

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072123\
 Data File : VX036614.D
 Acq On : 21 Jul 2023 17:17
 Operator : JC/MD
 Sample : 03572-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Jul 22 05:13:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	136321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227621	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77968	38.654	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	77.300%#		
35) Dibromofluoromethane	5.385	113	71445	45.665	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.340%		
50) Toluene-d8	8.647	98	270218	48.704	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.400%		
62) 4-Bromofluorobenzene	11.079	95	96656	46.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1580	0.877	ug/l	95
3) Chloromethane	1.300	50	1516	0.926	ug/l	94
4) Vinyl Chloride	1.374	62	1311	0.786	ug/l #	71
5) Bromomethane	1.617	94	1091	1.096	ug/l	94
6) Chloroethane	1.684	64	1121	1.383	ug/l #	77
7) Trichlorofluoromethane	1.886	101	2060	0.800	ug/l	99
8) Diethyl Ether	2.136	74	665	0.667	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	1123	0.726	ug/l #	80
10) Methyl Iodide	2.453	142	1014	0.631	ug/l	99
11) Tert butyl alcohol	2.995	59	1819	3.809	ug/l #	78
12) 1,1-Dichloroethene	2.318	96	1620	1.061	ug/l #	69
13) Acrolein	2.239	56	1523	5.588	ug/l #	59
14) Allyl chloride	2.666	41	2247	0.748	ug/l	96
15) Acrylonitrile	3.068	53	3982	4.146	ug/l	87
16) Acetone	2.398	43	3881	4.637	ug/l	98
17) Carbon Disulfide	2.514	76	3903	0.926	ug/l #	85
18) Methyl Acetate	2.709	43	2317	0.658	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	3430	0.598	ug/l	99
20) Methylene Chloride	2.788	84	2217	1.191	ug/l	85
21) trans-1,2-Dichloroethene	3.093	96	1414	0.829	ug/l	94
22) Diisopropyl ether	3.763	45	4276	0.749	ug/l	89
23) Vinyl Acetate	3.727	43	12732	2.908	ug/l	99
24) 1,1-Dichloroethane	3.611	63	2350	0.734	ug/l #	84
25) 2-Butanone	4.580	43	5111	3.764	ug/l	93
26) 2,2-Dichloropropane	4.477	77	2484	0.824	ug/l	88
27) cis-1,2-Dichloroethene	4.495	96	1621	0.800	ug/l	86
28) Bromochloromethane	4.903	49	1074	0.694	ug/l #	98
29) Tetrahydrofuran	5.031	42	3424	3.911	ug/l #	90
30) Chloroform	5.105	83	2635	0.805	ug/l	89
31) Cyclohexane	5.458	56	2217	0.794	ug/l #	87
32) 1,1,1-Trichloroethane	5.391	97	2444	0.815	ug/l #	49
36) 1,1-Dichloropropene	5.696	75	1969	0.844	ug/l #	94
37) Ethyl Acetate	4.721	43	642	0.243	ug/l #	69
38) Carbon Tetrachloride	5.678	117	2021	0.815	ug/l #	83
39) Methylcyclohexane	7.379	83	2473	0.853	ug/l	92
40) Benzene	6.043	78	5164	0.761	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	1498	1.061	ug/l #	31
42) 1,2-Dichloroethane	6.086	62	1717	0.692	ug/l	87
43) Isopropyl Acetate	6.348	43	2348	0.517	ug/l #	92
44) Trichloroethene	7.129	130	1311	0.739	ug/l	80
45) 1,2-Dichloropropane	7.440	63	1330	0.734	ug/l	98
46) Dibromomethane	7.586	93	805	0.635	ug/l #	83
47) Bromodichloromethane	7.824	83	2051	0.788	ug/l #	88
48) Methyl methacrylate	7.696	41	1188	0.562	ug/l #	56
49) 1,4-Dioxane	7.714	88	757	17.735	ug/l #	75
51) 4-Methyl-2-Pentanone	8.573	43	8295	3.299	ug/l	97
52) Toluene	8.720	92	3283	0.772	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	1869	0.635	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	2105	0.678	ug/l	89
55) 1,1,2-Trichloroethane	9.159	97	1261	0.706	ug/l	91
56) Ethyl methacrylate	9.122	69	2035	0.699	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	1779	0.598	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.250	63	4097	2.857	ug/l	94
59) 2-Hexanone	9.433	43	6593	3.533	ug/l	96
60) Dibromochloromethane	9.525	129	1217	0.620	ug/l	98
61) 1,2-Dibromoethane	9.610	107	1159	0.626	ug/l	96
64) Tetrachloroethene	9.275	164	1198	0.816	ug/l	90
65) Chlorobenzene	10.079	112	3398	0.783	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1259	0.751	ug/l #	65
67) Ethyl Benzene	10.195	91	6523	0.823	ug/l	98
68) m/p-Xylenes	10.305	106	4501	1.522	ug/l	93
69) o-Xylene	10.646	106	2256	0.764	ug/l	89
70) Styrene	10.658	104	3527	0.724	ug/l	97
71) Bromoform	10.799	173	771	0.568	ug/l #	88
73) Isopropylbenzene	10.963	105	5869	0.805	ug/l	98
74) N-amyl acetate	10.841	43	2155	0.634	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	1789	0.726	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	1913	0.923	ug/l	98
77) Bromobenzene	11.201	156	1186	0.714	ug/l	88
78) n-propylbenzene	11.305	91	7194	0.853	ug/l	98
79) 2-Chlorotoluene	11.366	91	4291	0.839	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4963	0.813	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	49926	54.581	ug/l #	5
82) 4-Chlorotoluene	11.457	91	5129	0.881	ug/l	100
83) tert-Butylbenzene	11.713	119	4866	0.812	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	4984	0.817	ug/l	97
85) sec-Butylbenzene	11.890	105	5873	0.786	ug/l	99
86) p-Isopropyltoluene	12.006	119	5014	0.815	ug/l	89
87) 1,3-Dichlorobenzene	11.969	146	2360	0.767	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	2360	0.773	ug/l	95
89) n-Butylbenzene	12.335	91	4241	0.770	ug/l	98
90) Hexachloroethane	12.536	117	1082	0.868	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	2184	0.736	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	413	0.721	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	1283	0.701	ug/l	99
94) Hexachlorobutadiene	13.725	225	586	0.774	ug/l	97
95) Naphthalene	13.774	128	4135	0.649	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1217	0.675	ug/l	97

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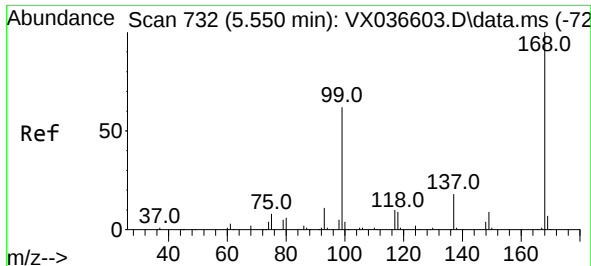
Manual Integrations
APPROVED

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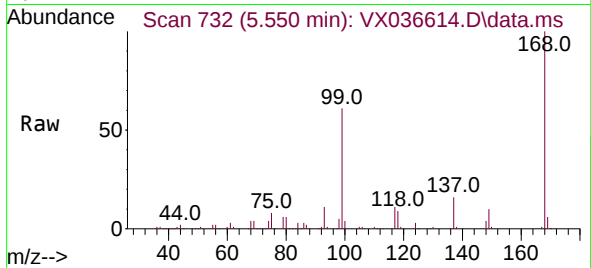
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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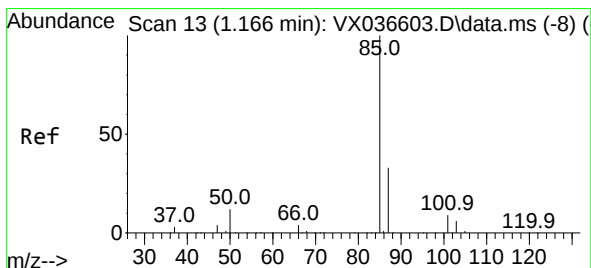
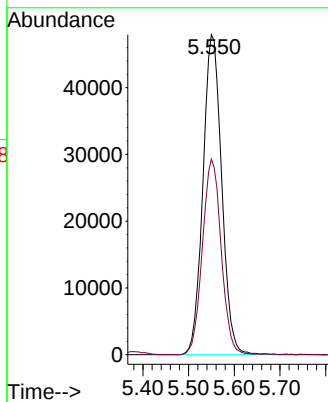
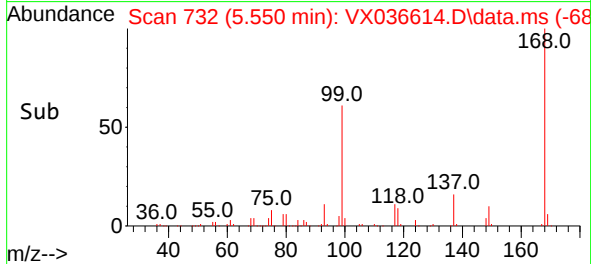
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:168 Resp: 13632
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0

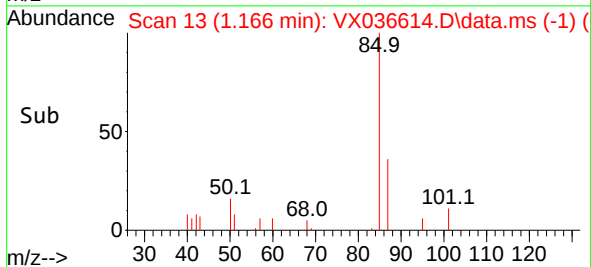
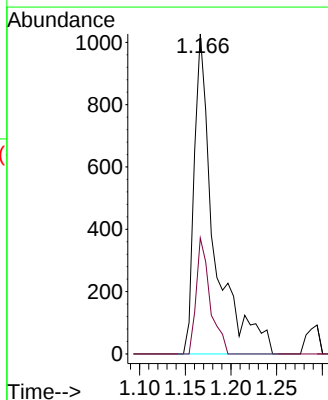
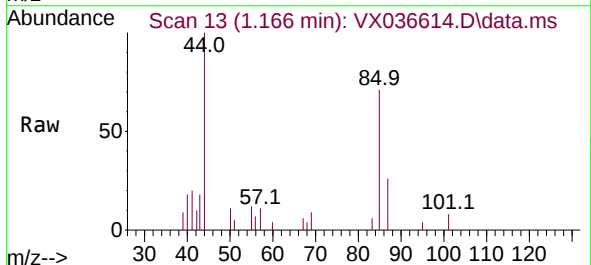
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#2
Dichlorodifluoromethane
Concen: 0.877 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

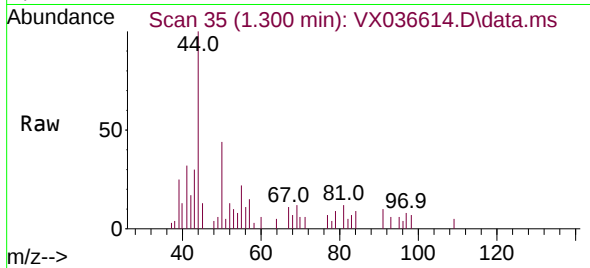
Tgt Ion: 85 Resp: 1580
Ion Ratio Lower Upper
85 100
87 36.2 16.7 50.1





#3
Chloromethane
Concen: 0.926 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

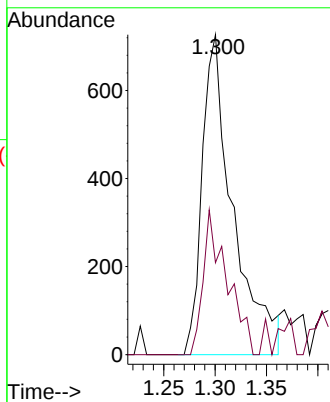
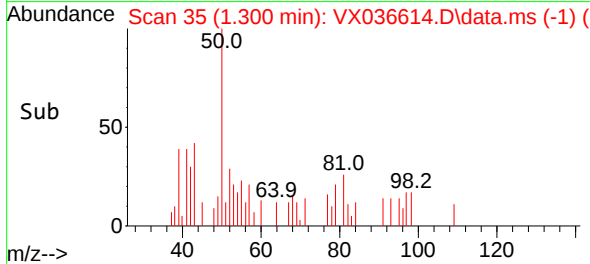
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



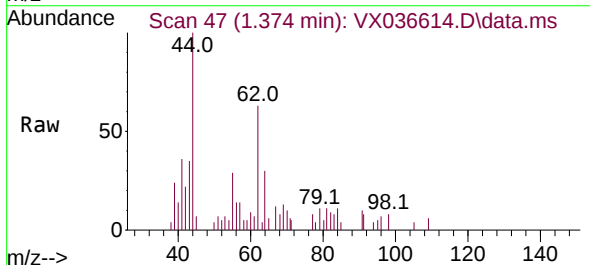
Tgt Ion: 50 Resp: 1510
Ion Ratio Lower Upper
50 100
52 28.7 25.5 38.3

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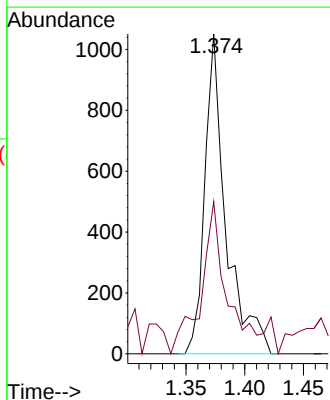
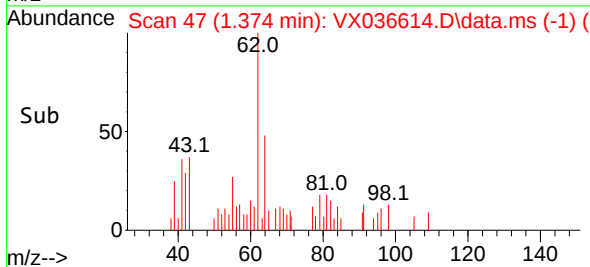
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#4
Vinyl Chloride
Concen: 0.786 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17



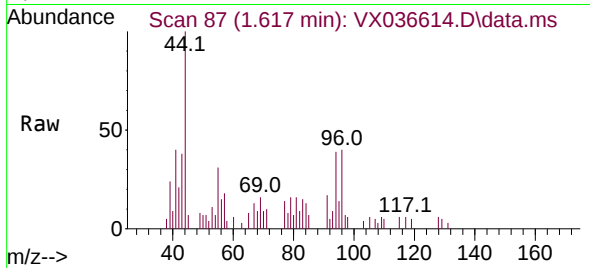
Tgt Ion: 62 Resp: 1311
Ion Ratio Lower Upper
62 100
64 47.6 25.4 38.0#





#5
Bromomethane
Concen: 1.096 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

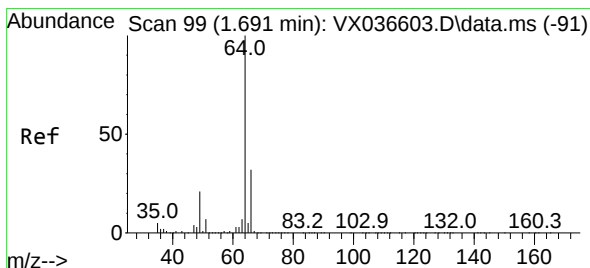
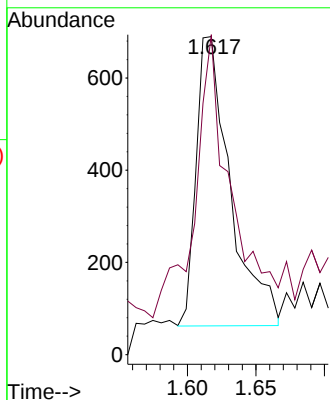
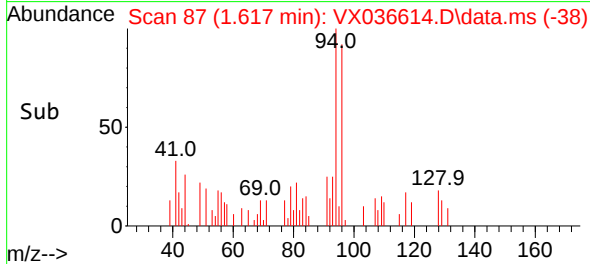
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 94 Resp: 109
Ion Ratio Lower Upper
94 100
96 87.6 74.6 111.8

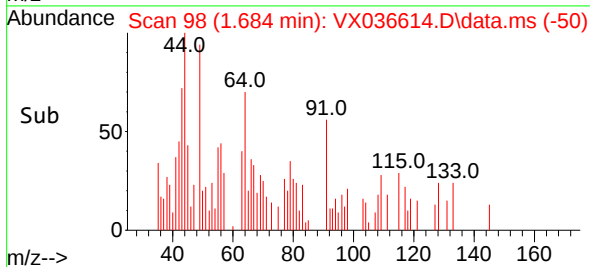
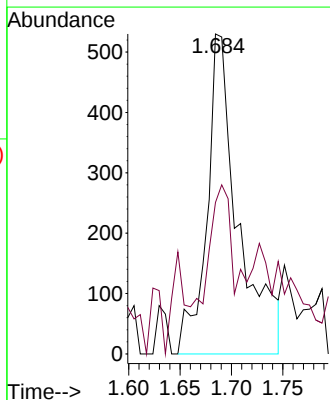
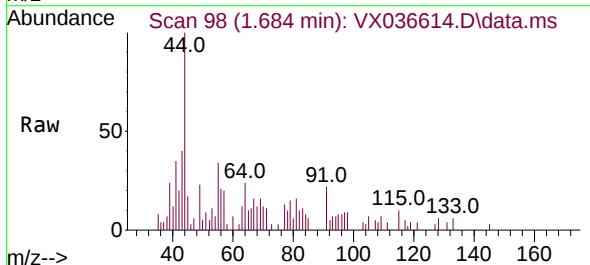
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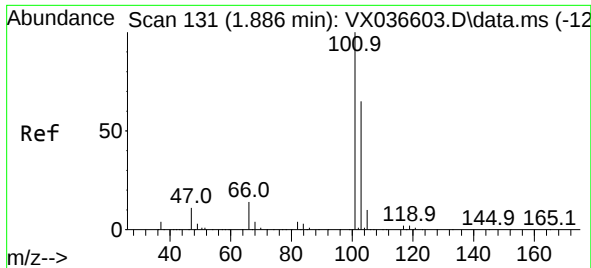
Reviewed By :John Carlone 07/24/2023
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#6
Chloroethane
Concen: 1.383 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

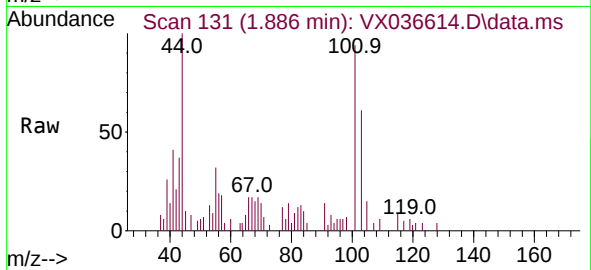
Tgt Ion: 64 Resp: 1121
Ion Ratio Lower Upper
64 100
66 18.5 25.1 37.7#





#7
 Trichlorofluoromethane
 Concen: 0.800 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. -0.000 min
 Lab File: VX036614.D
 Acq: 21 Jul 2023 17:17

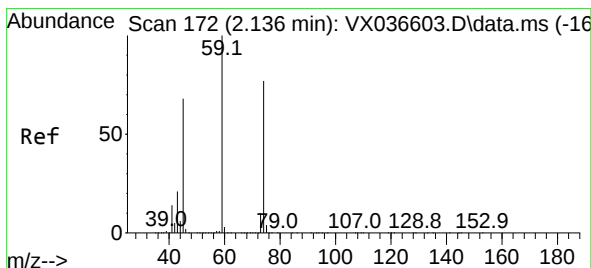
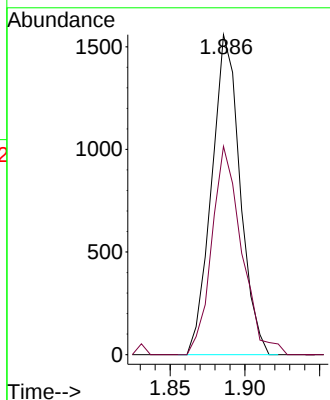
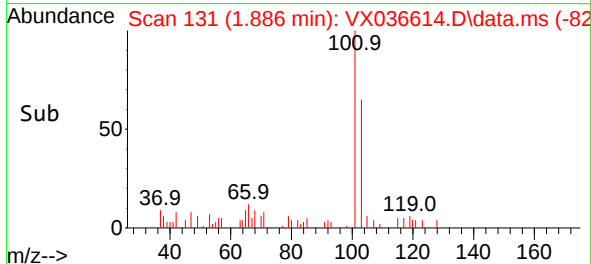
Instrument : MSVOA_X
 ClientSampleId :
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Tgt Ion:101 Resp: 2060
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.4 77.2

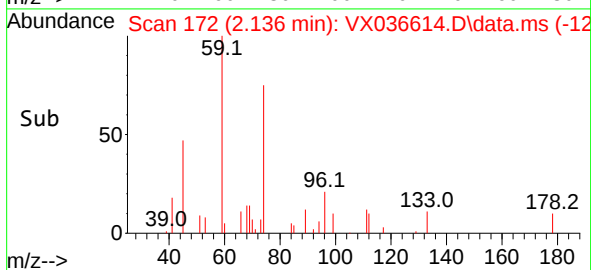
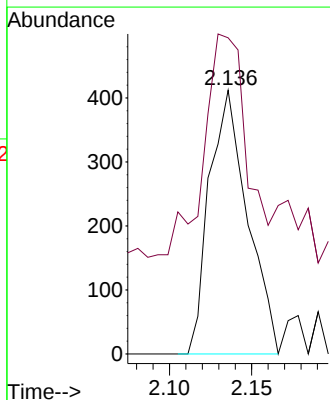
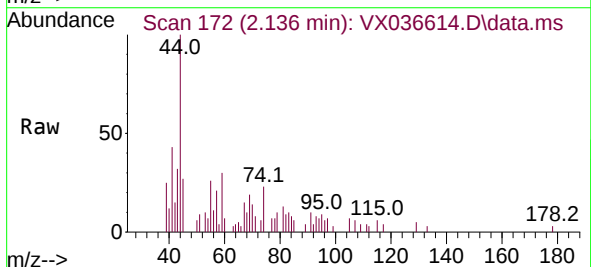
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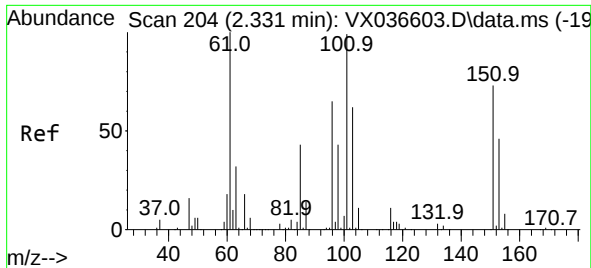
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#8
 Diethyl Ether
 Concen: 0.667 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX036614.D
 Acq: 21 Jul 2023 17:17

Tgt Ion: 74 Resp: 665
 Ion Ratio Lower Upper
 74 100
 45 90.8 53.3 159.8





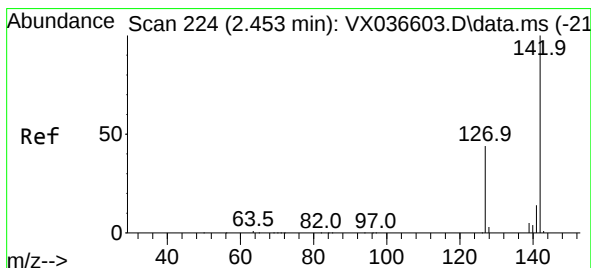
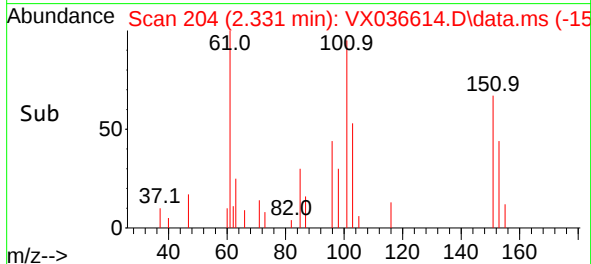
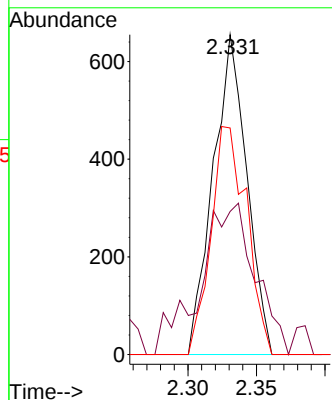
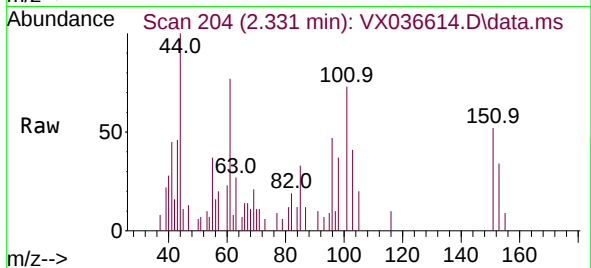
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.726 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 112
Ion Ratio Lower Upper
101 100
85 77.5 37.0 55.6
151 75.2 58.6 87.8

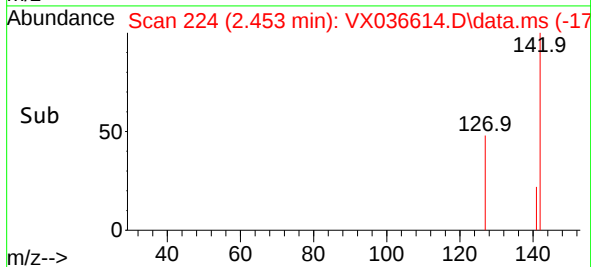
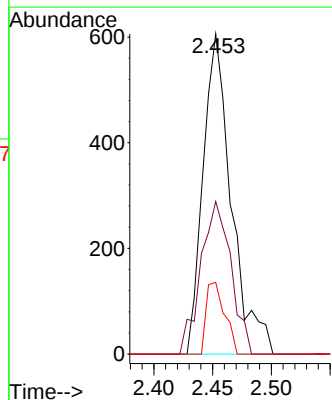
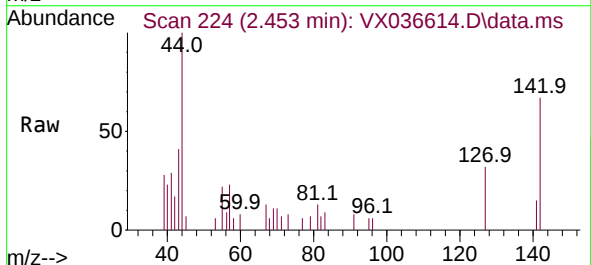
Manual Integrations
APPROVED

