

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030023.D
 Acq On : 12 Jul 2022 16:41
 Operator : JC/MD
 Sample : N3214-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jul 13 09:25:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:24:02 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	207876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	362025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	122029	48.228	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.460%		
35) Dibromofluoromethane	5.391	113	111686	48.291	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	8.653	98	421276	48.433	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.860%		
62) 4-Bromofluorobenzene	11.085	95	147256	48.784	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4631	2.100	ug/l	98
3) Chloromethane	1.288	50	4495	2.075	ug/l	97
4) Vinyl Chloride	1.374	62	4817	2.002	ug/l	91
5) Bromomethane	1.599	94	2675	2.617	ug/l	89
6) Chloroethane	1.684	64	3289	2.427	ug/l	90
7) Trichlorofluoromethane	1.886	101	7740	2.491	ug/l	94
8) Diethyl Ether	2.136	74	3253	2.531	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	5173	2.439	ug/l	92
10) Methyl Iodide	2.447	142	2447	1.403	ug/l	95
11) Tert butyl alcohol	2.965	59	11003	16.849	ug/l	98
12) 1,1-Dichloroethene	2.318	96	5063	2.391	ug/l	91
13) Acrolein	2.239	56	1934	14.870	ug/l	99
14) Allyl chloride	2.666	41	9044	2.444	ug/l	97
15) Acrylonitrile	3.068	53	20208	13.616	ug/l	99
16) Acetone	2.386	43	16254	13.633	ug/l	98
17) Carbon Disulfide	2.507	76	9533	1.789	ug/l	98
18) Methyl Acetate	2.709	43	10311	2.843	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	16832	2.514	ug/l	95
20) Methylene Chloride	2.794	84	7279	2.639	ug/l #	83
21) trans-1,2-Dichloroethene	3.093	96	5335	2.417	ug/l	87
22) Diisopropyl ether	3.776	45	19255	2.658	ug/l #	79
23) Vinyl Acetate	3.733	43	74400	12.131	ug/l	99
24) 1,1-Dichloroethane	3.611	63	10058	2.505	ug/l	94
25) 2-Butanone	4.574	43	27617	13.598	ug/l	97
26) 2,2-Dichloropropane	4.483	77	6735	2.388	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	6767	2.503	ug/l	99
28) Bromochloromethane	4.909	49	3871	2.292	ug/l #	80
29) Tetrahydrofuran	5.019	42	18339	13.306	ug/l	97
30) Chloroform	5.105	83	10224	2.556	ug/l	97
31) Cyclohexane	5.470	56	8610	2.347	ug/l	92
32) 1,1,1-Trichloroethane	5.391	97	8509	2.602	ug/l	100
36) 1,1-Dichloropropene	5.696	75	7720	2.584	ug/l	96
37) Ethyl Acetate	4.739	43	9985	2.601	ug/l #	77
38) Carbon Tetrachloride	5.678	117	7289	2.616	ug/l	97
39) Methylcyclohexane	7.385	83	8917	2.355	ug/l	89
40) Benzene	6.043	78	23191	2.466	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	5551	2.686	ug/l #	75
42) 1,2-Dichloroethane	6.092	62	7503	2.575	ug/l	91
43) Isopropyl Acetate	6.348	43	14586	2.527	ug/l	98
44) Trichloroethene	7.135	130	6836	2.488	ug/l	87
45) 1,2-Dichloropropane	7.433	63	6484	2.653	ug/l #	87
46) Dibromomethane	7.586	93	4499	2.675	ug/l	94
47) Bromodichloromethane	7.824	83	7708	2.525	ug/l #	94
48) Methyl methacrylate	7.702	41	6671	2.505	ug/l	97
49) 1,4-Dioxane	7.671	88	4143	59.873	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	51573	13.502	ug/l	99
52) Toluene	8.720	92	15200	2.546	ug/l	94
53) t-1,3-Dichloropropene	8.988	75	7838	2.472	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	8635	2.377	ug/l #	93
55) 1,1,2-Trichloroethane	9.153	97	6850	2.782	ug/l #	80
56) Ethyl methacrylate	9.122	69	9000	2.431	ug/l	93
57) 1,3-Dichloropropane	9.311	76	10042	2.567	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.250	63	22575	11.231	ug/l	92
59) 2-Hexanone	9.433	43	39746	13.569	ug/l	98
60) Dibromochloromethane	9.525	129	6037	2.517	ug/l	98
61) 1,2-Dibromoethane	9.616	107	6386	2.492	ug/l	96
64) Tetrachloroethene	9.281	164	6468	2.530	ug/l	95
65) Chlorobenzene	10.079	112	16808	2.650	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	5537	2.561	ug/l	97
67) Ethyl Benzene	10.195	91	27984	2.604	ug/l	99
68) m/p-Xylenes	10.305	106	21273	5.046	ug/l	99
69) o-Xylene	10.646	106	10777	2.553	ug/l	97
70) Styrene	10.658	104	17365	2.479	ug/l	98
71) Bromoform	10.799	173	4117	2.370	ug/l #	94
73) Isopropylbenzene	10.969	105	27016	2.681	ug/l	97
74) N-amyl acetate	10.847	43	11222	2.536	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	10543	2.900	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	9574m	2.878	ug/l	
77) Bromobenzene	11.201	156	6650	2.638	ug/l	95
78) n-propylbenzene	11.305	91	30327	2.537	ug/l	99
79) 2-Chlorotoluene	11.366	91	19724	2.755	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	21839	2.572	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	2458	2.132	ug/l	92
82) 4-Chlorotoluene	11.457	91	20968	2.614	ug/l	95
83) tert-Butylbenzene	11.719	119	21905	2.690	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	22269	2.652	ug/l	97
85) sec-Butylbenzene	11.896	105	27256	2.532	ug/l	100
86) p-Isopropyltoluene	12.012	119	21056	2.438	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	12277	2.636	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	13359	2.795	ug/l	92
89) n-Butylbenzene	12.335	91	18825	2.433	ug/l	99
90) Hexachloroethane	12.536	117	3808	2.580	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	13076	2.763	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2291	2.760	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	7596	2.613	ug/l	97
94) Hexachlorobutadiene	13.725	225	2929	2.524	ug/l	94
95) Naphthalene	13.780	128	29119	2.524	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7955	2.690	ug/l	98

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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

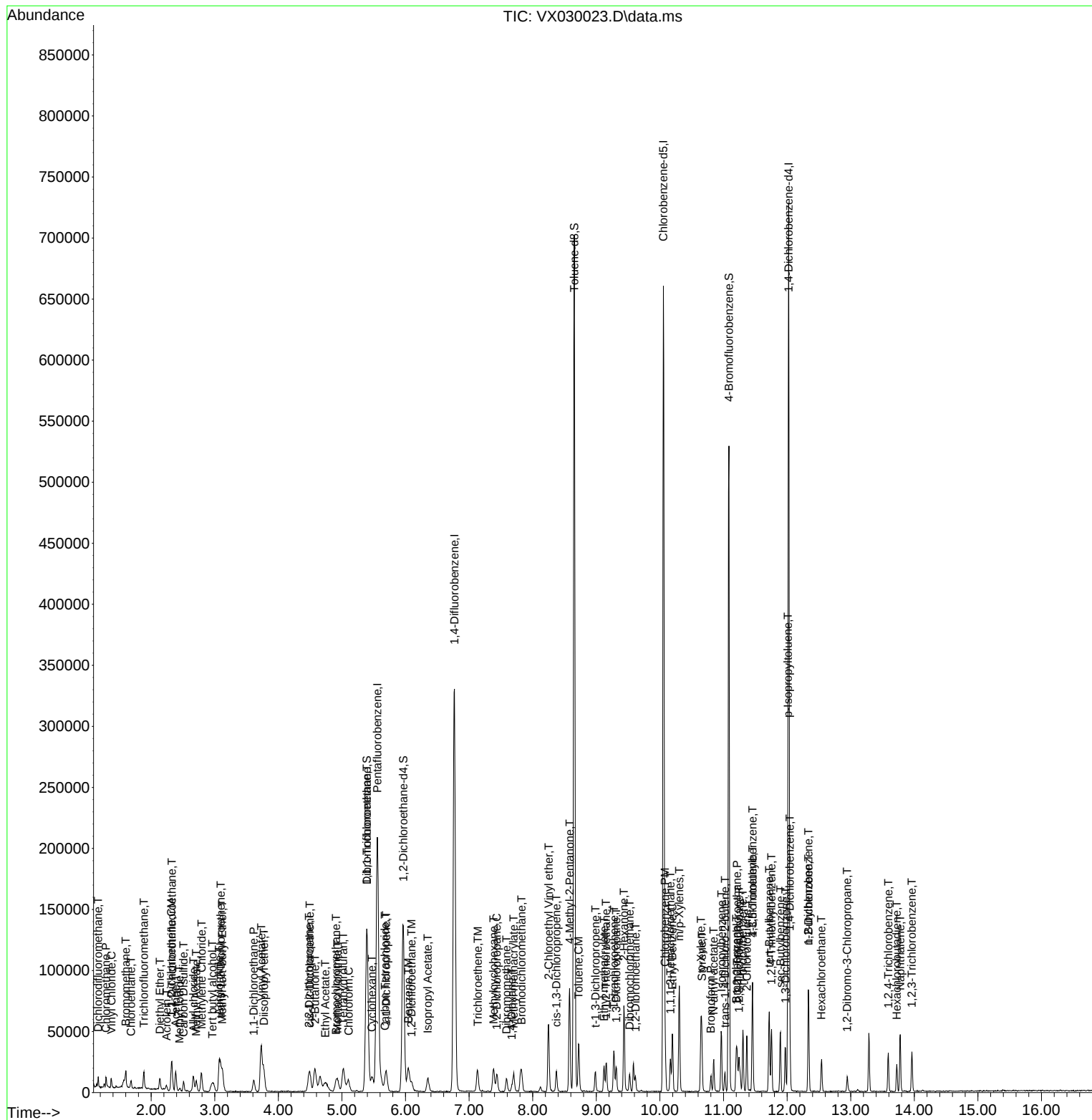
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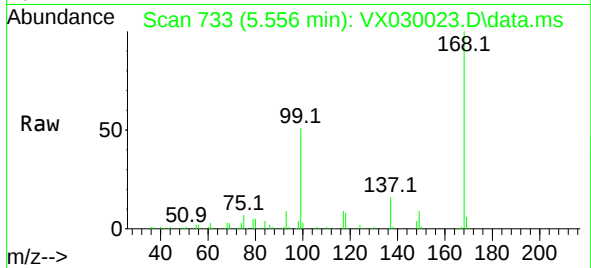
Reviewed By :John Carlone 07/13/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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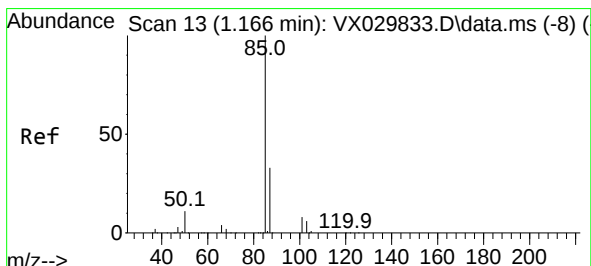
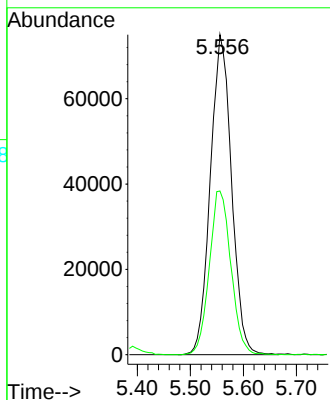
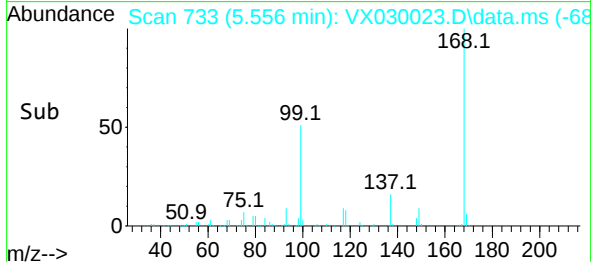
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:168 Resp: 207870
Ion Ratio Lower Upper
168 100
99 51.2 44.0 66.0

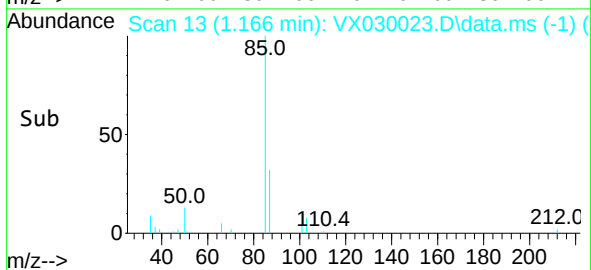
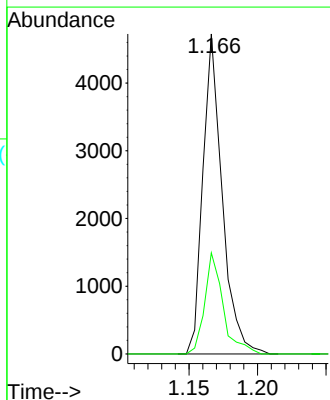
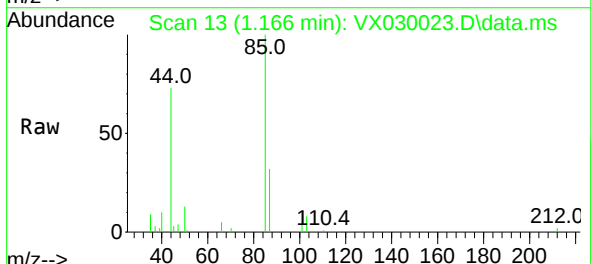
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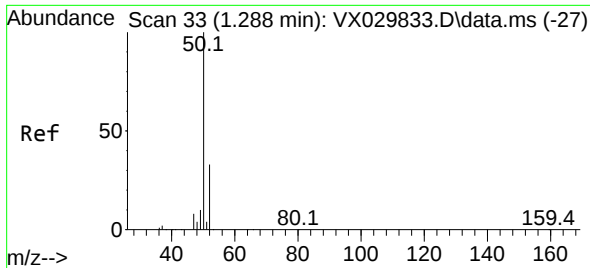
Reviewed By :John Carlone 07/13/2022
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#2
Dichlorodifluoromethane
Concen: 2.100 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

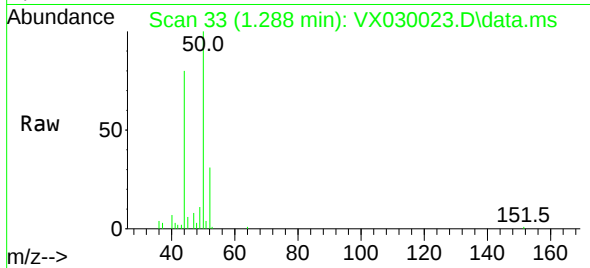
Tgt Ion: 85 Resp: 4631
Ion Ratio Lower Upper
85 100
87 31.6 16.5 49.5





#3
Chloromethane
Concen: 2.075 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

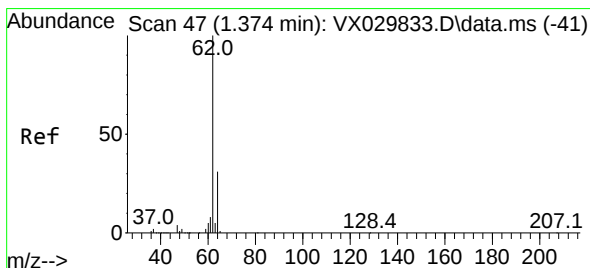
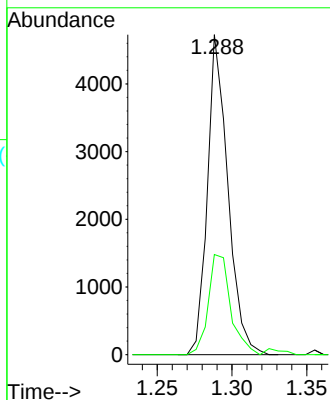
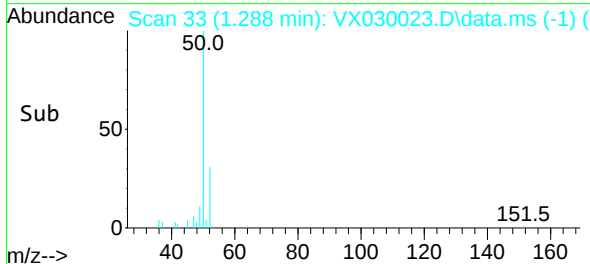
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 50 Resp: 4495
Ion Ratio Lower Upper
50 100
52 31.3 26.3 39.5

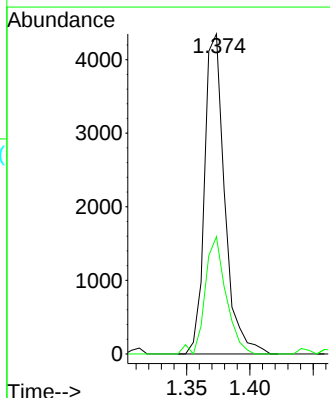
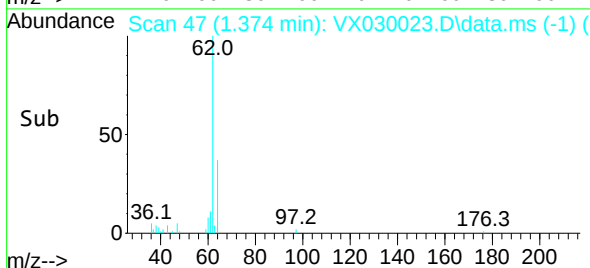
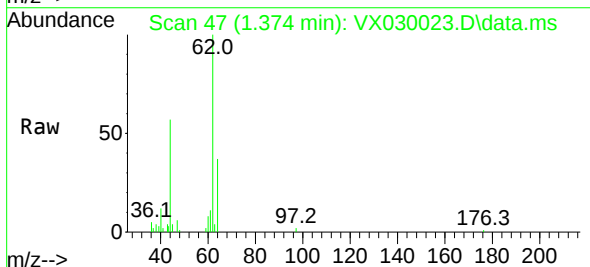
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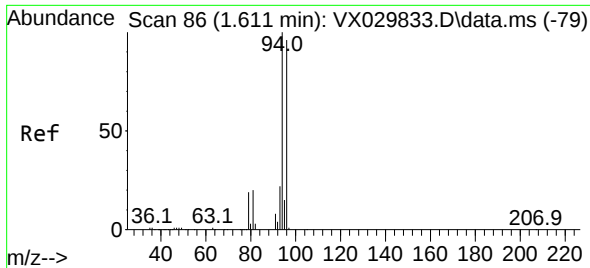
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#4
Vinyl Chloride
Concen: 2.002 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

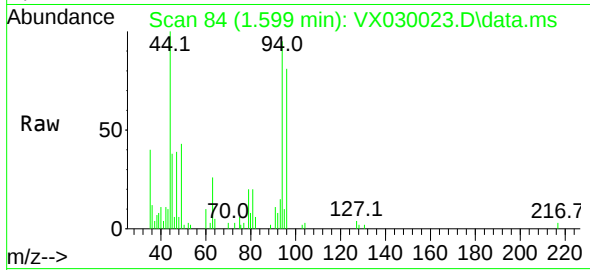
Tgt Ion: 62 Resp: 4817
Ion Ratio Lower Upper
62 100
64 36.7 25.2 37.8





#5
Bromomethane
Concen: 2.617 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.012 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

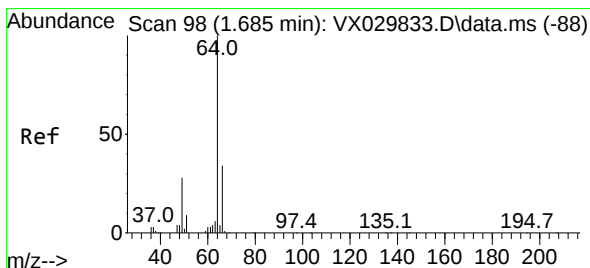
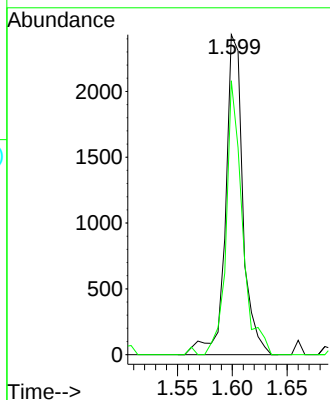
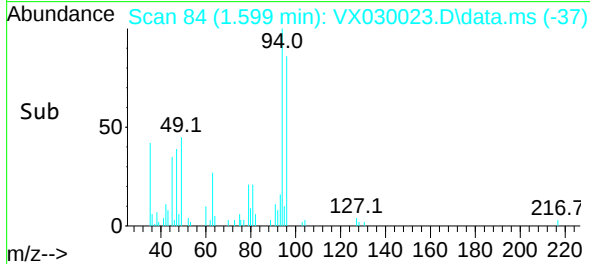
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Tgt Ion: 94 Resp: 2679
Ion Ratio Lower Upper
94 100
96 85.6 76.9 115.3

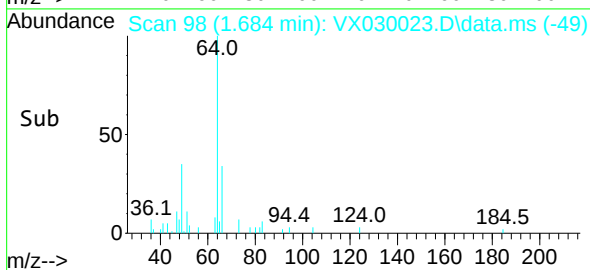
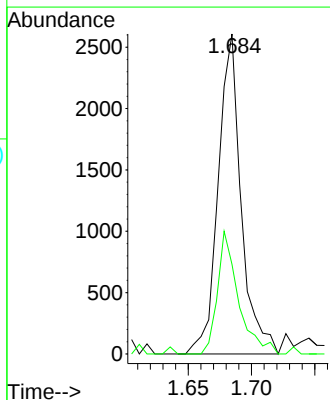
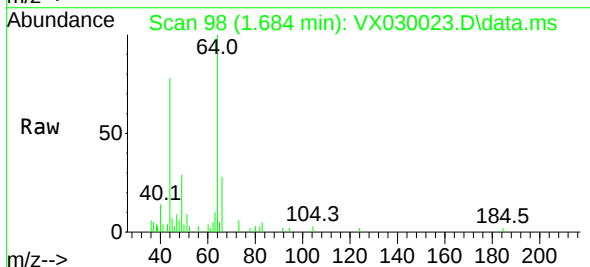
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#6
Chloroethane
Concen: 2.427 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

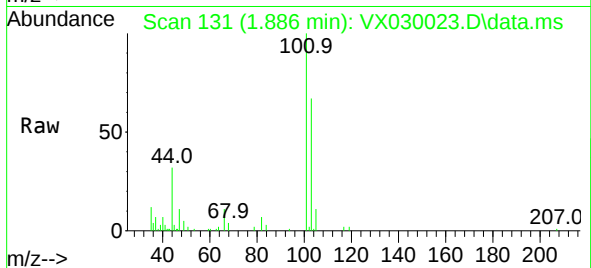
Tgt Ion: 64 Resp: 3289
Ion Ratio Lower Upper
64 100
66 28.1 27.2 40.8





#7
 Trichlorofluoromethane
 Concen: 2.491 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX030023.D
 Acq: 12 Jul 2022 16:41

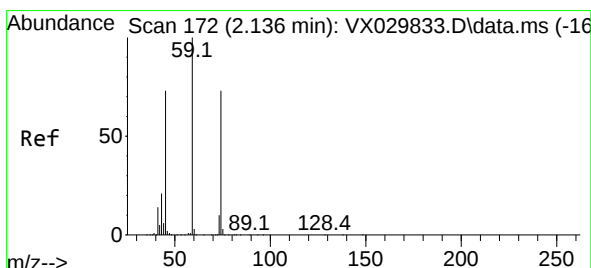
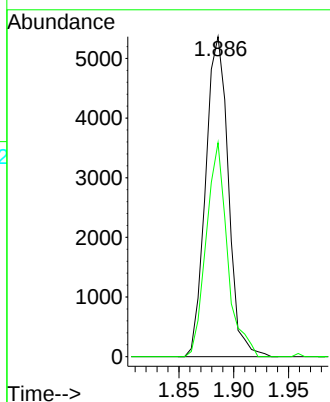
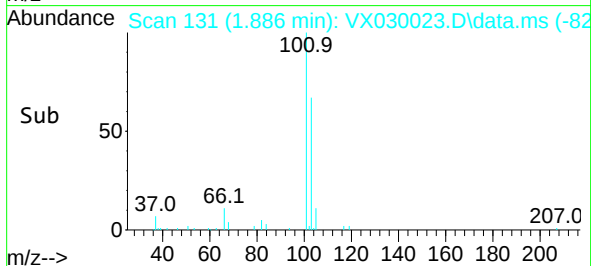
Instrument : MSVOA_X
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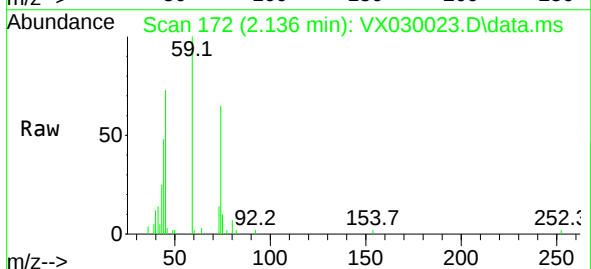
Tgt Ion:101 Resp: 7740
 Ion Ratio Lower Upper
 101 100
 103 66.9 49.7 74.5

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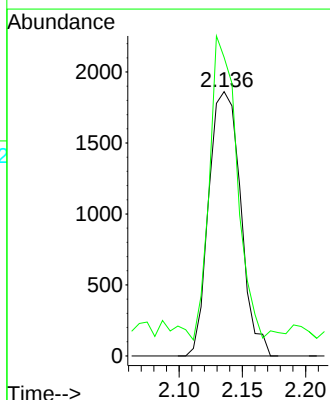
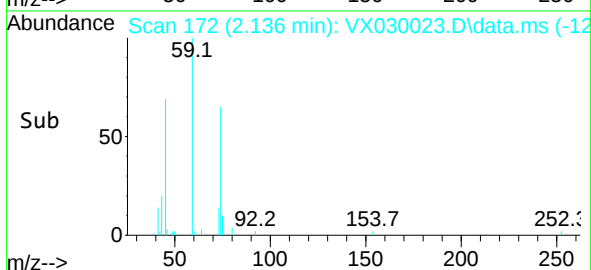
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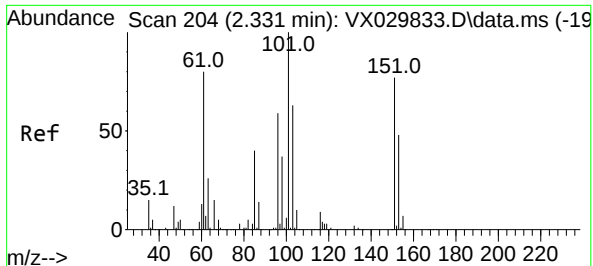


