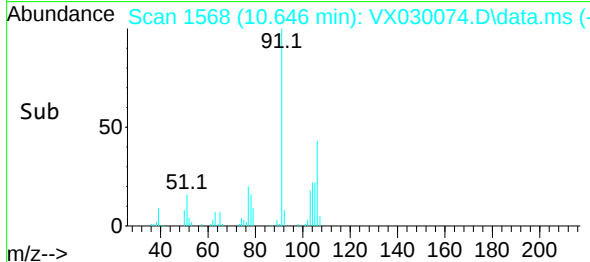
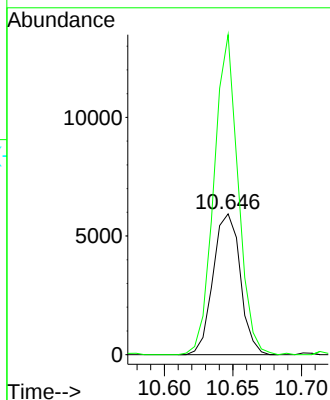
Tgt Ion:106 Resp: 8170
Ion Ratio Lower Upper
106 100
91 202.6 103.8 311.6

Manual Integrations
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Reviewed By :John
Carlone

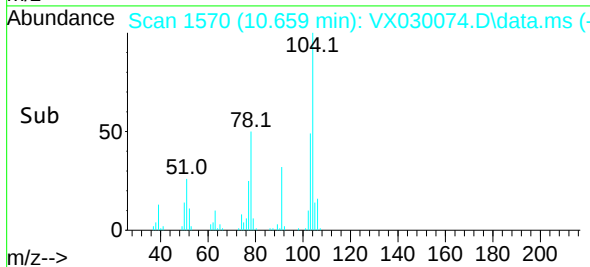
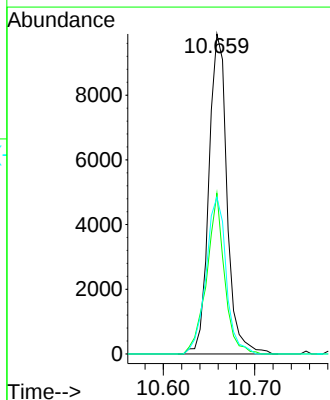
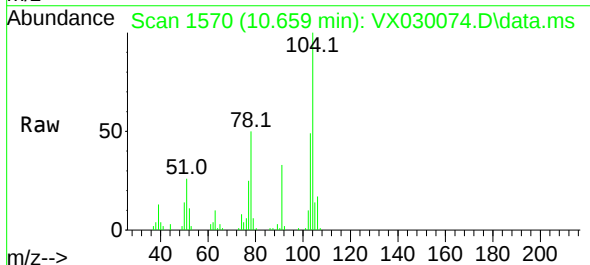
07/15/2022
Supervised By :Mahesh
Dadoda

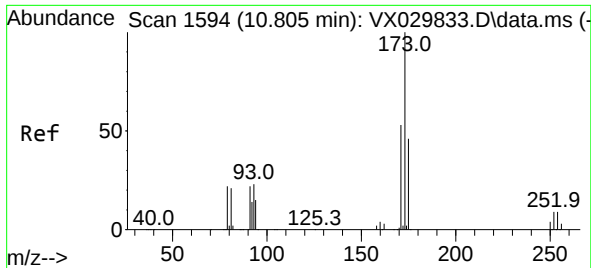
07/15/2022



#70
Styrene
Concen: 2.327 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

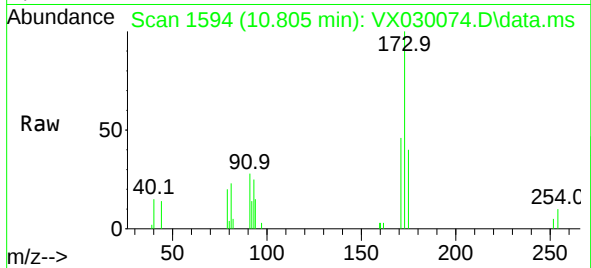
Tgt Ion:104 Resp: 13622
Ion Ratio Lower Upper
104 100
78 49.0 37.8 56.8
103 54.5 44.5 66.7





#71
Bromoform
Concen: 2.271 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



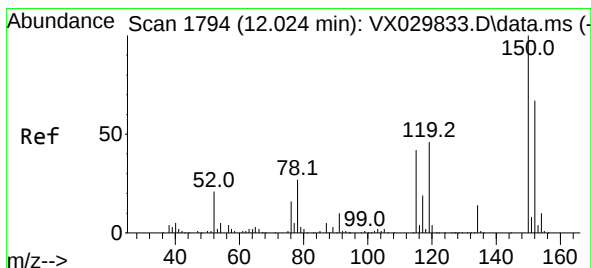
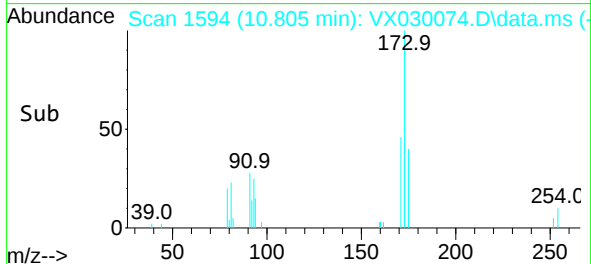
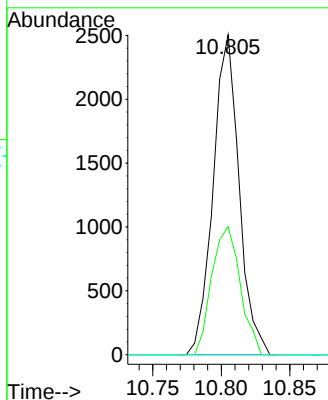
Tgt Ion:173 Resp: 3298
Ion Ratio Lower Upper
173 100
175 43.9 23.8 71.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

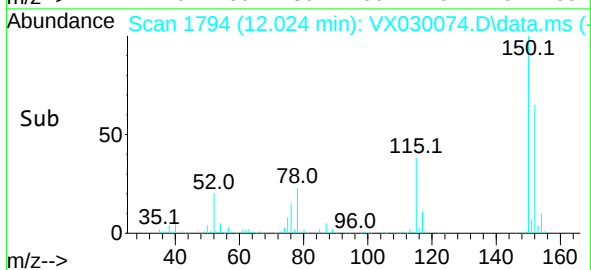
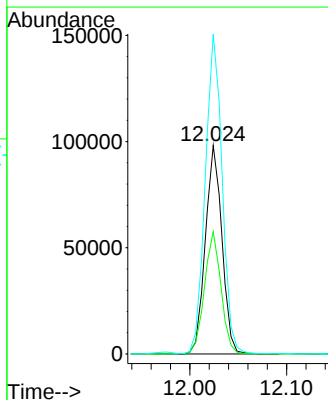
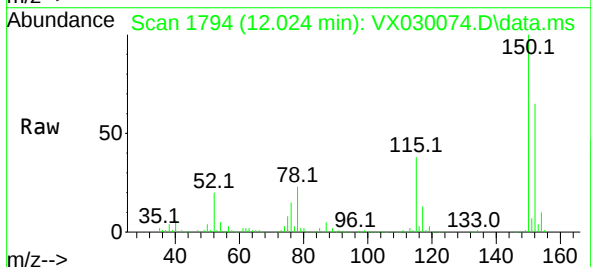
07/15/2022
Supervised By :Mahesh
Dadoda