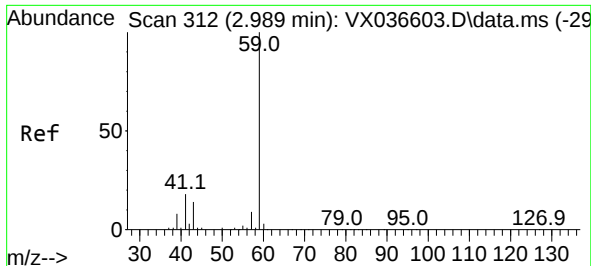
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#10
Methyl Iodide
Concen: 0.631 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

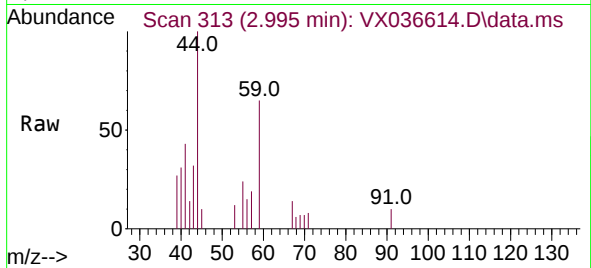
Tgt Ion:142 Resp: 1014
Ion Ratio Lower Upper
142 100
127 50.8 41.6 62.4
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 3.809 ug/l
RT: 2.995 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

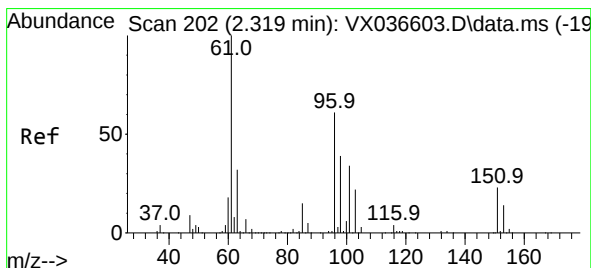
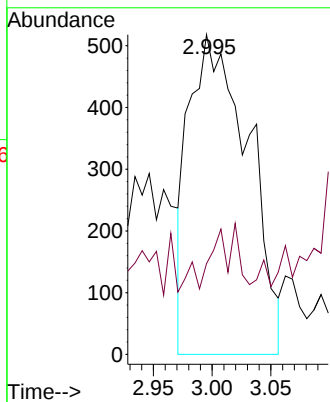
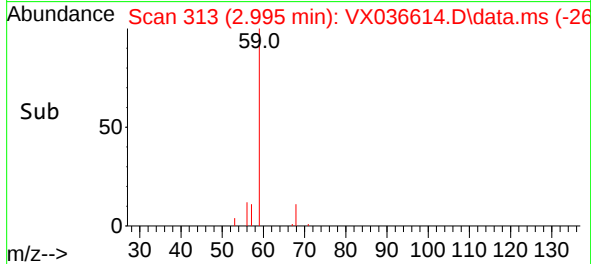
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 59 Resp: 1819
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0

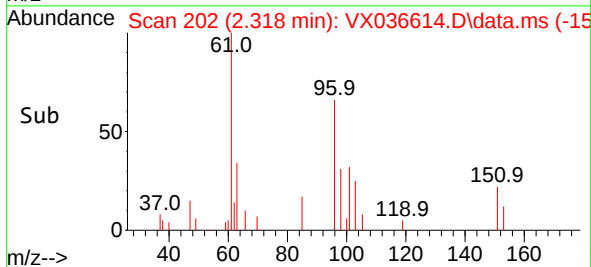
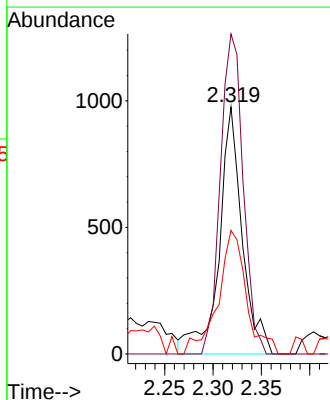
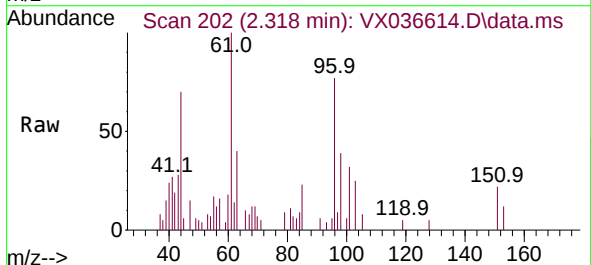
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#12
1,1-Dichloroethene
Concen: 1.061 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

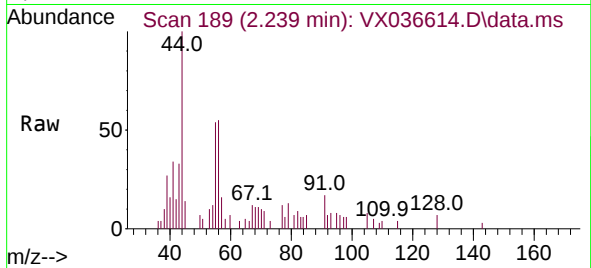
Tgt Ion: 96 Resp: 1620
Ion Ratio Lower Upper
96 100
61 129.6 144.6 216.8#
98 50.1 50.4 75.6#





#13
Acrolein
Concen: 5.588 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

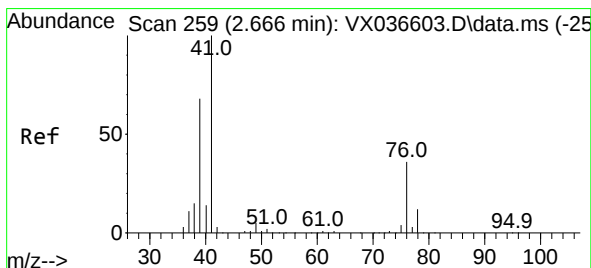
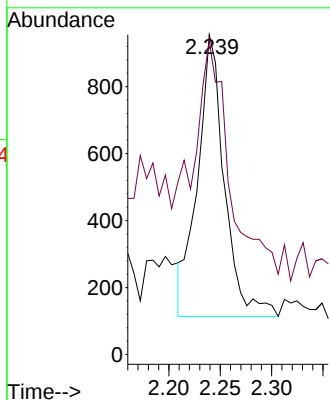
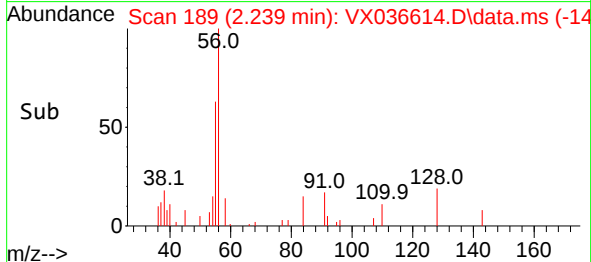
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 56 Resp: 152
Ion Ratio Lower Upper
56 100
55 105.5 57.1 85.7

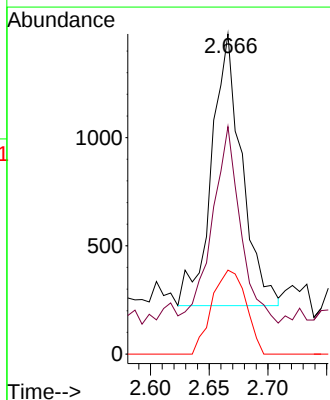
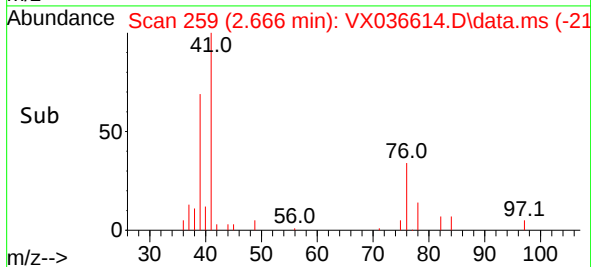
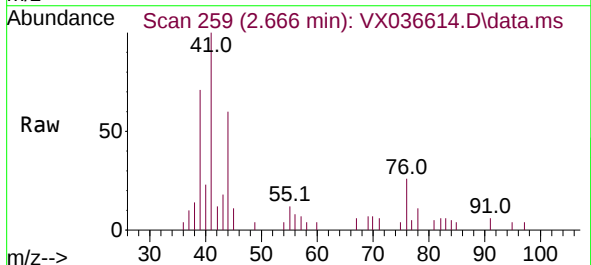
Manual Integrations
APPROVED

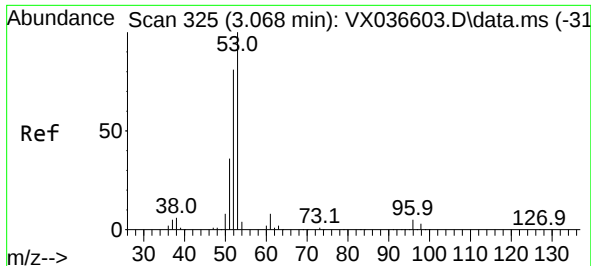
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#14
Allyl chloride
Concen: 0.748 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

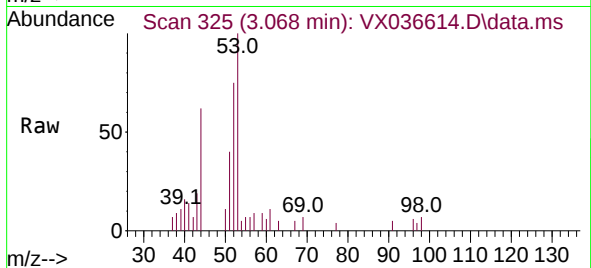
Tgt Ion: 41 Resp: 2247
Ion Ratio Lower Upper
41 100
39 68.4 55.8 83.6
76 34.8 24.3 36.5





#15
Acrylonitrile
Concen: 4.146 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

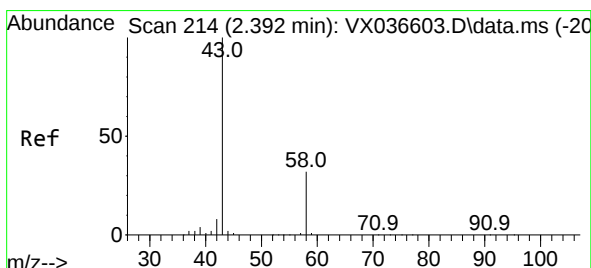
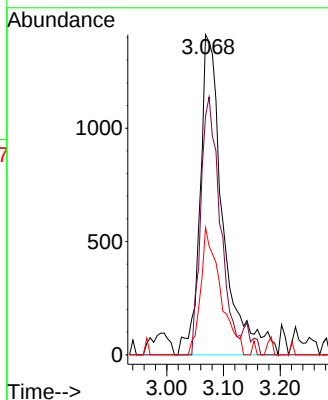
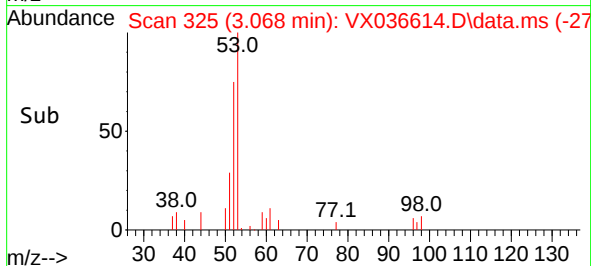
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



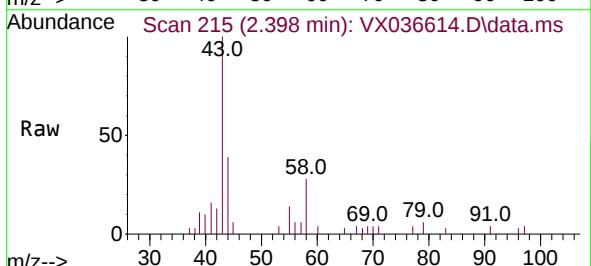
Tgt Ion: 53 Resp: 3982
Ion Ratio Lower Upper
53 100
52 68.1 66.0 99.0
51 34.1 29.8 44.6

Manual Integrations
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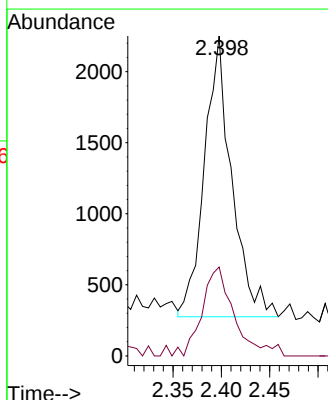
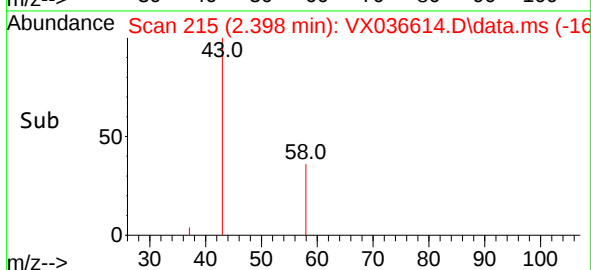
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

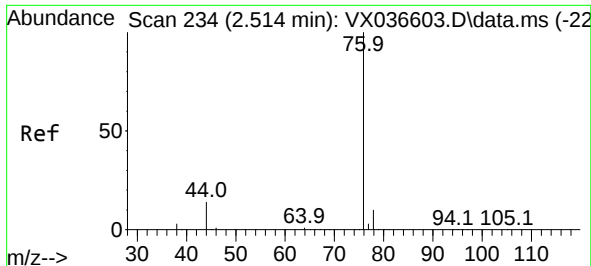


#16
Acetone
Concen: 4.637 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17



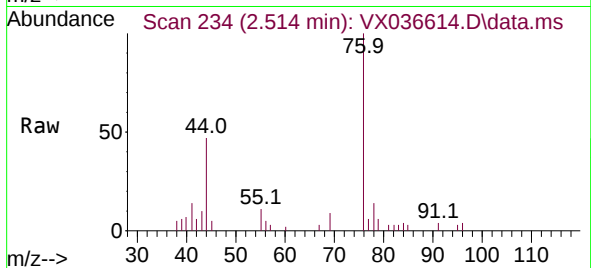
Tgt Ion: 43 Resp: 3881
Ion Ratio Lower Upper
43 100
58 28.5 21.9 32.9





#17
Carbon Disulfide
Concen: 0.926 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

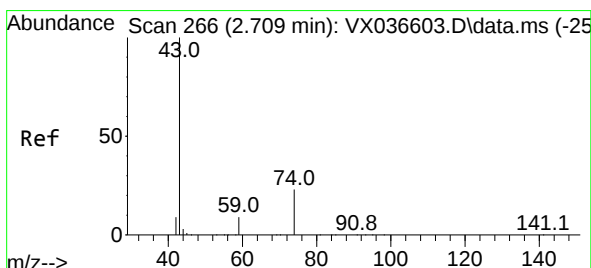
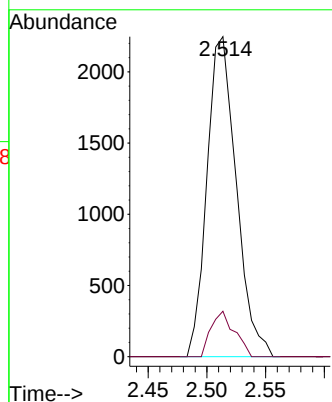
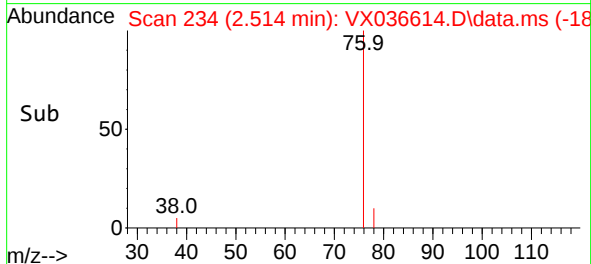
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 76 Resp: 390
Ion Ratio Lower Upper
76 100
78 14.2 7.0 10.6

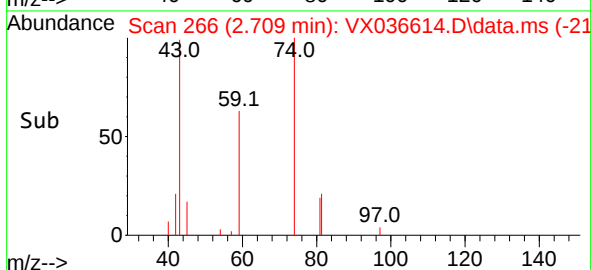
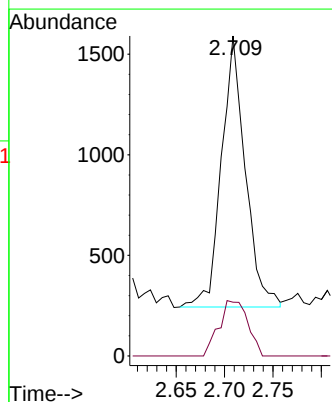
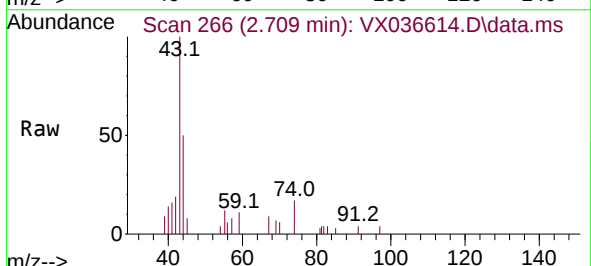
Manual Integrations
APPROVED

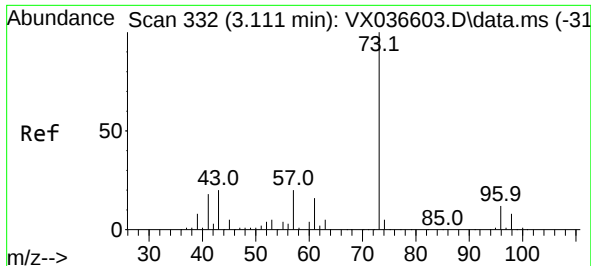
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#18
Methyl Acetate
Concen: 0.658 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

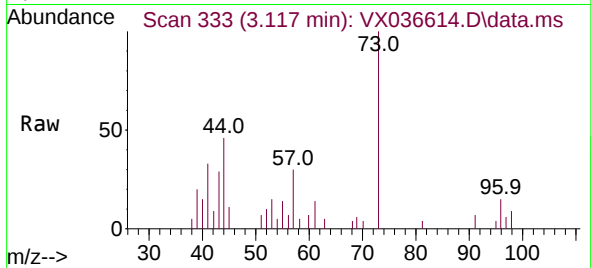
Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
74 24.5 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 0.598 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

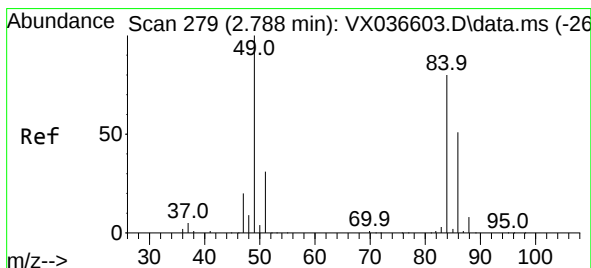
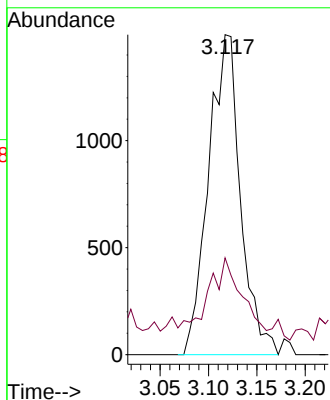
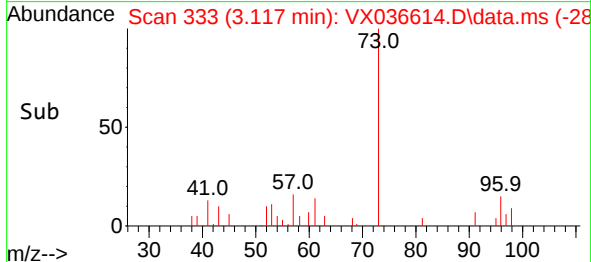
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 73 Resp: 3430
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

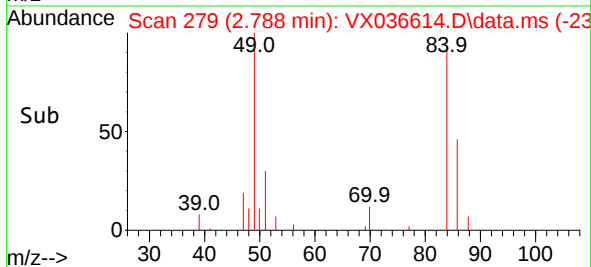
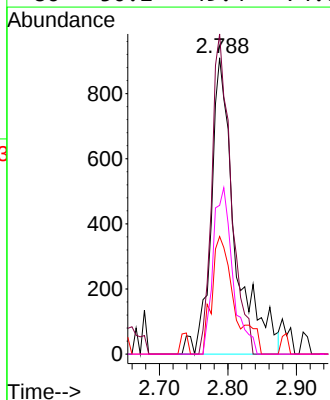
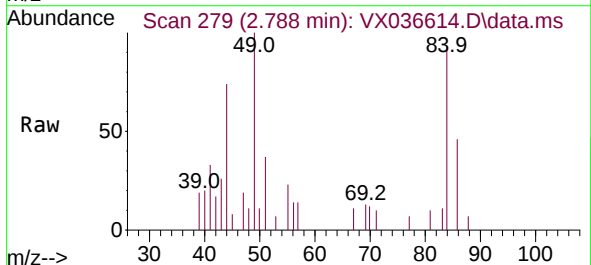
Manual Integrations
APPROVED

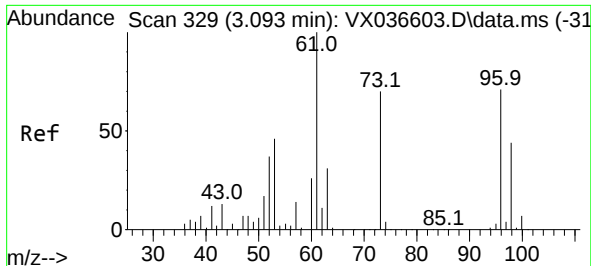
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#20
Methylene Chloride
Concen: 1.191 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

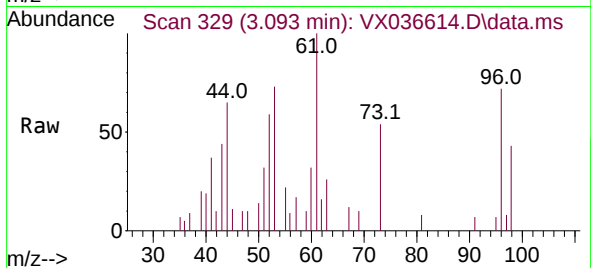
Tgt Ion: 84 Resp: 2217
Ion Ratio Lower Upper
84 100
49 108.0 103.6 155.4
51 39.7 33.8 50.6
86 50.2 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 0.829 ug/l
RT: 3.093 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

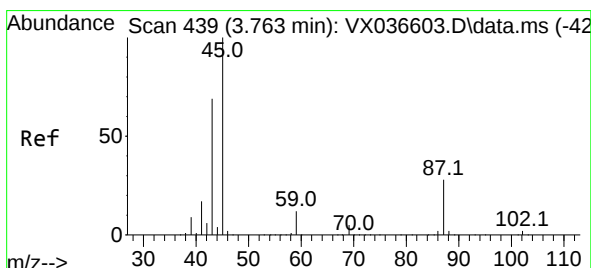
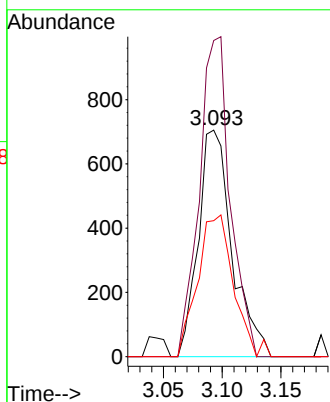
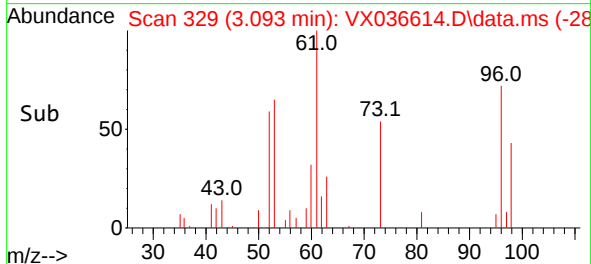
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 96 Resp: 1414
Ion Ratio Lower Upper
96 100
61 139.6 119.2 178.8
98 60.0 48.7 73.1

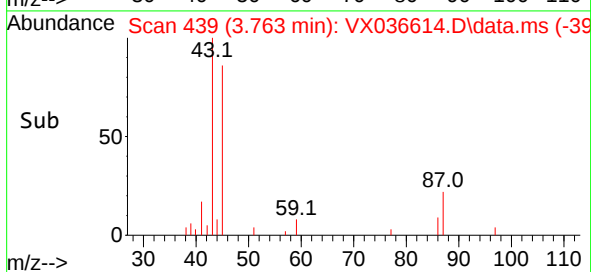
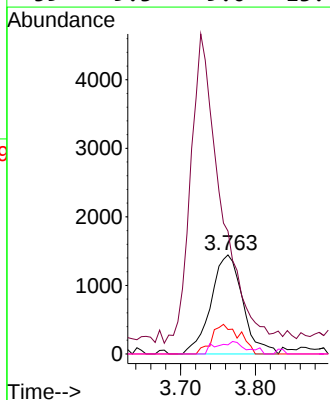
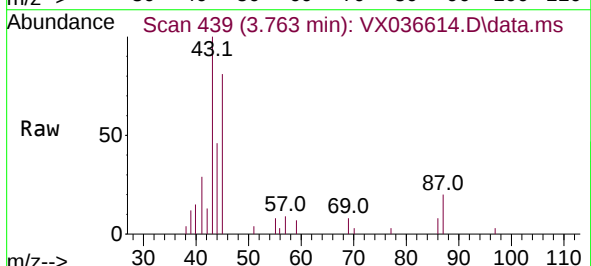
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#22
Diisopropyl ether
Concen: 0.749 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Tgt Ion: 45 Resp: 4276
Ion Ratio Lower Upper
45 100
43 101.0 69.7 104.5
87 24.7 20.8 31.2
59 9.3 9.0 13.4





