

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038254.D
 Acq On : 12 Oct 2023 14:15
 Operator : JC/MD
 Sample : 04699-07 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Quant Time: Oct 13 06:40:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 06:37:36 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	120755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97631	50.266	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.540%			
35) Dibromofluoromethane	5.385	113	74580	50.094	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.180%			
50) Toluene-d8	8.647	98	273074	48.000	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.000%			
62) 4-Bromofluorobenzene	11.079	95	99528	46.146	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	897	0.770	ug/l	95
3) Chloromethane	1.301	50	990	0.833	ug/l	99
4) Vinyl Chloride	1.374	62	1247	0.947	ug/l	94
5) Bromomethane	1.611	94	1306	0.726	ug/l	92
6) Chloroethane	1.691	64	1101	0.942	ug/l	94
7) Trichlorofluoromethane	1.892	101	2381	0.915	ug/l	87
8) Diethyl Ether	2.136	74	862	0.888	ug/l	80
9) 1,1,2-Trichlorotrifluo...	2.325	101	1000	0.880	ug/l	86
10) Methyl Iodide	2.453	142	1127	0.690	ug/l #	93
11) Tert butyl alcohol	2.947	59	2534	5.358	ug/l #	90
12) 1,1-Dichloroethene	2.325	96	912	0.825	ug/l	84
13) Acrolein	2.233	56	995	3.604	ug/l	85
14) Allyl chloride	2.666	41	1334	0.675	ug/l	92
15) Acrylonitrile	3.068	53	3492	3.951	ug/l	91
16) Acetone	2.380	43	3619	4.465	ug/l	96
17) Carbon Disulfide	2.508	76	2421	0.760	ug/l	98
18) Methyl Acetate	2.709	43	2758	0.793	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	2869	0.652	ug/l	96
20) Methylene Chloride	2.794	84	1379	0.904	ug/l #	78
21) trans-1,2-Dichloroethene	3.099	96	1057	0.773	ug/l #	81
22) Diisopropyl ether	3.764	45	2722	0.657	ug/l #	80
23) Vinyl Acetate	3.733	43	8539	2.811	ug/l	95
24) 1,1-Dichloroethane	3.611	63	1784	0.710	ug/l #	86
25) 2-Butanone	4.568	43	4892	3.740	ug/l #	90
26) 2,2-Dichloropropane	4.477	77	1341	0.683	ug/l #	75
27) cis-1,2-Dichloroethene	4.495	96	1295	0.795	ug/l	85
28) Bromochloromethane	4.904	49	912	0.804	ug/l #	69
29) Tetrahydrofuran	5.019	42	2998	3.521	ug/l	96
30) Chloroform	5.093	83	2174	0.791	ug/l	86
31) Cyclohexane	5.477	56	1486	0.706	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	1619	0.688	ug/l #	49
36) 1,1-Dichloropropene	5.702	75	1515	0.738	ug/l	90
37) Ethyl Acetate	4.721	43	2039	0.836	ug/l #	70
38) Carbon Tetrachloride	5.690	117	1633	0.809	ug/l #	74
39) Methylcyclohexane	7.385	83	1851	0.770	ug/l #	84
40) Benzene	6.037	78	4307	0.750	ug/l #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	733m	0.604	ug/l	
42) 1,2-Dichloroethane	6.098	62	1957	0.853	ug/l	89
43) Isopropyl Acetate	6.342	43	2323	0.638	ug/l #	67
44) Trichloroethene	7.135	130	1259	0.838	ug/l	95
45) 1,2-Dichloropropane	7.434	63	1099	0.739	ug/l #	70
46) Dibromomethane	7.592	93	908	0.788	ug/l	98
47) Bromodichloromethane	7.830	83	1520	0.741	ug/l	99
48) Methyl methacrylate	7.714	41	1114	0.641	ug/l #	84
49) 1,4-Dioxane	7.671	88	588	13.732	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	7791	3.103	ug/l	98
52) Toluene	8.720	92	2893	0.773	ug/l	97
53) t-1,3-Dichloropropene	8.988	75	1172	0.532	ug/l #	81
54) cis-1,3-Dichloropropene	8.372	75	1458	0.630	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	1112	0.695	ug/l	95
56) Ethyl methacrylate	9.128	69	1359	0.554	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	1933	0.747	ug/l	93
58) 2-Chloroethyl Vinyl ether	8.244	63	3983	3.308	ug/l	96
59) 2-Hexanone	9.433	43	6326	3.134	ug/l	95
60) Dibromochloromethane	9.519	129	922	0.589	ug/l	98
61) 1,2-Dibromoethane	9.616	107	1180	0.682	ug/l	96
64) Tetrachloroethene	9.275	164	1175	0.916	ug/l #	81
65) Chlorobenzene	10.079	112	3210	0.774	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	1053	0.751	ug/l #	63
67) Ethyl Benzene	10.201	91	5254	0.710	ug/l #	88
68) m/p-Xylenes	10.305	106	3972	1.387	ug/l	97
69) o-Xylene	10.640	106	1652	0.591	ug/l	88
70) Styrene	10.659	104	2708	0.595	ug/l	93
71) Bromoform	10.799	173	630	0.545	ug/l #	93
73) Isopropylbenzene	10.963	105	5122	0.756	ug/l	97
74) N-amyl acetate	10.848	43	1615	0.558	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	1906	0.766	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	1665m	0.725	ug/l	
77) Bromobenzene	11.201	156	1326	0.801	ug/l	91
78) n-propylbenzene	11.305	91	6218	0.750	ug/l	99
79) 2-Chlorotoluene	11.366	91	3753	0.763	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	4007	0.685	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	284m	0.395	ug/l	
82) 4-Chlorotoluene	11.457	91	4079	0.701	ug/l	96
83) tert-Butylbenzene	11.713	119	4060	0.710	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3812	0.654	ug/l	98
85) sec-Butylbenzene	11.890	105	5116	0.691	ug/l	97
86) p-Isopropyltoluene	12.012	119	4287	0.702	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	2578	0.776	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	2909m	0.857	ug/l	
89) n-Butylbenzene	12.335	91	4047	0.665	ug/l	92
90) Hexachloroethane	12.536	117	583	0.576	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	2276	0.712	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	298	0.495	ug/l	73
93) 1,2,4-Trichlorobenzene	13.591	180	1559	0.727	ug/l	98
94) Hexachlorobutadiene	13.725	225	715	0.829	ug/l	95
95) Naphthalene	13.780	128	4460	0.598	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1598	0.770	ug/l	96

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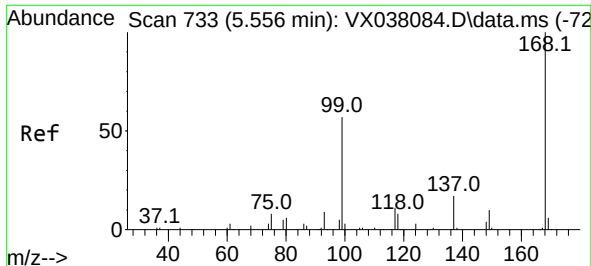
Manual Integrations
APPROVED

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QLast Update : Fri Oct 13 06:37:36 2023
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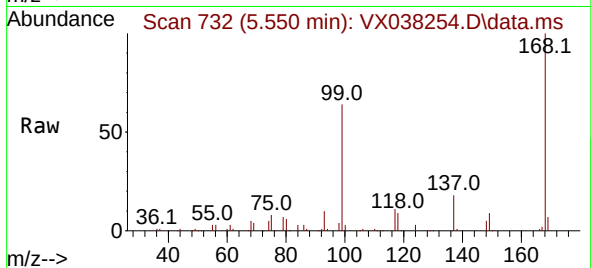
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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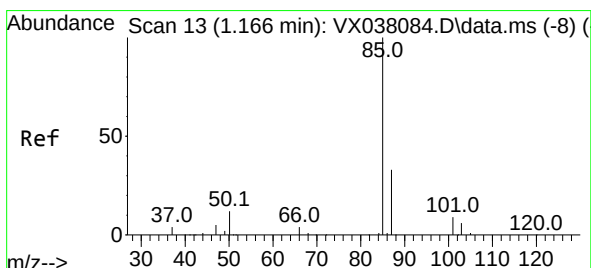
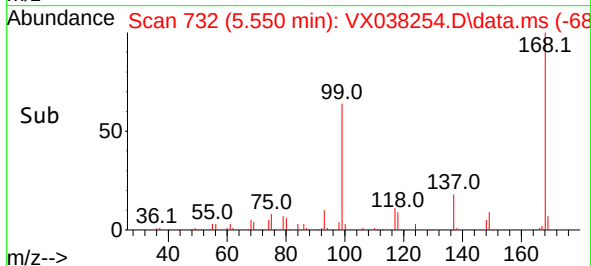
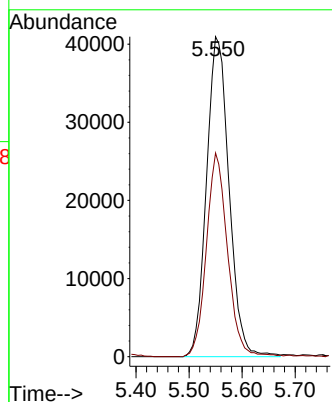
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion:168 Resp: 12075
Ion Ratio Lower Upper
168 100
99 63.7 56.6 85.0

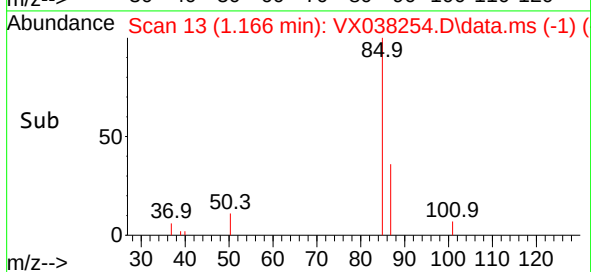
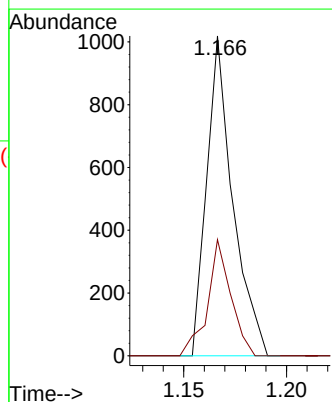
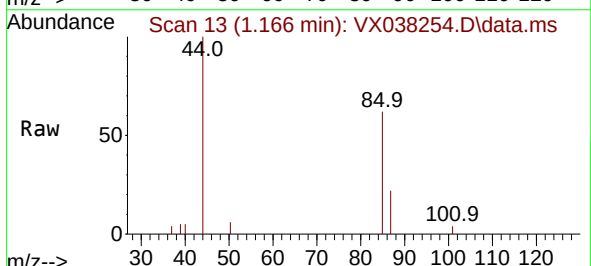
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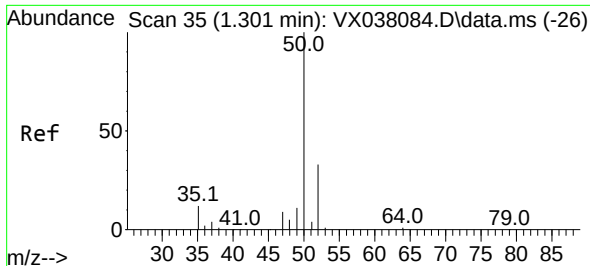
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#2
Dichlorodifluoromethane
Concen: 0.770 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

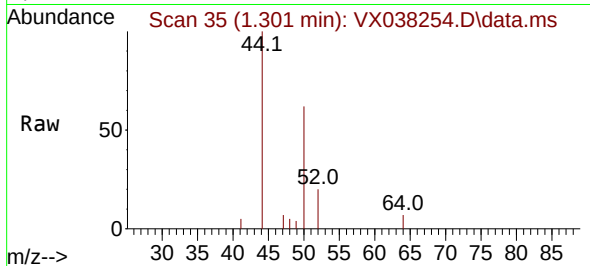
Tgt Ion: 85 Resp: 897
Ion Ratio Lower Upper
85 100
87 36.3 16.7 50.1





#3
Chloromethane
Concen: 0.833 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

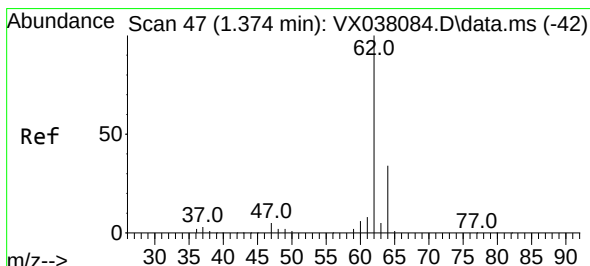
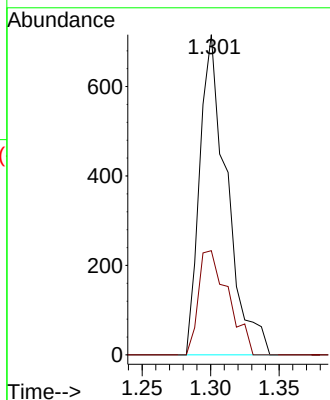
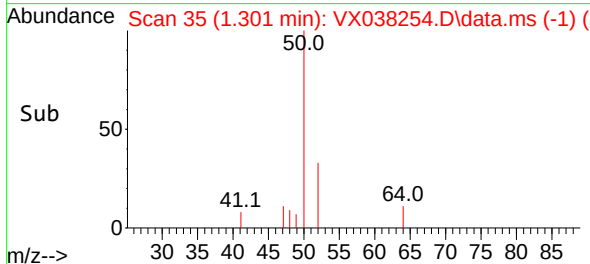
Instrument : MSVOA_X
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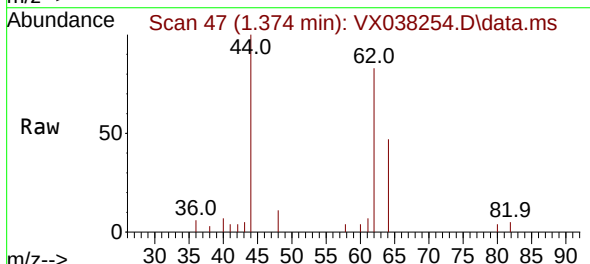
Tgt Ion: 50 Resp: 990
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3

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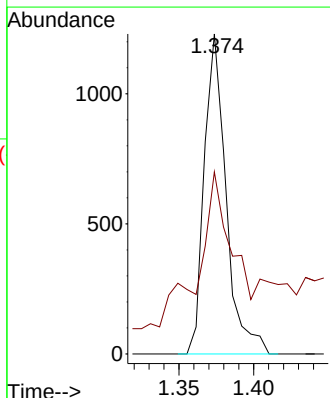
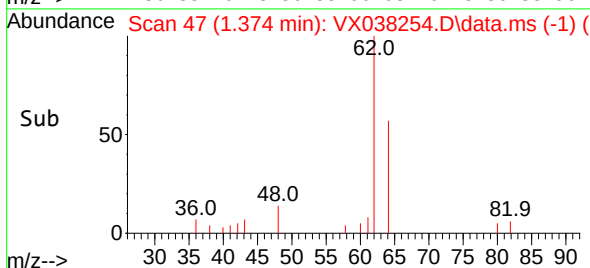
Reviewed By :John Carlone 10/13/2023
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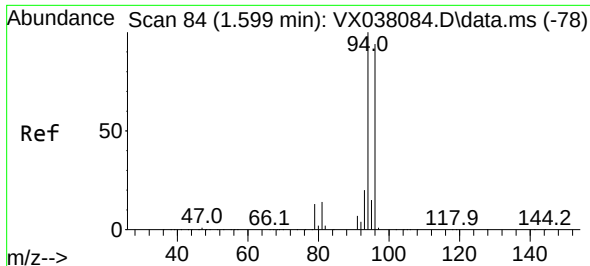


#4
Vinyl Chloride
Concen: 0.947 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15



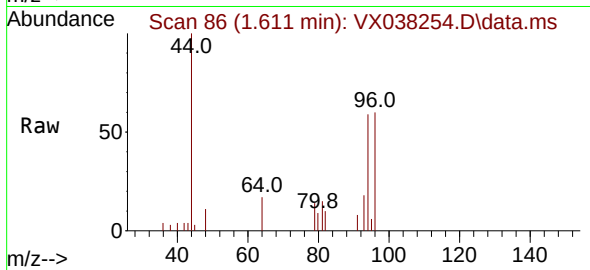
Tgt Ion: 62 Resp: 1247
Ion Ratio Lower Upper
62 100
64 35.2 25.4 38.0





#5
Bromomethane
Concen: 0.726 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

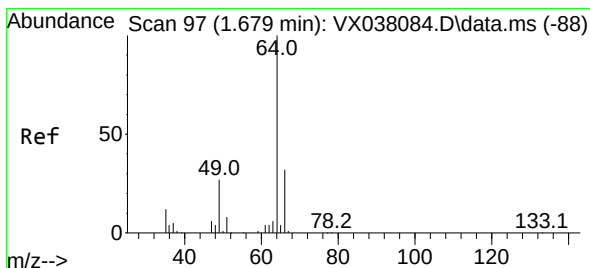
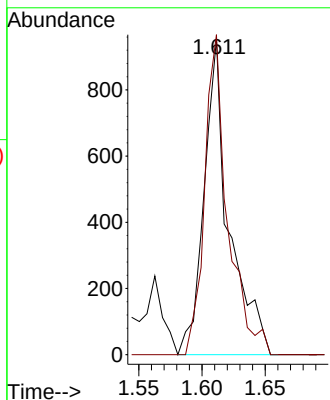
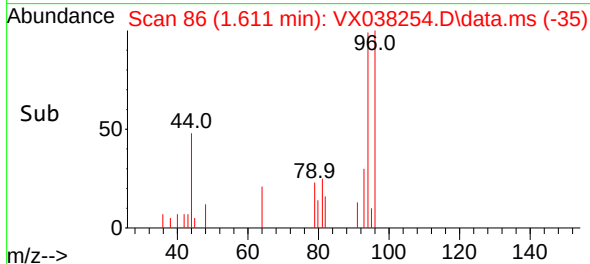
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 1300
Ion Ratio Lower Upper
94 100
96 101.4 74.6 111.8

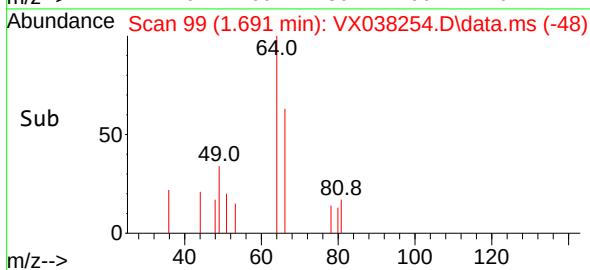
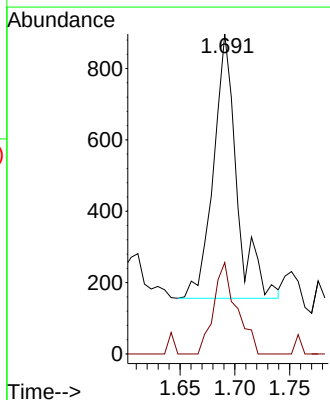
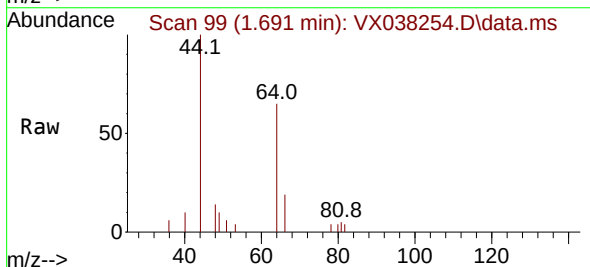
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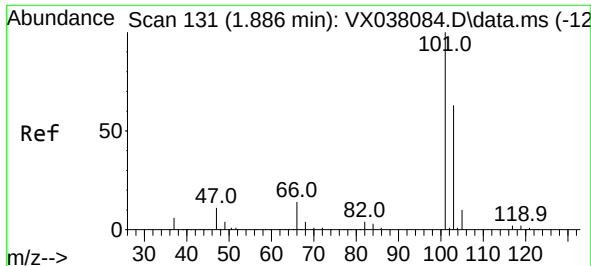
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#6
Chloroethane
Concen: 0.942 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

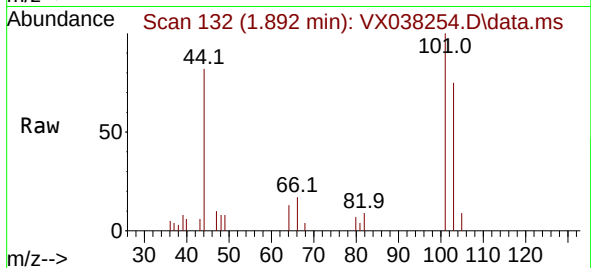
Tgt Ion: 64 Resp: 1101
Ion Ratio Lower Upper
64 100
66 34.5 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 0.915 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038254.D
 Acq: 12 Oct 2023 14:15