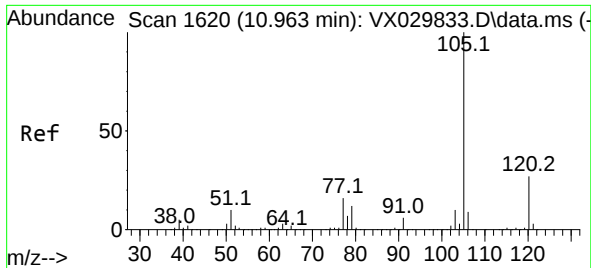
07/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

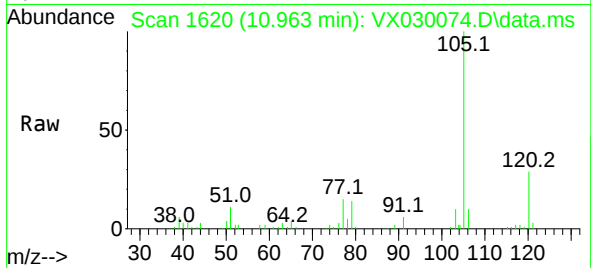
Tgt Ion:152 Resp: 117418
Ion Ratio Lower Upper
152 100
115 58.5 40.5 121.5
150 155.3 0.0 347.0





#73
Isopropylbenzene
Concen: 2.450 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



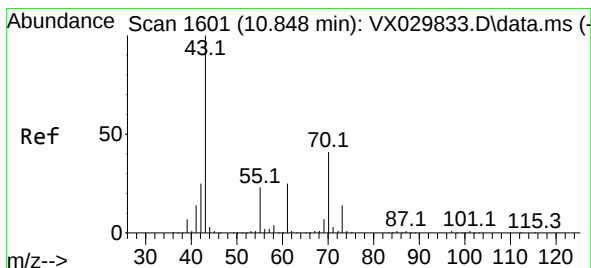
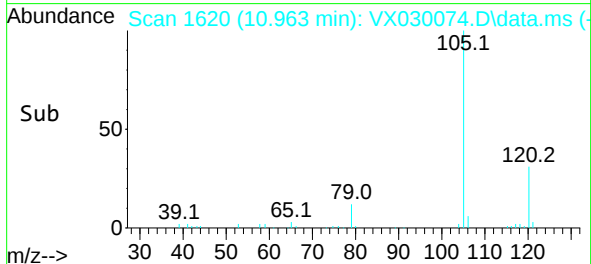
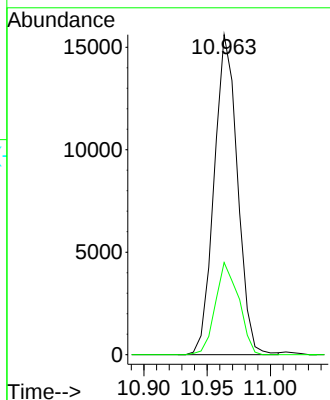
Tgt Ion:105 Resp: 20028
Ion Ratio Lower Upper
105 100
120 28.8 13.5 40.4

Manual Integrations
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Reviewed By :John
Carlone

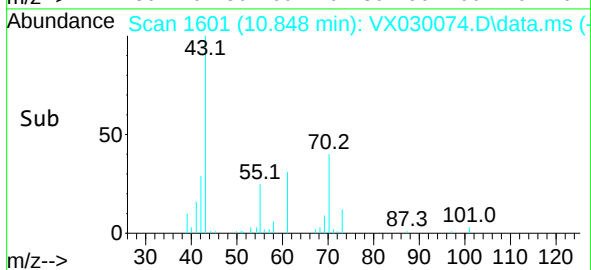
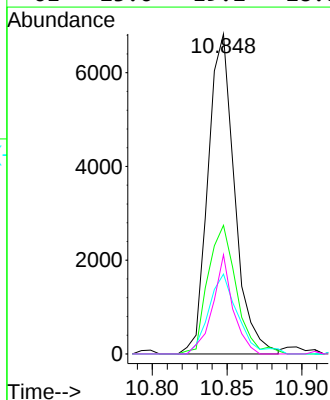
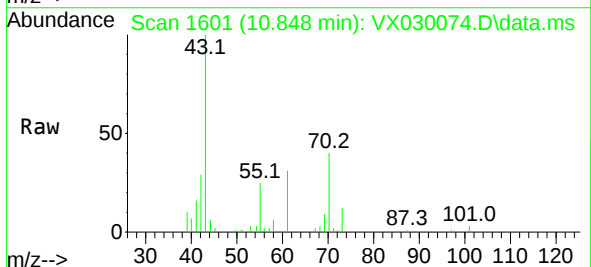
07/15/2022
Supervised By :Mahesh
Dadoda

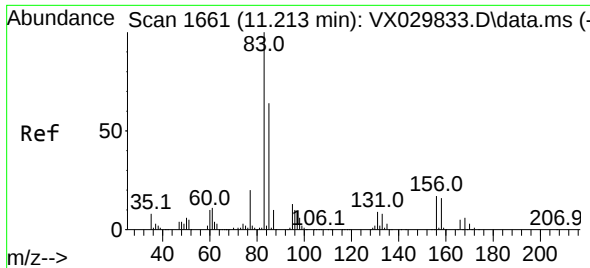
07/15/2022



#74
N-ethyl acetate
Concen: 2.350 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

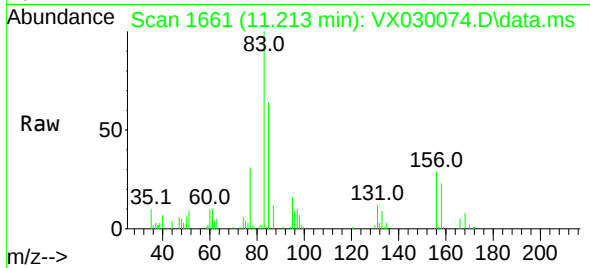
Tgt Ion: 43 Resp: 8440
Ion Ratio Lower Upper
43 100
70 43.0 32.3 48.5
55 27.2 18.4 27.6
61 23.6 19.2 28.8





#75
1,1,2,2-Tetrachloroethane
Concen: 2.901 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



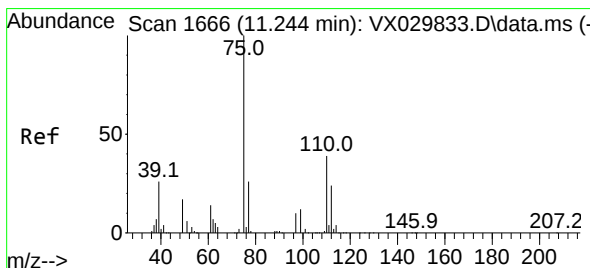
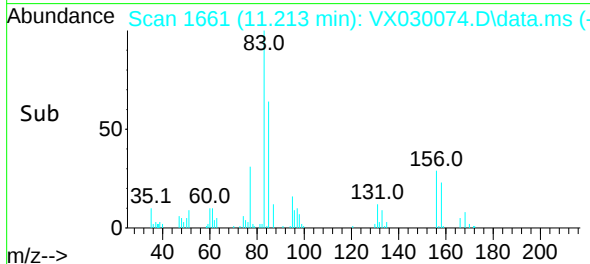
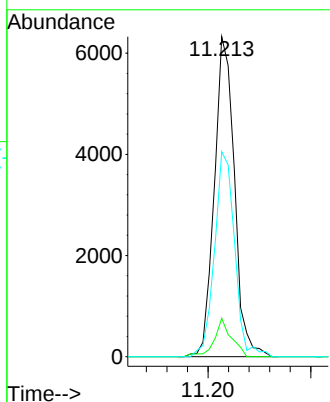
Tgt Ion: 83 Resp: 855
Ion Ratio Lower Upper
83 100
131 10.2 4.5 13.7
85 64.2 32.5 97.5