#8
 Diethyl Ether
 Concen: 2.531 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 3253
 Ion Ratio Lower Upper
 74 100
 45 100.8 51.5 154.7





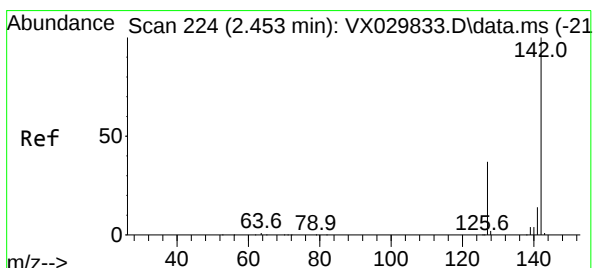
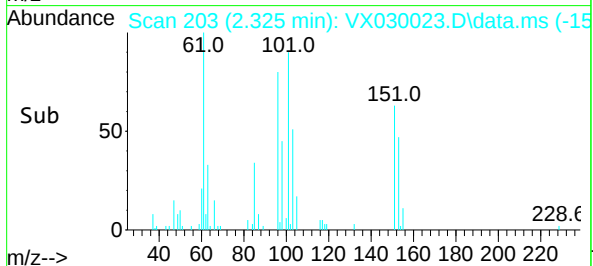
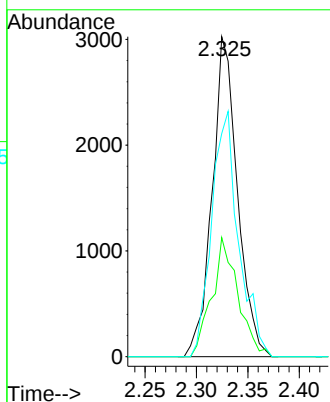
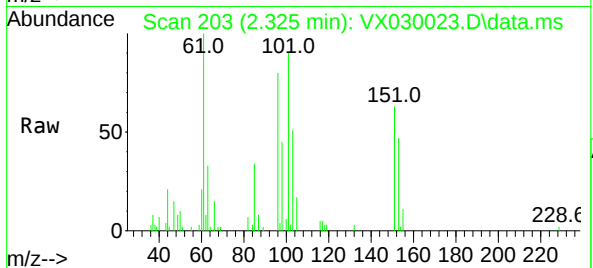
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.439 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:101 Resp: 517
Ion Ratio Lower Upper
101 100
85 38.6 34.0 51.0
151 81.7 59.4 89.0

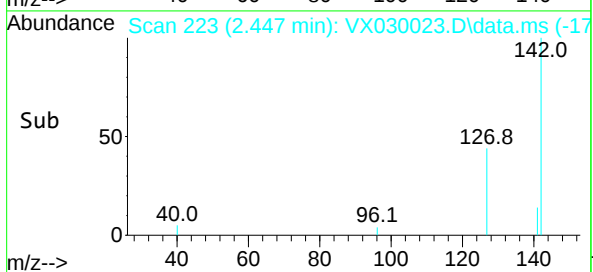
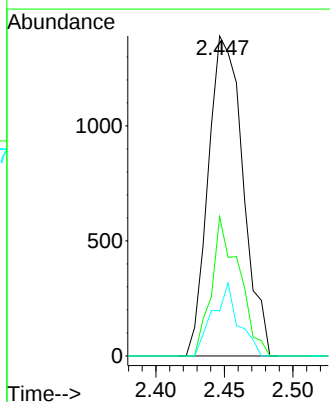
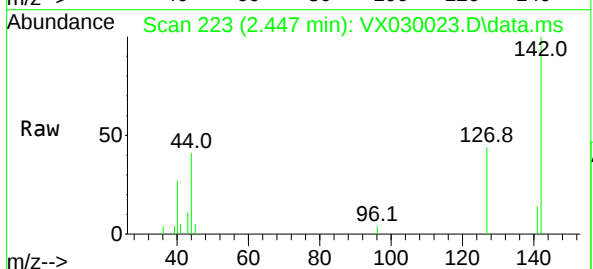
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#10
Methyl Iodide
Concen: 1.403 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Tgt Ion:142 Resp: 2447
Ion Ratio Lower Upper
142 100
127 34.7 30.2 45.2
141 16.8 11.3 16.9





#11

Tert butyl alcohol

Concen: 16.849 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.030 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 59 Resp: 1100

Ion Ratio Lower Upper

59 100

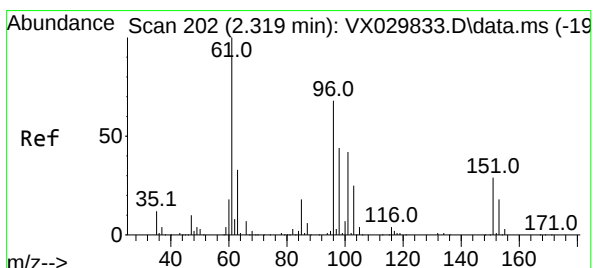
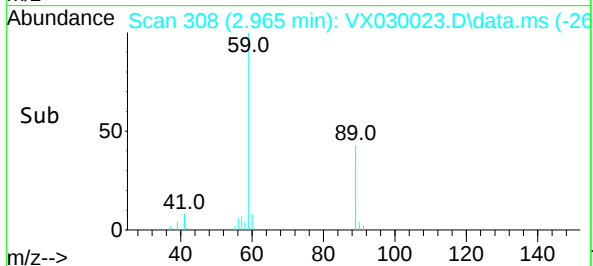
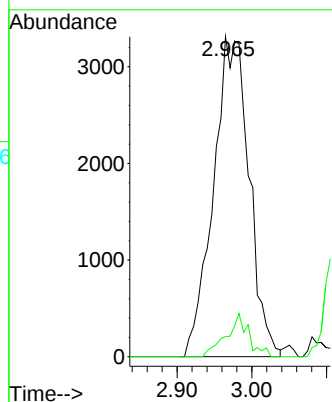
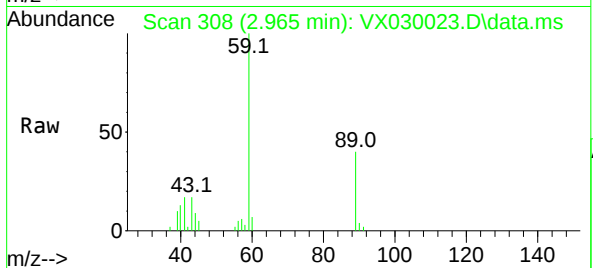
57 8.5 7.4 11.2

Manual Integrations

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Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#12

1,1-Dichloroethene

Concen: 2.391 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.001 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

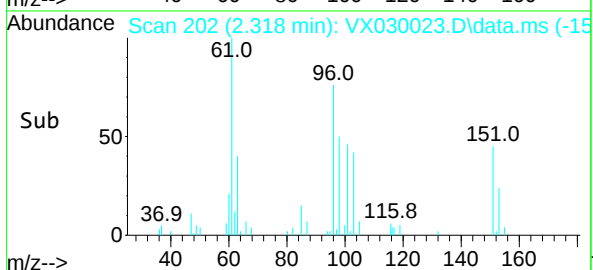
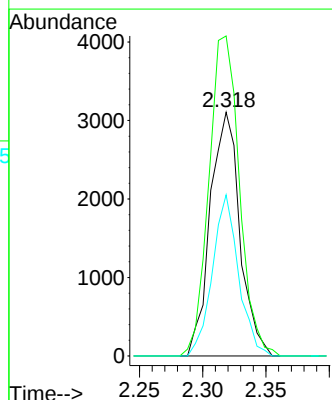
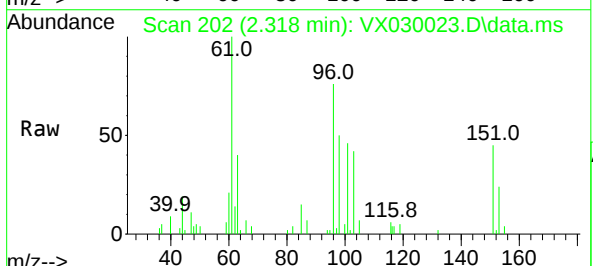
Tgt Ion: 96 Resp: 5063

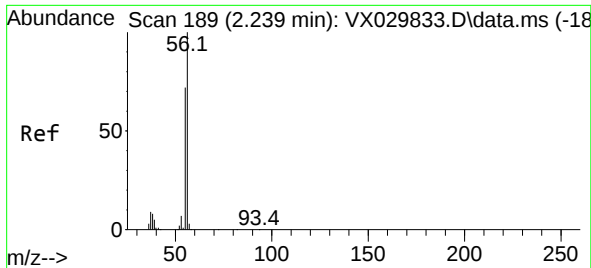
Ion Ratio Lower Upper

96 100

61 131.3 117.4 176.0

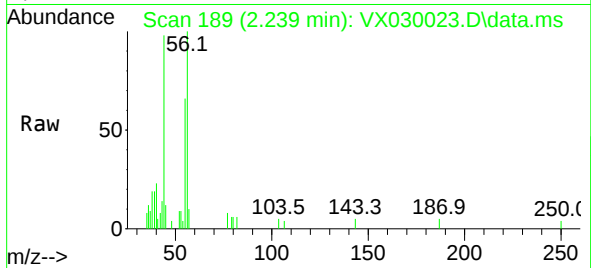
98 66.2 52.2 78.4





#13
Acrolein
Concen: 14.870 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

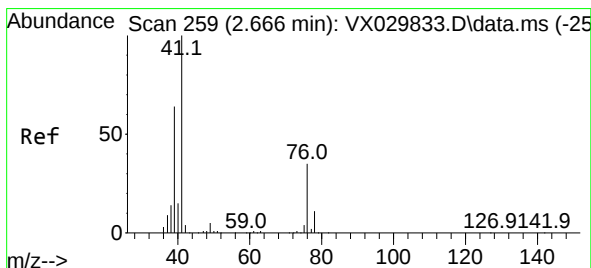
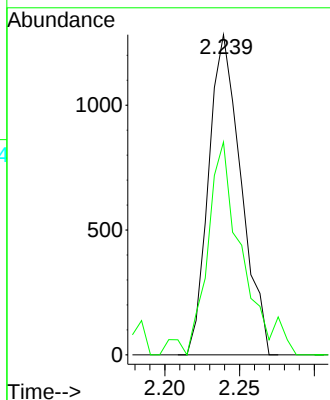
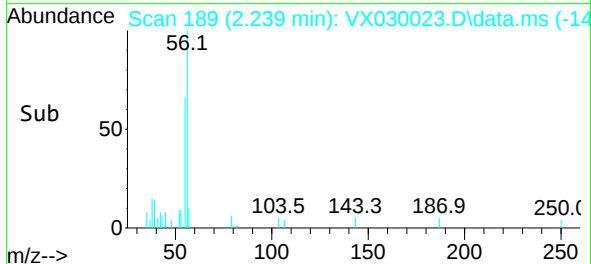
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



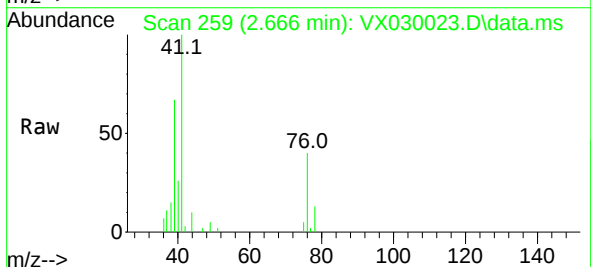
Tgt Ion: 56 Resp: 1934
Ion Ratio Lower Upper
56 100
55 71.6 56.6 84.8

Manual Integrations
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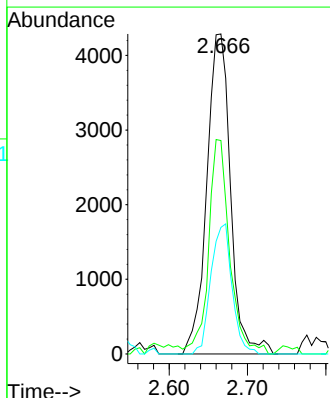
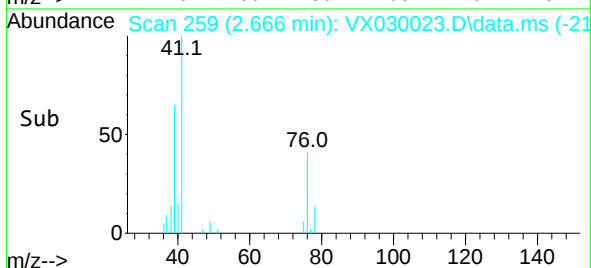
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#14
Allyl chloride
Concen: 2.444 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41



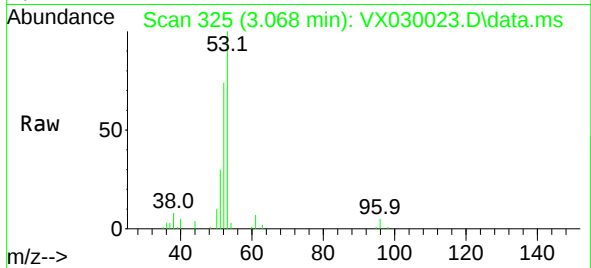
Tgt Ion: 41 Resp: 9044
Ion Ratio Lower Upper
41 100
39 59.3 48.9 73.3
76 36.2 26.9 40.3





#15
Acrylonitrile
Concen: 13.616 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

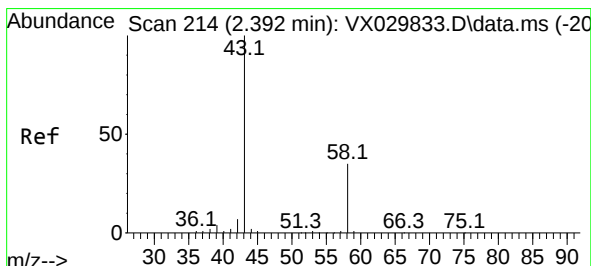
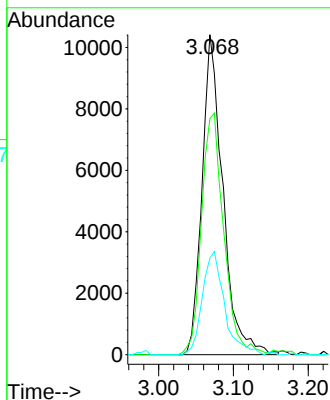
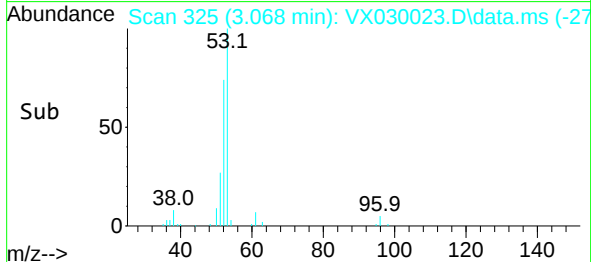
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



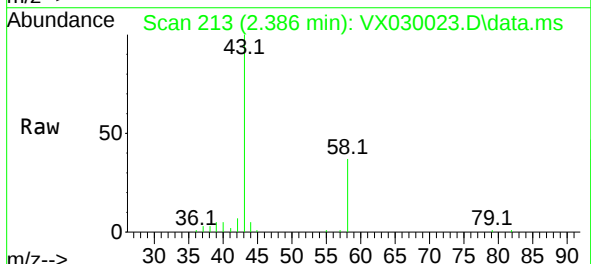
Tgt Ion: 53 Resp: 2020
Ion Ratio Lower Upper
53 100
52 80.6 65.4 98.0
51 34.3 27.7 41.5

Manual Integrations
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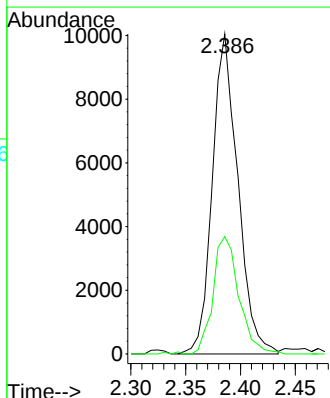
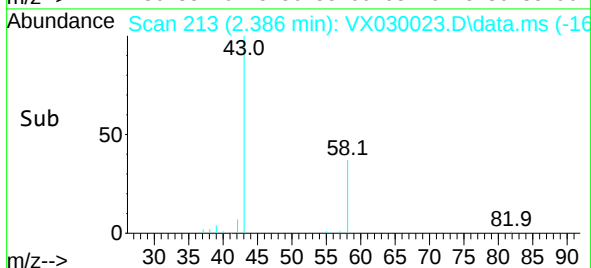
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

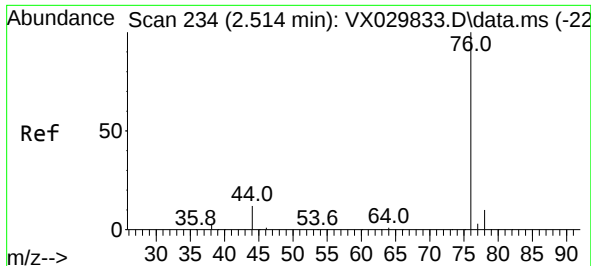


#16
Acetone
Concen: 13.633 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41



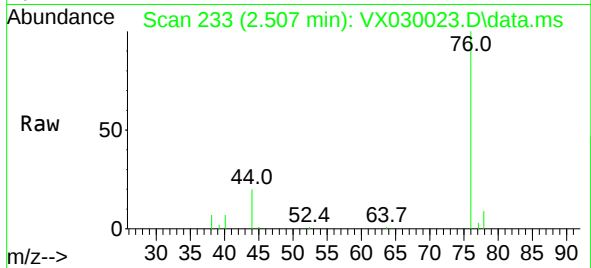
Tgt Ion: 43 Resp: 16254
Ion Ratio Lower Upper
43 100
58 36.0 27.7 41.5





#17
Carbon Disulfide
Concen: 1.789 ug/l
RT: 2.507 min Scan# 21
Delta R.T. -0.007 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

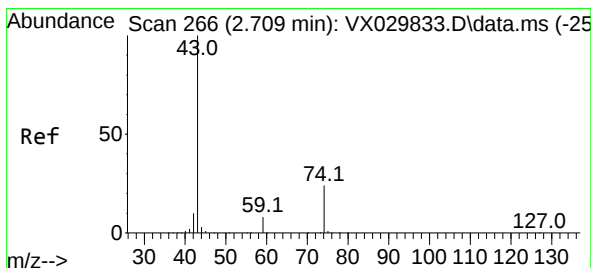
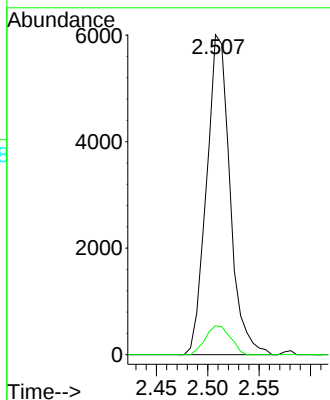
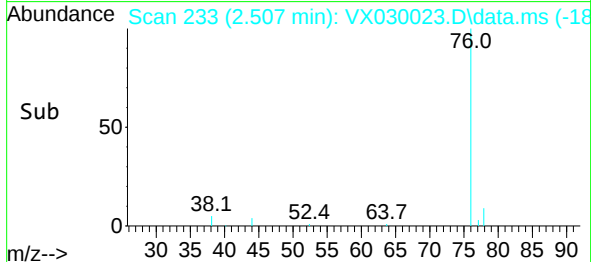
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 76 Resp: 953
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6

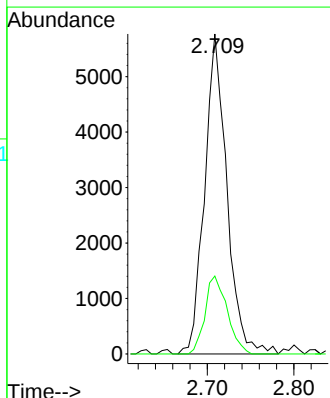
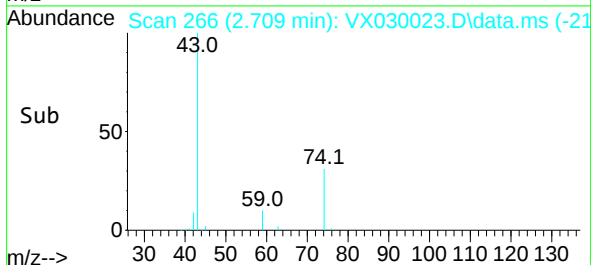
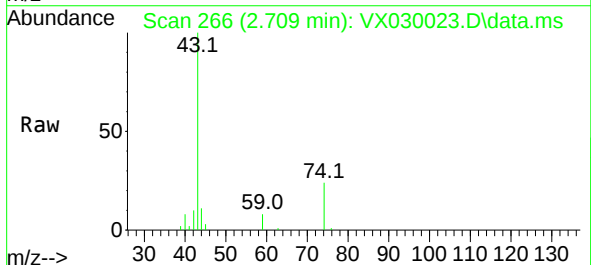
Manual Integrations
APPROVED

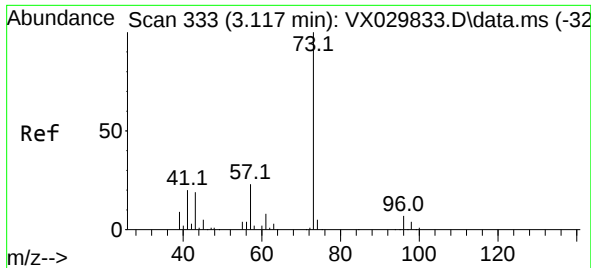
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#18
Methyl Acetate
Concen: 2.843 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

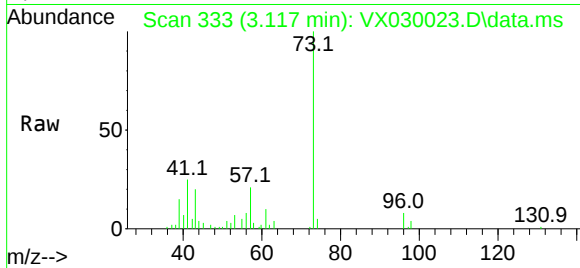
Tgt Ion: 43 Resp: 10311
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 2.514 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

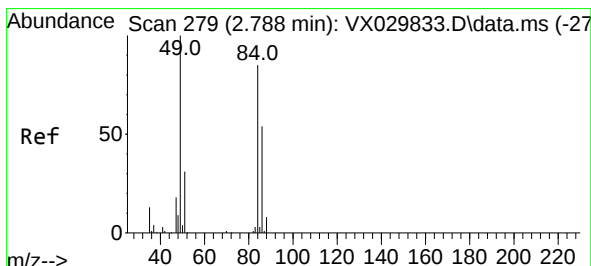
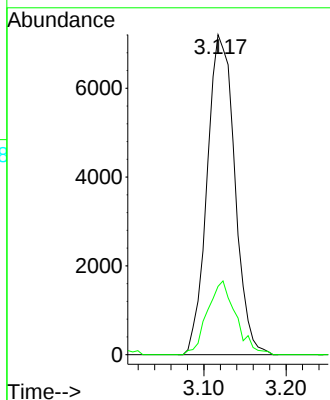
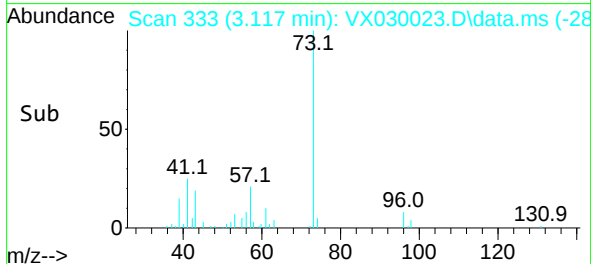
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 73 Resp: 1683
Ion Ratio Lower Upper
73 100
57 21.4 19.0 28.6

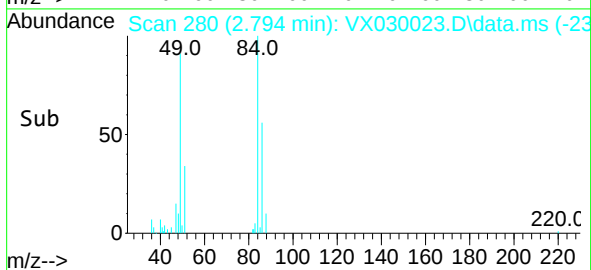
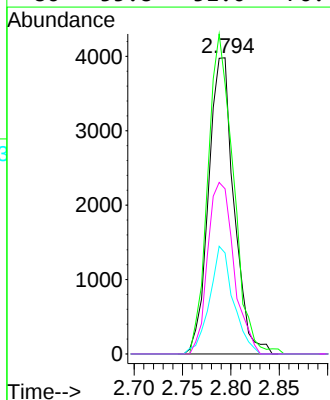
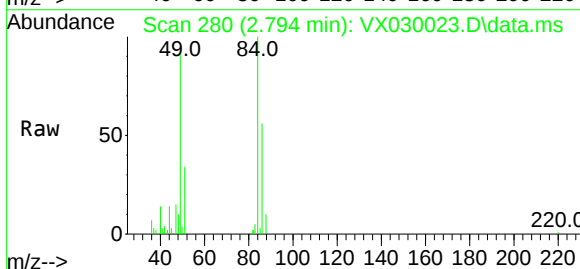
Manual Integrations
APPROVED

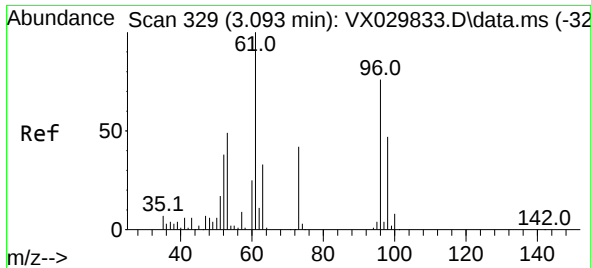
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#20
Methylene Chloride
Concen: 2.639 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

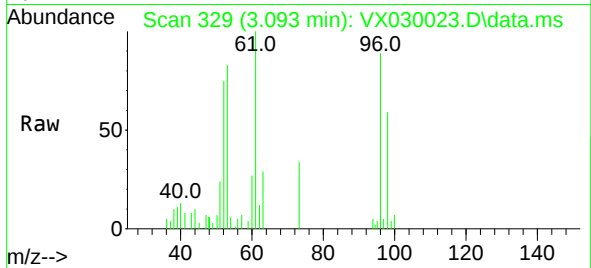
Tgt Ion: 84 Resp: 7279
Ion Ratio Lower Upper
84 100
49 91.1 93.8 140.6#
51 34.1 29.4 44.0
86 55.8 51.0 76.4





#21
trans-1,2-Dichloroethene
Concen: 2.417 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

