

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034212.D
 Acq On : 21 Feb 2023 16:17
 Operator : JC/MD
 Sample : 01627-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Quant Time: Feb 22 03:00:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 02:40:46 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	325031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	535720	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	472226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	192599	43.999	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.000%		
35) Dibromofluoromethane	5.385	113	165958	47.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.160%		
50) Toluene-d8	8.647	98	611207	48.806	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.620%		
62) 4-Bromofluorobenzene	11.079	95	213919	44.657	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	6506	2.316	ug/l	97
3) Chloromethane	1.300	50	9545	2.362	ug/l	92
4) Vinyl Chloride	1.374	62	9696	2.634	ug/l	99
5) Bromomethane	1.605	94	6535	4.474	ug/l	91
6) Chloroethane	1.685	64	6154	3.326	ug/l	100
7) Trichlorofluoromethane	1.886	101	14155	2.842	ug/l	100
8) Diethyl Ether	2.136	74	5542	2.762	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	8054	2.297	ug/l	95
10) Methyl Iodide	2.453	142	7455	1.746	ug/l	93
11) Tert butyl alcohol	2.953	59	14742	15.057	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	8360	2.378	ug/l	92
13) Acrolein	2.239	56	6700	14.991	ug/l	91
14) Allyl chloride	2.666	41	16201	2.172	ug/l	88
15) Acrylonitrile	3.068	53	25220	11.808	ug/l	99
16) Acetone	2.380	43	23322	10.328	ug/l	93
17) Carbon Disulfide	2.514	76	21297	2.107	ug/l #	94
18) Methyl Acetate	2.703	43	14352	2.054	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	29397	2.369	ug/l	95
20) Methylene Chloride	2.788	84	10159	2.497	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	8850	2.402	ug/l	92
22) Diisopropyl ether	3.763	45	31929	2.442	ug/l	91
23) Vinyl Acetate	3.727	43	121544	11.604	ug/l	99
24) 1,1-Dichloroethane	3.617	63	16119	2.246	ug/l	97
25) 2-Butanone	4.568	43	35349	10.819	ug/l #	89
26) 2,2-Dichloropropane	4.477	77	14179	2.181	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	10256	2.351	ug/l	97
28) Bromochloromethane	4.897	49	7515	2.347	ug/l #	90
29) Tetrahydrofuran	5.013	42	23336	11.708	ug/l	99
30) Chloroform	5.099	83	15868	2.302	ug/l	95
31) Cyclohexane	5.464	56	14406	2.204	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	14420	2.334	ug/l	97
36) 1,1-Dichloropropene	5.702	75	12309	2.386	ug/l	97
37) Ethyl Acetate	4.727	43	13083	2.269	ug/l	96
38) Carbon Tetrachloride	5.684	117	12193	2.297	ug/l	97
39) Methylcyclohexane	7.379	83	13756	2.072	ug/l	88
40) Benzene	6.044	78	35418	2.317	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	7068m	2.200	ug/l	
42) 1,2-Dichloroethane	6.092	62	12366	2.300	ug/l	99
43) Isopropyl Acetate	6.342	43	22792	2.240	ug/l	98
44) Trichloroethene	7.135	130	9153	2.333	ug/l	96
45) 1,2-Dichloropropane	7.434	63	9158	2.250	ug/l	97
46) Dibromomethane	7.586	93	6162	2.301	ug/l	86
47) Bromodichloromethane	7.824	83	11894	2.164	ug/l #	98
48) Methyl methacrylate	7.696	41	11067	2.292	ug/l	98
49) 1,4-Dioxane	7.665	88	4262	44.251	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	68698	12.274	ug/l	99
52) Toluene	8.720	92	21829	2.357	ug/l	95
53) t-1,3-Dichloropropene	8.982	75	13172	2.082	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	14324	2.115	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	9036	2.417	ug/l	96
56) Ethyl methacrylate	9.122	69	14025	2.217	ug/l	98
57) 1,3-Dichloropropane	9.311	76	15479	2.380	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	33678	12.292	ug/l	96
59) 2-Hexanone	9.433	43	50008	11.723	ug/l	98
60) Dibromochloromethane	9.525	129	9299	2.251	ug/l	94
61) 1,2-Dibromoethane	9.610	107	9179	2.321	ug/l	98
64) Tetrachloroethene	9.275	164	8332	2.500	ug/l	95
65) Chlorobenzene	10.079	112	23844	2.422	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	8397	2.204	ug/l	96
67) Ethyl Benzene	10.195	91	40578	2.295	ug/l	99
68) m/p-Xylenes	10.299	106	30788	4.549	ug/l	95
69) o-Xylene	10.640	106	15712	2.332	ug/l	97
70) Styrene	10.659	104	24239	2.212	ug/l	97
71) Bromoform	10.799	173	6375	2.050	ug/l #	95
73) Isopropylbenzene	10.963	105	38319	2.326	ug/l	98
74) N-amyl acetate	10.841	43	18161	2.194	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	13342	2.368	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	13255m	2.437	ug/l	
77) Bromobenzene	11.201	156	10256	2.587	ug/l	90
78) n-propylbenzene	11.305	91	43020	2.245	ug/l	99
79) 2-Chlorotoluene	11.366	91	27929	2.377	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	32571	2.352	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	4008	1.893	ug/l	99
82) 4-Chlorotoluene	11.457	91	30900	2.309	ug/l	96
83) tert-Butylbenzene	11.713	119	33492	2.361	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	31111	2.222	ug/l	96
85) sec-Butylbenzene	11.890	105	39107	2.270	ug/l	100
86) p-Isopropyltoluene	12.012	119	32302	2.266	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	17833	2.399	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	18112	2.415	ug/l	87
89) n-Butylbenzene	12.335	91	26065	2.053	ug/l	97
90) Hexachloroethane	12.536	117	6151	2.064	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	17417	2.394	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2570	1.913	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	10415	2.230	ug/l	96
94) Hexachlorobutadiene	13.725	225	4109	2.122	ug/l	96
95) Naphthalene	13.780	128	34601	2.199	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	10206	2.201	ug/l	99

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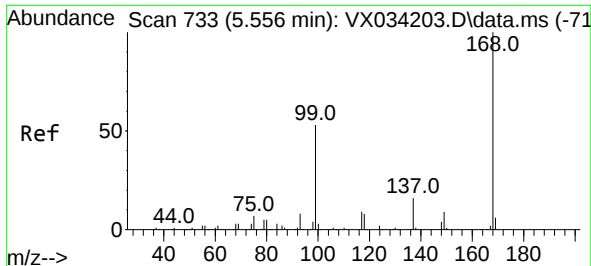
Manual Integrations
APPROVED

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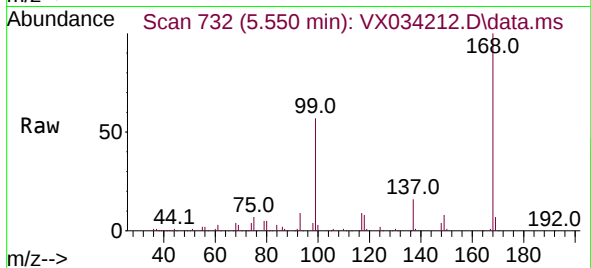
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034212.D
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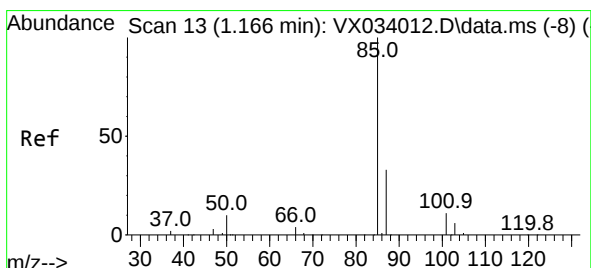
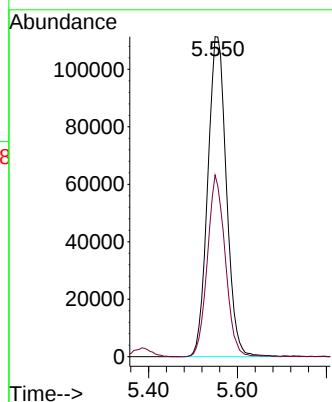
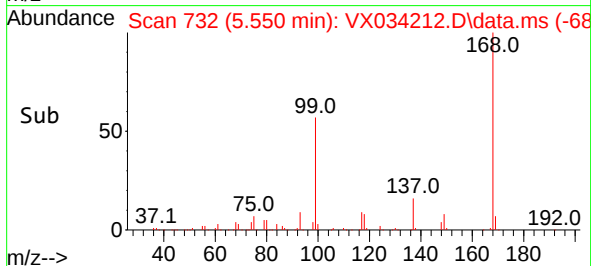
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:168 Resp: 32503
Ion Ratio Lower Upper
168 100
99 56.8 39.6 59.4

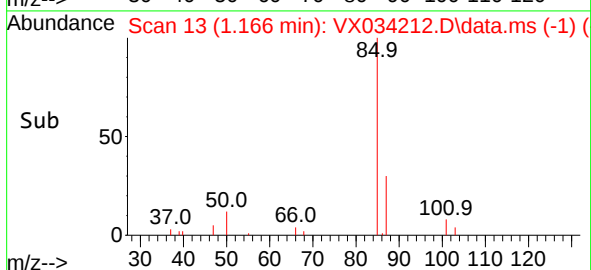
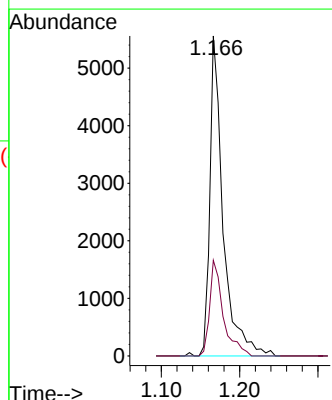
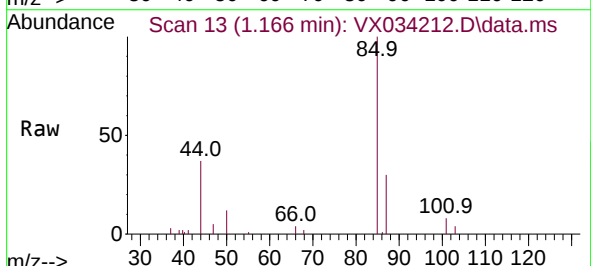
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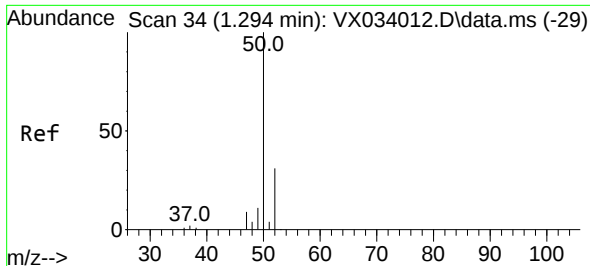
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#2
Dichlorodifluoromethane
Concen: 2.316 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion: 85 Resp: 6506
Ion Ratio Lower Upper
85 100
87 29.9 15.8 47.4





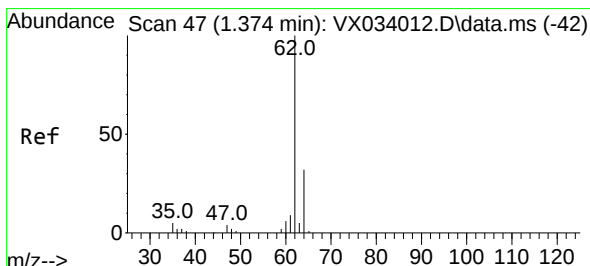
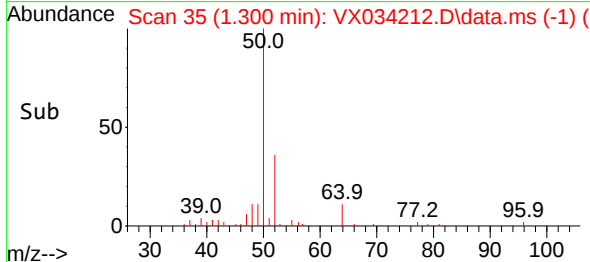
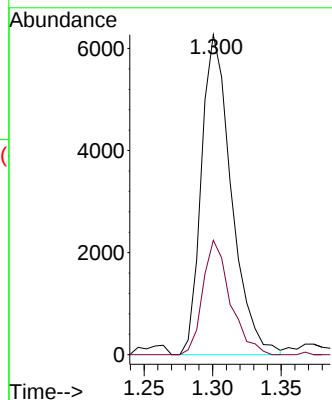
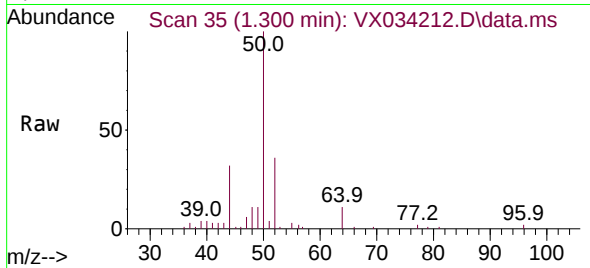
#3
Chloromethane
Concen: 2.362 ug/l
RT: 1.300 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 50 Resp: 954
Ion Ratio Lower Upper
50 100
52 35.7 25.2 37.8

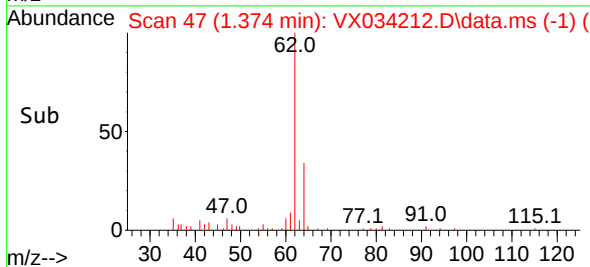
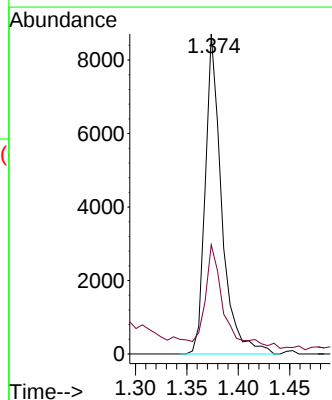
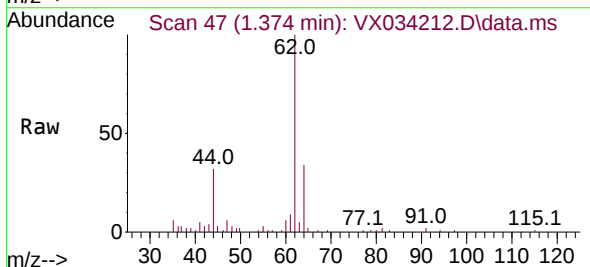
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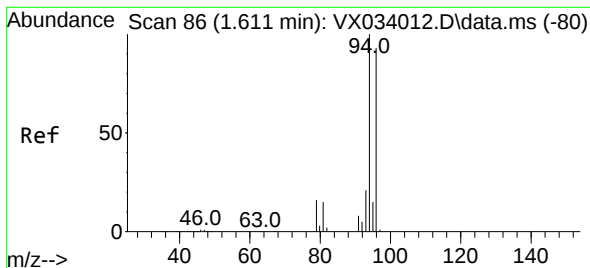
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#4
Vinyl Chloride
Concen: 2.634 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion: 62 Resp: 9696
Ion Ratio Lower Upper
62 100
64 32.3 26.2 39.4





#5

Bromomethane

Concen: 4.474 ug/l

RT: 1.605 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 94 Resp: 653

Ion Ratio Lower Upper

94 100

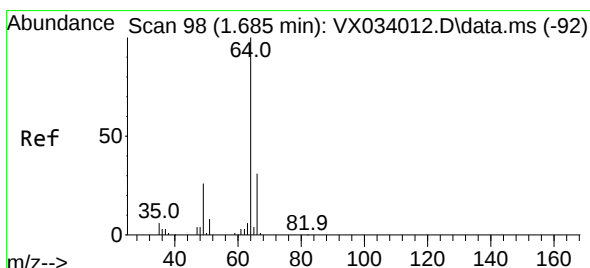
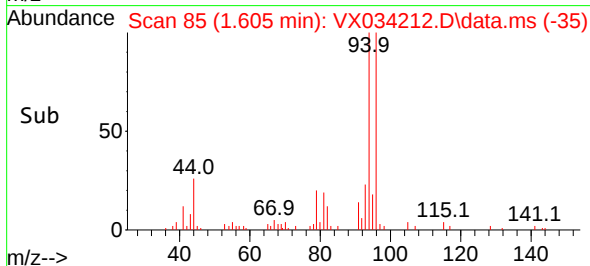
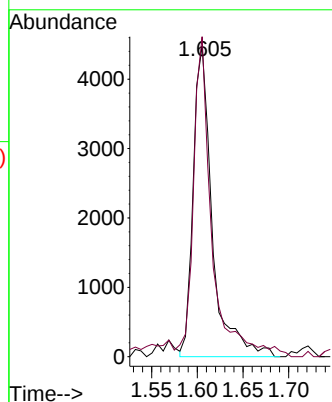
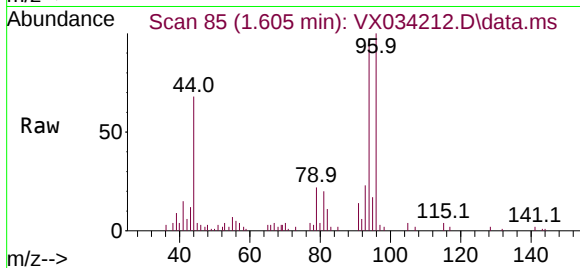
96 101.2 74.3 111.5

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Supervised By :Mahesh Dadoda 02/22/2023



#6

Chloroethane

Concen: 3.326 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.000 min

Lab File: VX034212.D

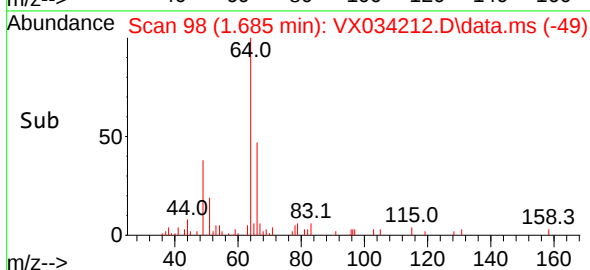
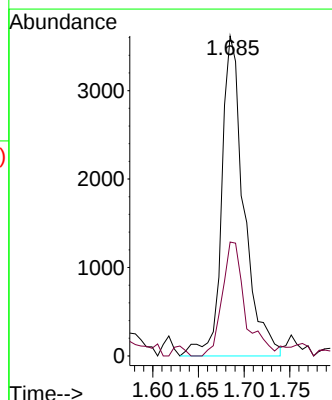
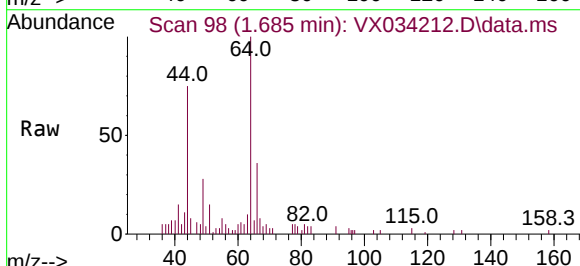
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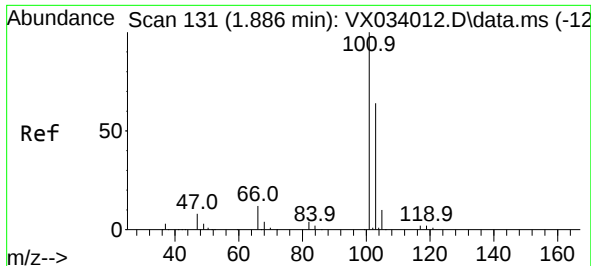
Tgt Ion: 64 Resp: 6154

Ion Ratio Lower Upper

64 100

66 32.5 26.1 39.1





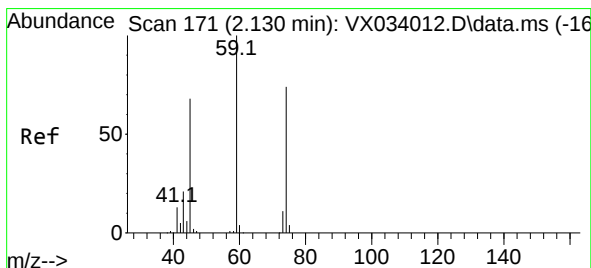
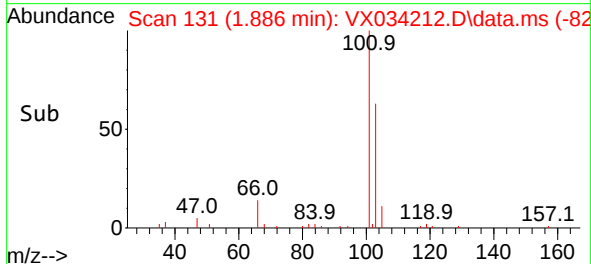
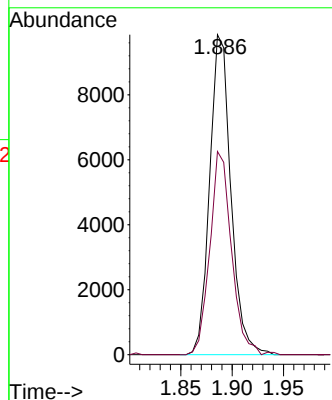
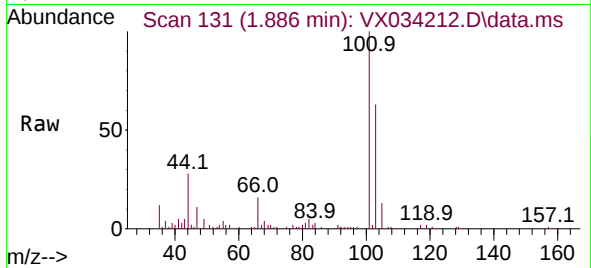
#7
Trichlorofluoromethane
Concen: 2.842 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:101 Resp: 1415
Ion Ratio Lower Upper
101 100
103 63.5 50.6 75.8

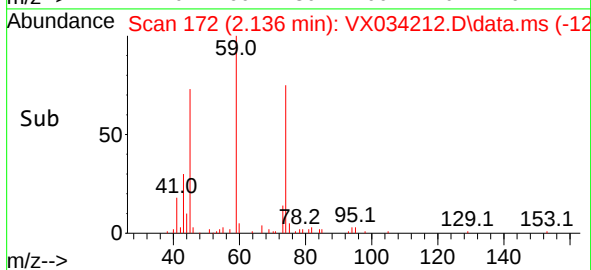
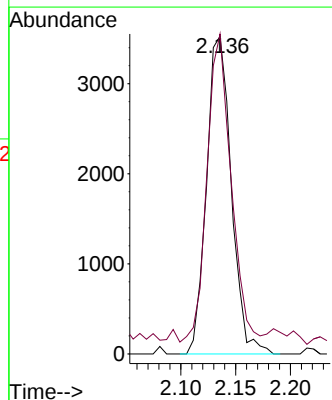
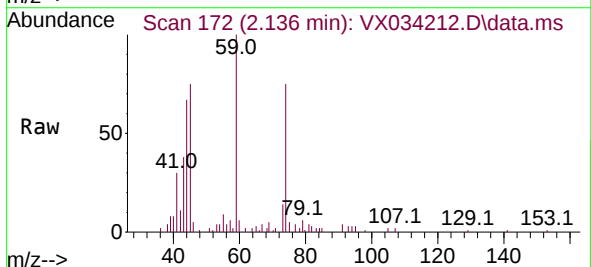
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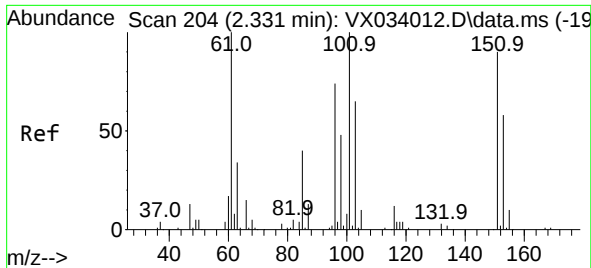
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#8
Diethyl Ether
Concen: 2.762 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion: 74 Resp: 5542
Ion Ratio Lower Upper
74 100
45 93.8 51.5 154.5





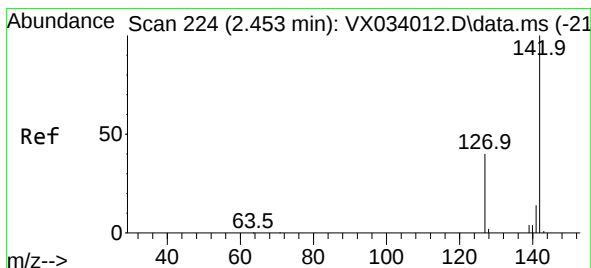
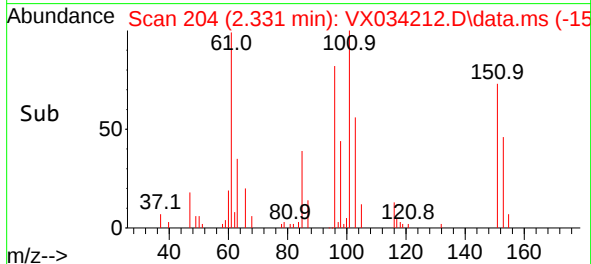
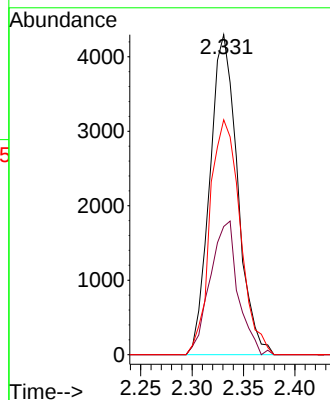
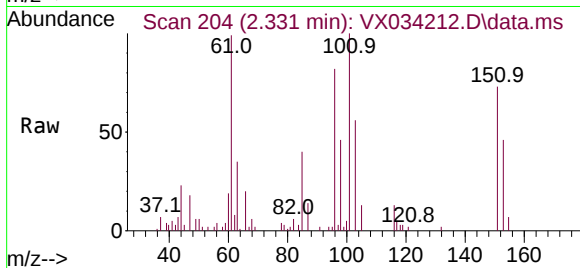
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.297 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:101 Resp: 8054
Ion Ratio Lower Upper
101 100
85 42.1 36.7 55.1
151 79.6 66.5 99.7

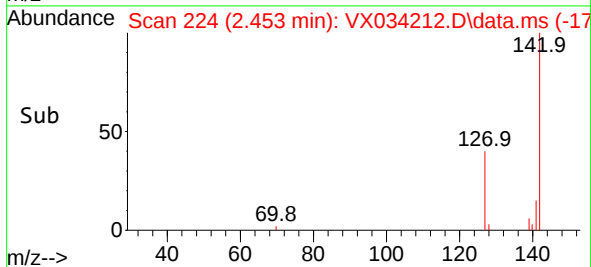
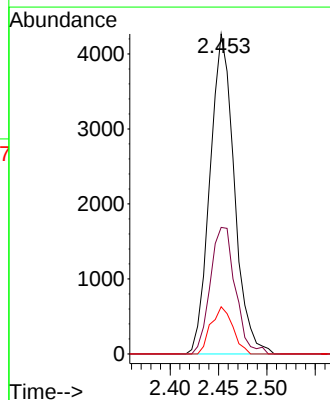
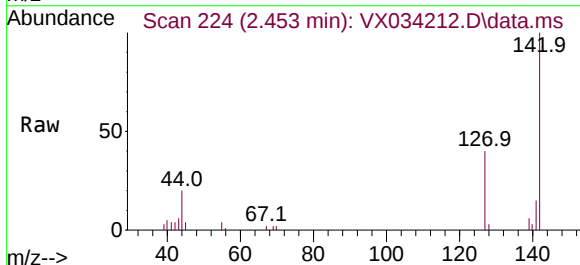
Manual Integrations
APPROVED