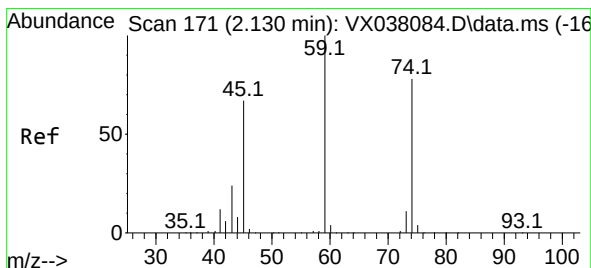
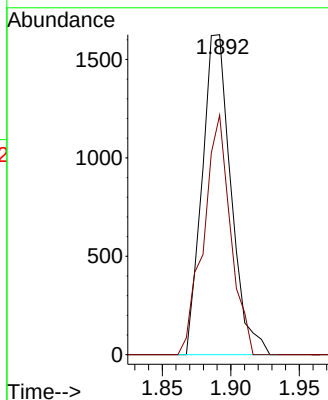
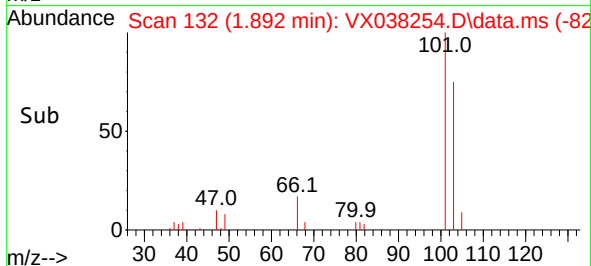
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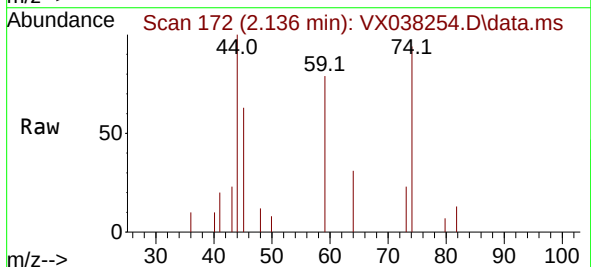
Tgt Ion:101 Resp: 238
 Ion Ratio Lower Upper
 101 100
 103 74.8 51.4 77.2

Manual Integrations
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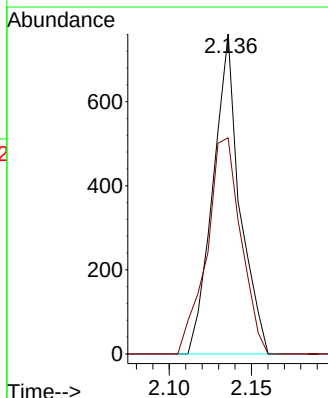
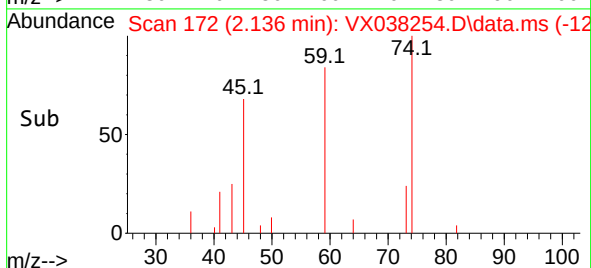
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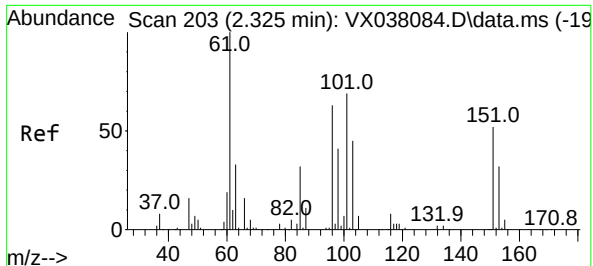


#8
 Diethyl Ether
 Concen: 0.888 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX038254.D
 Acq: 12 Oct 2023 14:15



Tgt Ion: 74 Resp: 862
 Ion Ratio Lower Upper
 74 100
 45 86.0 53.3 159.8





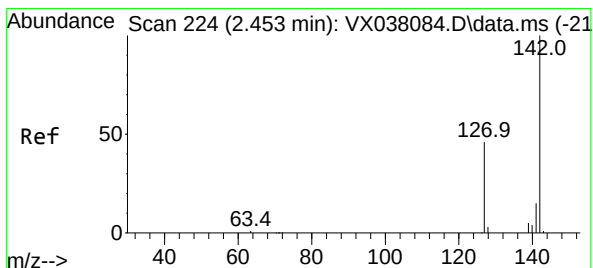
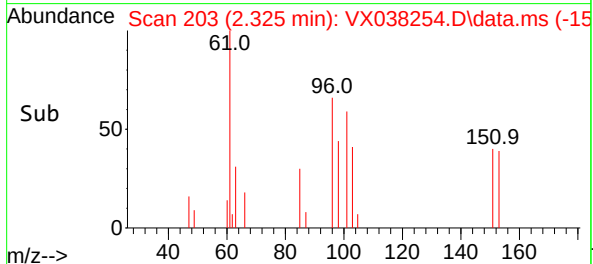
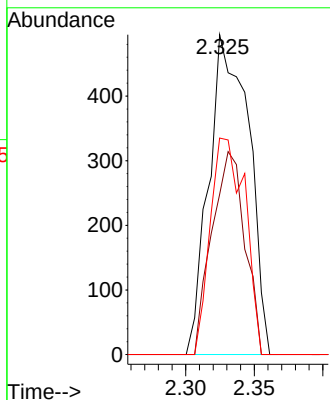
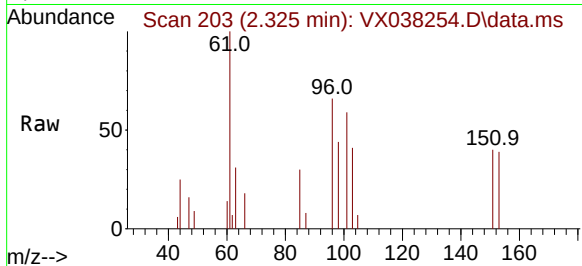
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.880 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:101 Resp: 1000
Ion Ratio Lower Upper
101 100
85 52.7 37.0 55.6
151 58.9 58.6 87.8

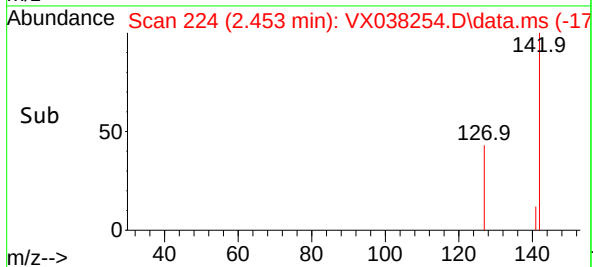
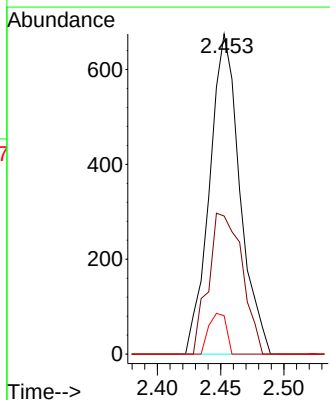
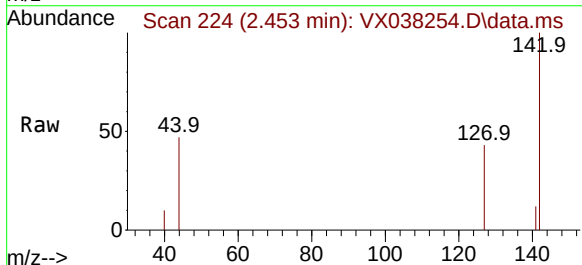
Manual Integrations
APPROVED

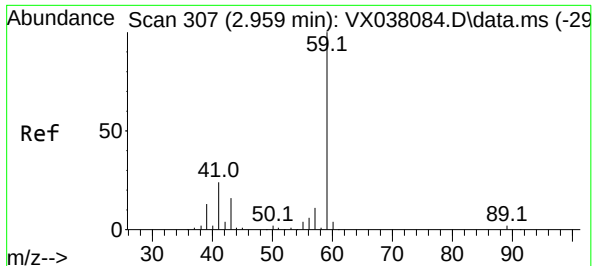
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#10
Methyl Iodide
Concen: 0.690 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion:142 Resp: 1127
Ion Ratio Lower Upper
142 100
127 48.8 41.6 62.4
141 7.4 11.6 17.4#





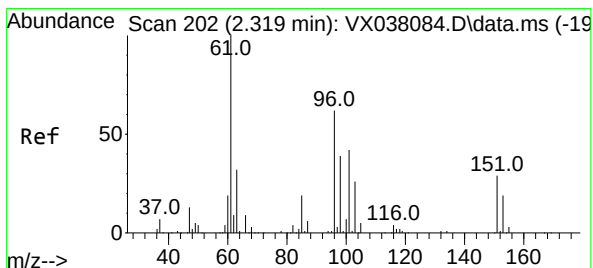
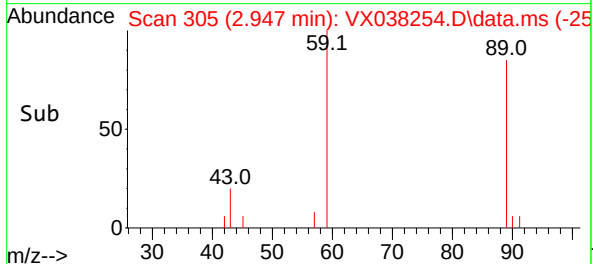
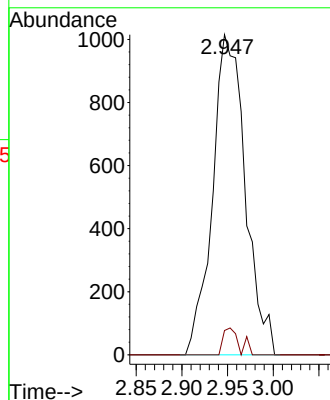
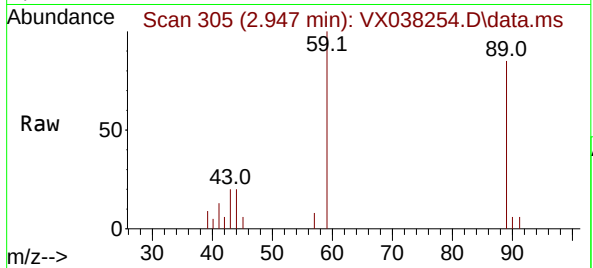
#11
Tert butyl alcohol
Concen: 5.358 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 59 Resp: 2534
Ion Ratio Lower Upper
59 100
57 4.1 6.0 9.0

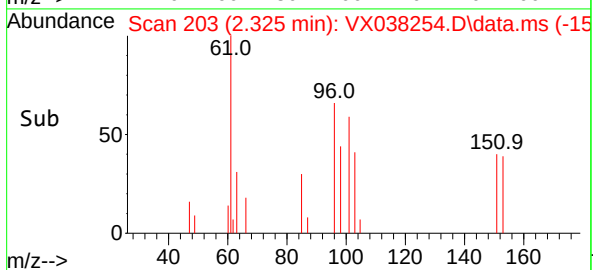
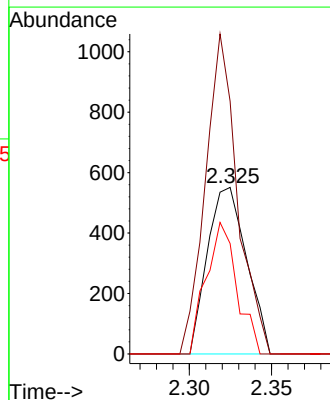
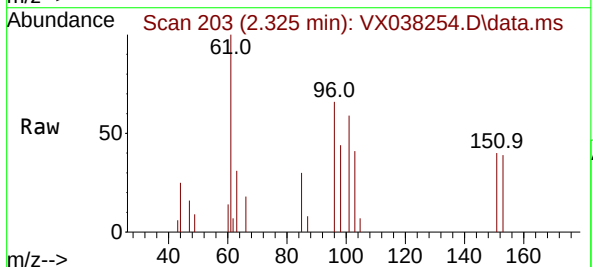
Manual Integrations
APPROVED

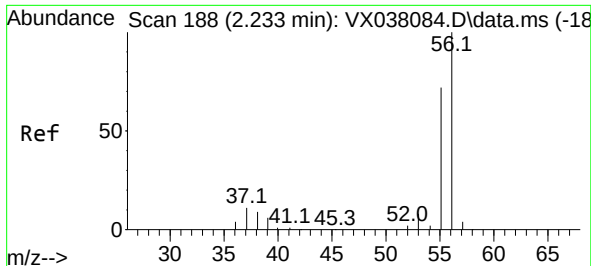
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#12
1,1-Dichloroethene
Concen: 0.825 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

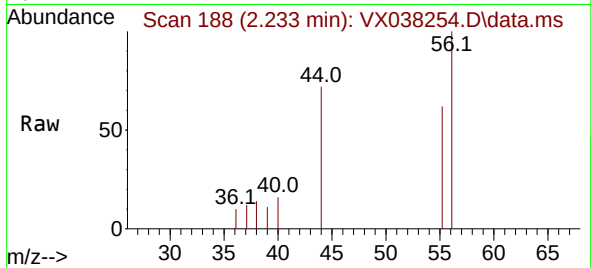
Tgt Ion: 96 Resp: 912
Ion Ratio Lower Upper
96 100
61 151.7 144.6 216.8
98 66.2 50.4 75.6





#13
Acrolein
Concen: 3.604 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

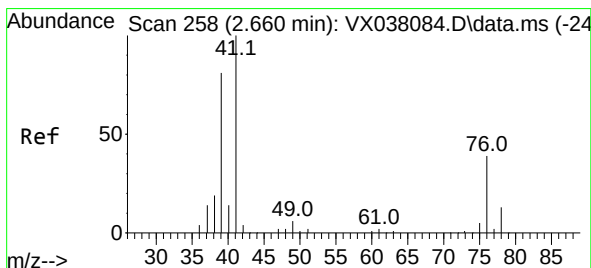
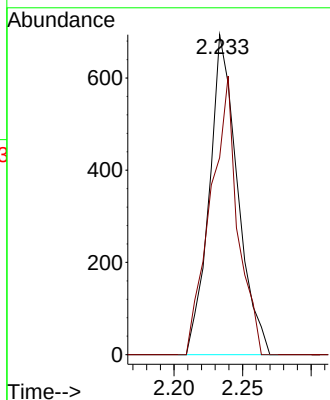
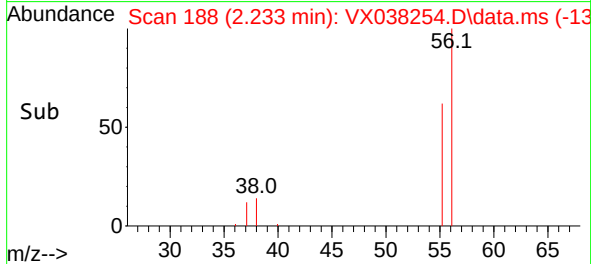
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



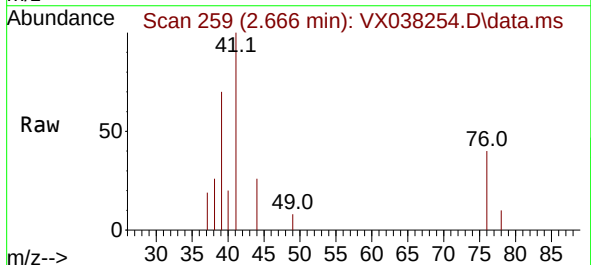
Tgt Ion: 56 Resp: 99
Ion Ratio Lower Upper
56 100
55 83.7 57.1 85.7

Manual Integrations
APPROVED

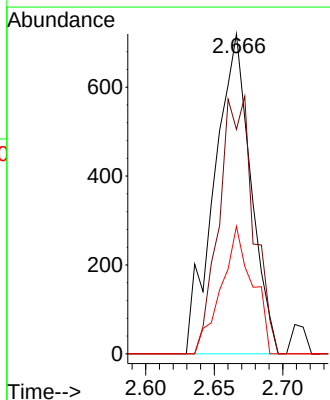
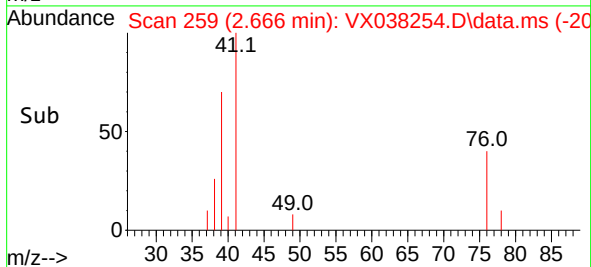
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

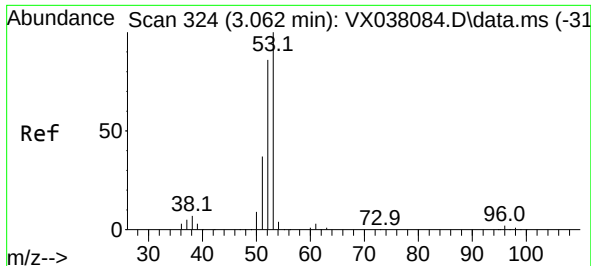


#14
Allyl chloride
Concen: 0.675 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15



Tgt Ion: 41 Resp: 1334
Ion Ratio Lower Upper
41 100
39 76.2 55.8 83.6
76 34.2 24.3 36.5





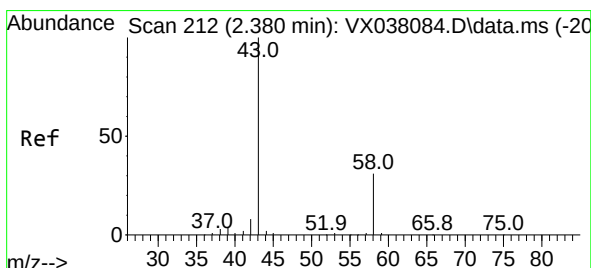
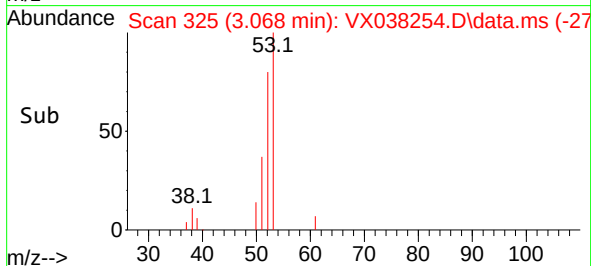
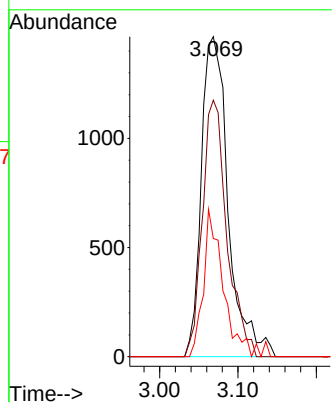
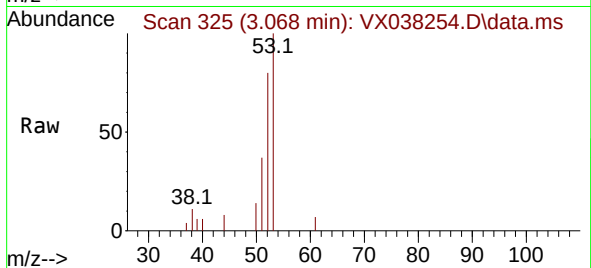
#15
Acrylonitrile
Concen: 3.951 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 53 Resp: 3492
Ion Ratio Lower Upper
53 100
52 73.3 66.0 99.0
51 33.3 29.8 44.6

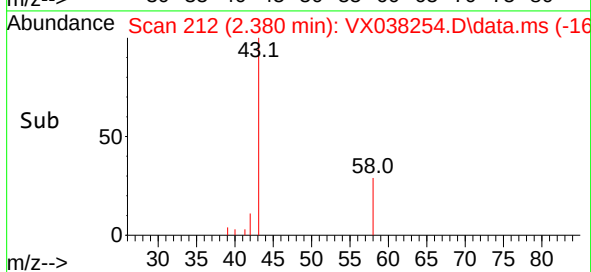
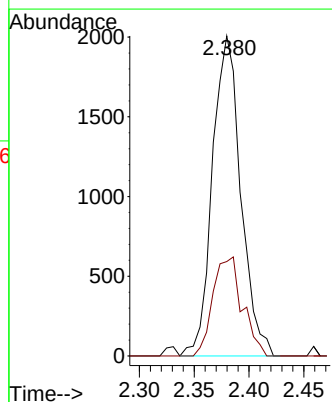
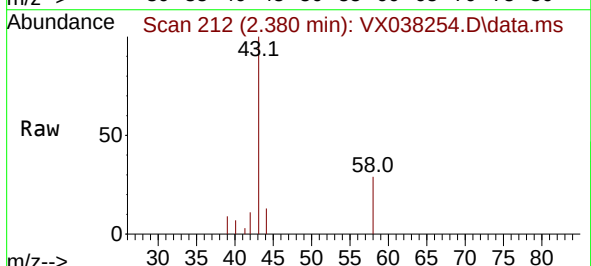
Manual Integrations
APPROVED