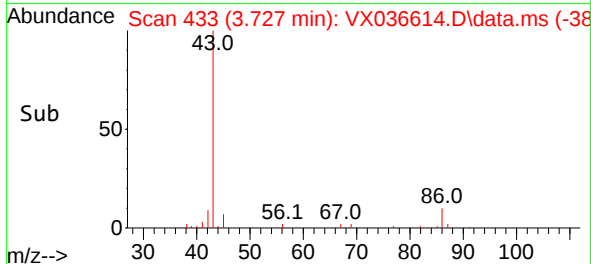
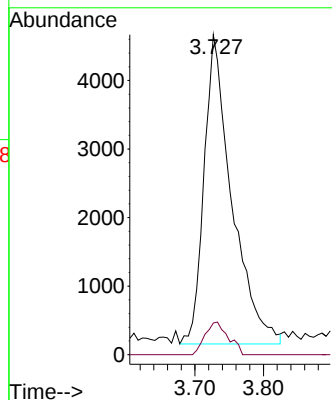
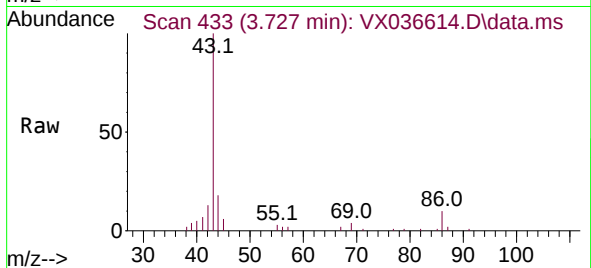
#23
 Vinyl Acetate
 Concen: 2.908 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX036614.D
 Acq: 21 Jul 2023 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 1273
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8

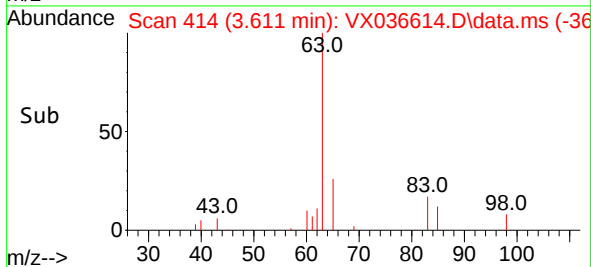
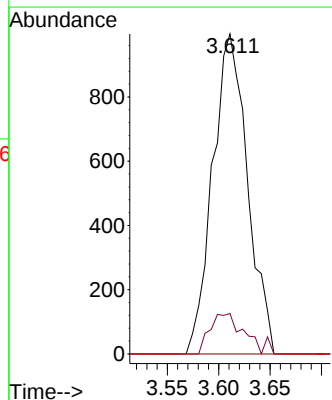
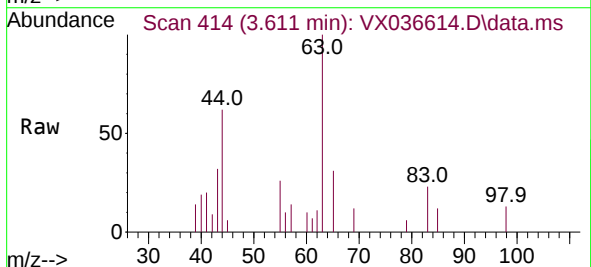
Manual Integrations
 APPROVED

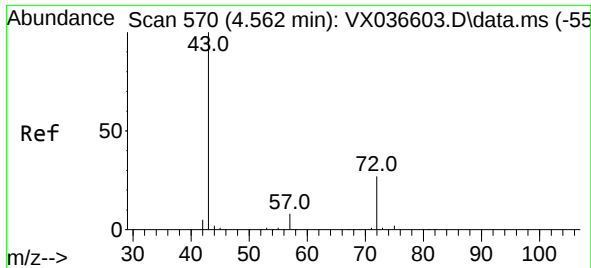
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#24
 1,1-Dichloroethane
 Concen: 0.734 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX036614.D
 Acq: 21 Jul 2023 17:17

Tgt Ion: 63 Resp: 2350
 Ion Ratio Lower Upper
 63 100
 98 12.7 3.3 9.8#
 100 0.0 2.1 6.5#





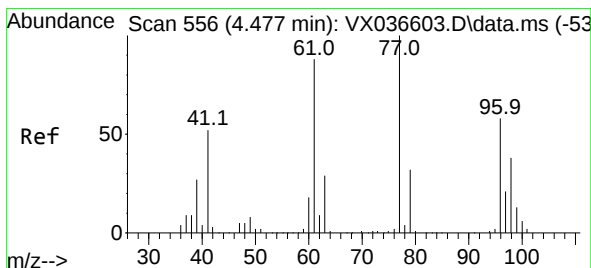
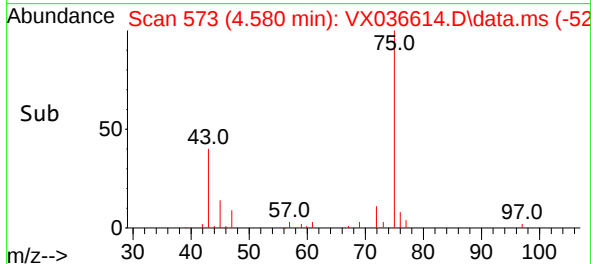
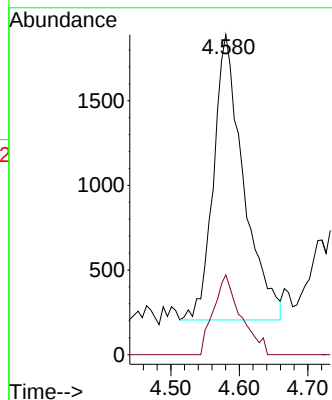
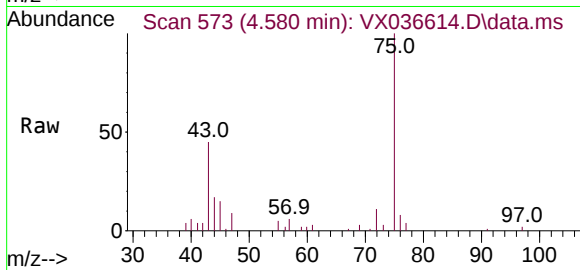
#25
2-Butanone
Concen: 3.764 ug/l
RT: 4.580 min Scan# 511
Delta R.T. 0.018 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
72 28.0 19.4 29.2

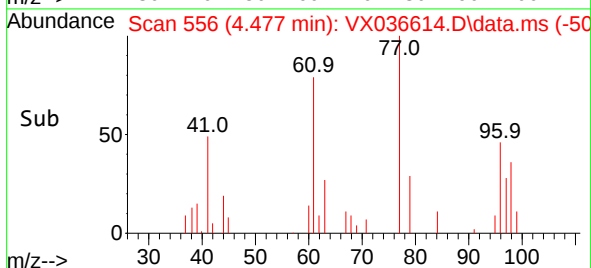
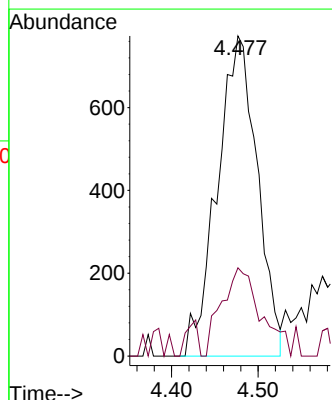
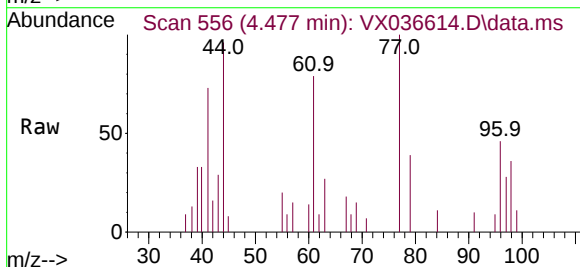
Manual Integrations
APPROVED

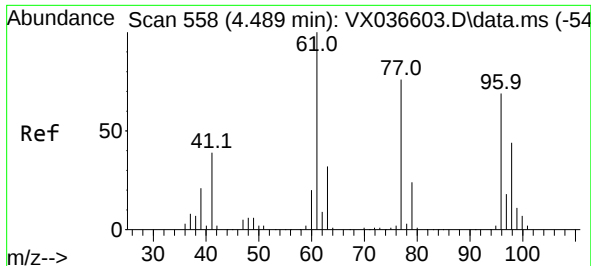
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#26
2,2-Dichloropropane
Concen: 0.824 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

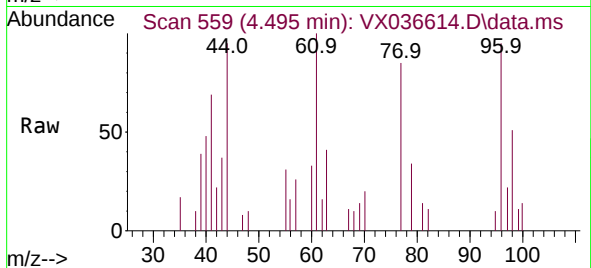
Tgt Ion: 77 Resp: 2484
Ion Ratio Lower Upper
77 100
97 27.0 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 0.800 ug/l
 RT: 4.495 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: VX036614.D
 Acq: 21 Jul 2023 17:17

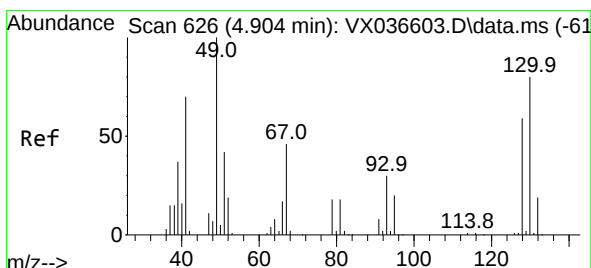
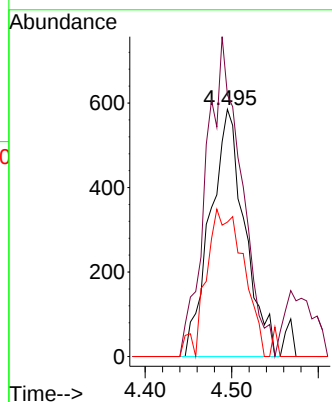
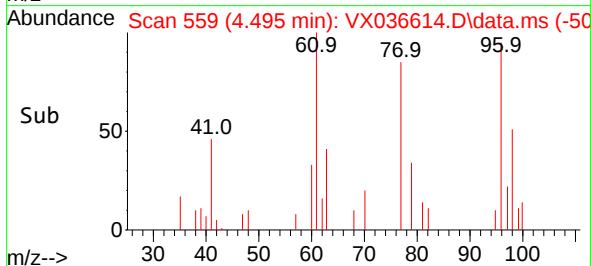
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 96 Resp: 162
 Ion Ratio Lower Upper
 96 100
 61 131.3 0.0 312.2
 98 65.0 0.0 129.0

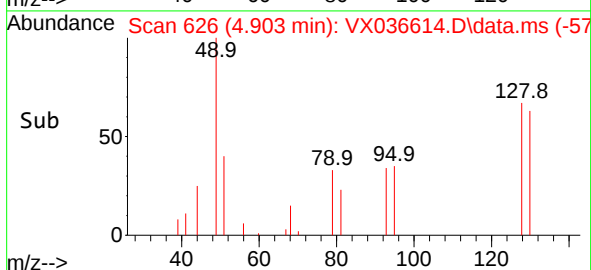
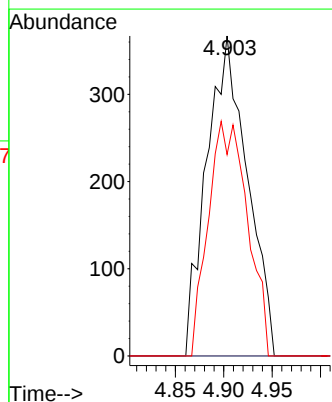
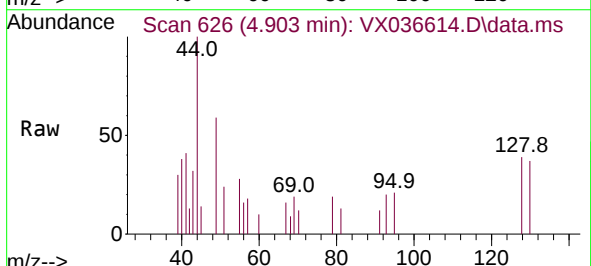
Manual Integrations
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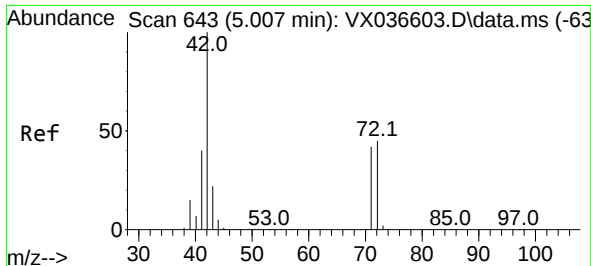
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#28
 Bromochloromethane
 Concen: 0.694 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. -0.000 min
 Lab File: VX036614.D
 Acq: 21 Jul 2023 17:17

Tgt Ion: 49 Resp: 1074
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 70.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 3.911 ug/l

RT: 5.031 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX036614.D

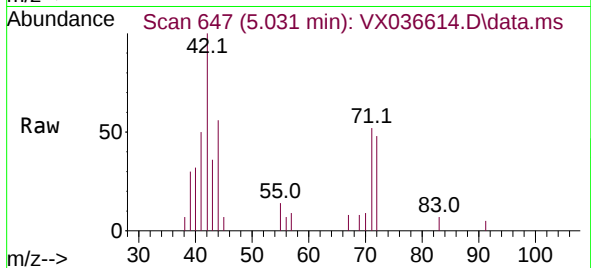
Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



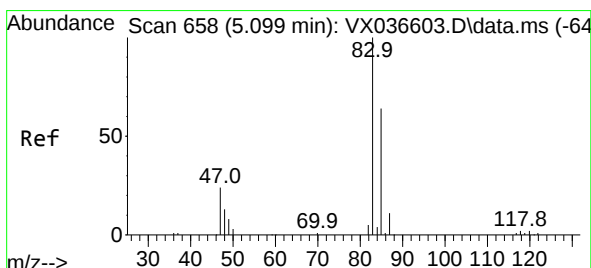
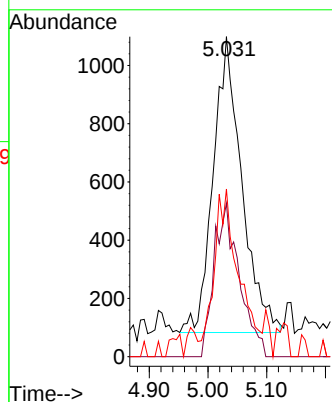
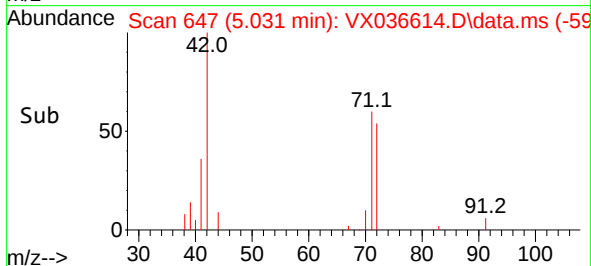
Tgt Ion: 42	Resp: 342
Ion Ratio	Lower Upper
42	100
72	46.1 34.2 51.4
71	49.2 32.2 48.2

Manual Integrations

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Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#30

Chloroform

Concen: 0.805 ug/l

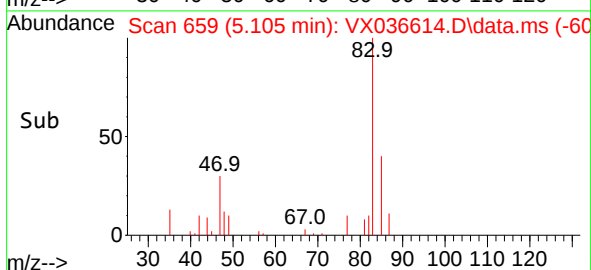
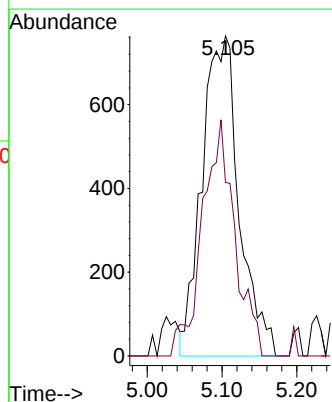
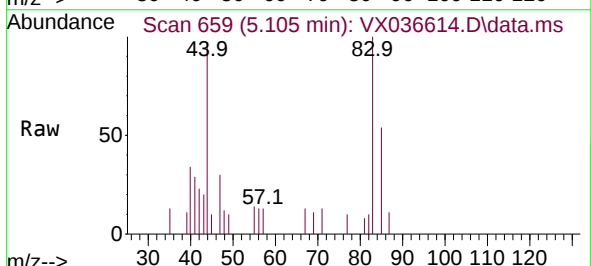
RT: 5.105 min Scan# 659

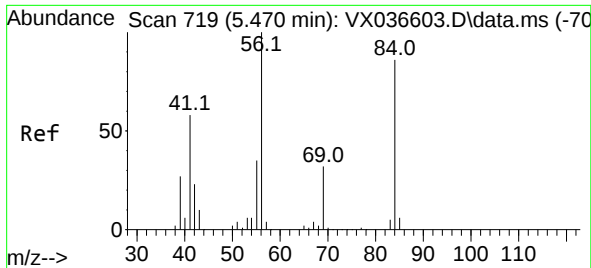
Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

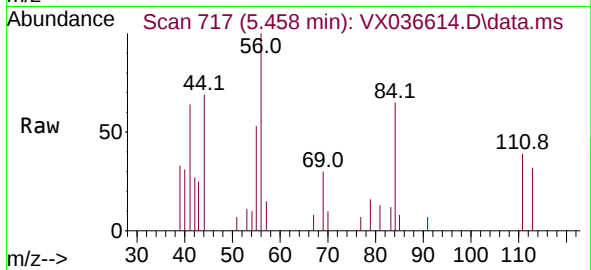
Tgt Ion: 83	Resp: 2635
Ion Ratio	Lower Upper
83	100
85	54.2 50.3 75.5





#31
Cyclohexane
Concen: 0.794 ug/l
RT: 5.458 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

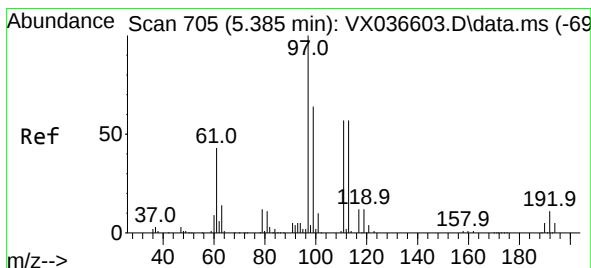
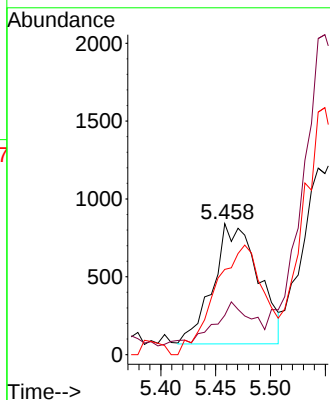
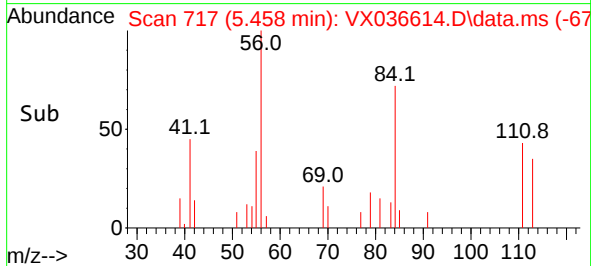
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 56 Resp: 221
Ion Ratio Lower Upper
56 100
69 21.1 23.4 35.2
84 71.4 65.9 98.9

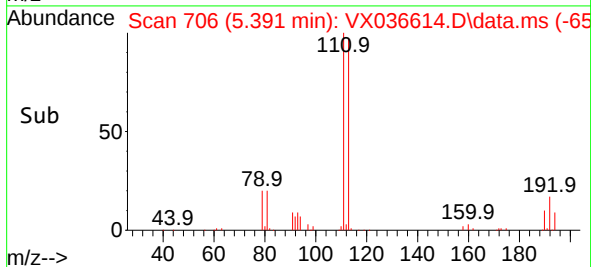
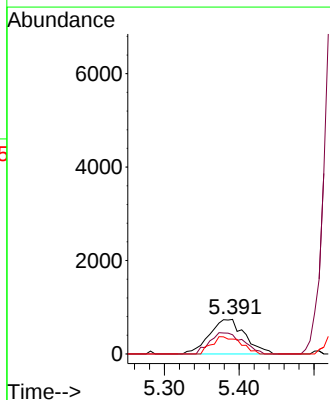
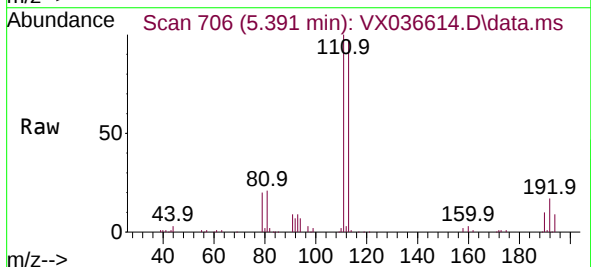
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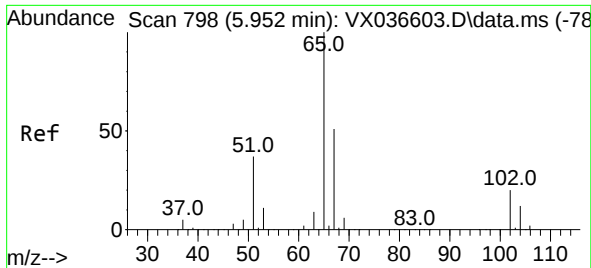
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#32
1,1,1-Trichloroethane
Concen: 0.815 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Tgt Ion: 97 Resp: 2444
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7
61 41.0 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 38.654 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 65 Resp: 7796

Ion Ratio Lower Upper

65 100

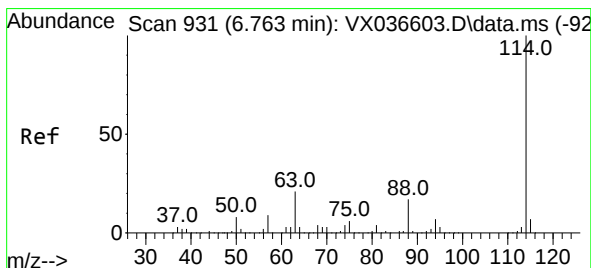
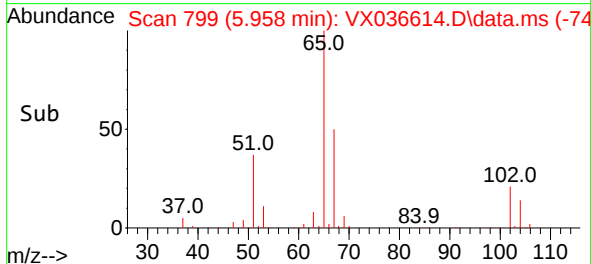
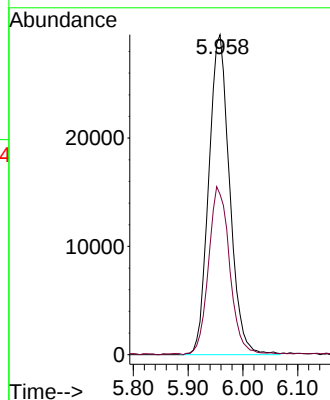
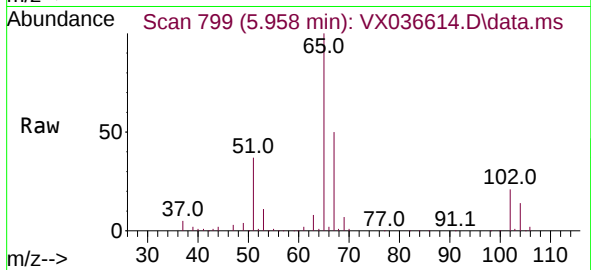
67 53.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

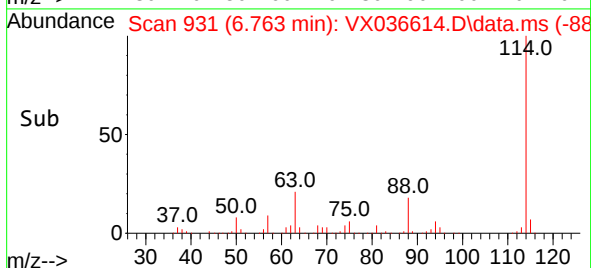
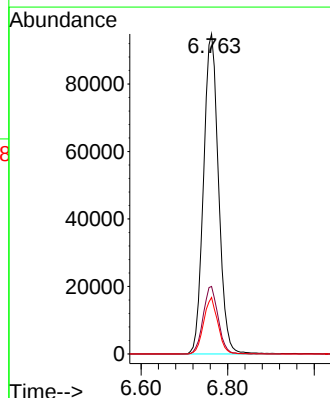
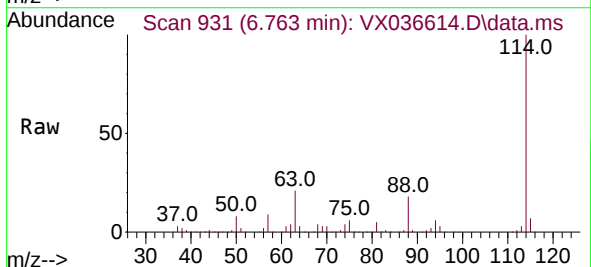
Tgt Ion:114 Resp: 227621

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

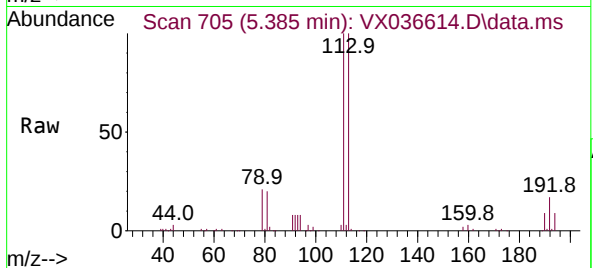
88 17.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.665 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