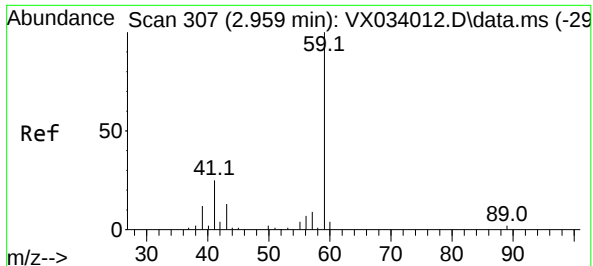
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#10
Methyl Iodide
Concen: 1.746 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion:142 Resp: 7455
Ion Ratio Lower Upper
142 100
127 40.8 37.3 55.9
141 13.2 11.5 17.3





#11

Tert butyl alcohol

Concen: 15.057 ug/l

RT: 2.953 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 59 Resp: 1474

Ion Ratio Lower Upper

59 100

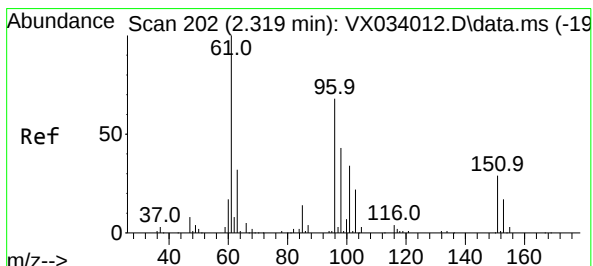
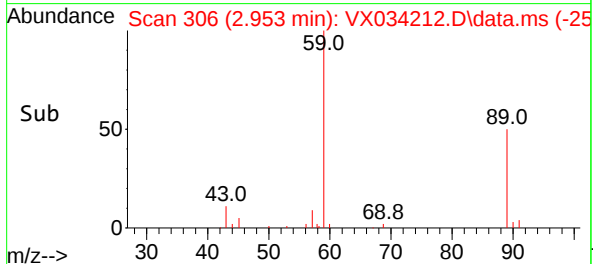
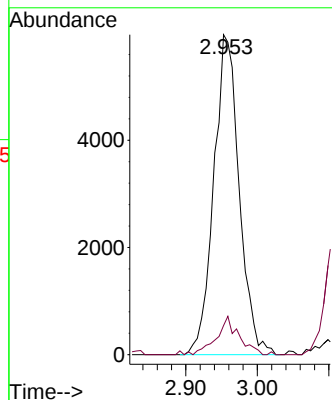
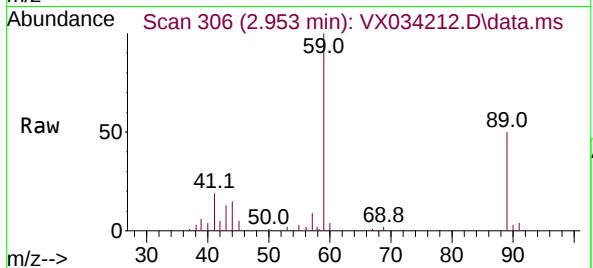
57 10.3 3.7 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#12

1,1-Dichloroethene

Concen: 2.378 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

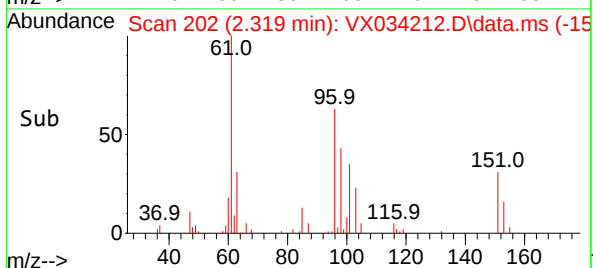
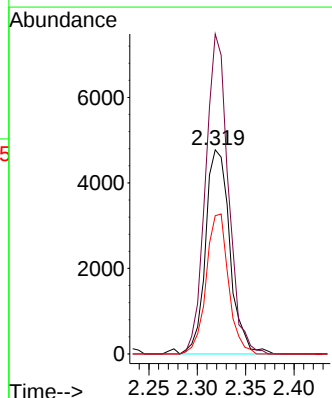
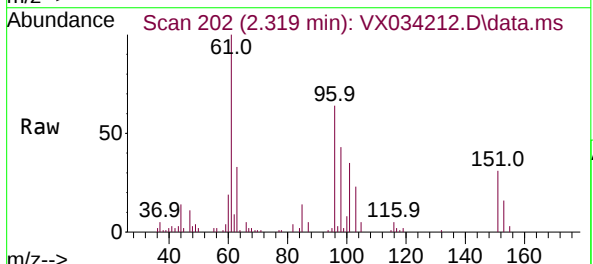
Tgt Ion: 96 Resp: 8360

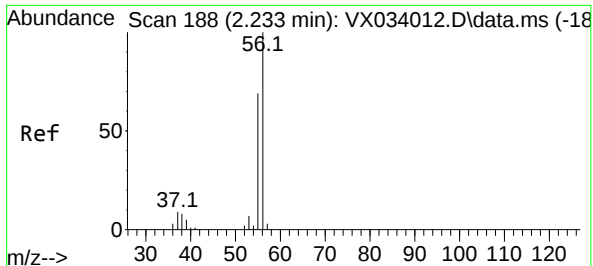
Ion Ratio Lower Upper

96 100

61 156.7 134.2 201.4

98 67.7 50.2 75.2





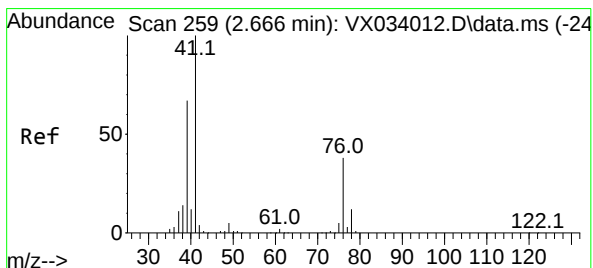
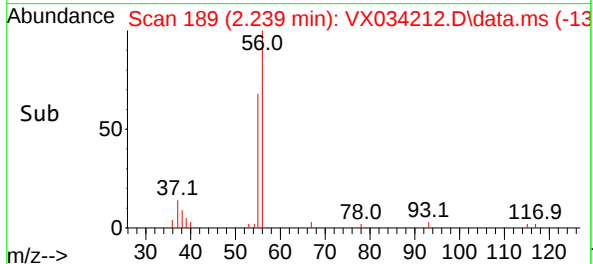
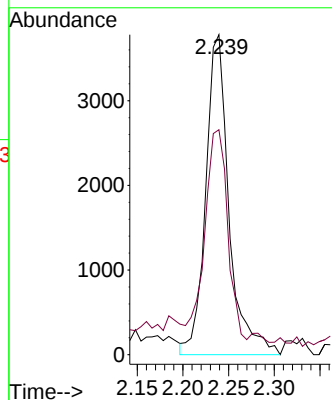
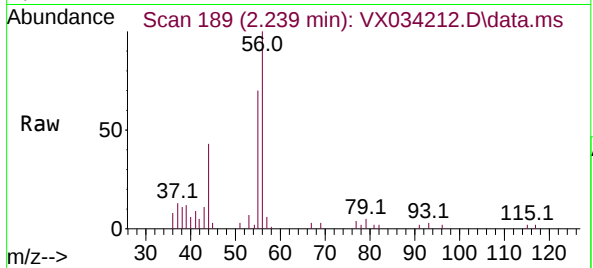
#13
Acrolein
Concen: 14.991 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 56 Resp: 6700
Ion Ratio Lower Upper
56 100
55 63.2 56.3 84.5

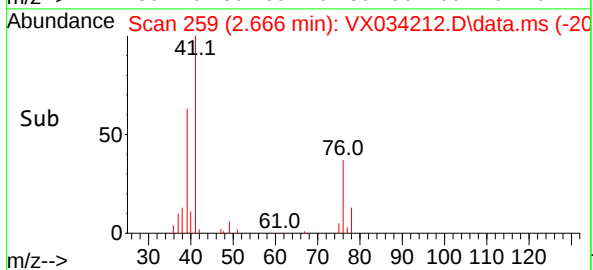
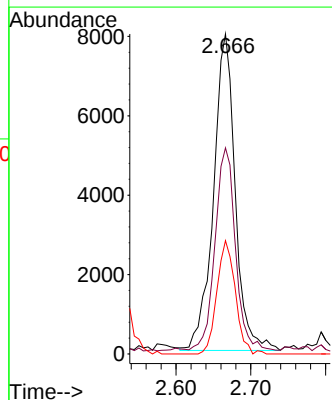
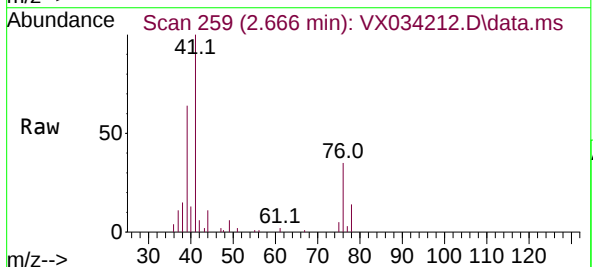
Manual Integrations
APPROVED

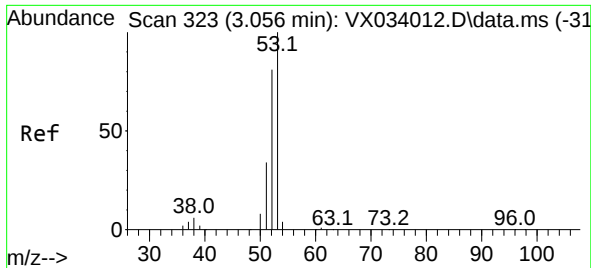
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#14
Allyl chloride
Concen: 2.172 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

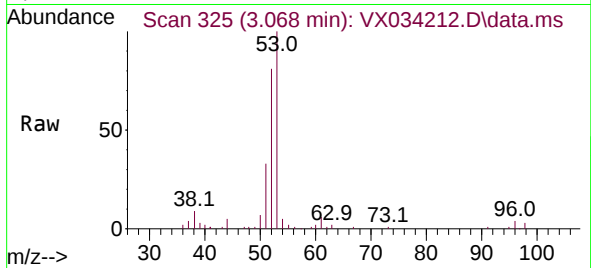
Tgt Ion: 41 Resp: 16201
Ion Ratio Lower Upper
41 100
39 59.8 59.0 88.4
76 30.2 24.6 37.0





#15
Acrylonitrile
Concen: 11.808 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

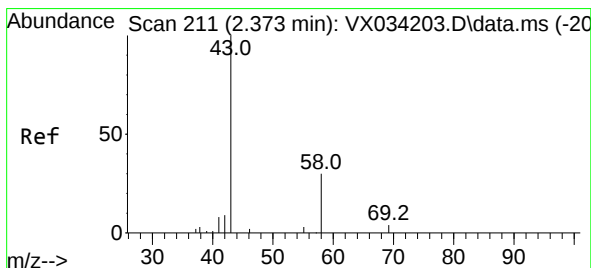
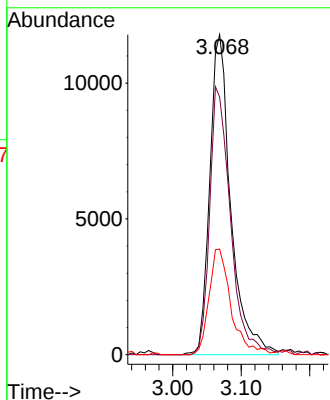
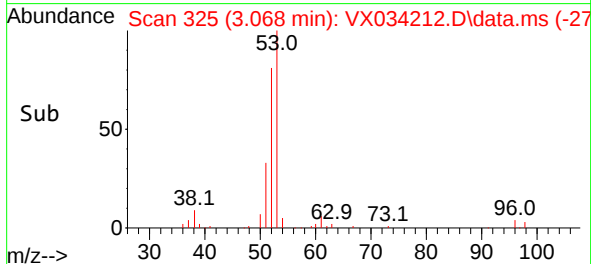
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 53 Resp: 25220
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 34.6 29.0 43.4

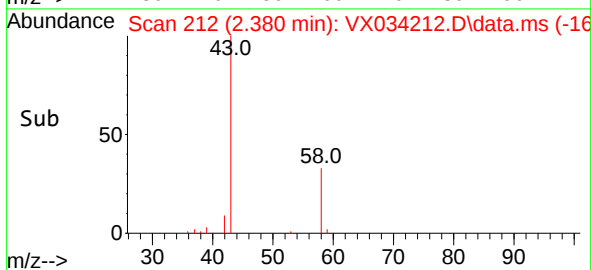
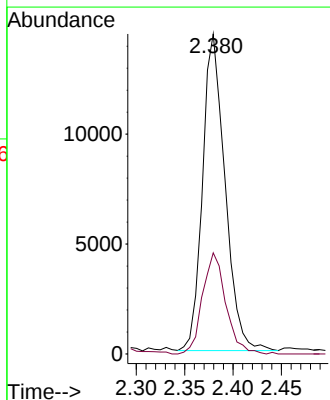
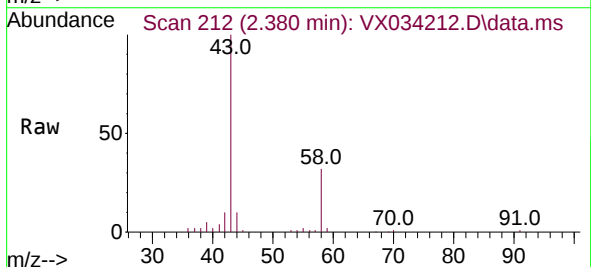
Manual Integrations
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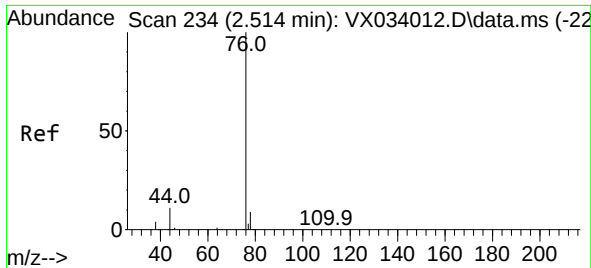
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#16
Acetone
Concen: 10.328 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion: 43 Resp: 23322
Ion Ratio Lower Upper
43 100
58 31.9 22.6 33.8





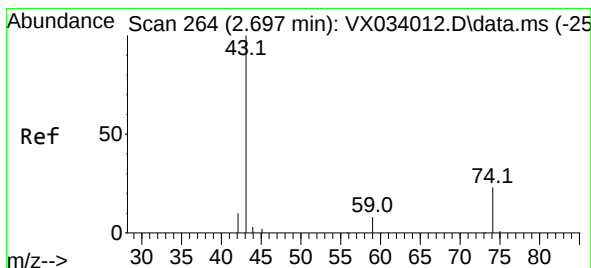
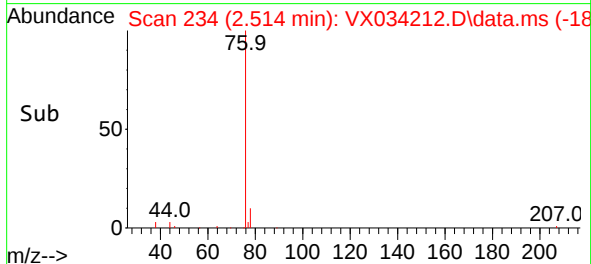
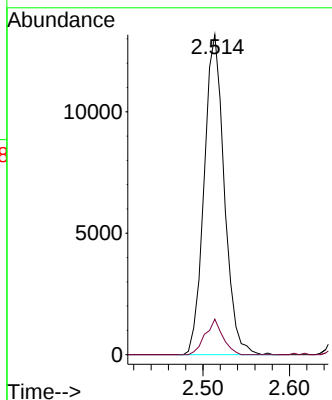
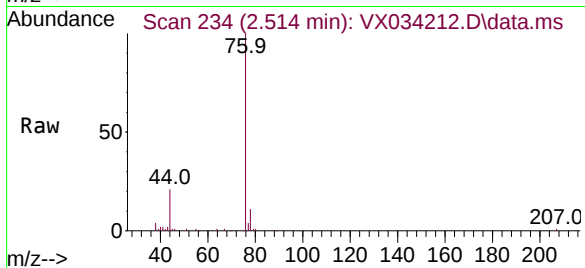
#17
Carbon Disulfide
Concen: 2.107 ug/l
RT: 2.514 min Scan# 2129
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 76 Resp: 2129
Ion Ratio Lower Upper
76 100
78 11.1 7.0 10.6

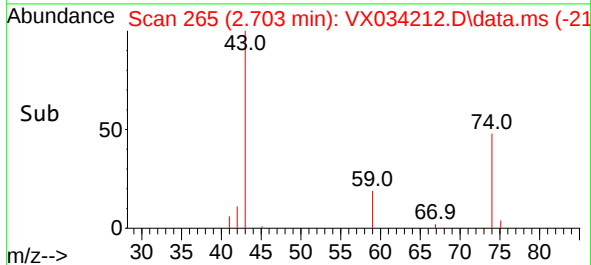
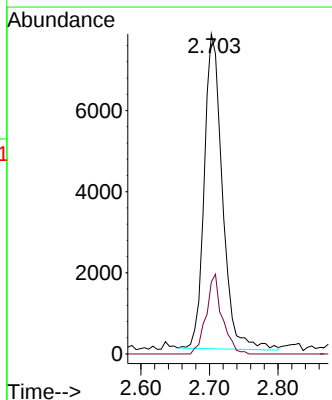
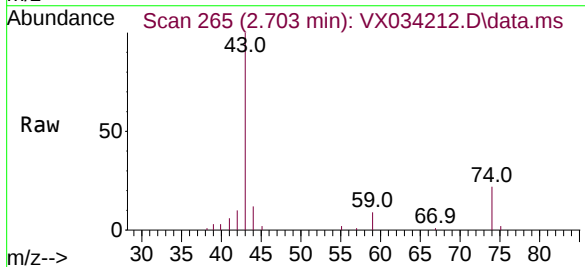
Manual Integrations
APPROVED

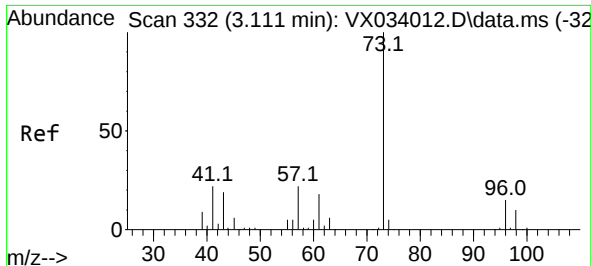
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#18
Methyl Acetate
Concen: 2.054 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion: 43 Resp: 14352
Ion Ratio Lower Upper
43 100
74 22.1 18.2 27.4





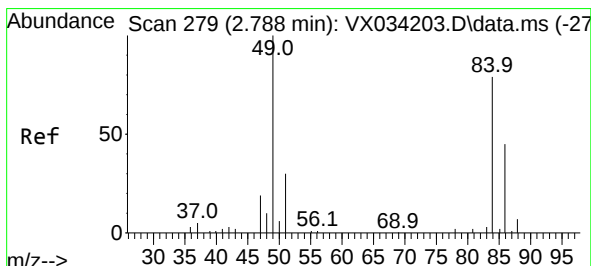
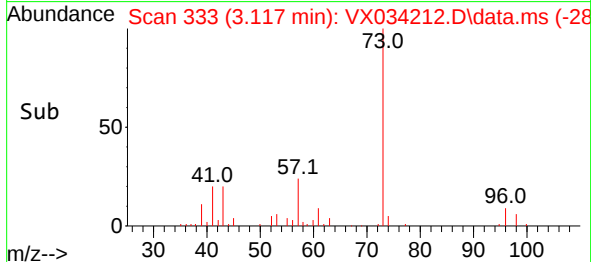
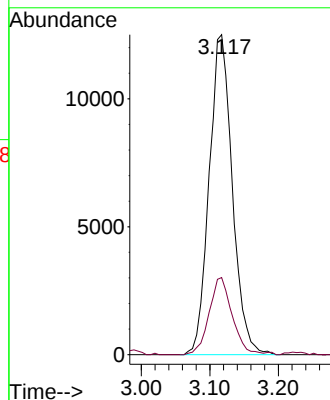
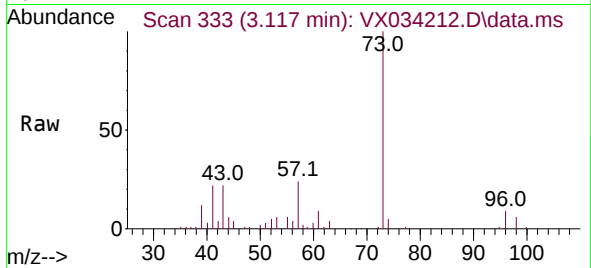
#19
Methyl tert-butyl Ether
Concen: 2.369 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 73 Resp: 2939
Ion Ratio Lower Upper
73 100
57 24.1 17.4 26.0

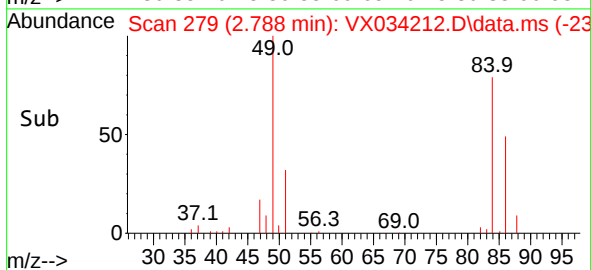
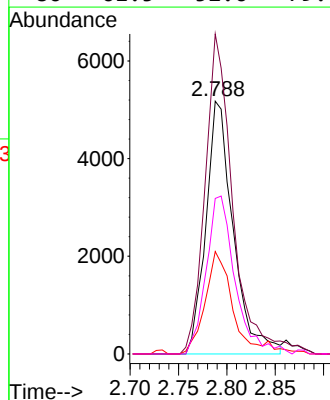
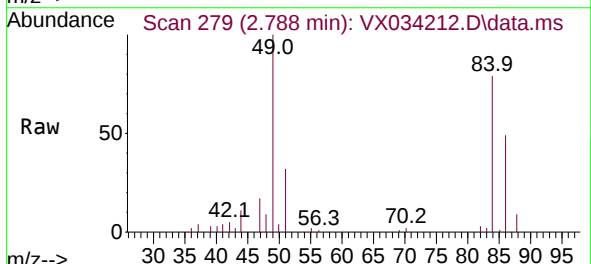
Manual Integrations
APPROVED

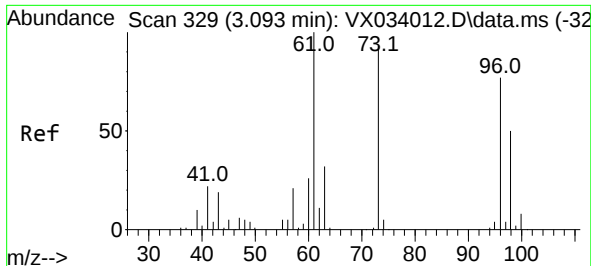
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 2.497 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

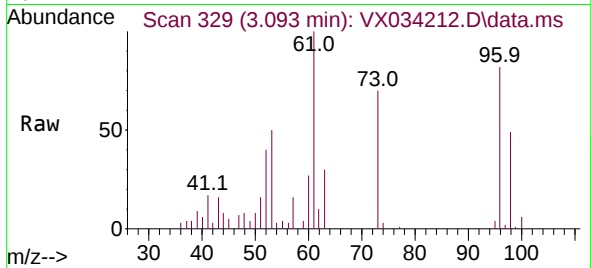
Tgt Ion: 84 Resp: 10159
Ion Ratio Lower Upper
84 100
49 126.6 101.1 151.7
51 40.5 31.0 46.6
86 61.5 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 2.402 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

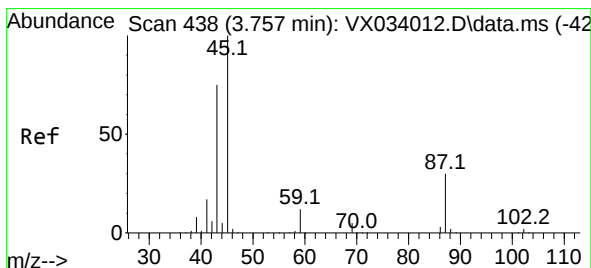
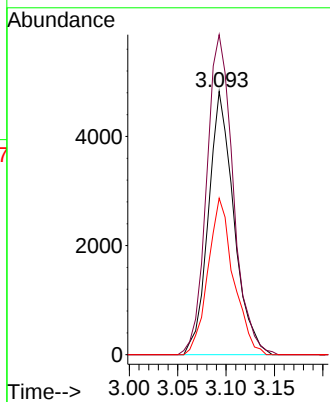
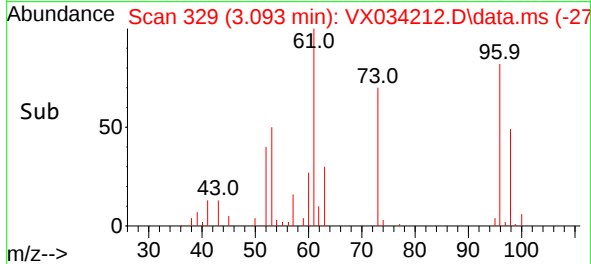
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



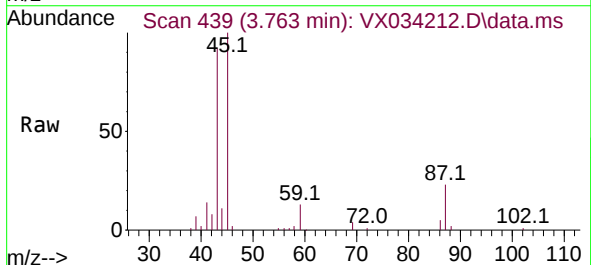
Tgt Ion: 96 Resp: 8850
Ion Ratio Lower Upper
96 100
61 121.6 106.7 160.1
98 59.5 50.0 75.0

Manual Integrations
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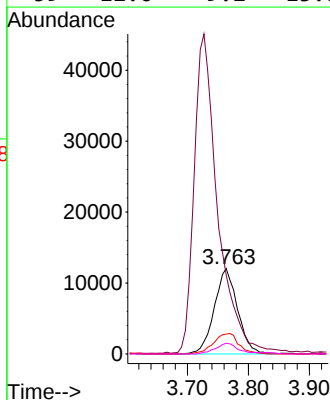
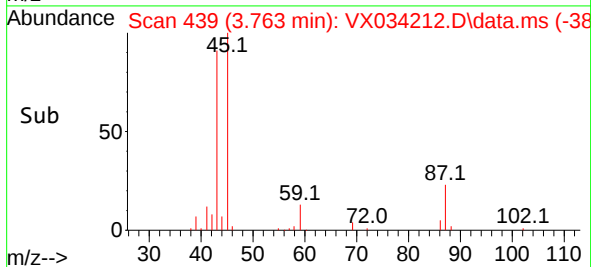
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#22
Diisopropyl ether
Concen: 2.442 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17