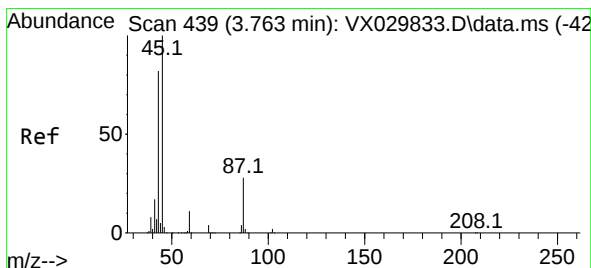
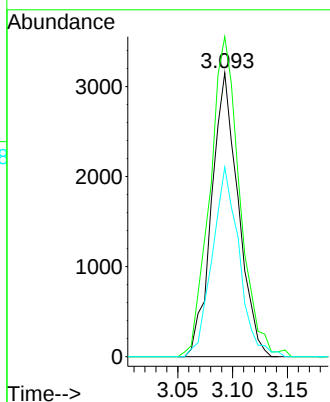
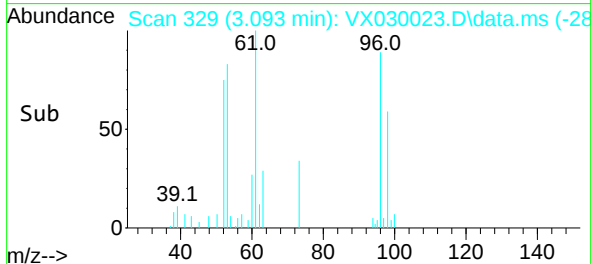
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 96 Resp: 533
Ion Ratio Lower Upper
96 100
61 112.8 105.6 158.4
98 66.7 50.1 75.1

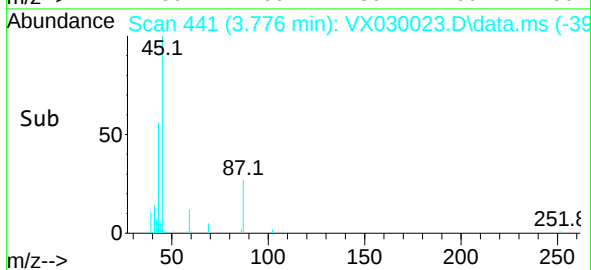
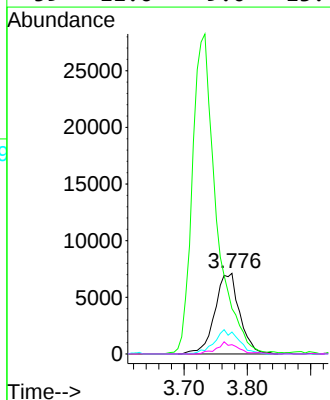
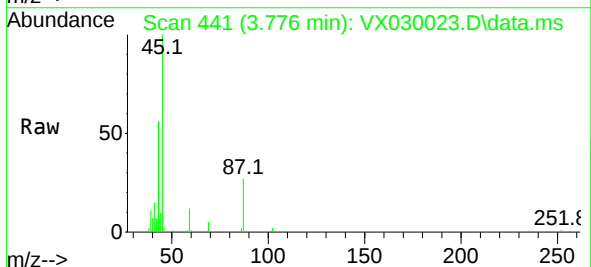
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#22
Diisopropyl ether
Concen: 2.658 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.013 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Tgt Ion: 45 Resp: 19255
Ion Ratio Lower Upper
45 100
43 54.4 65.4 98.0#
87 27.1 22.3 33.5
59 11.6 9.0 13.4





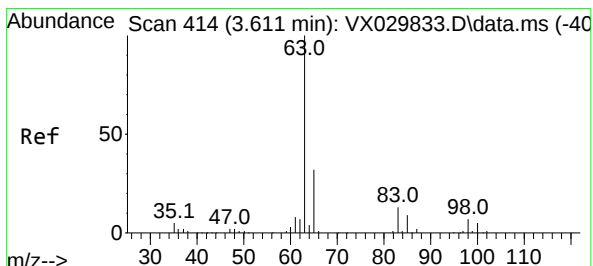
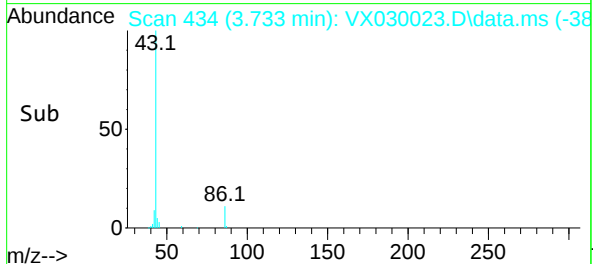
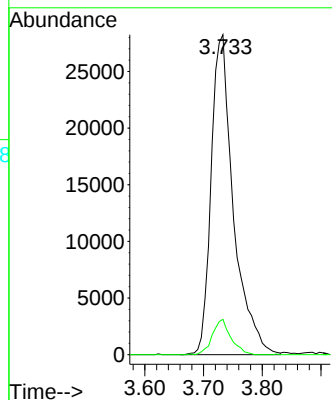
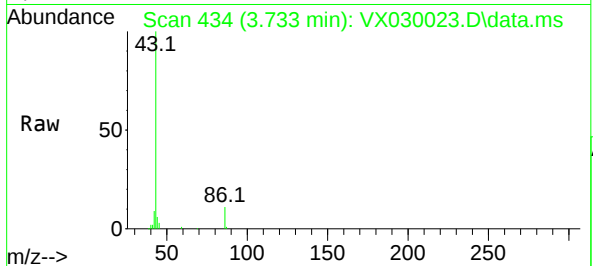
#23
 Vinyl Acetate
 Concen: 12.131 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX030023.D
 Acq: 12 Jul 2022 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 43 Resp: 74400
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.5 12.7

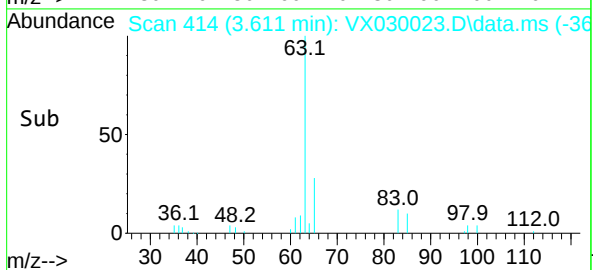
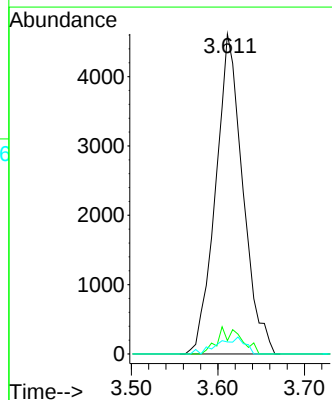
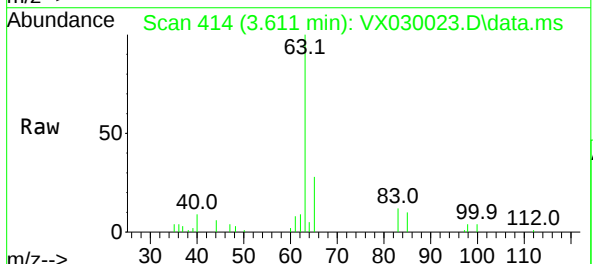
Manual Integrations
 APPROVED

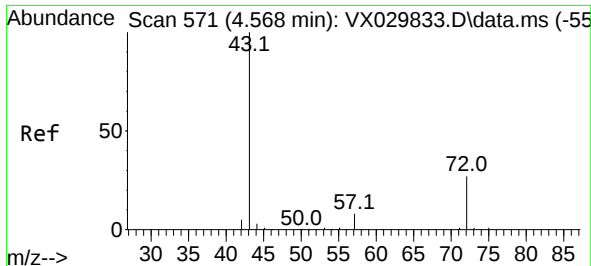
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#24
 1,1-Dichloroethane
 Concen: 2.505 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX030023.D
 Acq: 12 Jul 2022 16:41

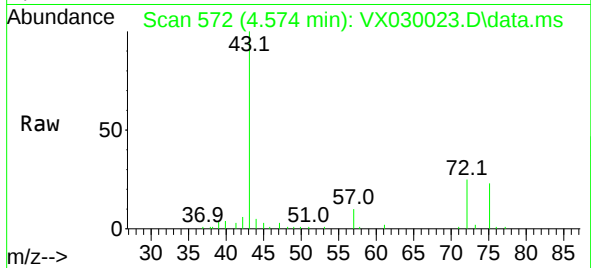
Tgt Ion: 63 Resp: 10058
 Ion Ratio Lower Upper
 63 100
 98 4.2 3.5 10.5
 100 3.7 2.3 6.9





#25
2-Butanone
Concen: 13.598 ug/l
RT: 4.574 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

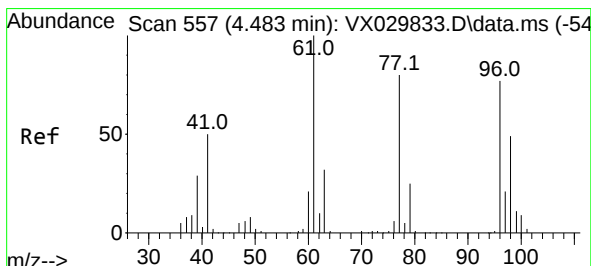
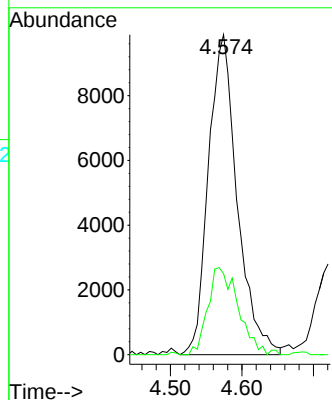
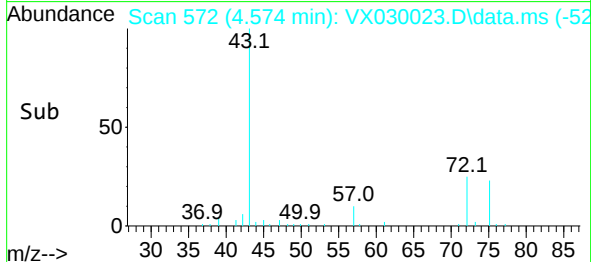
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 2761
Ion Ratio Lower Upper
43 100
72 25.3 21.7 32.5

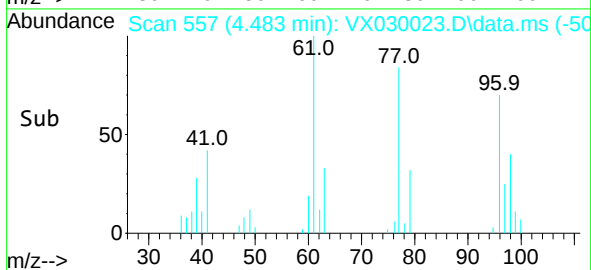
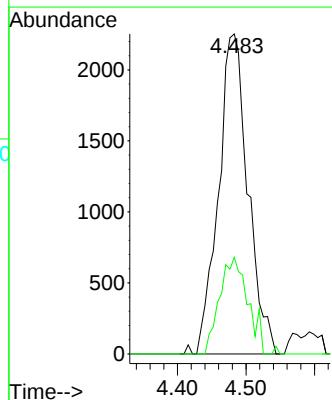
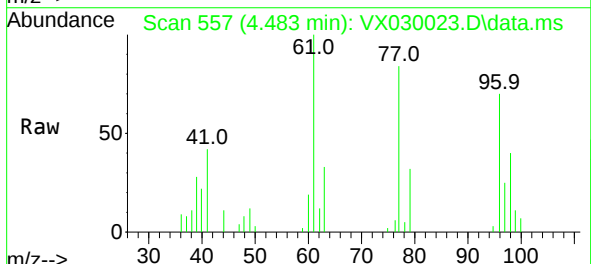
Manual Integrations
APPROVED

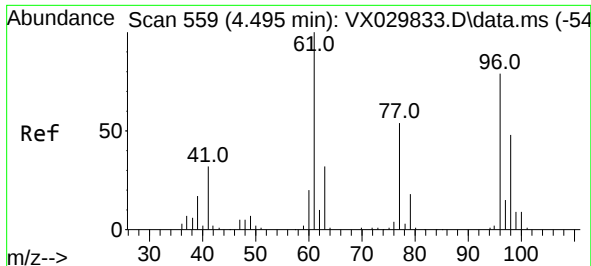
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#26
2,2-Dichloropropane
Concen: 2.388 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Tgt Ion: 77 Resp: 6735
Ion Ratio Lower Upper
77 100
97 28.8 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 2.503 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 96 Resp: 676

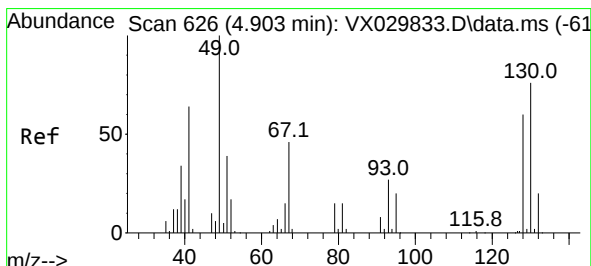
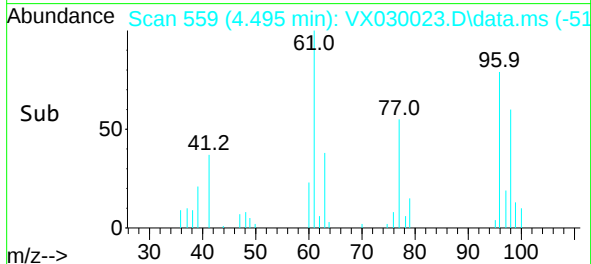
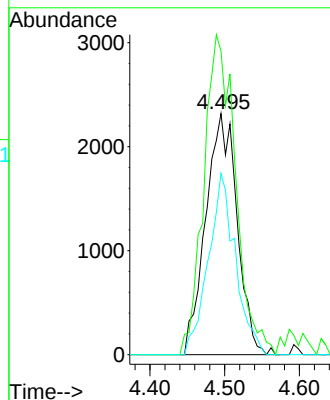
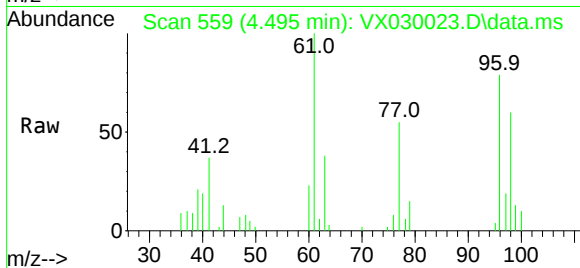
Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	270.0
98	64.9	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#28

Bromochloromethane

Concen: 2.292 ug/l

RT: 4.909 min Scan# 627

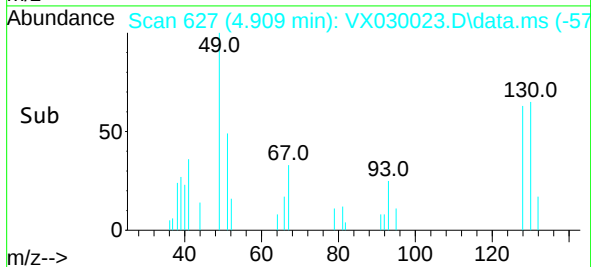
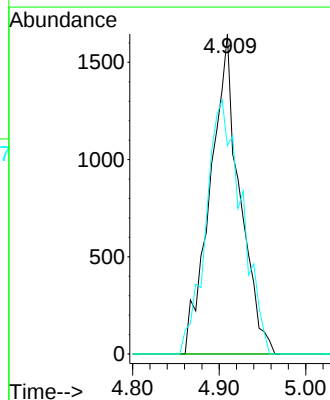
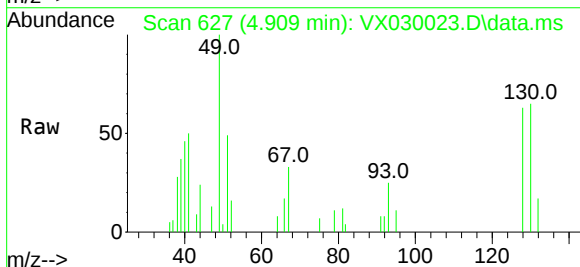
Delta R.T. 0.006 min

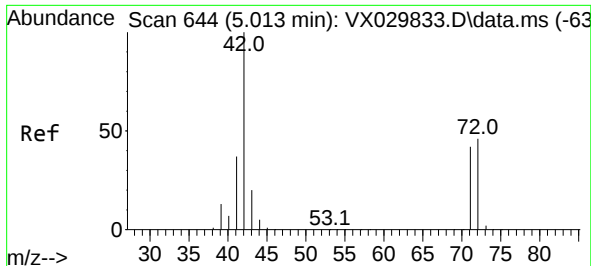
Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

Tgt Ion: 49 Resp: 3871

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	96.7	62.8	94.2#





#29

Tetrahydrofuran

Concen: 13.306 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 42 Resp: 18339

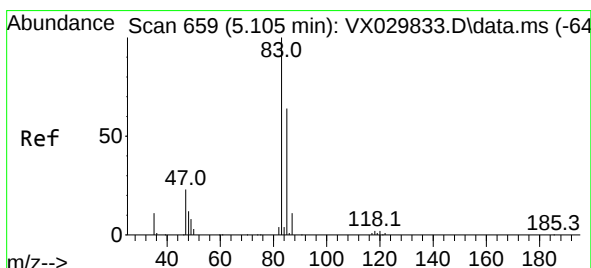
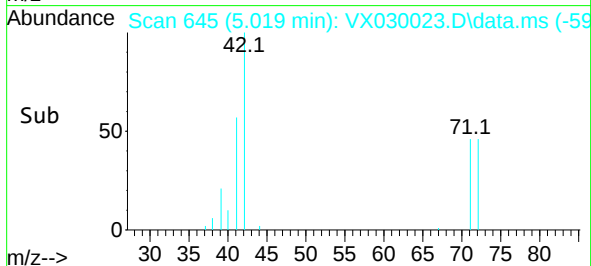
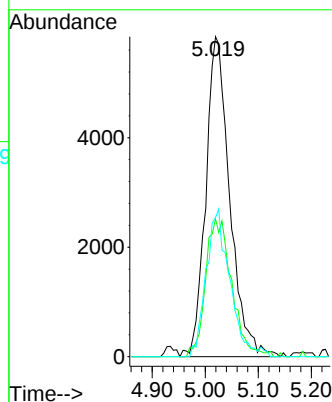
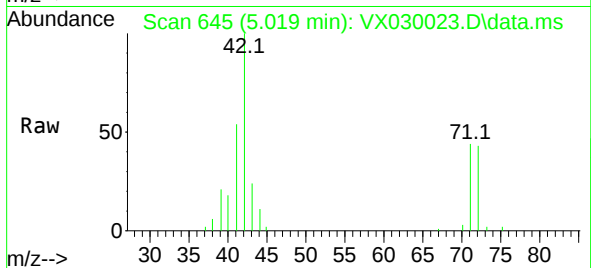
Ion	Ratio	Lower	Upper
42	100		
72	46.9	36.5	54.7
71	44.9	33.9	50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 2.556 ug/l

RT: 5.105 min Scan# 659

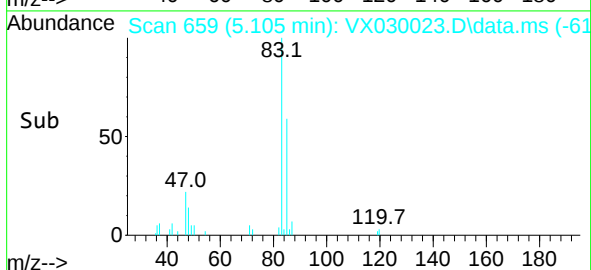
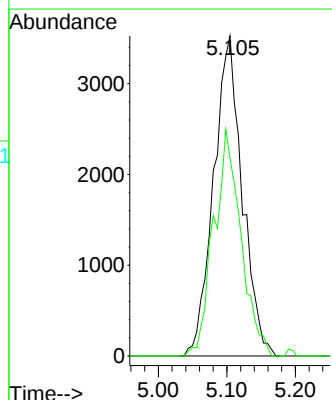
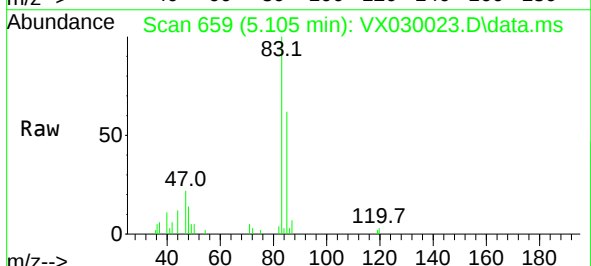
Delta R.T. -0.000 min

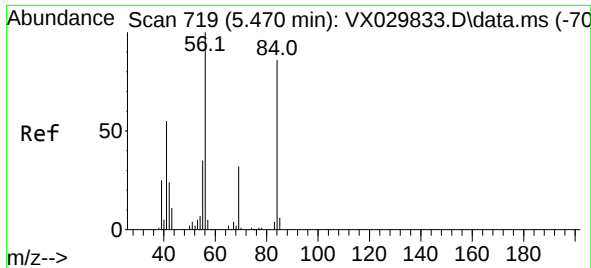
Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

Tgt Ion: 83 Resp: 10224

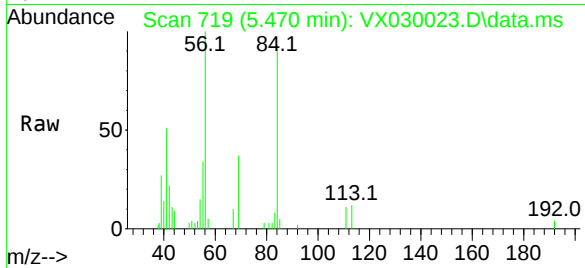
Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.5	77.3





#31
Cyclohexane
Concen: 2.347 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

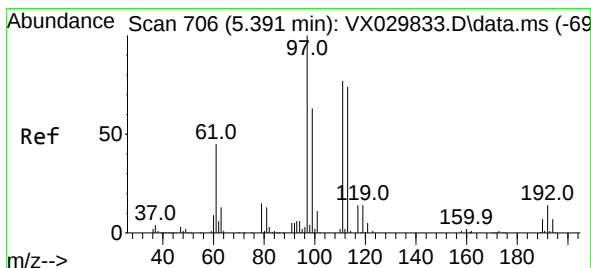
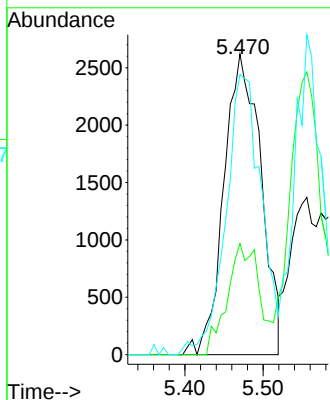
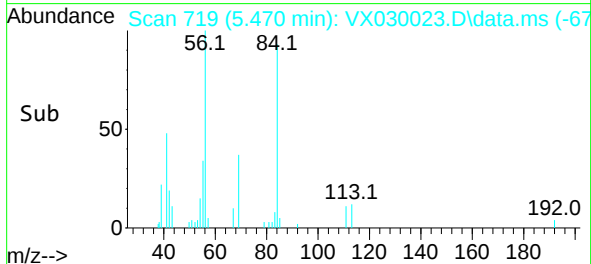
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



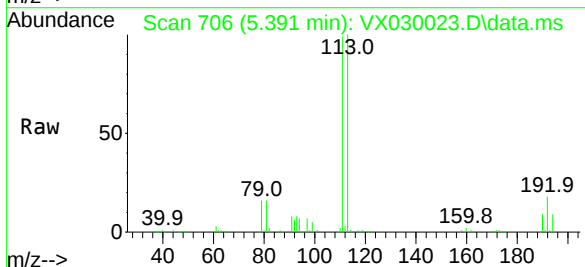
Tgt Ion: 56 Resp: 8610
Ion Ratio Lower Upper
56 100
69 37.0 25.4 38.0
84 93.2 68.9 103.3

Manual Integrations
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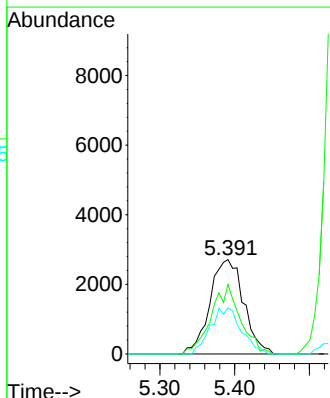
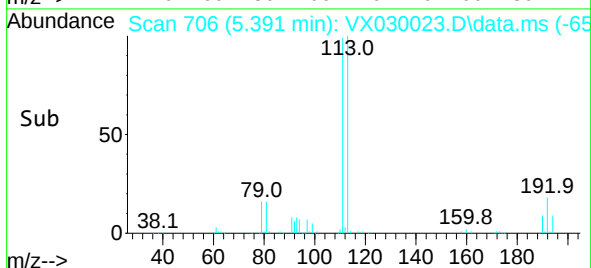
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#32
1,1,1-Trichloroethane
Concen: 2.602 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41



Tgt Ion: 97 Resp: 8509
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 45.1 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 48.228 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 65 Resp: 122025

Ion Ratio Lower Upper

65 100

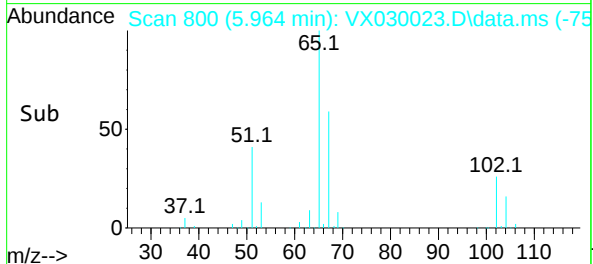
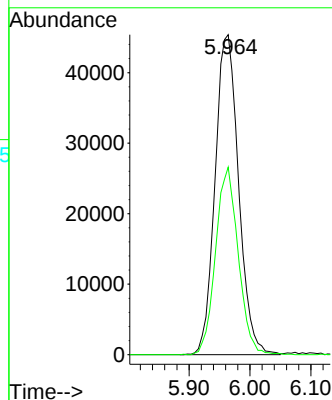
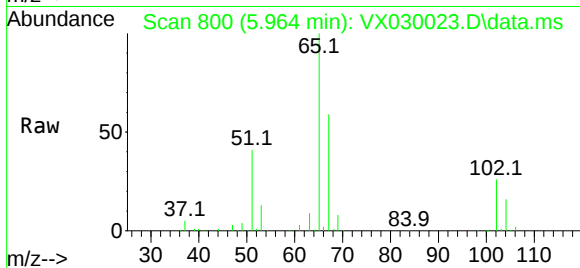
67 56.4 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