Manual Integrations
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Reviewed By :John
Carlone

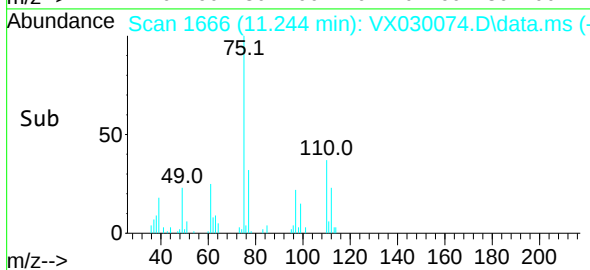
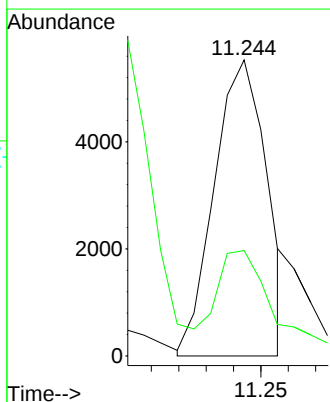
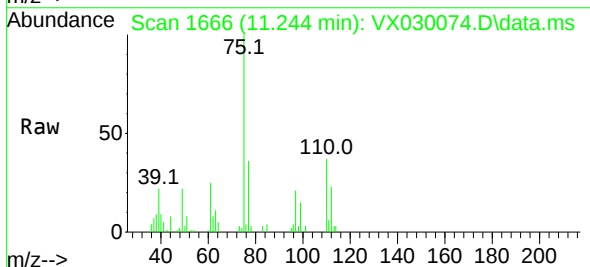
07/15/2022
Supervised By :Mahesh
Dadoda

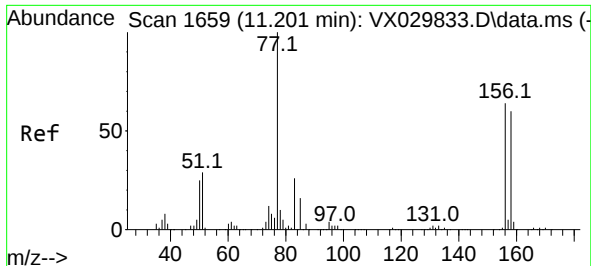
07/15/2022



#76
1,2,3-Trichloropropane
Concen: 2.733 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

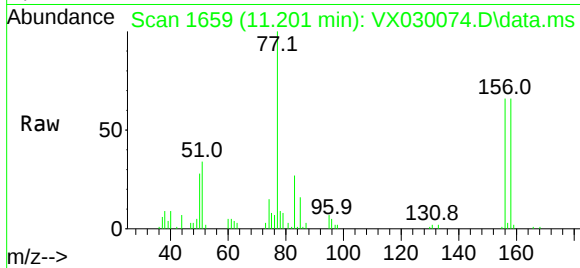
Tgt Ion: 75 Resp: 7378
Ion Ratio Lower Upper
75 100
77 39.3 19.8 59.3





#77
Bromobenzene
Concen: 2.613 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



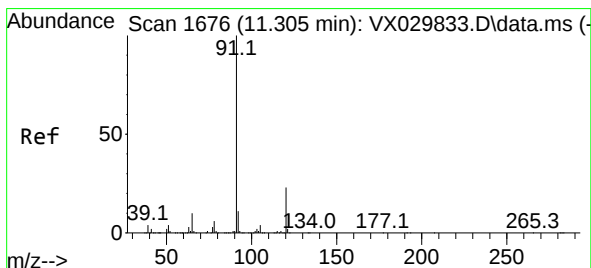
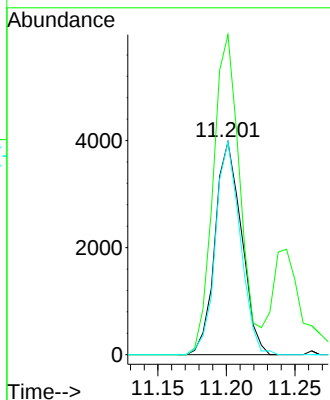
Tgt Ion: 156 Resp: 5340
Ion Ratio Lower Upper
156 100
77 152.2 82.7 247.9
158 93.8 47.5 142.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

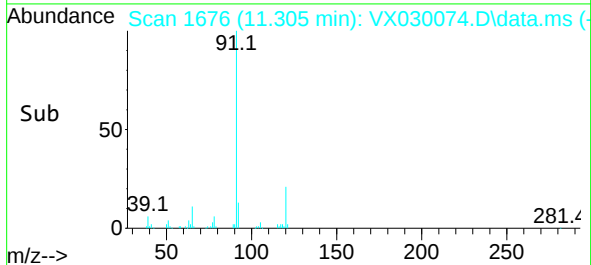
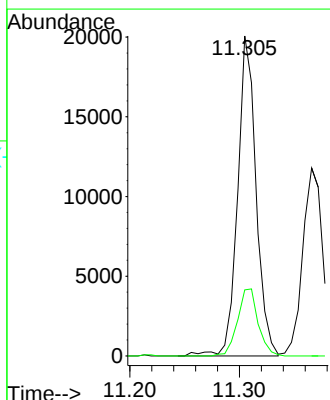
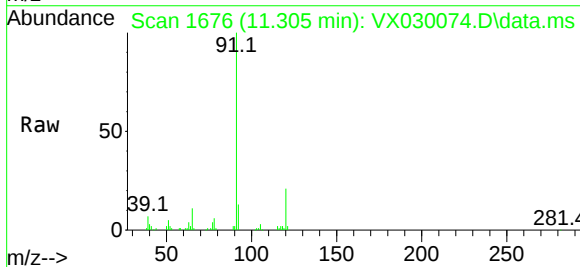
07/15/2022
Supervised By :Mahesh
Dadoda

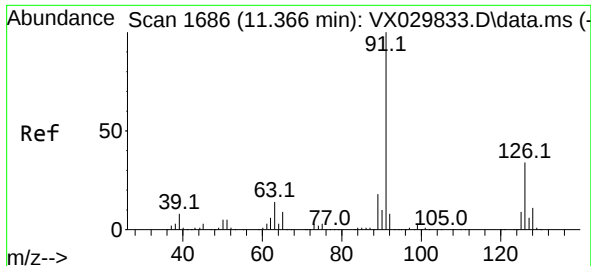
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#78
n-propylbenzene
Concen: 2.419 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

Tgt Ion: 91 Resp: 23459
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 2.629 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030074.D