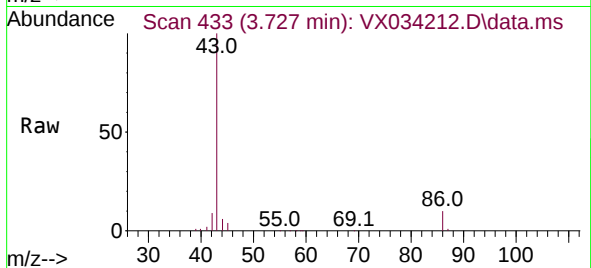
Tgt Ion: 45 Resp: 31929
Ion Ratio Lower Upper
45 100
43 90.5 64.6 97.0
87 23.2 21.9 32.9
59 12.6 9.2 13.8





#23
 Vinyl Acetate
 Concen: 11.604 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VX034212.D
 Acq: 21 Feb 2023 16:17

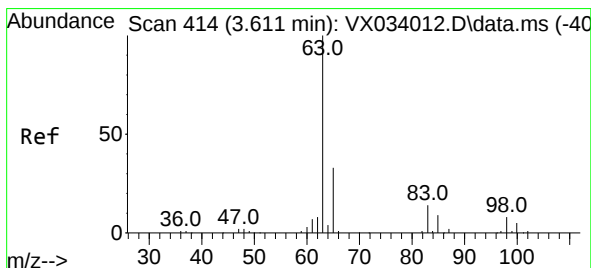
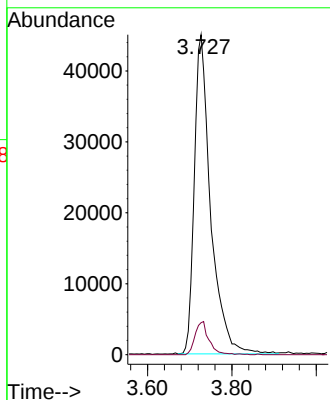
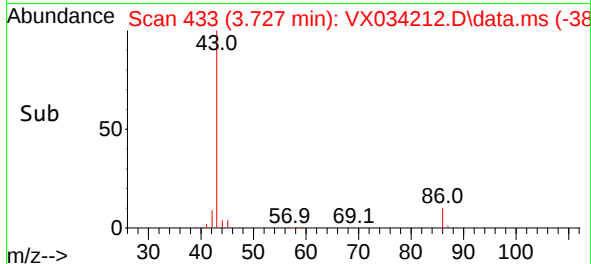
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 43 Resp: 121544
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.4 12.6

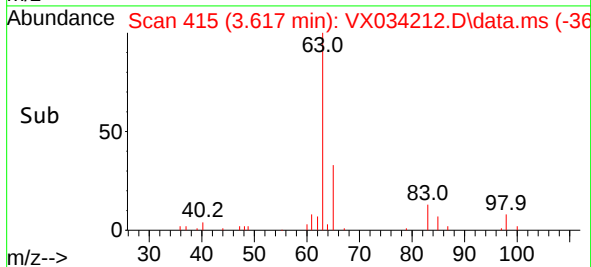
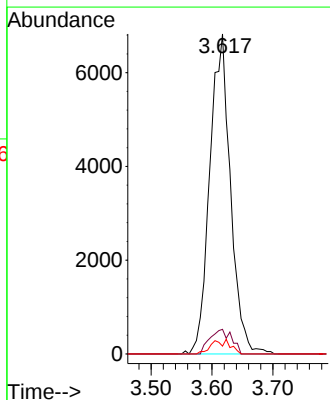
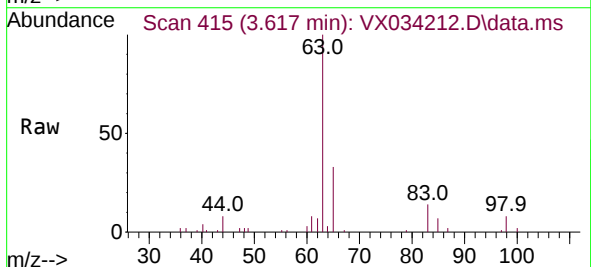
Manual Integrations
 APPROVED

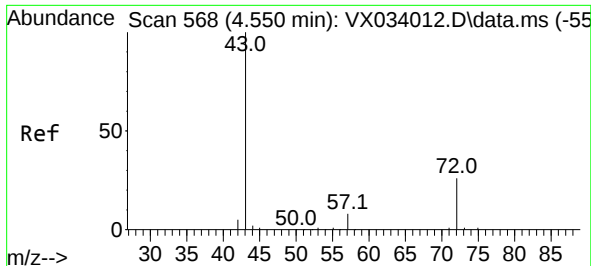
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#24
 1,1-Dichloroethane
 Concen: 2.246 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.012 min
 Lab File: VX034212.D
 Acq: 21 Feb 2023 16:17

Tgt Ion: 63 Resp: 16119
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.2
 100 2.4 2.4 7.2





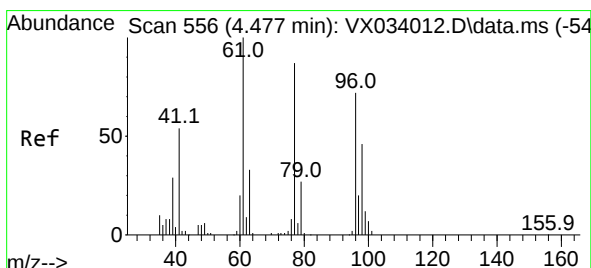
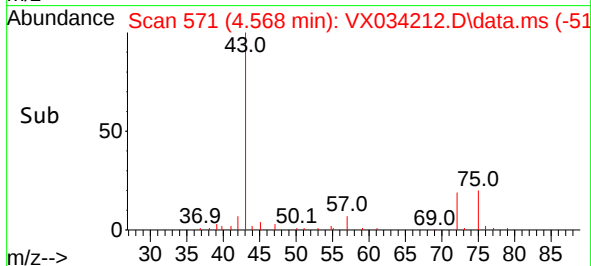
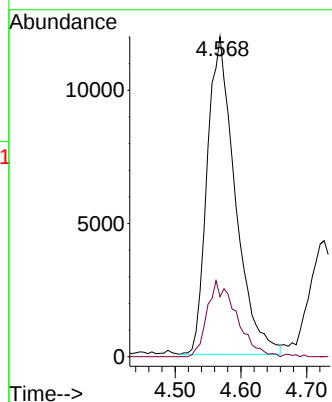
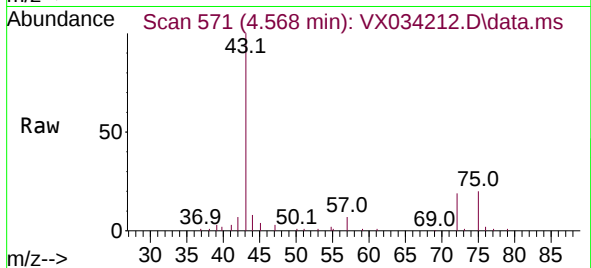
#25
2-Butanone
Concen: 10.819 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 35349
Ion Ratio Lower Upper
43 100
72 18.9 19.4 29.2

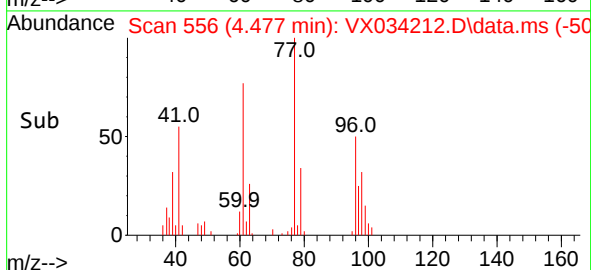
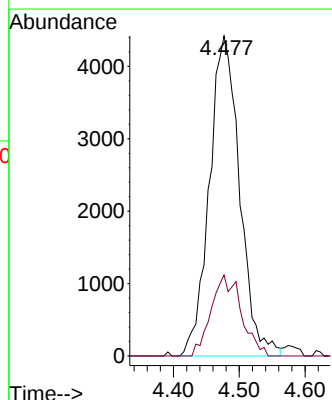
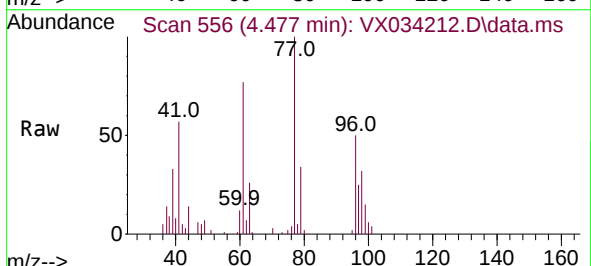
Manual Integrations
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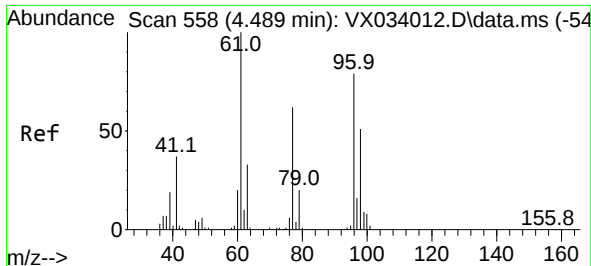
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 2.181 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion: 77 Resp: 14179
Ion Ratio Lower Upper
77 100
97 25.1 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 2.351 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034212.D

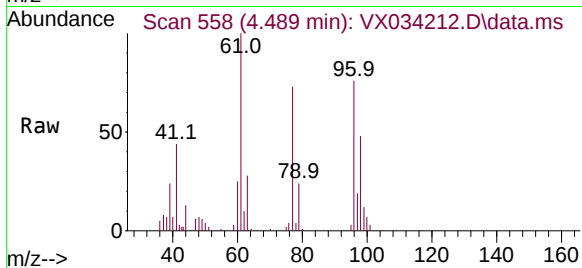
Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



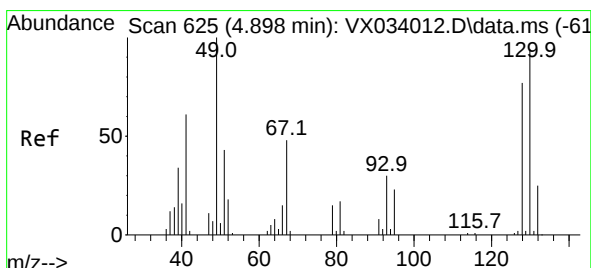
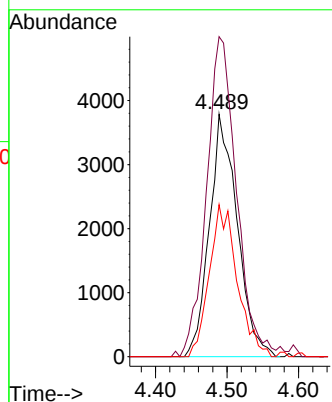
Tgt Ion:	96	Resp:	1025
Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	277.6
98	62.7	0.0	128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#28

Bromochloromethane

Concen: 2.347 ug/l

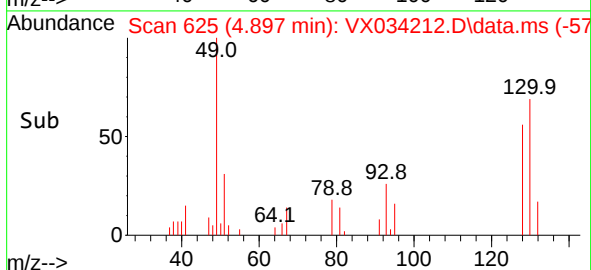
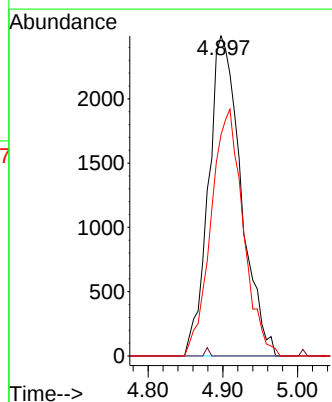
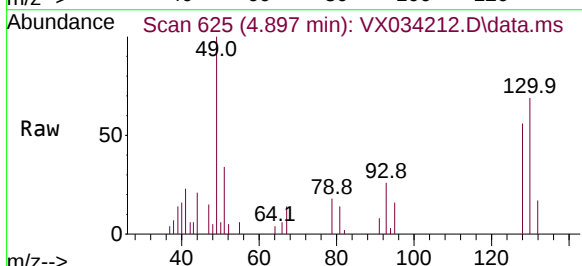
RT: 4.897 min Scan# 625

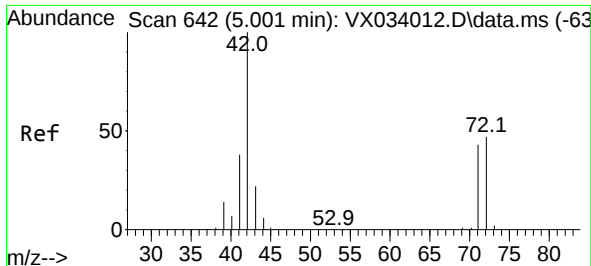
Delta R.T. 0.006 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Tgt Ion:	49	Resp:	7515
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	76.3	68.5	102.7





#29

Tetrahydrofuran

Concen: 11.708 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

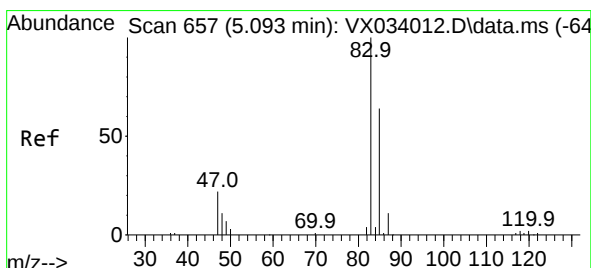
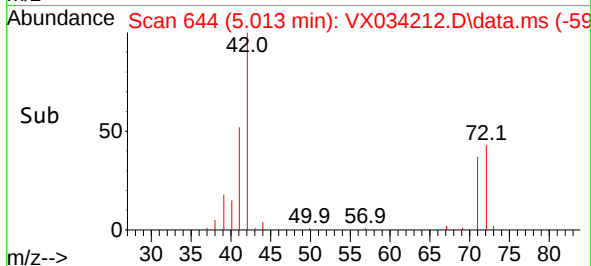
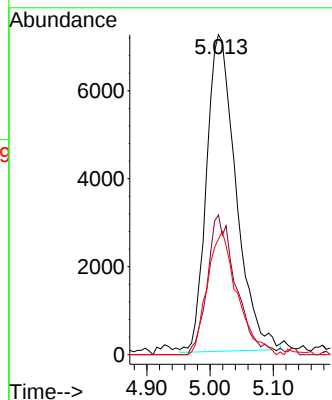
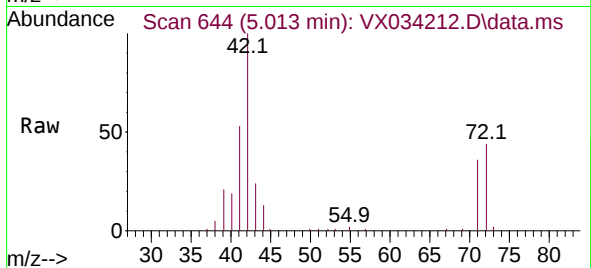
Tgt Ion:	42	Resp:	23330
Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.8	52.2
71	39.2	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 2.302 ug/l

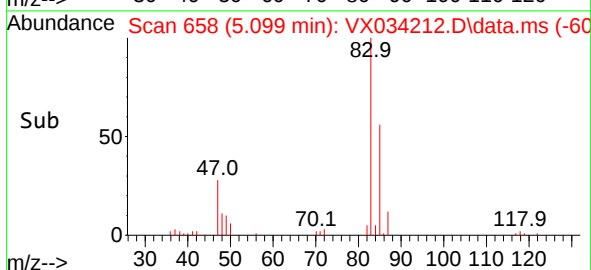
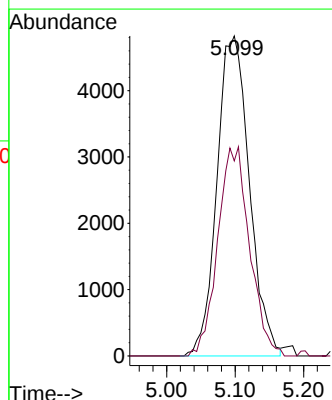
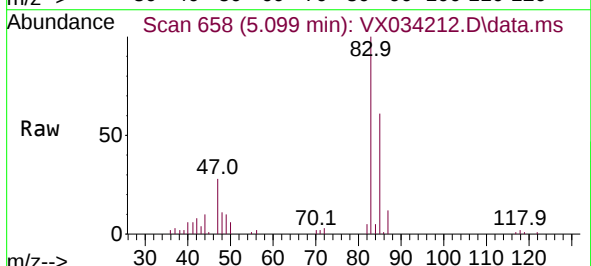
RT: 5.099 min Scan# 658

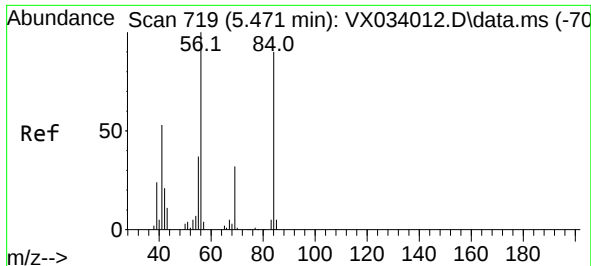
Delta R.T. 0.006 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

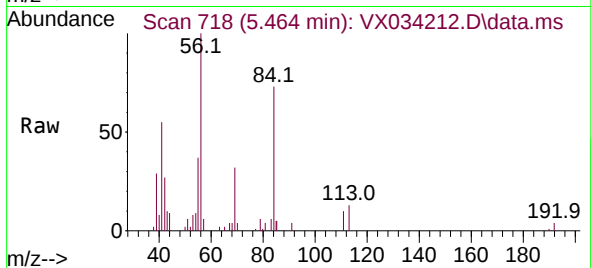
Tgt Ion:	83	Resp:	15868
Ion	Ratio	Lower	Upper
83	100		
85	61.0	52.1	78.1





#31
Cyclohexane
Concen: 2.204 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

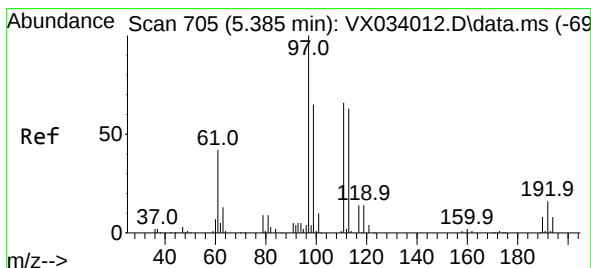
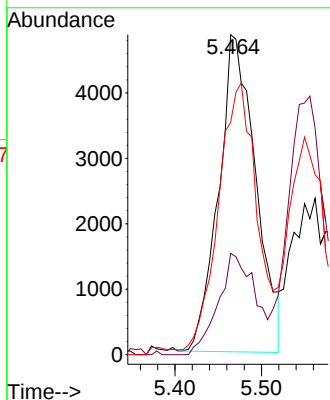
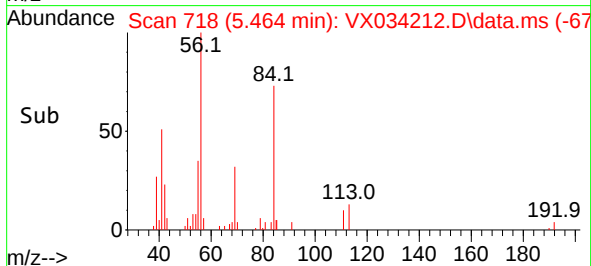
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 56 Resp: 14400
Ion Ratio Lower Upper
56 100
69 32.0 24.6 37.0
84 72.0 71.0 106.6

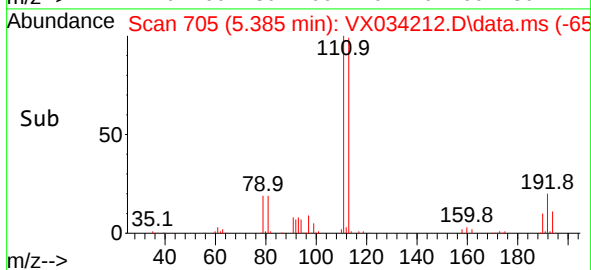
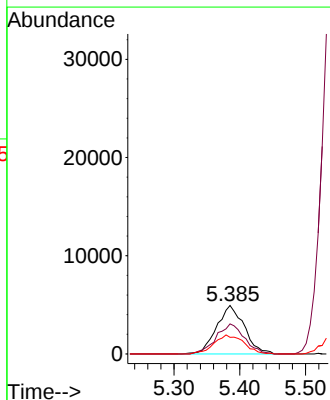
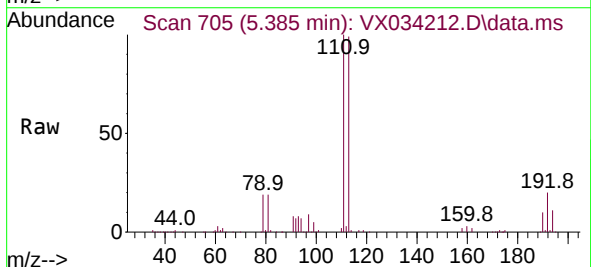
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APPROVED

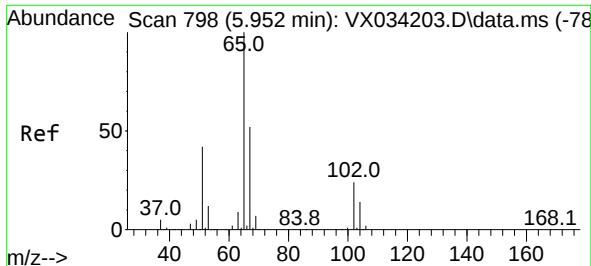
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#32
1,1,1-Trichloroethane
Concen: 2.334 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion: 97 Resp: 14420
Ion Ratio Lower Upper
97 100
99 63.2 52.3 78.5
61 42.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 43.999 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034212.D

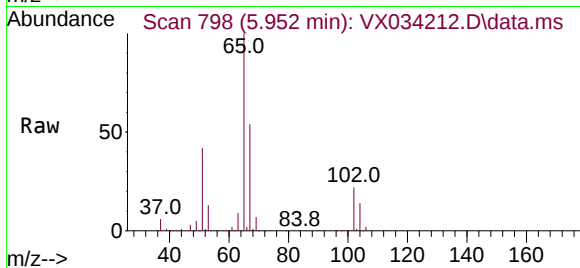
Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 65 Resp: 19259

Ion Ratio Lower Upper

65 100

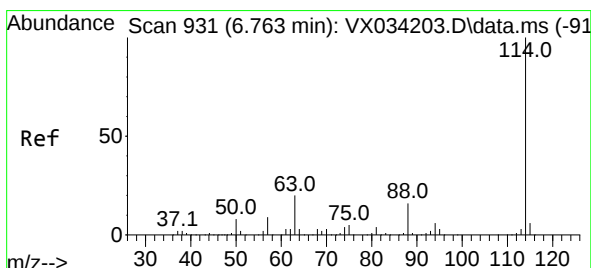
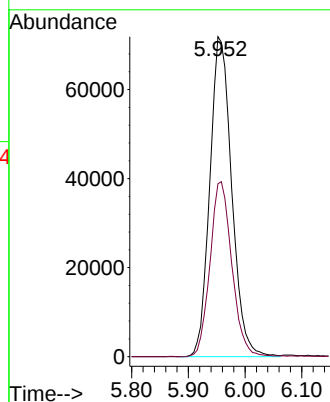
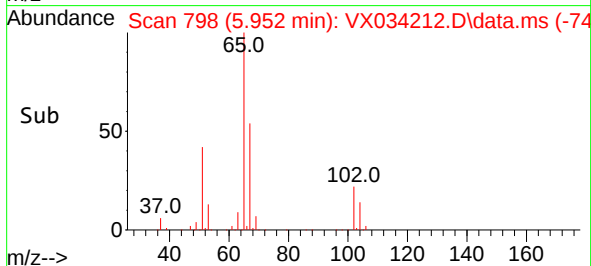
67 54.6 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

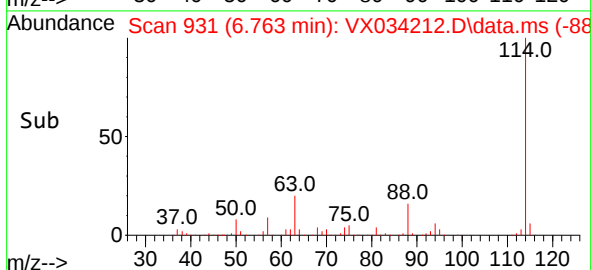
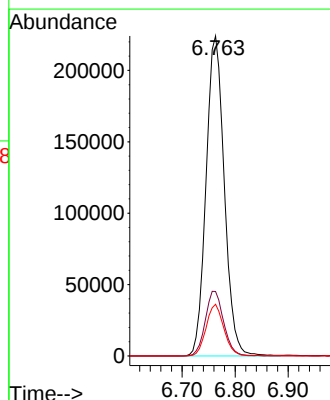
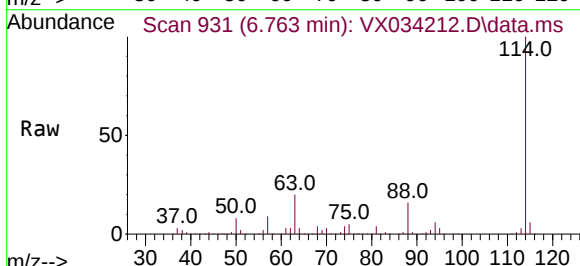
Tgt Ion:114 Resp: 535720

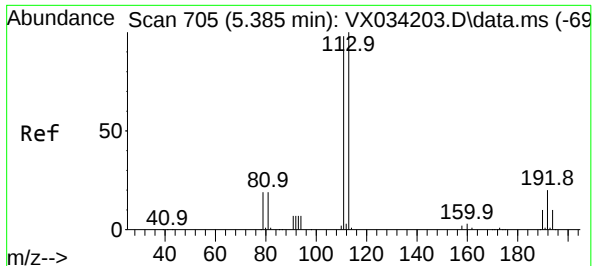
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

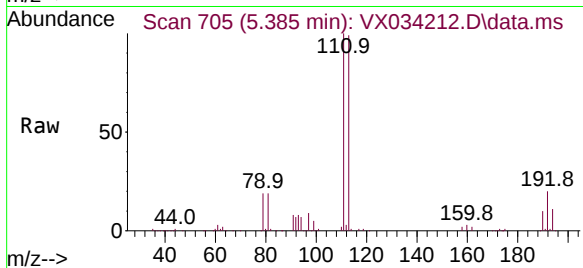
88 16.2 0.0 30.6





#35
Dibromofluoromethane
Concen: 47.579 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