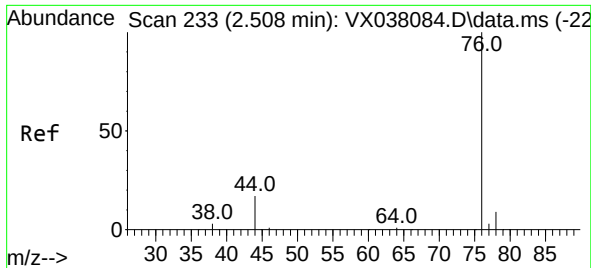
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#16
Acetone
Concen: 4.465 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

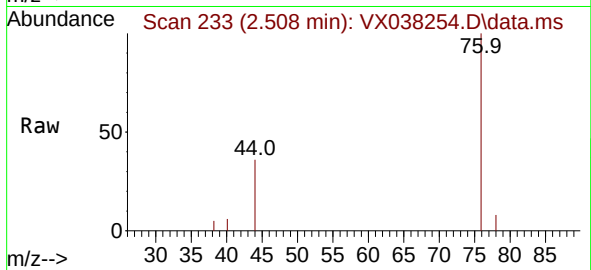
Tgt Ion: 43 Resp: 3619
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9





#17
Carbon Disulfide
Concen: 0.760 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

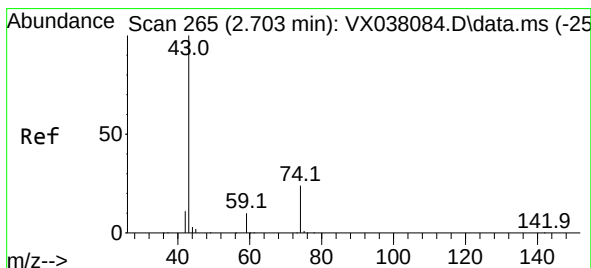
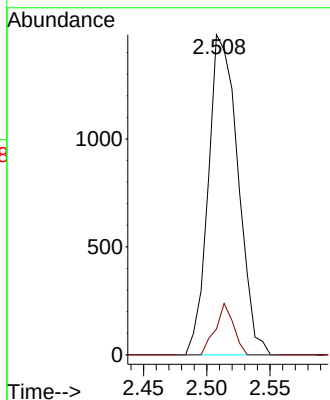
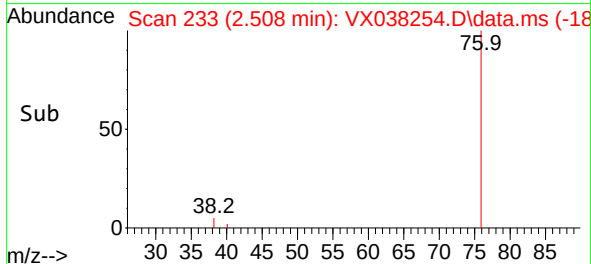
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 76 Resp: 242
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.6

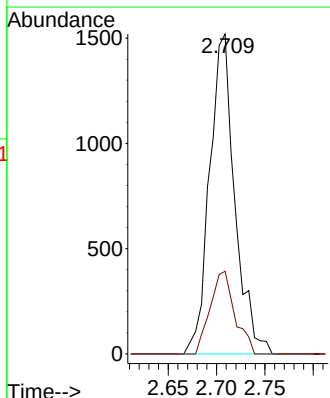
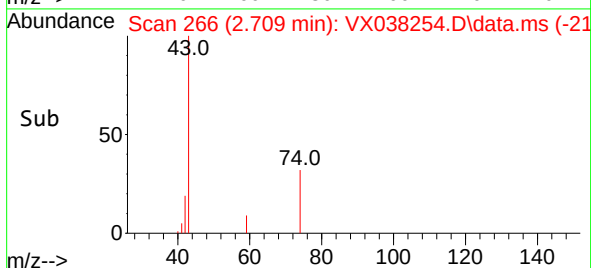
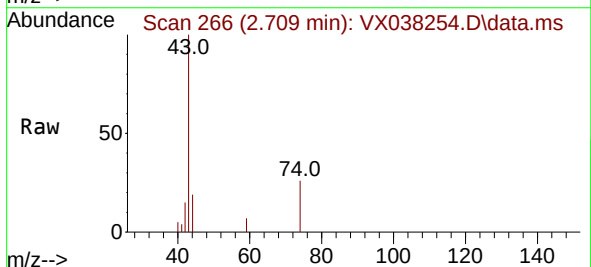
Manual Integrations
APPROVED

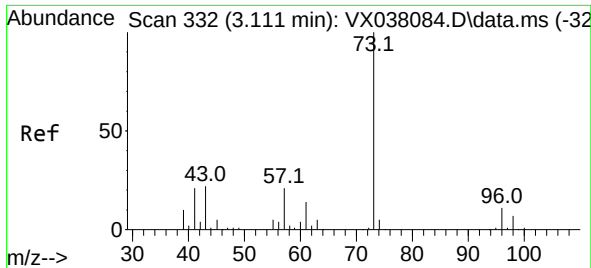
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#18
Methyl Acetate
Concen: 0.793 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion: 43 Resp: 2758
Ion Ratio Lower Upper
43 100
74 25.2 17.8 26.8





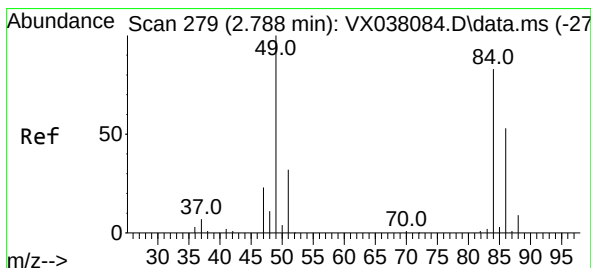
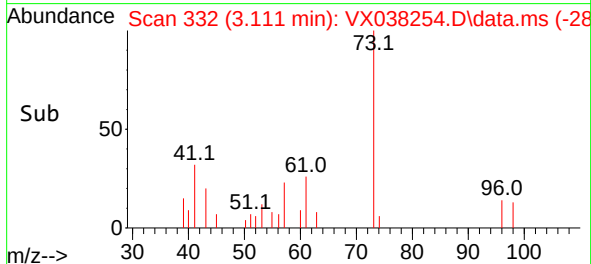
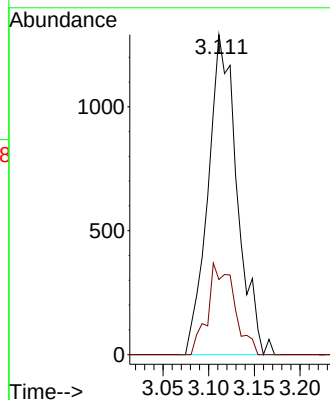
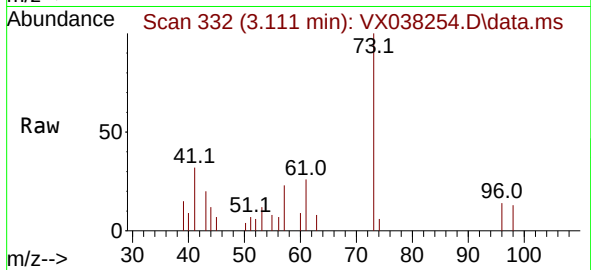
#19
Methyl tert-butyl Ether
Concen: 0.652 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 73 Resp: 2869
Ion Ratio Lower Upper
73 100
57 23.5 17.3 25.9

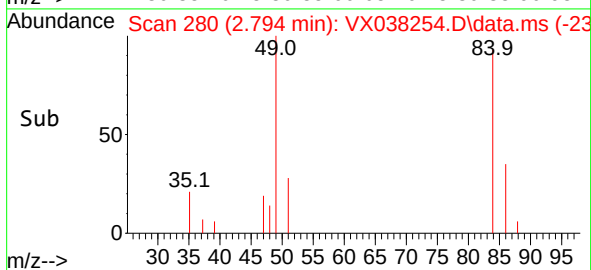
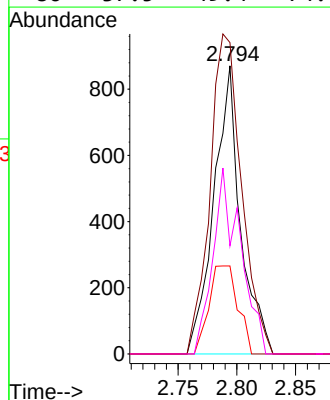
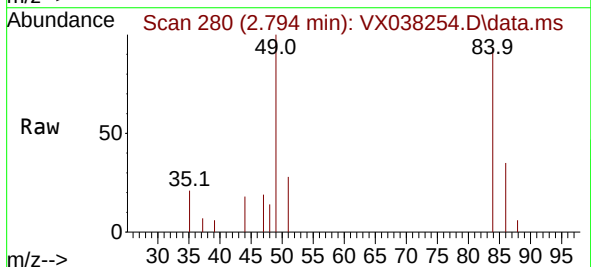
Manual Integrations
APPROVED

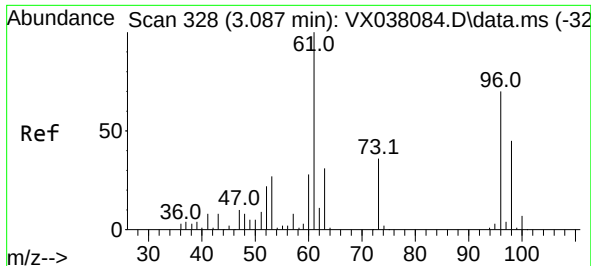
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#20
Methylene Chloride
Concen: 0.904 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

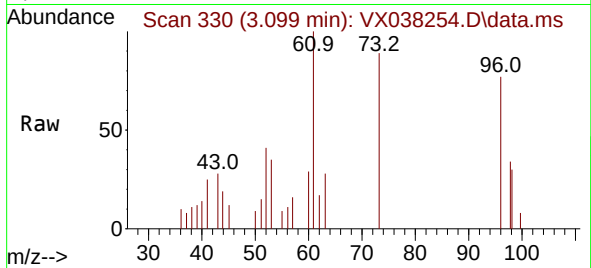
Tgt Ion: 84 Resp: 1379
Ion Ratio Lower Upper
84 100
49 108.0 103.6 155.4
51 30.5 33.8 50.6#
86 37.5 49.4 74.0#





#21
trans-1,2-Dichloroethene
Concen: 0.773 ug/l
RT: 3.099 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

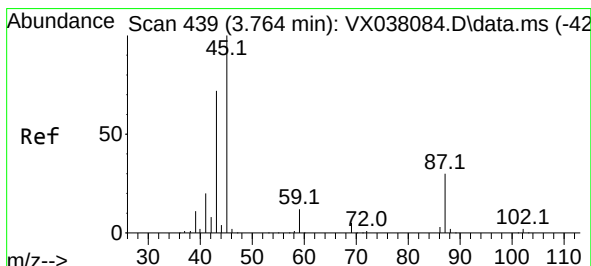
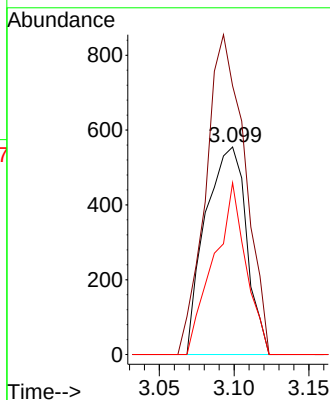
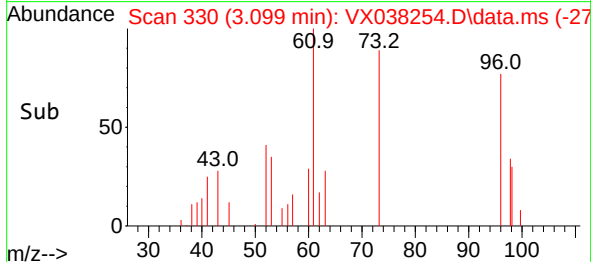
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



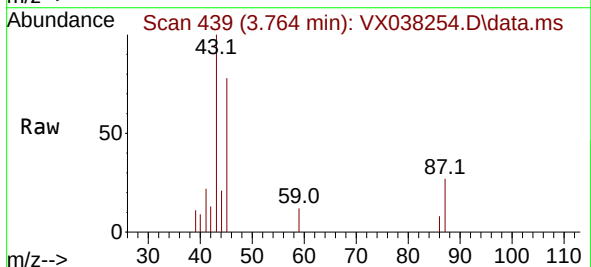
Tgt Ion: 96 Resp: 105
Ion Ratio Lower Upper
96 100
61 129.4 119.2 178.8
98 82.7 48.7 73.1

Manual Integrations
APPROVED

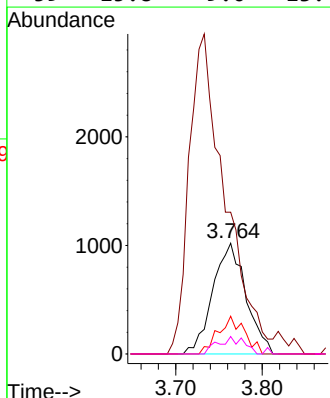
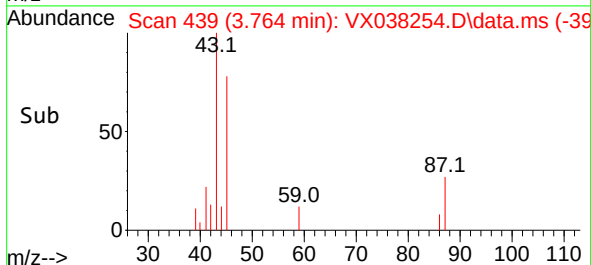
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

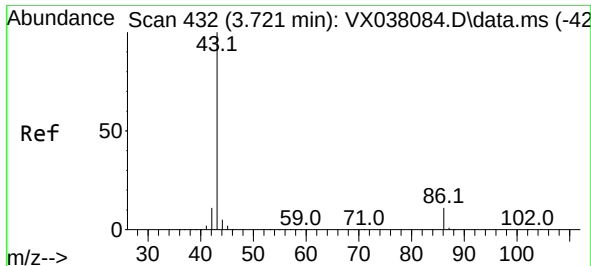


#22
Diisopropyl ether
Concen: 0.657 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15



Tgt Ion: 45 Resp: 2722
Ion Ratio Lower Upper
45 100
43 107.5 69.7 104.5#
87 34.2 20.8 31.2#
59 15.8 9.0 13.4#





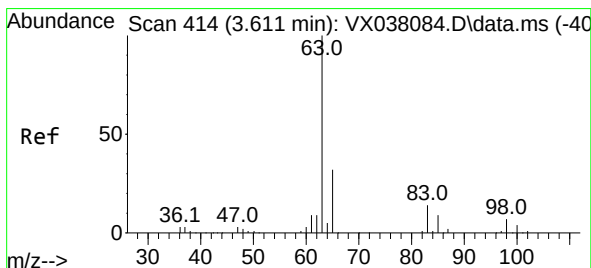
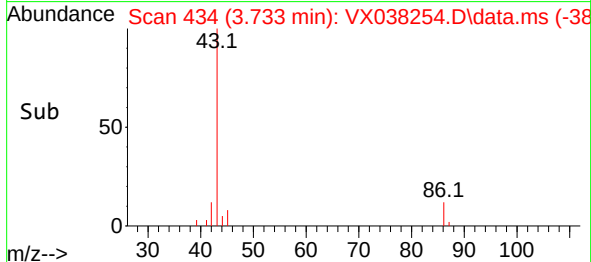
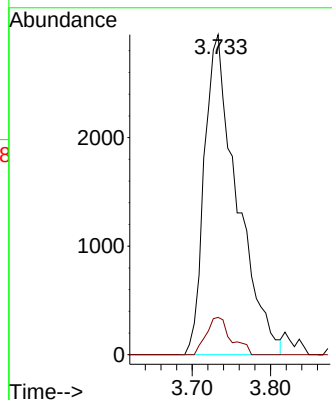
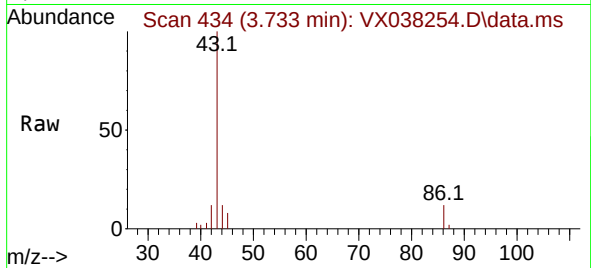
#23
 Vinyl Acetate
 Concen: 2.811 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX038254.D
 Acq: 12 Oct 2023 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 8539
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.8 11.8

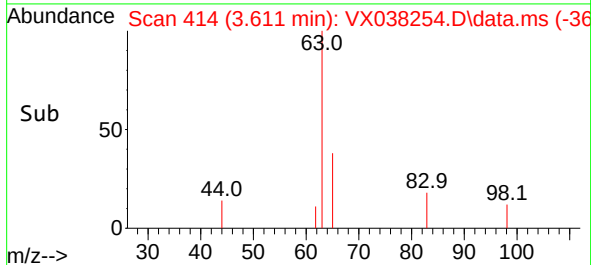
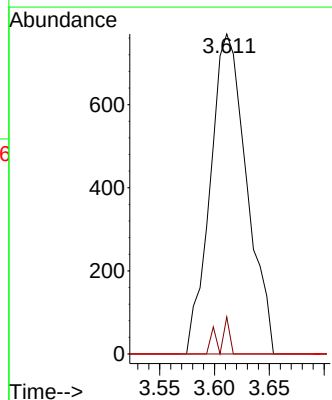
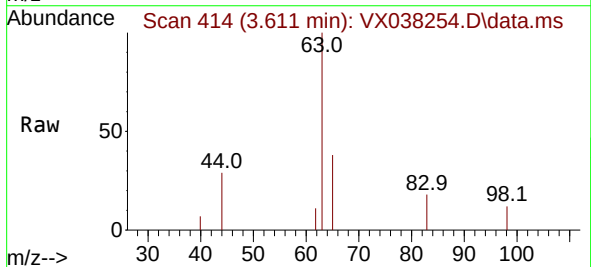
Manual Integrations
 APPROVED

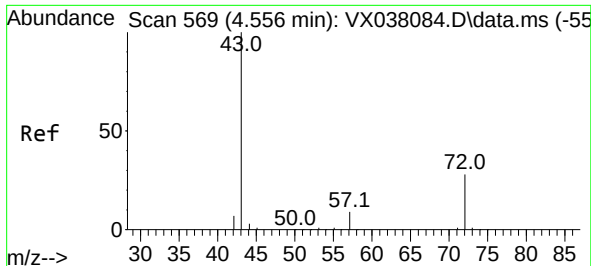
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#24
 1,1-Dichloroethane
 Concen: 0.710 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038254.D
 Acq: 12 Oct 2023 14:15

Tgt Ion: 63 Resp: 1784
 Ion Ratio Lower Upper
 63 100
 98 11.6 3.3 9.8#
 100 0.0 2.1 6.5#





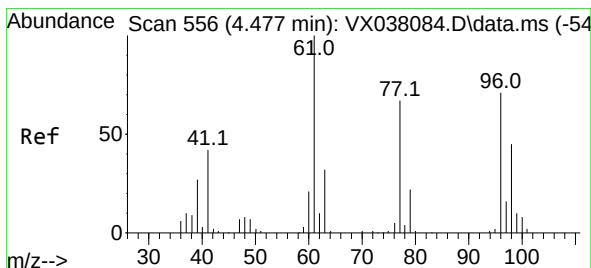
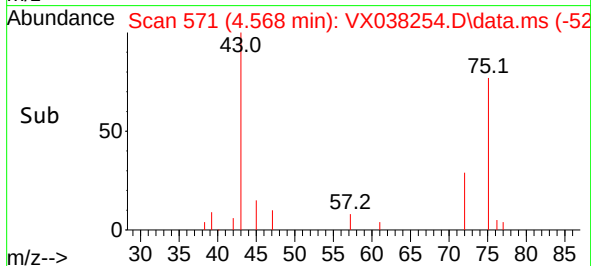
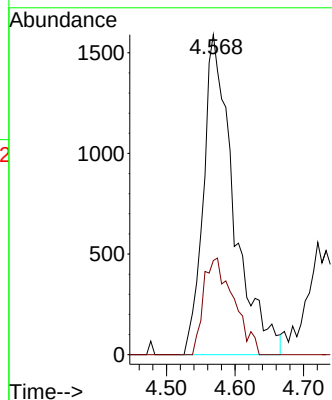
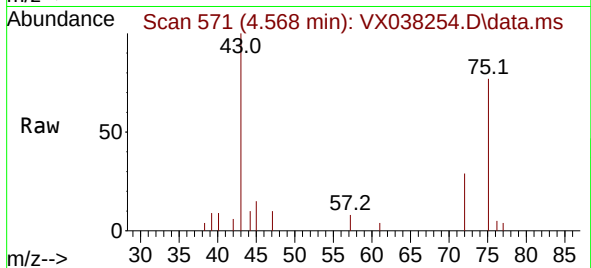
#25
2-Butanone
Concen: 3.740 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 489
Ion Ratio Lower Upper
43 100
72 29.4 19.4 29.2