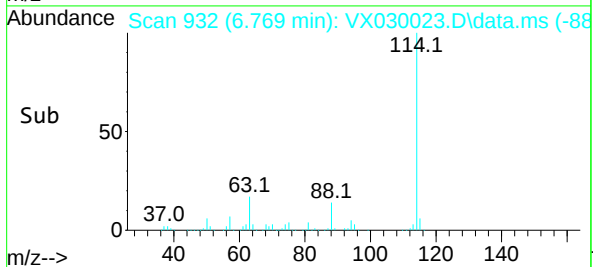
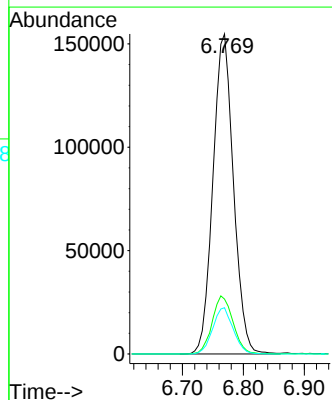
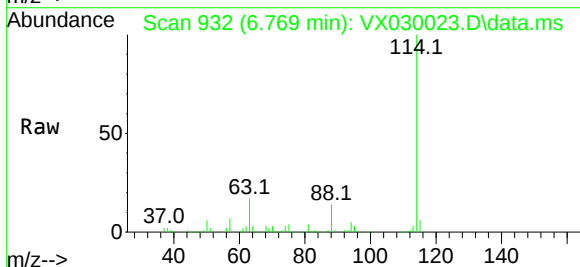
Tgt Ion:114 Resp: 362025

Ion Ratio Lower Upper

114 100

63 17.2 0.0 38.4

88 14.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.291 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030023.D

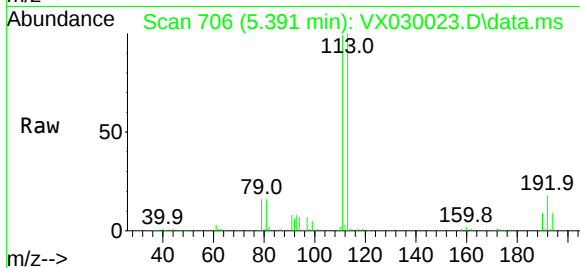
Acq: 12 Jul 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



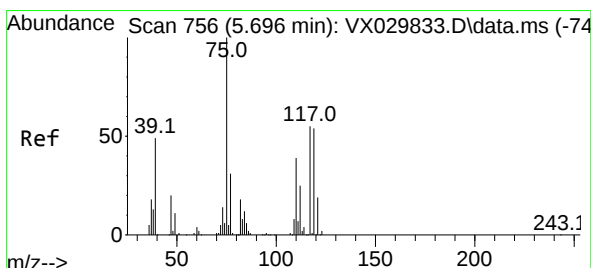
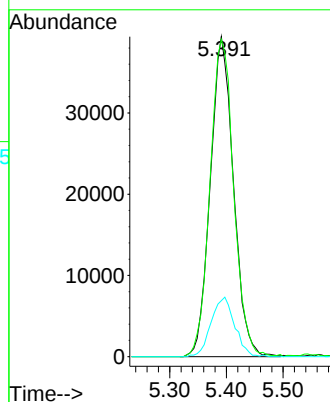
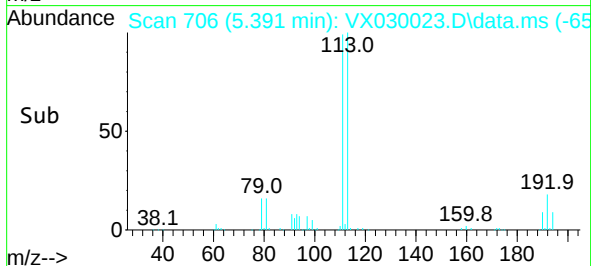
Tgt Ion:	113	Resp:	11168
Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.2	124.8
192	19.0	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#36

1,1-Dichloropropene

Concen: 2.584 ug/l

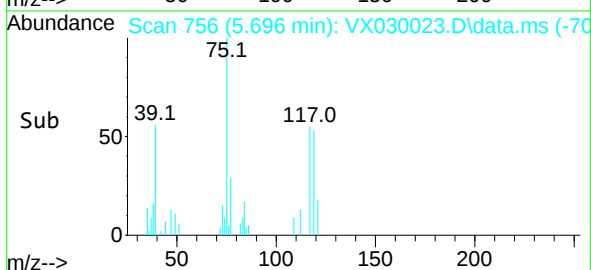
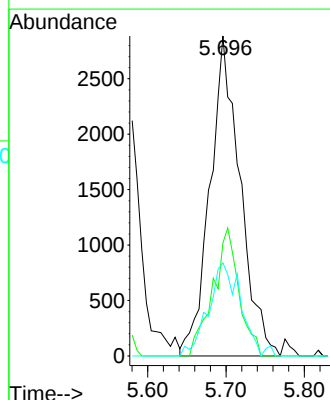
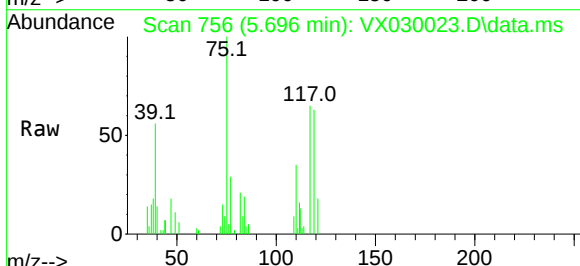
RT: 5.696 min Scan# 756

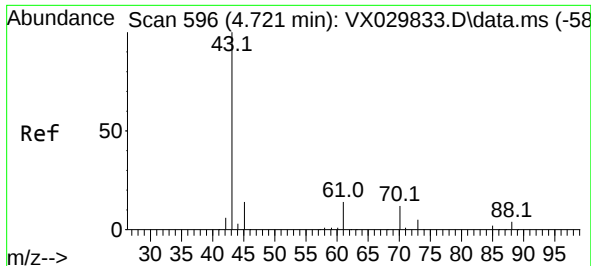
Delta R.T. -0.000 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

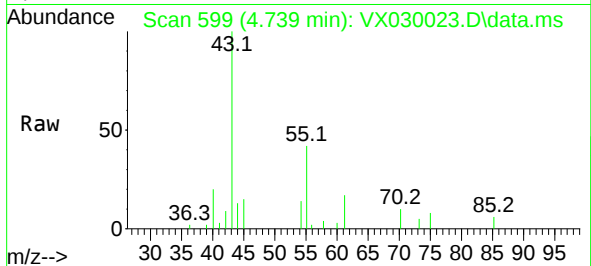
Tgt Ion:	75	Resp:	7720
Ion	Ratio	Lower	Upper
75	100		
110	34.4	19.3	57.9
77	30.6	24.4	36.6





#37
Ethyl Acetate
Concen: 2.601 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.018 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

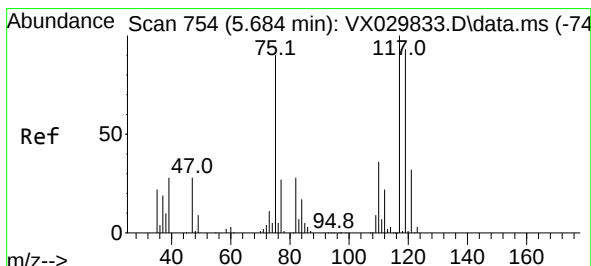
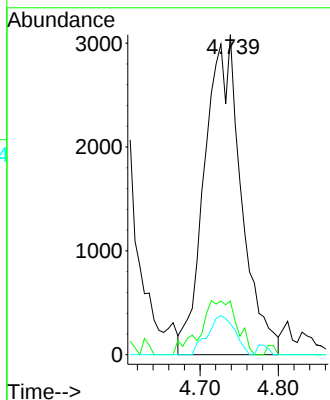
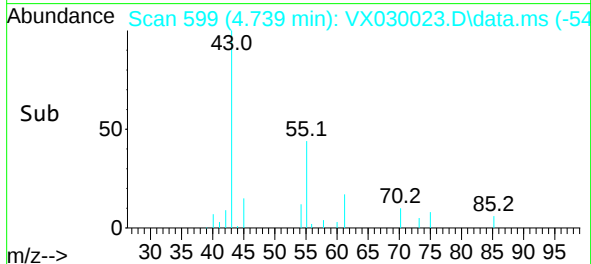
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5
70 9.1 9.3 13.9

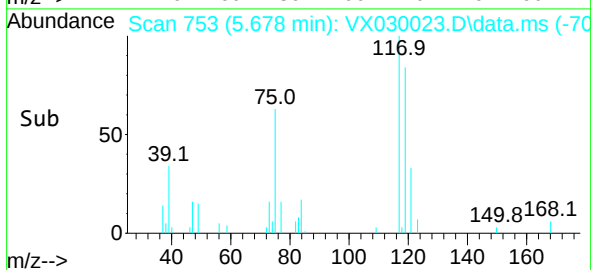
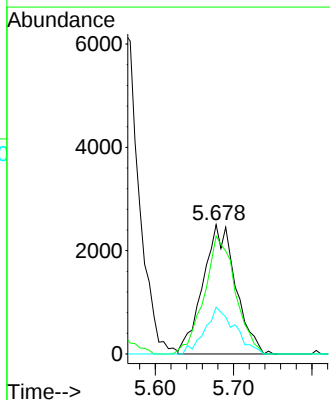
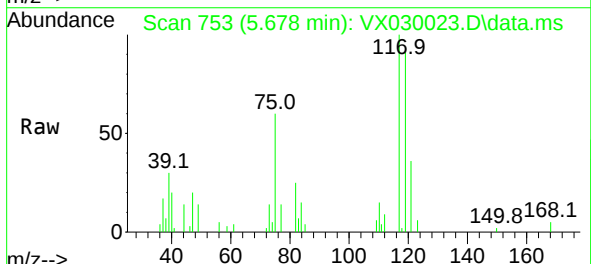
Manual Integrations
APPROVED

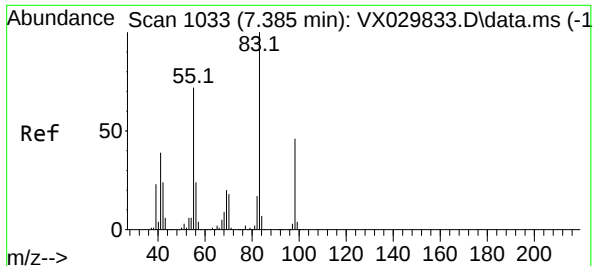
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#38
Carbon Tetrachloride
Concen: 2.616 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Tgt Ion:117 Resp: 7289
Ion Ratio Lower Upper
117 100
119 91.3 74.1 111.1
121 36.1 25.8 38.8





#39

Methylcyclohexane

Concen: 2.355 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX030023.D

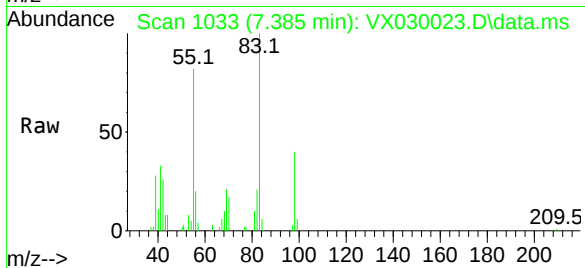
Acq: 12 Jul 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



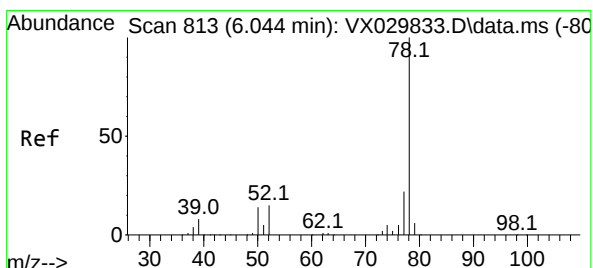
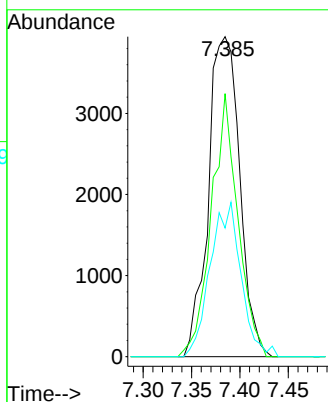
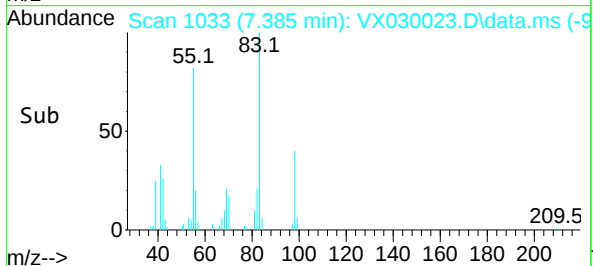
Tgt Ion: 83	Resp: 891
Ion Ratio	Lower Upper
83	100
55	82.2 57.7 86.5
98	40.2 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#40

Benzene

Concen: 2.466 ug/l

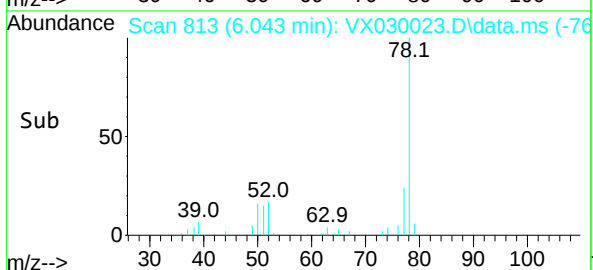
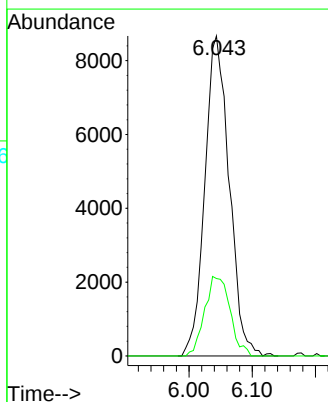
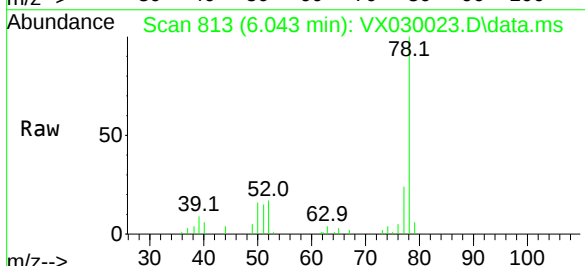
RT: 6.043 min Scan# 813

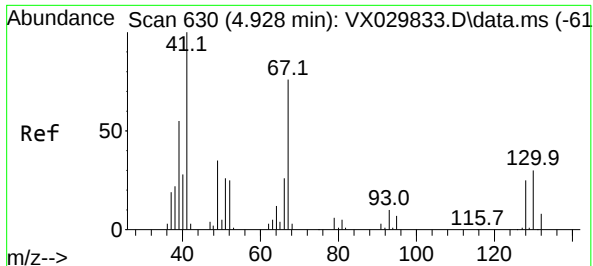
Delta R.T. -0.001 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

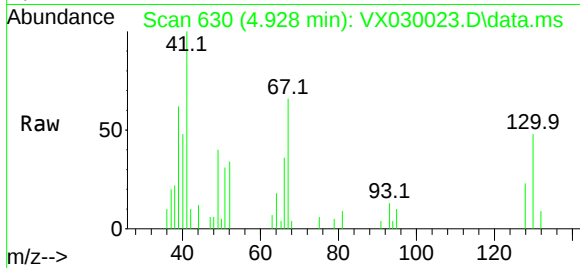
Tgt Ion: 78	Resp: 23191
Ion Ratio	Lower Upper
78	100
77	24.2 18.0 27.0





#41
Methacrylonitrile
Concen: 2.686 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

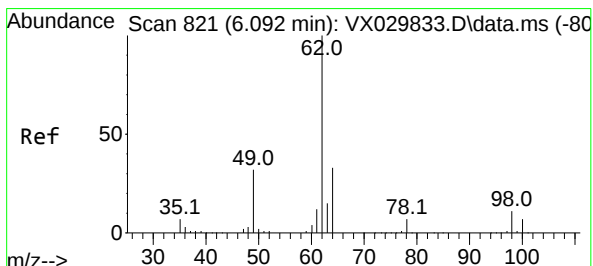
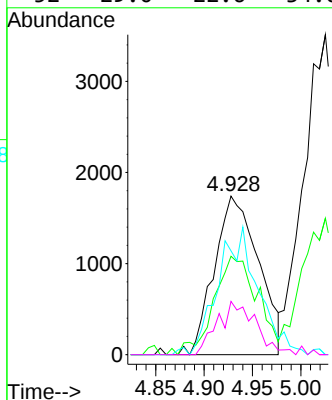
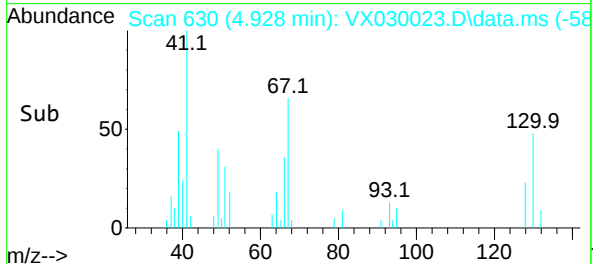
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



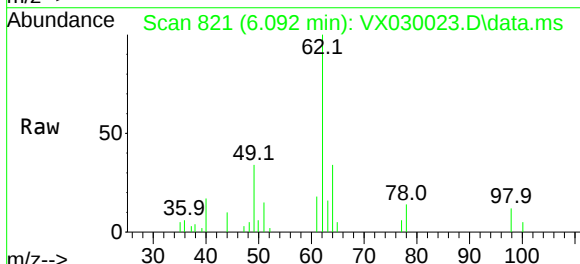
Tgt Ion: 41 Resp: 555
Ion Ratio Lower Upper
41 100
39 61.3 42.9 64.3
67 38.0 60.1 90.1
52 29.0 22.6 34.0

Manual Integrations
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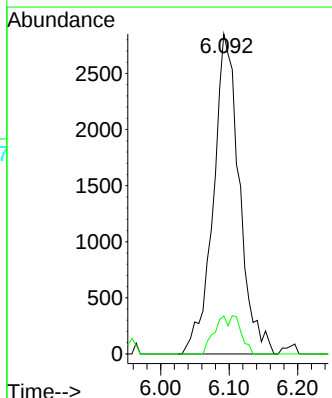
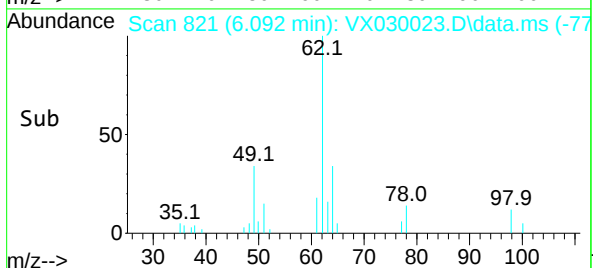
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

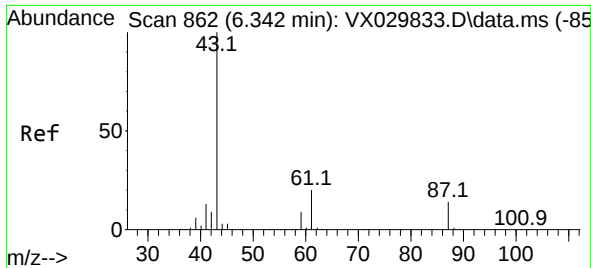


#42
1,2-Dichloroethane
Concen: 2.575 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41



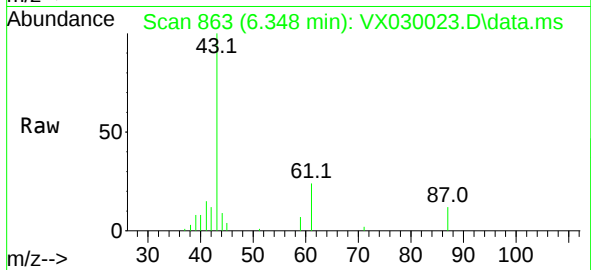
Tgt Ion: 62 Resp: 7503
Ion Ratio Lower Upper
62 100
98 6.7 0.0 20.2





#43
Isopropyl Acetate
Concen: 2.527 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

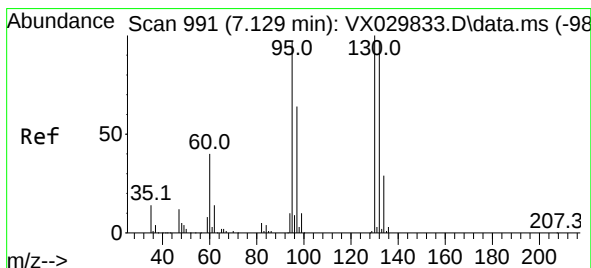
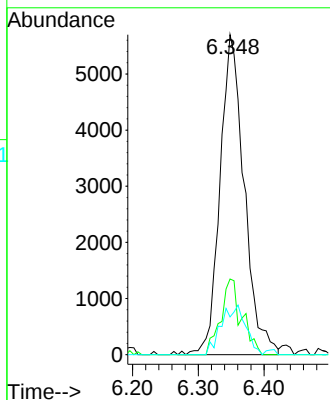
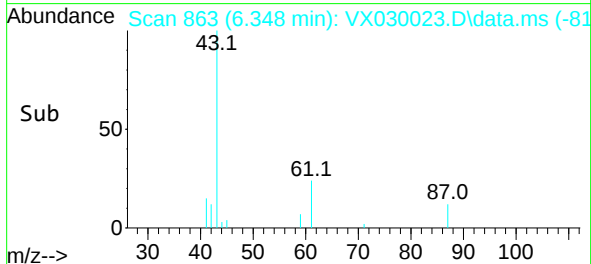
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 43 Resp: 14586
Ion Ratio Lower Upper
43 100
61 20.5 16.5 24.7
87 15.6 11.1 16.7

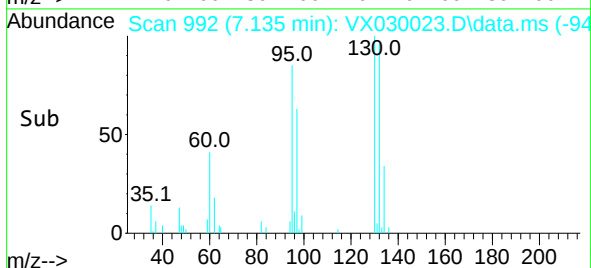
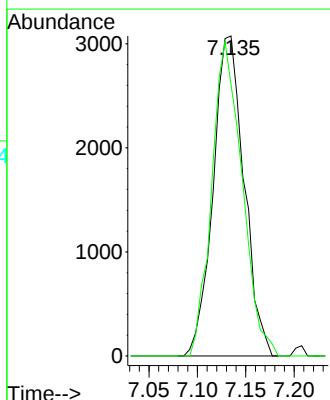
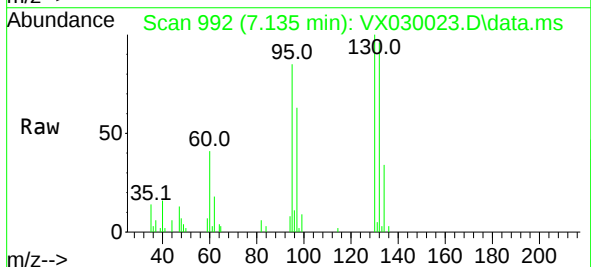
Manual Integrations
APPROVED

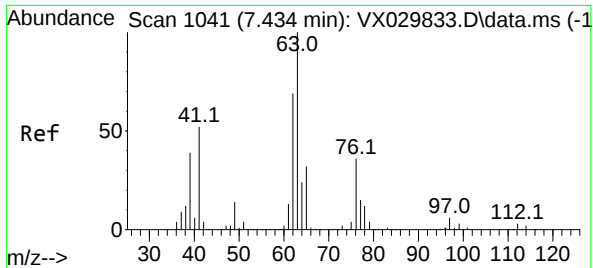
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#44
Trichloroethene
Concen: 2.488 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

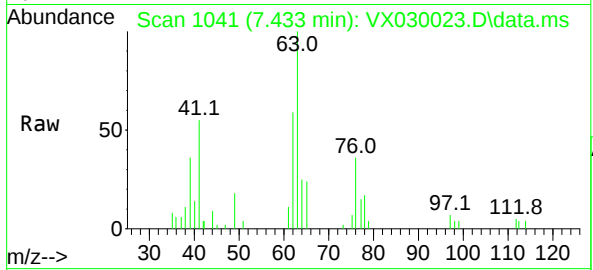
Tgt Ion:130 Resp: 6836
Ion Ratio Lower Upper
130 100
95 84.8 0.0 194.8





#45
1,2-Dichloropropane
Concen: 2.653 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. -0.001 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

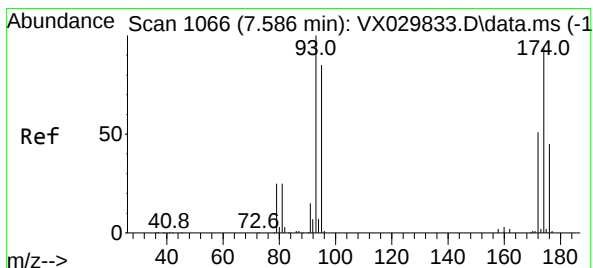
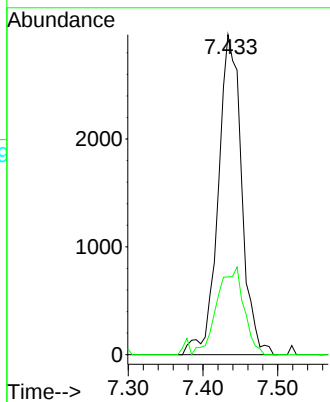
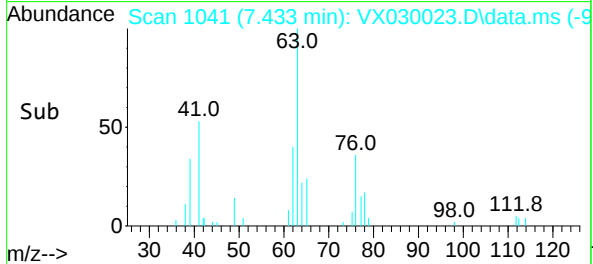
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 63 Resp: 6484
Ion Ratio Lower Upper
63 100
65 24.3 25.2 37.8

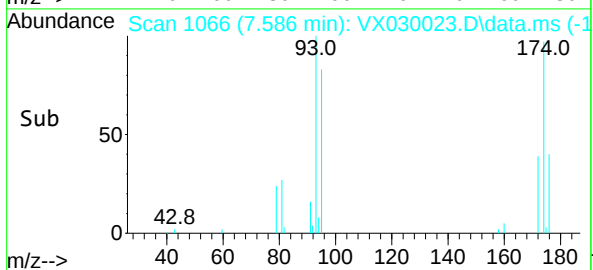
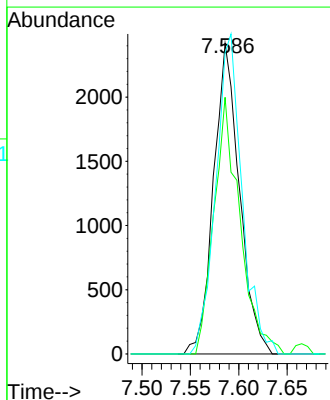
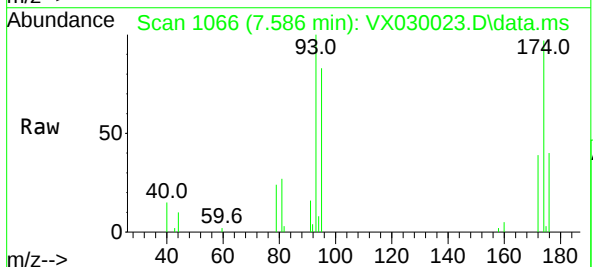
Manual Integrations
APPROVED