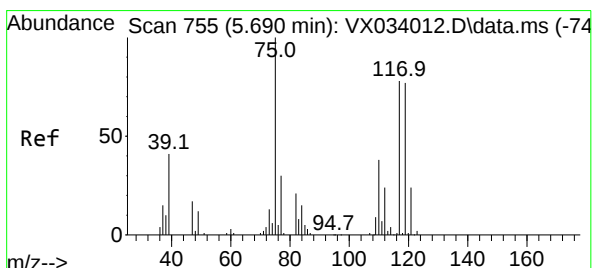
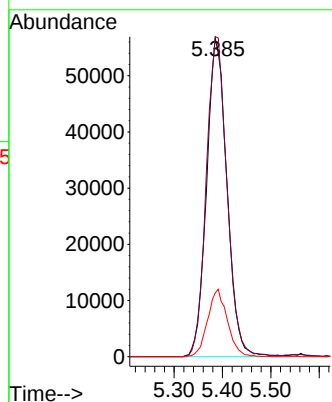
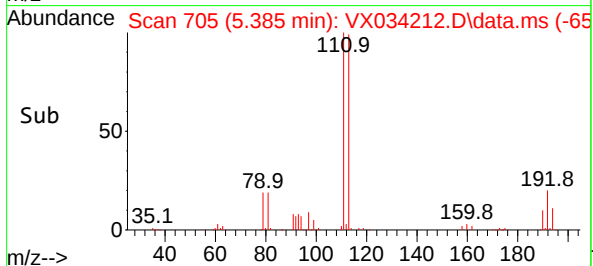
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:113 Resp: 165958
Ion Ratio Lower Upper
113 100
111 101.6 83.0 124.6
192 20.5 19.0 28.4

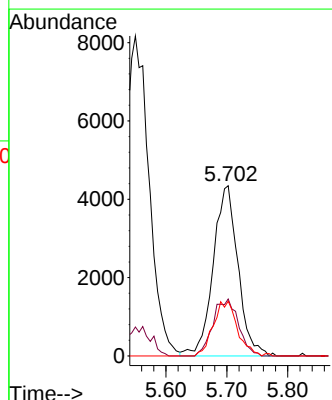
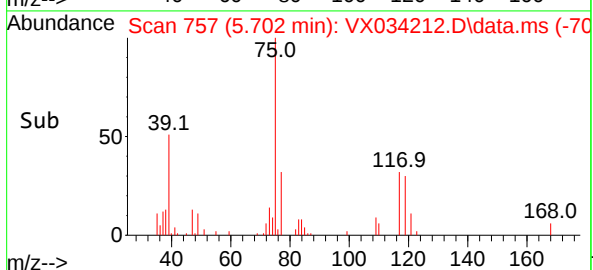
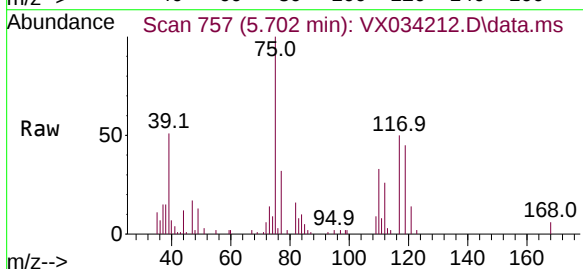
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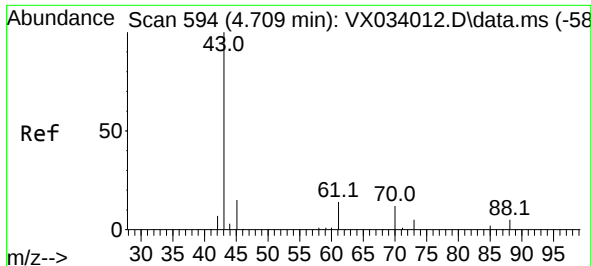
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#36
1,1-Dichloropropene
Concen: 2.386 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion: 75 Resp: 12309
Ion Ratio Lower Upper
75 100
110 34.3 18.8 56.4
77 31.1 25.1 37.7





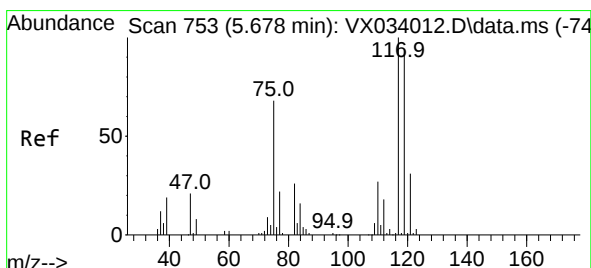
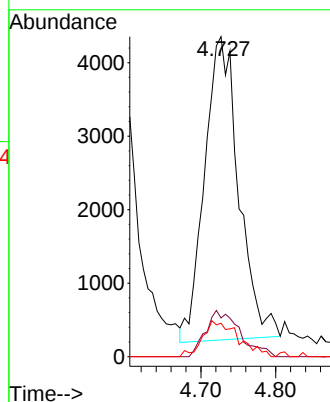
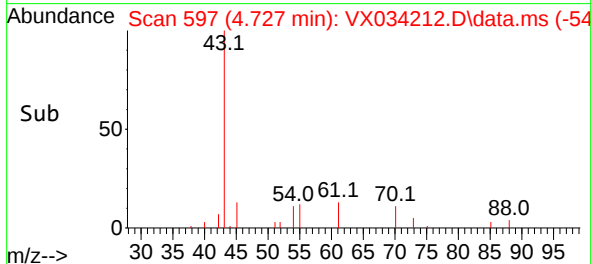
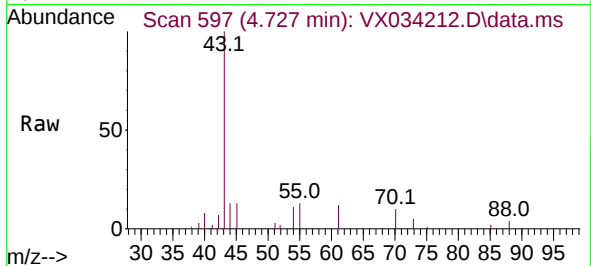
#37
Ethyl Acetate
Concen: 2.269 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.018 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 1308
Ion Ratio Lower Upper
43 100
61 15.3 11.1 16.7
70 12.3 8.5 12.7

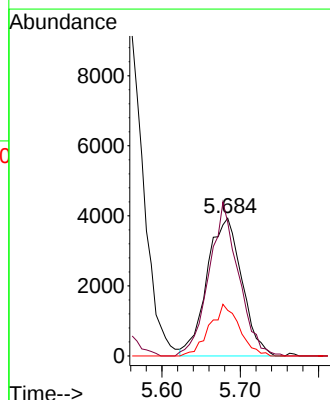
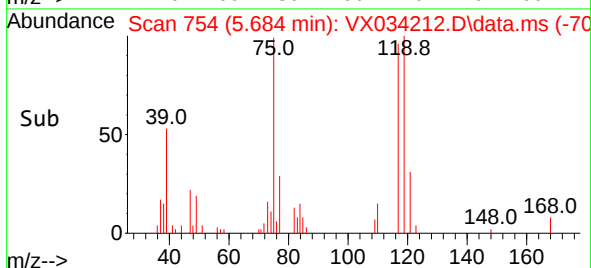
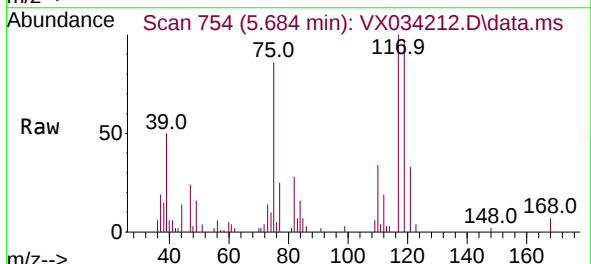
Manual Integrations
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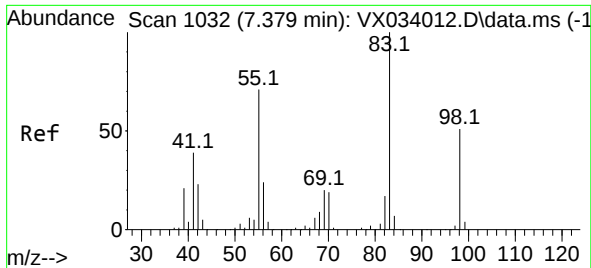
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#38
Carbon Tetrachloride
Concen: 2.297 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.012 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion:117 Resp: 12193
Ion Ratio Lower Upper
117 100
119 95.6 78.0 117.0
121 33.1 24.4 36.6





#39

Methylcyclohexane

Concen: 2.072 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 13750

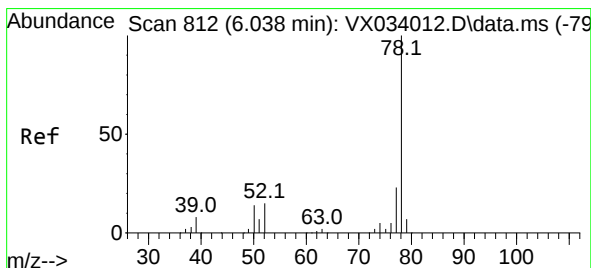
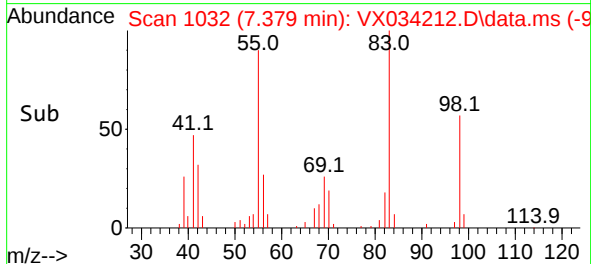
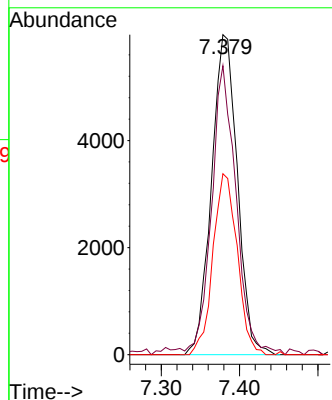
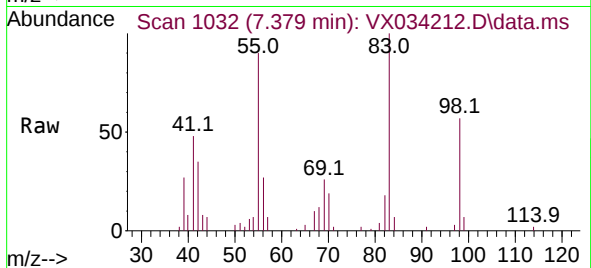
Ion	Ratio	Lower	Upper
83	100		
55	88.7	61.8	92.6
98	56.5	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 2.317 ug/l

RT: 6.044 min Scan# 813

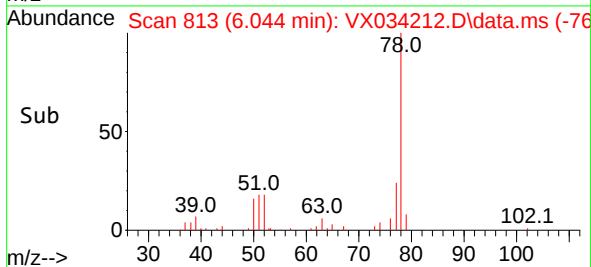
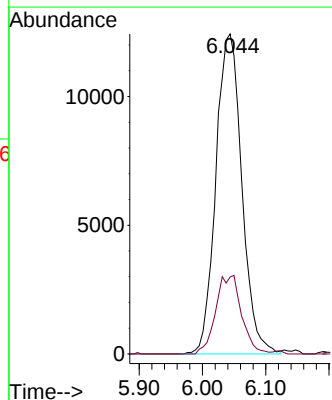
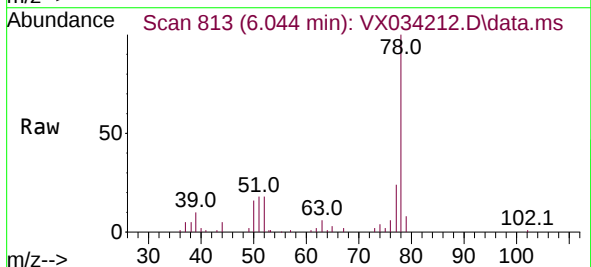
Delta R.T. 0.006 min

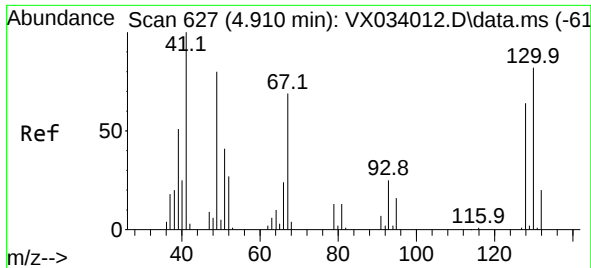
Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Tgt Ion: 78 Resp: 35418

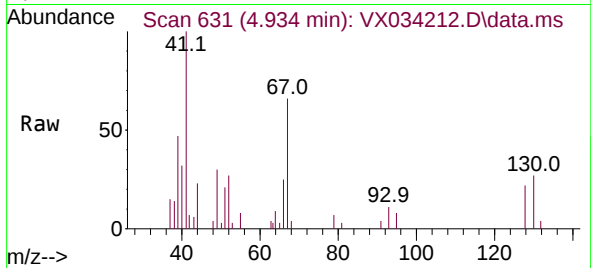
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





#41
Methacrylonitrile
Concen: 2.200 ug/l m
RT: 4.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

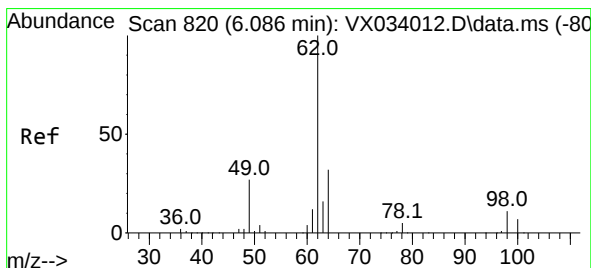
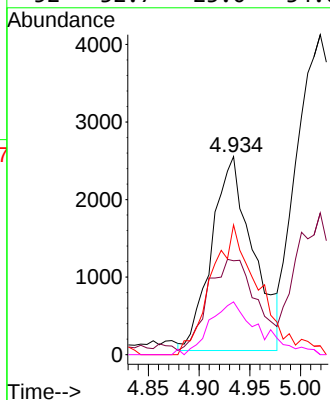
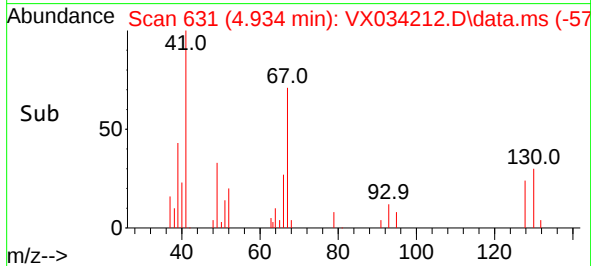
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 41 Resp: 7068
Ion Ratio Lower Upper
41 100
39 54.8 43.8 65.6
67 77.7 54.8 82.2
52 32.7 23.0 34.6

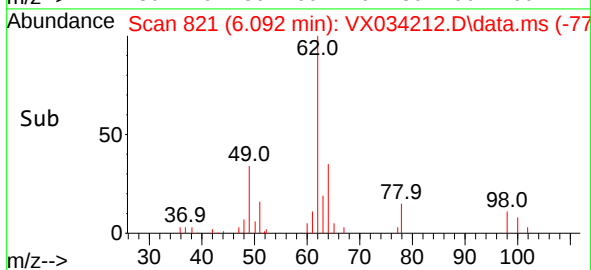
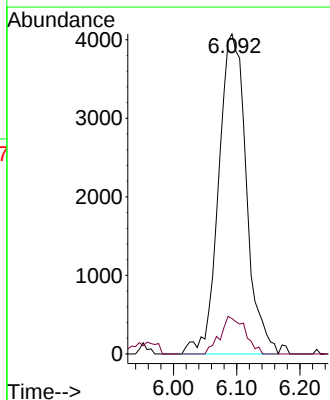
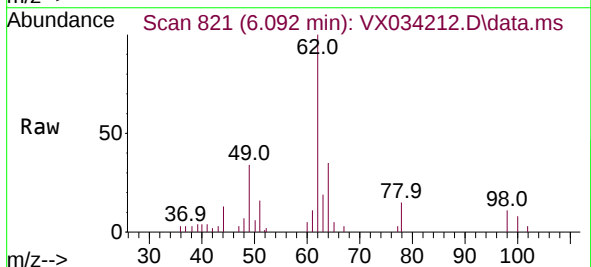
Manual Integrations
APPROVED

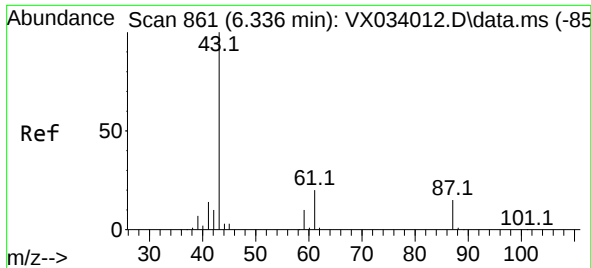
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#42
1,2-Dichloroethane
Concen: 2.300 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

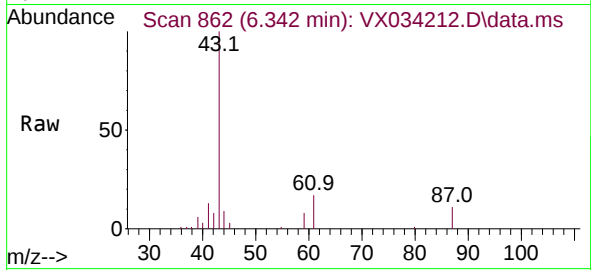
Tgt Ion: 62 Resp: 12366
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.2





#43
Isopropyl Acetate
Concen: 2.240 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

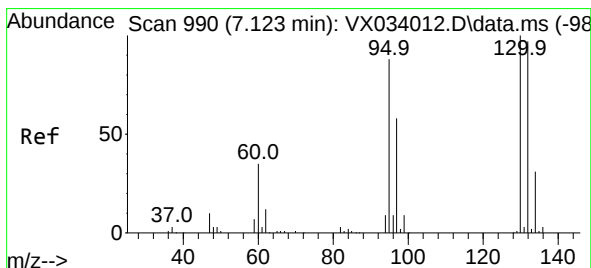
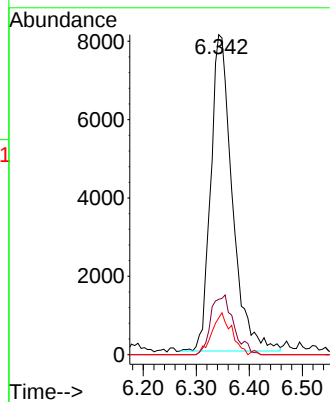
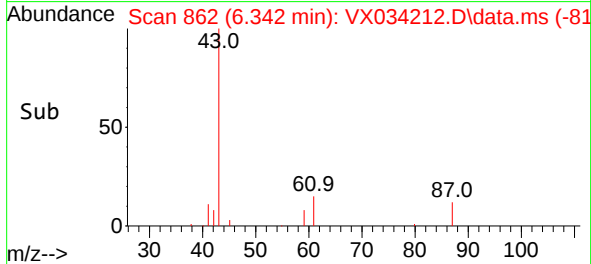
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 43 Resp: 22792
Ion Ratio Lower Upper
43 100
61 19.8 15.7 23.5
87 11.9 10.6 15.8

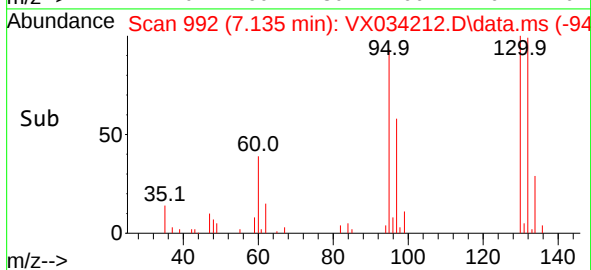
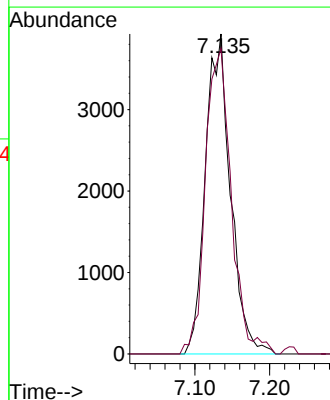
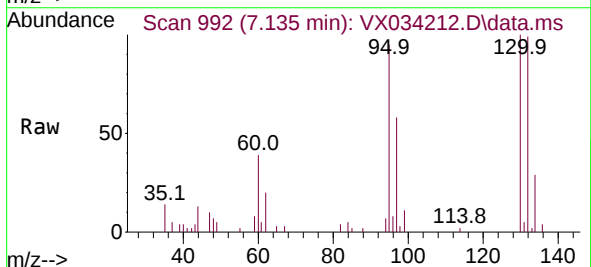
Manual Integrations
APPROVED

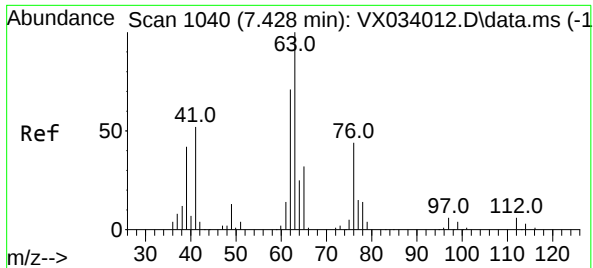
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#44
Trichloroethene
Concen: 2.333 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion:130 Resp: 9153
Ion Ratio Lower Upper
130 100
95 95.4 0.0 182.6





#45

1,2-Dichloropropane

Concen: 2.250 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 63 Resp: 915

Ion Ratio Lower Upper

63 100

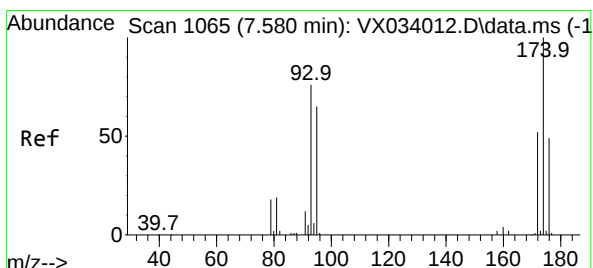
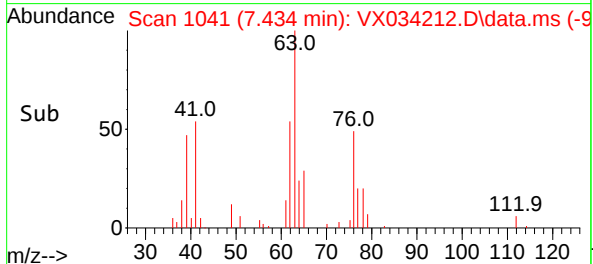
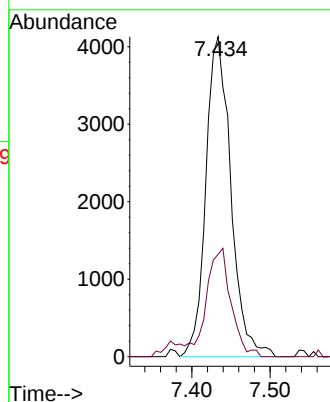
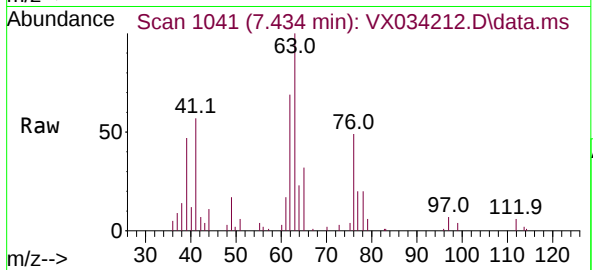
65 32.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 2.301 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

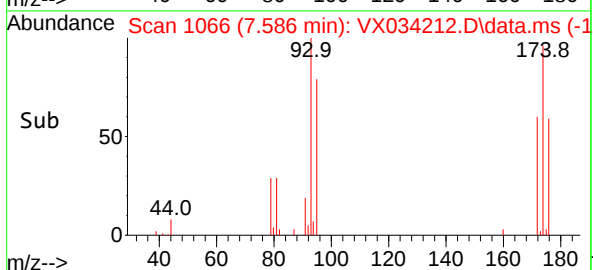
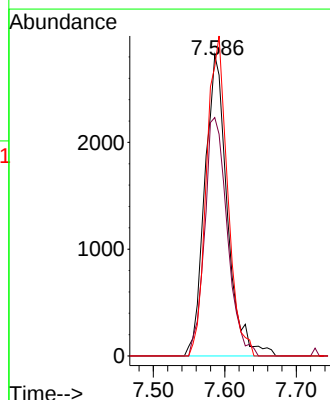
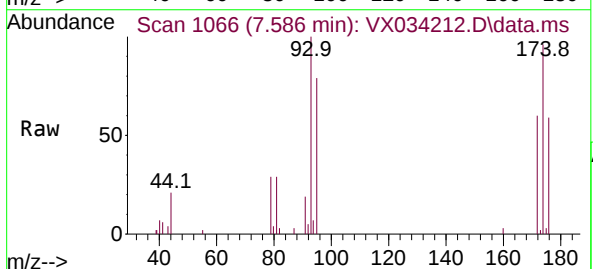
Tgt Ion: 93 Resp: 6162

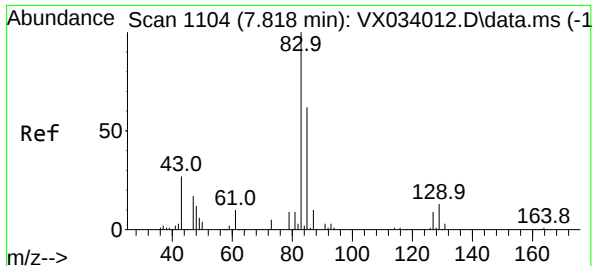
Ion Ratio Lower Upper

93 100

95 79.6 67.6 101.4

174 99.0 97.4 146.0





#47

Bromodichloromethane

Concen: 2.164 ug/l

RT: 7.824 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

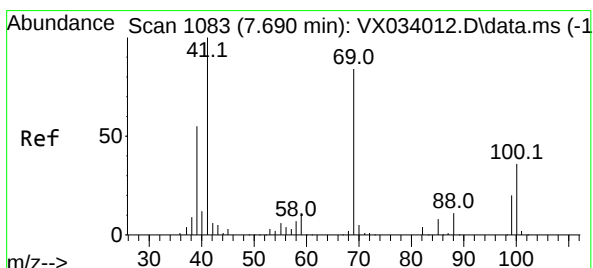
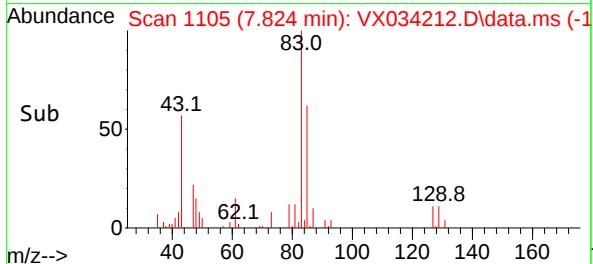
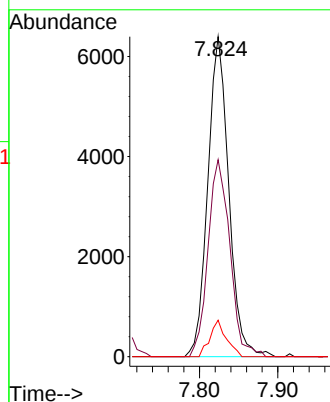
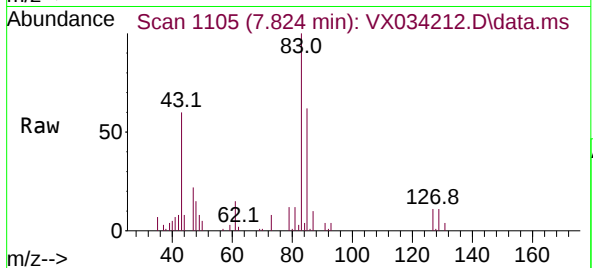
Tgt Ion: 83	Resp: 1189
Ion Ratio	Lower Upper
83 100	
85 61.5	49.8 74.6
127 11.4	7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#48