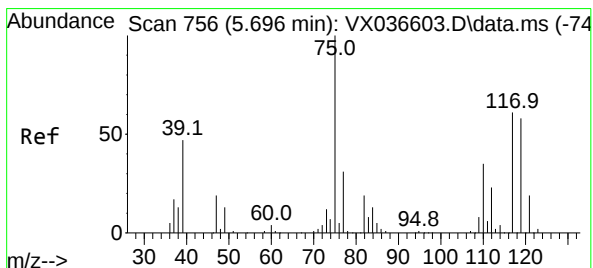
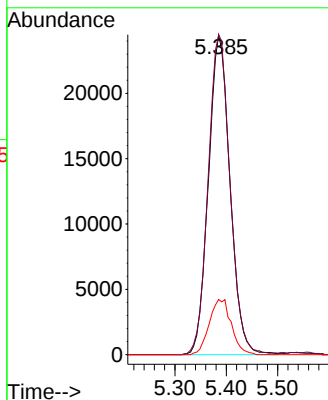
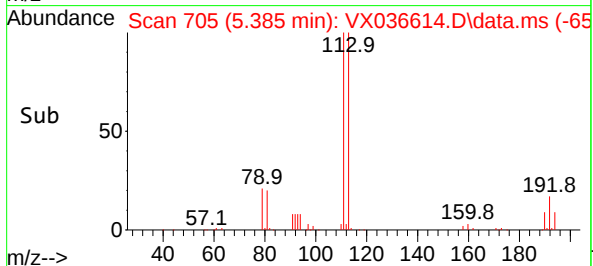
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:113 Resp: 7144
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 17.7 13.3 19.9

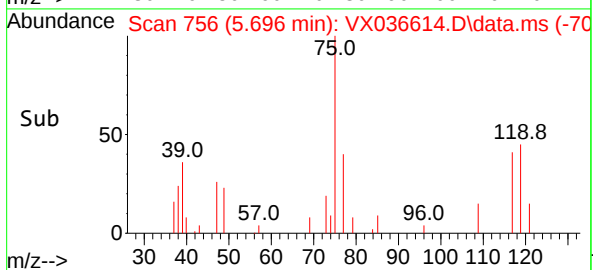
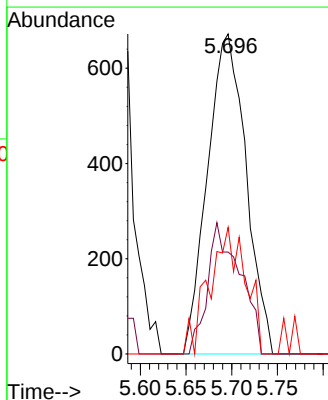
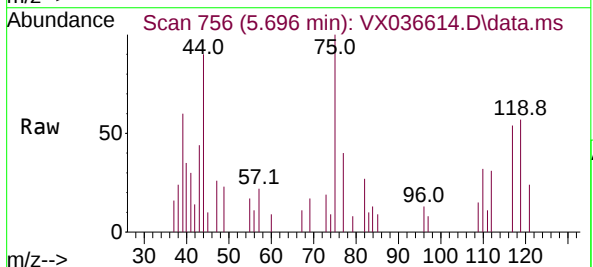
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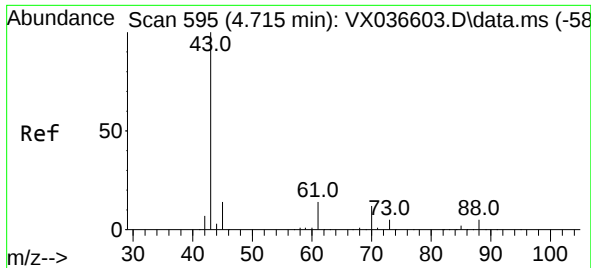
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#36
1,1-Dichloropropene
Concen: 0.844 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Tgt Ion: 75 Resp: 1969
Ion Ratio Lower Upper
75 100
110 34.7 17.0 50.9
77 37.5 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.243 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 642

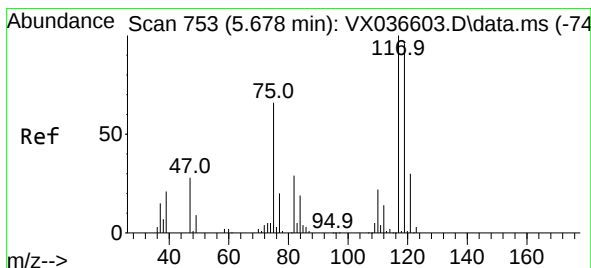
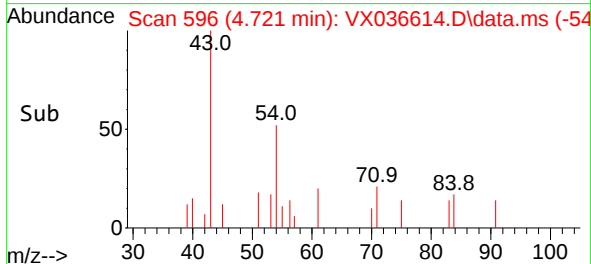
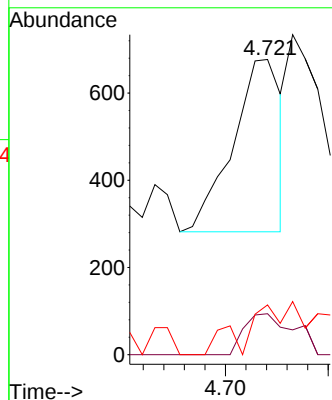
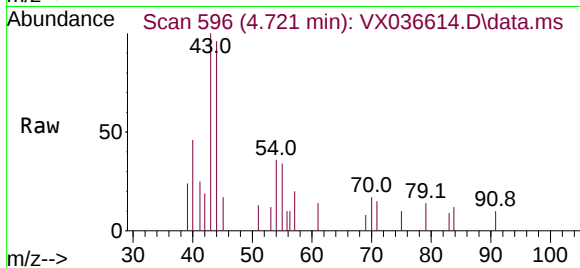
Ion	Ratio	Lower	Upper
43	100		
61	24.6	10.6	16.0
70	22.9	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#38

Carbon Tetrachloride

Concen: 0.815 ug/l

RT: 5.678 min Scan# 753

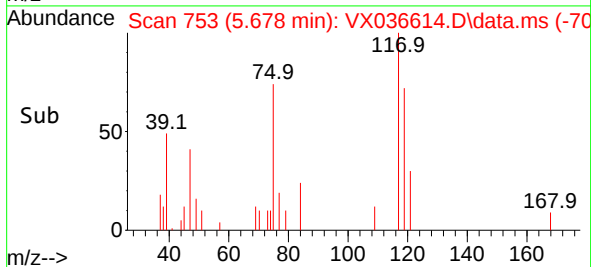
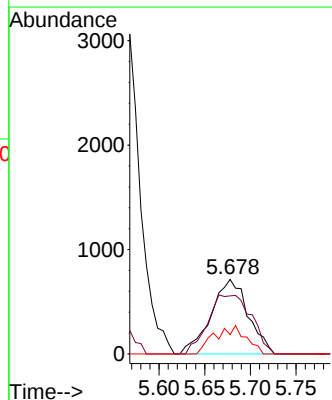
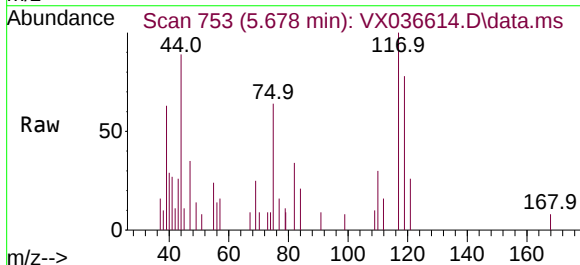
Delta R.T. -0.000 min

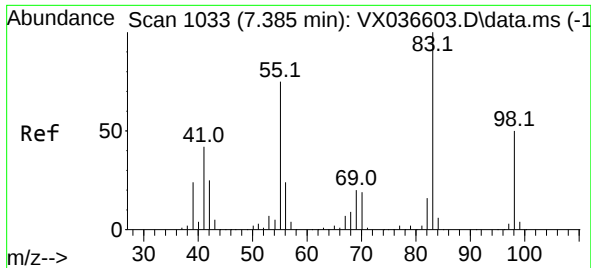
Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Tgt Ion:117 Resp: 2021

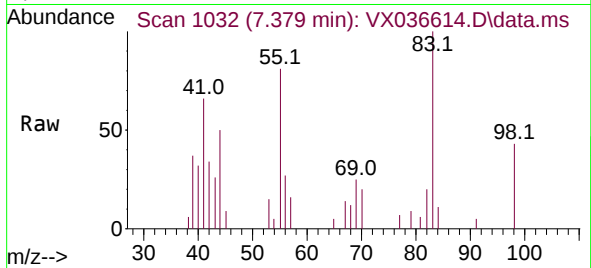
Ion	Ratio	Lower	Upper
117	100		
119	77.9	78.2	117.2
121	26.1	24.4	36.6





#39
Methylcyclohexane
Concen: 0.853 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

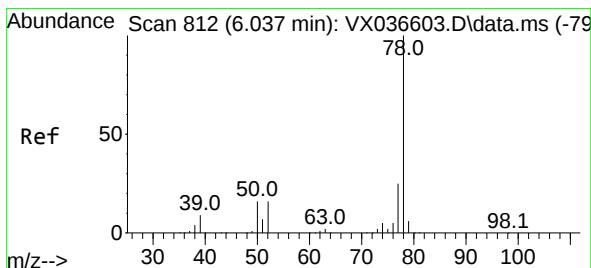
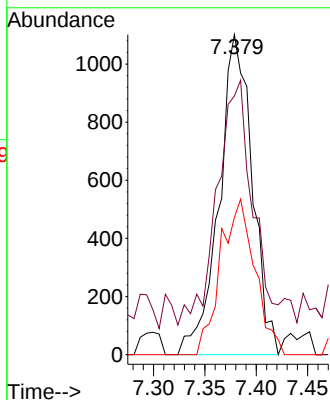
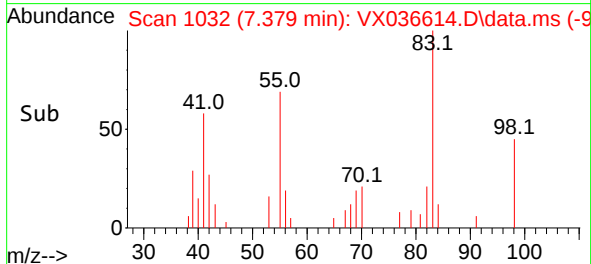
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 83 Resp: 247
Ion Ratio Lower Upper
83 100
55 71.6 64.6 97.0
98 42.9 36.7 55.1

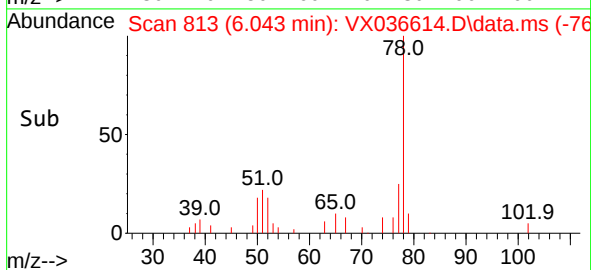
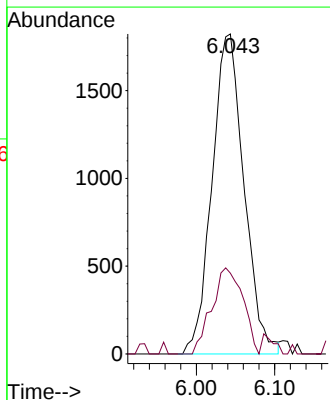
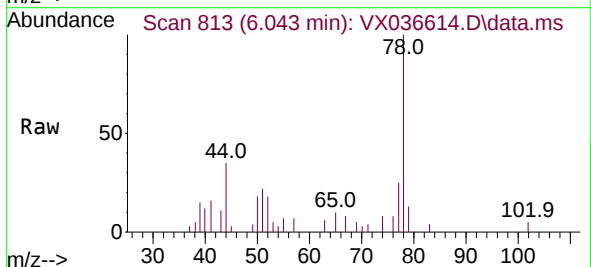
Manual Integrations
APPROVED

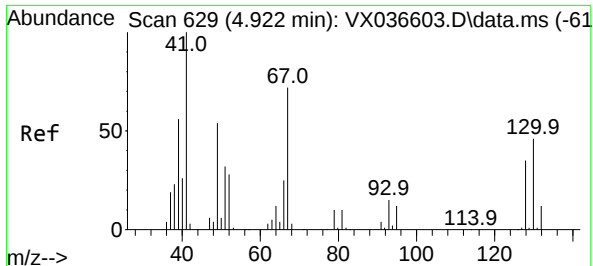
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#40
Benzene
Concen: 0.761 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

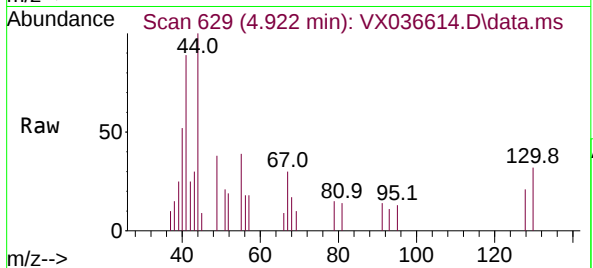
Tgt Ion: 78 Resp: 5164
Ion Ratio Lower Upper
78 100
77 25.2 19.3 28.9





#41
Methacrylonitrile
Concen: 1.061 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

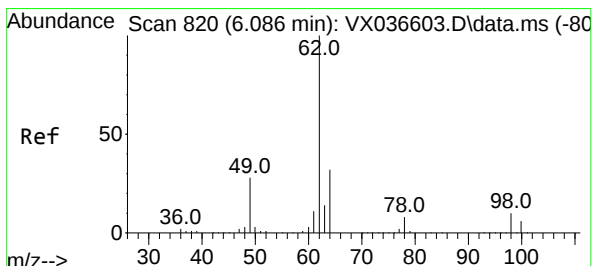
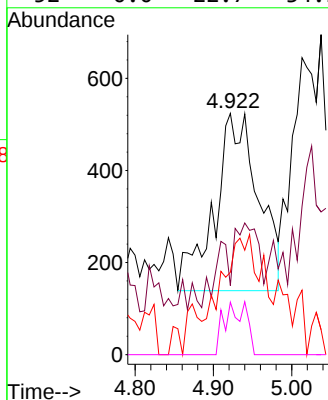
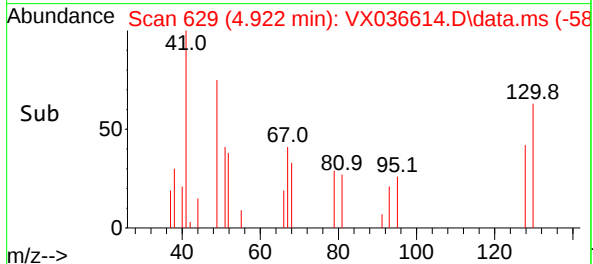
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 41 Resp: 1498
Ion Ratio Lower Upper
41 100
39 12.3 45.2 67.8
67 0.0 52.6 78.8
52 0.0 22.7 34.1

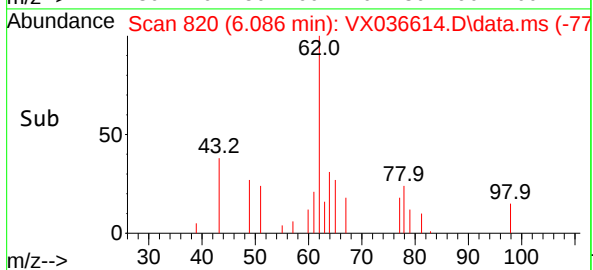
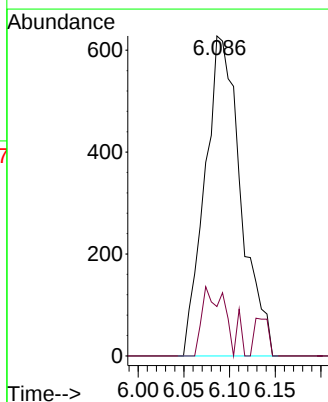
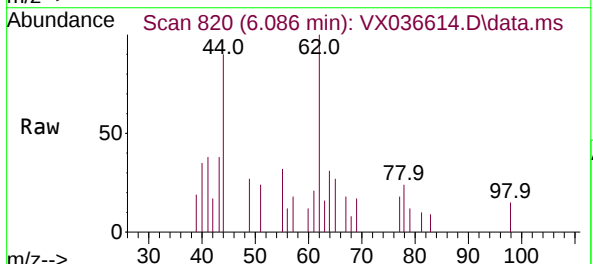
Manual Integrations
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Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#42
1,2-Dichloroethane
Concen: 0.692 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

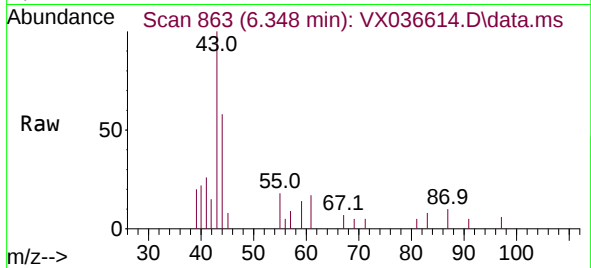
Tgt Ion: 62 Resp: 1717
Ion Ratio Lower Upper
62 100
98 12.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 0.517 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

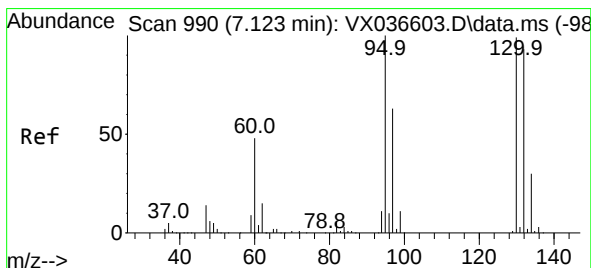
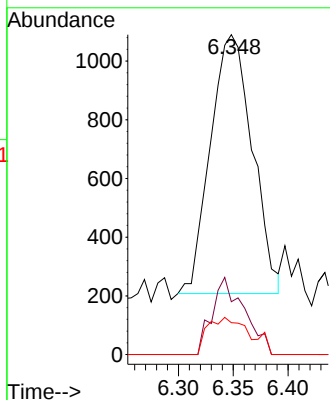
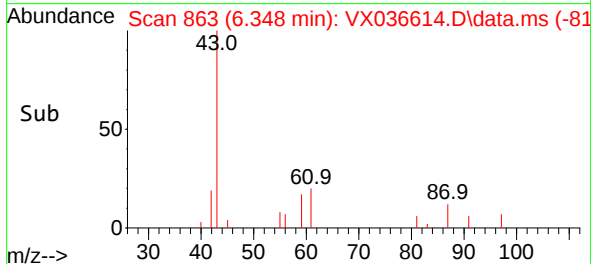
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
61 23.0 15.2 22.8
87 14.4 9.8 14.6

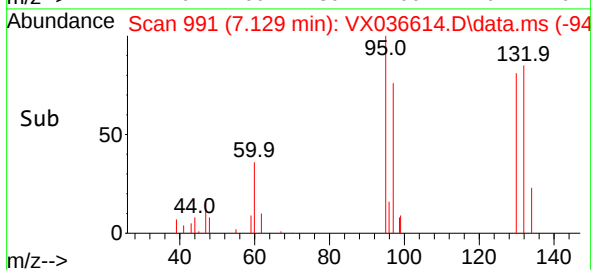
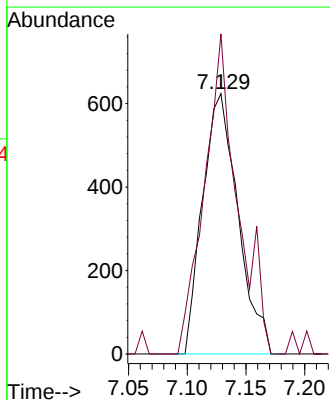
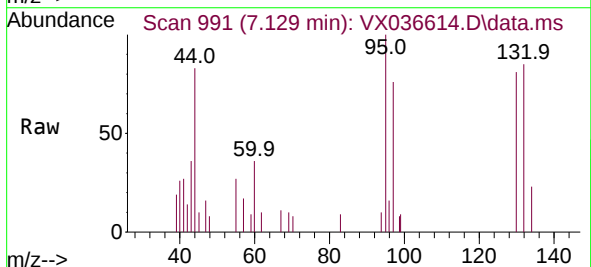
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#44
Trichloroethene
Concen: 0.739 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Tgt Ion:130 Resp: 1311
Ion Ratio Lower Upper
130 100
95 122.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.734 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 63 Resp: 1330

Ion Ratio Lower Upper

63 100

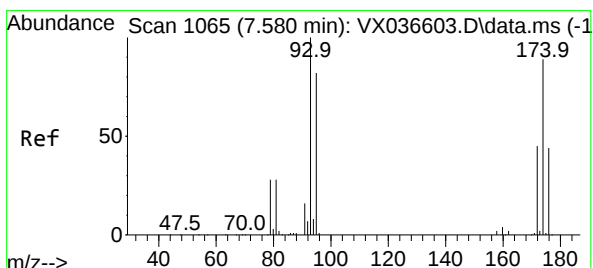
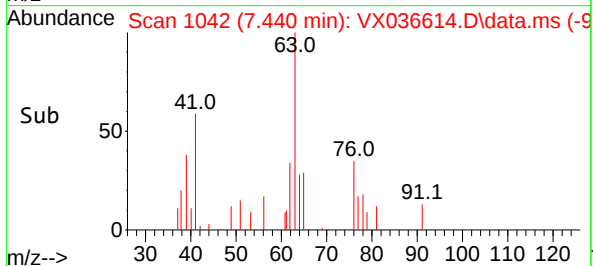
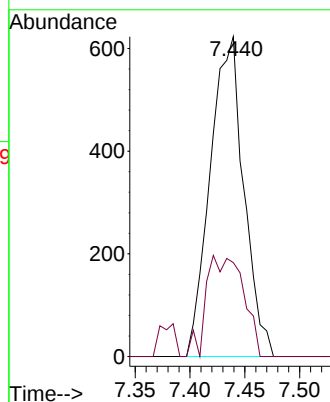
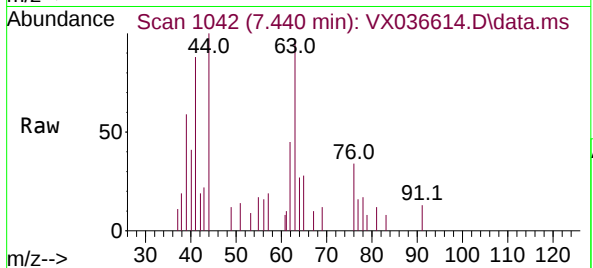
65 29.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#46

Dibromomethane

Concen: 0.635 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

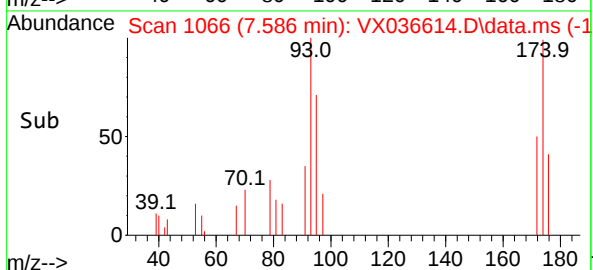
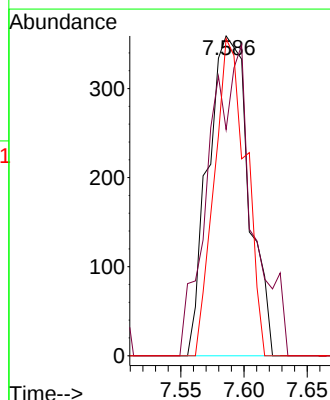
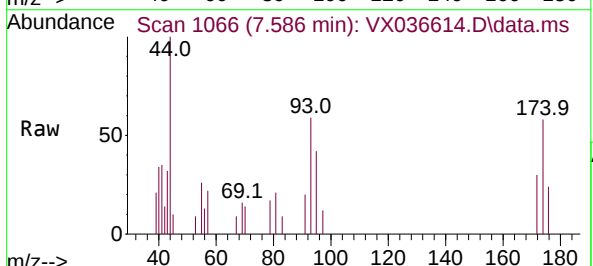
Tgt Ion: 93 Resp: 805

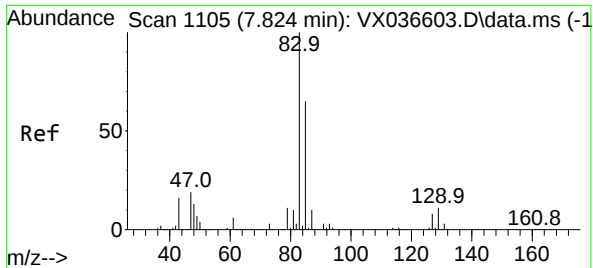
Ion Ratio Lower Upper

93 100

95 105.2 66.6 100.0#

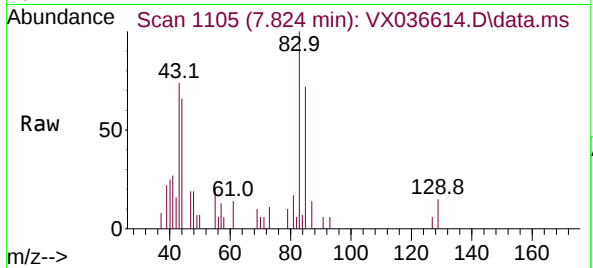
174 77.0 69.4 104.0





#47
Bromodichloromethane
Concen: 0.788 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

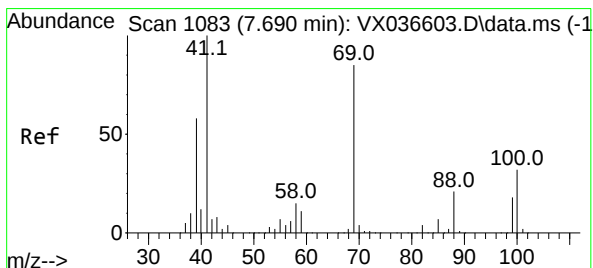
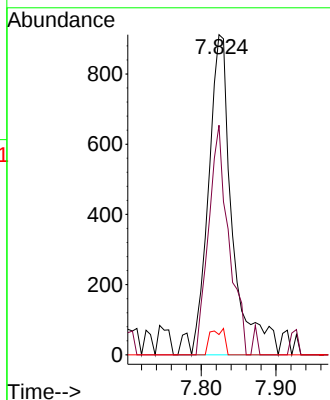
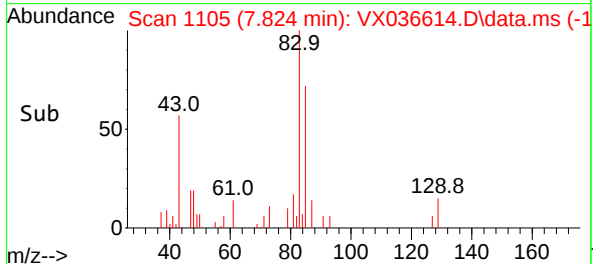
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