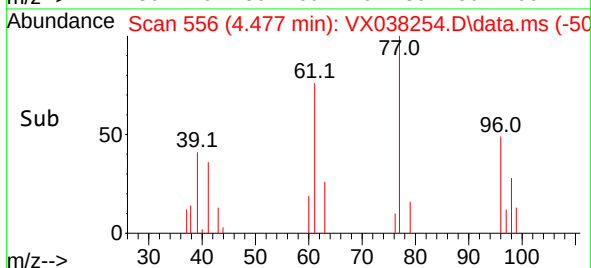
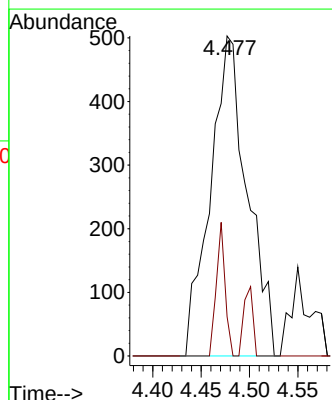
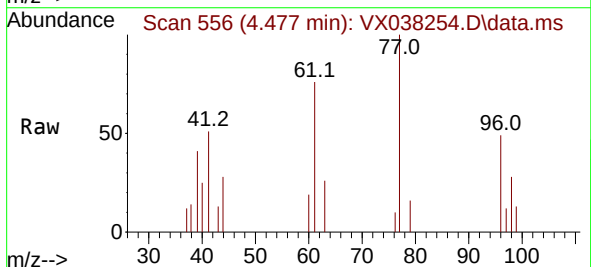
Manual Integrations
APPROVED

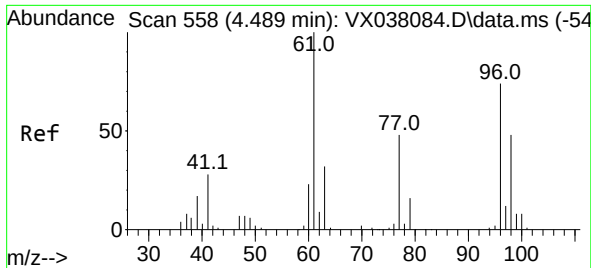
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#26
2,2-Dichloropropane
Concen: 0.683 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

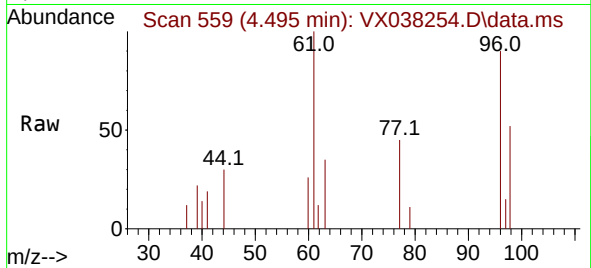
Tgt Ion: 77 Resp: 1341
Ion Ratio Lower Upper
77 100
97 9.9 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 0.795 ug/l
 RT: 4.495 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: VX038254.D
 Acq: 12 Oct 2023 14:15

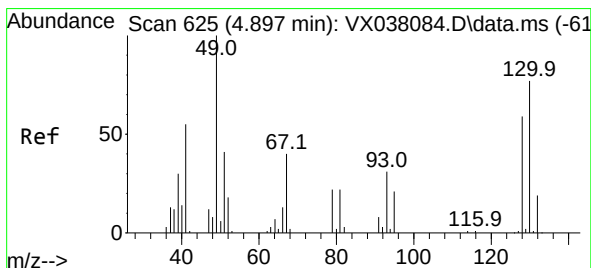
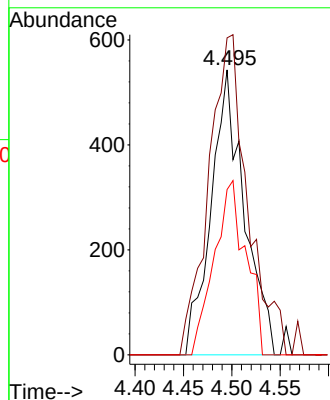
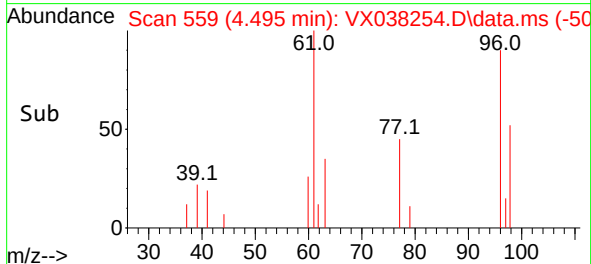
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 96 Resp: 129
 Ion Ratio Lower Upper
 96 100
 61 131.7 0.0 312.2
 98 58.6 0.0 129.0

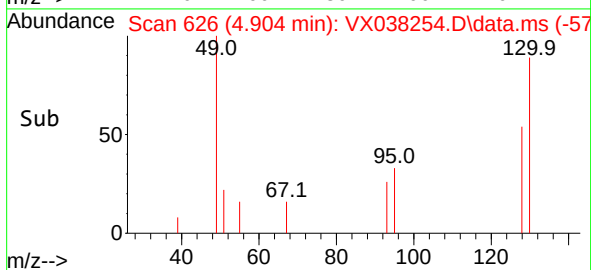
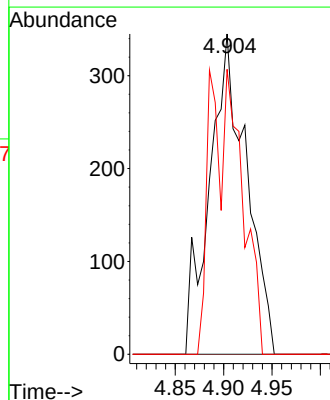
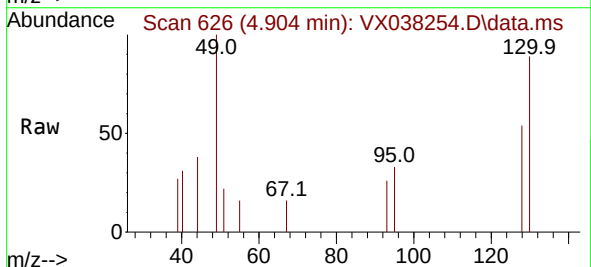
Manual Integrations
 APPROVED

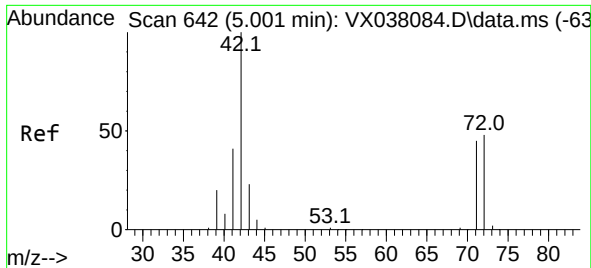
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#28
 Bromochloromethane
 Concen: 0.804 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.007 min
 Lab File: VX038254.D
 Acq: 12 Oct 2023 14:15

Tgt Ion: 49 Resp: 912
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 45.8 57.5 86.3#





#29

Tetrahydrofuran

Concen: 3.521 ug/l

RT: 5.019 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

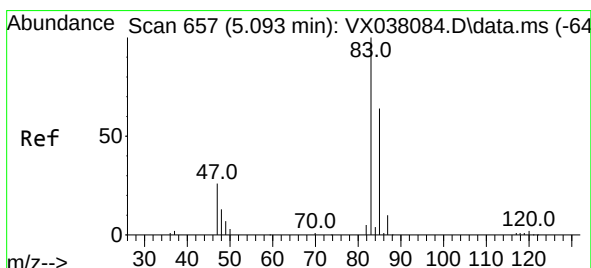
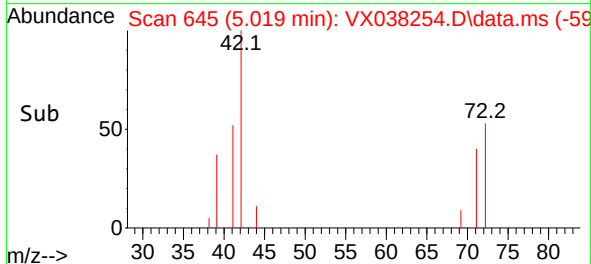
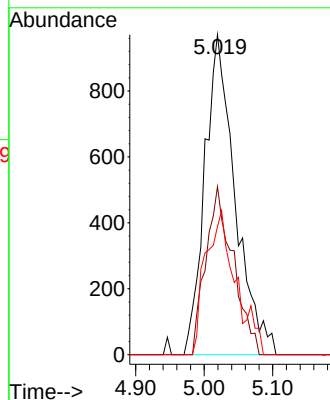
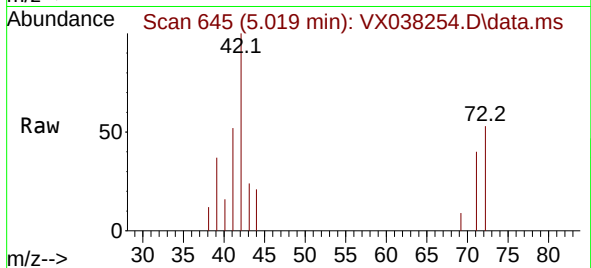
Tgt Ion:	42	Resp:	2998
Ion	Ratio	Lower	Upper
42	100		
72	47.1	34.2	51.4
71	40.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#30

Chloroform

Concen: 0.791 ug/l

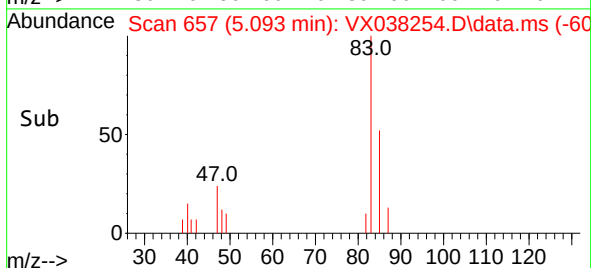
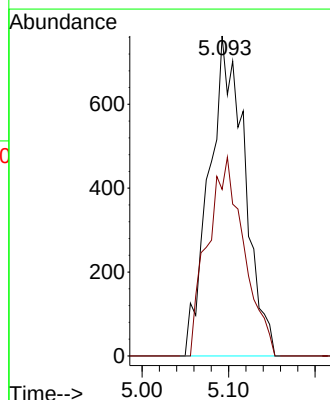
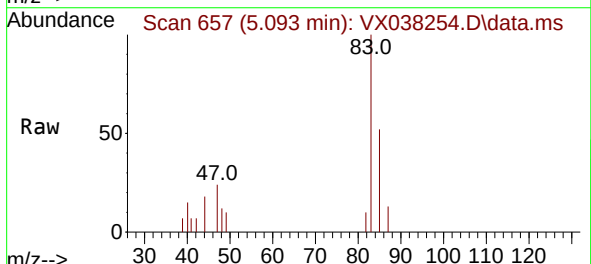
RT: 5.093 min Scan# 657

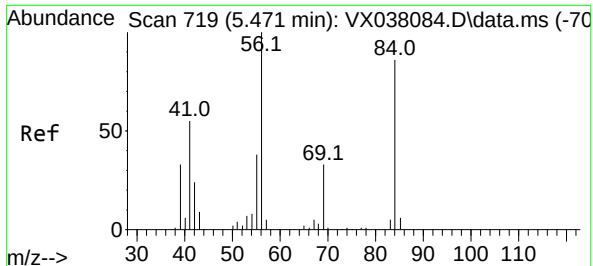
Delta R.T. -0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

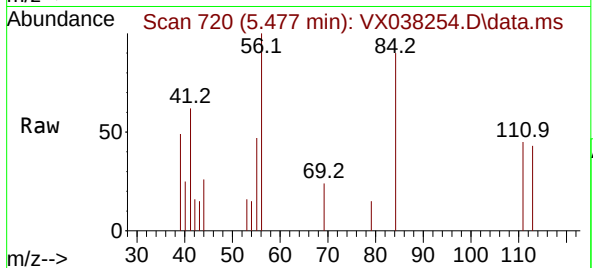
Tgt Ion:	83	Resp:	2174
Ion	Ratio	Lower	Upper
83	100		
85	52.0	50.3	75.5





#31
Cyclohexane
Concen: 0.706 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

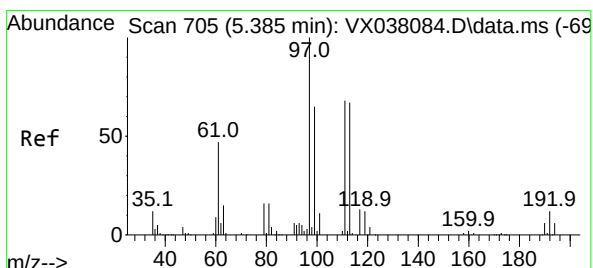
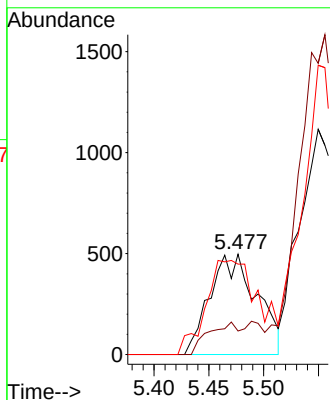
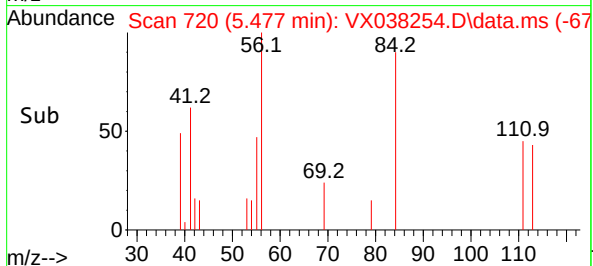
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



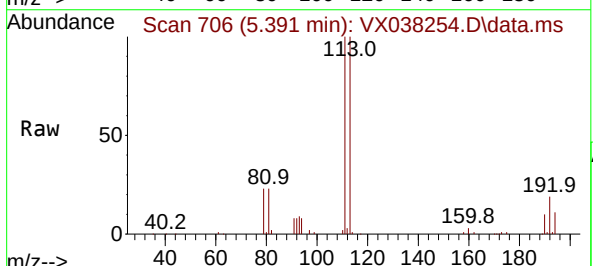
Tgt Ion: 56 Resp: 1480
Ion Ratio Lower Upper
56 100
69 23.5 23.4 35.2
84 90.1 65.9 98.9

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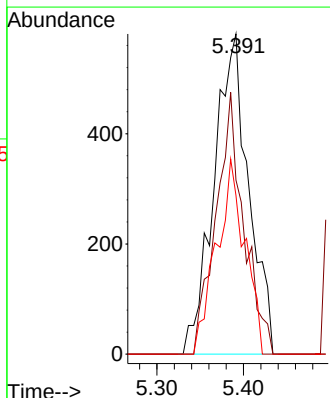
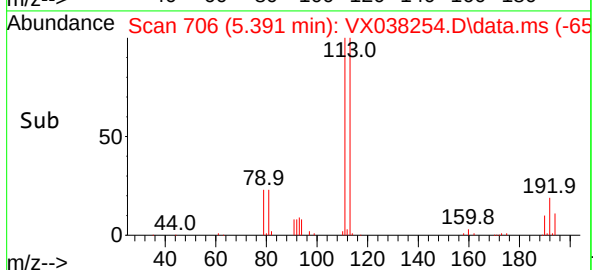
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

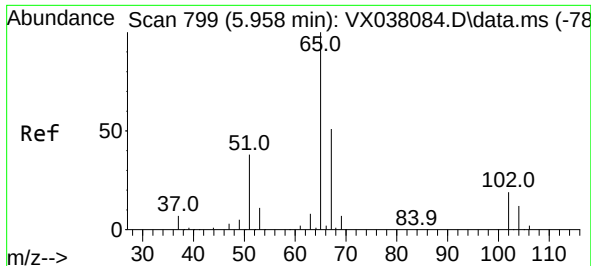


#32
1,1,1-Trichloroethane
Concen: 0.688 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15



Tgt Ion: 97 Resp: 1619
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 49.9 36.4 54.6





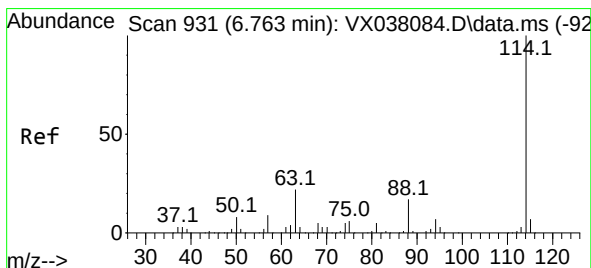
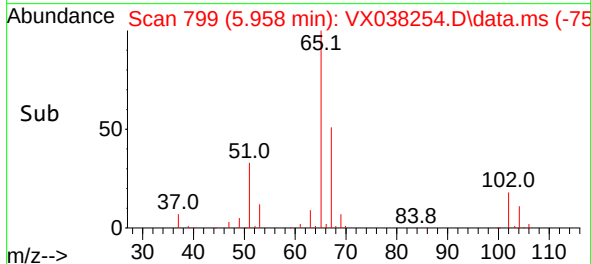
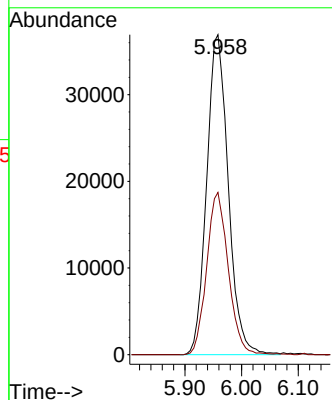
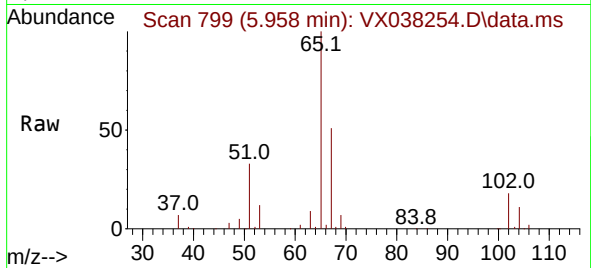
#33
 1,2-Dichloroethane-d4
 Concen: 50.266 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038254.D
 Acq: 12 Oct 2023 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 65 Resp: 9763
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.2

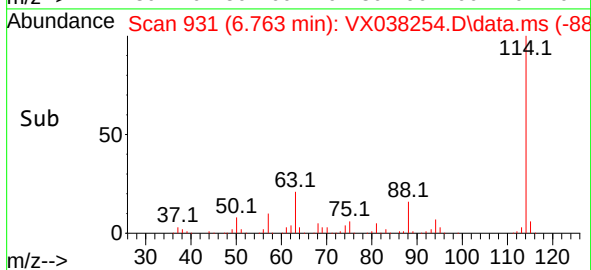
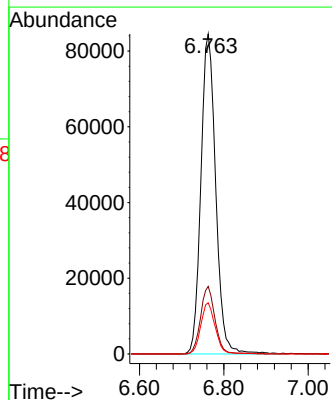
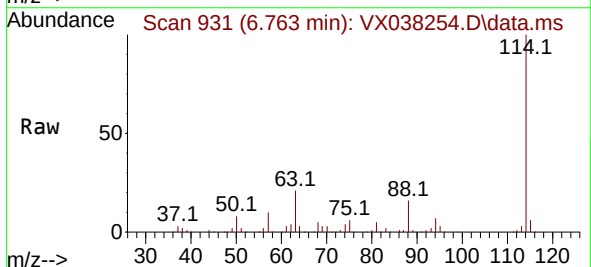
Manual Integrations
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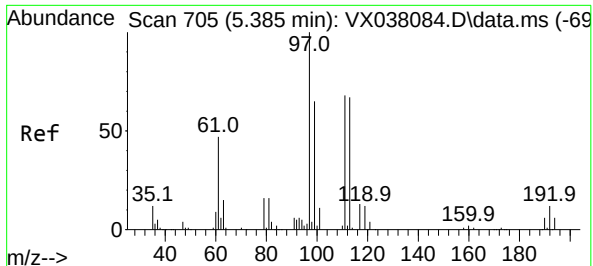
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038254.D
 Acq: 12 Oct 2023 14:15

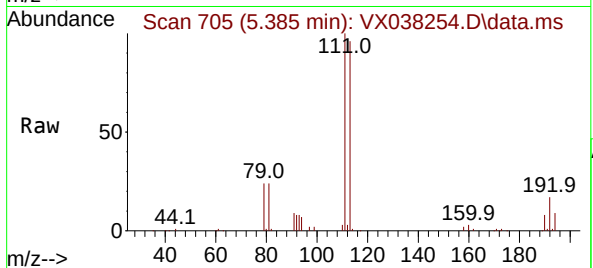
Tgt Ion:114 Resp: 206616
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.0
 88 16.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.094 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