Methyl methacrylate

Concen: 2.292 ug/l

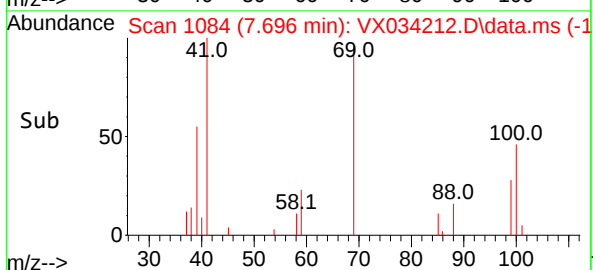
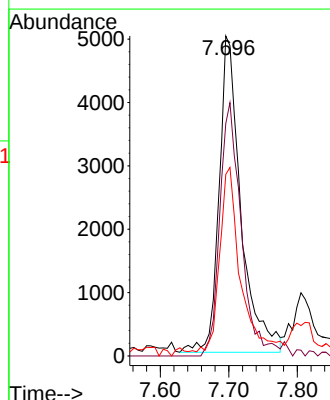
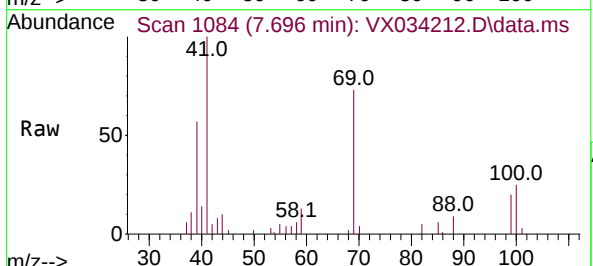
RT: 7.696 min Scan# 1084

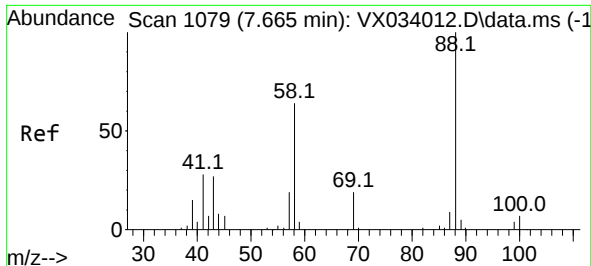
Delta R.T. 0.006 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Tgt Ion: 41	Resp: 11067
Ion Ratio	Lower Upper
41 100	
69 79.7	63.1 94.7
39 57.4	43.2 64.8





#49

1,4-Dioxane

Concen: 44.251 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.012 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

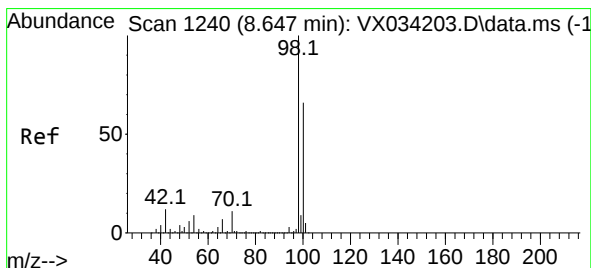
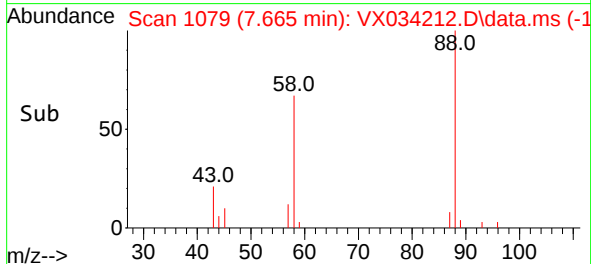
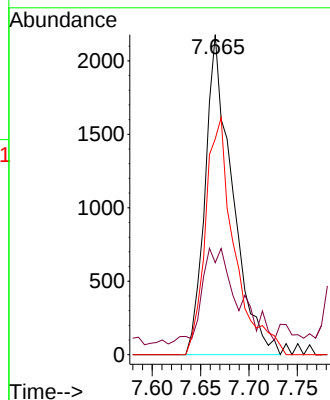
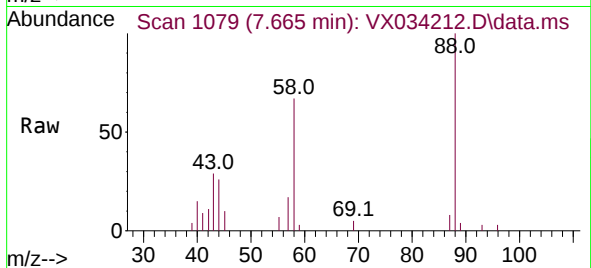
Tgt Ion: 88	Resp: 426
Ion Ratio	Lower Upper
88 100	
43 40.1	0.0 0.0
58 78.6	56.5 84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#50

Toluene-d8

Concen: 48.806 ug/l

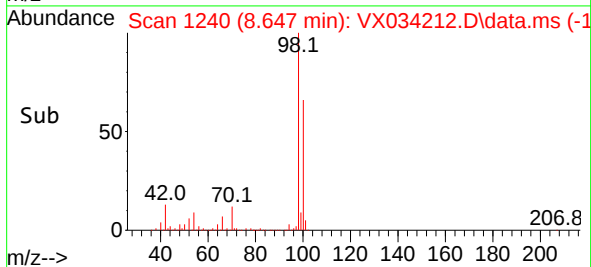
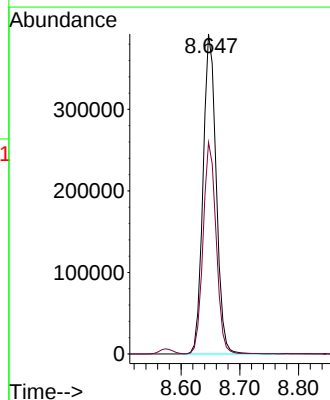
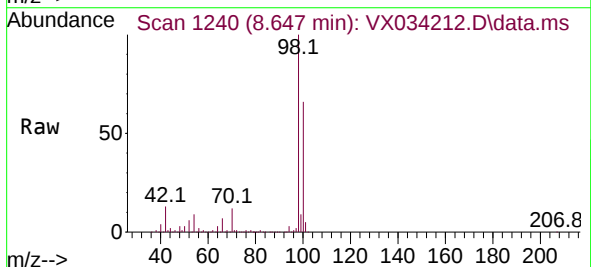
RT: 8.647 min Scan# 1240

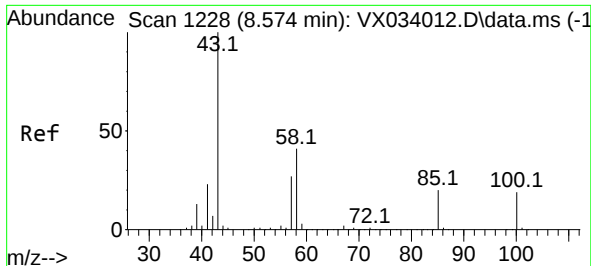
Delta R.T. 0.000 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

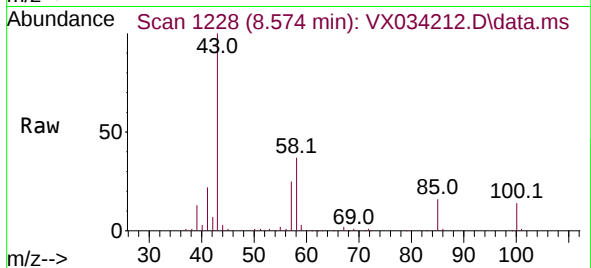
Tgt Ion: 98	Resp: 611207
Ion Ratio	Lower Upper
98 100	
100 65.6	53.6 80.4





#51
4-Methyl-2-Pentanone
Concen: 12.274 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

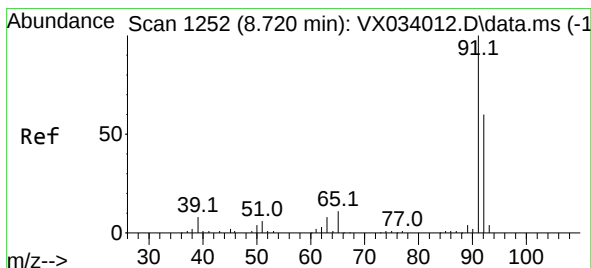
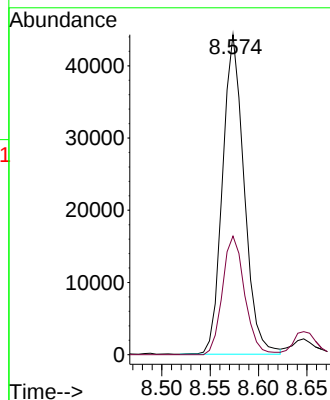
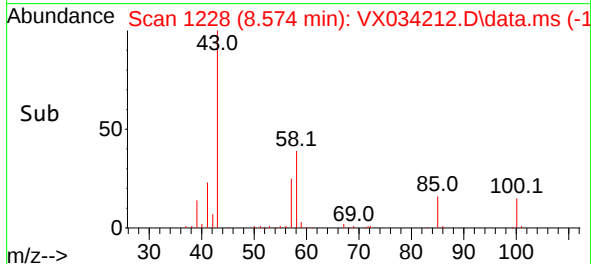
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion: 43 Resp: 68698
Ion Ratio Lower Upper
43 100
58 38.2 31.2 46.8

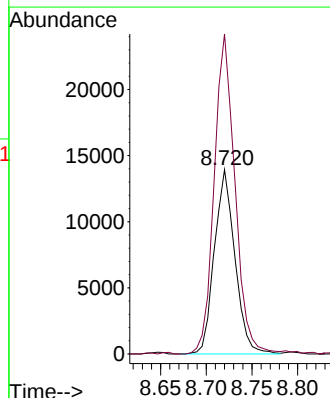
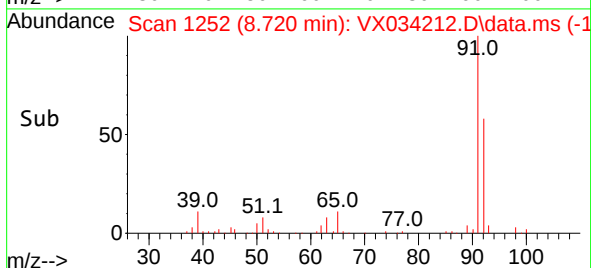
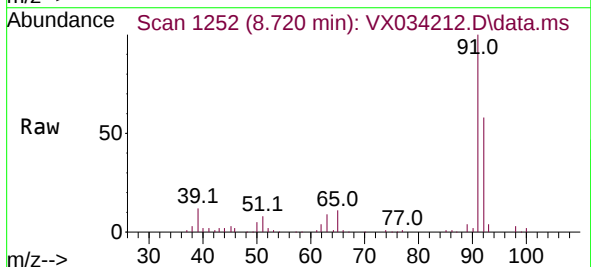
Manual Integrations
APPROVED

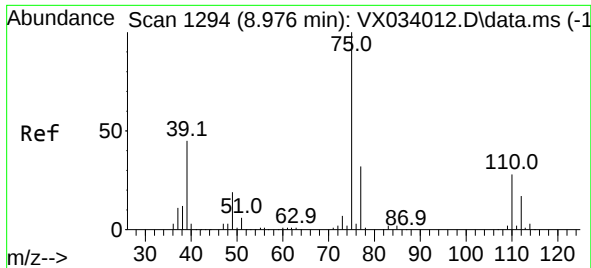
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#52
Toluene
Concen: 2.357 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion: 92 Resp: 21829
Ion Ratio Lower Upper
92 100
91 176.5 135.5 203.3





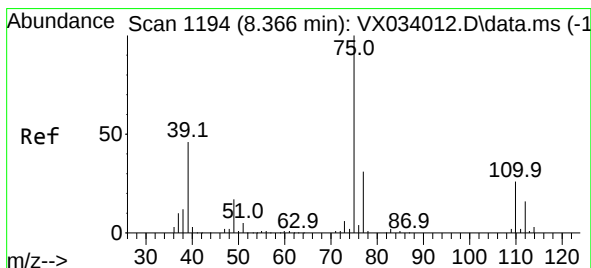
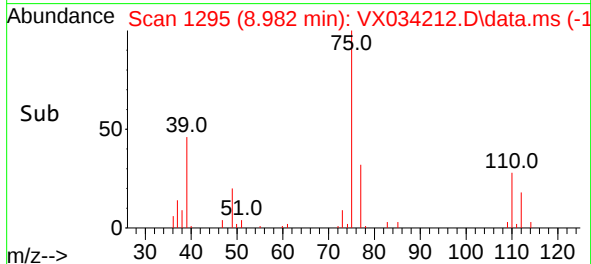
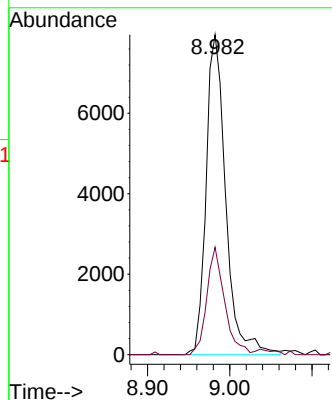
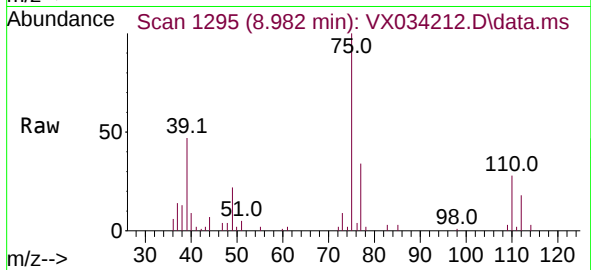
#53
 t-1,3-Dichloropropene
 Concen: 2.082 ug/l
 RT: 8.982 min Scan# 1129
 Delta R.T. 0.006 min
 Lab File: VX034212.D
 Acq: 21 Feb 2023 16:17

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 75 Resp: 13172
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.5 38.3

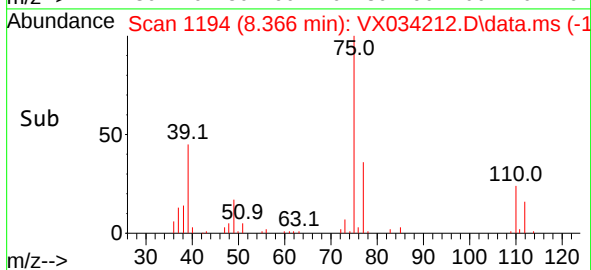
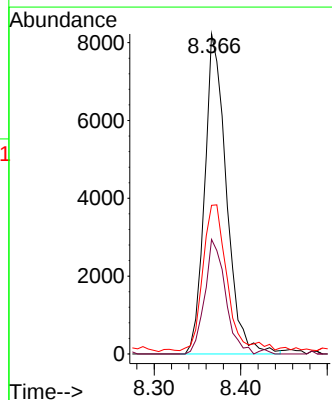
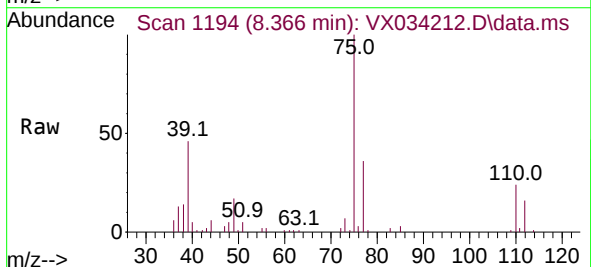
Manual Integrations
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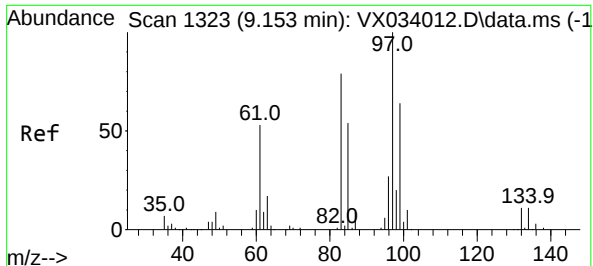
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#54
 cis-1,3-Dichloropropene
 Concen: 2.115 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX034212.D
 Acq: 21 Feb 2023 16:17

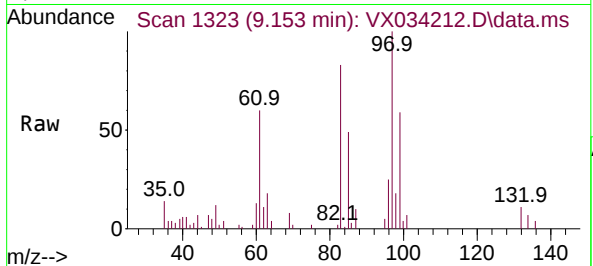
Tgt Ion: 75 Resp: 14324
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.0 37.6
 39 45.4 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 2.417 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

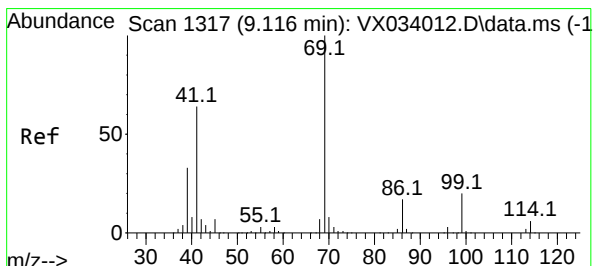
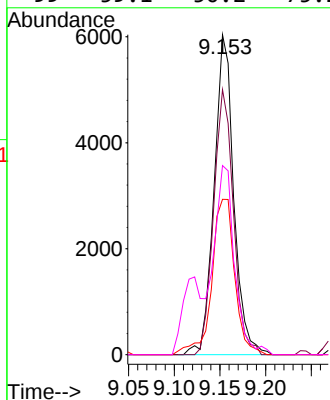
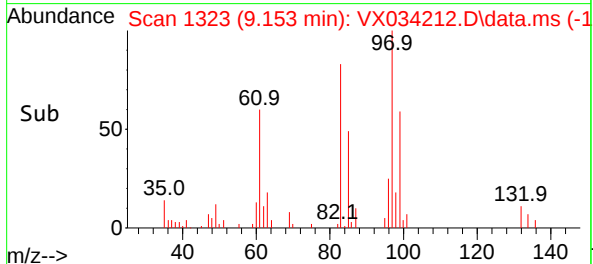
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023



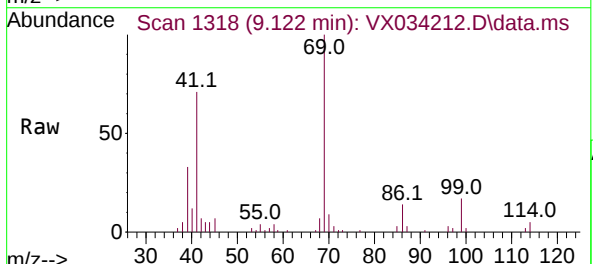
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.4	101.0
85	48.5	43.2	64.8
99	59.1	50.2	75.2

Manual Integrations
APPROVED

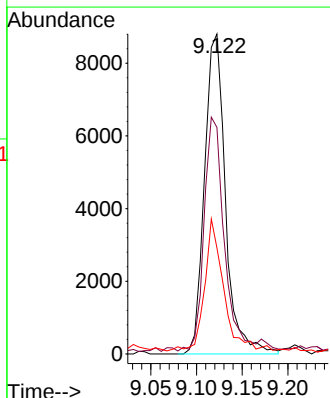
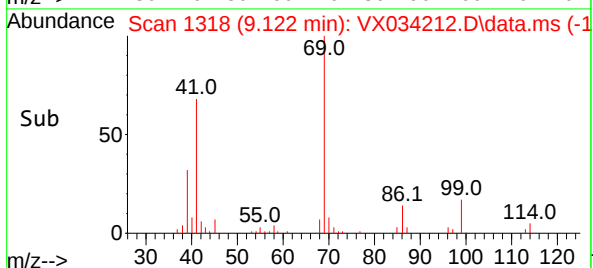
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

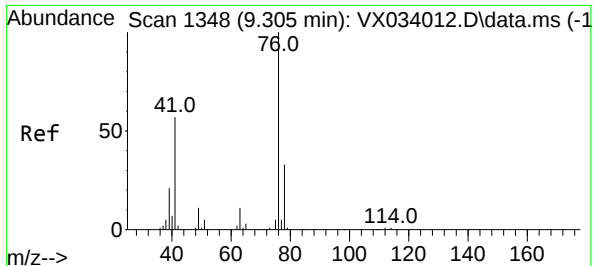


#56
Ethyl methacrylate
Concen: 2.217 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17



Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.6	55.1	82.7
39	37.5	28.5	42.7





#57

1,3-Dichloropropane

Concen: 2.380 ug/l

RT: 9.311 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 76 Resp: 15479

Ion Ratio Lower Upper

76 100

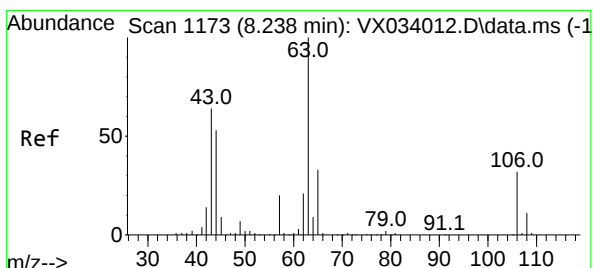
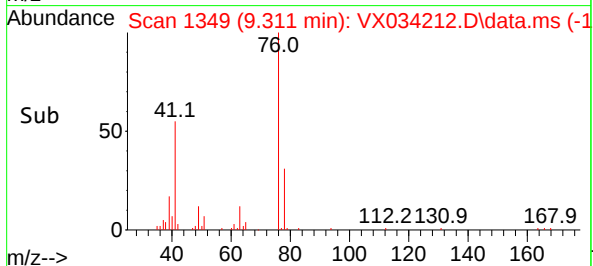
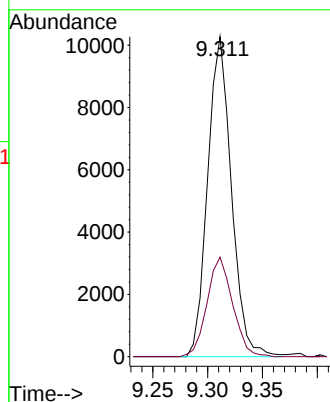
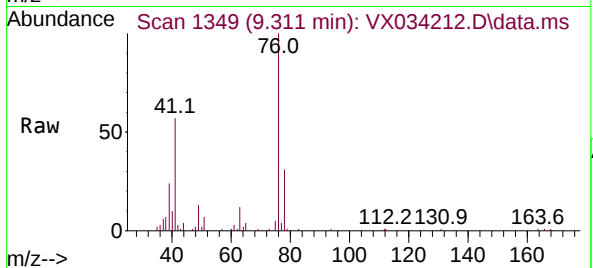
78 33.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 12.292 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX034212.D

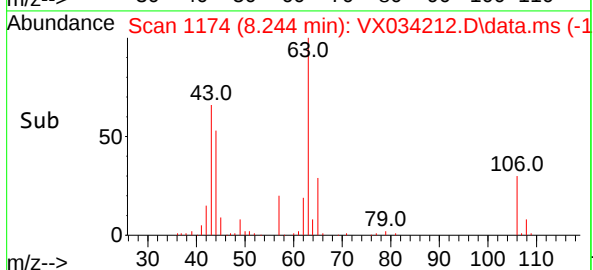
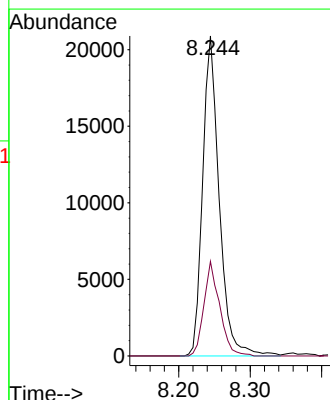
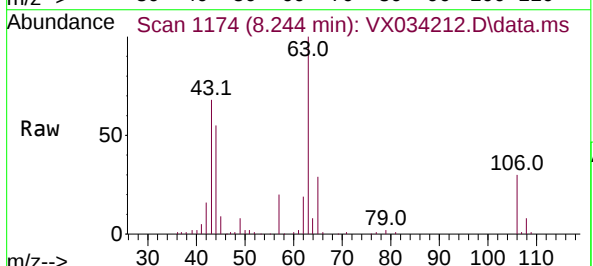
Acq: 21 Feb 2023 16:17

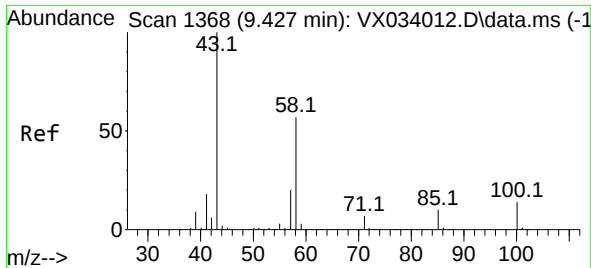
Tgt Ion: 63 Resp: 33678

Ion Ratio Lower Upper

63 100

106 28.3 24.5 36.7





#59

2-Hexanone

Concen: 11.723 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 43 Resp: 5000