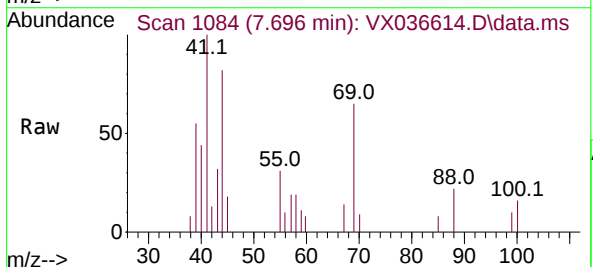
Tgt Ion: 83 Resp: 205
Ion Ratio Lower Upper
83 100
85 71.7 49.8 74.6
127 6.4 7.1 10.7

Manual Integrations
APPROVED

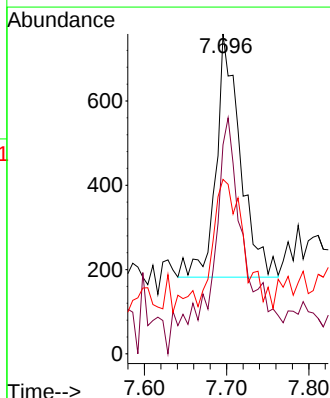
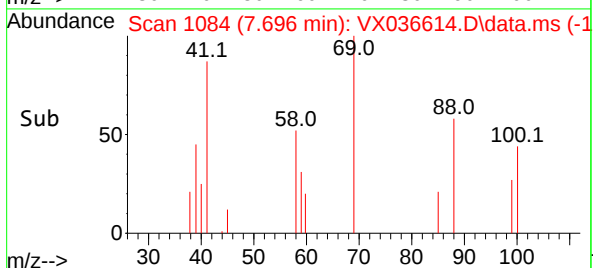
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

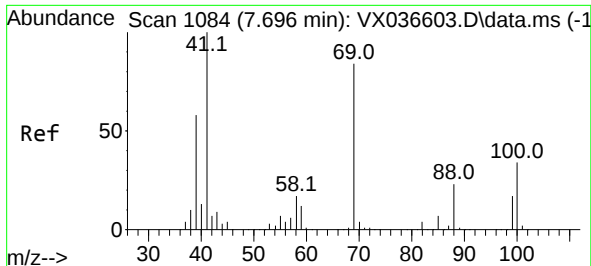


#48
Methyl methacrylate
Concen: 0.562 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17



Tgt Ion: 41 Resp: 1188
Ion Ratio Lower Upper
41 100
69 136.0 59.2 88.8#
39 64.6 47.7 71.5





#49

1,4-Dioxane

Concen: 17.735 ug/l

RT: 7.714 min Scan# 1084

Delta R.T. 0.018 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 88 Resp: 75

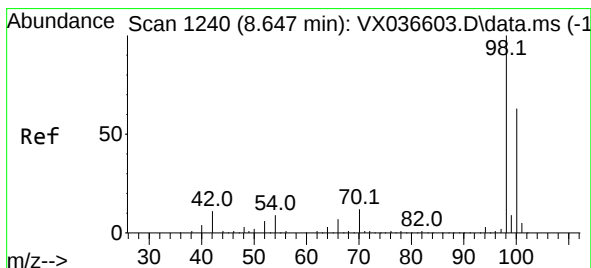
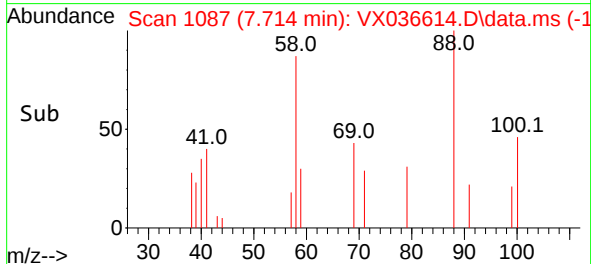
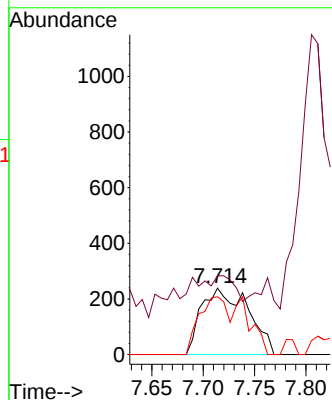
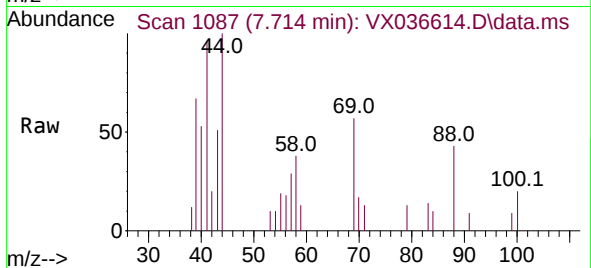
Ion	Ratio	Lower	Upper
88	100		
43	76.4	0.0	0.0
58	53.4	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#50

Toluene-d8

Concen: 48.704 ug/l

RT: 8.647 min Scan# 1240

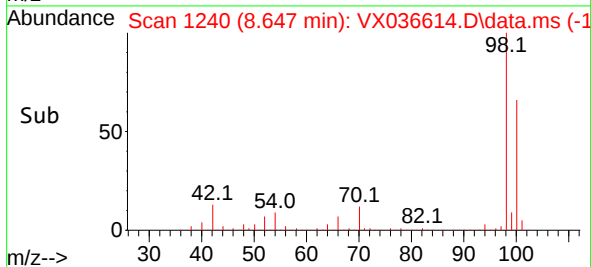
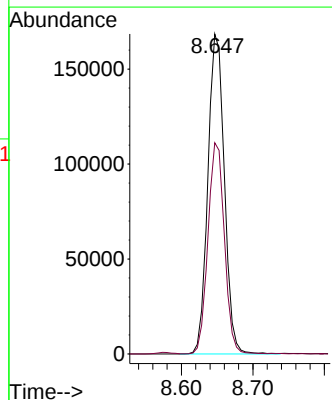
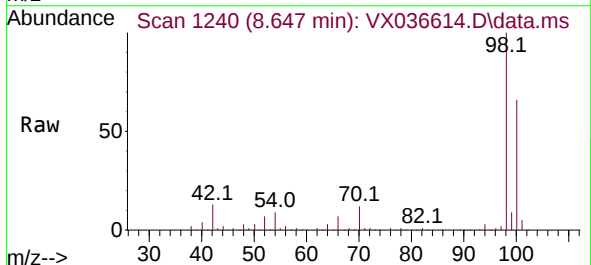
Delta R.T. -0.000 min

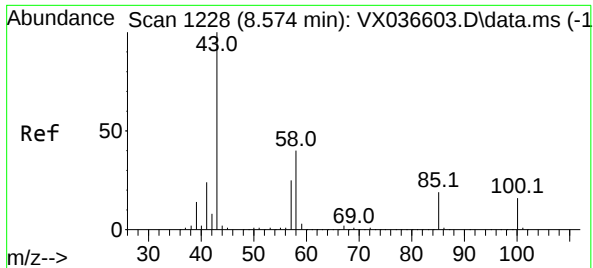
Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Tgt Ion: 98 Resp: 270218

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7





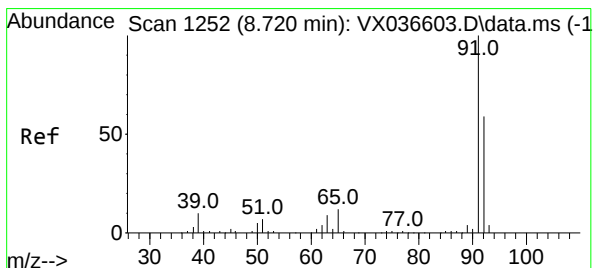
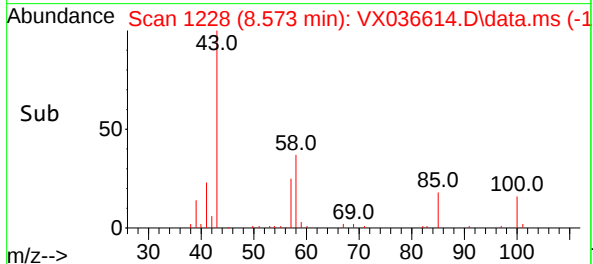
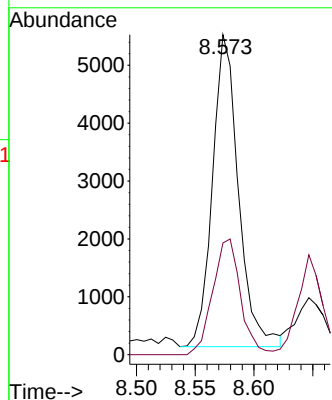
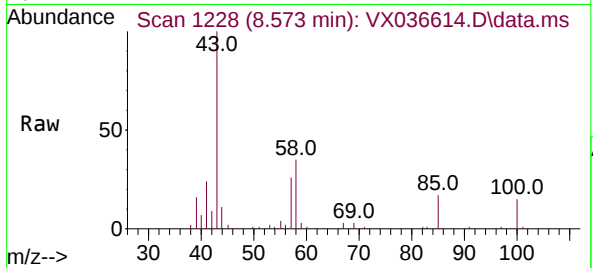
#51
4-Methyl-2-Pentanone
Concen: 3.299 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 39.7 30.4 45.6

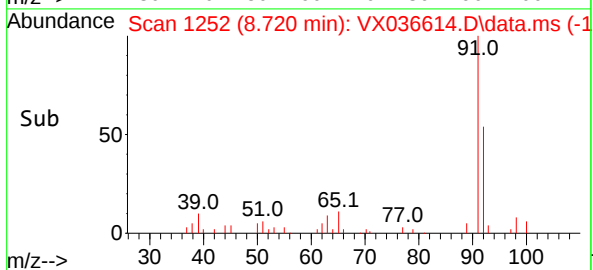
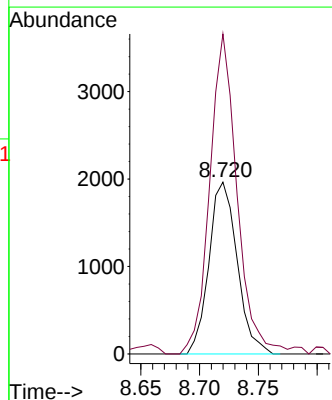
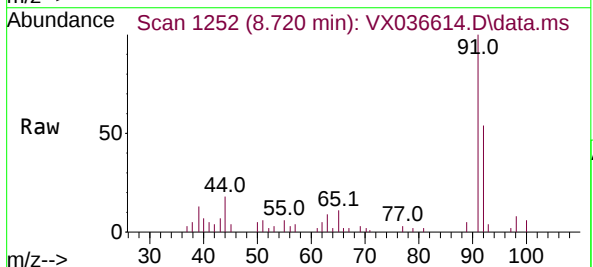
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#52
Toluene
Concen: 0.772 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Tgt Ion: 92 Resp: 3283
Ion Ratio Lower Upper
92 100
91 181.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.635 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 75 Resp: 1869

Ion Ratio Lower Upper

75 100

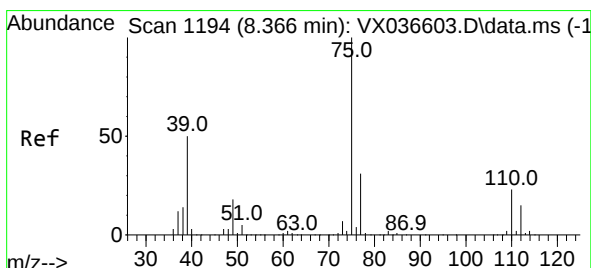
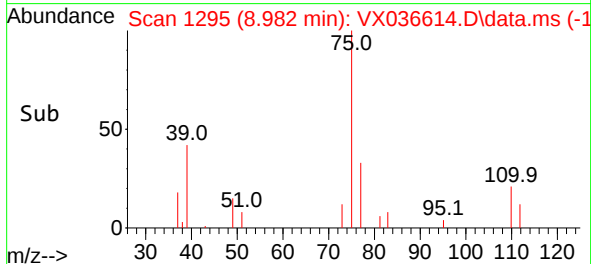
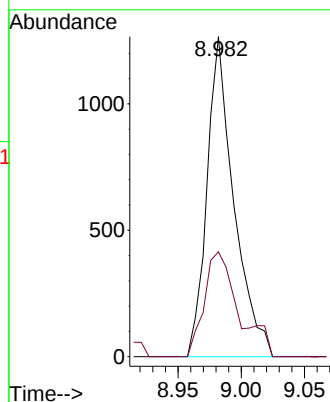
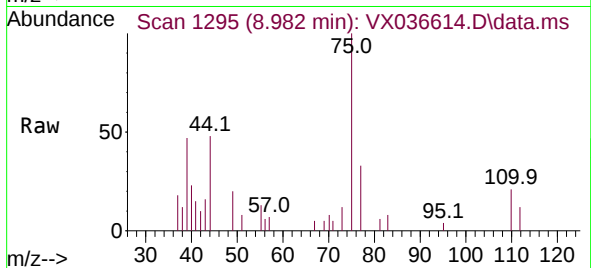
77 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#54

cis-1,3-Dichloropropene

Concen: 0.678 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

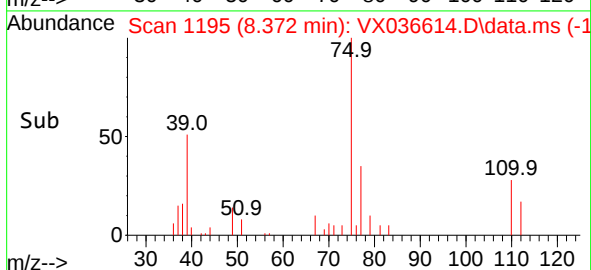
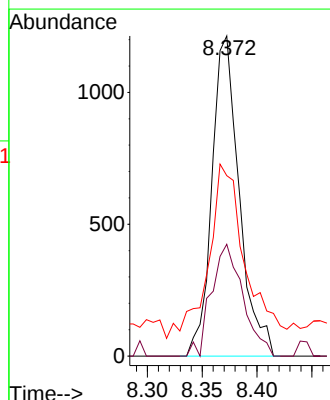
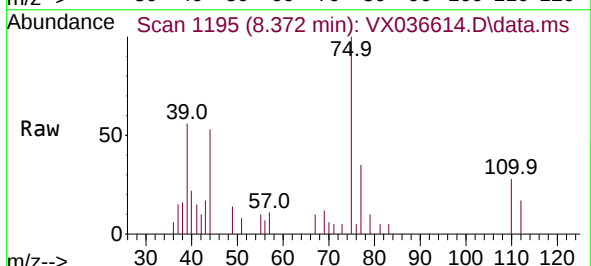
Tgt Ion: 75 Resp: 2105

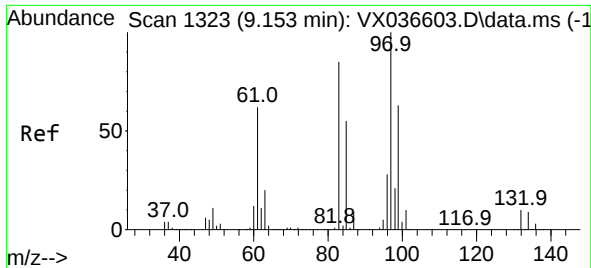
Ion Ratio Lower Upper

75 100

77 34.9 25.3 37.9

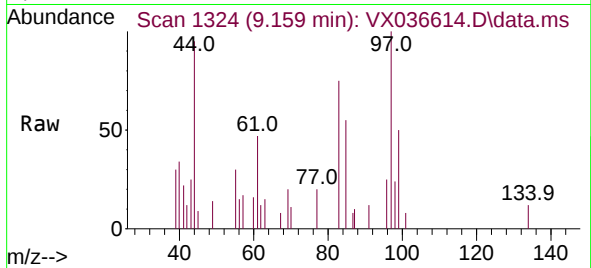
39 48.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 0.706 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

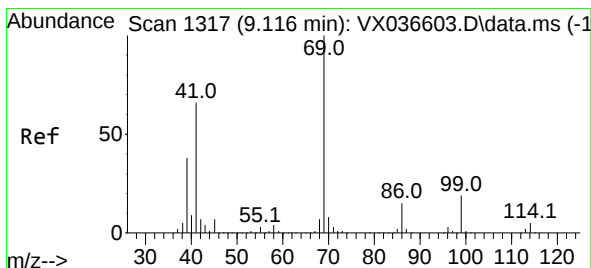
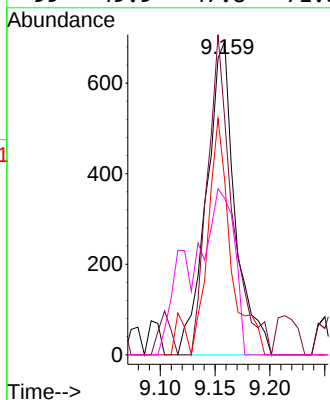
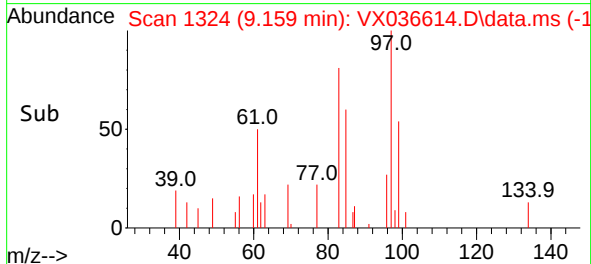
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



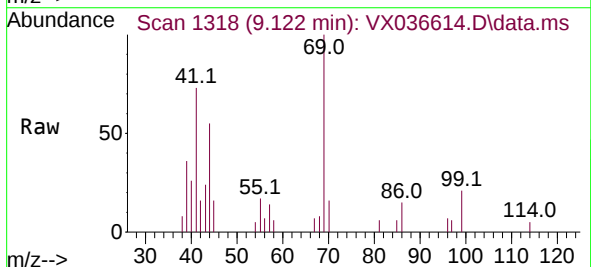
Tgt Ion	Ratio	Lower	Upper
97	100		
83	75.0	65.8	98.8
85	55.5	41.6	62.4
99	49.9	47.8	71.8

Manual Integrations
APPROVED

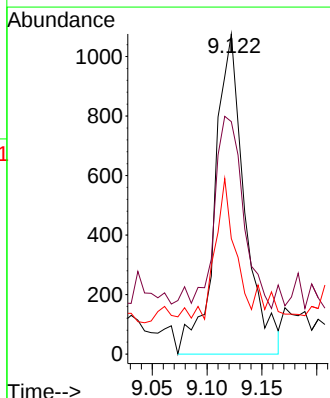
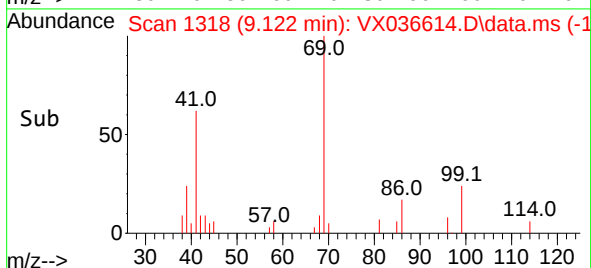
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

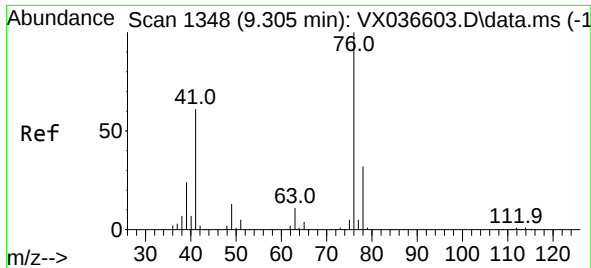


#56
Ethyl methacrylate
Concen: 0.699 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17



Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.2	56.8	85.2
39	27.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 0.598 ug/l

RT: 9.311 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 76 Resp: 1779

Ion Ratio Lower Upper

76 100

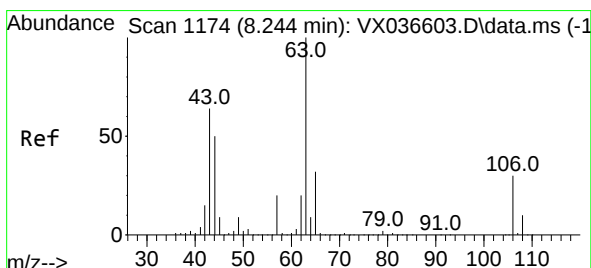
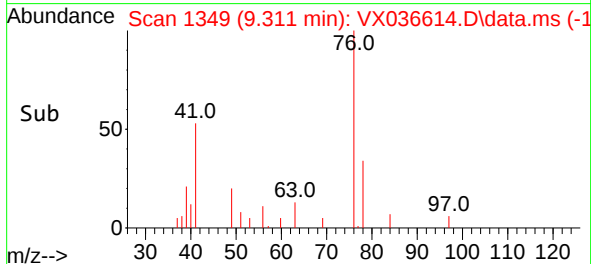
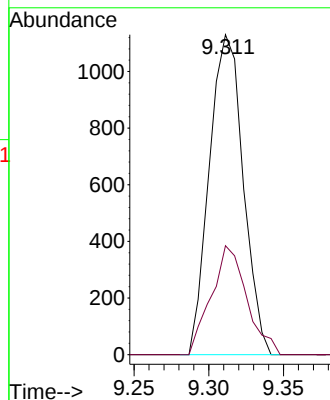
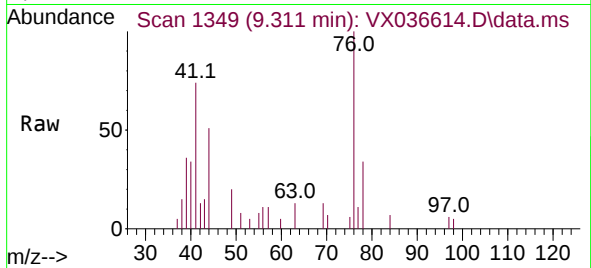
78 35.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#58

2-Chloroethyl Vinyl ether

Concen: 2.857 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX036614.D

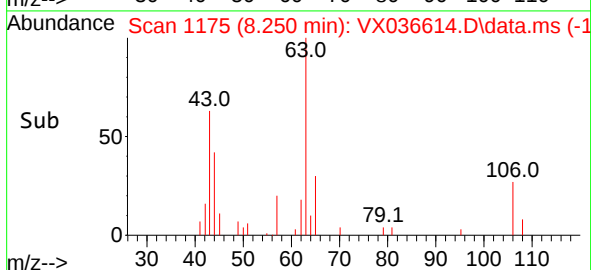
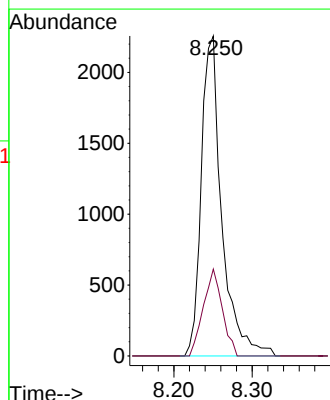
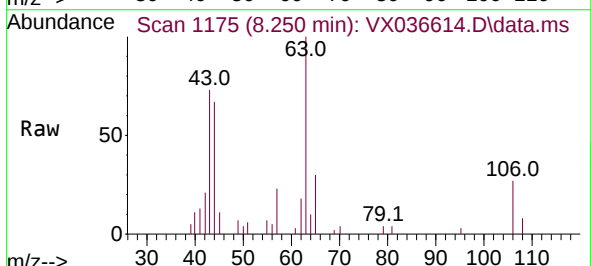
Acq: 21 Jul 2023 17:17

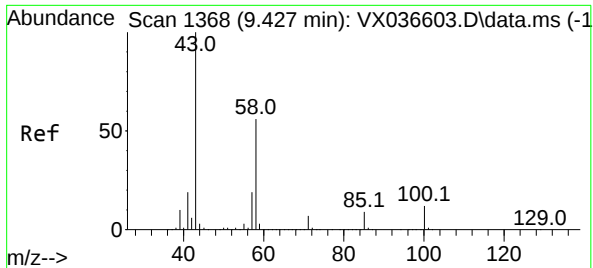
Tgt Ion: 63 Resp: 4097

Ion Ratio Lower Upper

63 100

106 25.1 22.5 33.7





#59

2-Hexanone

Concen: 3.533 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

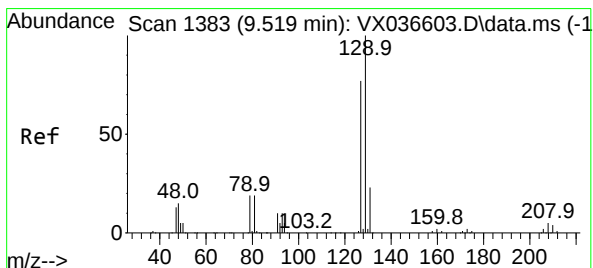
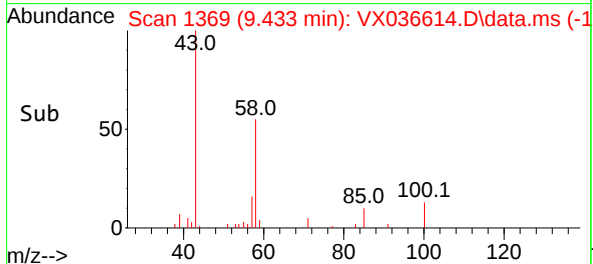
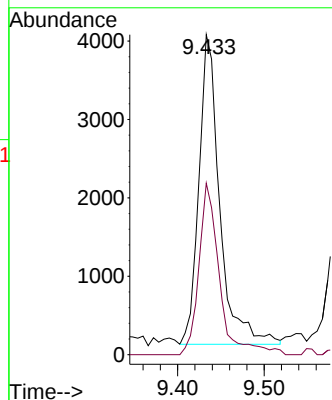
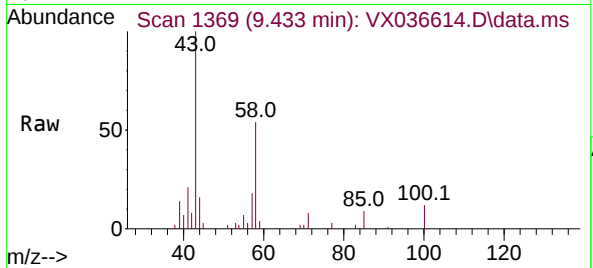
Tgt Ion: 43 Resp: 659
 Ion Ratio Lower Upper
 43 100
 58 54.8 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#60