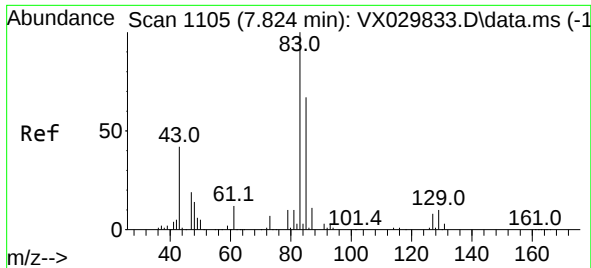
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#46
Dibromomethane
Concen: 2.675 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

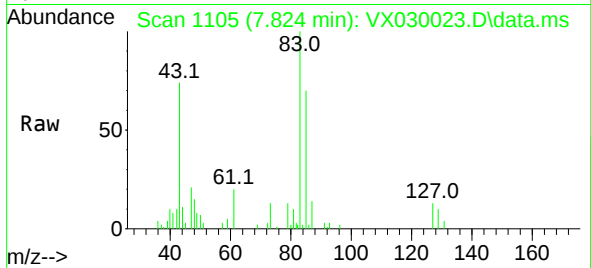
Tgt Ion: 93 Resp: 4499
Ion Ratio Lower Upper
93 100
95 83.0 67.4 101.0
174 104.1 75.6 113.4





#47
Bromodichloromethane
Concen: 2.525 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

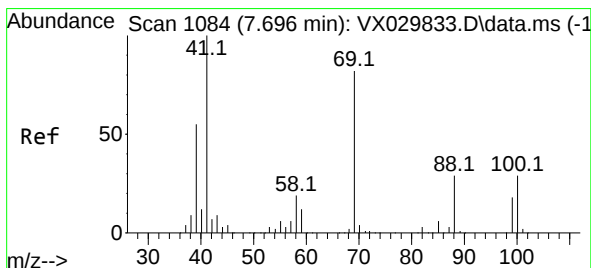
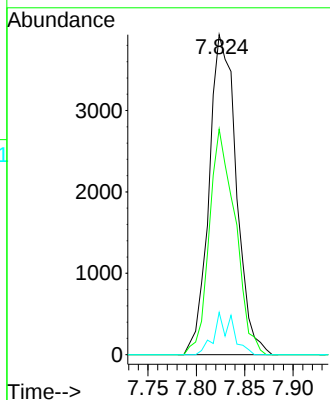
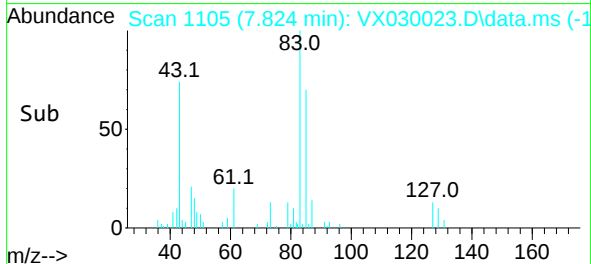
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



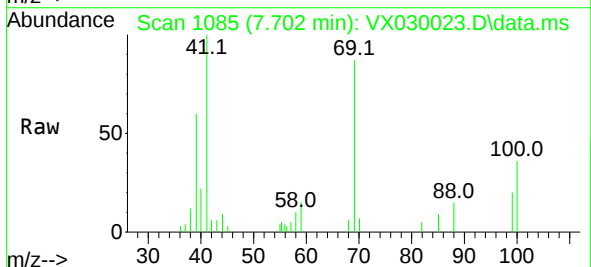
Tgt Ion: 83 Resp: 7708
Ion Ratio Lower Upper
83 100
85 70.5 53.5 80.3
127 13.2 6.6 10.0

Manual Integrations
APPROVED

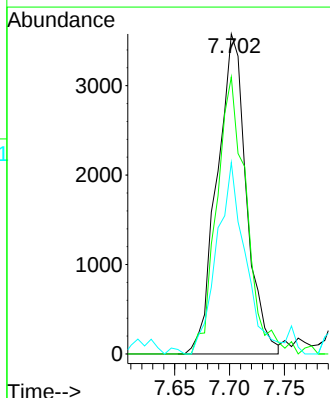
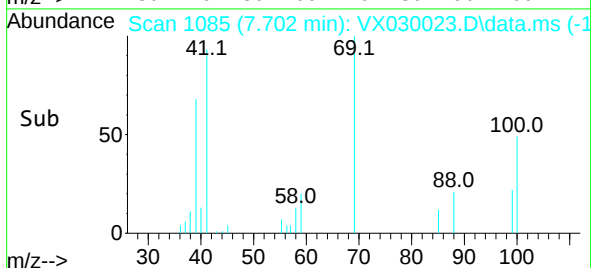
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

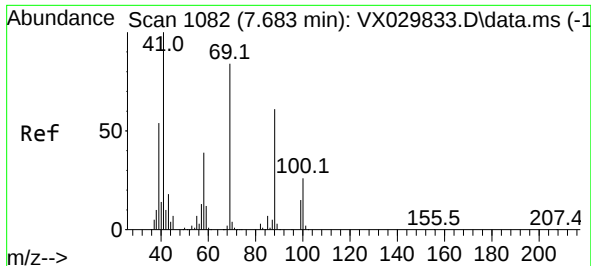


#48
Methyl methacrylate
Concen: 2.505 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41



Tgt Ion: 41 Resp: 6671
Ion Ratio Lower Upper
41 100
69 87.1 68.8 103.2
39 59.0 44.6 66.8





#49

1,4-Dioxane

Concen: 59.873 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.012 min

Lab File: VX030023.D

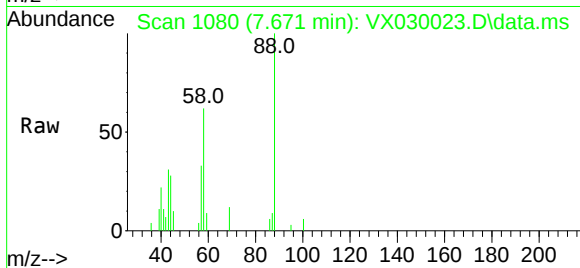
Acq: 12 Jul 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



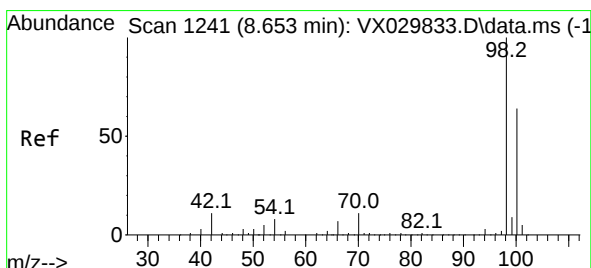
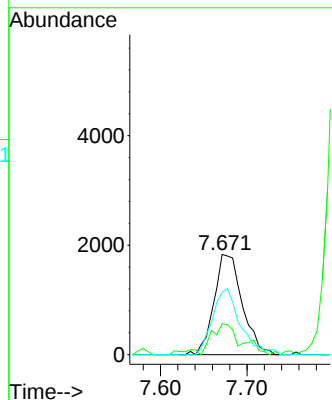
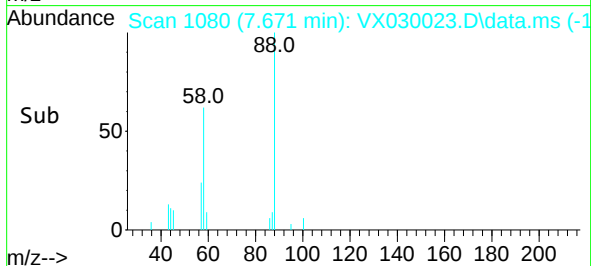
Tgt Ion:	88	Resp:	414
Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.8	35.8
58	64.6	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#50

Toluene-d8

Concen: 48.433 ug/l

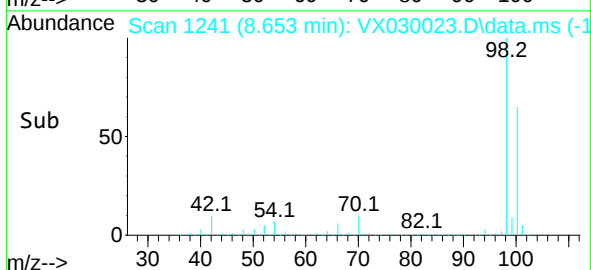
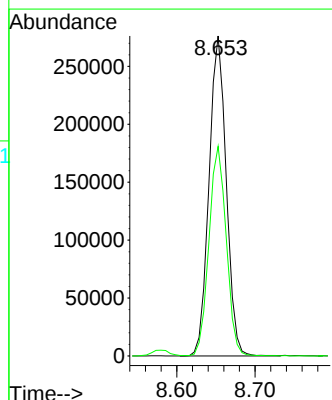
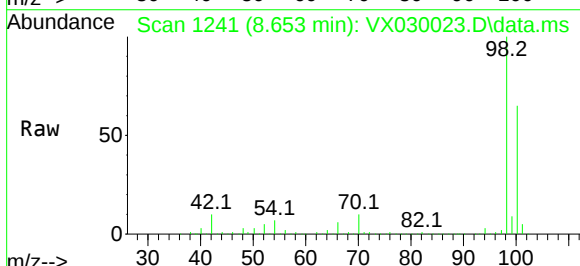
RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

Tgt Ion:	98	Resp:	421276
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.3	78.5





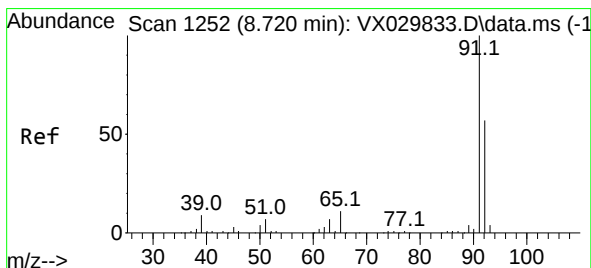
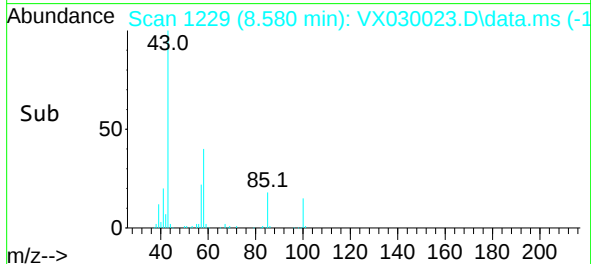
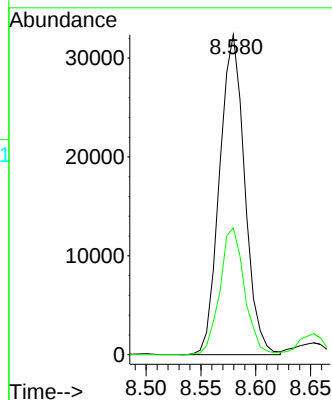
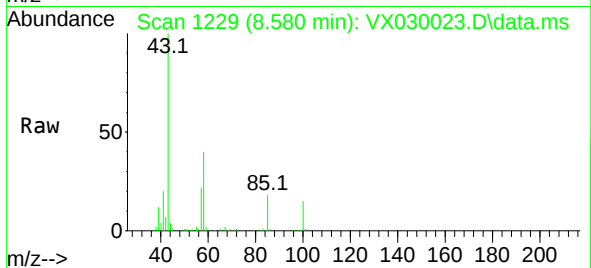
#51
4-Methyl-2-Pentanone
Concen: 13.502 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 43 Resp: 5157
Ion Ratio Lower Upper
43 100
58 38.9 31.4 47.2

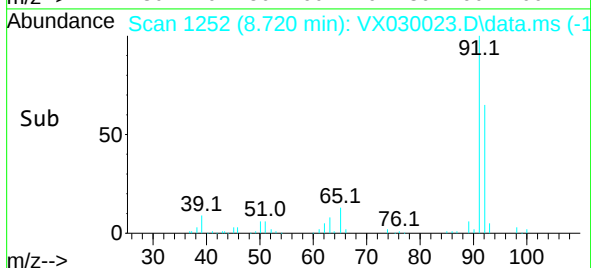
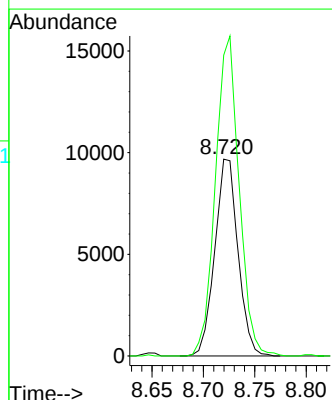
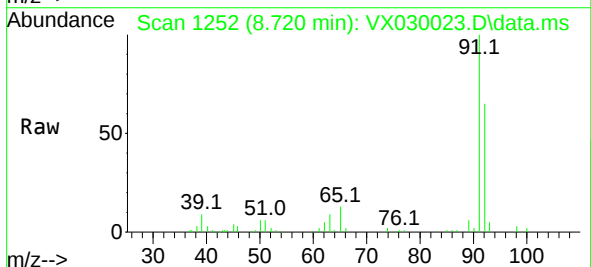
Manual Integrations
APPROVED

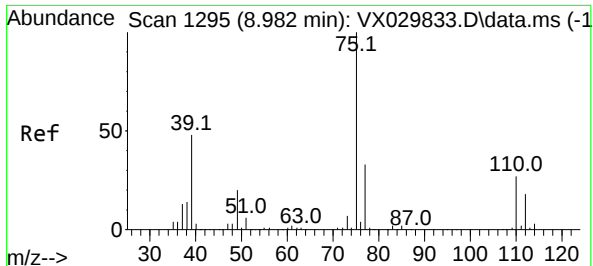
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#52
Toluene
Concen: 2.546 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Tgt Ion: 92 Resp: 15200
Ion Ratio Lower Upper
92 100
91 165.6 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 2.472 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 75 Resp: 7838

Ion Ratio Lower Upper

75 100

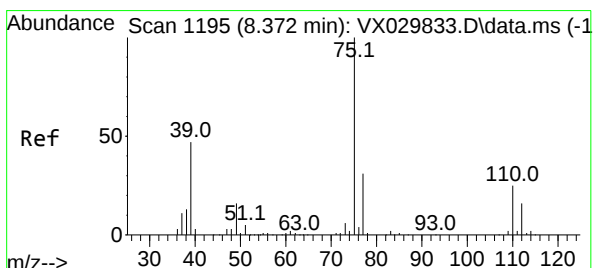
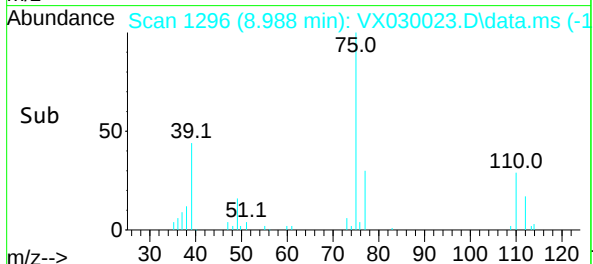
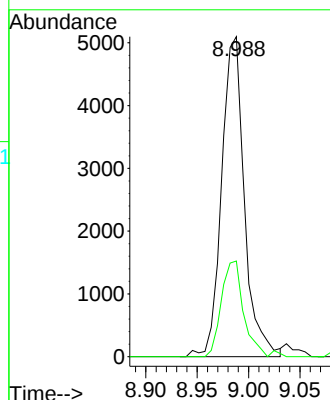
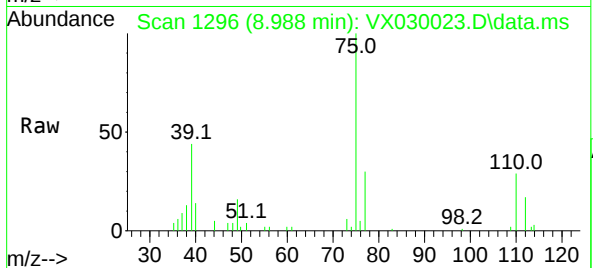
77 29.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#54

cis-1,3-Dichloropropene

Concen: 2.377 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

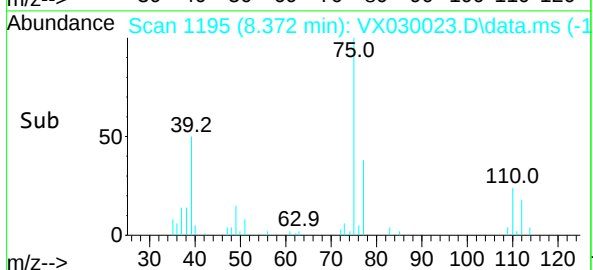
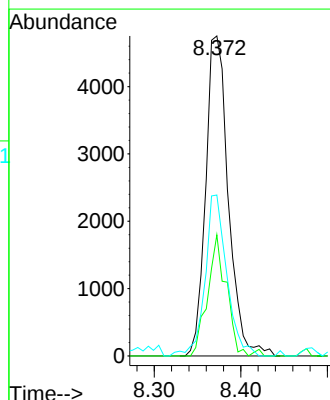
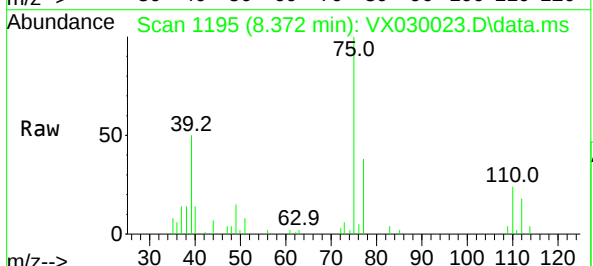
Tgt Ion: 75 Resp: 8635

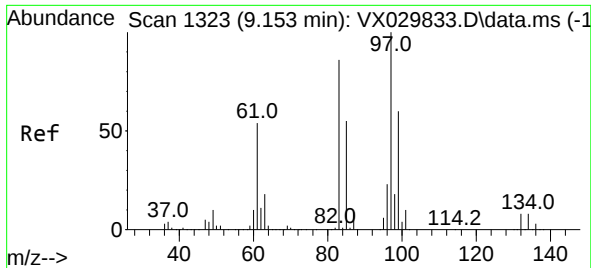
Ion Ratio Lower Upper

75 100

77 37.8 25.0 37.4#

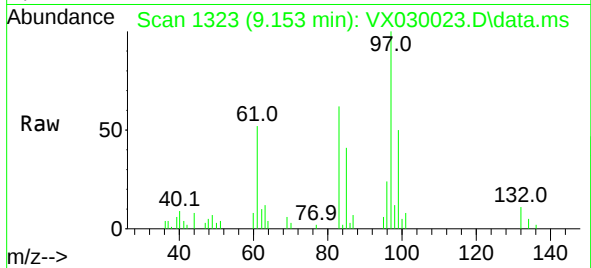
39 48.8 37.5 56.3





#55
1,1,2-Trichloroethane
Concen: 2.782 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

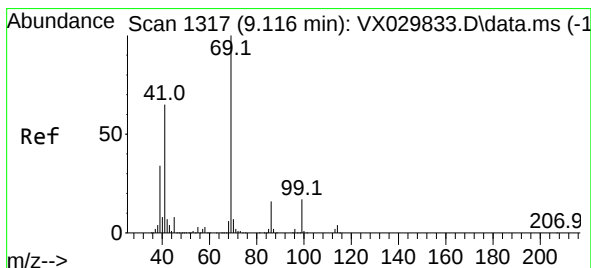
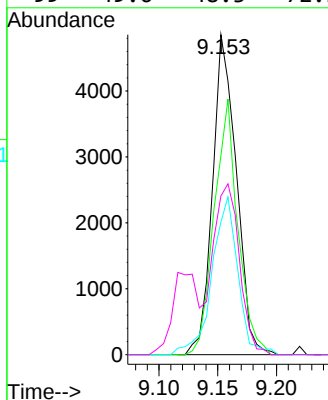
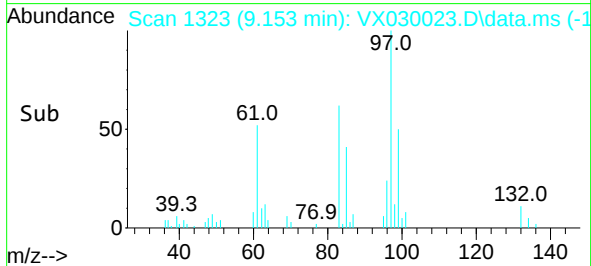
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



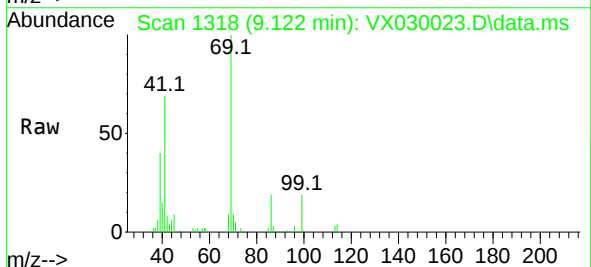
Tgt Ion: 97 Resp: 6850
Ion Ratio Lower Upper
97 100
83 62.2 68.9 103.3
85 41.4 44.0 66.0
99 49.6 48.3 72.5

Manual Integrations
APPROVED

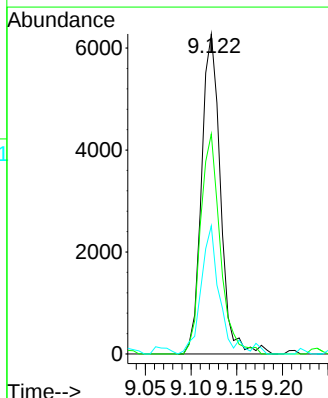
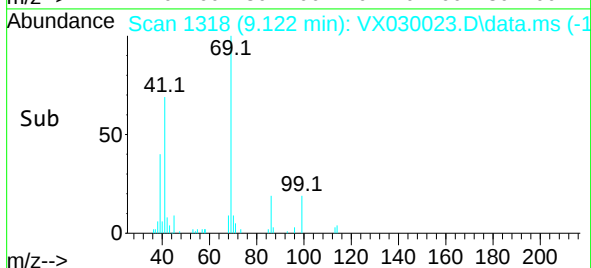
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#56
Ethyl methacrylate
Concen: 2.431 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41



Tgt Ion: 69 Resp: 9000
Ion Ratio Lower Upper
69 100
41 71.6 52.3 78.5
39 38.6 28.2 42.4





#57

1,3-Dichloropropane

Concen: 2.567 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 76 Resp: 1004

Ion Ratio Lower Upper

76 100

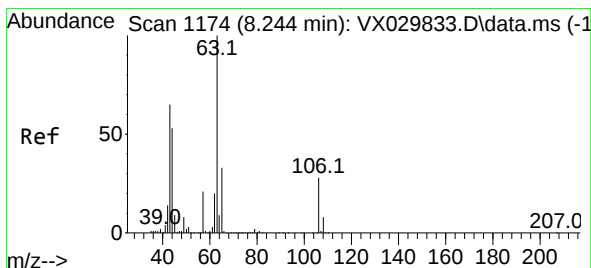
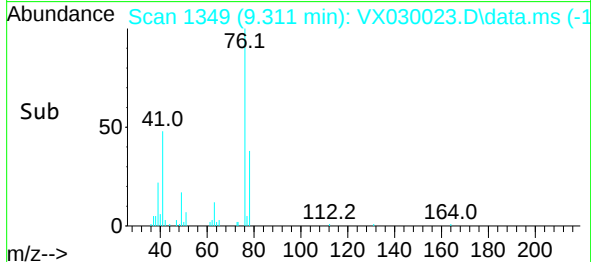
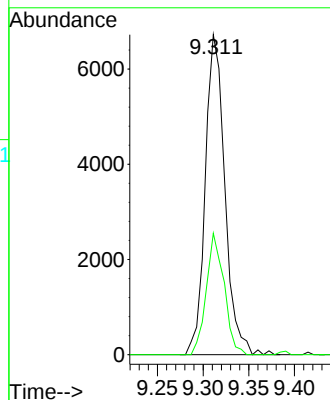
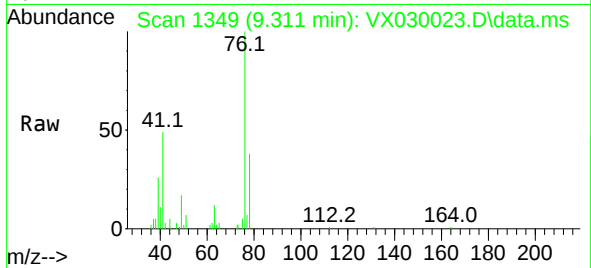
78 34.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 11.231 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX030023.D

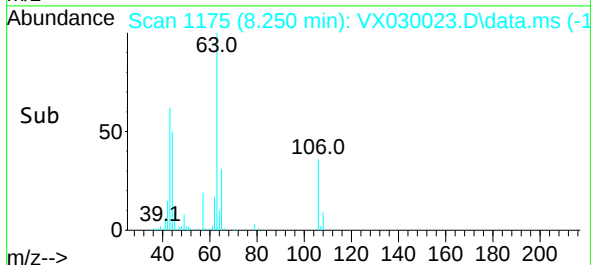
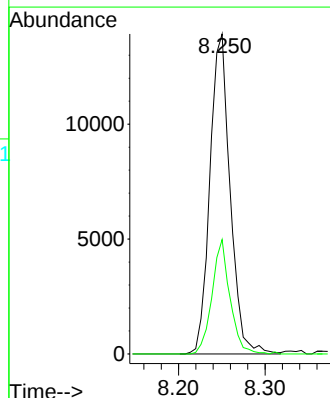
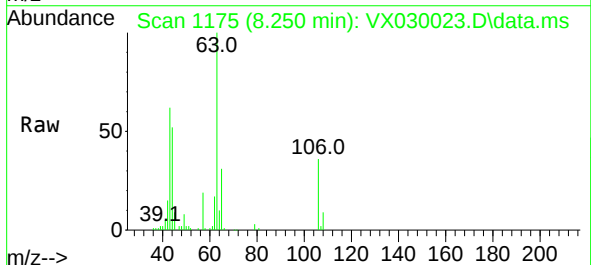
Acq: 12 Jul 2022 16:41

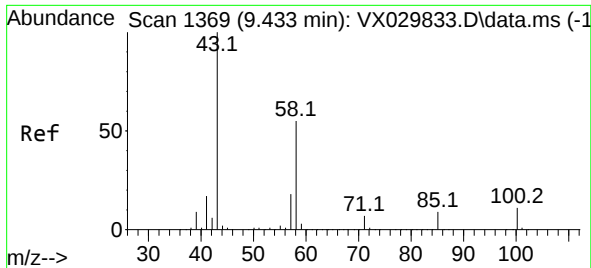
Tgt Ion: 63 Resp: 22575

Ion Ratio Lower Upper

63 100

106 31.7 22.2 33.2





#59

2-Hexanone

Concen: 13.569 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 43 Resp: 39740