Ion Ratio Lower Upper

43 100

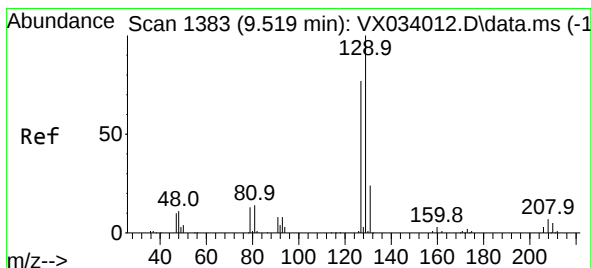
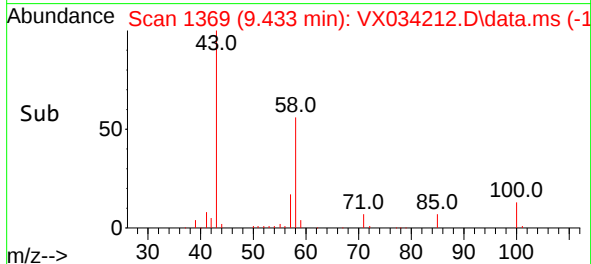
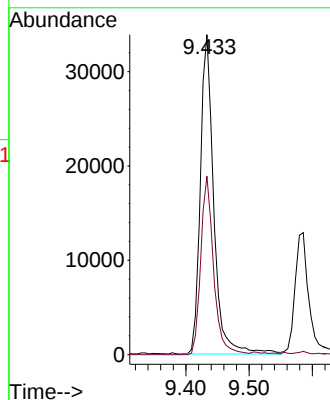
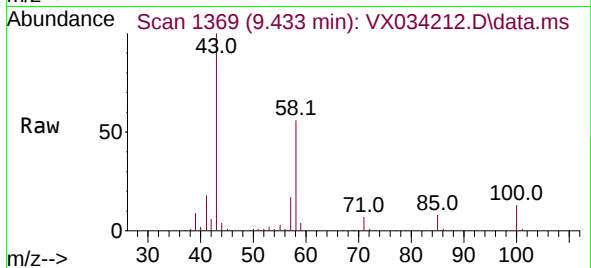
58 53.5 27.4 82.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#60

Dibromochloromethane

Concen: 2.251 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX034212.D

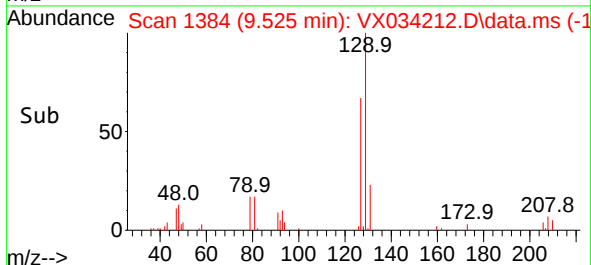
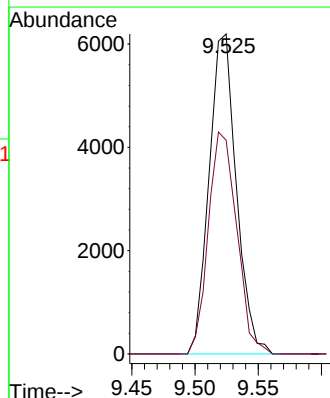
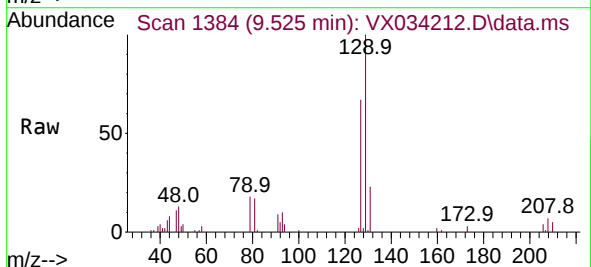
Acq: 21 Feb 2023 16:17

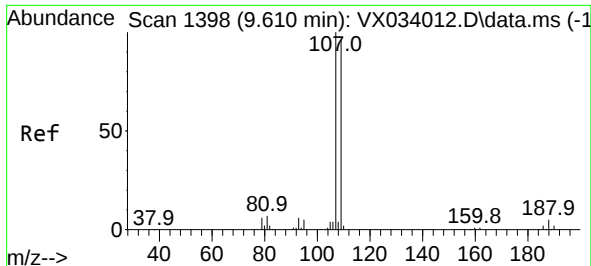
Tgt Ion:129 Resp: 9299

Ion Ratio Lower Upper

129 100

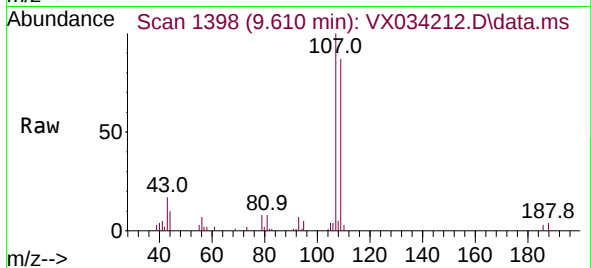
127 72.3 38.8 116.3





#61
1,2-Dibromoethane
Concen: 2.321 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

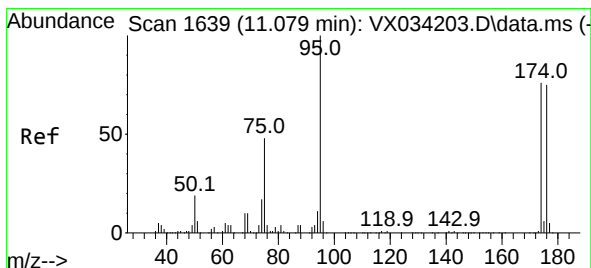
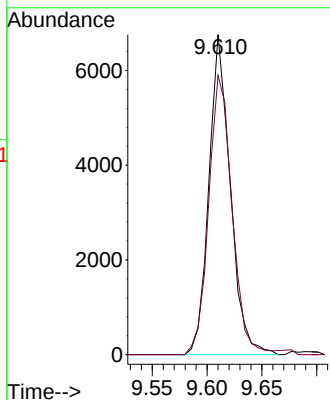
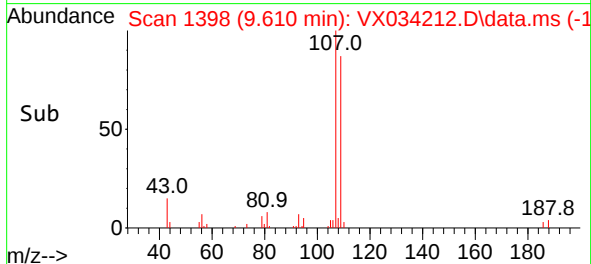
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



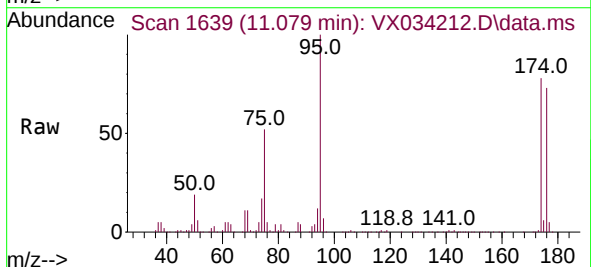
Tgt Ion:107 Resp: 9179
Ion Ratio Lower Upper
107 100
109 95.0 74.2 111.2

Manual Integrations
APPROVED

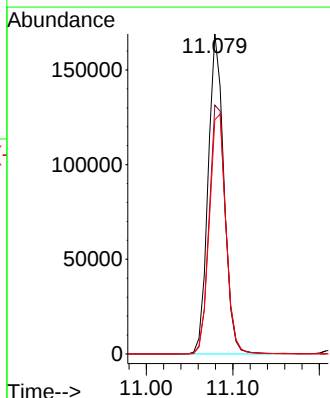
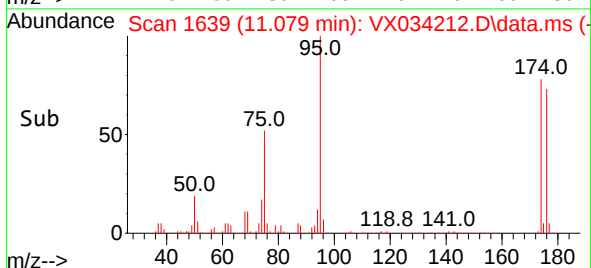
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

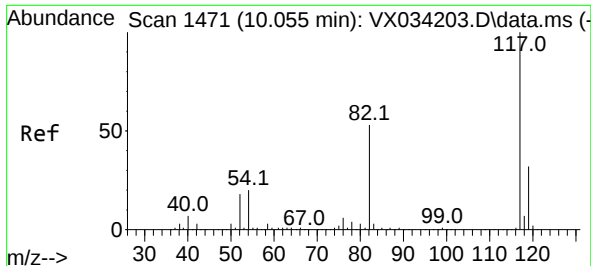


#62
4-Bromofluorobenzene
Concen: 44.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17



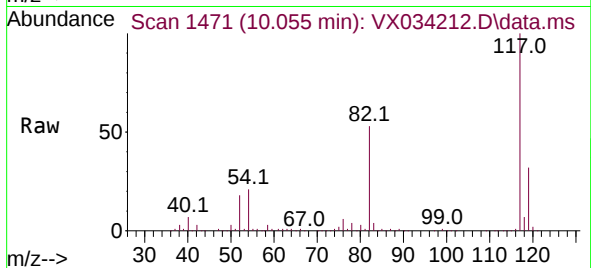
Tgt Ion: 95 Resp: 213919
Ion Ratio Lower Upper
95 100
174 81.4 0.0 184.4
176 78.9 0.0 178.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

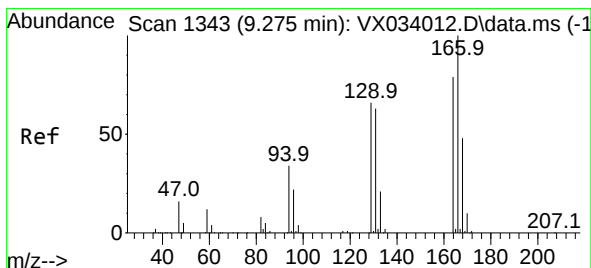
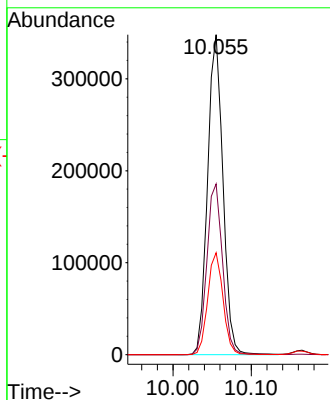
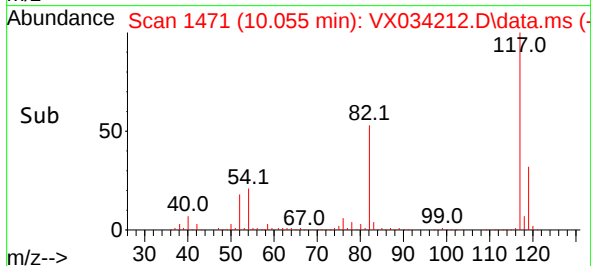
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



Tgt Ion:117 Resp: 472220
Ion Ratio Lower Upper
117 100
82 53.3 40.6 60.8
119 31.9 25.6 38.4

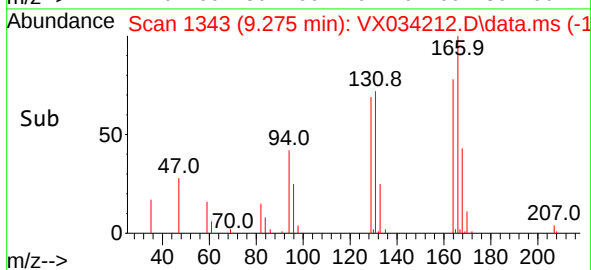
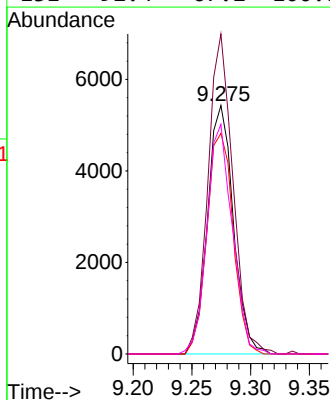
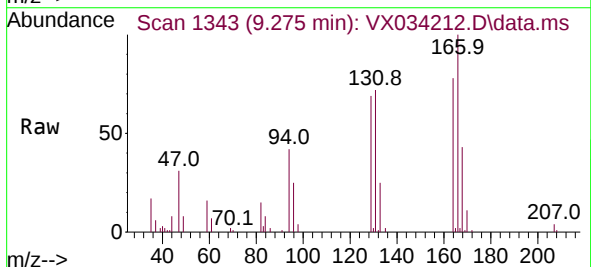
Manual Integrations
APPROVED

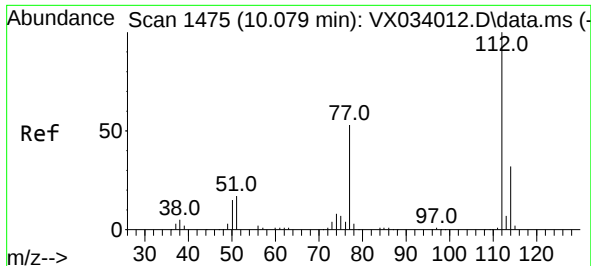
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#64
Tetrachloroethene
Concen: 2.500 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion:164 Resp: 8332
Ion Ratio Lower Upper
164 100
166 128.8 100.2 150.2
129 88.8 69.2 103.8
131 92.4 67.2 100.8





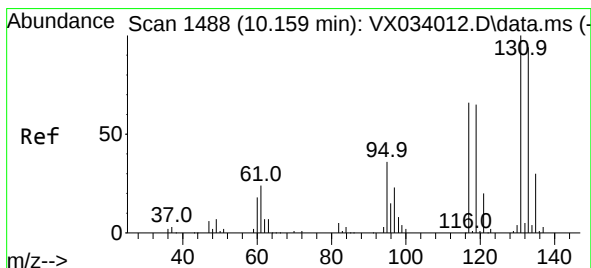
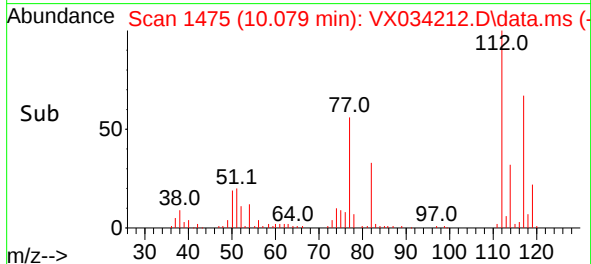
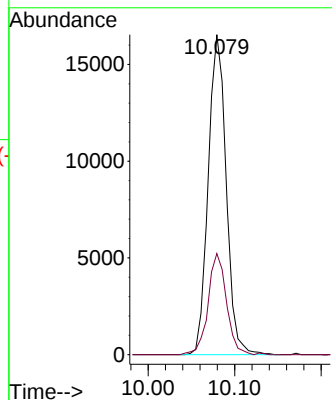
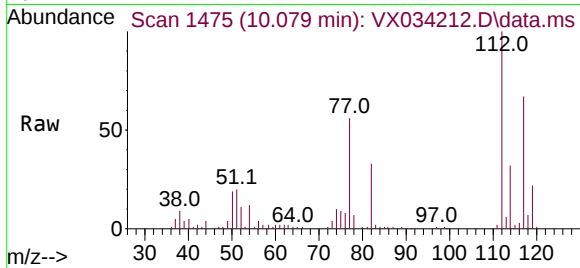
#65
Chlorobenzene
Concen: 2.422 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:112 Resp: 2384
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.4

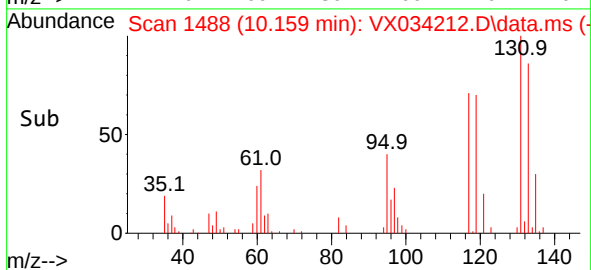
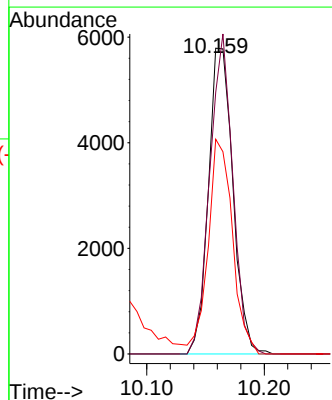
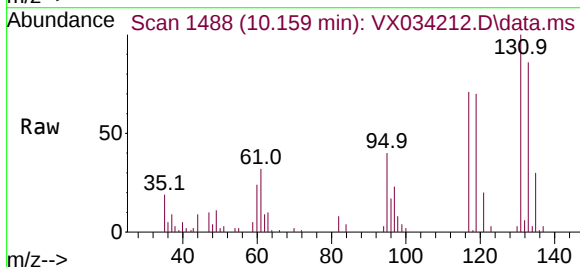
Manual Integrations
APPROVED

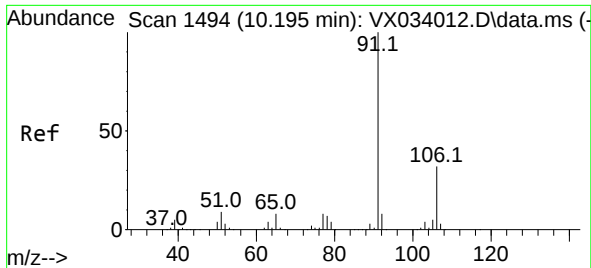
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 2.204 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion:131 Resp: 8397
Ion Ratio Lower Upper
131 100
133 98.4 48.4 145.0
119 69.5 31.9 95.7





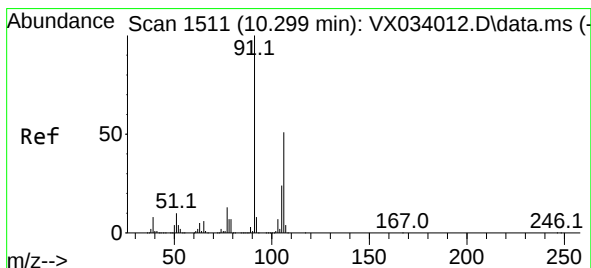
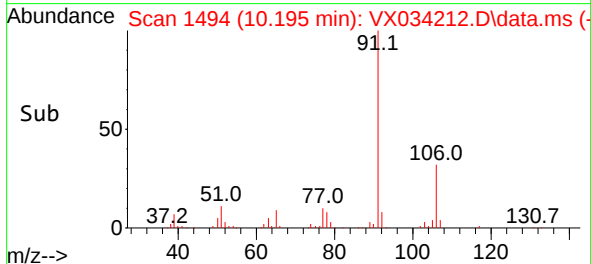
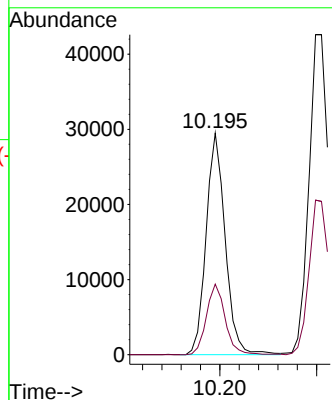
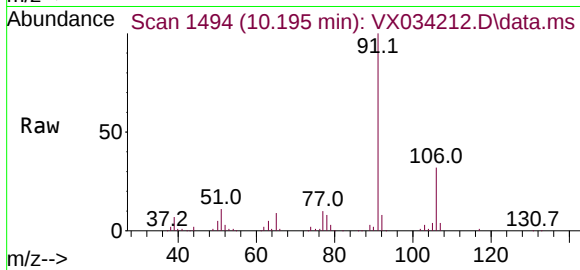
#67
Ethyl Benzene
Concen: 2.295 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91 Resp: 40578
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.8

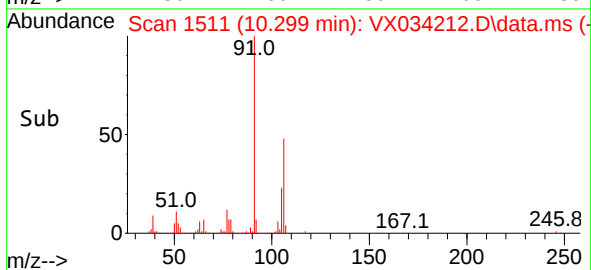
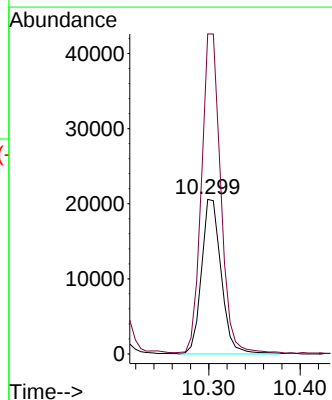
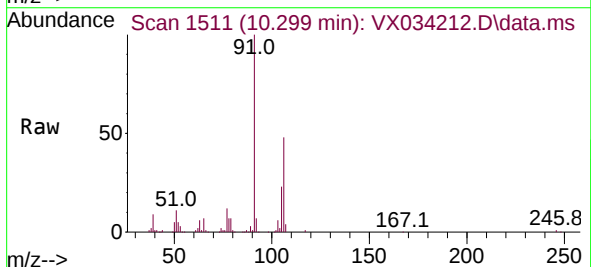
Manual Integrations
APPROVED

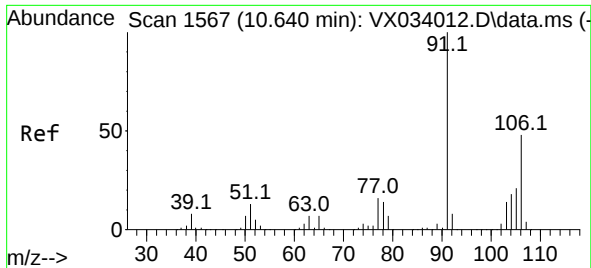
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#68
m/p-Xylenes
Concen: 4.549 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion:106 Resp: 30788
Ion Ratio Lower Upper
106 100
91 202.4 156.4 234.6





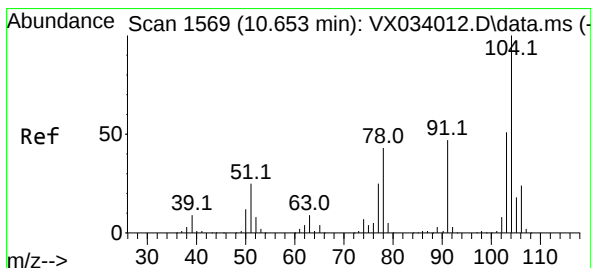
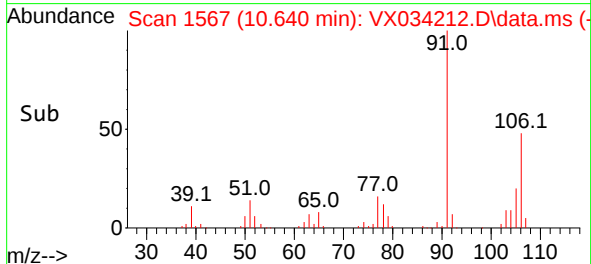
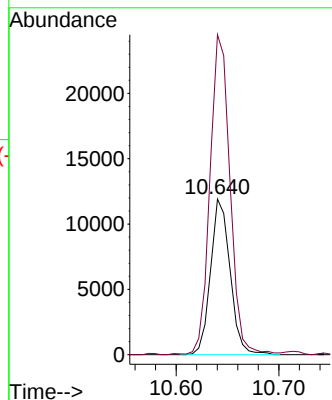
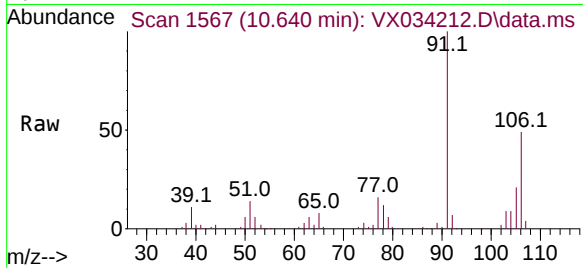
#69
o-Xylene
Concen: 2.332 ug/l
RT: 10.640 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:106 Resp: 1571
Ion Ratio Lower Upper
106 100
91 211.5 103.1 309.3

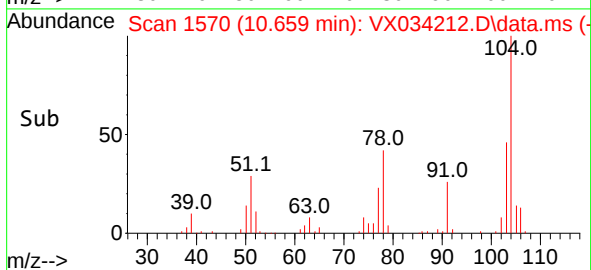
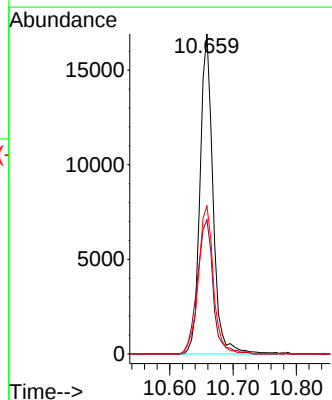
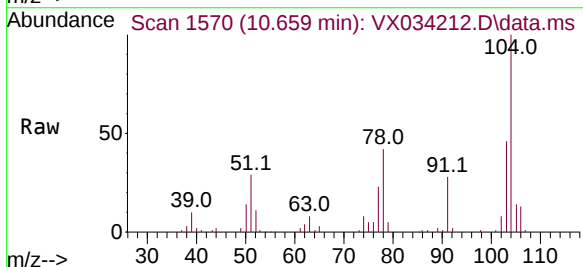
Manual Integrations
APPROVED

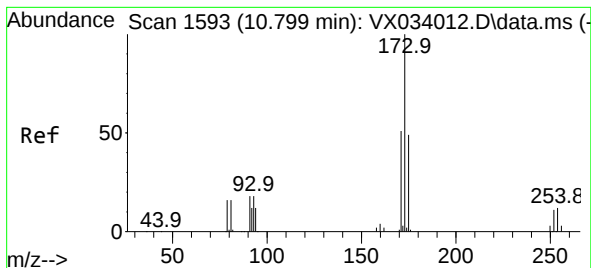
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#70
Styrene
Concen: 2.212 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion:104 Resp: 24239
Ion Ratio Lower Upper
104 100
78 51.1 37.5 56.3
103 53.7 43.3 64.9





#71

Bromoform

Concen: 2.050 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

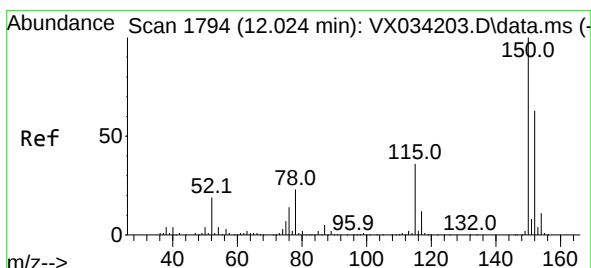
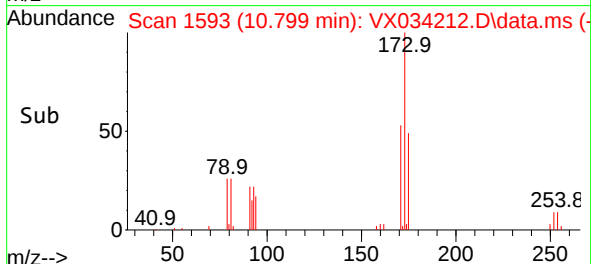
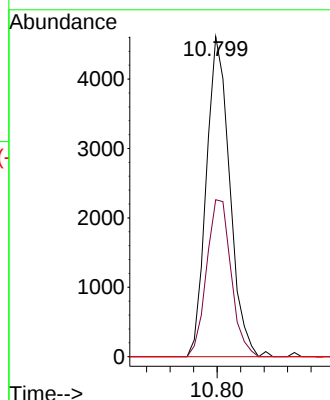
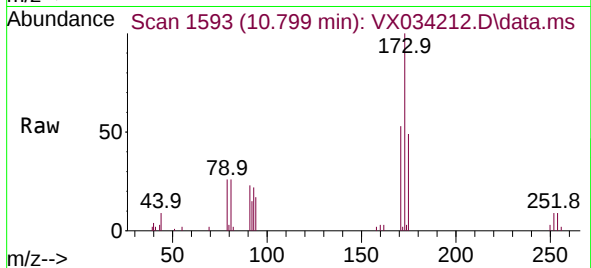
Tgt Ion:173	Resp:	637
Ion Ratio	Lower	Upper
173	100	
175	51.4	24.1 72.3
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