Dibromochloromethane

Concen: 0.620 ug/l

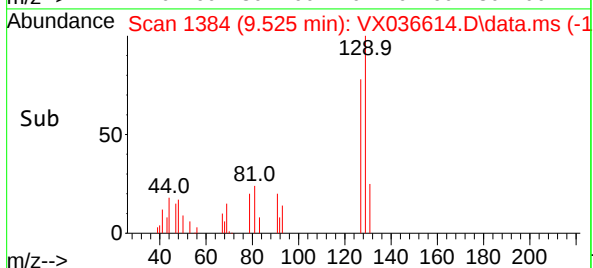
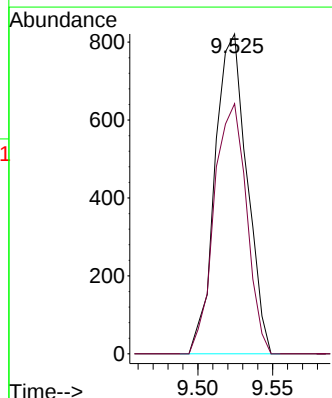
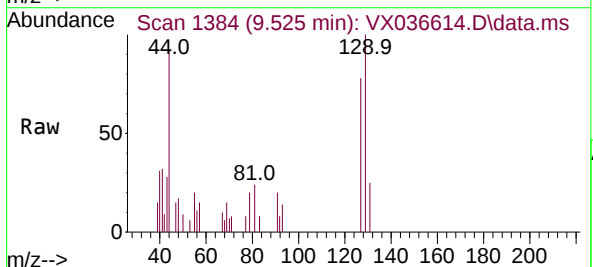
RT: 9.525 min Scan# 1384

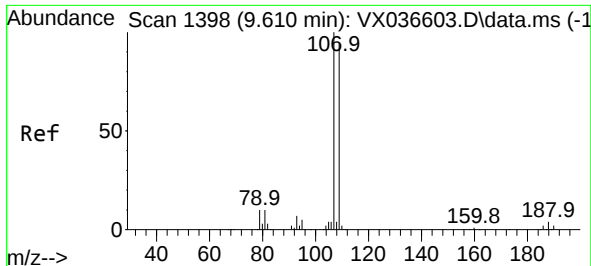
Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

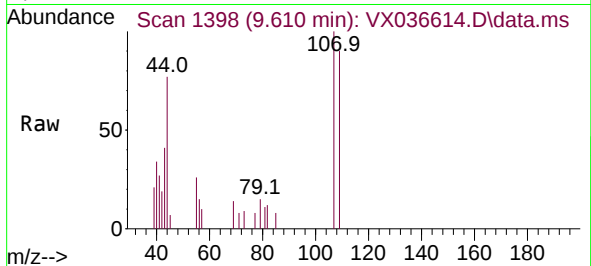
Tgt Ion:129 Resp: 1217
 Ion Ratio Lower Upper
 129 100
 127 79.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.626 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

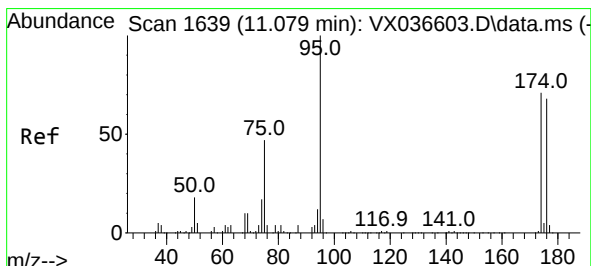
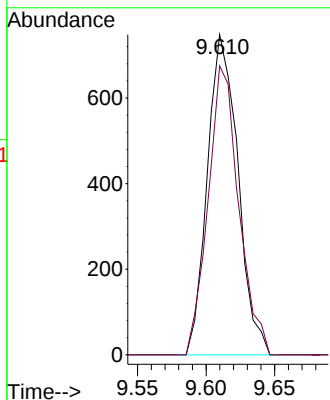
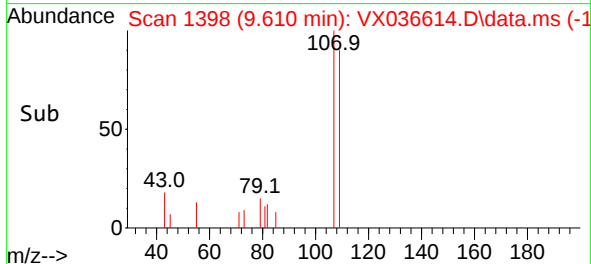
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



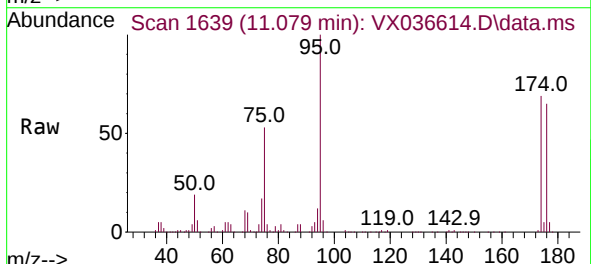
Tgt Ion:107 Resp: 1159
Ion Ratio Lower Upper
107 100
109 90.6 75.2 112.8

Manual Integrations
APPROVED

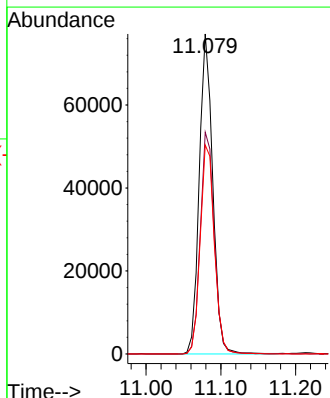
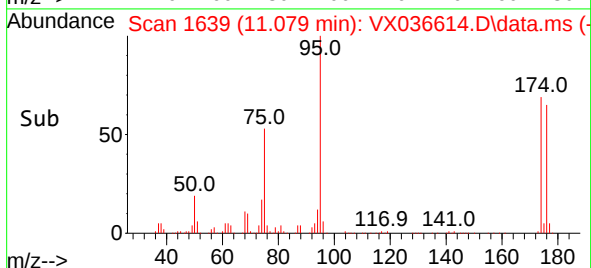
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

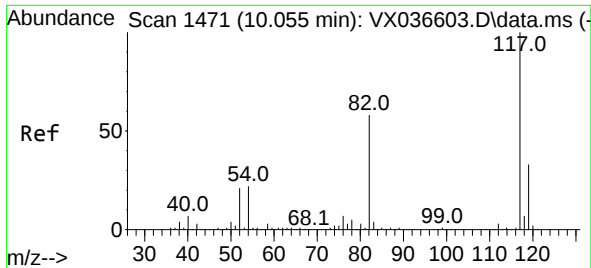


#62
4-Bromofluorobenzene
Concen: 46.175 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17



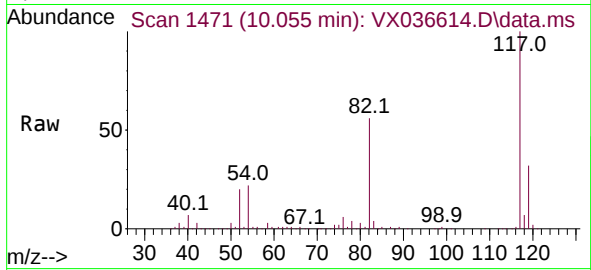
Tgt Ion: 95 Resp: 96656
Ion Ratio Lower Upper
95 100
174 71.5 0.0 135.6
176 68.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

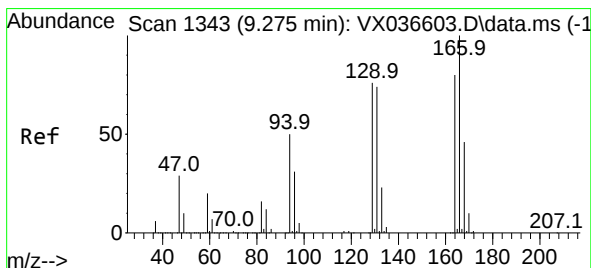
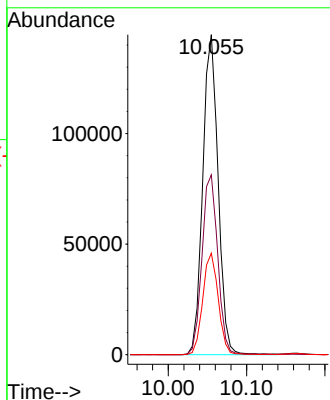
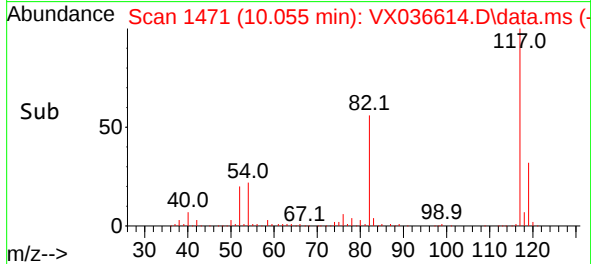
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



Tgt Ion:117 Resp: 196810
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.4
119 31.7 25.5 38.3

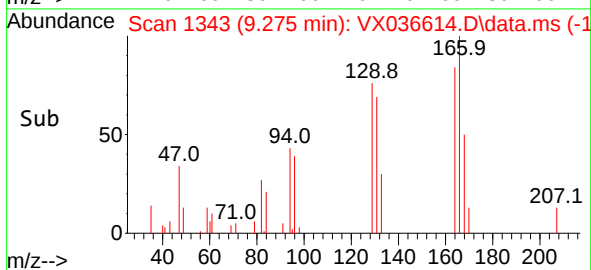
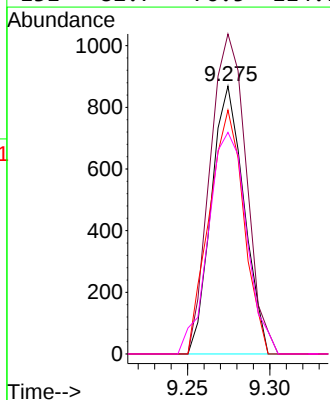
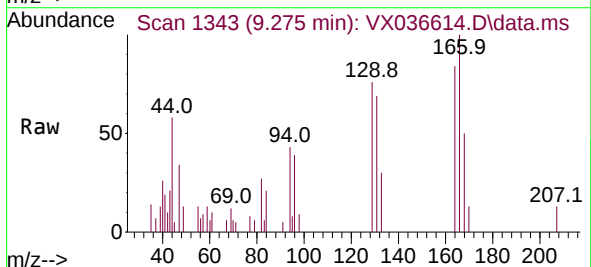
Manual Integrations
APPROVED

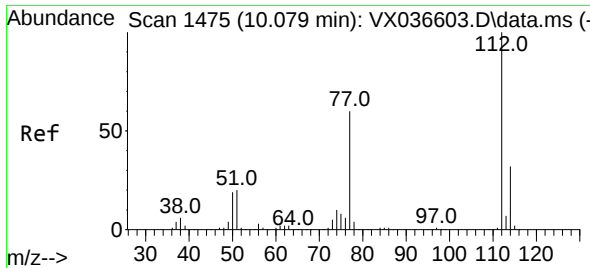
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#64
Tetrachloroethene
Concen: 0.816 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Tgt Ion:164 Resp: 1198
Ion Ratio Lower Upper
164 100
166 119.4 102.7 154.1
129 91.0 80.4 120.6
131 82.7 76.5 114.7





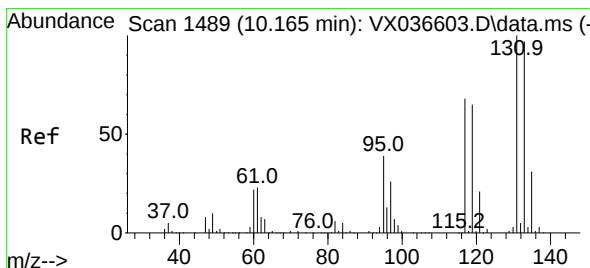
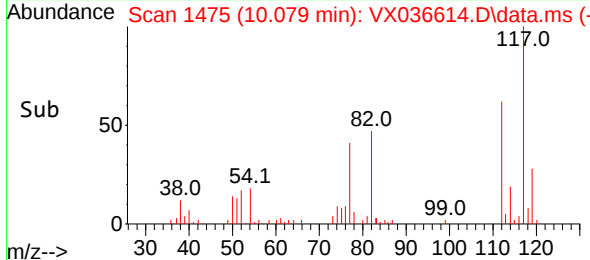
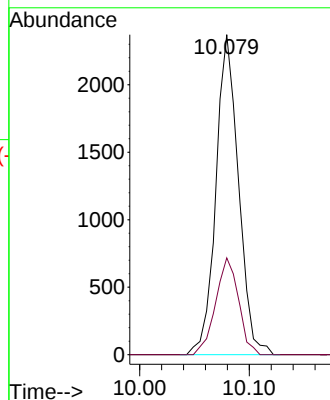
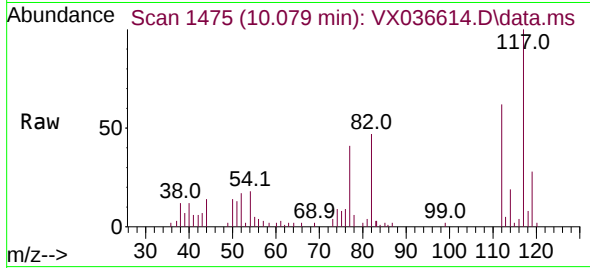
#65
Chlorobenzene
Concen: 0.783 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion:112 Resp: 3398
Ion Ratio Lower Upper
112 100
114 30.2 25.7 38.5

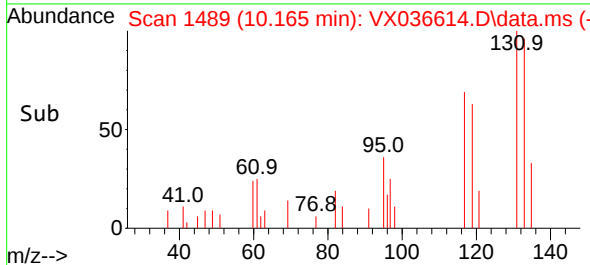
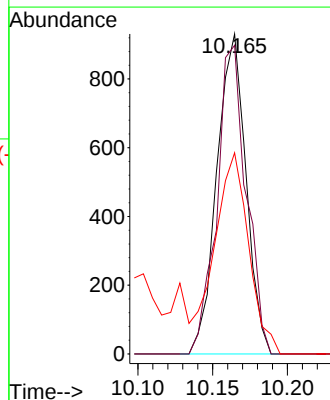
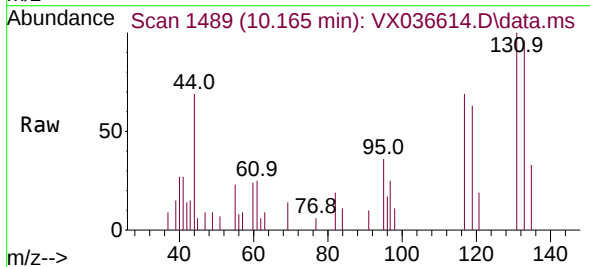
Manual Integrations
APPROVED

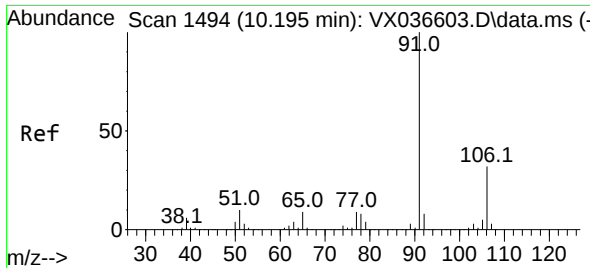
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.751 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Tgt Ion:131 Resp: 1259
Ion Ratio Lower Upper
131 100
133 97.8 47.1 141.4
119 0.0 32.2 96.6#





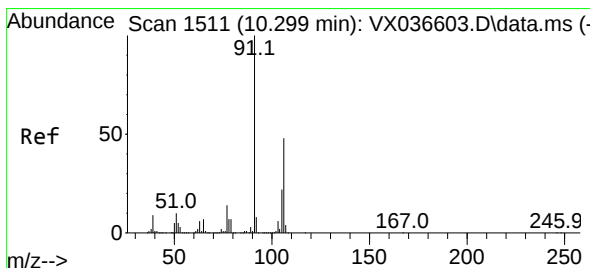
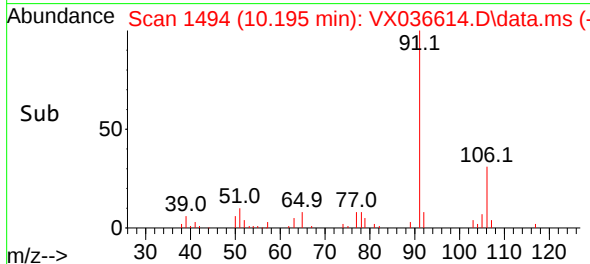
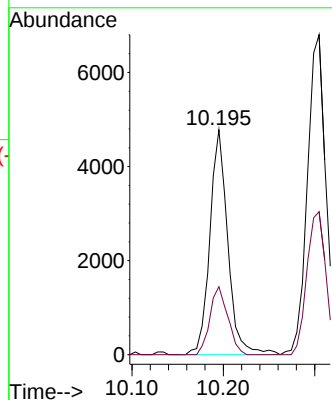
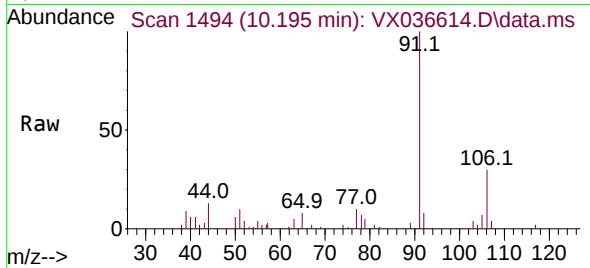
#67
Ethyl Benzene
Concen: 0.823 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 91 Resp: 652
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

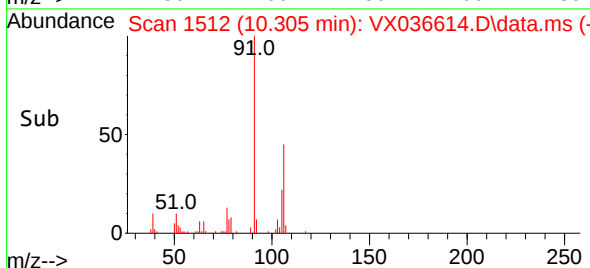
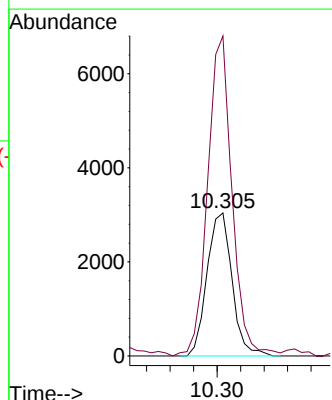
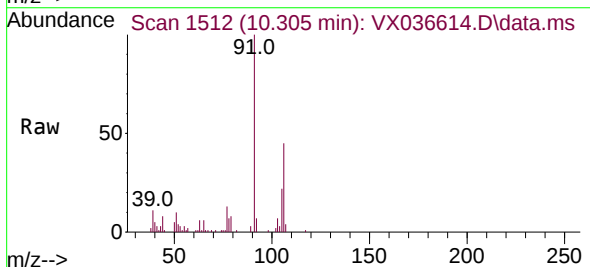
Manual Integrations
APPROVED

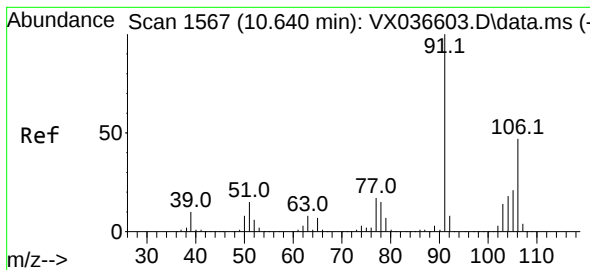
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#68
m/p-Xylenes
Concen: 1.522 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Tgt Ion:106 Resp: 4501
Ion Ratio Lower Upper
106 100
91 217.6 165.5 248.3





#69

o-Xylene

Concen: 0.764 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion:106 Resp: 2250

Ion Ratio Lower Upper

106 100

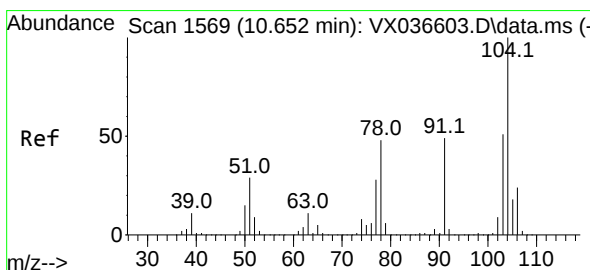
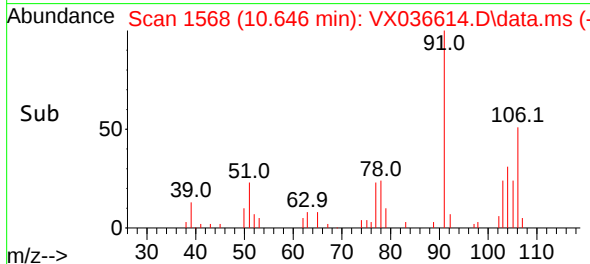
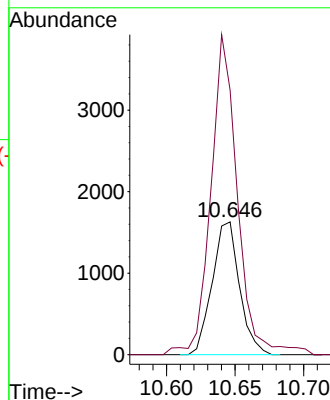
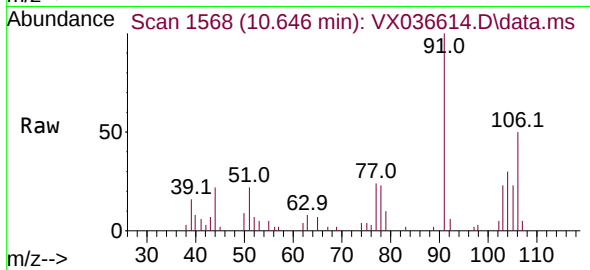
91 235.1 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#70

Styrene

Concen: 0.724 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

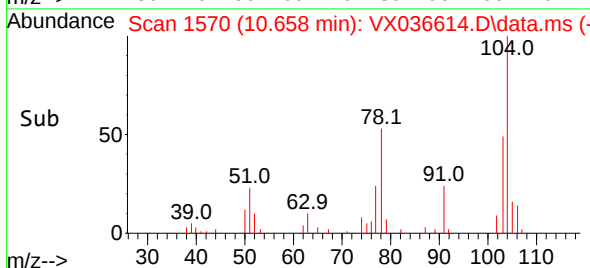
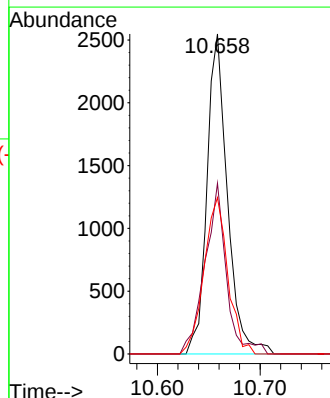
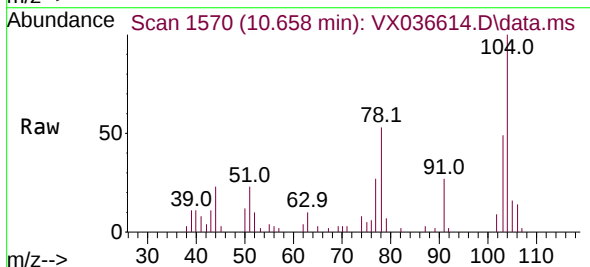
Tgt Ion:104 Resp: 3527

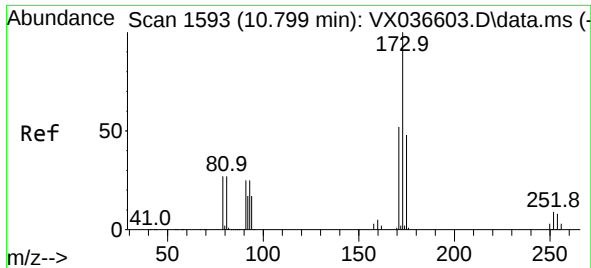
Ion Ratio Lower Upper

104 100

78 56.1 43.6 65.4

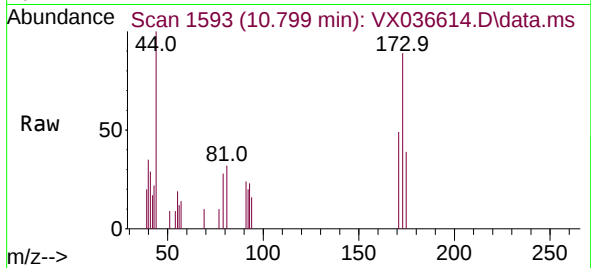
103 56.9 43.6 65.4





#71
Bromoform
Concen: 0.568 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

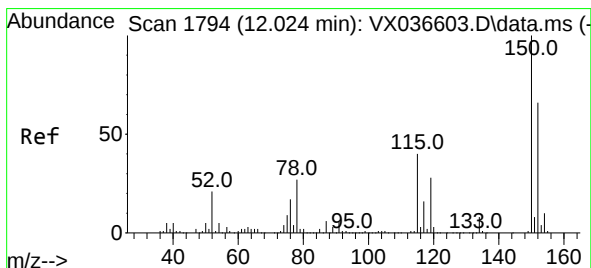
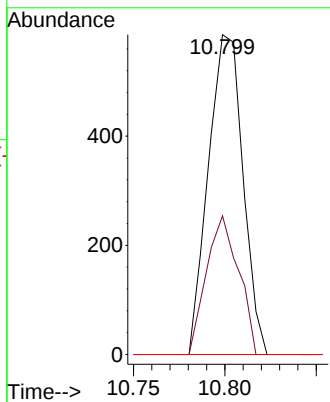
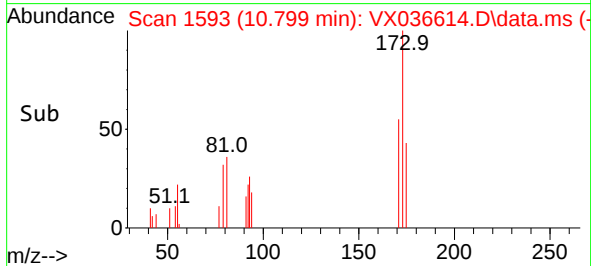
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