Acq: 14 Jul 2022 20:28

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 91 Resp: 1527

Ion Ratio Lower Upper

91 100

126 34.1 17.4 52.3

Manual Integrations

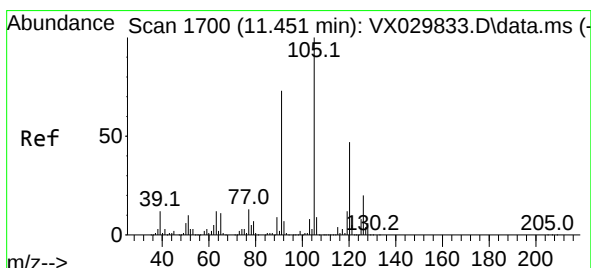
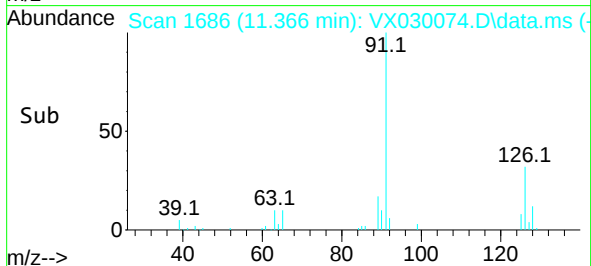
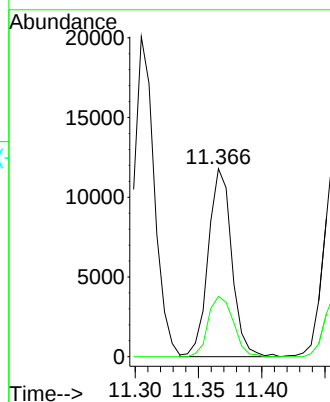
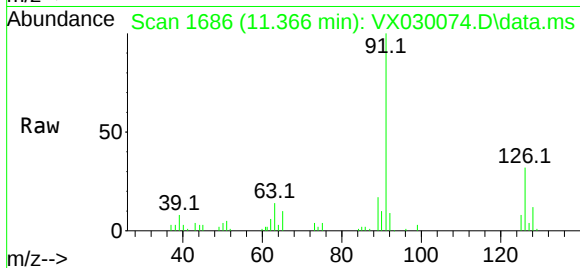
APPROVED

Reviewed By :John
Carlone

07/15/2022

Supervised By :Mahesh
Dadoda

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#80

1,3,5-Trimethylbenzene

Concen: 2.465 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX030074.D

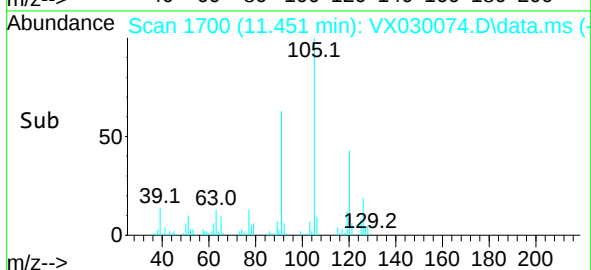
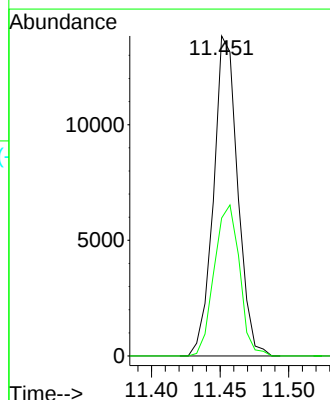
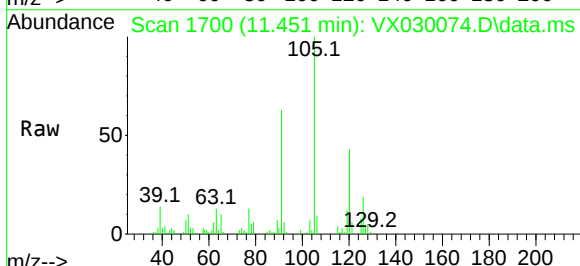
Acq: 14 Jul 2022 20:28

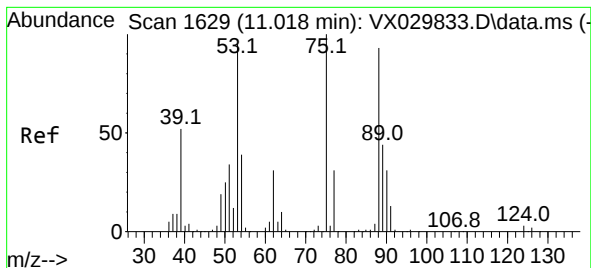
Tgt Ion:105 Resp: 16979

Ion Ratio Lower Upper

105 100

120 49.4 24.4 73.2





#81
trans-1,4-Dichloro-2-butene
Concen: 1.506 ug/l m
RT: 11.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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

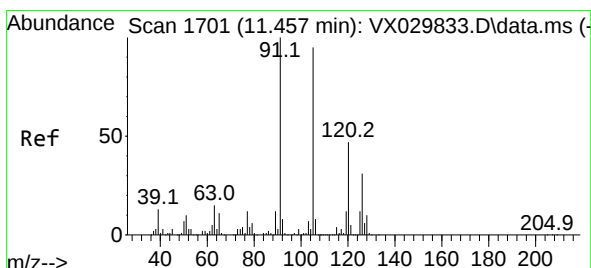
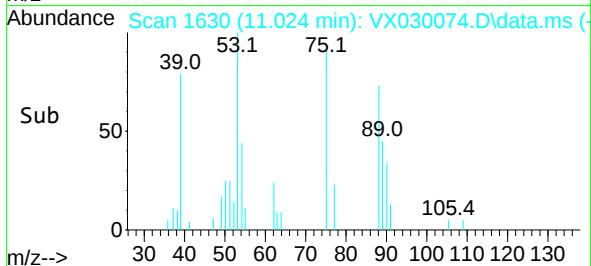
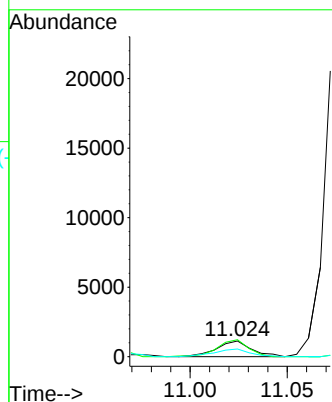
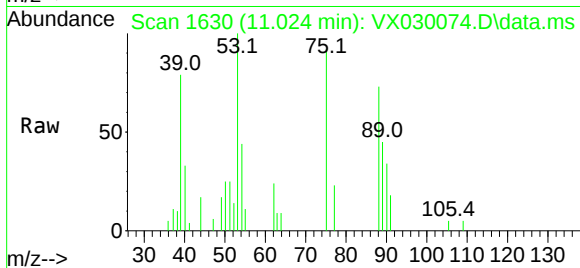
Tgt Ion: 75 Resp: 1409
Ion Ratio Lower Upper
75 100
53 5.8 74.2 111.4
89 2.8 34.8 52.2

Manual Integrations
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Reviewed By :John
Carlone

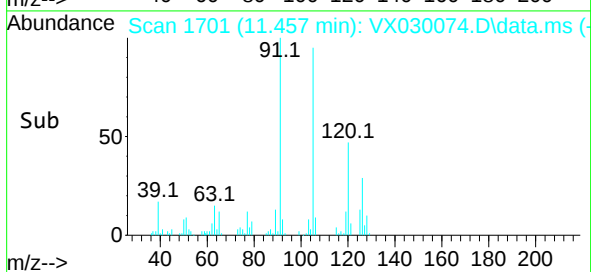
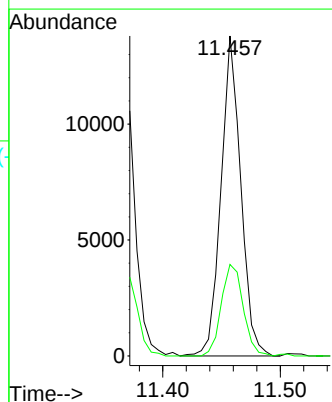
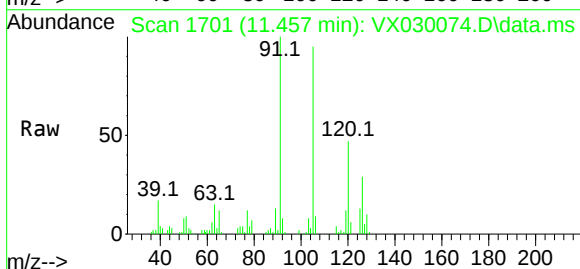
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Supervised By :Mahesh
Dadoda