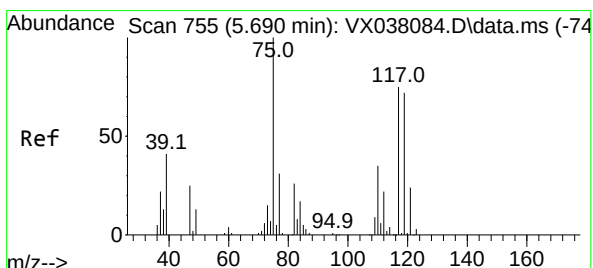
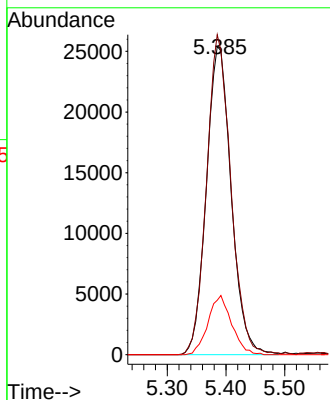
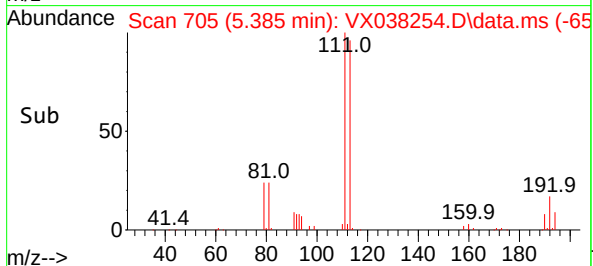
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 113 Resp: 74580
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.2 13.3 19.9

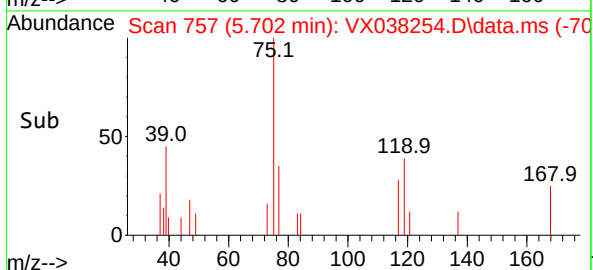
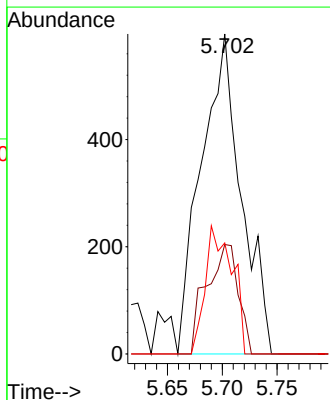
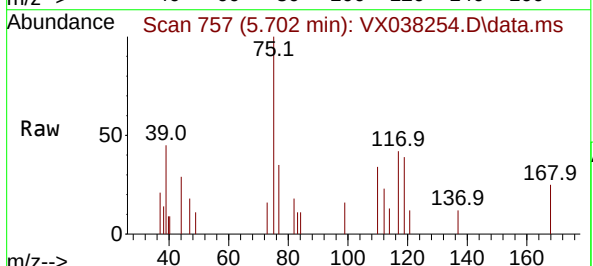
Manual Integrations
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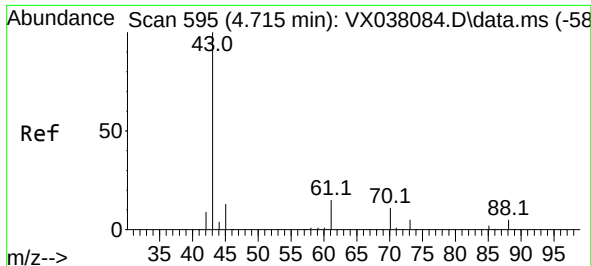
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#36
1,1-Dichloropropene
Concen: 0.738 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion: 75 Resp: 1515
Ion Ratio Lower Upper
75 100
110 27.1 17.0 50.9
77 26.9 24.7 37.1





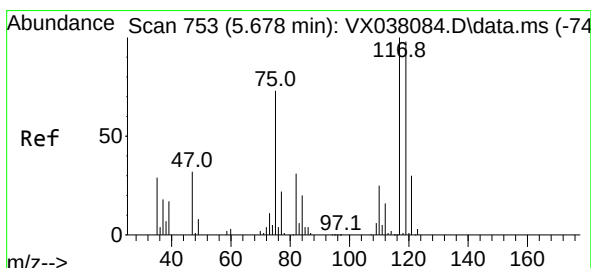
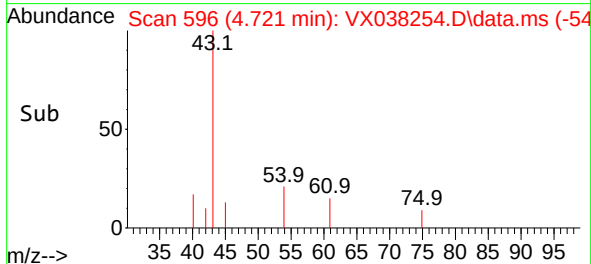
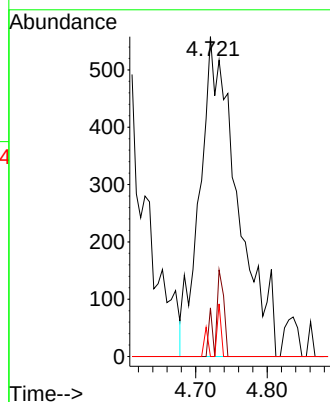
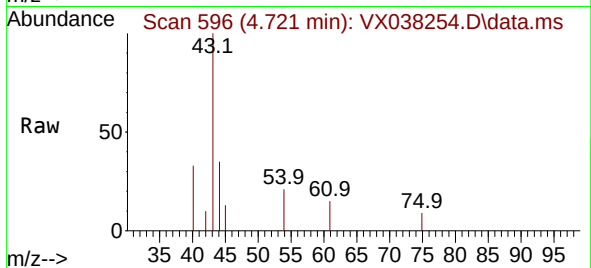
#37
Ethyl Acetate
Concen: 0.836 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 2039
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.9 8.3 12.5#

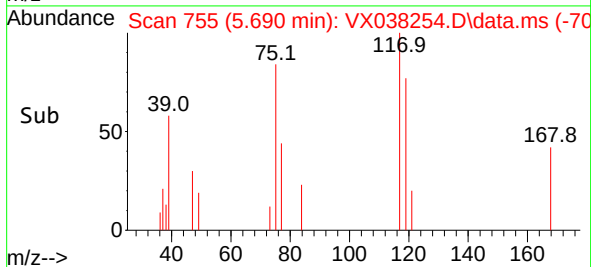
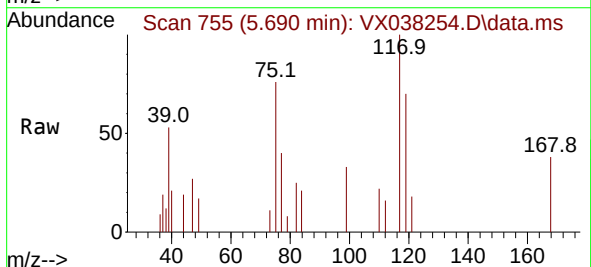
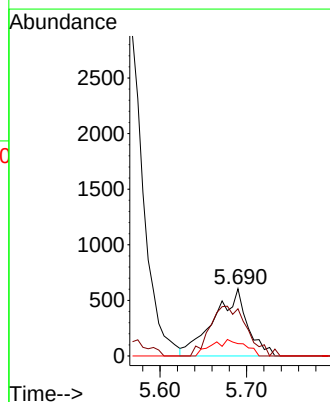
Manual Integrations
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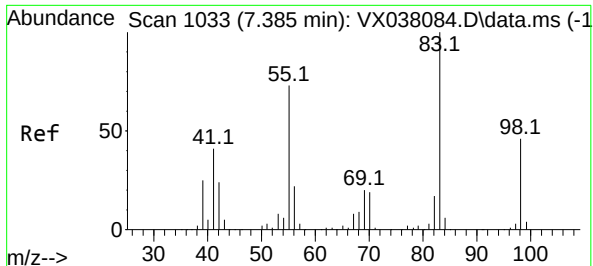
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#38
Carbon Tetrachloride
Concen: 0.809 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.012 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion:117 Resp: 1633
Ion Ratio Lower Upper
117 100
119 70.4 78.2 117.2#
121 18.4 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.770 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

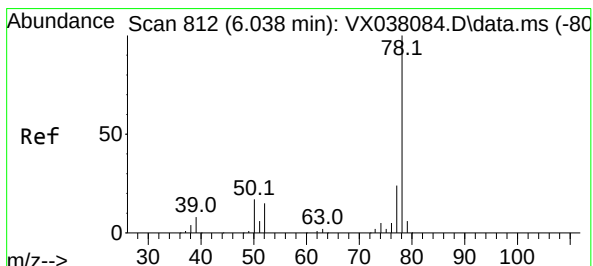
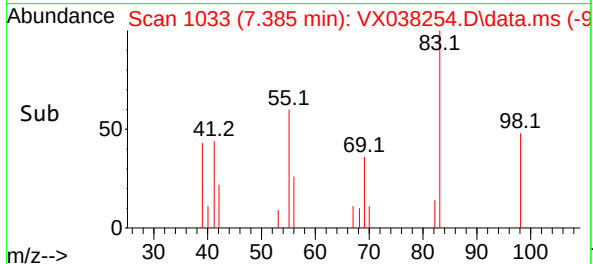
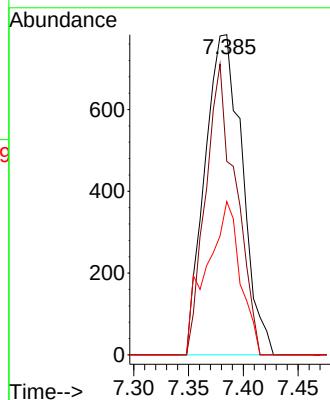
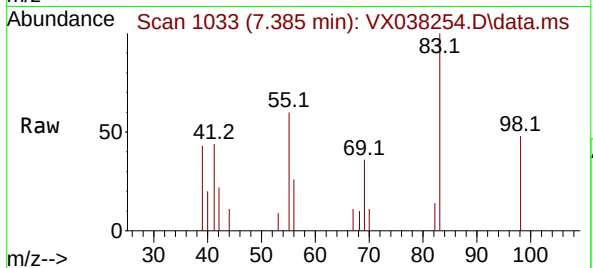
Tgt Ion: 83	Resp: 185
Ion Ratio	Lower Upper
83	100
55	60.4 64.6 97.0
98	47.9 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#40

Benzene

Concen: 0.750 ug/l

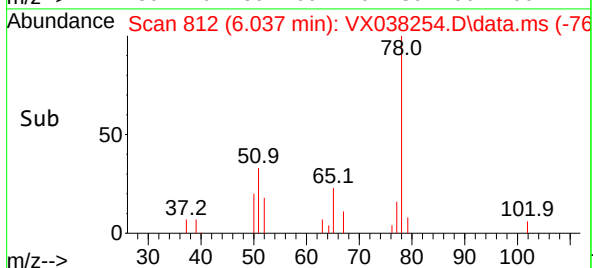
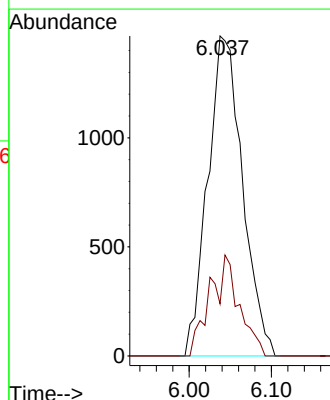
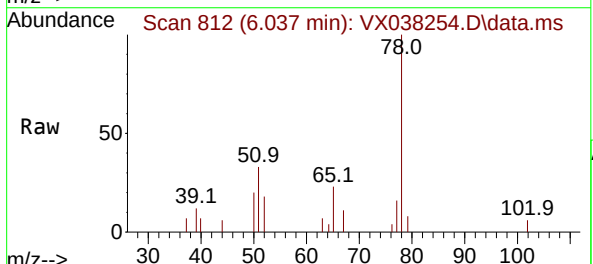
RT: 6.037 min Scan# 812

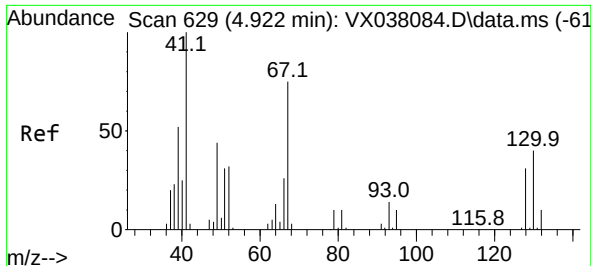
Delta R.T. -0.001 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

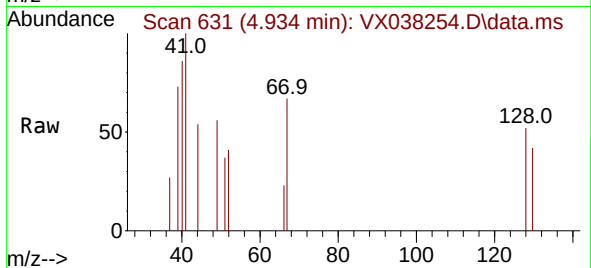
Tgt Ion: 78	Resp: 4307
Ion Ratio	Lower Upper
78	100
77	16.3 19.3 28.9





#41
Methacrylonitrile
Concen: 0.604 ug/l m
RT: 4.934 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

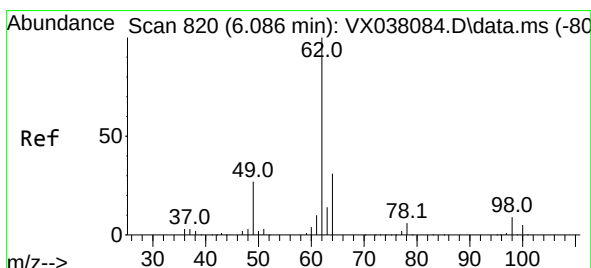
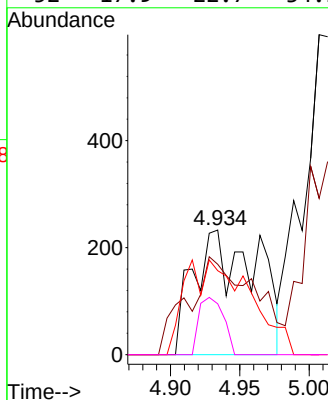
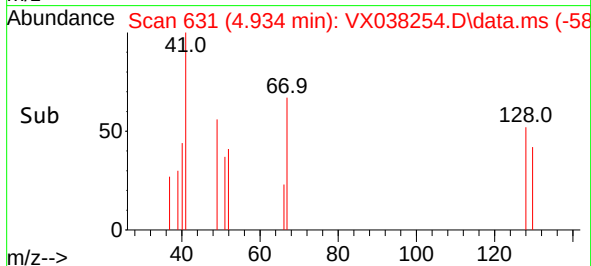
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 41 Resp: 73
Ion Ratio Lower Upper
41 100
39 84.6 45.2 67.8
67 24.0 52.6 78.8
52 17.9 22.7 34.1

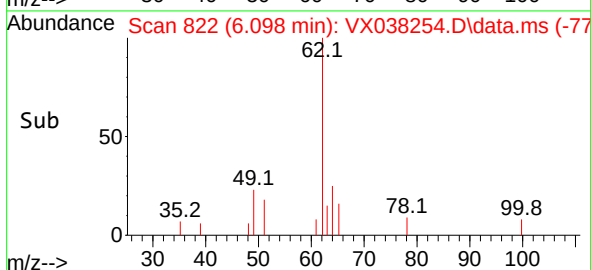
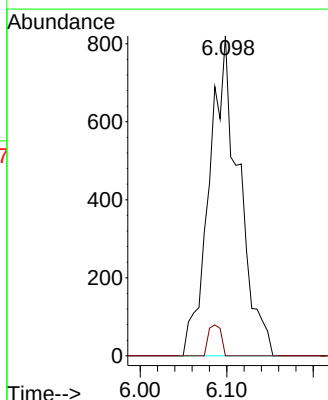
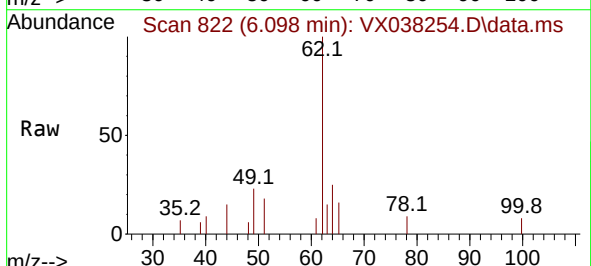
Manual Integrations
APPROVED

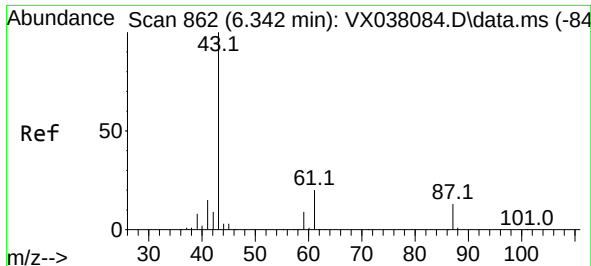
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#42
1,2-Dichloroethane
Concen: 0.853 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

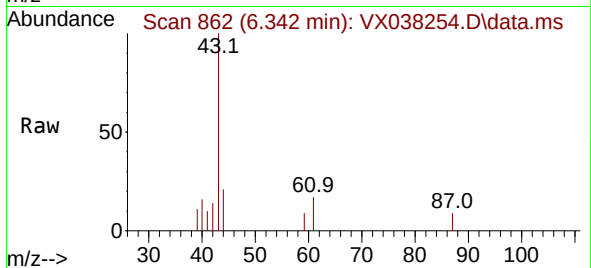
Tgt Ion: 62 Resp: 1957
Ion Ratio Lower Upper
62 100
98 4.1 0.0 16.0





#43
Isopropyl Acetate
Concen: 0.638 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

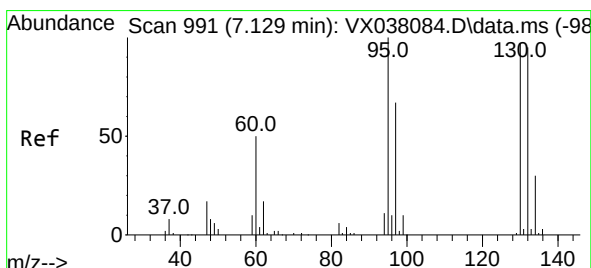
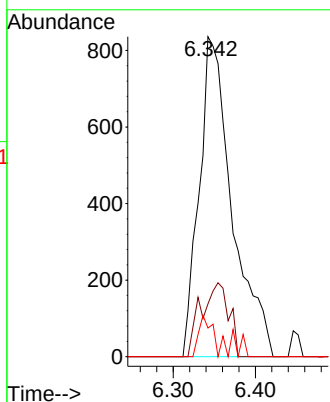
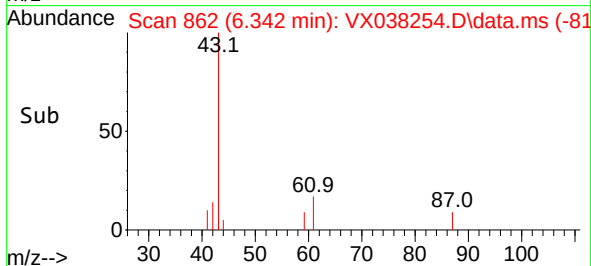
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



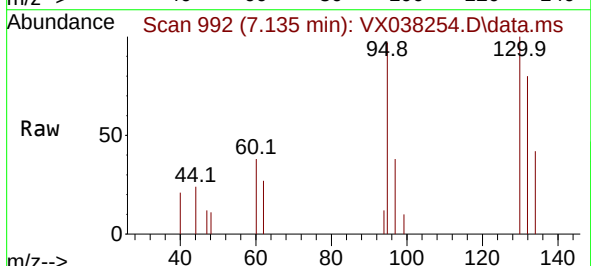
Tgt Ion: 43 Resp: 232
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8
87 5.1 9.8 14.6

Manual Integrations
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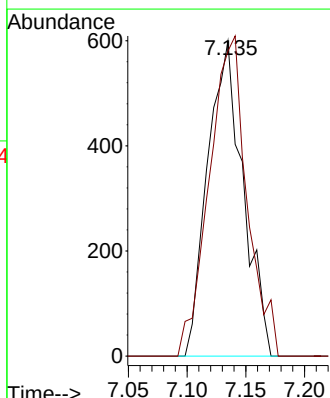
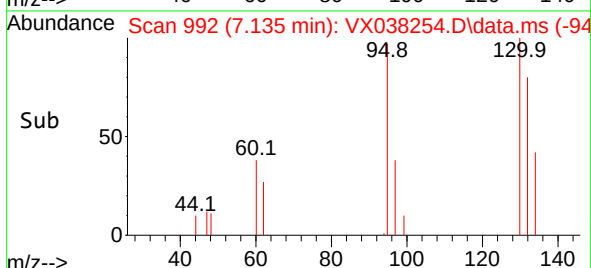
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