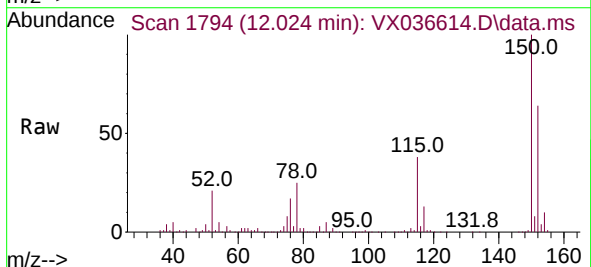
Tgt Ion:173 Resp: 77.0
Ion Ratio Lower Upper
173 100
175 40.3 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

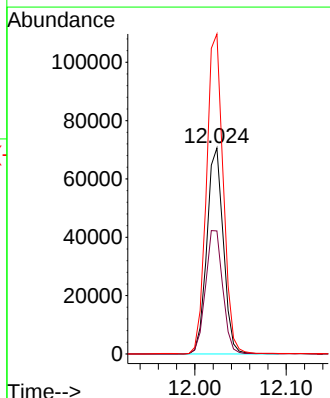
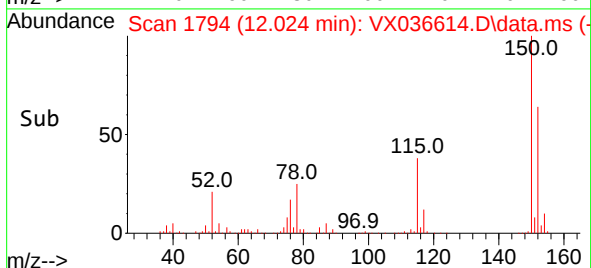
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

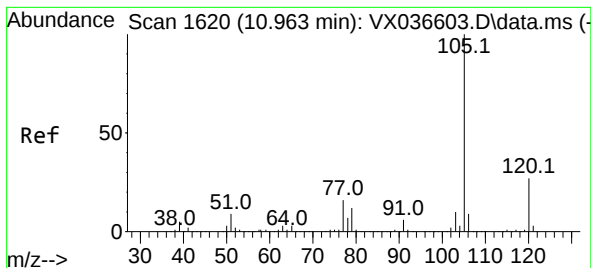


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17



Tgt Ion:152 Resp: 88144
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 158.6 0.0 345.0





#73

Isopropylbenzene

Concen: 0.805 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion:105 Resp: 586

Ion Ratio Lower Upper

105 100

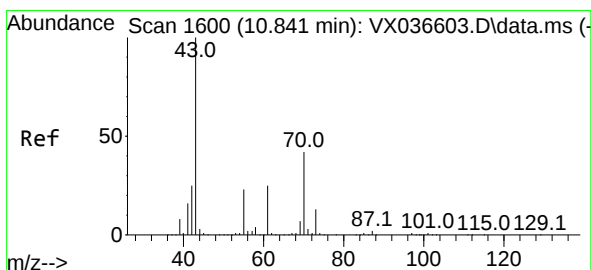
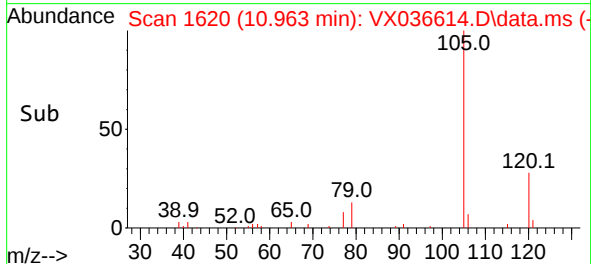
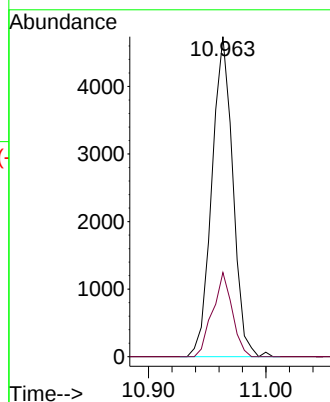
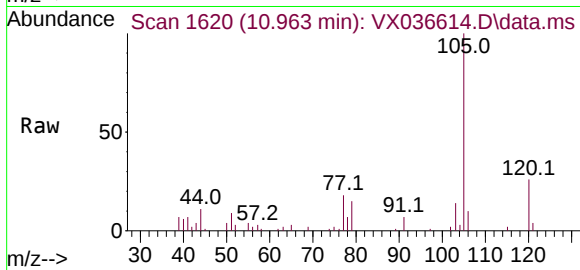
120 24.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#74

N-ethyl acetate

Concen: 0.634 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Tgt Ion: 43 Resp: 2155

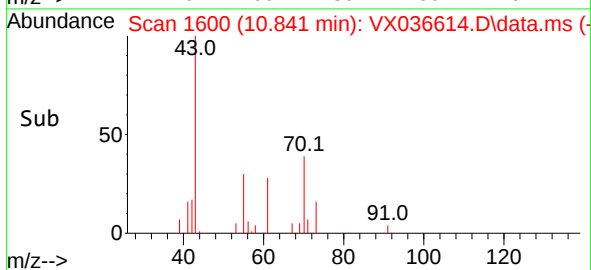
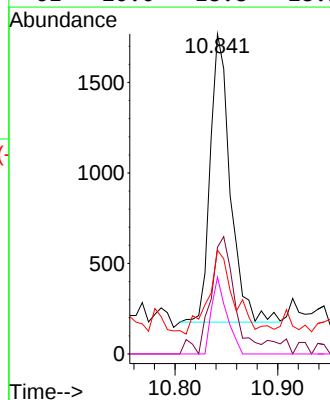
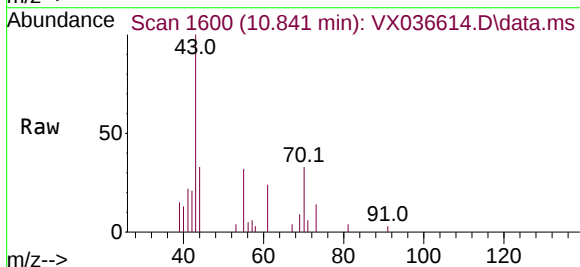
Ion Ratio Lower Upper

43 100

70 49.0 32.9 49.3

55 35.8 19.3 28.9#

61 20.0 18.8 28.2





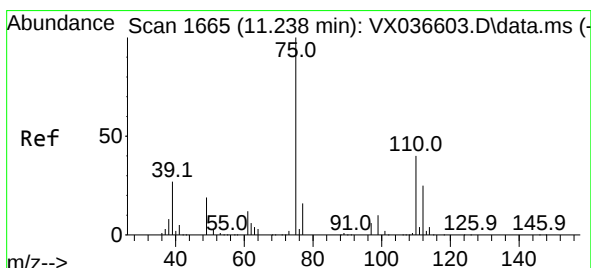
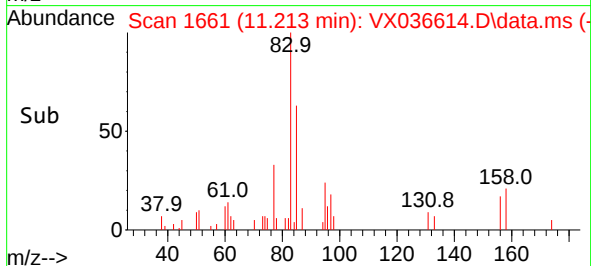
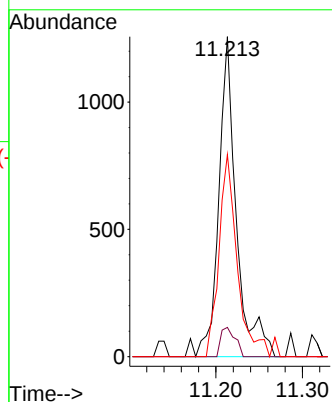
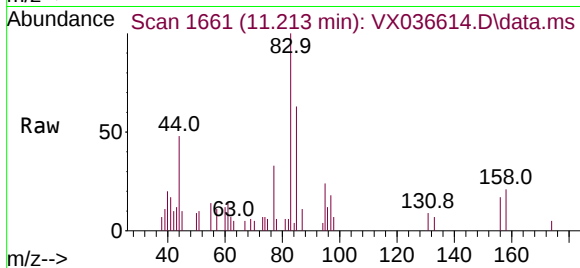
#75
1,1,2,2-Tetrachloroethane
Concen: 0.726 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 83 Resp: 1789
Ion Ratio Lower Upper
83 100
131 7.4 5.3 15.8
85 64.7 32.0 96.2

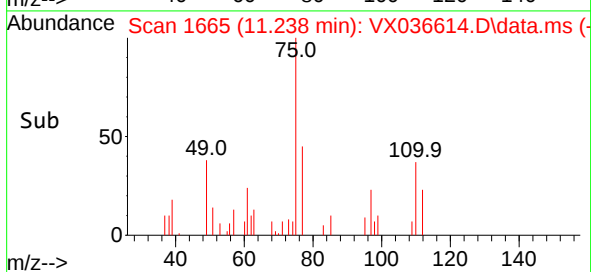
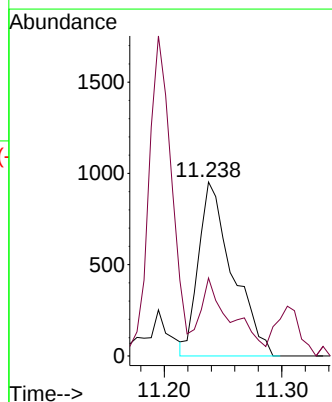
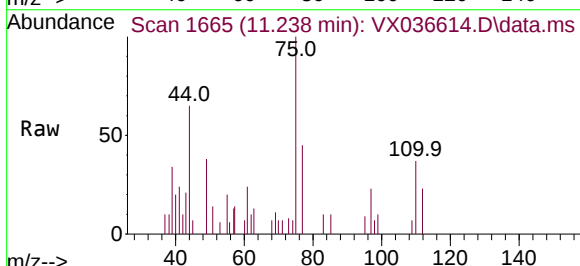
Manual Integrations
APPROVED

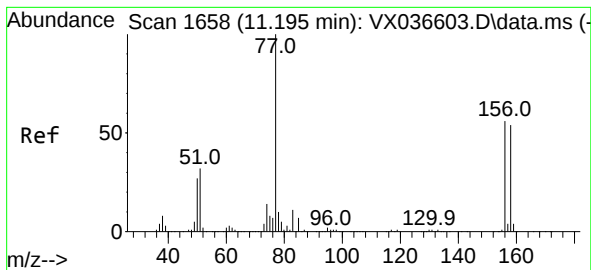
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#76
1,2,3-Trichloropropane
Concen: 0.923 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Tgt Ion: 75 Resp: 1913
Ion Ratio Lower Upper
75 100
77 39.6 19.1 57.5





#77

Bromobenzene

Concen: 0.714 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

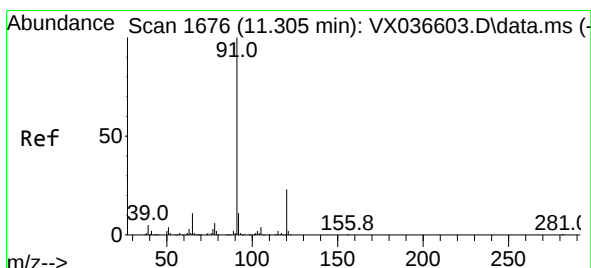
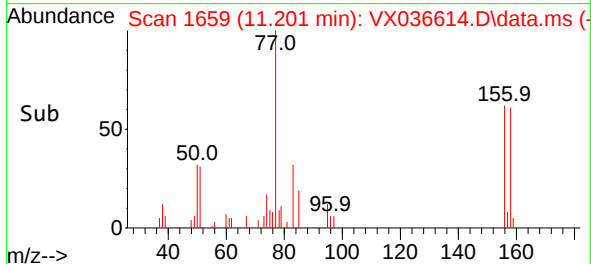
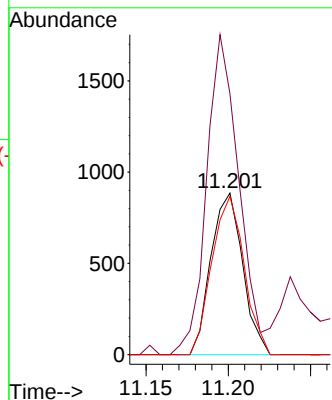
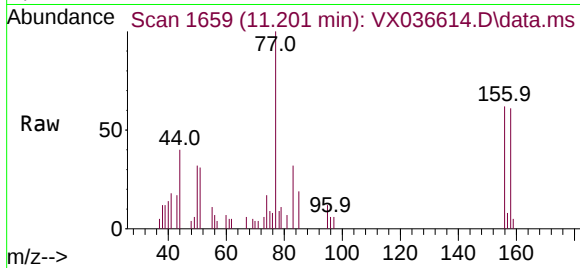
Tgt Ion:	156	Resp:	1180
Ion Ratio	Lower	Upper	
156	100		
77	199.5	88.4	265.3
158	99.8	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#78

n-propylbenzene

Concen: 0.853 ug/l

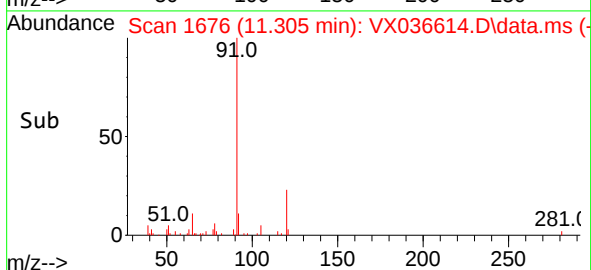
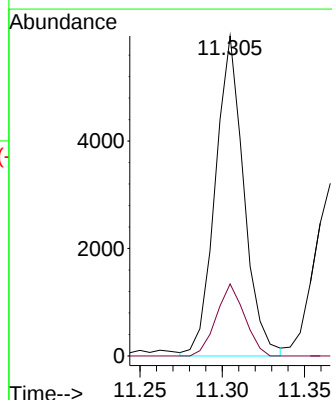
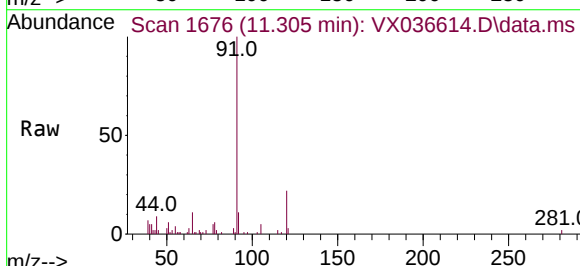
RT: 11.305 min Scan# 1676

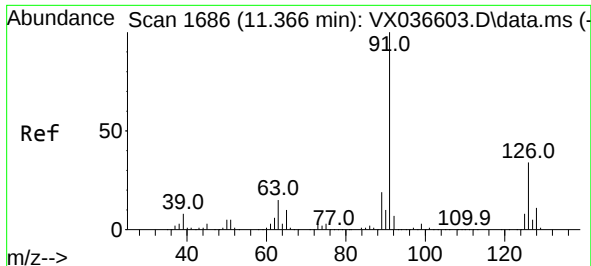
Delta R.T. -0.000 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Tgt Ion:	91	Resp:	7194
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.5	34.4





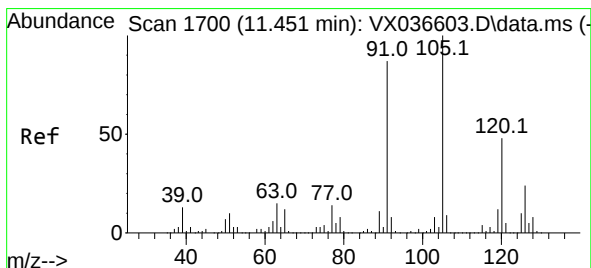
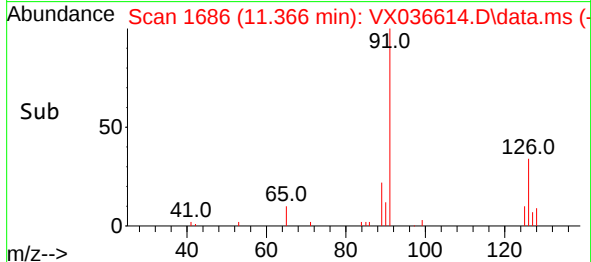
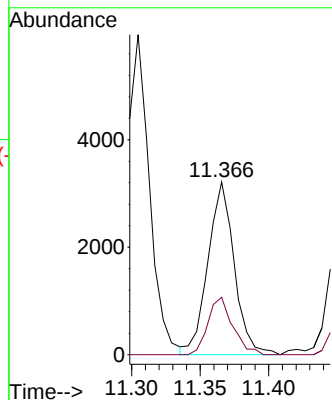
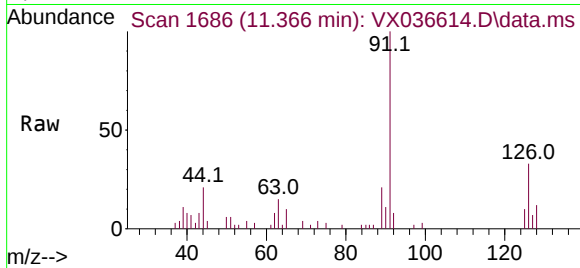
#79
2-Chlorotoluene
Concen: 0.839 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 91 Resp: 429
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.8

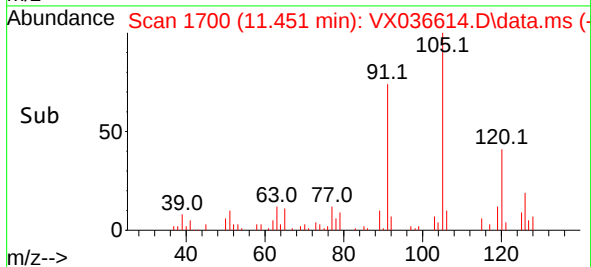
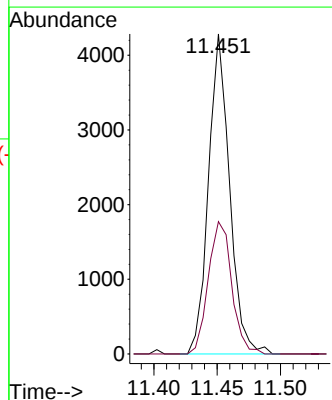
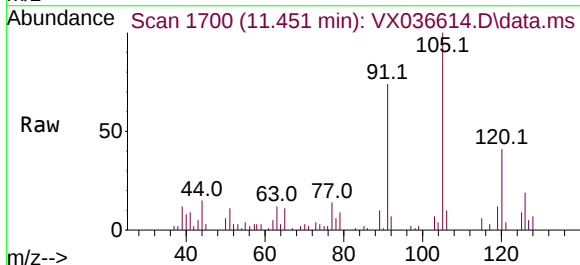
Manual Integrations
APPROVED

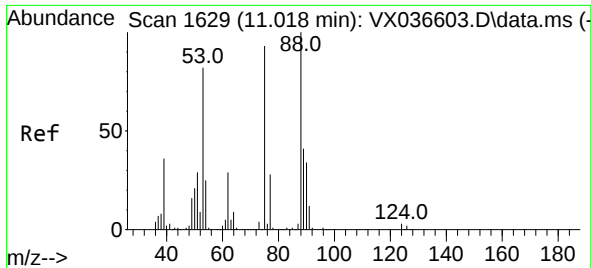
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.813 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

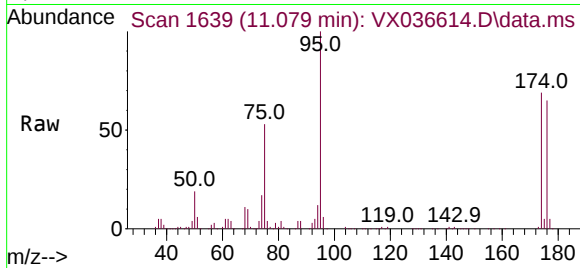
Tgt Ion:105 Resp: 4963
Ion Ratio Lower Upper
105 100
120 46.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 54.581 ug/l
RT: 11.079 min Scan# 1629
Delta R.T. 0.061 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

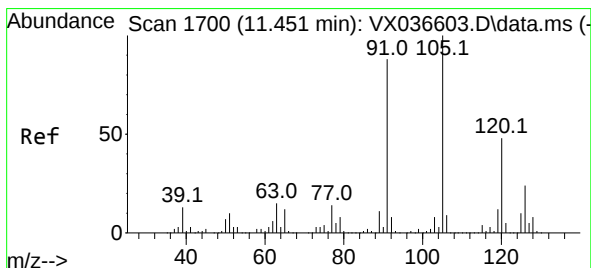
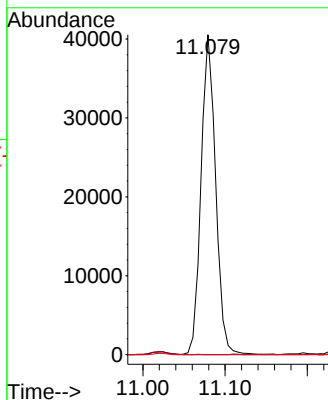
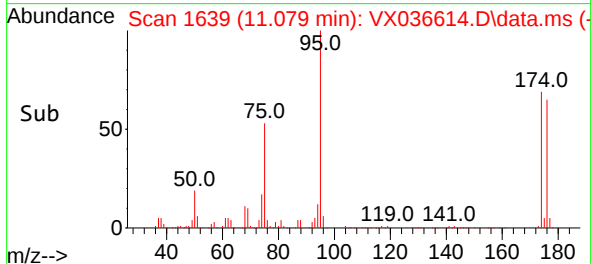
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



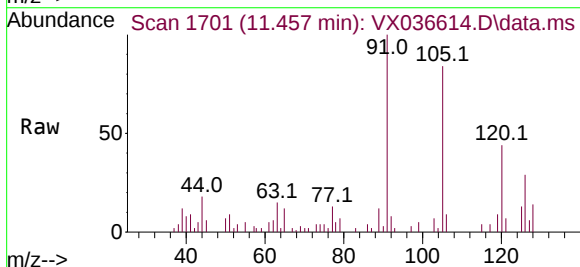
Tgt Ion: 75 Resp: 49920
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 36.9 55.3

Manual Integrations
APPROVED

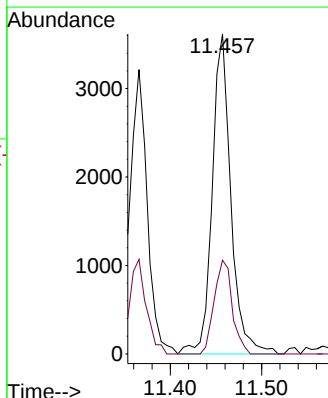
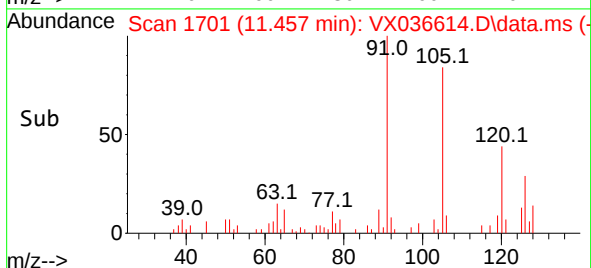
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

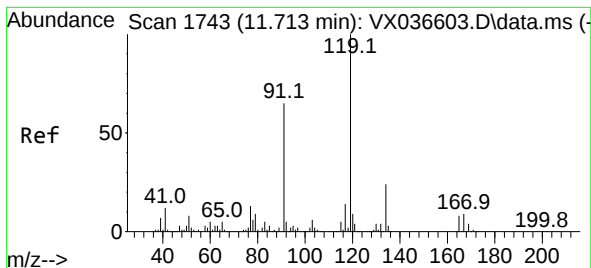


#82
4-Chlorotoluene
Concen: 0.881 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17



Tgt Ion: 91 Resp: 5129
Ion Ratio Lower Upper
91 100
126 28.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.812 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

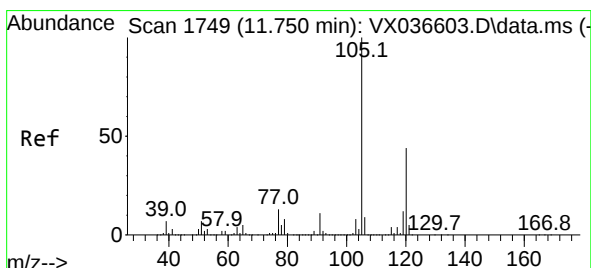
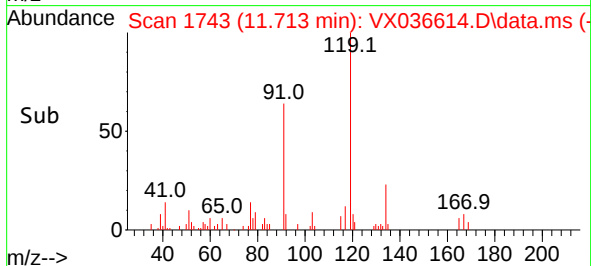
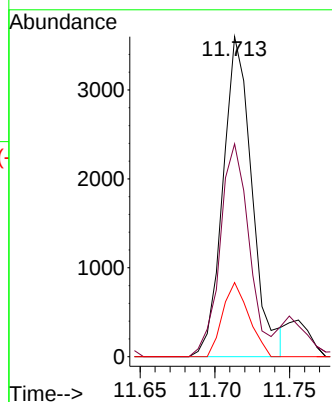
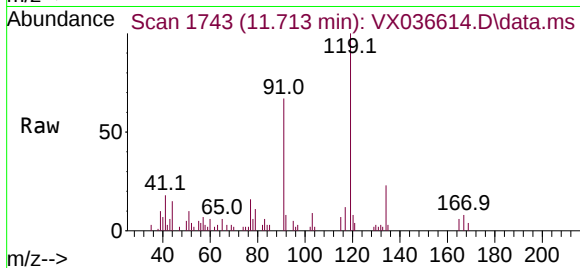
Tgt Ion:	119	Resp:	486
Ion Ratio	Lower	Upper	
119	100		
91	66.6	31.2	93.6
134	20.9	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#84