Ion Ratio Lower Upper

43 100

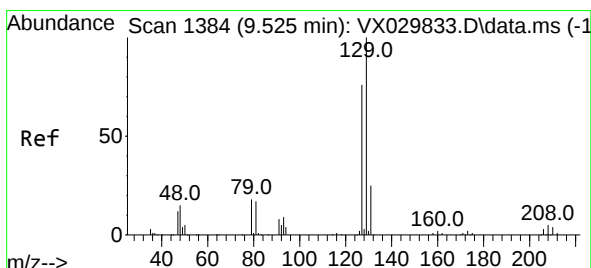
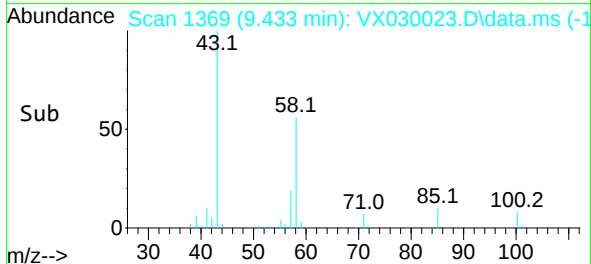
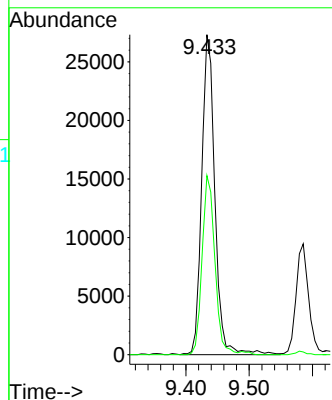
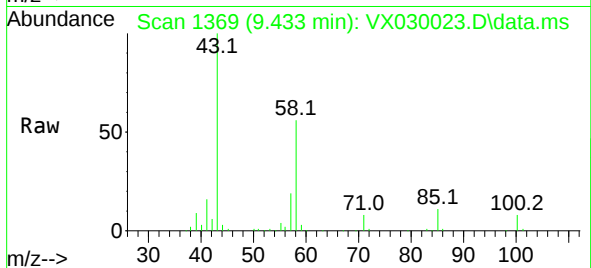
58 54.0 27.6 82.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#60

Dibromochloromethane

Concen: 2.517 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030023.D

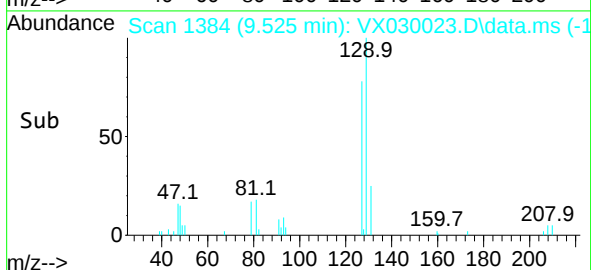
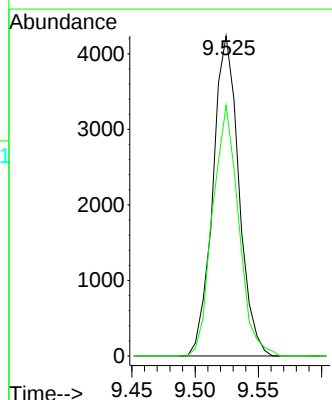
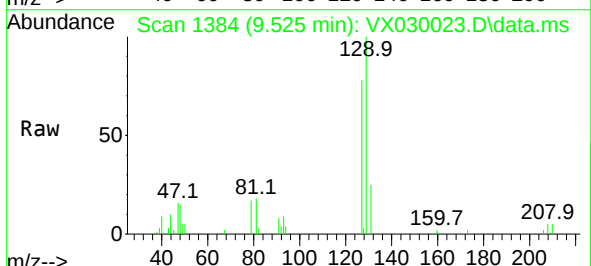
Acq: 12 Jul 2022 16:41

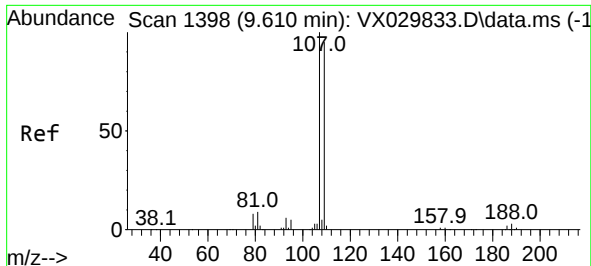
Tgt Ion:129 Resp: 6037

Ion Ratio Lower Upper

129 100

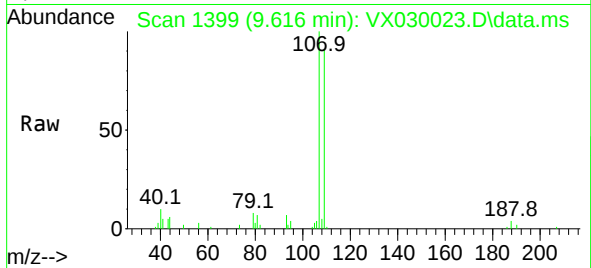
127 78.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 2.492 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

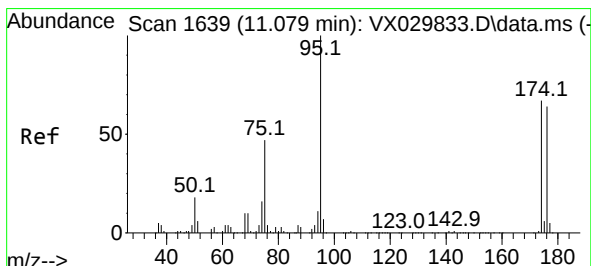
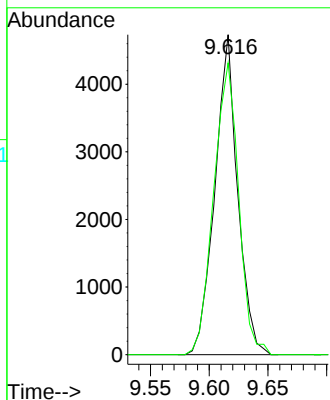
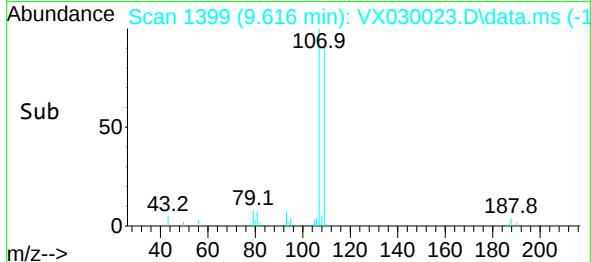
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



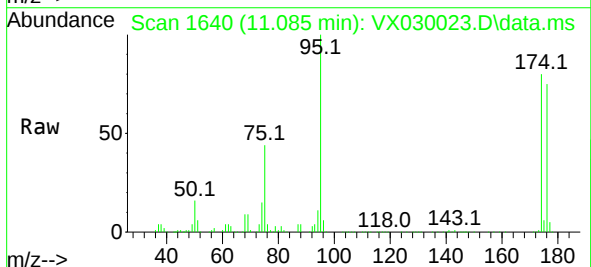
Tgt Ion:107 Resp: 6380
Ion Ratio Lower Upper
107 100
109 99.8 76.6 114.8

Manual Integrations
APPROVED

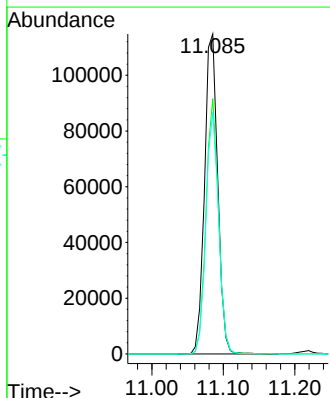
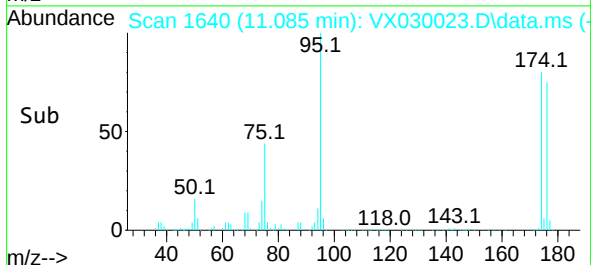
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

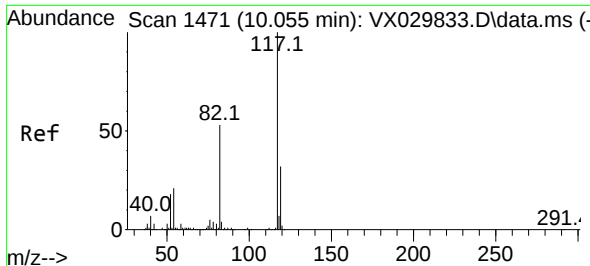


#62
4-Bromofluorobenzene
Concen: 48.784 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41



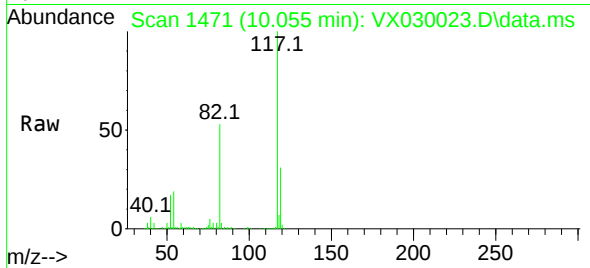
Tgt Ion: 95 Resp: 147256
Ion Ratio Lower Upper
95 100
174 76.2 0.0 149.0
176 72.9 0.0 146.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

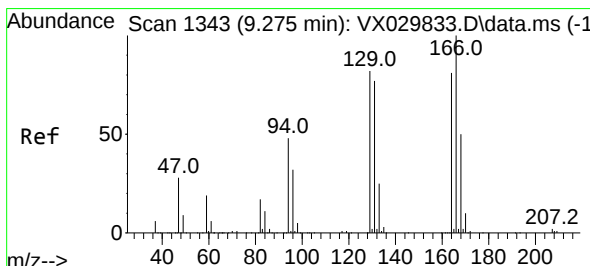
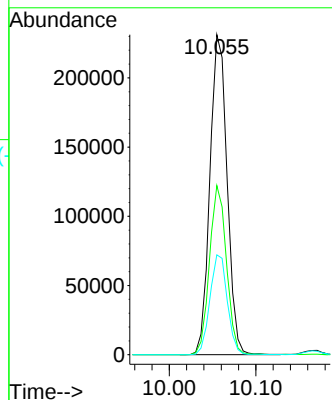
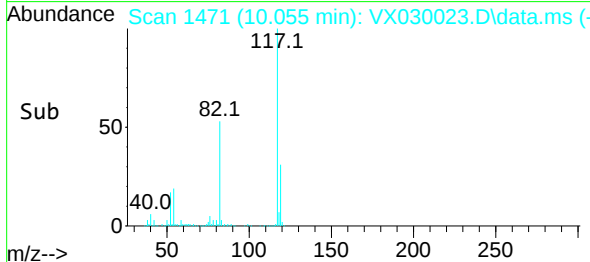
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:117 Resp: 31847
Ion Ratio Lower Upper
117 100
82 52.9 42.7 64.1
119 31.2 25.4 38.2

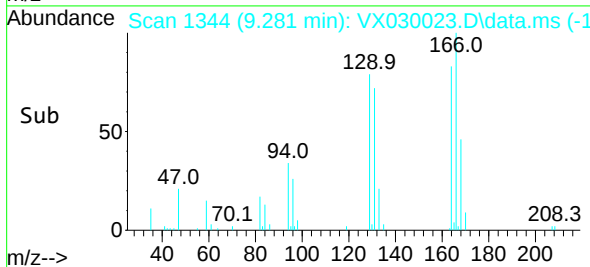
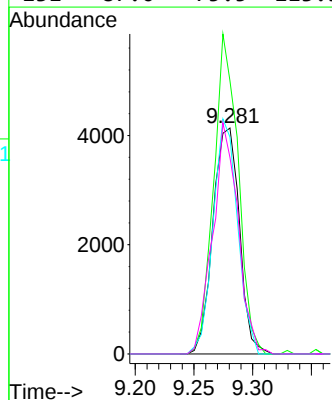
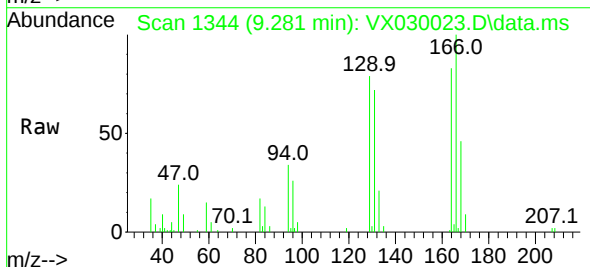
Manual Integrations
APPROVED

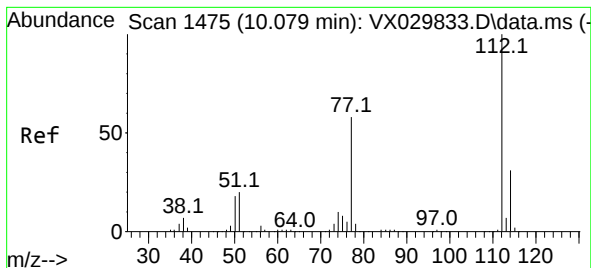
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#64
Tetrachloroethene
Concen: 2.530 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

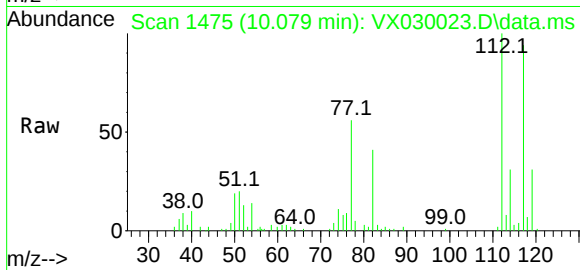
Tgt Ion:164 Resp: 6468
Ion Ratio Lower Upper
164 100
166 120.9 98.2 147.4
129 96.0 80.8 121.2
131 87.0 75.5 113.3





#65
Chlorobenzene
Concen: 2.650 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

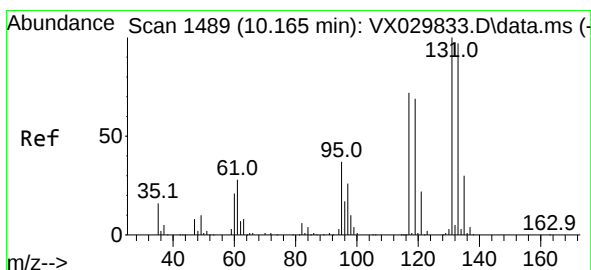
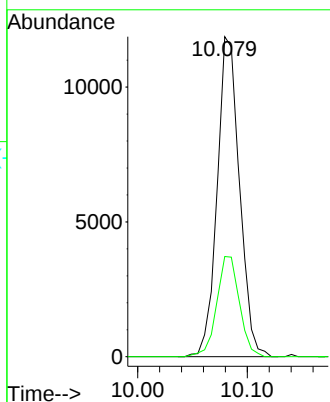
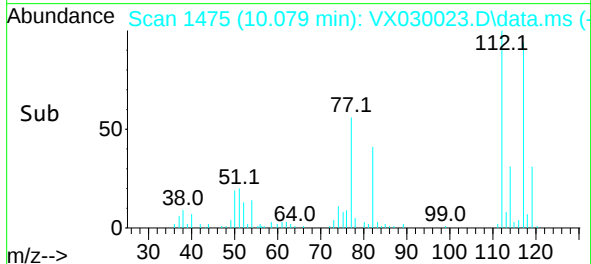
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



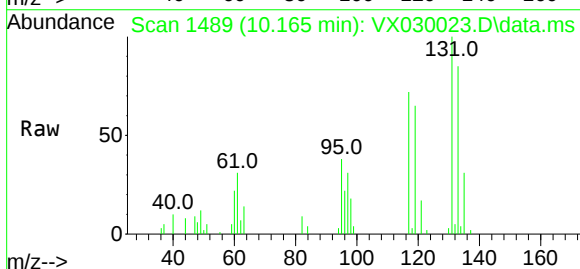
Tgt Ion:112 Resp: 16808
Ion Ratio Lower Upper
112 100
114 31.3 24.6 36.8

Manual Integrations
APPROVED

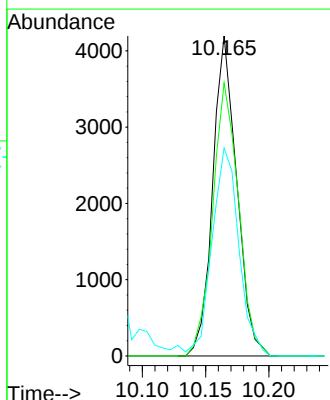
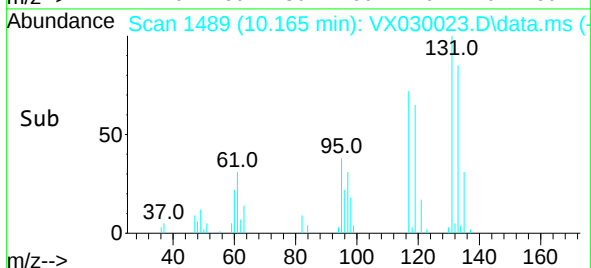
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

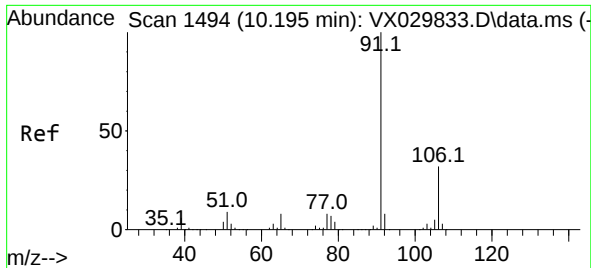


#66
1,1,1,2-Tetrachloroethane
Concen: 2.561 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41



Tgt Ion:131 Resp: 5537
Ion Ratio Lower Upper
131 100
133 91.8 46.9 140.8
119 72.1 34.4 103.1





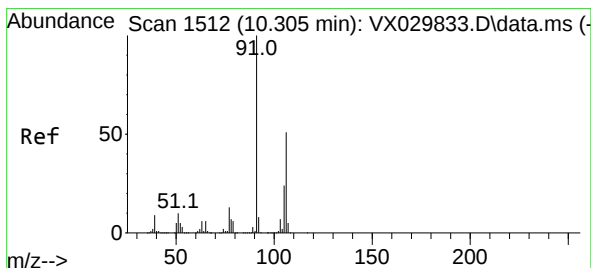
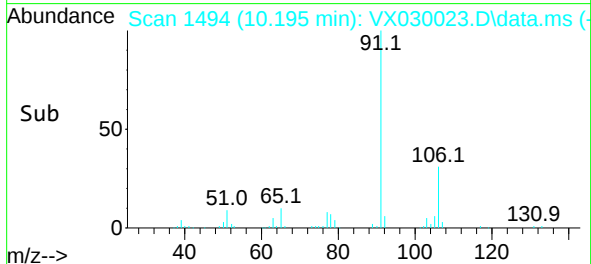
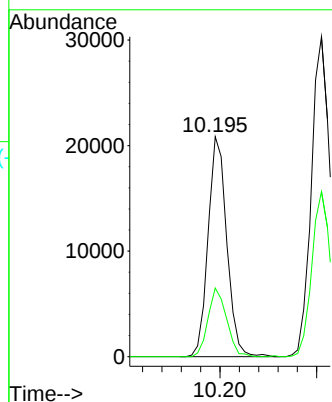
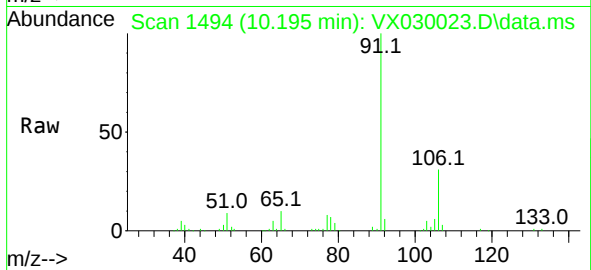
#67
Ethyl Benzene
Concen: 2.604 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 91 Resp: 27984
Ion Ratio Lower Upper
91 100
106 31.2 25.5 38.3

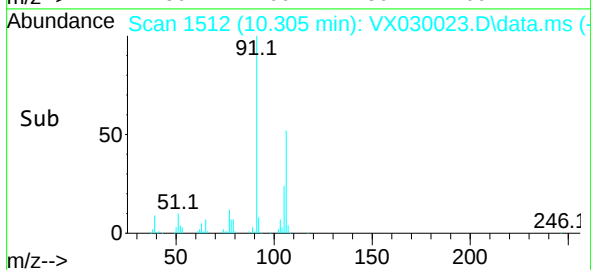
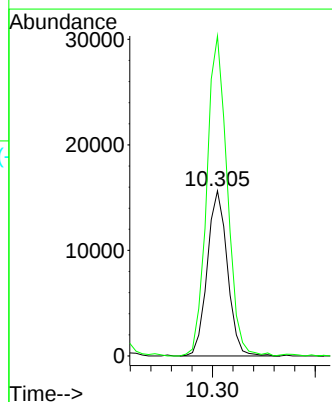
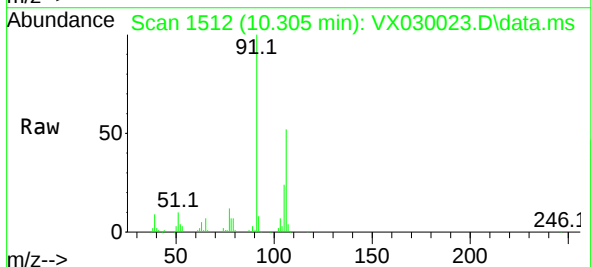
Manual Integrations
APPROVED

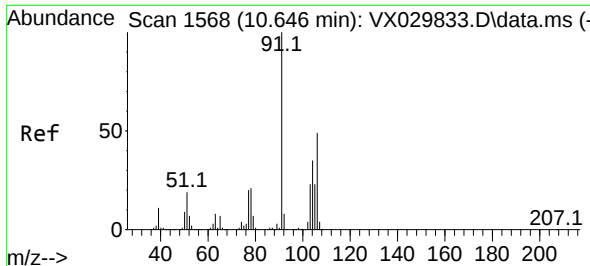
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#68
m/p-Xylenes
Concen: 5.046 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Tgt Ion:106 Resp: 21273
Ion Ratio Lower Upper
106 100
91 196.9 158.2 237.4





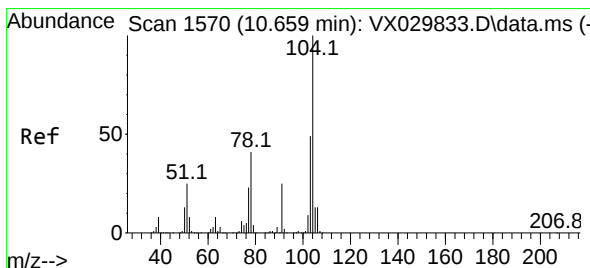
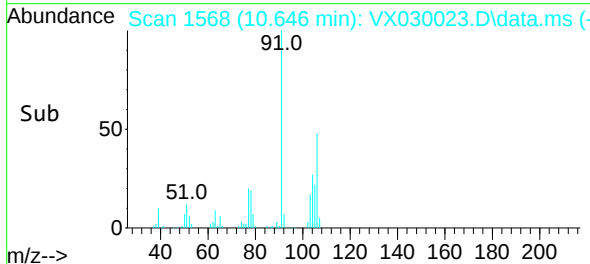
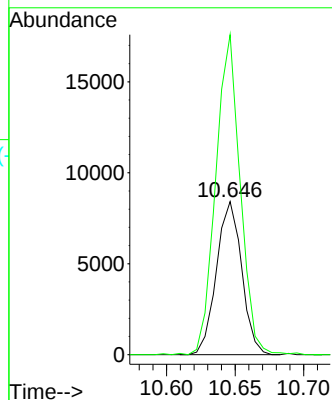
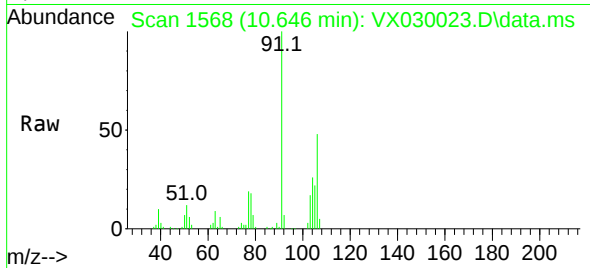
#69
o-Xylene
Concen: 2.553 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:106 Resp: 1077
Ion Ratio Lower Upper
106 100
91 202.7 103.8 311.6

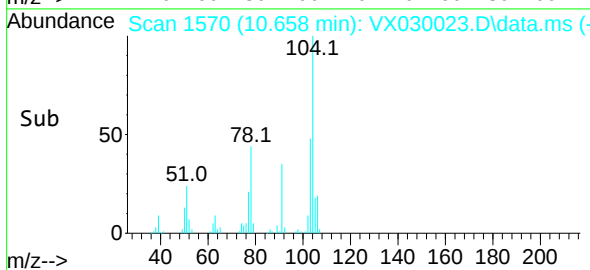
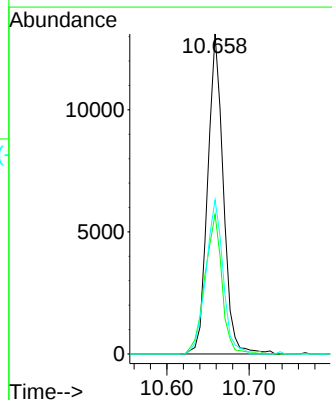
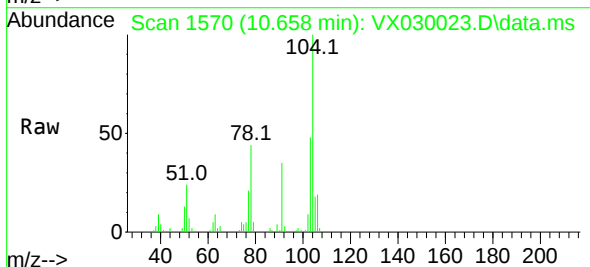
Manual Integrations
APPROVED

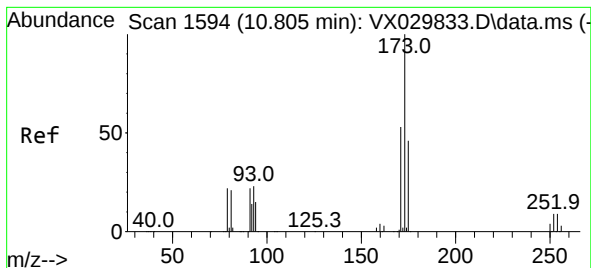
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#70
Styrene
Concen: 2.479 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. -0.001 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Tgt Ion:104 Resp: 17365
Ion Ratio Lower Upper
104 100
78 47.6 37.8 56.8
103 52.7 44.5 66.7