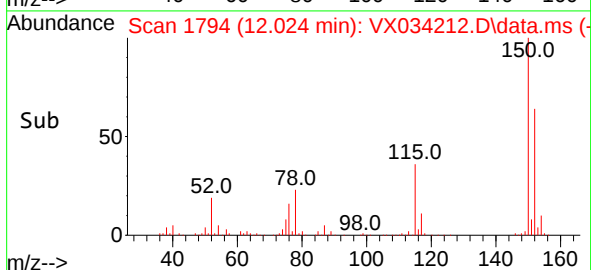
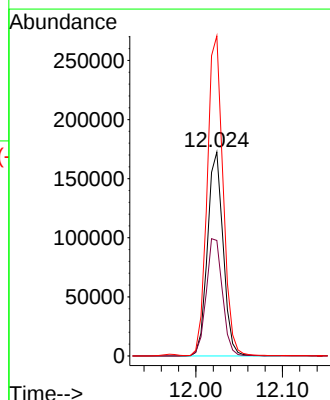
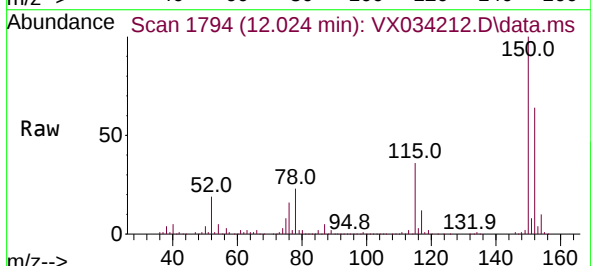
RT: 12.024 min Scan# 1794

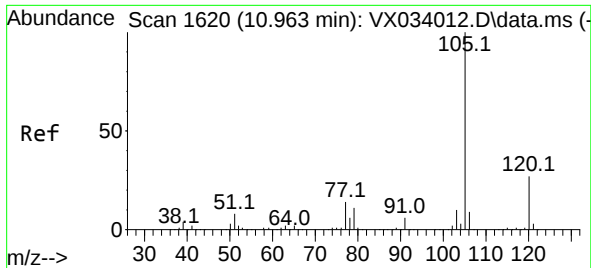
Delta R.T. 0.000 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Tgt Ion:152	Resp:	216150
Ion Ratio	Lower	Upper
152	100	
115	59.8	38.7 116.1
150	159.0	0.0 348.2





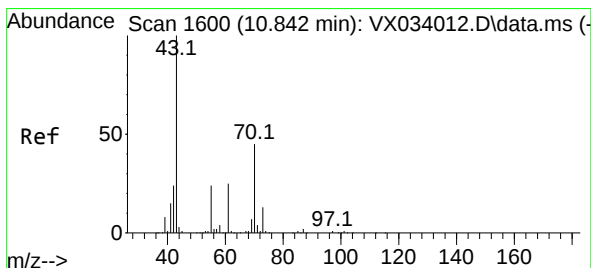
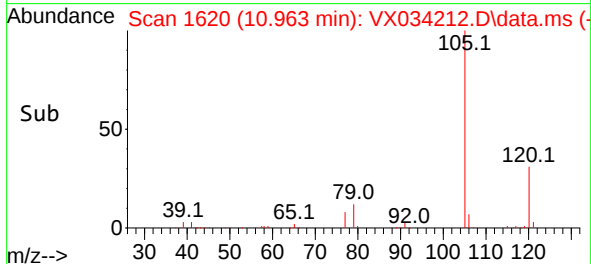
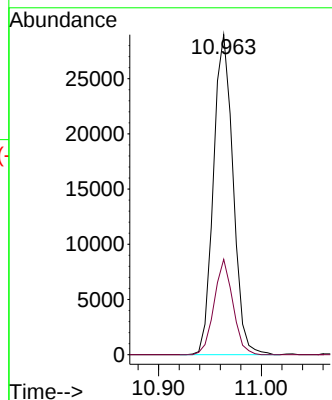
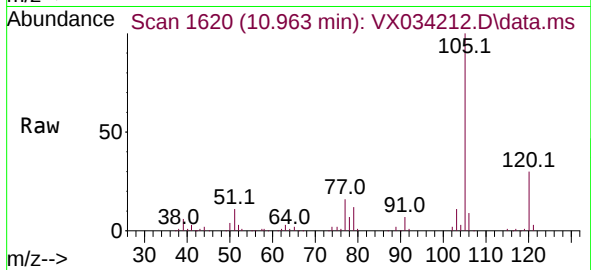
#73
Isopropylbenzene
Concen: 2.326 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:105 Resp: 38319
Ion Ratio Lower Upper
105 100
120 28.4 13.6 40.8

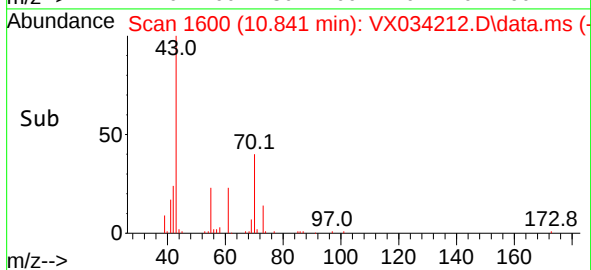
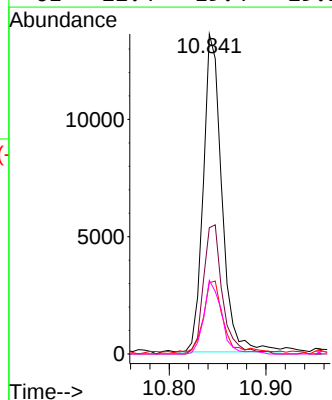
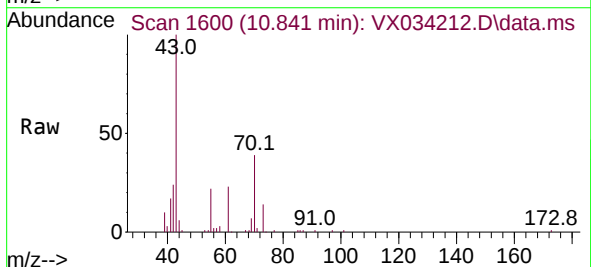
Manual Integrations
APPROVED

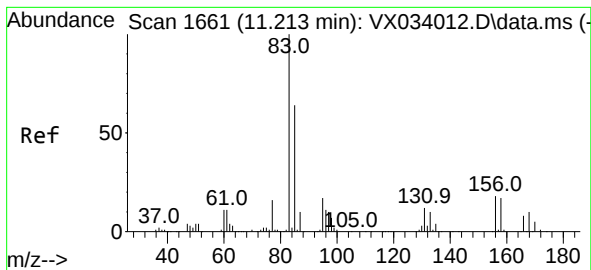
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#74
N-ethyl acetate
Concen: 2.194 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion: 43 Resp: 18161
Ion Ratio Lower Upper
43 100
70 41.9 34.8 52.2
55 26.4 19.4 29.0
61 22.4 19.4 29.2





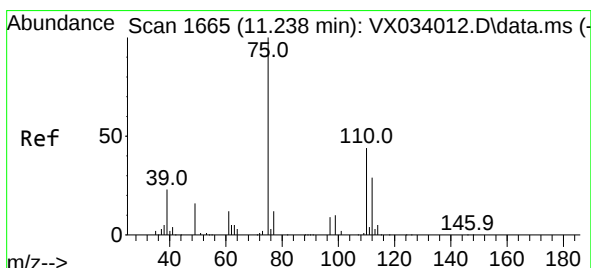
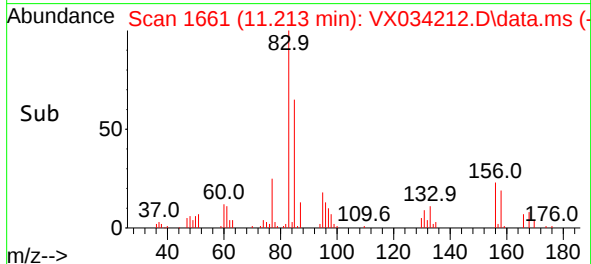
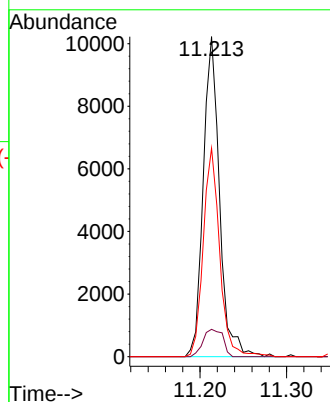
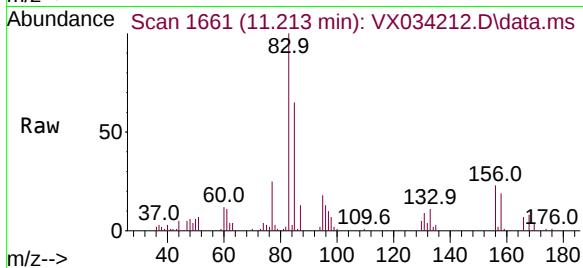
#75
1,1,2,2-Tetrachloroethane
Concen: 2.368 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 83 Resp: 1334
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.7
85 65.9 32.3 96.9

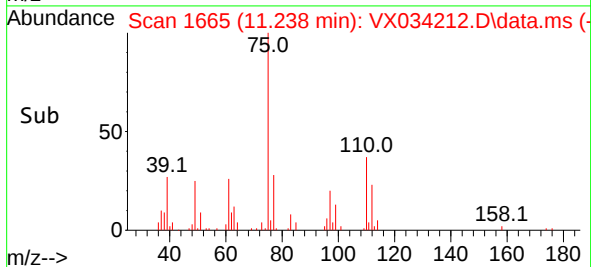
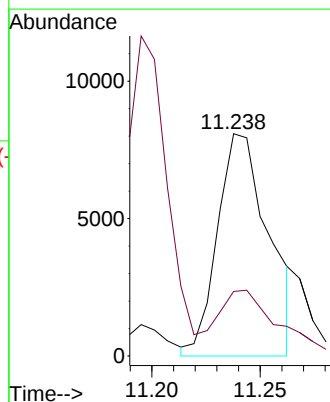
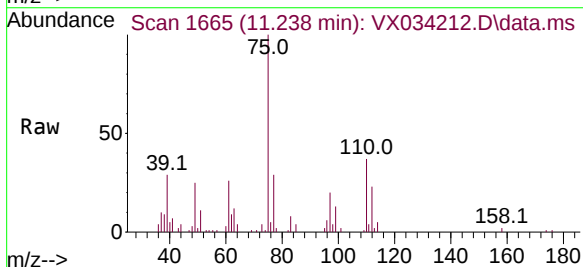
Manual Integrations
APPROVED

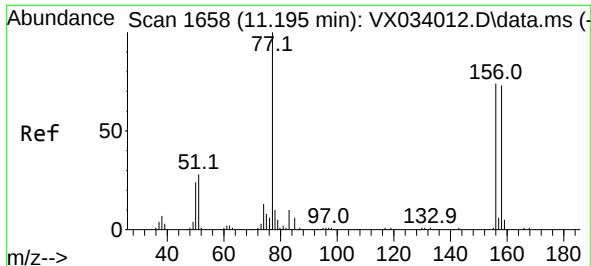
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#76
1,2,3-Trichloropropane
Concen: 2.437 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

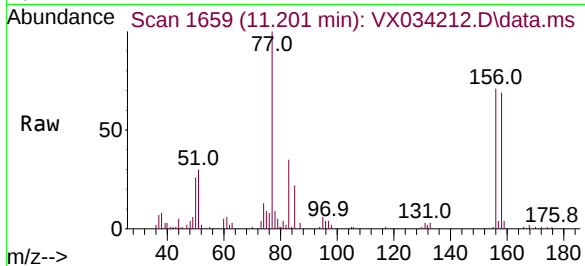
Tgt Ion: 75 Resp: 13255
Ion Ratio Lower Upper
75 100
77 33.5 21.8 65.4





#77
Bromobenzene
Concen: 2.587 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

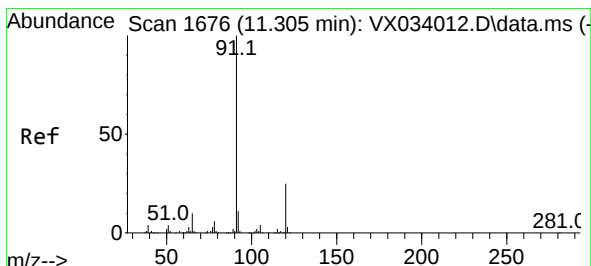
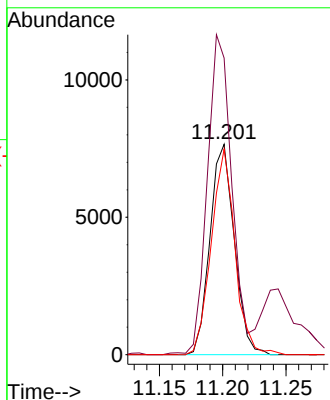
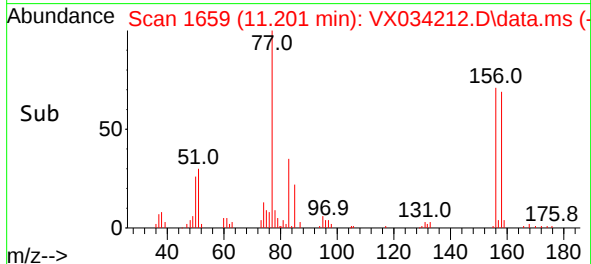
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



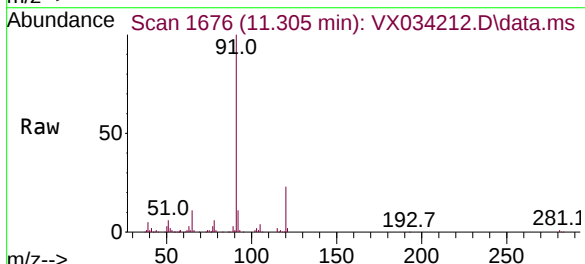
Tgt Ion: 156 Resp: 10250
Ion Ratio Lower Upper
156 100
77 155.0 68.1 204.3
158 94.9 48.0 144.2

Manual Integrations
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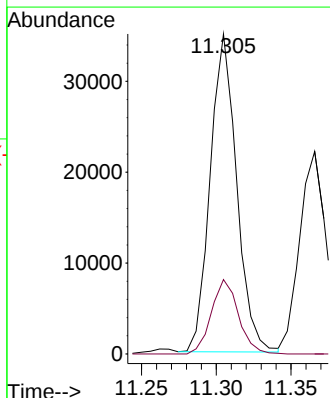
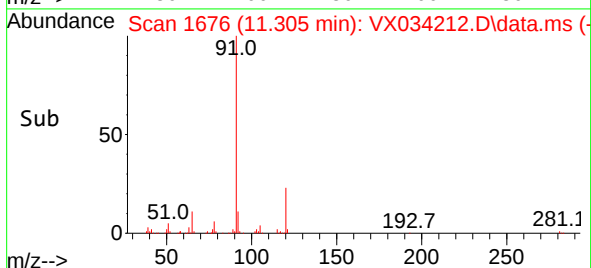
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

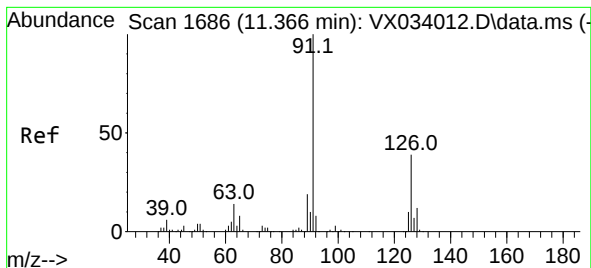


#78
n-propylbenzene
Concen: 2.245 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17



Tgt Ion: 91 Resp: 43020
Ion Ratio Lower Upper
91 100
120 23.9 12.3 36.8





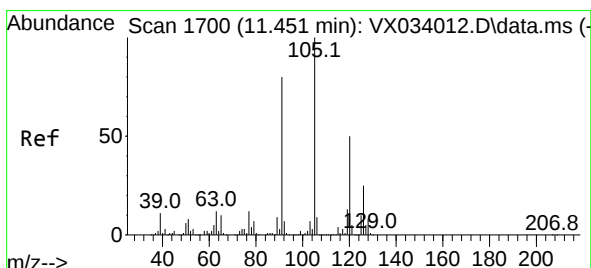
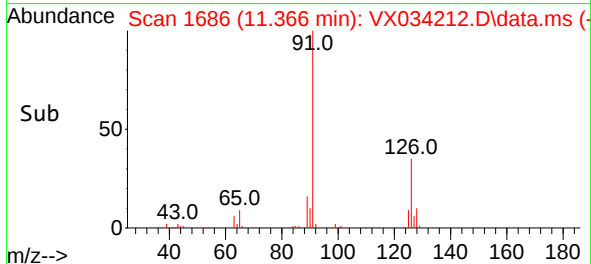
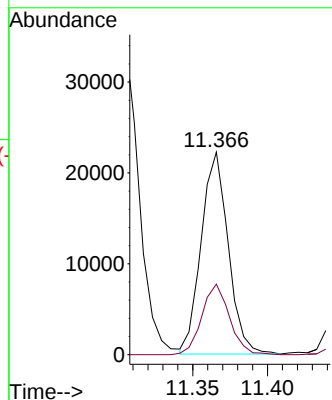
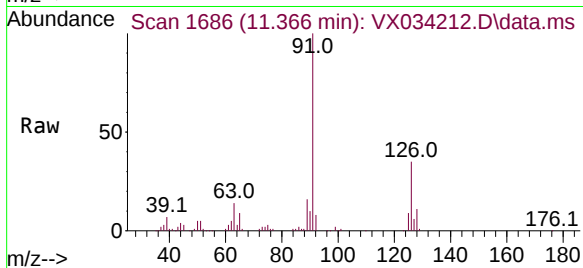
#79
2-Chlorotoluene
Concen: 2.377 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91 Resp: 27929
Ion Ratio Lower Upper
91 100
126 35.7 18.1 54.1

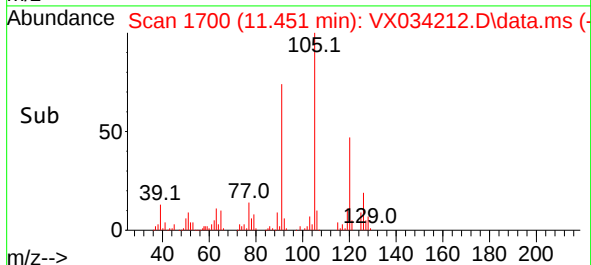
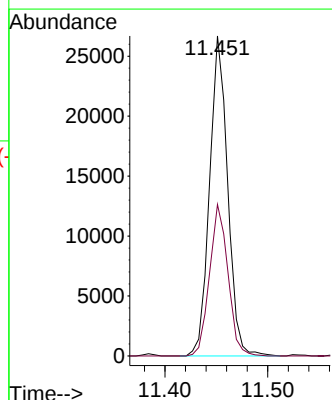
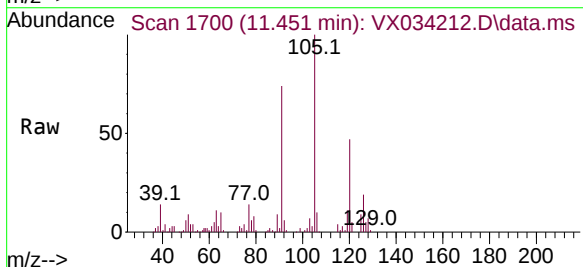
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 2.352 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion:105 Resp: 32571
Ion Ratio Lower Upper
105 100
120 48.2 25.6 76.8





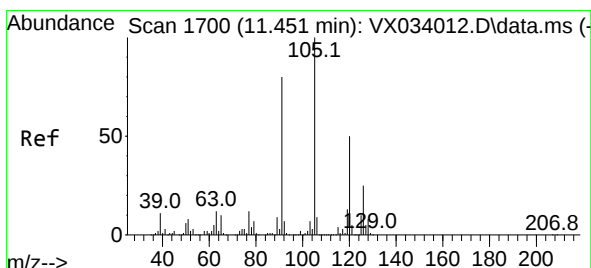
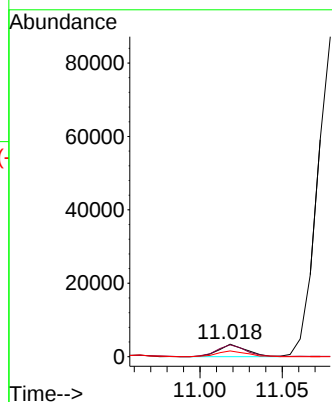
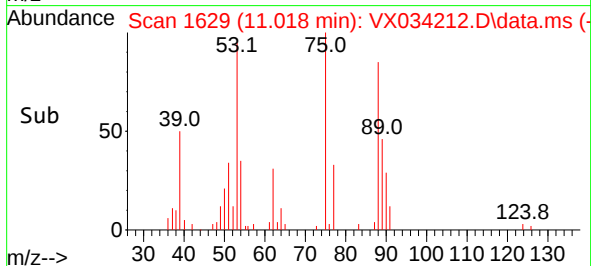
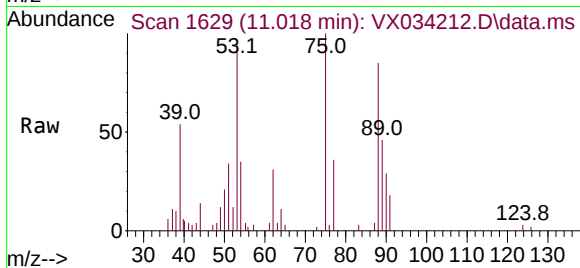
#81
trans-1,4-Dichloro-2-butene
Concen: 1.893 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 75 Resp: 4000
Ion Ratio Lower Upper
75 100
53 103.6 83.0 124.6
89 49.0 37.7 56.5

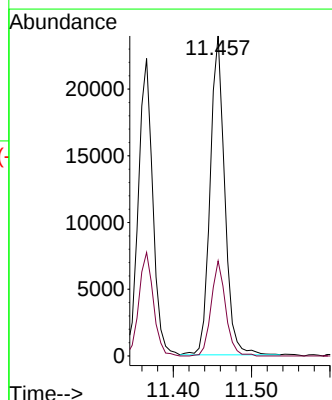
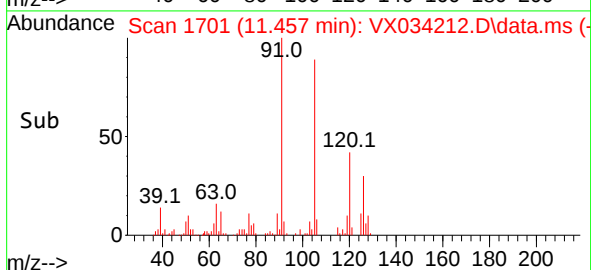
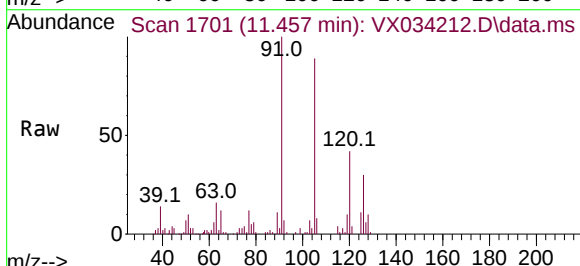
Manual Integrations
APPROVED

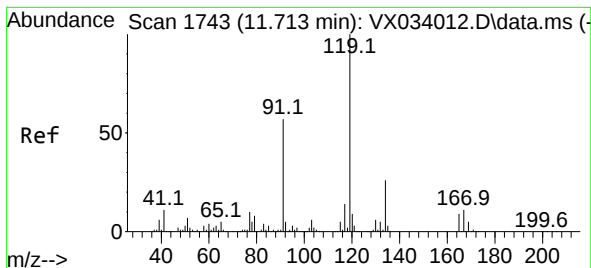
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#82
4-Chlorotoluene
Concen: 2.309 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion: 91 Resp: 30900
Ion Ratio Lower Upper
91 100
126 29.5 15.8 47.4





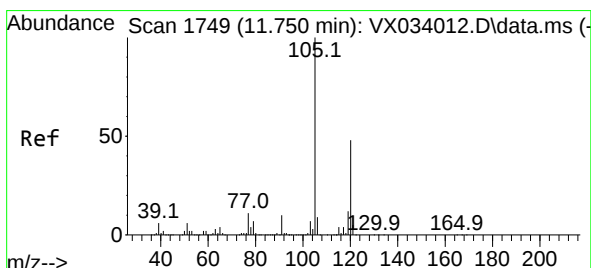
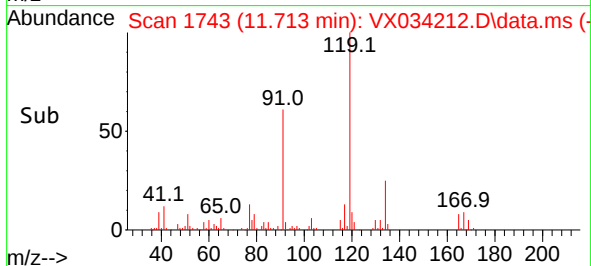
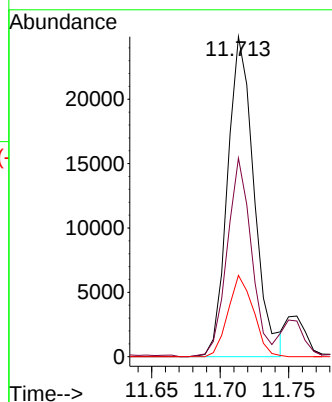
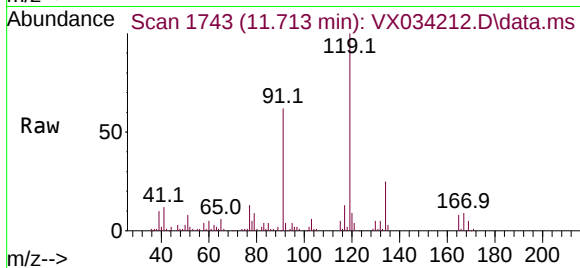
#83
tert-Butylbenzene
Concen: 2.361 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:119 Resp: 33492
Ion Ratio Lower Upper
119 100
91 57.1 26.9 80.7
134 24.2 12.3 36.8