1,2,4-Trimethylbenzene

Concen: 0.817 ug/l

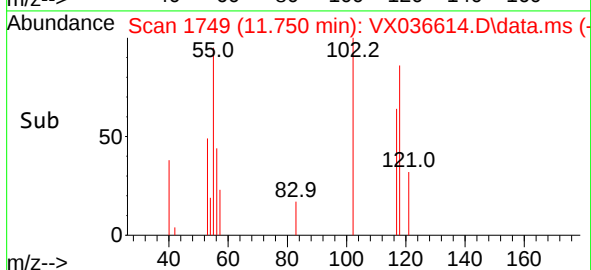
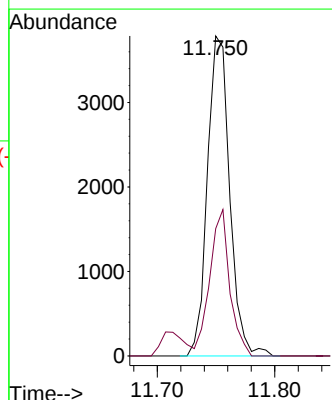
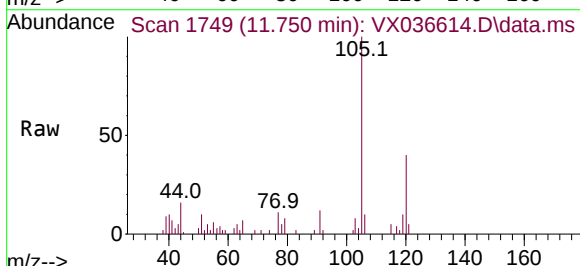
RT: 11.750 min Scan# 1749

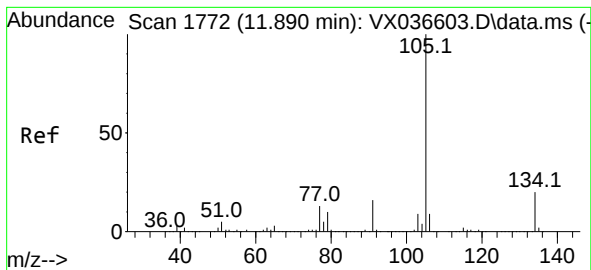
Delta R.T. -0.000 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Tgt Ion:	105	Resp:	4984
Ion Ratio	Lower	Upper	
105	100		
120	40.8	21.2	63.6





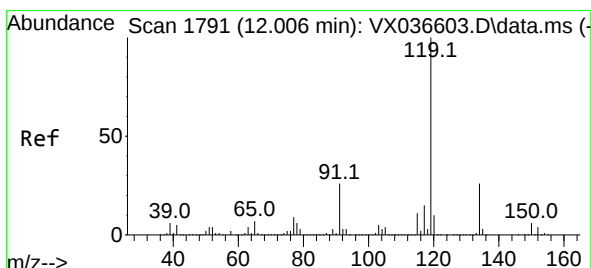
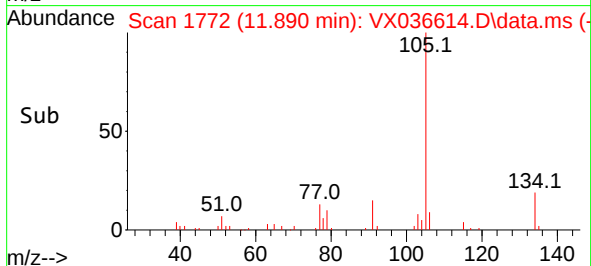
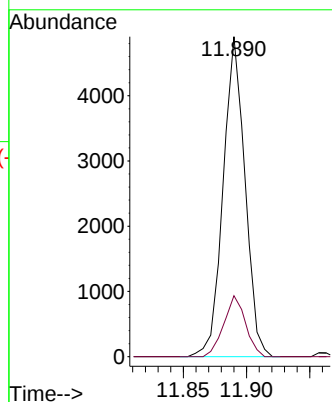
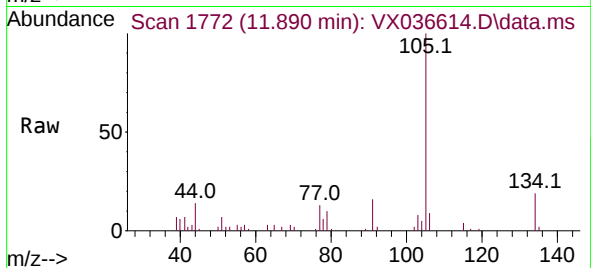
#85
 sec-Butylbenzene
 Concen: 0.786 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036614.D
 Acq: 21 Jul 2023 17:17

Instrument : MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Tgt Ion:105 Resp: 587
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

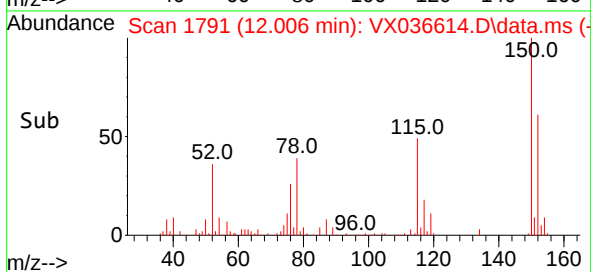
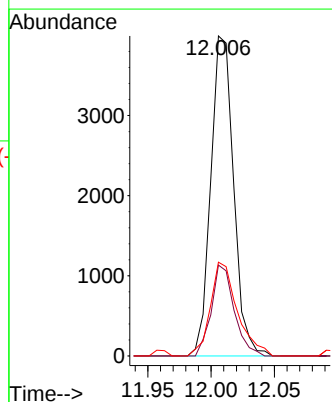
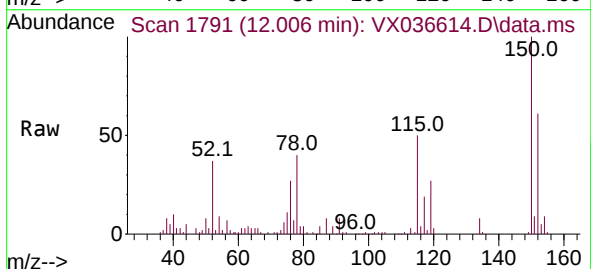
Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#86
 p-Isopropyltoluene
 Concen: 0.815 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036614.D
 Acq: 21 Jul 2023 17:17

Tgt Ion:119 Resp: 5014
 Ion Ratio Lower Upper
 119 100
 134 28.4 12.8 38.3
 91 34.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.767 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX036614.D

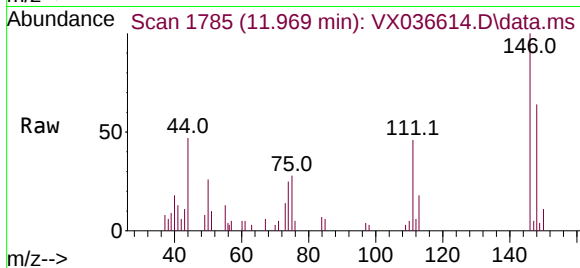
Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



Tgt Ion:146 Resp: 2360

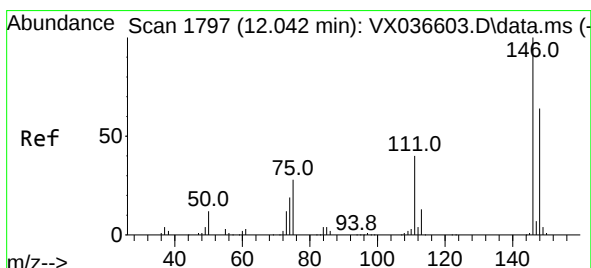
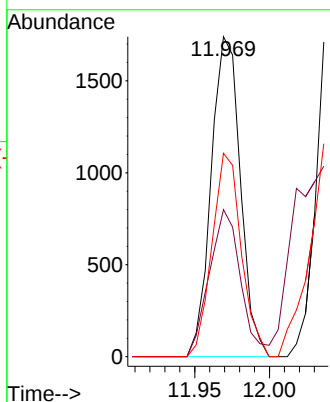
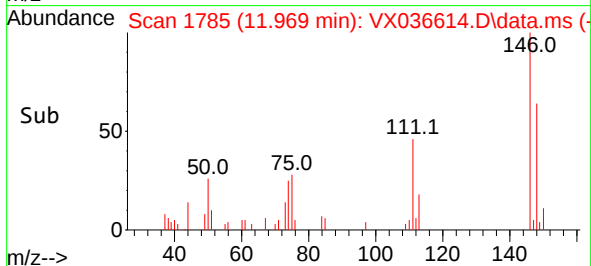
Ion	Ratio	Lower	Upper
146	100		
111	49.6	22.1	66.1
148	63.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#88

1,4-Dichlorobenzene

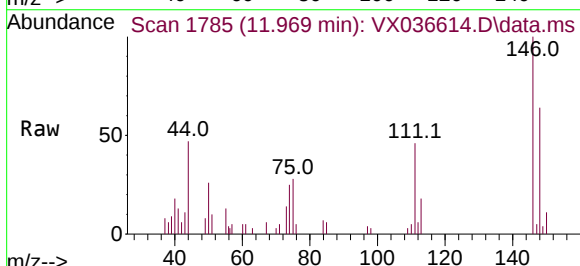
Concen: 0.773 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

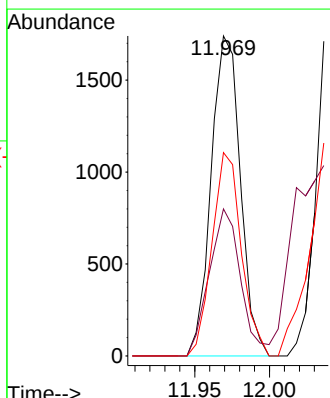
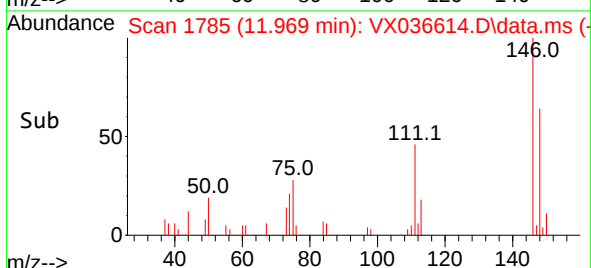
Lab File: VX036614.D

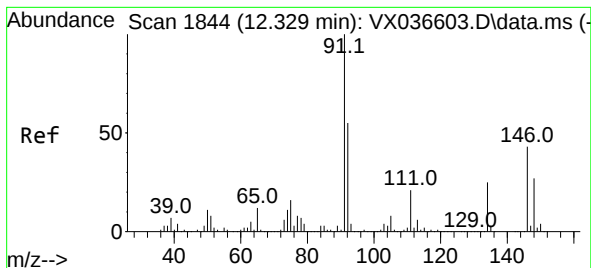
Acq: 21 Jul 2023 17:17



Tgt Ion:146 Resp: 2360

Ion	Ratio	Lower	Upper
146	100		
111	49.6	21.3	63.7
148	63.9	31.8	95.4





#89

n-Butylbenzene

Concen: 0.770 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 91 Resp: 424

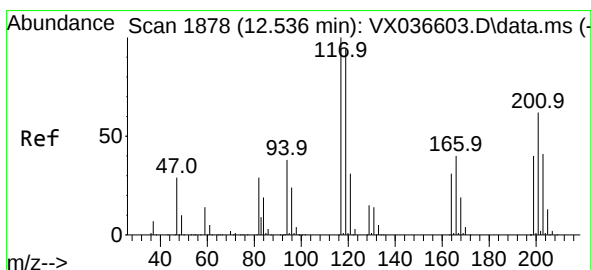
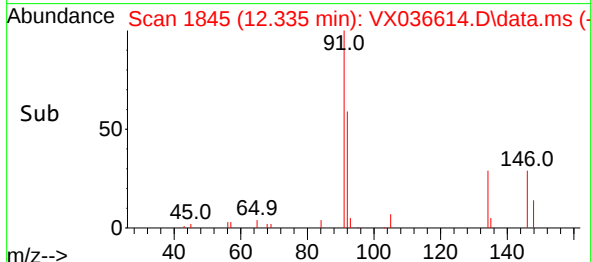
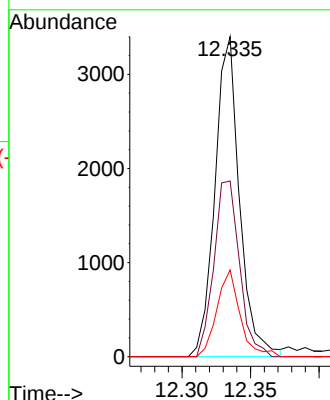
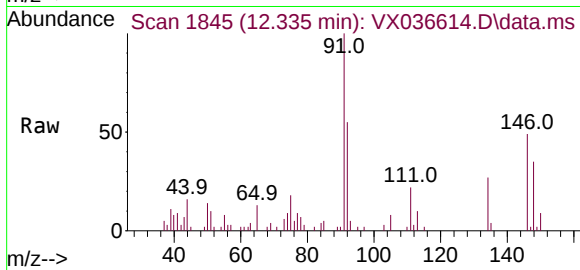
Ion	Ratio	Lower	Upper
91	100		
92	57.1	27.4	82.0
134	25.6	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2023

Supervised By :Mahesh Dadoda 07/24/2023



#90

Hexachloroethane

Concen: 0.868 ug/l

RT: 12.536 min Scan# 1878

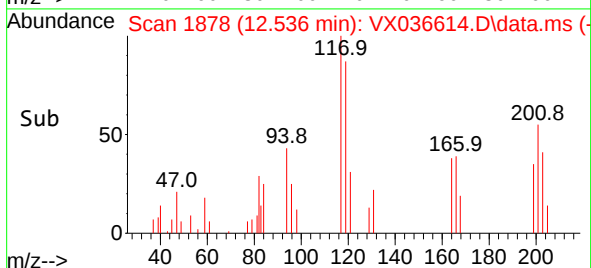
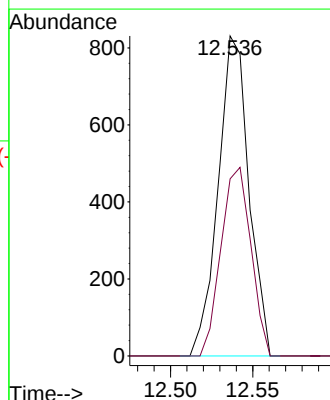
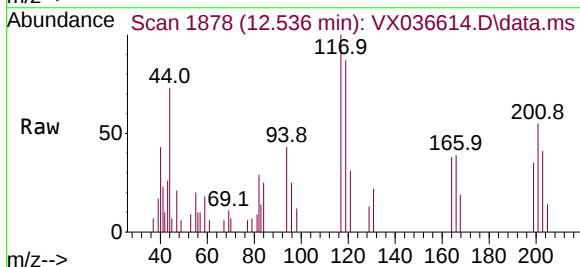
Delta R.T. -0.000 min

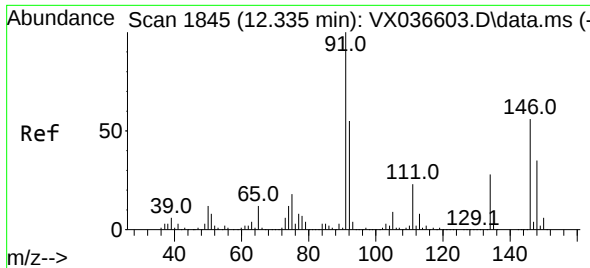
Lab File: VX036614.D

Acq: 21 Jul 2023 17:17

Tgt Ion:117 Resp: 1082

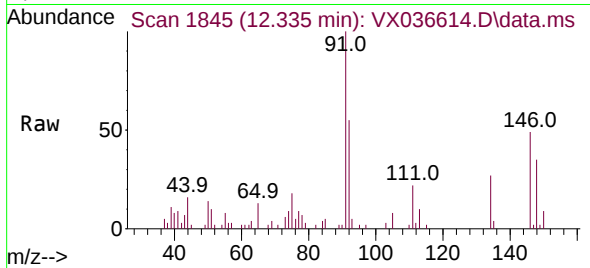
Ion	Ratio	Lower	Upper
117	100		
201	57.3	32.9	98.6





#91
1,2-Dichlorobenzene
Concen: 0.736 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

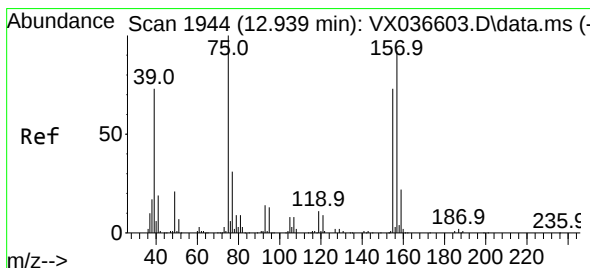
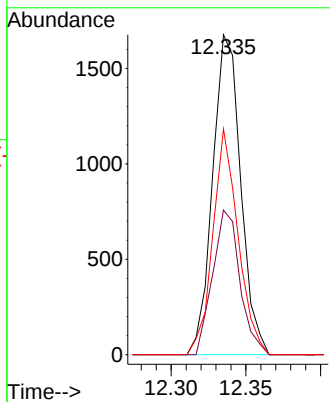
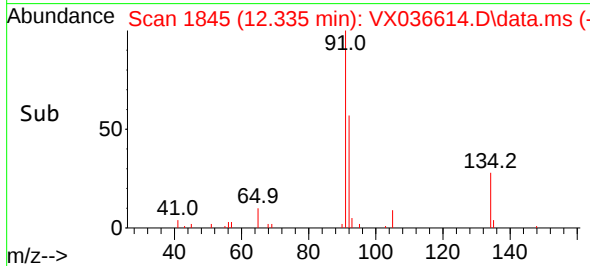
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT3-2023



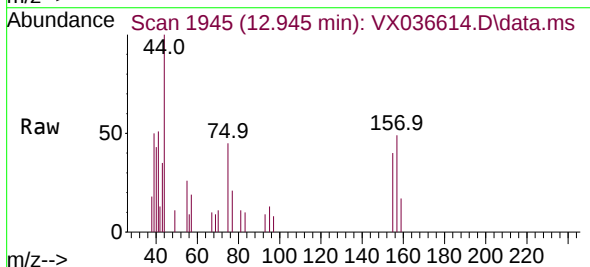
Tgt Ion:146 Resp: 2184
Ion Ratio Lower Upper
146 100
111 44.0 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
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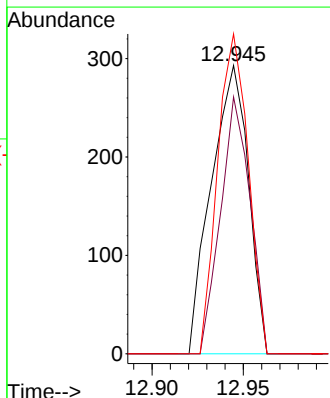
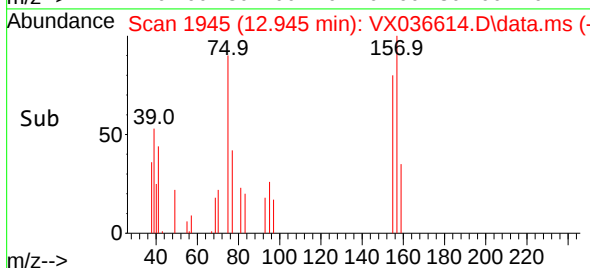
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023

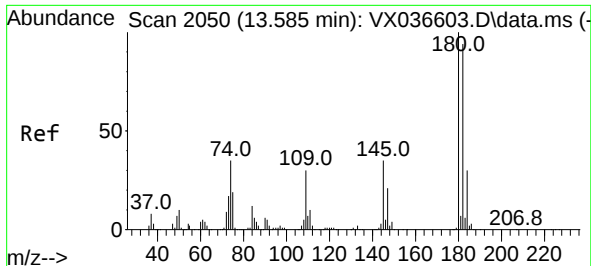


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.721 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17



Tgt Ion: 75 Resp: 413
Ion Ratio Lower Upper
75 100
155 70.9 36.1 108.5
157 91.5 44.9 134.7





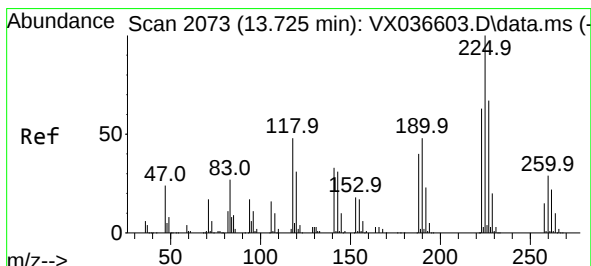
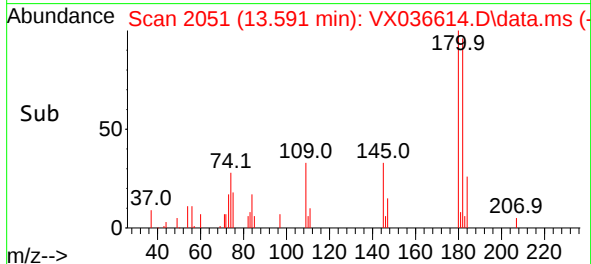
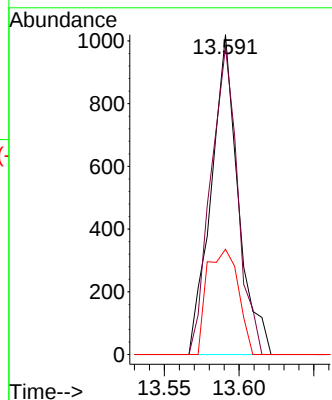
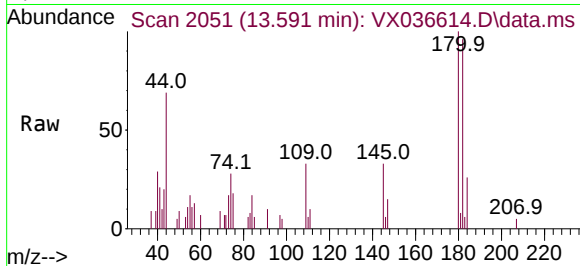
#93
1,2,4-Trichlorobenzene
Concen: 0.701 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:180 Resp: 128
Ion Ratio Lower Upper
180 100
182 96.2 48.3 144.8
145 37.8 18.0 54.0

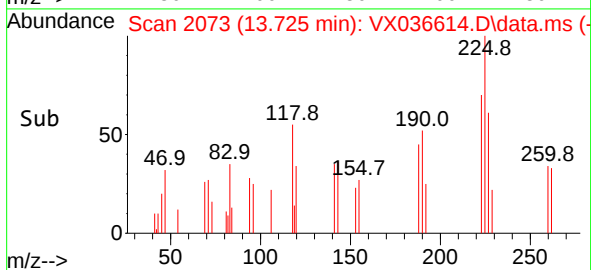
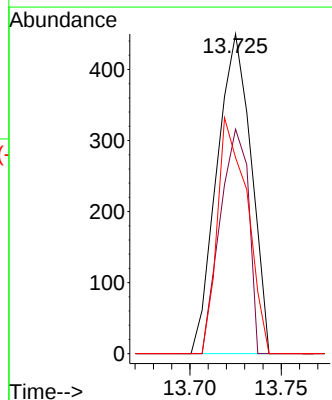
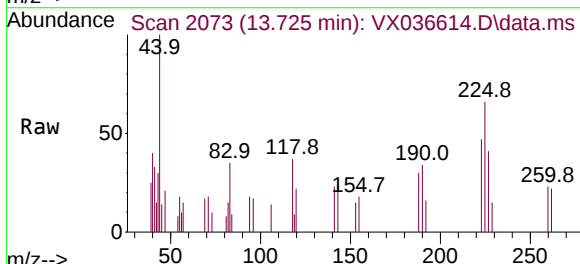
Manual Integrations
APPROVED

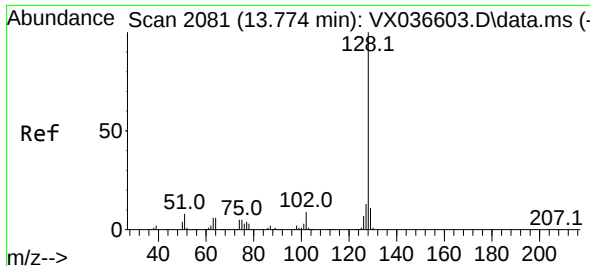
Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#94
Hexachlorobutadiene
Concen: 0.774 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

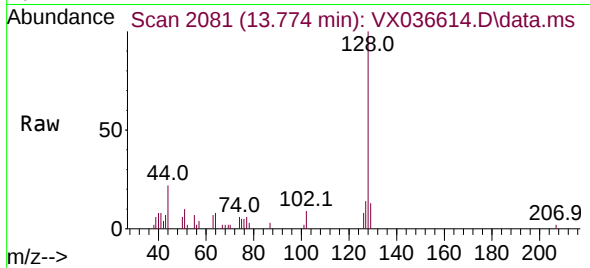
Tgt Ion:225 Resp: 586
Ion Ratio Lower Upper
225 100
223 58.4 31.1 93.2
227 64.5 32.5 97.5





#95
Naphthalene
Concen: 0.649 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

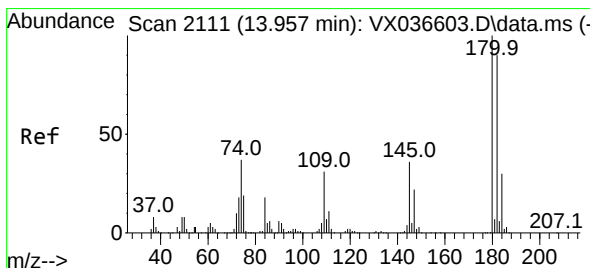
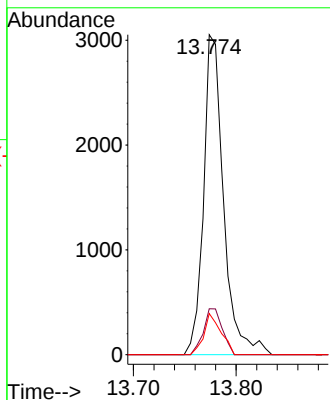
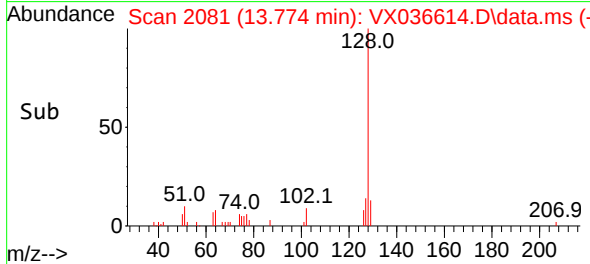
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023



Tgt Ion:128 Resp: 413
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2023
Supervised By :Mahesh Dadoda 07/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.675 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036614.D
Acq: 21 Jul 2023 17:17

Tgt Ion:180 Resp: 1217
Ion Ratio Lower Upper
180 100
182 97.2 46.9 140.6
145 35.6 17.8 53.5