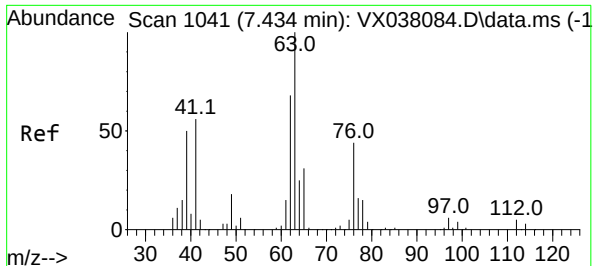


#44
Trichloroethene
Concen: 0.838 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15



Tgt Ion:130 Resp: 1259
Ion Ratio Lower Upper
130 100
95 96.8 0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.739 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 63 Resp: 1099

Ion Ratio Lower Upper

63 100

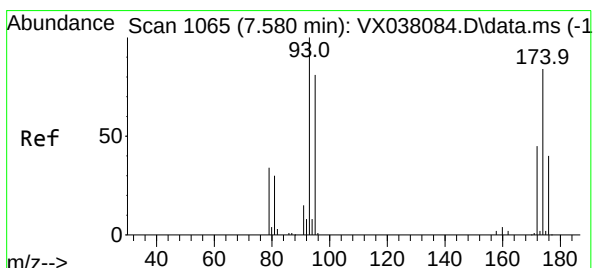
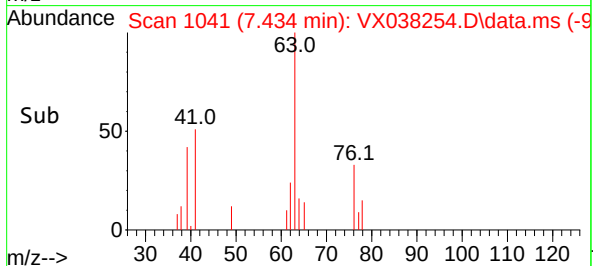
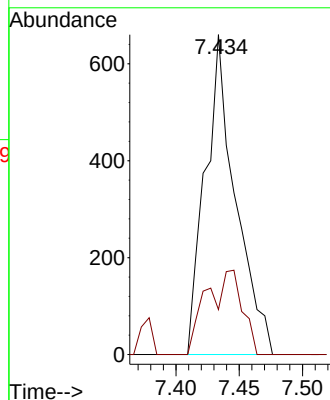
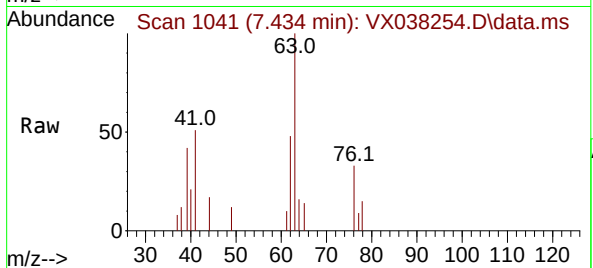
65 14.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#46

Dibromomethane

Concen: 0.788 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

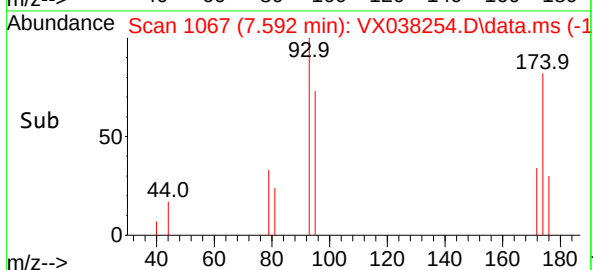
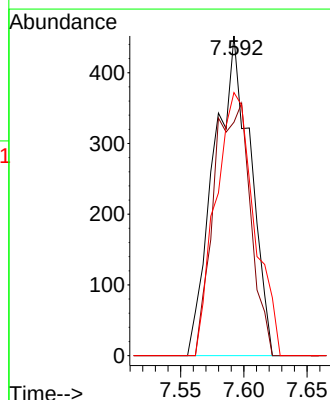
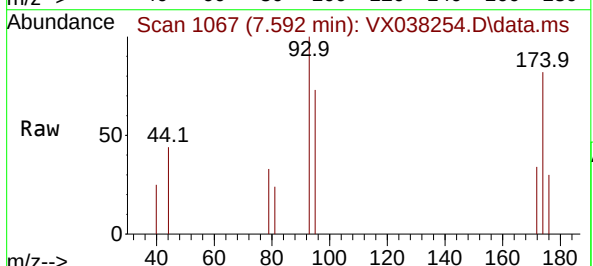
Tgt Ion: 93 Resp: 908

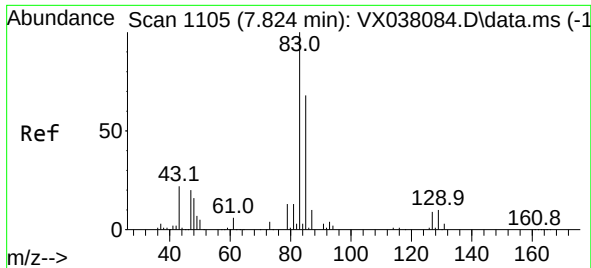
Ion Ratio Lower Upper

93 100

95 79.4 66.6 100.0

174 86.8 69.4 104.0





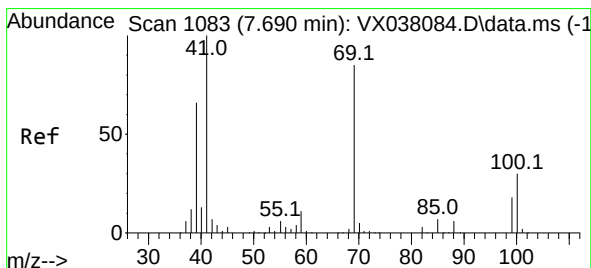
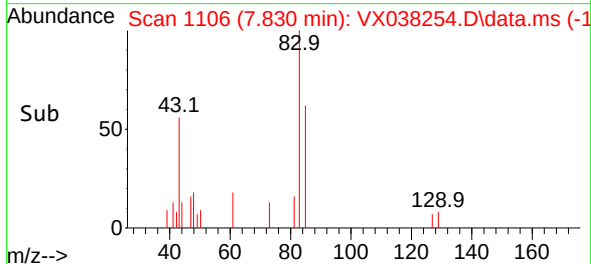
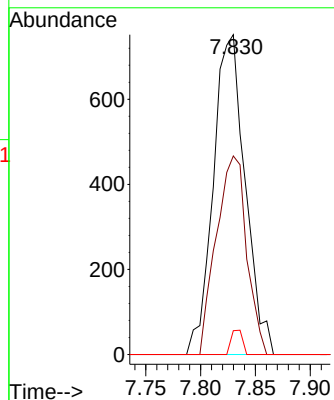
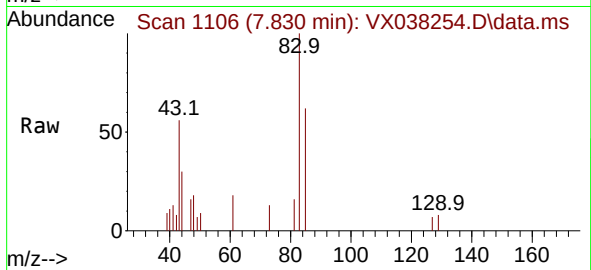
#47
Bromodichloromethane
Concen: 0.741 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 83 Resp: 1520
Ion Ratio Lower Upper
83 100
85 62.1 49.8 74.6
127 7.4 7.1 10.7

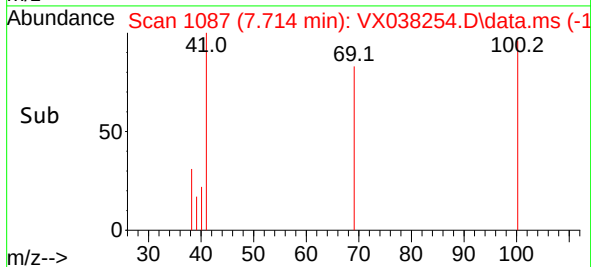
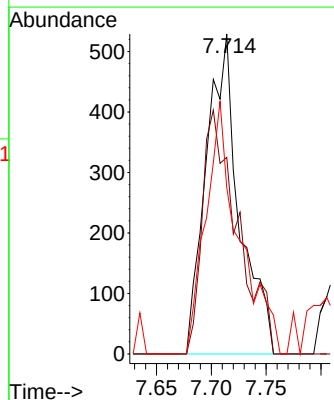
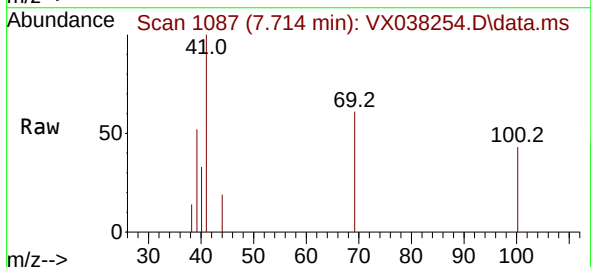
Manual Integrations
APPROVED

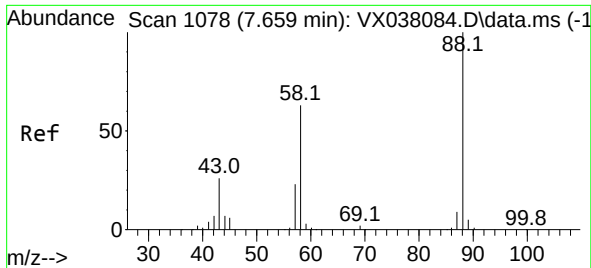
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#48
Methyl methacrylate
Concen: 0.641 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.024 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

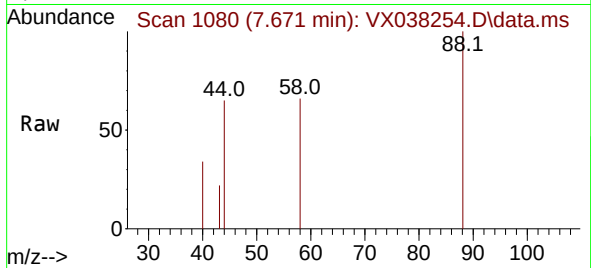
Tgt Ion: 41 Resp: 1114
Ion Ratio Lower Upper
41 100
69 81.1 59.2 88.8
39 78.9 47.7 71.5





#49
1,4-Dioxane
Concen: 13.732 ug/l
RT: 7.671 min Scan# 1078
Delta R.T. 0.012 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

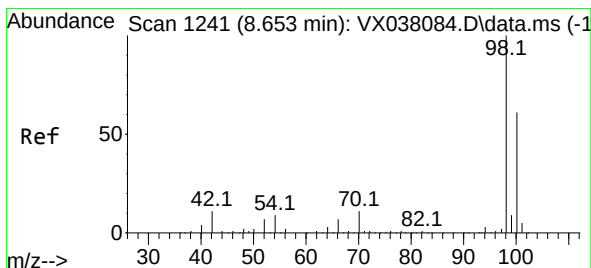
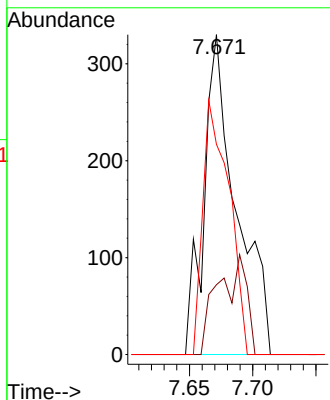
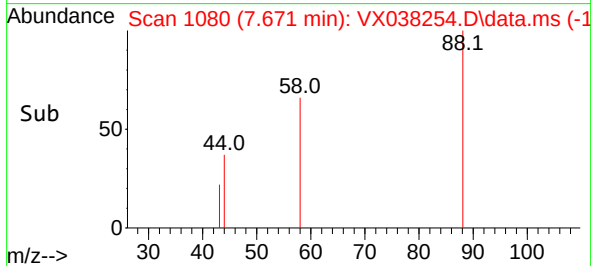
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 88 Resp: 588
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 64.5 60.1 90.1

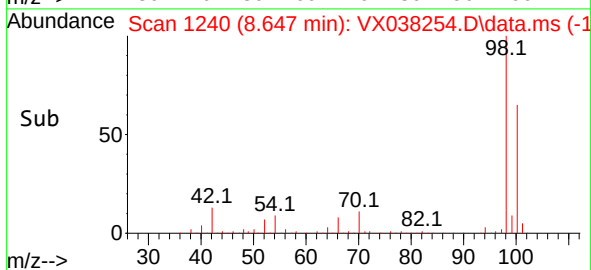
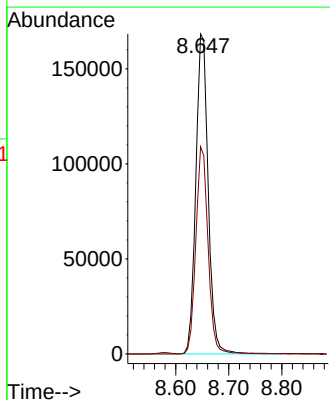
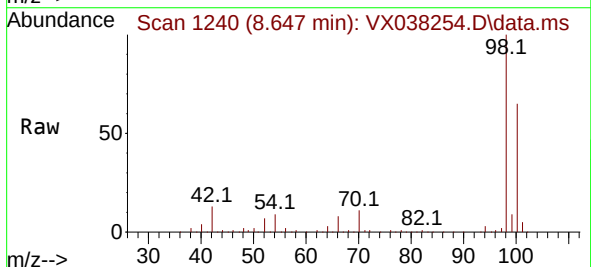
Manual Integrations
APPROVED

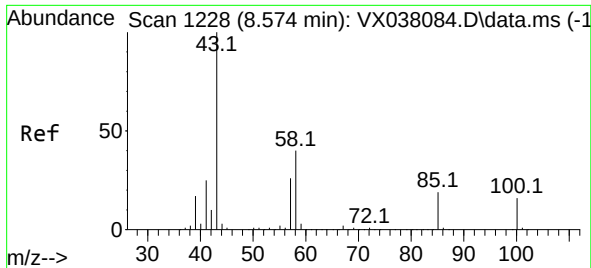
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#50
Toluene-d8
Concen: 48.000 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

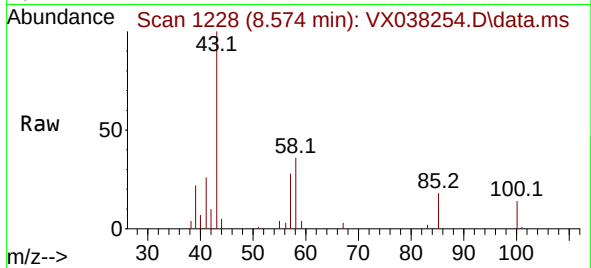
Tgt Ion: 98 Resp: 273074
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 3.103 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

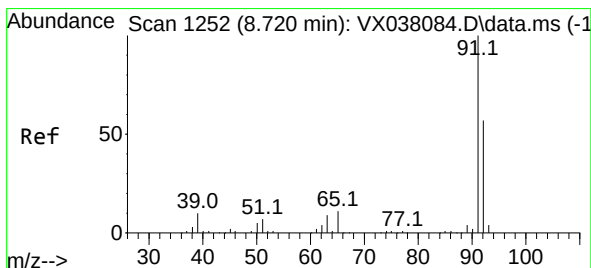
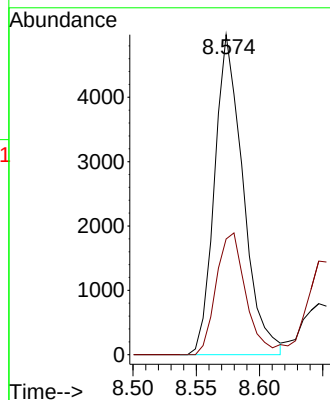
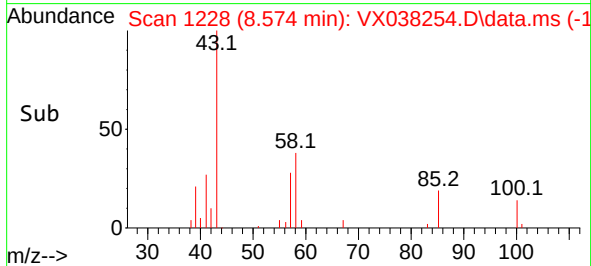
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6

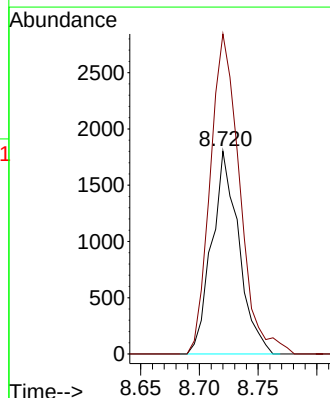
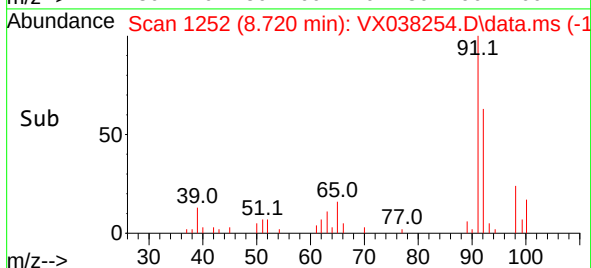
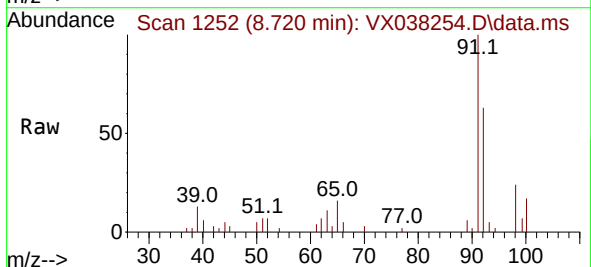
Manual Integrations
APPROVED

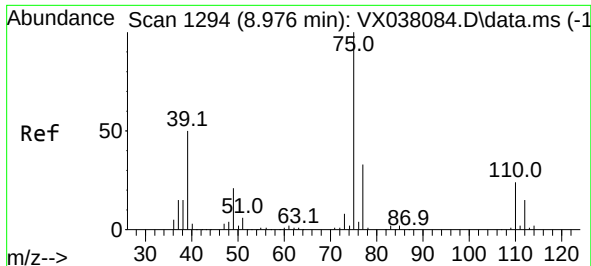
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#52
Toluene
Concen: 0.773 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion: 92 Resp: 2893
Ion Ratio Lower Upper
92 100
91 171.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.532 ug/l

RT: 8.988 min Scan# 1172

Delta R.T. 0.012 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 75 Resp: 1172

Ion Ratio Lower Upper

75 100

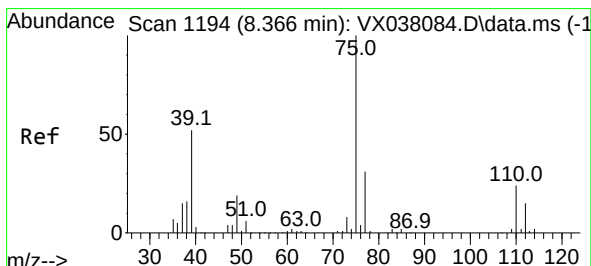
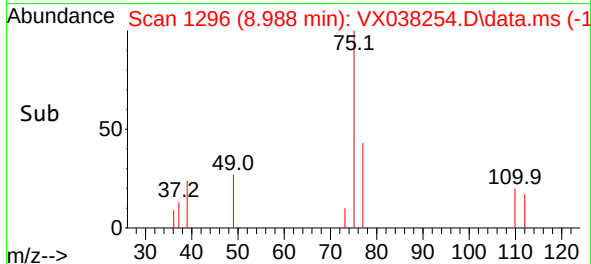
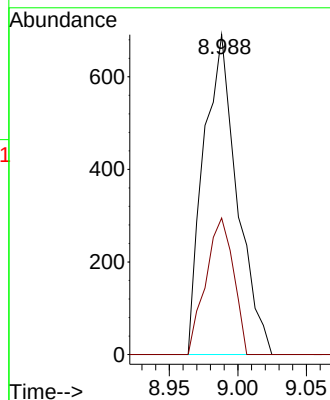
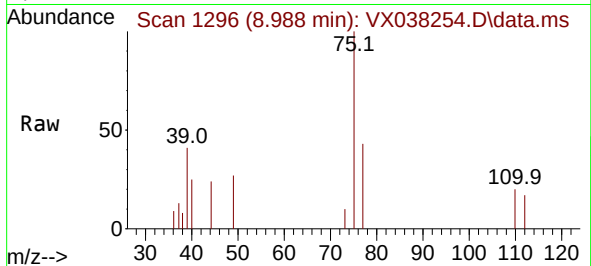
77 42.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#54

cis-1,3-Dichloropropene

Concen: 0.630 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

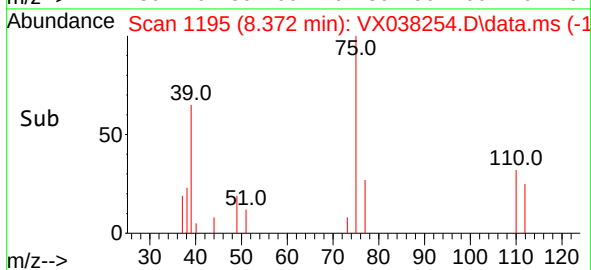
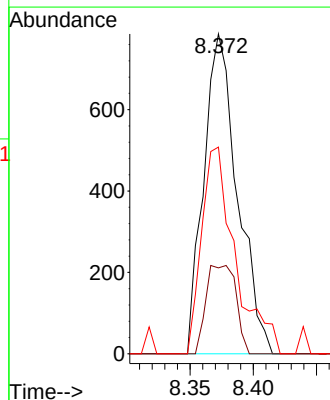
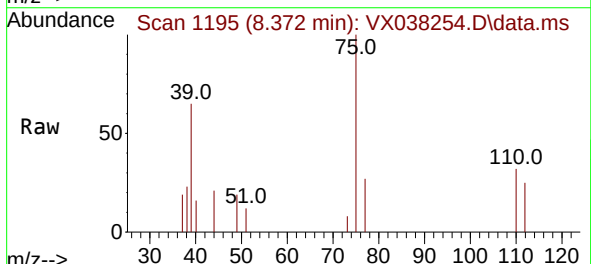
Tgt Ion: 75 Resp: 1458