07/15/2022



#82
4-Chlorotoluene
Concen: 2.484 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

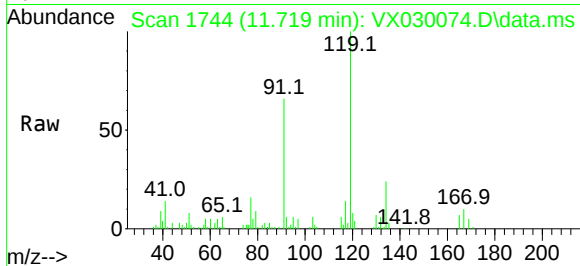
Tgt Ion: 91 Resp: 16166
Ion Ratio Lower Upper
91 100
126 31.5 15.3 45.9





#83
tert-Butylbenzene
Concen: 2.447 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



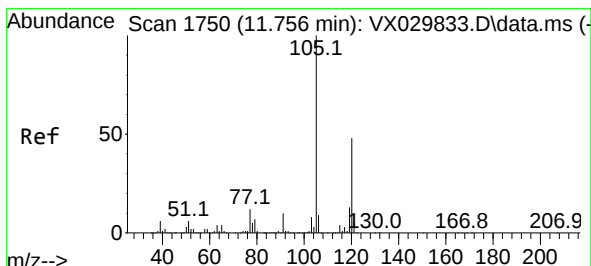
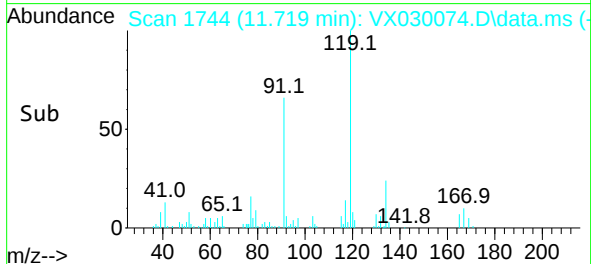
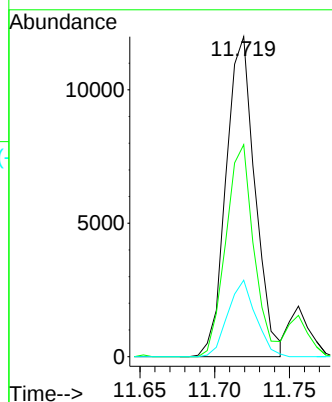
Tgt Ion:119 Resp: 16168
Ion Ratio Lower Upper
119 100
91 64.7 28.3 84.9
134 22.9 11.2 33.5

Manual Integrations
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Reviewed By :John
Carlone

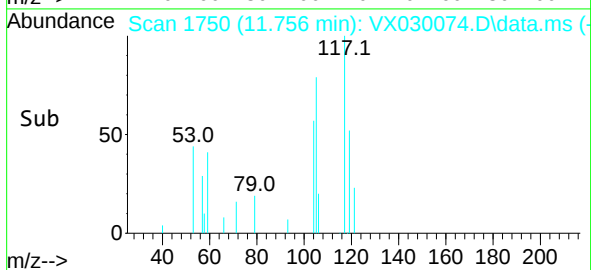
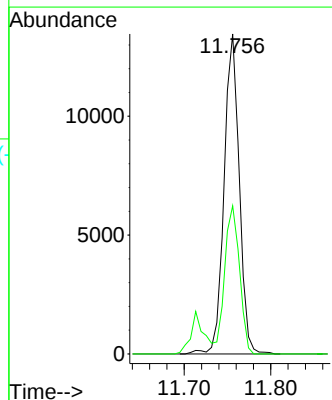
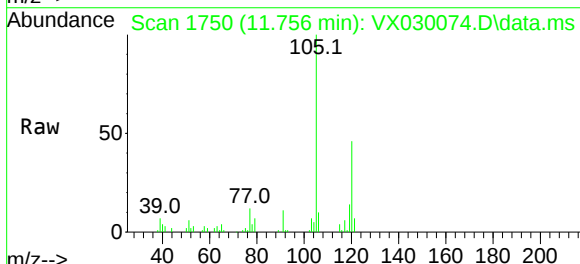
07/15/2022
Supervised By :Mahesh
Dadoda

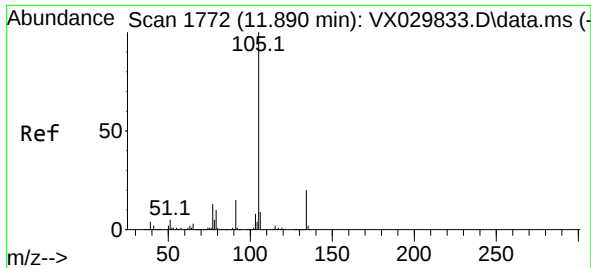
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#84
1,2,4-Trimethylbenzene
Concen: 2.404 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

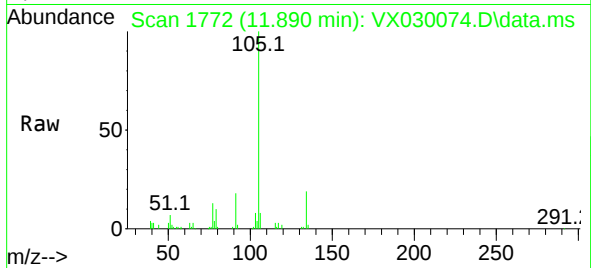
Tgt Ion:105 Resp: 16378
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.8





#85
 sec-Butylbenzene
 Concen: 2.277 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX030074.D
 Acq: 14 Jul 2022 20:28

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



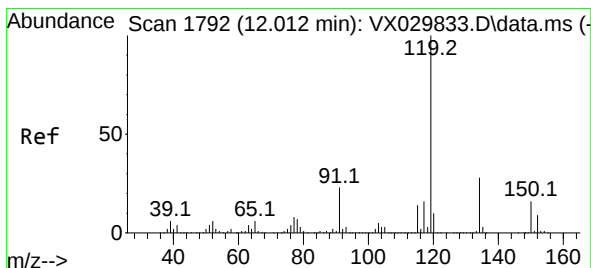
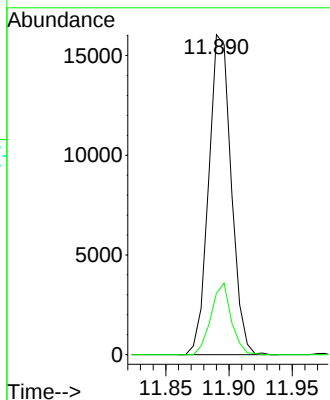
Tgt Ion:105 Resp: 1988
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0