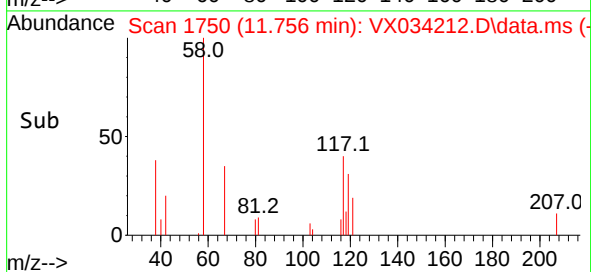
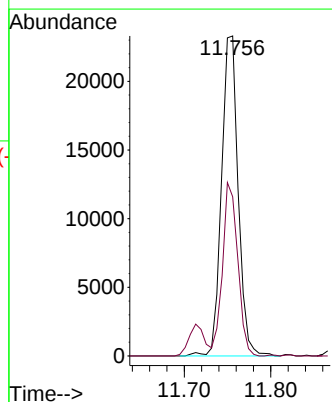
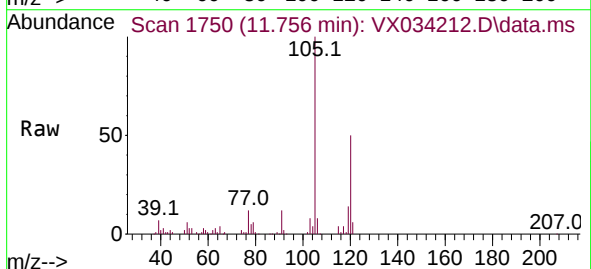
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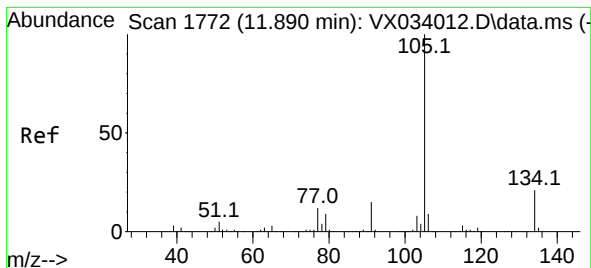
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 2.222 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

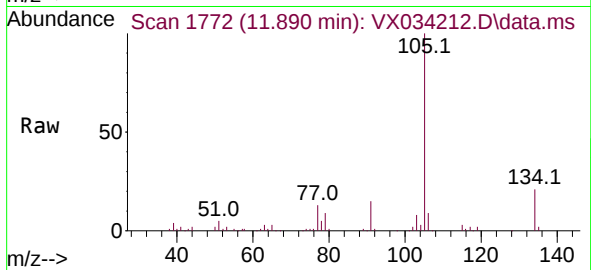
Tgt Ion:105 Resp: 31111
Ion Ratio Lower Upper
105 100
120 49.3 23.4 70.2





#85
 sec-Butylbenzene
 Concen: 2.270 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX034212.D
 Acq: 21 Feb 2023 16:17

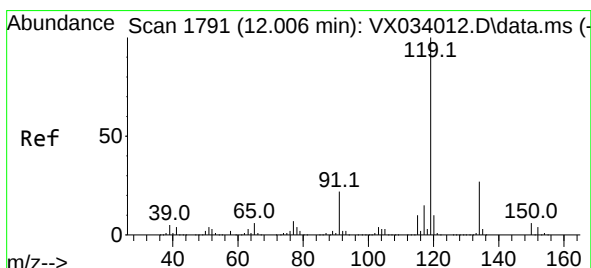
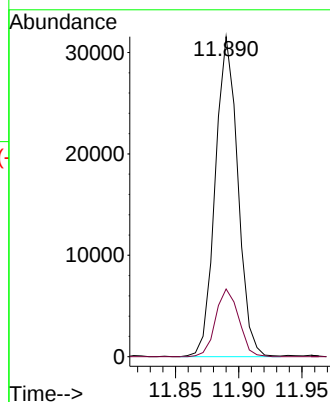
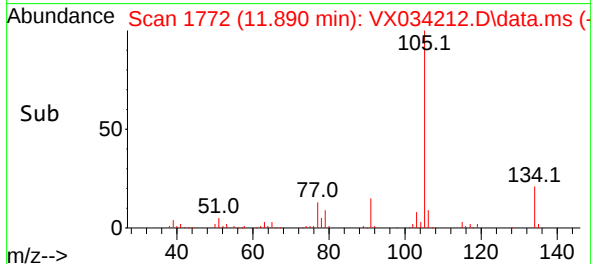
Instrument : MSVOA_X
 ClientSampleId : LOD-MDL-WATER-01-QT1-2023



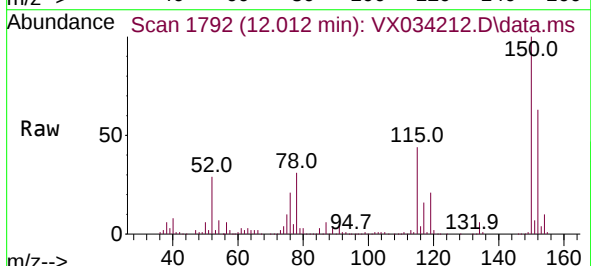
Tgt Ion:105 Resp: 3910
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.8 32.3

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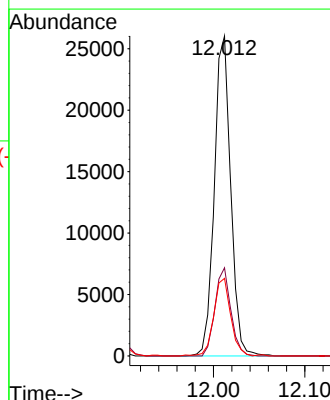
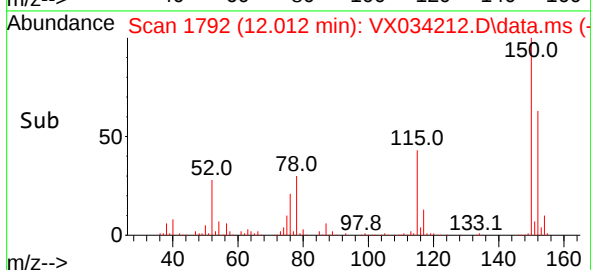
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

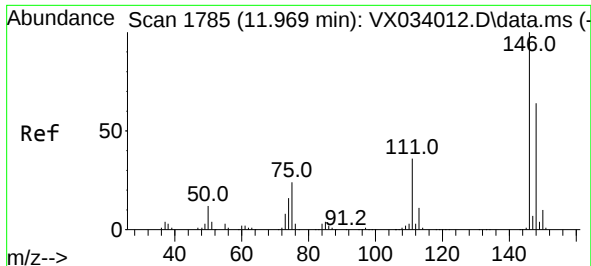


#86
 p-Isopropyltoluene
 Concen: 2.266 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX034212.D
 Acq: 21 Feb 2023 16:17



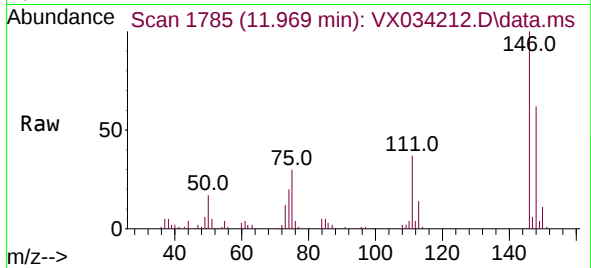
Tgt Ion:119 Resp: 32302
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.8
 91 25.0 11.0 33.0





#87
1,3-Dichlorobenzene
Concen: 2.399 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

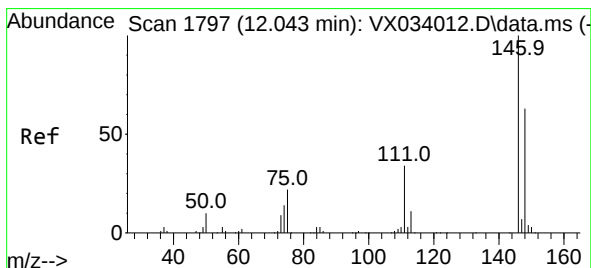
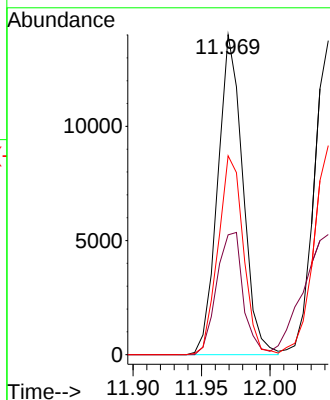
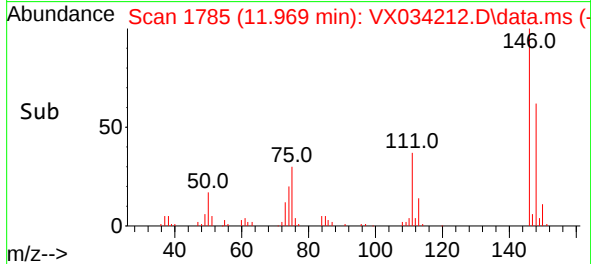
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023



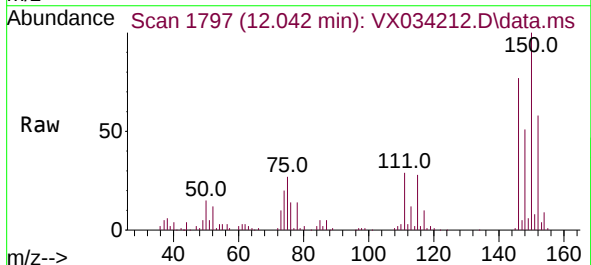
Tgt Ion:146 Resp: 1783
Ion Ratio Lower Upper
146 100
111 40.4 18.6 55.6
148 62.8 31.9 95.5

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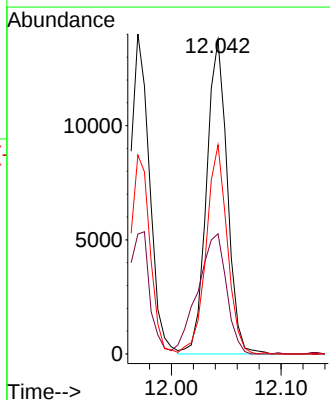
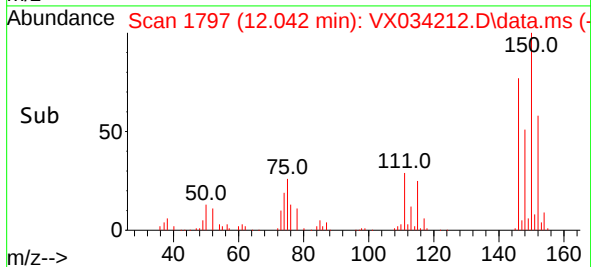
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

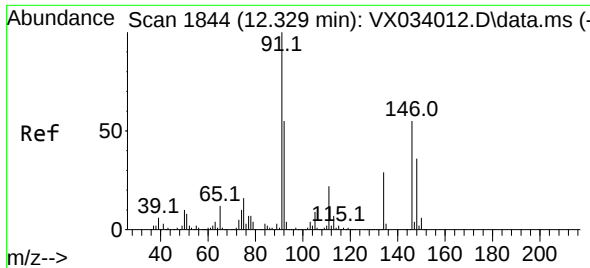


#88
1,4-Dichlorobenzene
Concen: 2.415 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17



Tgt Ion:146 Resp: 18112
Ion Ratio Lower Upper
146 100
111 52.9 17.8 53.4
148 67.6 32.1 96.3





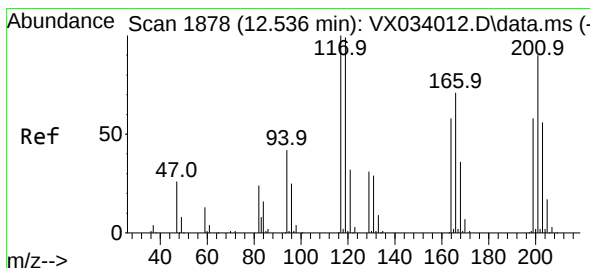
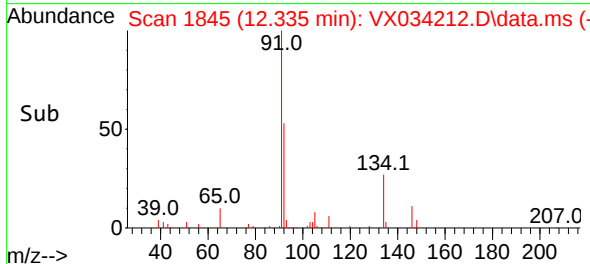
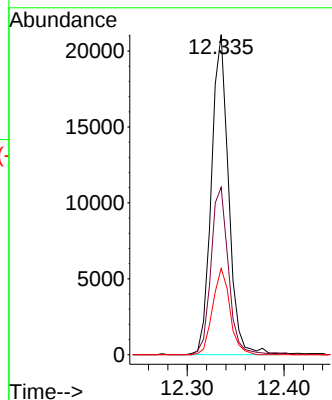
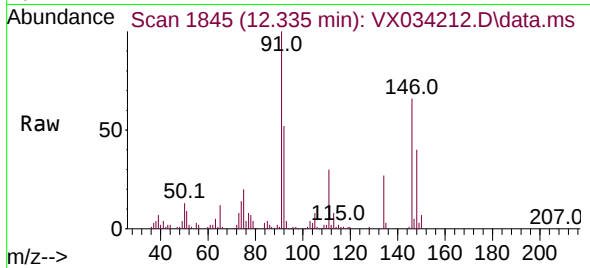
#89
n-Butylbenzene
Concen: 2.053 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion: 91 Resp: 2606
Ion Ratio Lower Upper
91 100
92 53.0 27.5 82.5
134 27.0 14.3 42.9

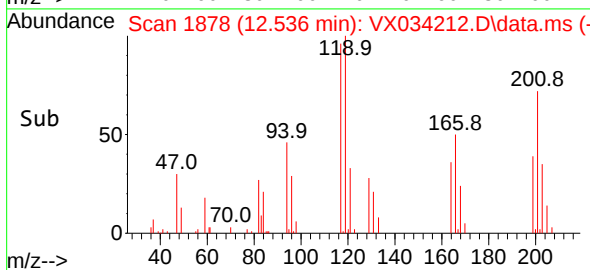
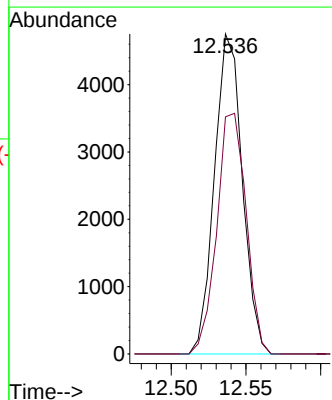
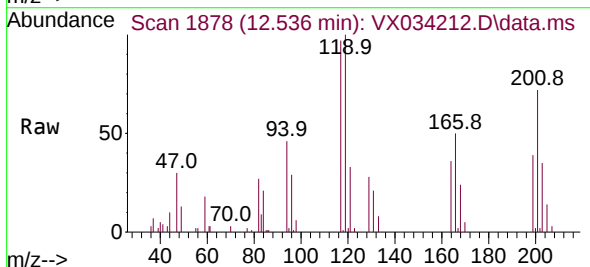
Manual Integrations
APPROVED

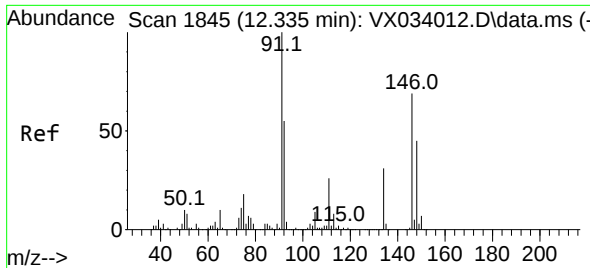
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#90
Hexachloroethane
Concen: 2.064 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion:117 Resp: 6151
Ion Ratio Lower Upper
117 100
201 79.4 45.1 135.3





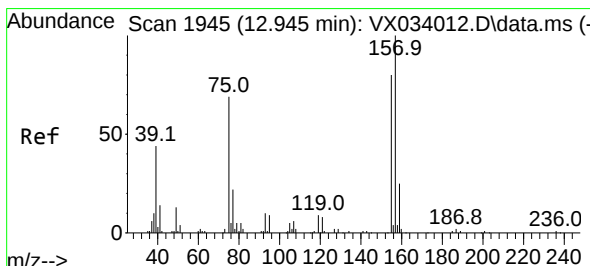
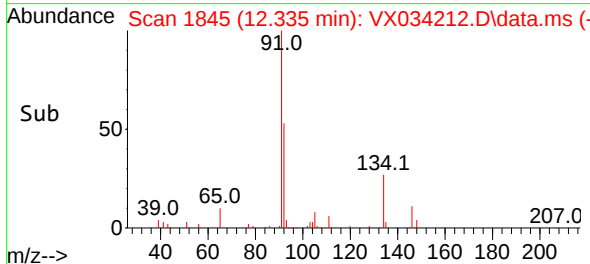
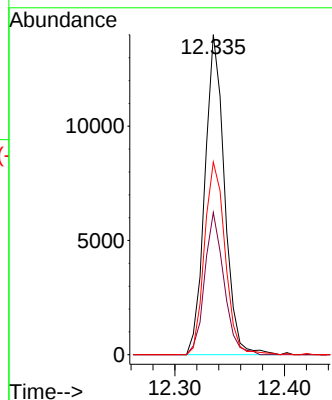
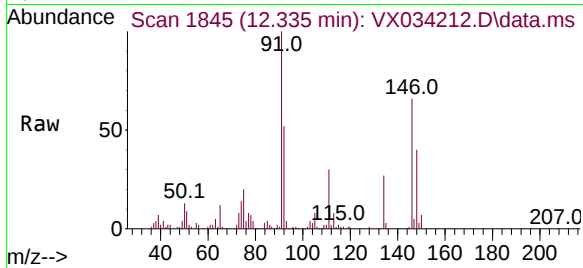
#91
1,2-Dichlorobenzene
Concen: 2.394 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT1-2023

Tgt Ion:146 Resp: 1741
Ion Ratio Lower Upper
146 100
111 43.6 19.3 57.8
148 63.4 32.3 96.9

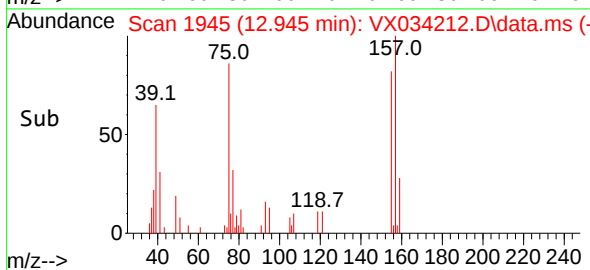
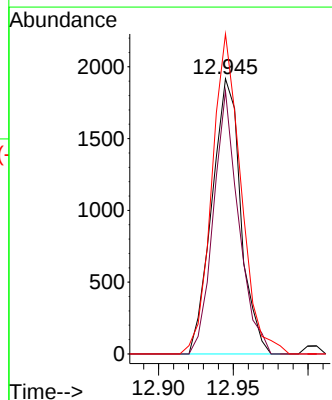
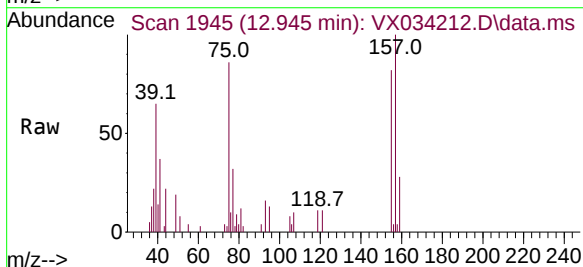
Manual Integrations
APPROVED

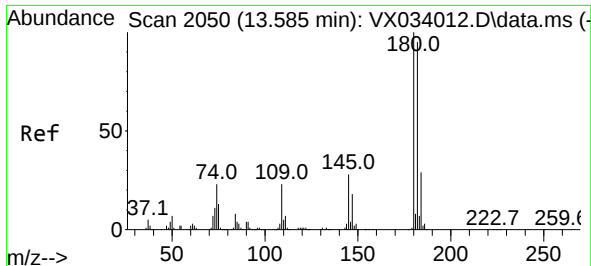
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.913 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion: 75 Resp: 2570
Ion Ratio Lower Upper
75 100
155 83.7 51.7 155.1
157 116.7 67.5 202.3





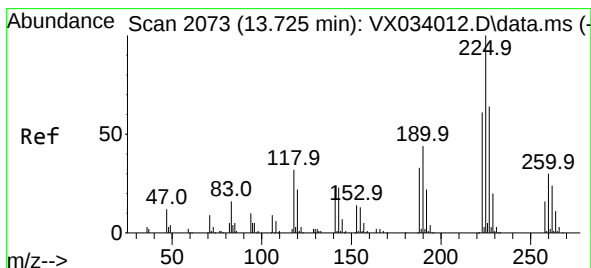
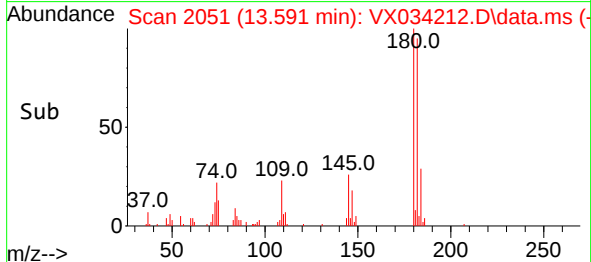
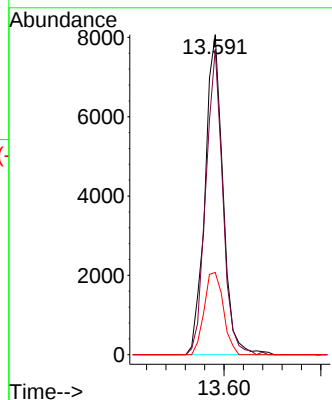
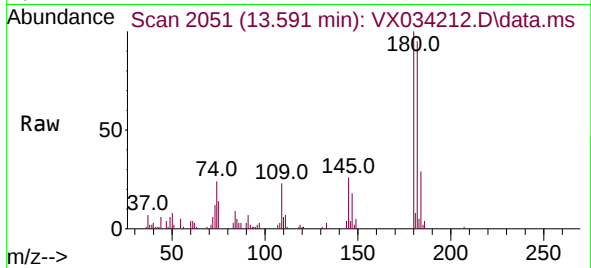
#93
1,2,4-Trichlorobenzene
Concen: 2.230 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Tgt Ion:180 Resp: 1041
Ion Ratio Lower Upper
180 100
182 90.4 47.9 143.6
145 27.4 14.1 42.2

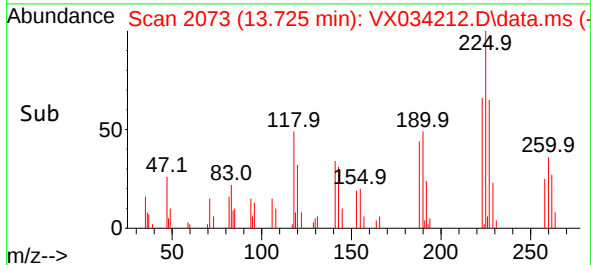
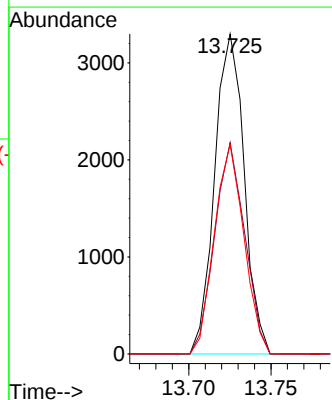
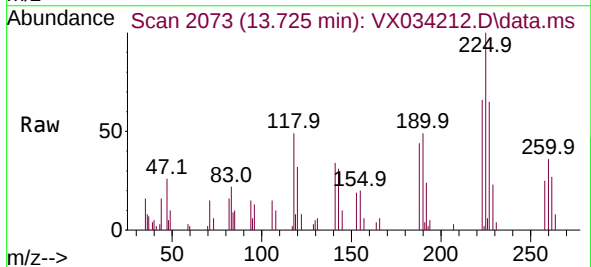
Manual Integrations
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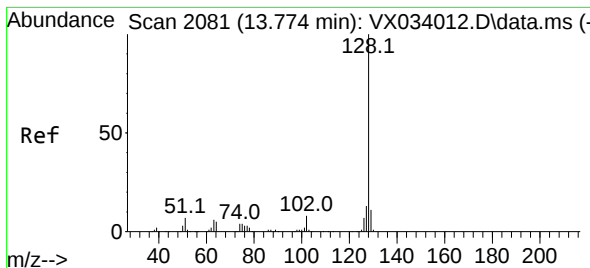
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#94
Hexachlorobutadiene
Concen: 2.122 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034212.D
Acq: 21 Feb 2023 16:17

Tgt Ion:225 Resp: 4109
Ion Ratio Lower Upper
225 100
223 67.4 31.3 93.9
227 65.8 32.3 96.9





#95

Naphthalene

Concen: 2.199 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2023

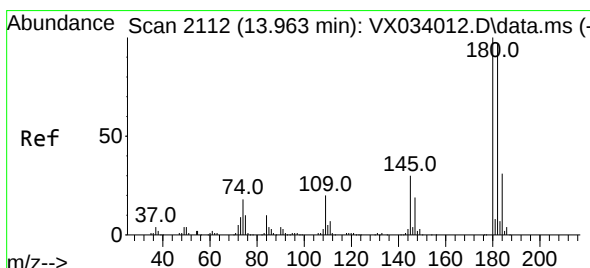
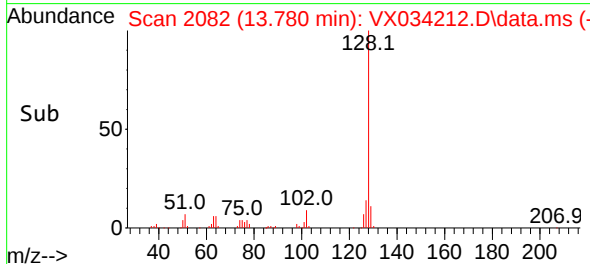
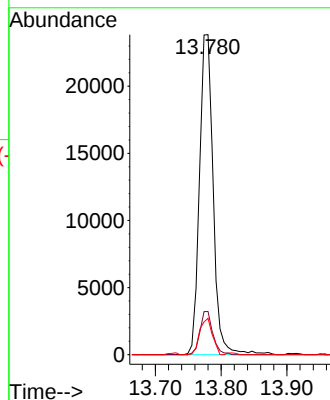
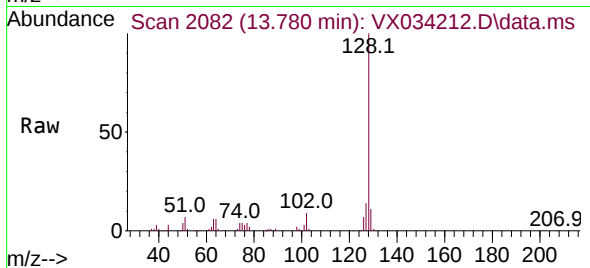
Tgt Ion:	128	Resp:	3460
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	10.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 2.201 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034212.D

Acq: 21 Feb 2023 16:17

Tgt Ion:	180	Resp:	10206
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.6	142.9
145	30.3	15.1	45.3