#71

Bromoform

Concen: 2.370 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

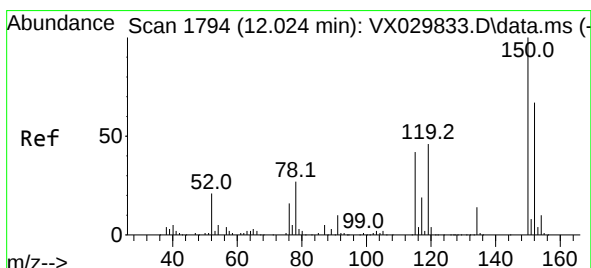
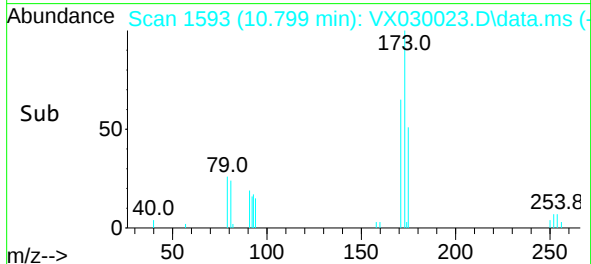
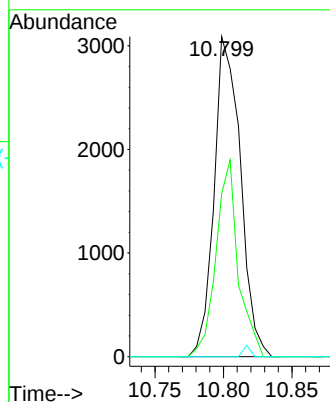
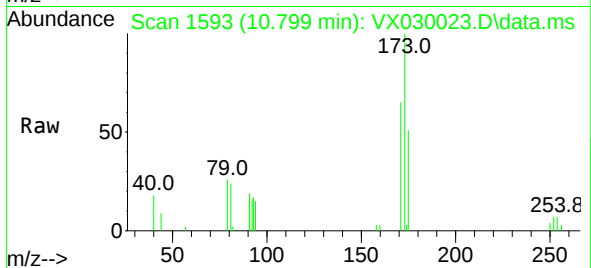
Tgt Ion:173	Resp:	411
Ion Ratio	Lower	Upper
173	100	
175	51.7	23.8 71.2
254	1.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

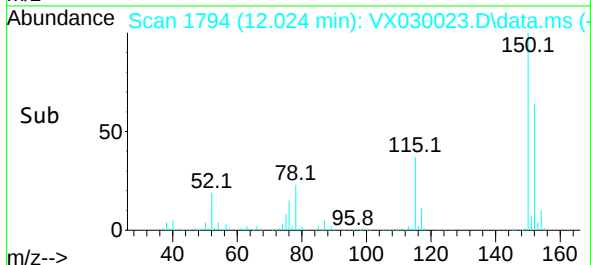
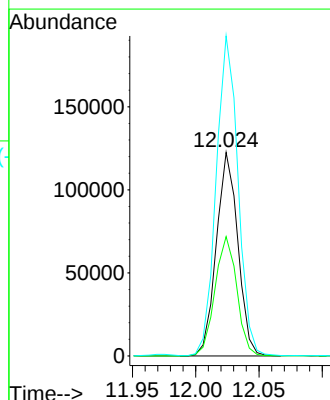
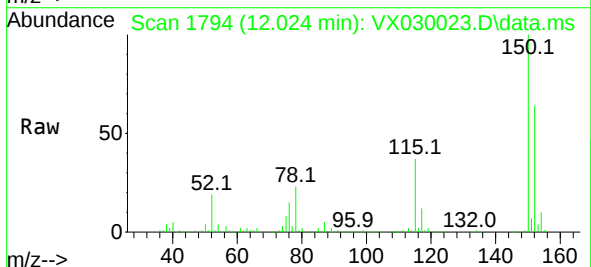
RT: 12.024 min Scan# 1794

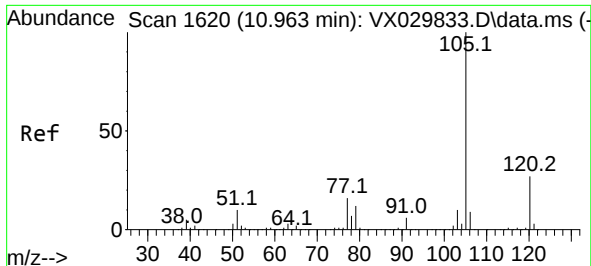
Delta R.T. 0.000 min

Lab File: VX030023.D

Acq: 12 Jul 2022 16:41

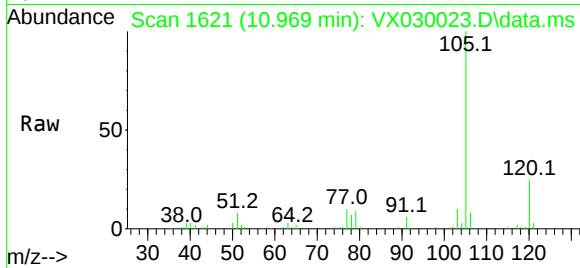
Tgt Ion:152	Resp:	144705
Ion Ratio	Lower	Upper
152	100	
115	59.7	40.5 121.5
150	159.2	0.0 347.0





#73
Isopropylbenzene
Concen: 2.681 ug/l
RT: 10.969 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

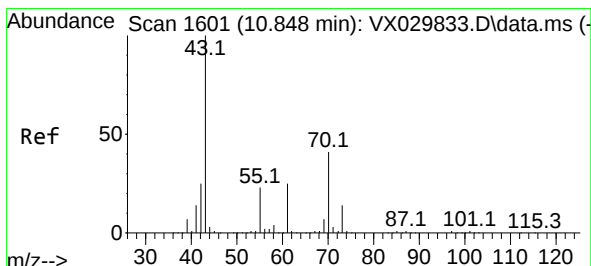
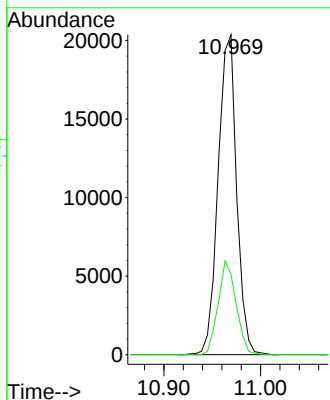
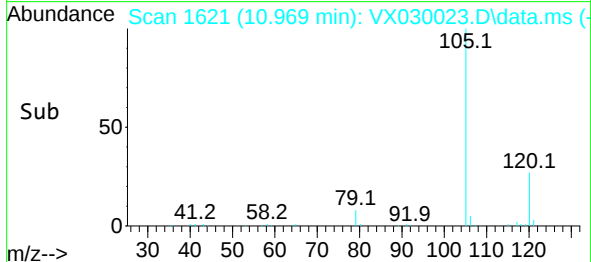
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



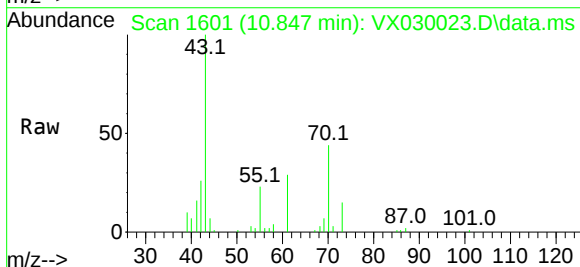
Tgt Ion:105 Resp: 27010
Ion Ratio Lower Upper
105 100
120 28.4 13.5 40.4

Manual Integrations
APPROVED

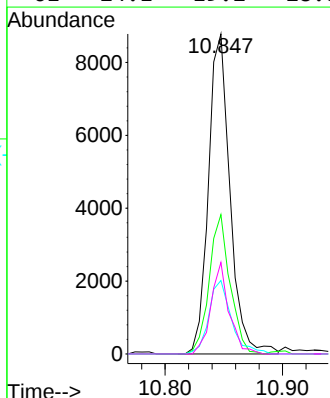
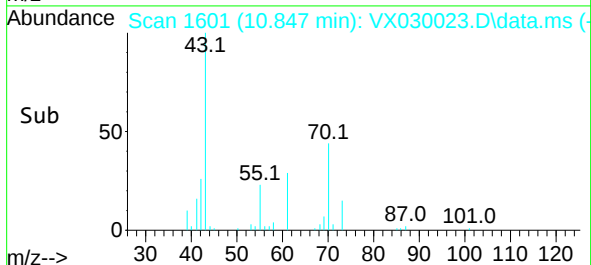
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#74
N-ethyl acetate
Concen: 2.536 ug/l
RT: 10.847 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41



Tgt Ion: 43 Resp: 11222
Ion Ratio Lower Upper
43 100
70 42.0 32.3 48.5
55 24.0 18.4 27.6
61 24.1 19.2 28.8





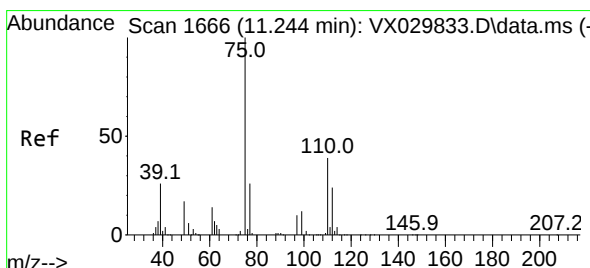
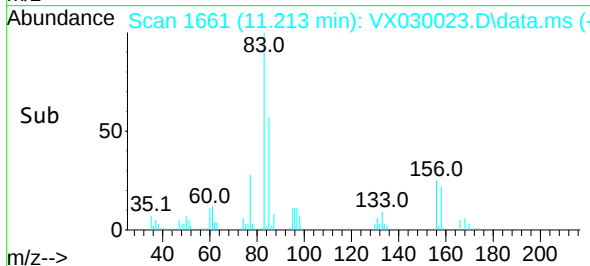
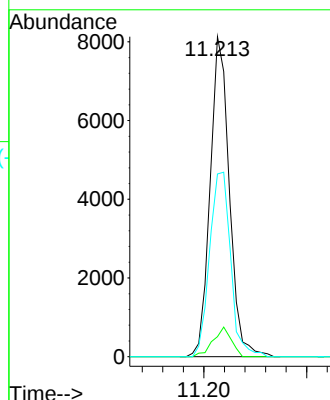
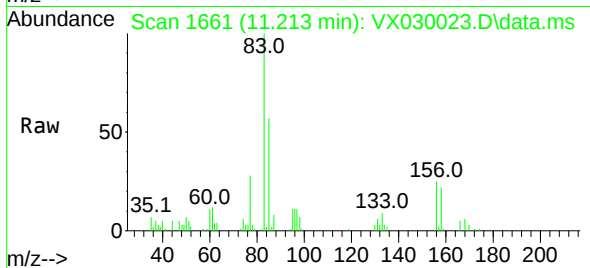
#75
1,1,2,2-Tetrachloroethane
Concen: 2.900 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 83 Resp: 1054
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.7
85 63.1 32.5 97.5

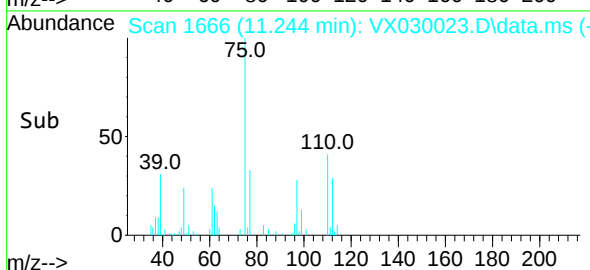
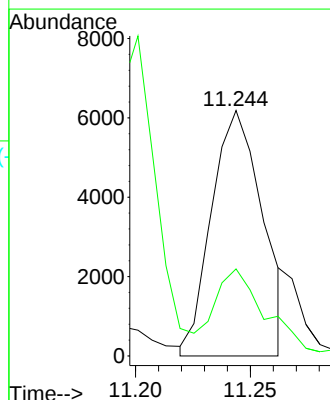
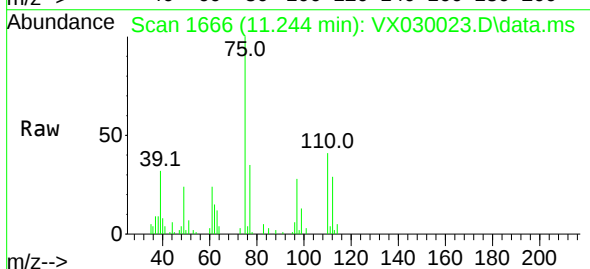
Manual Integrations
APPROVED

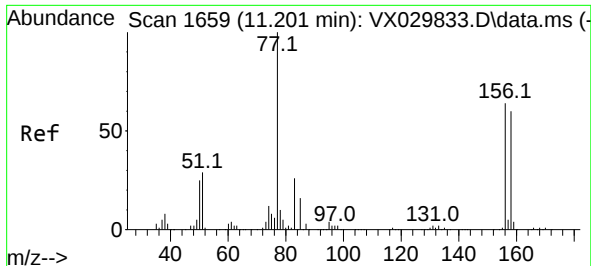
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#76
1,2,3-Trichloropropane
Concen: 2.878 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

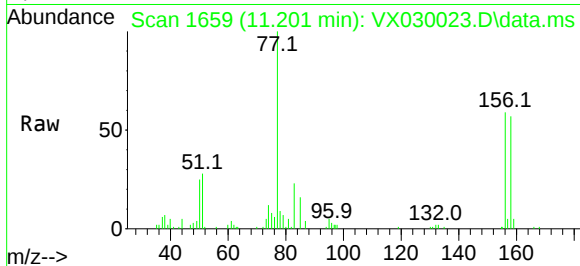
Tgt Ion: 75 Resp: 9574
Ion Ratio Lower Upper
75 100
77 35.9 19.8 59.3





#77
Bromobenzene
Concen: 2.638 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

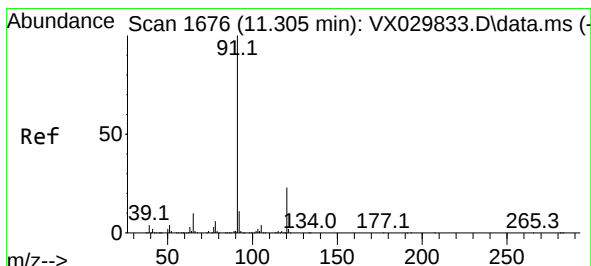
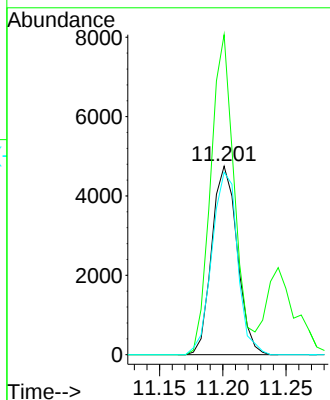
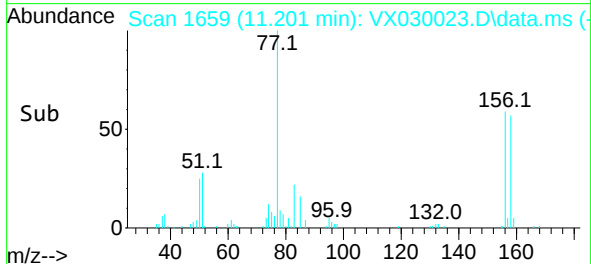
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



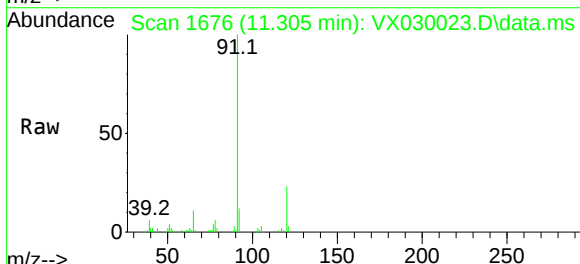
Tgt Ion:156 Resp: 6650
Ion Ratio Lower Upper
156 100
77 157.3 82.7 247.9
158 97.8 47.5 142.5

Manual Integrations
APPROVED

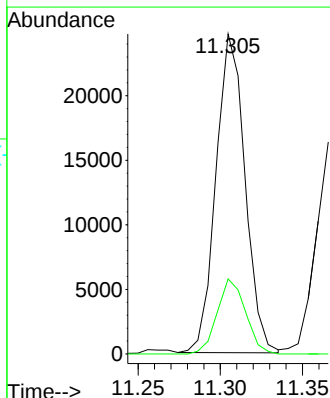
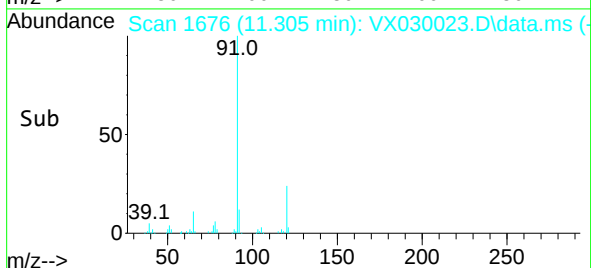
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

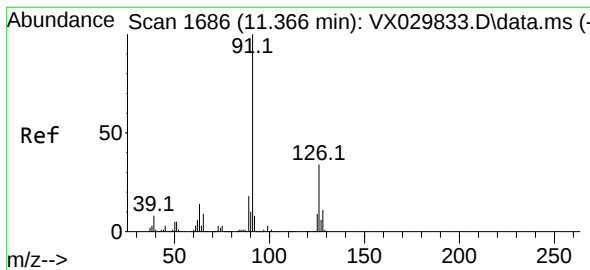


#78
n-propylbenzene
Concen: 2.537 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41



Tgt Ion: 91 Resp: 30327
Ion Ratio Lower Upper
91 100
120 22.9 11.6 34.8





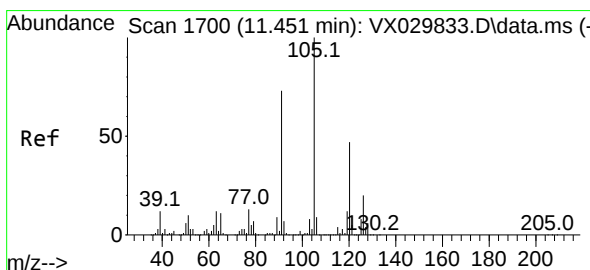
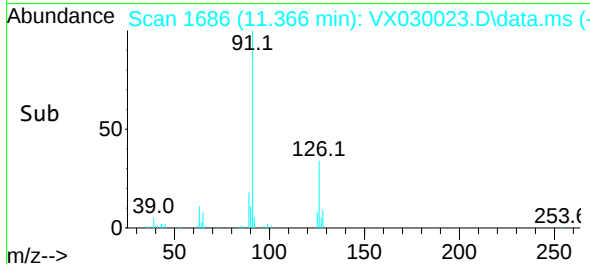
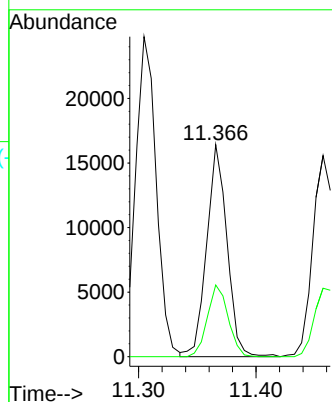
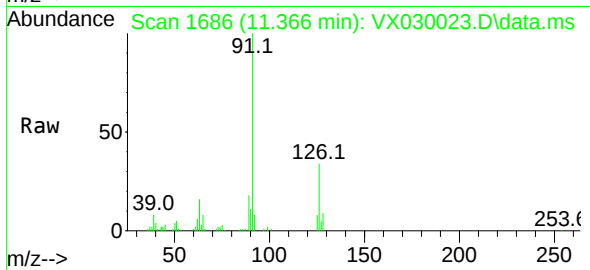
#79
2-Chlorotoluene
Concen: 2.755 ug/l
RT: 11.366 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 91 Resp: 19724
Ion Ratio Lower Upper
91 100
126 34.6 17.4 52.3

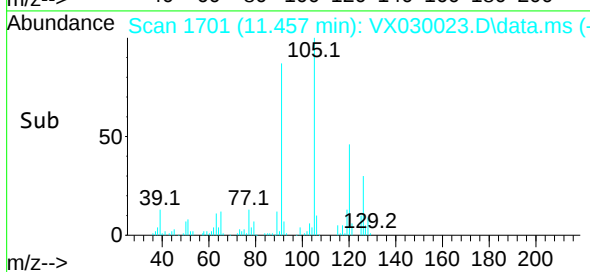
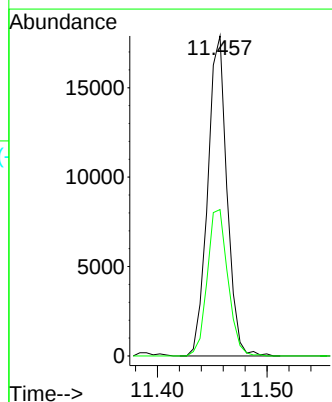
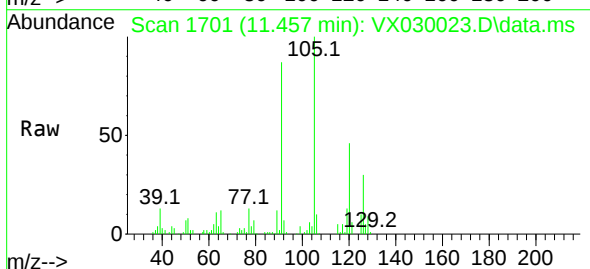
Manual Integrations
APPROVED

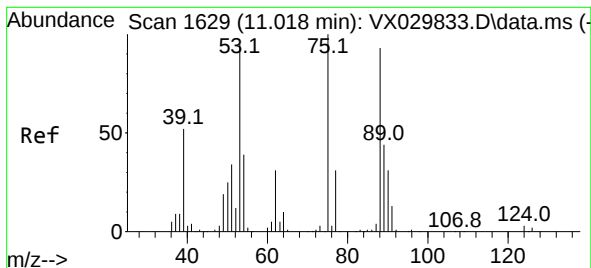
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.572 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Tgt Ion:105 Resp: 21839
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.2





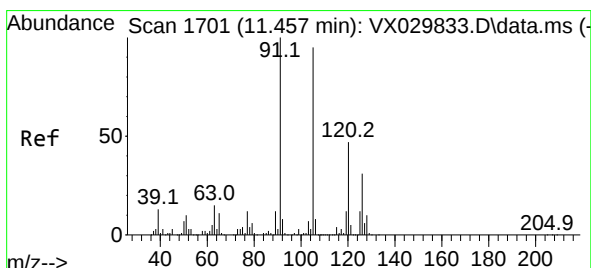
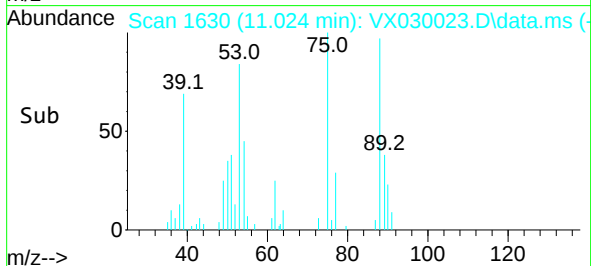
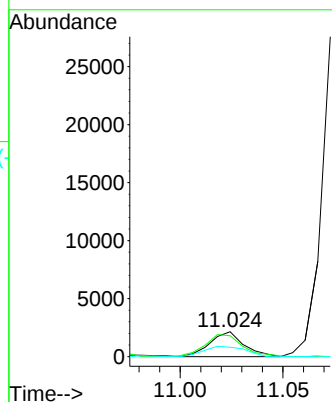
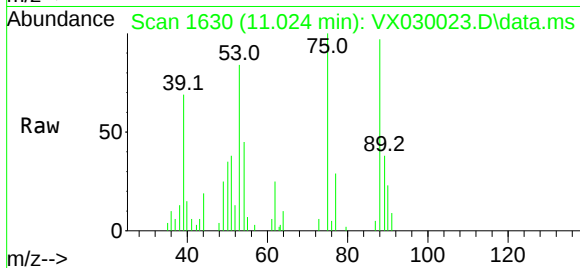
#81
trans-1,4-Dichloro-2-butene
Concen: 2.132 ug/l
RT: 11.024 min Scan# 1629
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 75 Resp: 2458
Ion Ratio Lower Upper
75 100
53 99.1 74.2 111.4
89 50.9 34.8 52.2

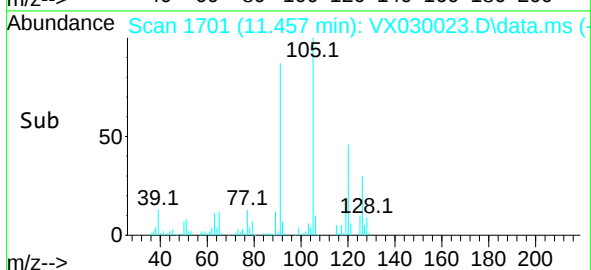
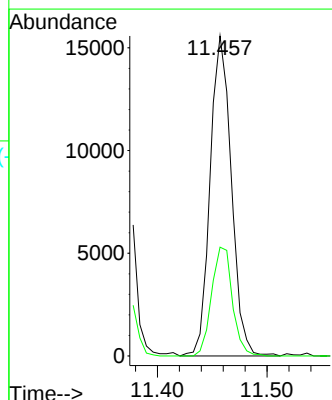
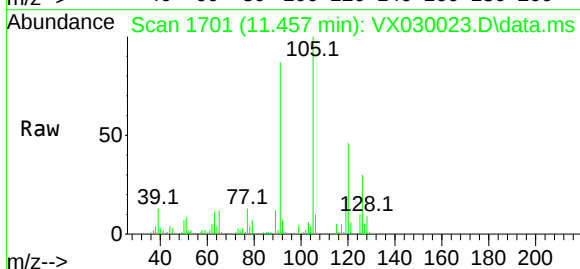
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#82
4-Chlorotoluene
Concen: 2.614 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Tgt Ion: 91 Resp: 20968
Ion Ratio Lower Upper
91 100
126 33.4 15.3 45.9





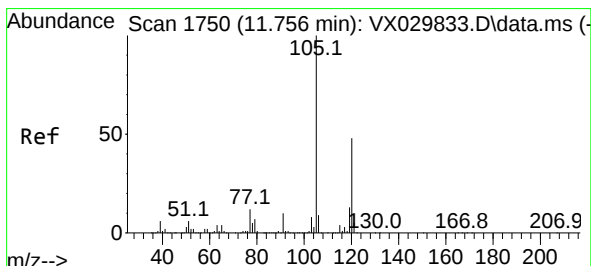
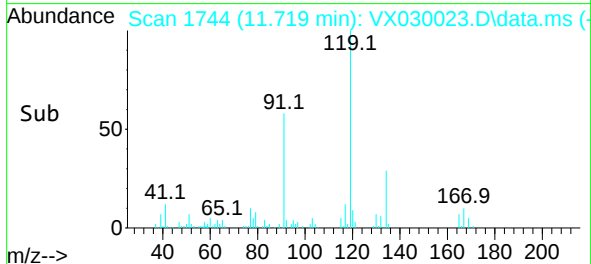
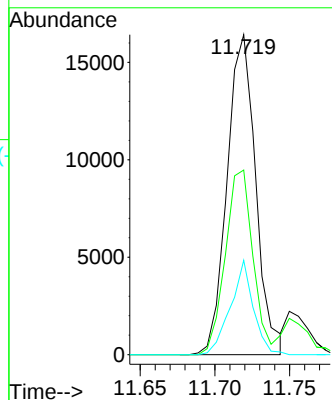
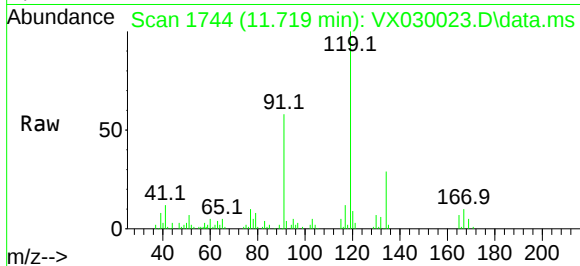
#83
tert-Butylbenzene
Concen: 2.690 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:119 Resp: 2190
Ion Ratio Lower Upper
119 100
91 55.5 28.3 84.9
134 23.5 11.2 33.5