Manual Integrations
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Reviewed By :John
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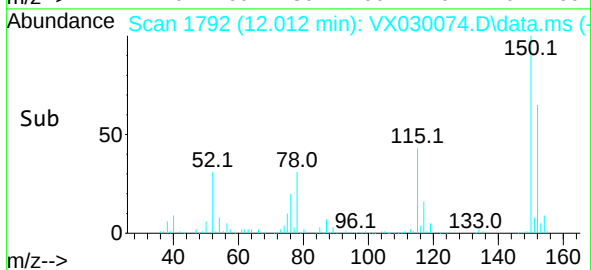
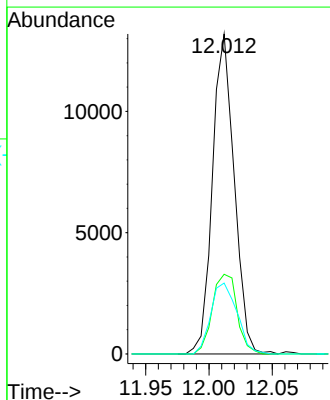
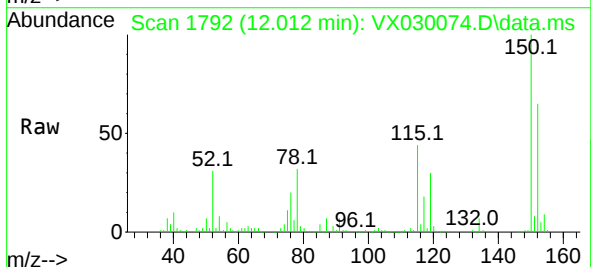
07/15/2022
 Supervised By :Mahesh
 Dadoda

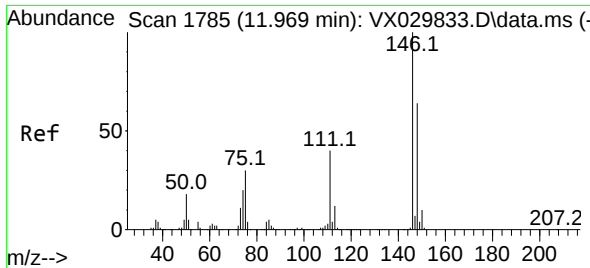
07/15/2022



#86
 p-Isopropyltoluene
 Concen: 2.248 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030074.D
 Acq: 14 Jul 2022 20:28

Tgt Ion:119 Resp: 15754
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.9 41.6
 91 26.7 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 2.518 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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

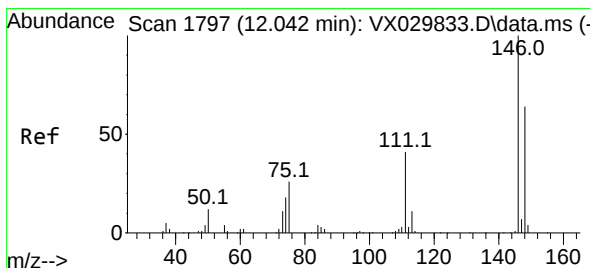
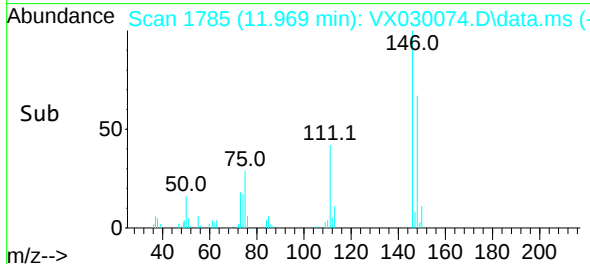
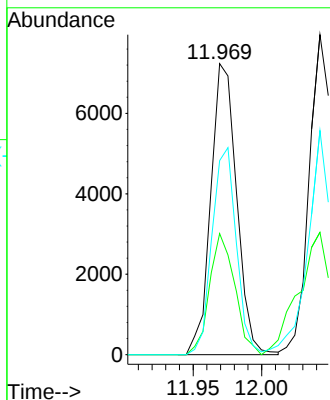
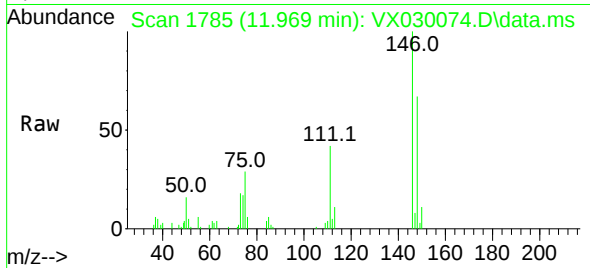
Tgt Ion:146 Resp: 951
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.8
148 66.6 31.8 95.3

Manual Integrations
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Reviewed By :John
Carlone

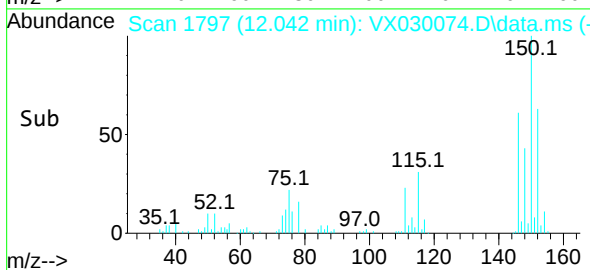
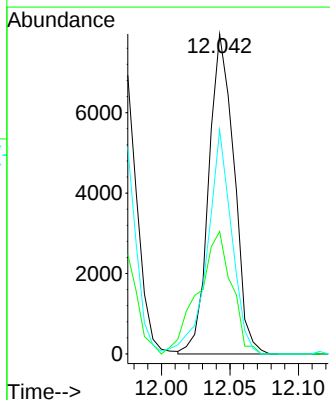
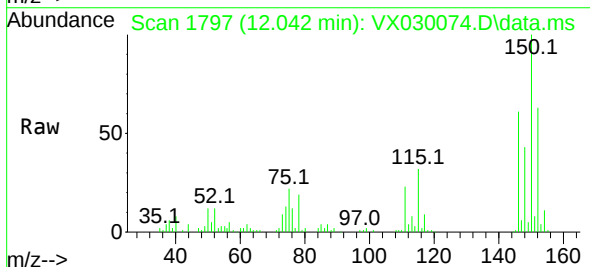
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Supervised By :Mahesh
Dadoda

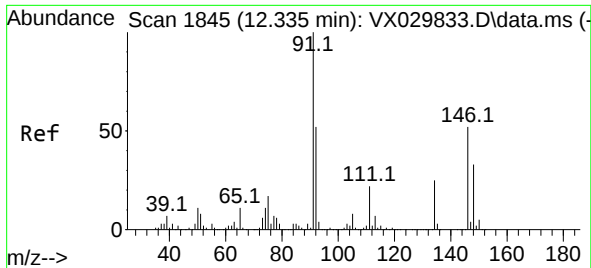
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#88
1,4-Dichlorobenzene
Concen: 2.622 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

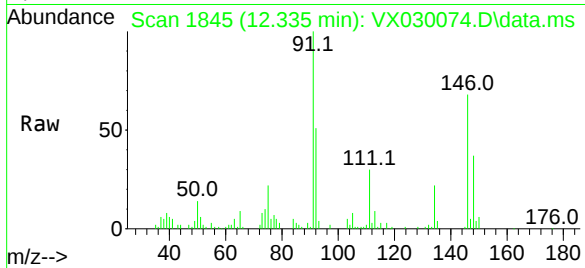
Tgt Ion:146 Resp: 10170
Ion Ratio Lower Upper
146 100
111 50.8 20.3 60.9
148 67.5 32.3 96.8