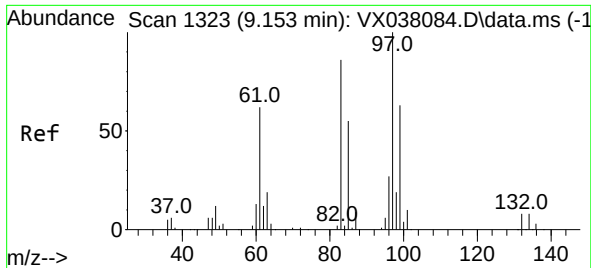
Ion Ratio Lower Upper

75 100

77 26.8 25.3 37.9

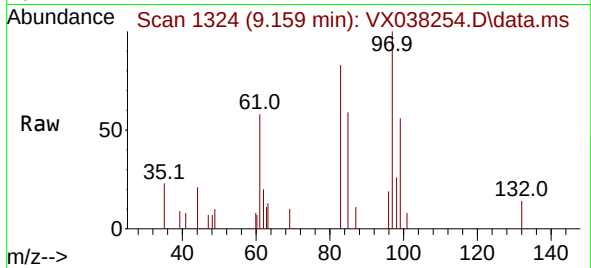
39 64.6 46.7 70.1





#55
 1,1,2-Trichloroethane
 Concen: 0.695 ug/l
 RT: 9.159 min Scan# 111
 Delta R.T. 0.006 min
 Lab File: VX038254.D
 Acq: 12 Oct 2023 14:15

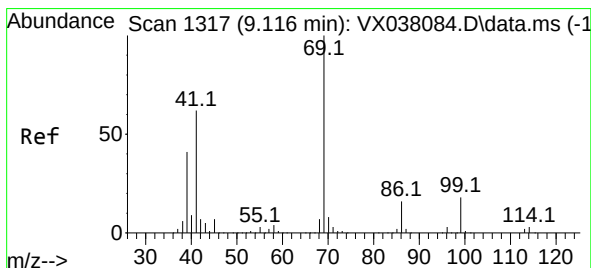
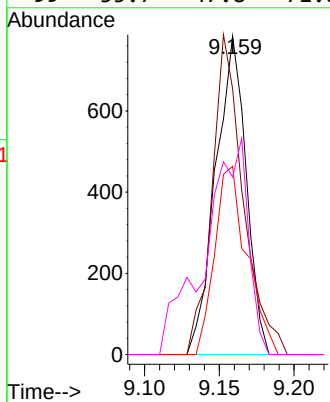
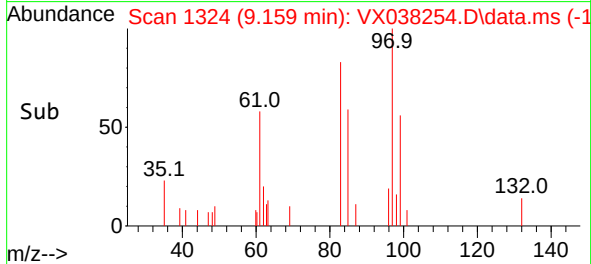
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023



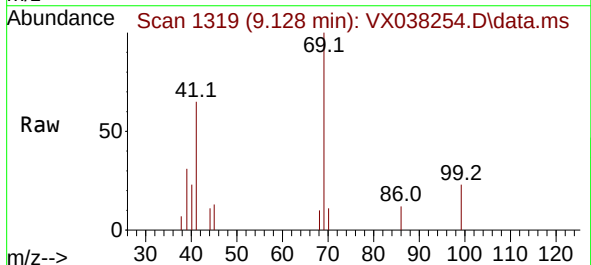
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.4	65.8	98.8
85	59.1	41.6	62.4
99	55.7	47.8	71.8

Manual Integrations
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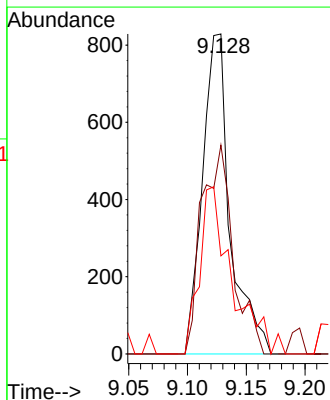
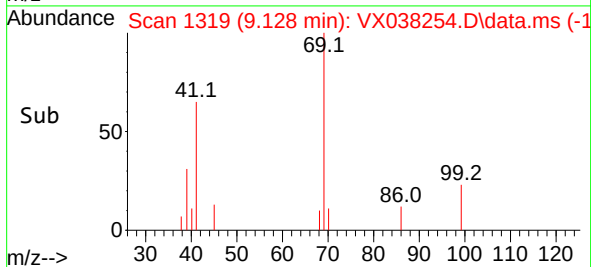
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023

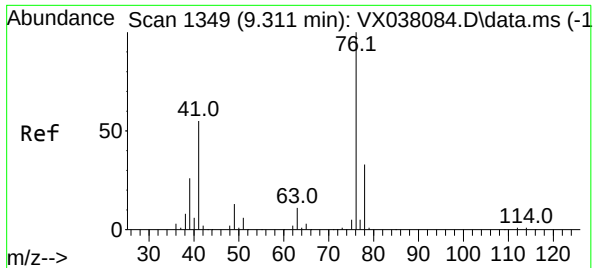


#56
 Ethyl methacrylate
 Concen: 0.554 ug/l
 RT: 9.128 min Scan# 1319
 Delta R.T. 0.012 min
 Lab File: VX038254.D
 Acq: 12 Oct 2023 14:15



Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.2	56.8	85.2
39	61.3	32.0	48.0





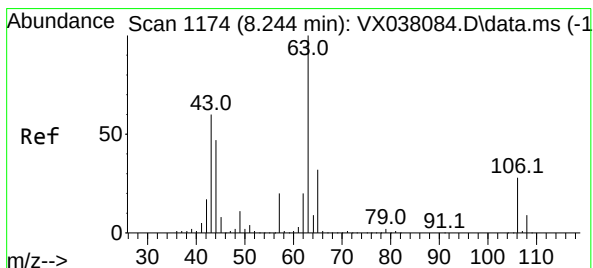
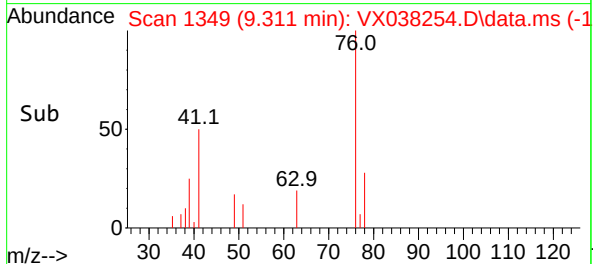
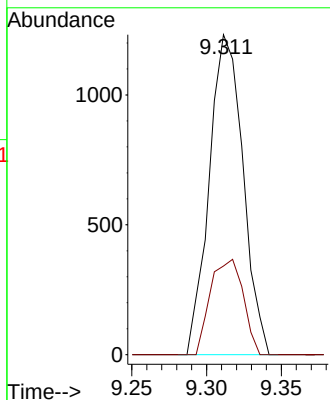
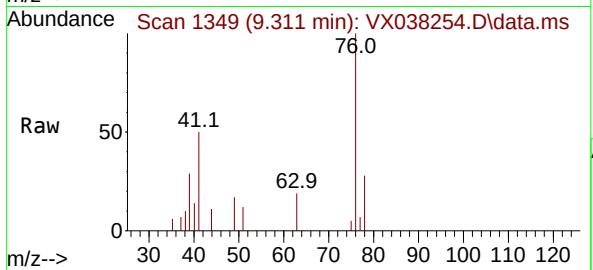
#57
1,3-Dichloropropane
Concen: 0.747 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 76 Resp: 193
Ion Ratio Lower Upper
76 100
78 28.9 26.1 39.1

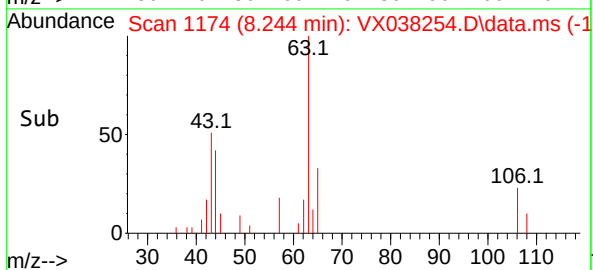
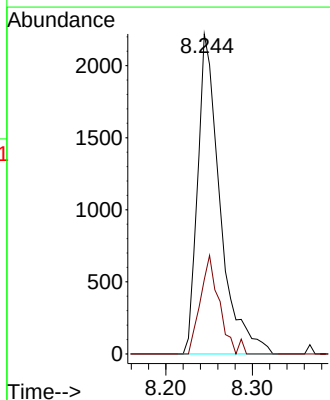
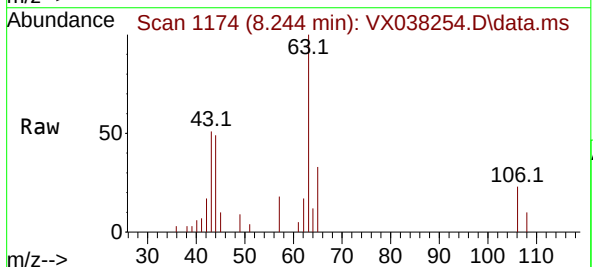
Manual Integrations
APPROVED

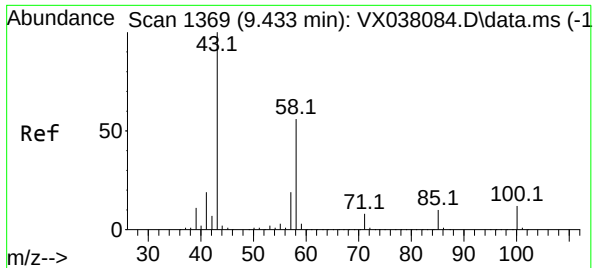
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 3.308 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion: 63 Resp: 3983
Ion Ratio Lower Upper
63 100
106 26.1 22.5 33.7





#59

2-Hexanone

Concen: 3.134 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 43 Resp: 6320

Ion Ratio Lower Upper

43 100

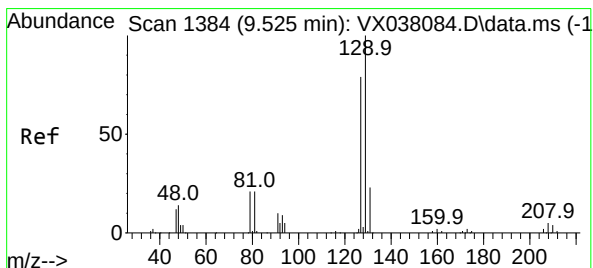
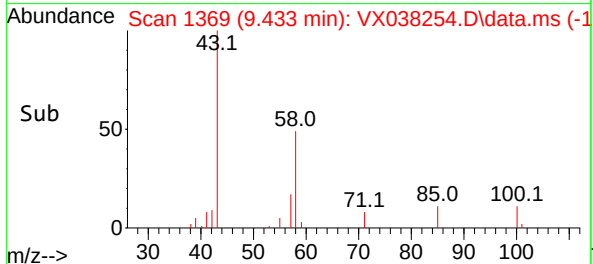
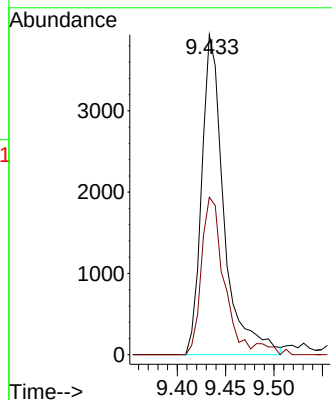
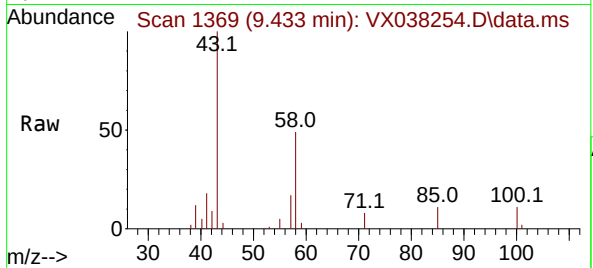
58 48.9 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#60

Dibromochloromethane

Concen: 0.589 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX038254.D

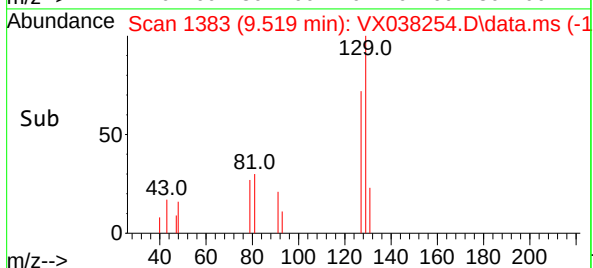
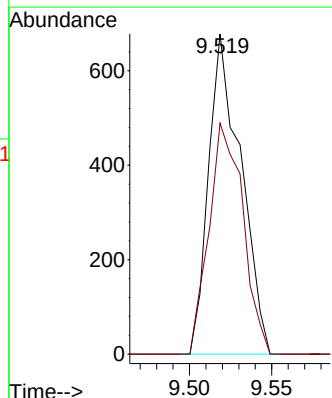
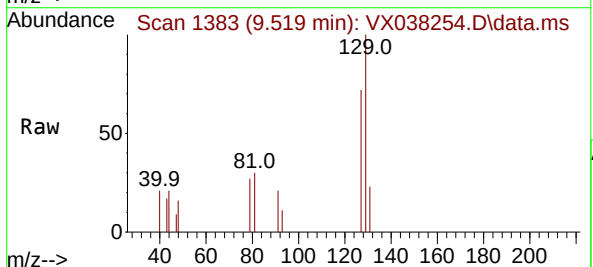
Acq: 12 Oct 2023 14:15

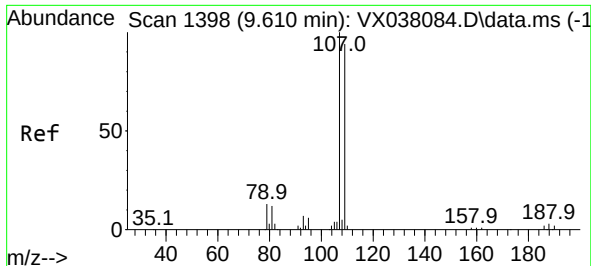
Tgt Ion:129 Resp: 922

Ion Ratio Lower Upper

129 100

127 76.0 38.8 116.4





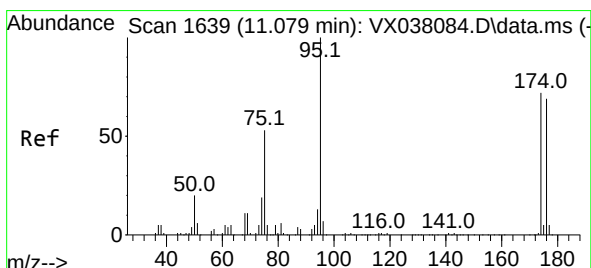
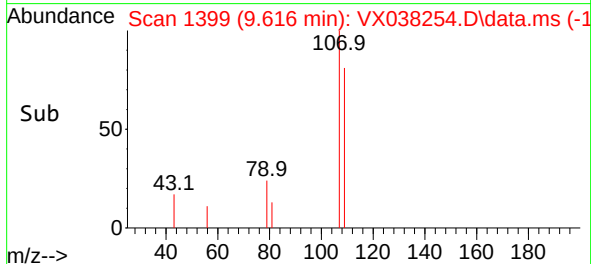
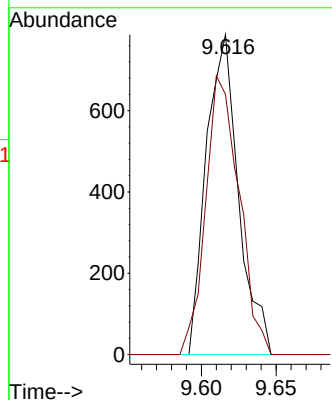
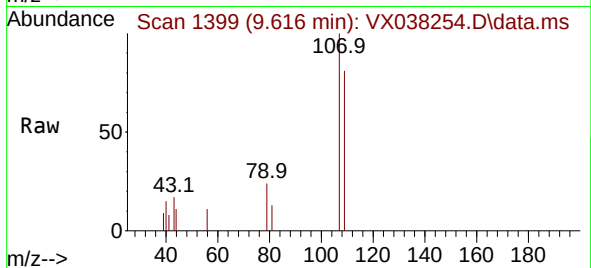
#61
1,2-Dibromoethane
Concen: 0.682 ug/l
RT: 9.616 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:107 Resp: 1180
Ion Ratio Lower Upper
107 100
109 90.5 75.2 112.8

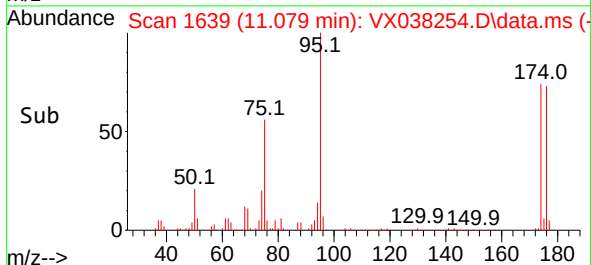
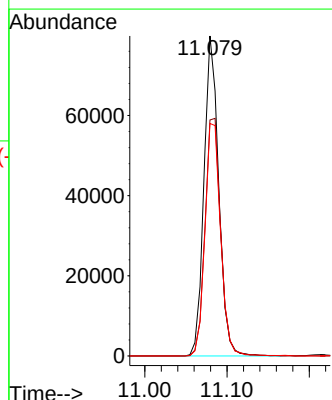
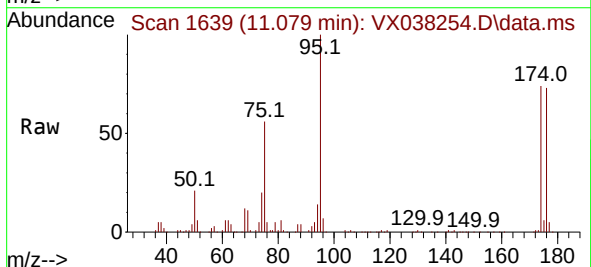
Manual Integrations
APPROVED

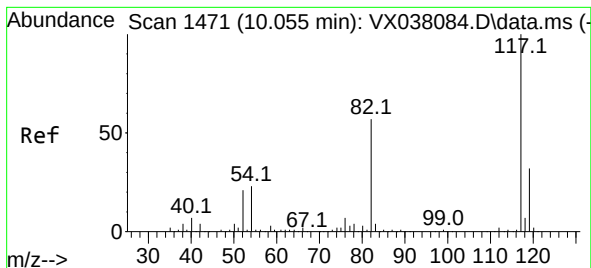
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#62
4-Bromofluorobenzene
Concen: 46.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

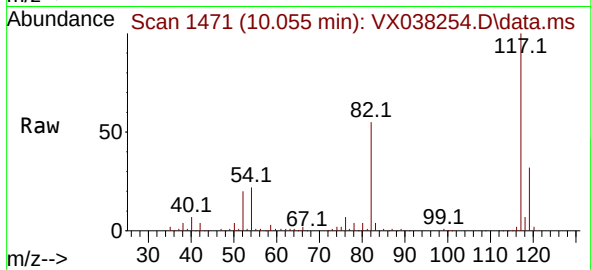
Tgt Ion: 95 Resp: 99528
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 77.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