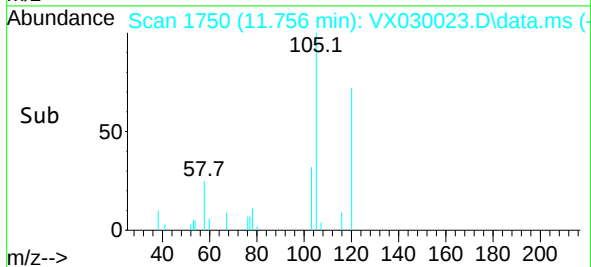
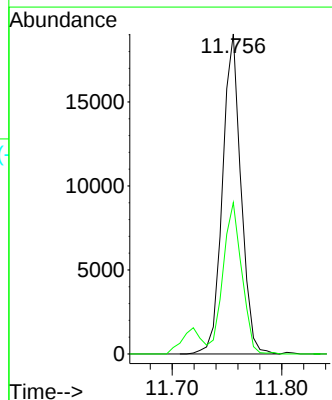
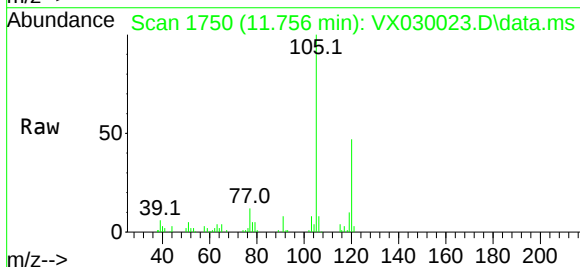
Manual Integrations
APPROVED

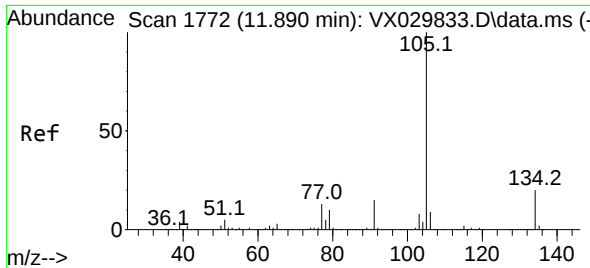
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#84
1,2,4-Trimethylbenzene
Concen: 2.652 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Tgt Ion:105 Resp: 22269
Ion Ratio Lower Upper
105 100
120 48.1 22.9 68.8





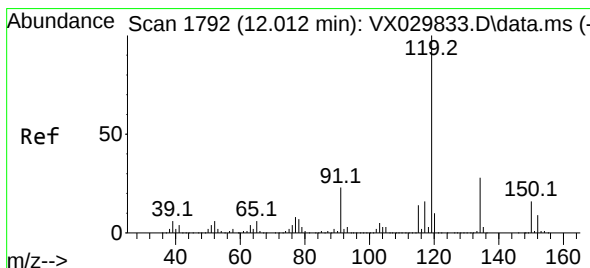
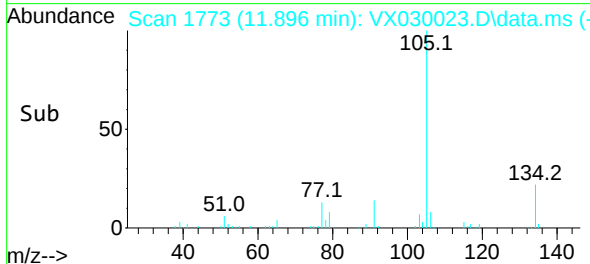
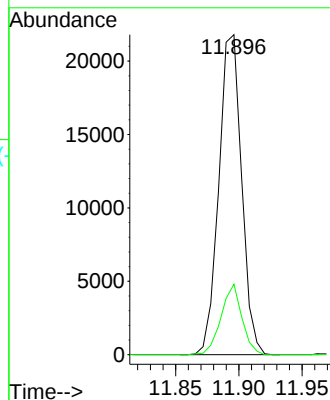
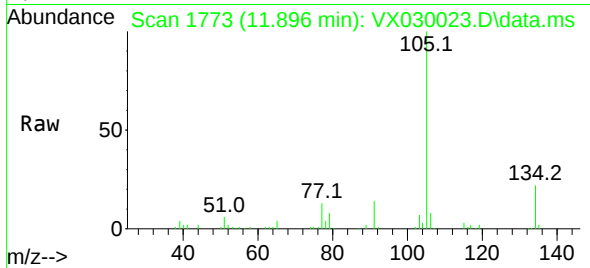
#85
 sec-Butylbenzene
 Concen: 2.532 ug/l
 RT: 11.896 min Scan# 11896
 Delta R.T. 0.006 min
 Lab File: VX030023.D
 Acq: 12 Jul 2022 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Tgt Ion:105 Resp: 27250
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0

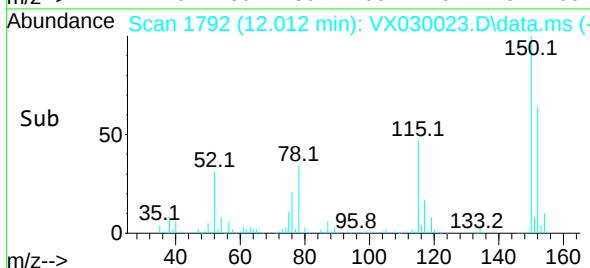
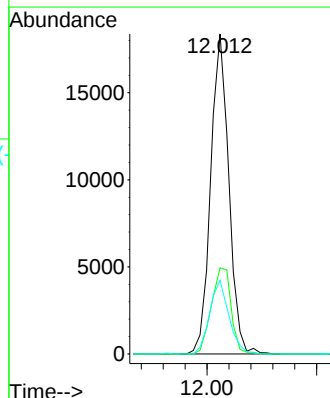
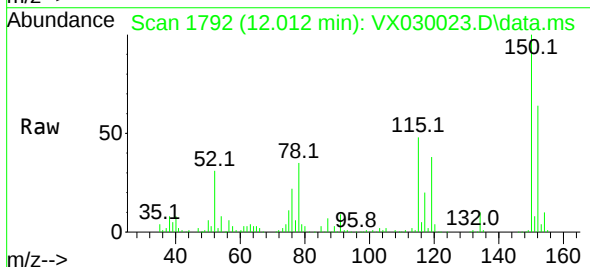
Manual Integrations
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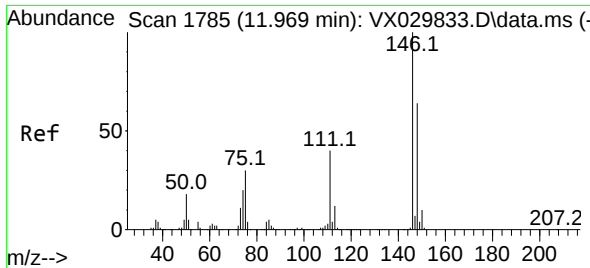
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#86
 p-Isopropyltoluene
 Concen: 2.438 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX030023.D
 Acq: 12 Jul 2022 16:41

Tgt Ion:119 Resp: 21056
 Ion Ratio Lower Upper
 119 100
 134 29.4 13.9 41.6
 91 24.5 11.8 35.3





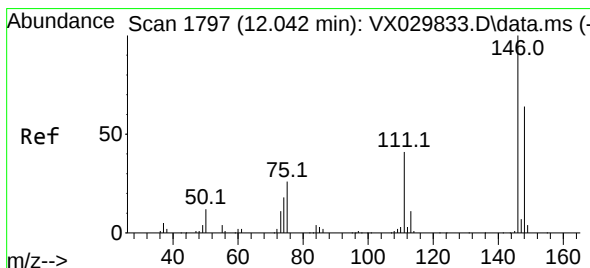
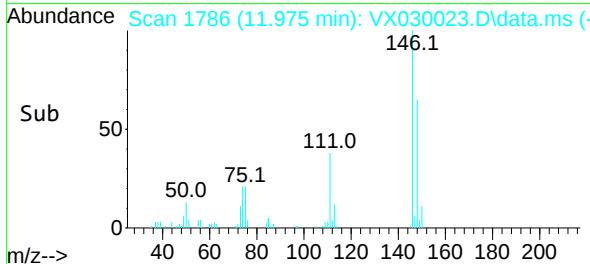
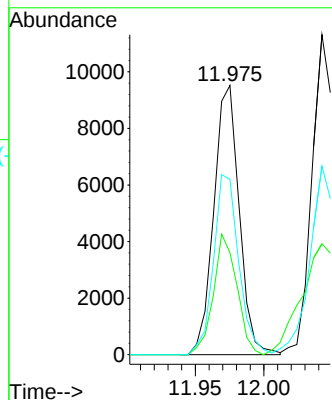
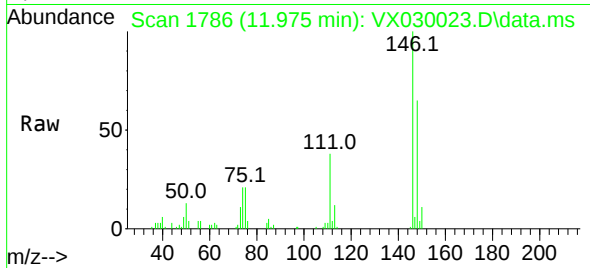
#87
1,3-Dichlorobenzene
Concen: 2.636 ug/l
RT: 11.975 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:146 Resp: 1227
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.8
148 66.6 31.8 95.3

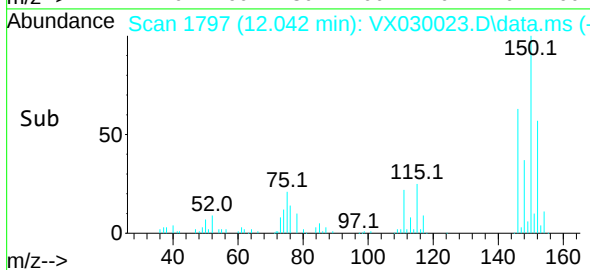
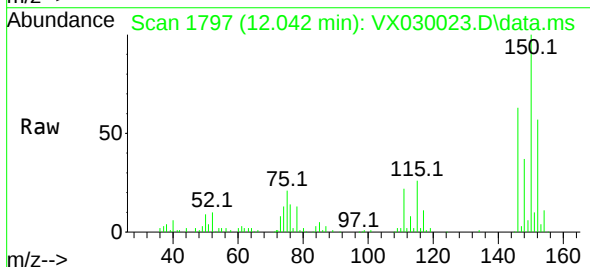
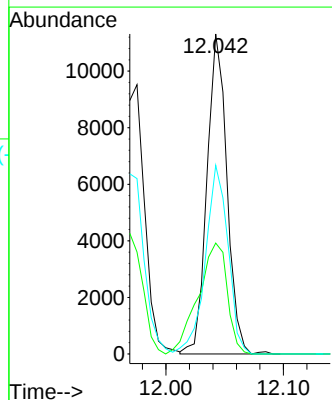
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#88
1,4-Dichlorobenzene
Concen: 2.795 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

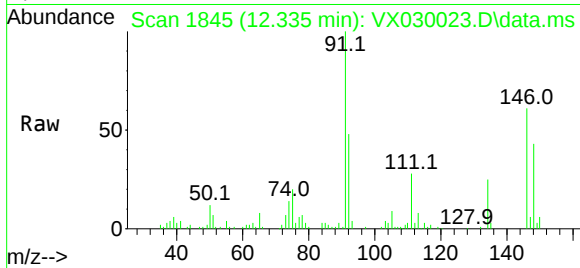
Tgt Ion:146 Resp: 13359
Ion Ratio Lower Upper
146 100
111 50.6 20.3 60.9
148 66.8 32.3 96.8





#89
n-Butylbenzene
Concen: 2.433 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

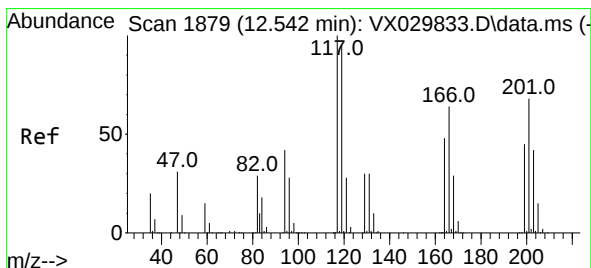
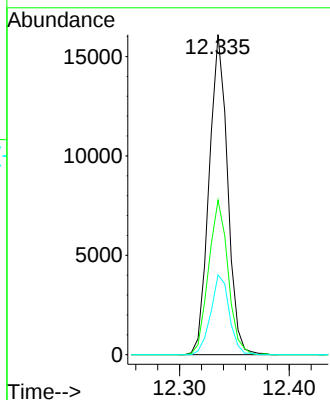
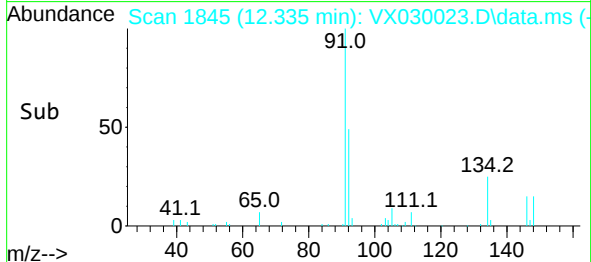
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 91 Resp: 1882
Ion Ratio Lower Upper
91 100
92 51.0 26.2 78.5
134 25.1 12.6 37.8

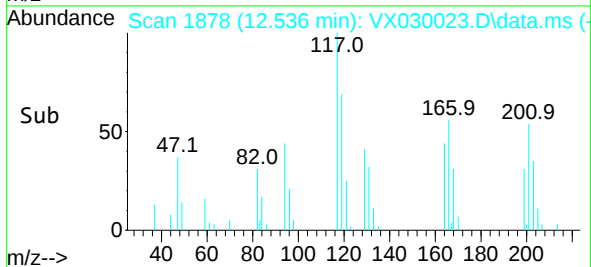
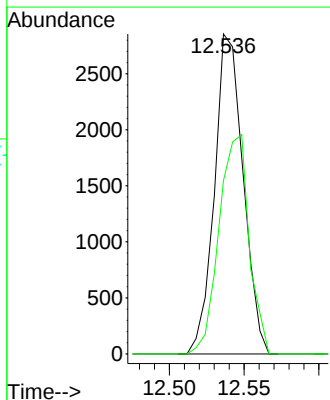
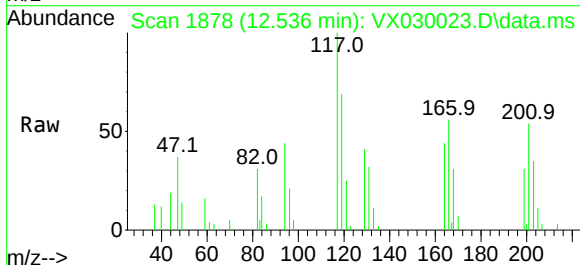
Manual Integrations
APPROVED

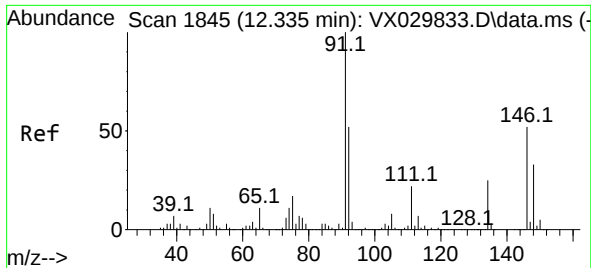
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#90
Hexachloroethane
Concen: 2.580 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

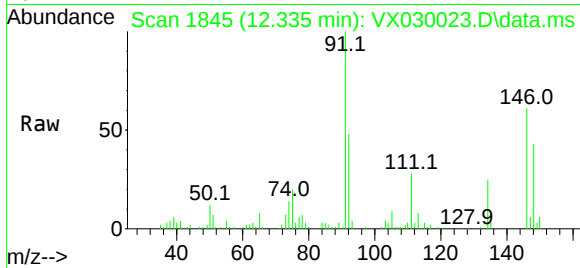
Tgt Ion:117 Resp: 3808
Ion Ratio Lower Upper
117 100
201 71.7 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 2.763 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

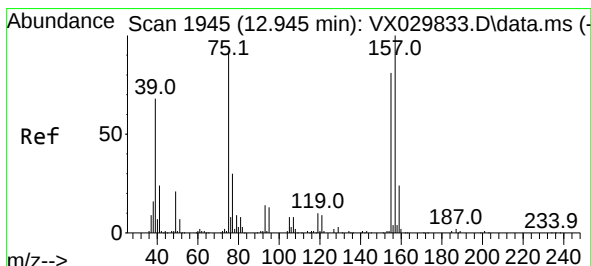
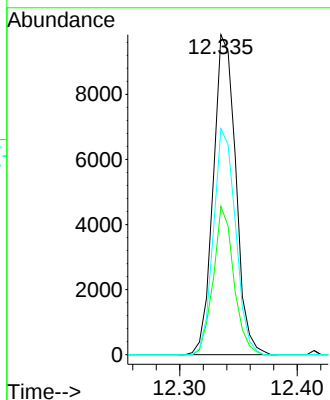
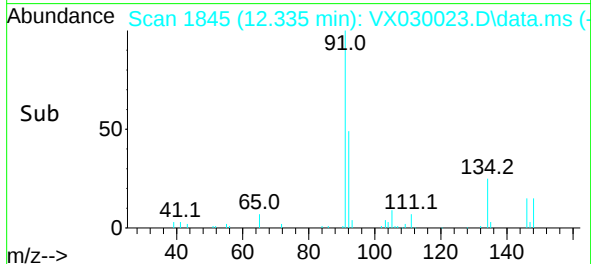
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



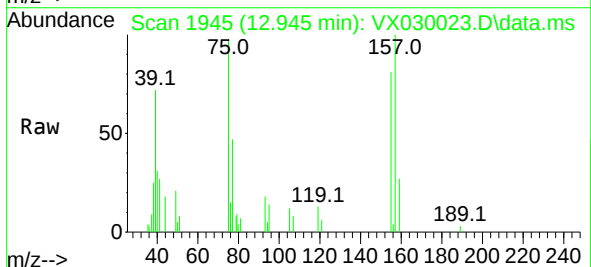
Tgt Ion:146 Resp: 13070
Ion Ratio Lower Upper
146 100
111 42.3 20.7 62.1
148 69.3 32.0 96.2

Manual Integrations
APPROVED

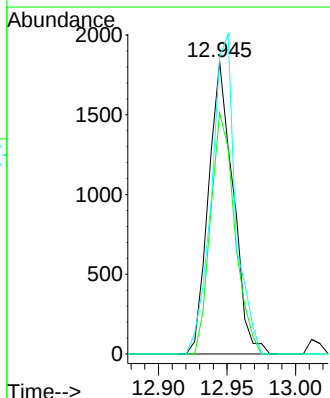
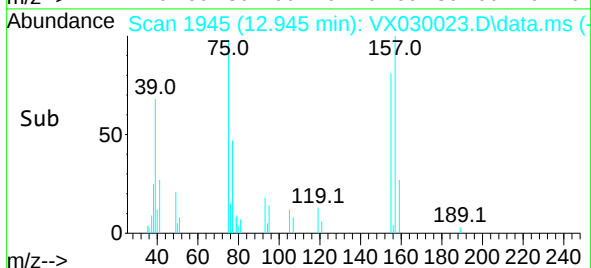
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.760 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41



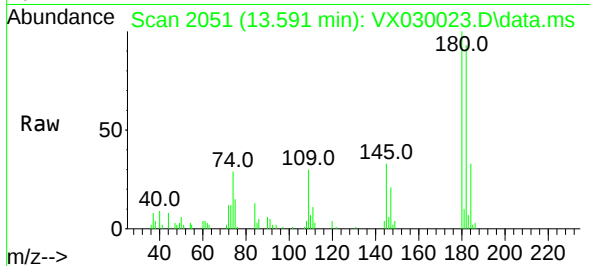
Tgt Ion: 75 Resp: 2291
Ion Ratio Lower Upper
75 100
155 80.8 45.0 134.8
157 106.3 56.9 170.7





#93
1,2,4-Trichlorobenzene
Concen: 2.613 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

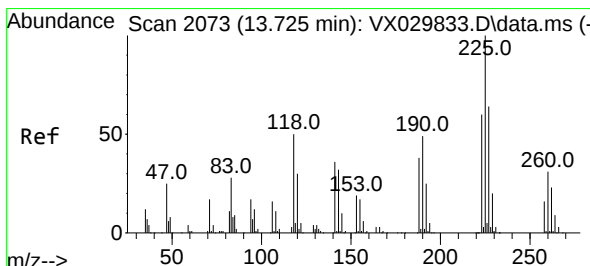
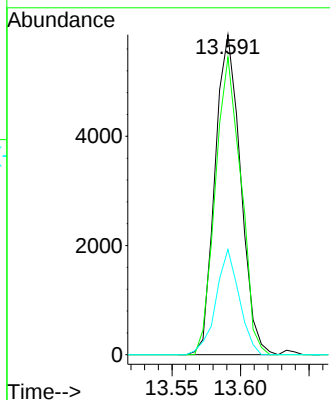
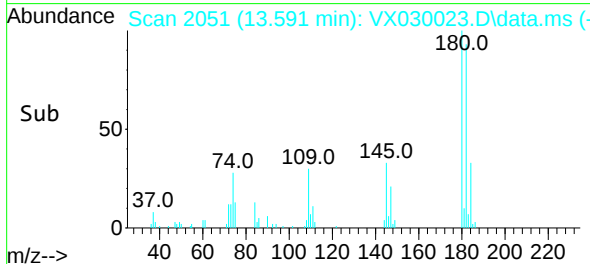
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



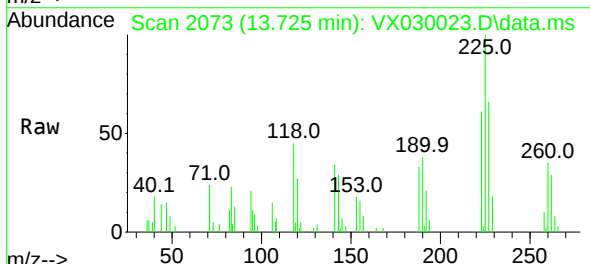
Tgt Ion:180 Resp: 7590
Ion Ratio Lower Upper
180 100
182 93.0 48.2 144.6
145 30.0 15.9 47.6

Manual Integrations
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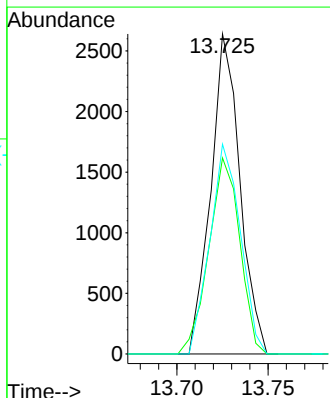
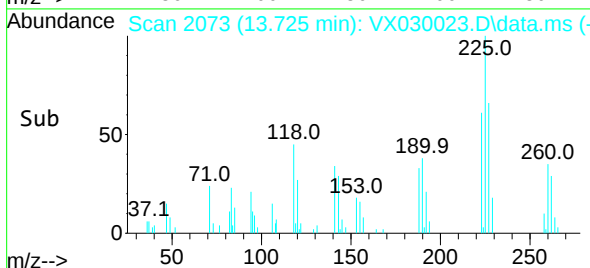
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

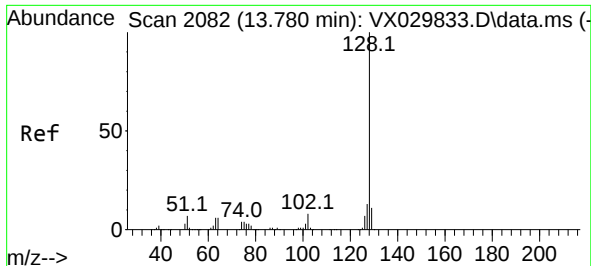


#94
Hexachlorobutadiene
Concen: 2.524 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41



Tgt Ion:225 Resp: 2929
Ion Ratio Lower Upper
225 100
223 65.2 30.6 91.6
227 68.7 31.9 95.9





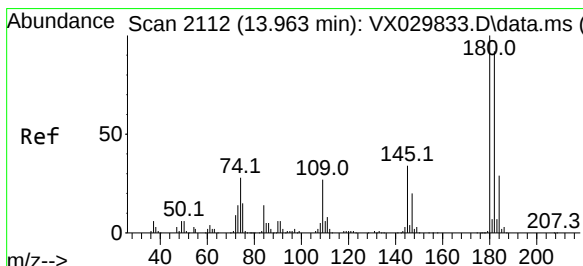
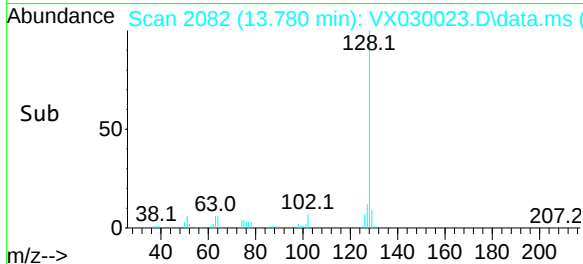
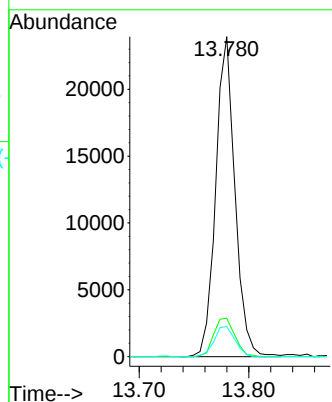
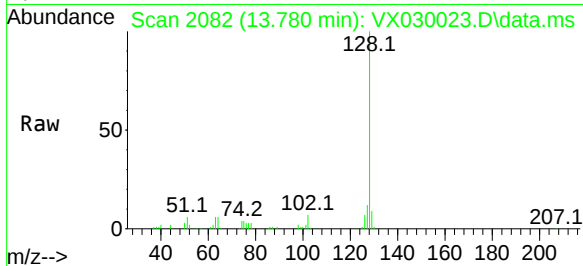
#95
Naphthalene
Concen: 2.524 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:128 Resp: 29119
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 10.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.690 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX030023.D
Acq: 12 Jul 2022 16:41

Tgt Ion:180 Resp: 7955
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.0
145 31.8 17.0 50.9