#89
n-Butylbenzene
Concen: 2.167 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



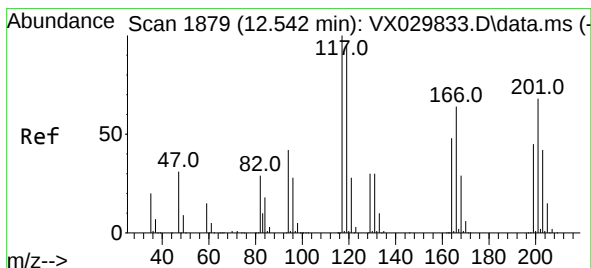
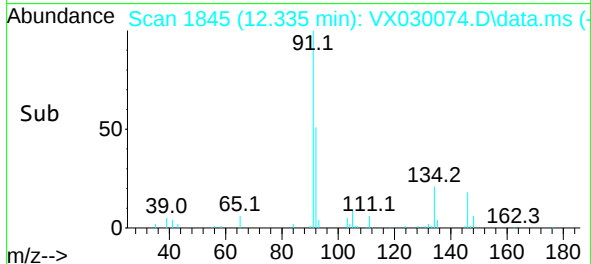
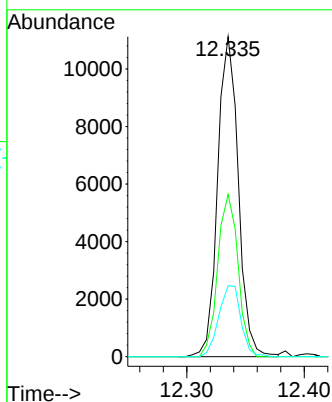
Tgt Ion: 91 Resp: 13604
Ion Ratio Lower Upper
91 100
92 49.7 26.2 78.5
134 23.7 12.6 37.8

Manual Integrations
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Reviewed By :John
Carlone

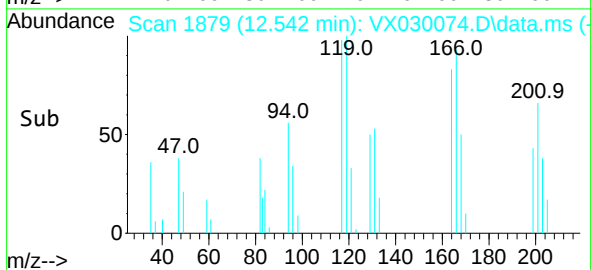
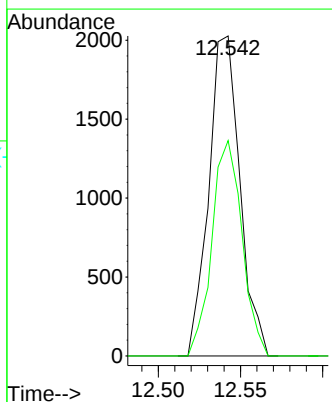
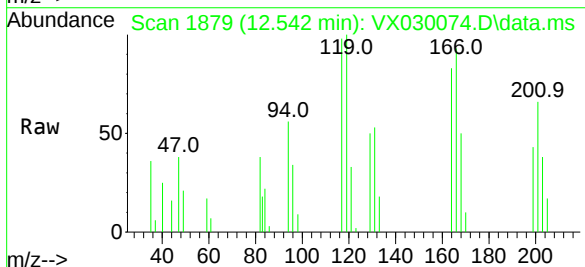
07/15/2022
Supervised By :Mahesh
Dadoda

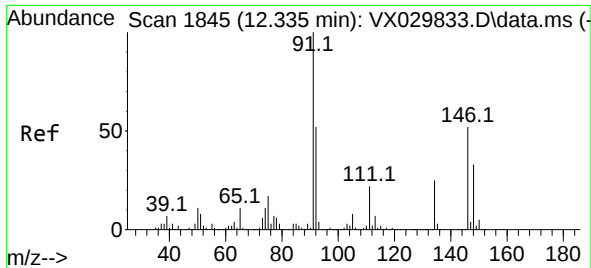
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#90
Hexachloroethane
Concen: 2.228 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

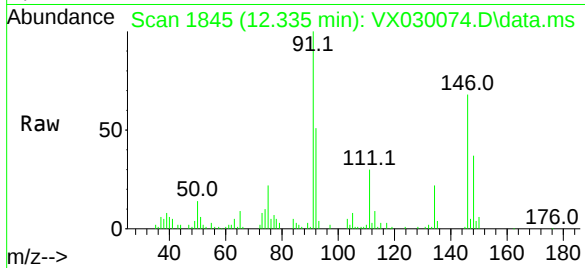
Tgt Ion:117 Resp: 2669
Ion Ratio Lower Upper
117 100
201 65.0 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 2.636 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



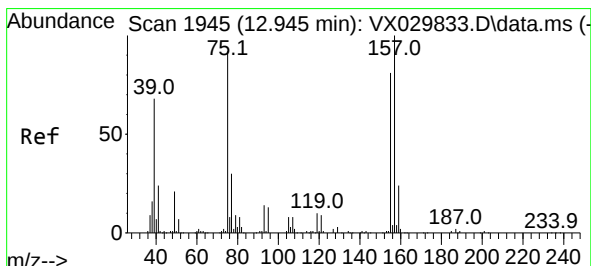
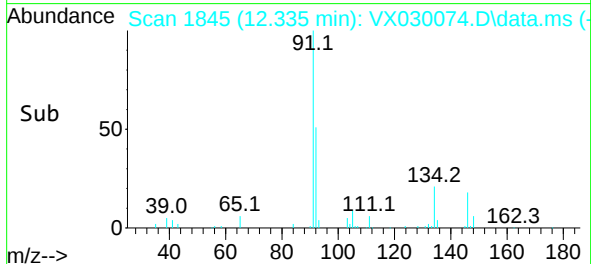
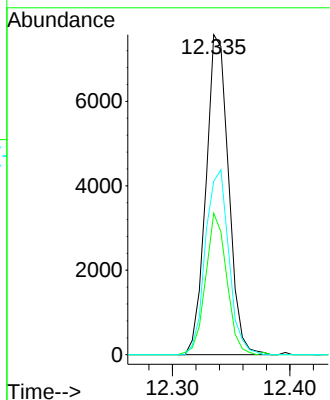
Tgt Ion:146 Resp: 1012
Ion Ratio Lower Upper
146 100
111 41.5 20.7 62.1
148 59.8 32.0 96.2

Manual Integrations
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Reviewed By :John
Carlone

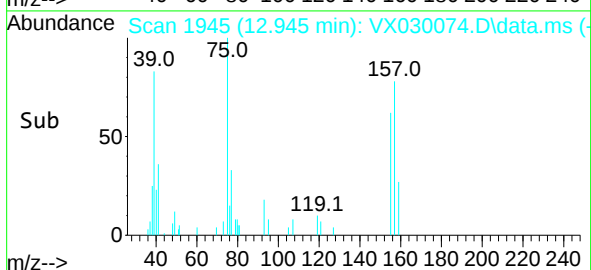
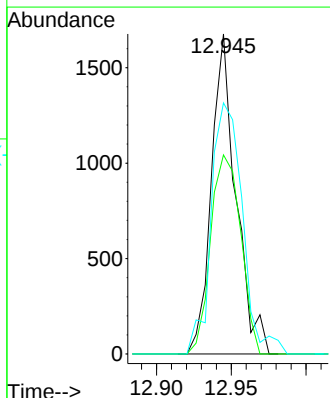
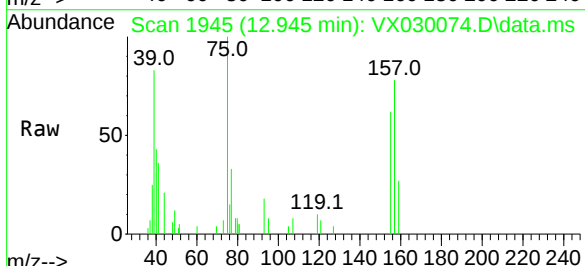
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Supervised By :Mahesh
Dadoda

07/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.837 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

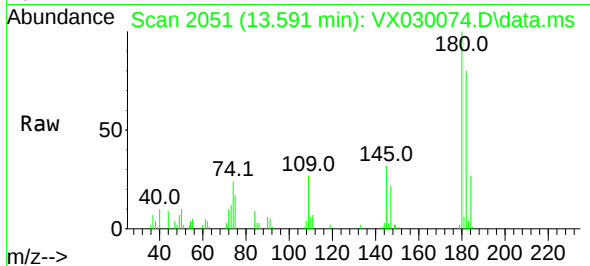
Tgt Ion: 75 Resp: 1911
Ion Ratio Lower Upper
75 100
155 76.2 45.0 134.8
157 99.8 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 2.357 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



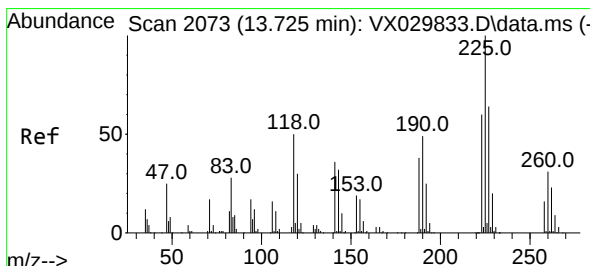
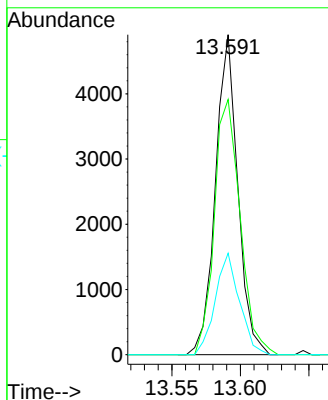
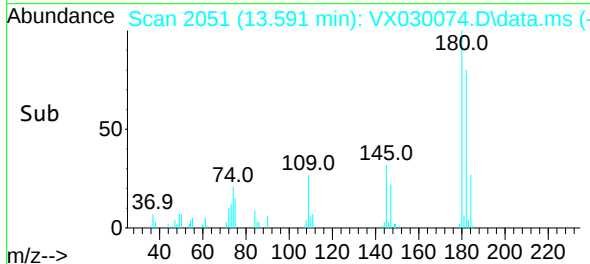
Tgt Ion:180 Resp: 555
Ion Ratio Lower Upper
180 100
182 92.0 48.2 144.6
145 34.4 15.9 47.6

Manual Integrations
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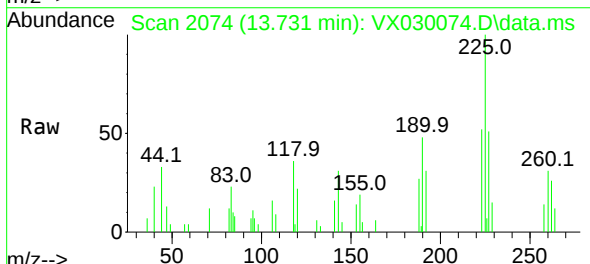
Reviewed By :John
Carlone

07/15/2022
Supervised By :Mahesh
Dadoda

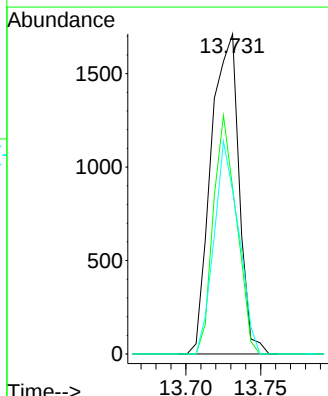
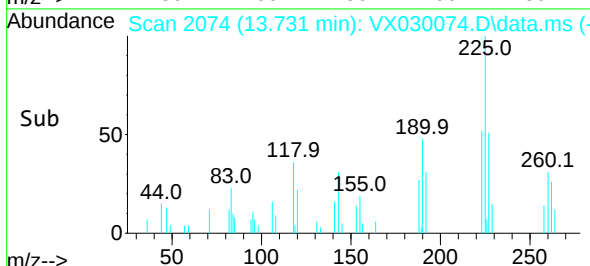
07/15/2022

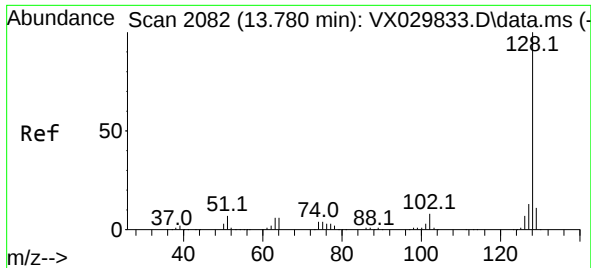


#94
Hexachlorobutadiene
Concen: 2.361 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28



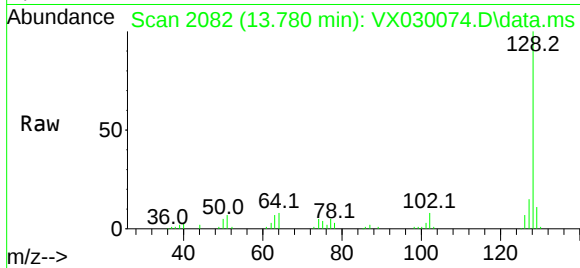
Tgt Ion:225 Resp: 2223
Ion Ratio Lower Upper
225 100
223 61.5 30.6 91.6
227 58.3 31.9 95.9





#95
Naphthalene
Concen: 2.146 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

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



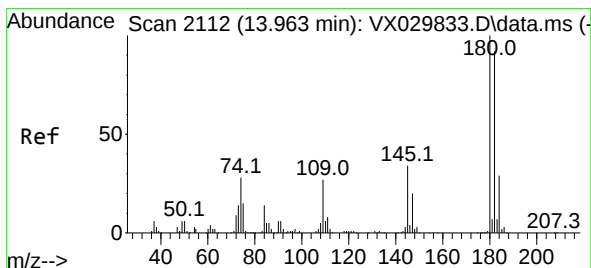
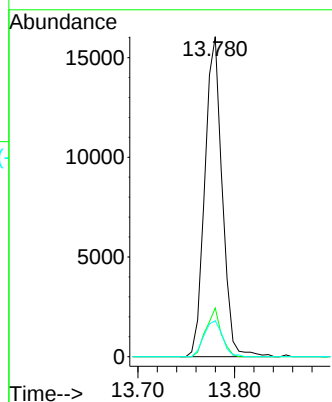
Tgt Ion:128 Resp: 2088
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/15/2022
Supervised By :Mahesh
Dadoda

07/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.337 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030074.D
Acq: 14 Jul 2022 20:28

Tgt Ion:180 Resp: 5609
Ion Ratio Lower Upper
180 100
182 99.4 47.0 141.0
145 33.4 17.0 50.9