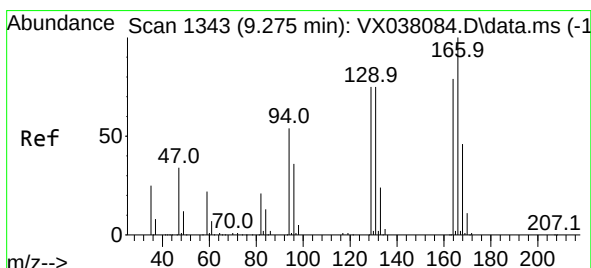
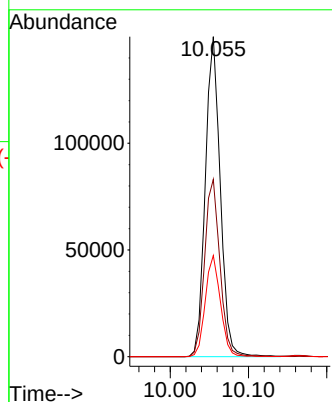
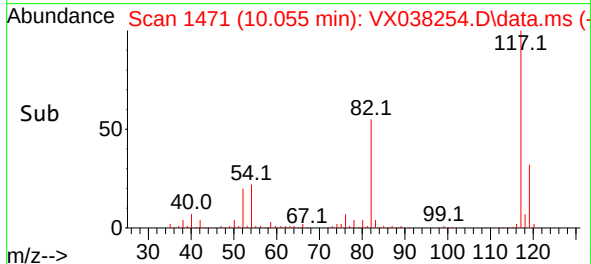
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion:117 Resp: 198248
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 31.6 25.5 38.3

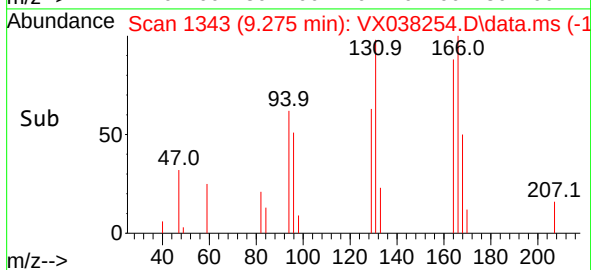
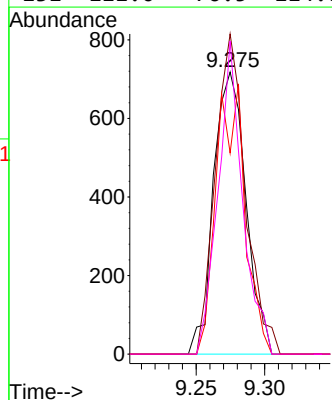
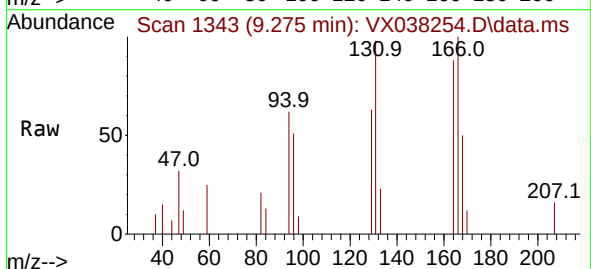
Manual Integrations
APPROVED

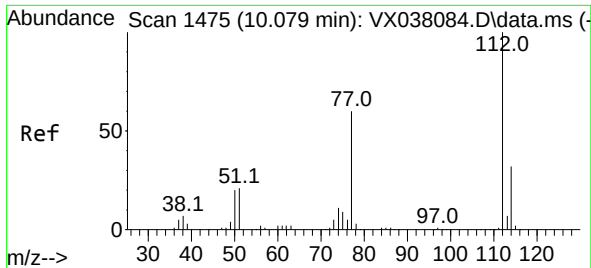
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#64
Tetrachloroethene
Concen: 0.916 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion:164 Resp: 1175
Ion Ratio Lower Upper
164 100
166 113.5 102.7 154.1
129 71.3 80.4 120.6#
131 111.0 76.5 114.7





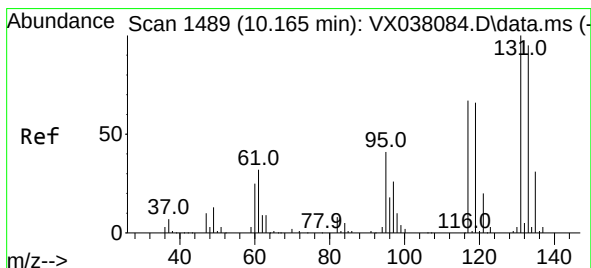
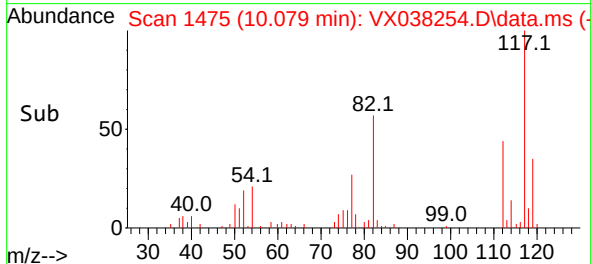
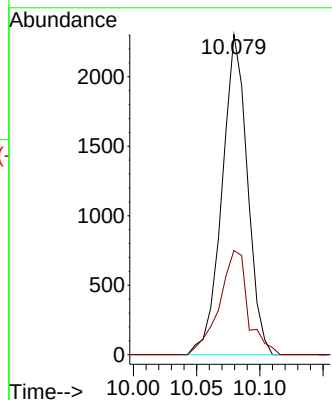
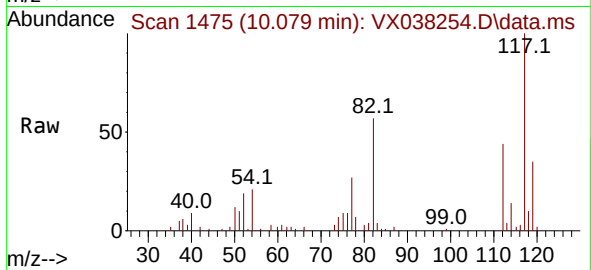
#65
Chlorobenzene
Concen: 0.774 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:112 Resp: 3210
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

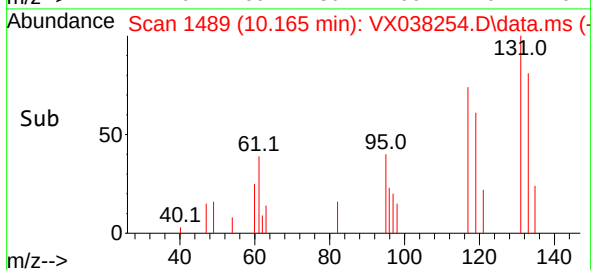
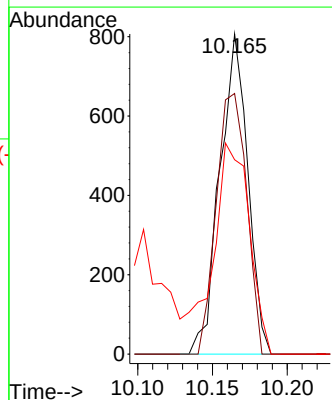
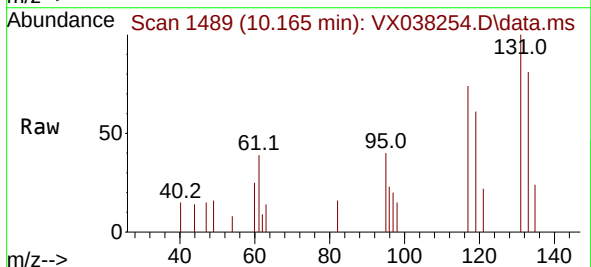
Manual Integrations
APPROVED

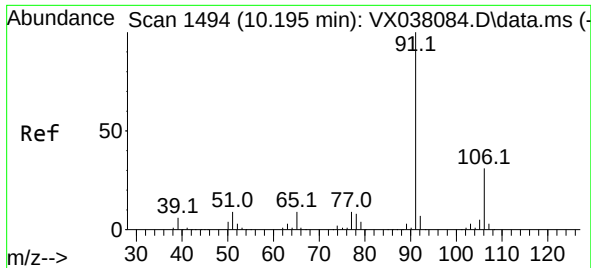
Reviewed By :John Carbone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#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: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion:131 Resp: 1053
Ion Ratio Lower Upper
131 100
133 88.1 47.1 141.4
119 0.0 32.2 96.6#





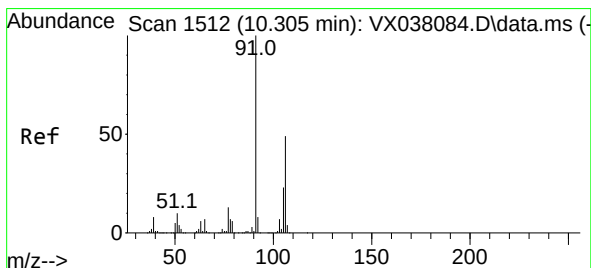
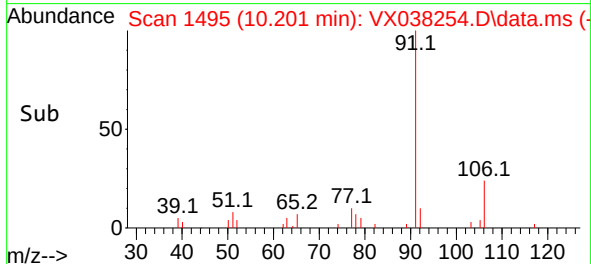
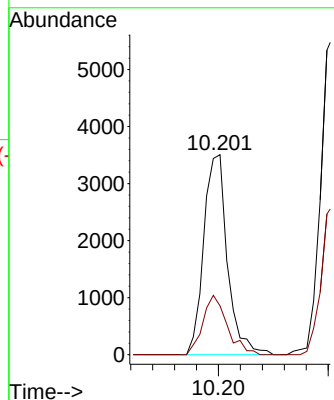
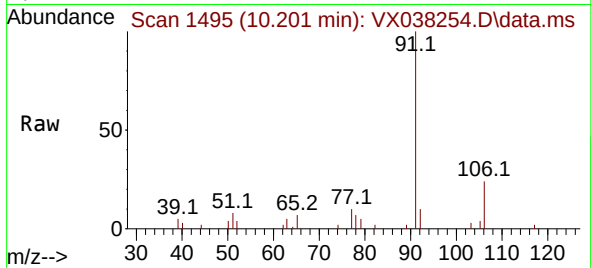
#67
Ethyl Benzene
Concen: 0.710 ug/l
RT: 10.201 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 91 Resp: 5254
Ion Ratio Lower Upper
91 100
106 24.4 24.9 37.3

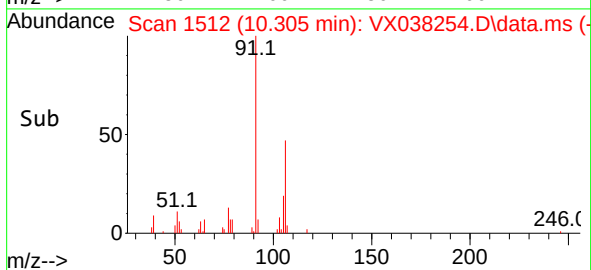
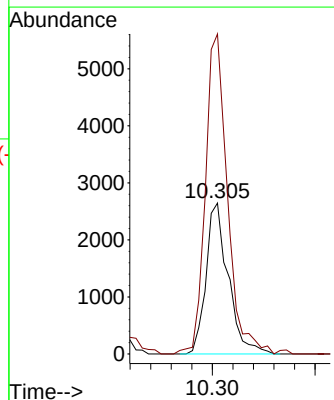
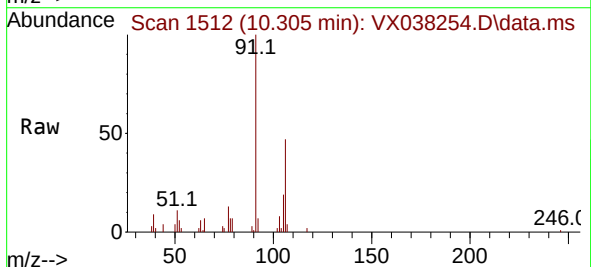
Manual Integrations
APPROVED

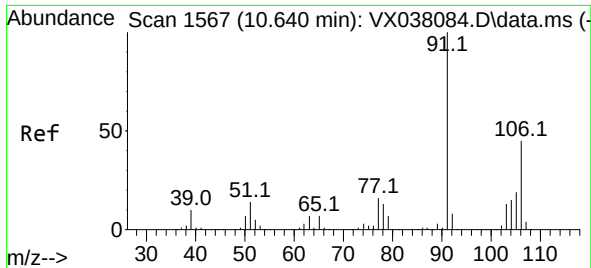
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#68
m/p-Xylenes
Concen: 1.387 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion:106 Resp: 3972
Ion Ratio Lower Upper
106 100
91 211.3 165.5 248.3





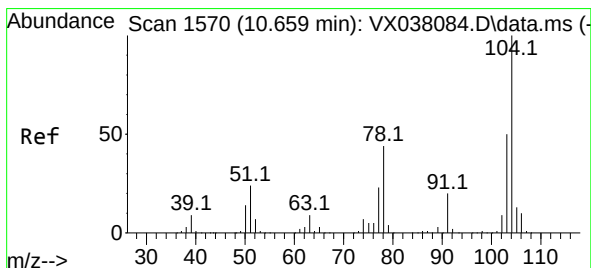
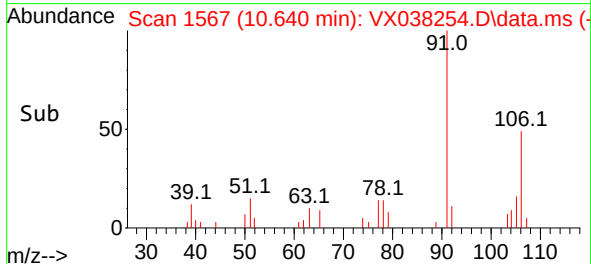
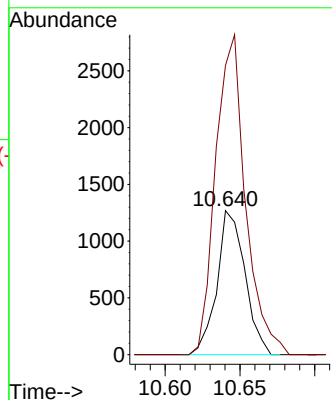
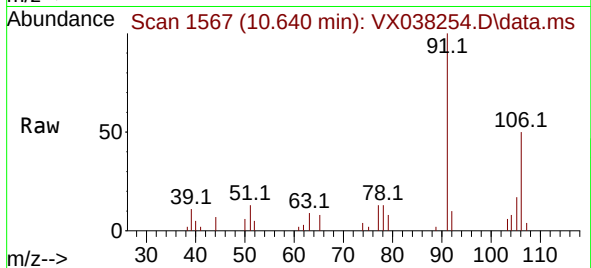
#69
o-Xylene
Concen: 0.591 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:106 Resp: 1652
Ion Ratio Lower Upper
106 100
91 237.1 108.9 326.8

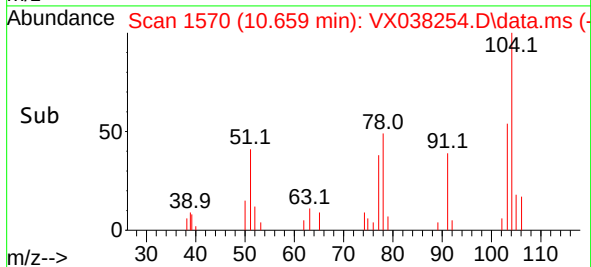
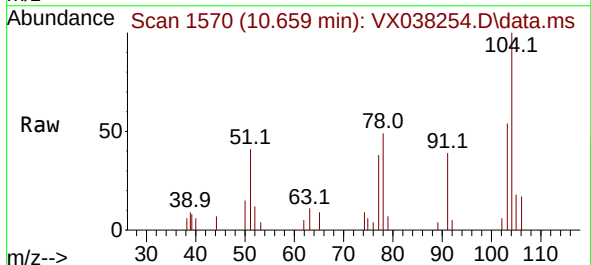
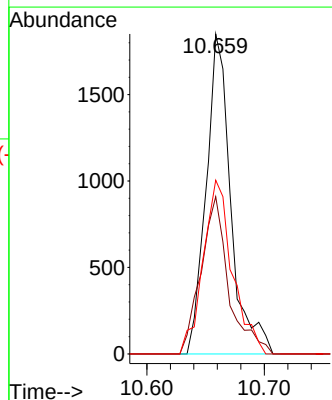
Manual Integrations
APPROVED

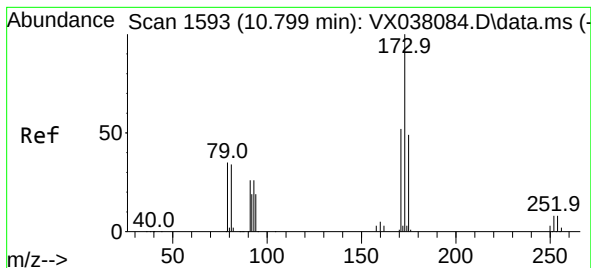
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#70
Styrene
Concen: 0.595 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion:104 Resp: 2708
Ion Ratio Lower Upper
104 100
78 55.1 43.6 65.4
103 64.0 43.6 65.4





#71

Bromoform

Concen: 0.545 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX038254.D

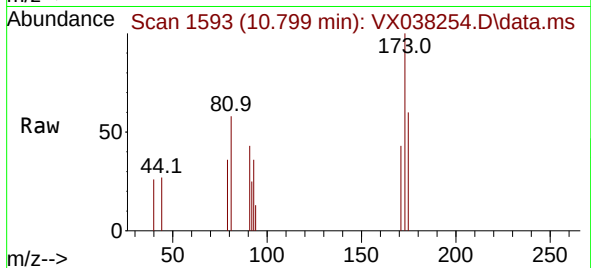
Acq: 12 Oct 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



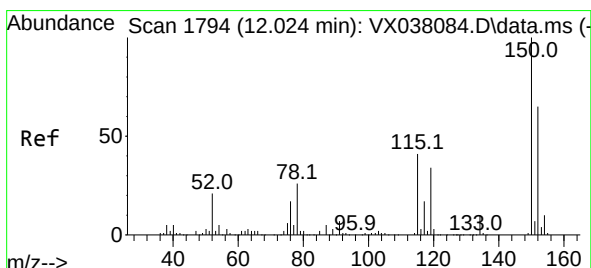
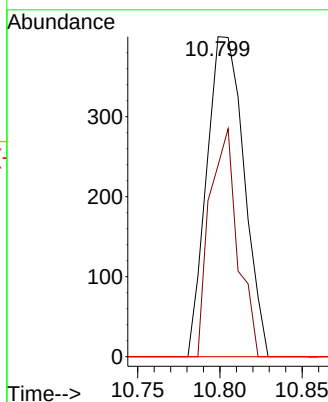
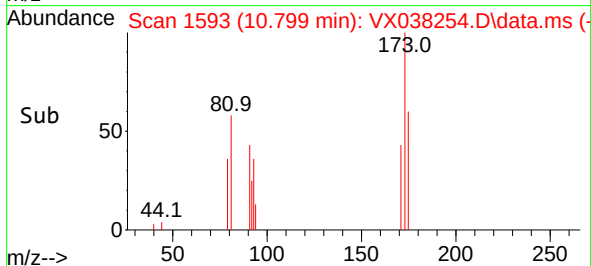
Tgt Ion:173	Resp:	630
Ion Ratio	Lower	Upper
173	100	
175	53.2	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

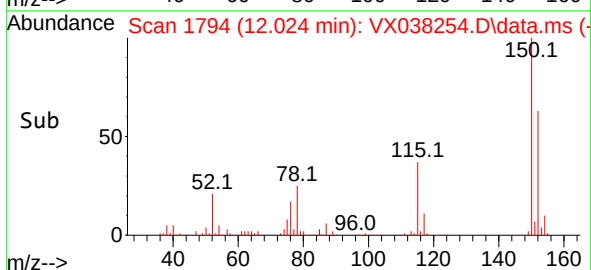
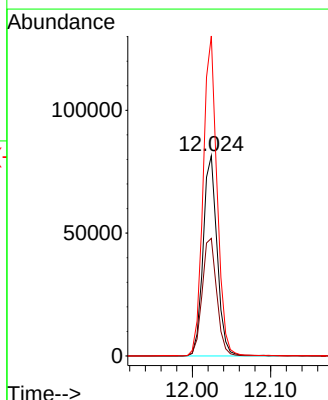
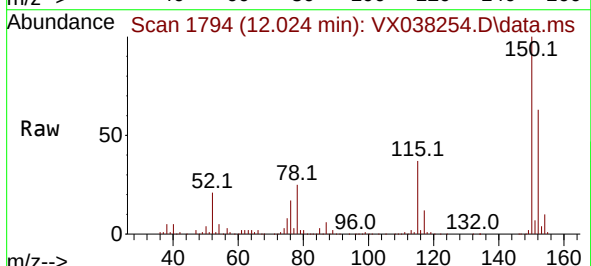
RT: 12.024 min Scan# 1794

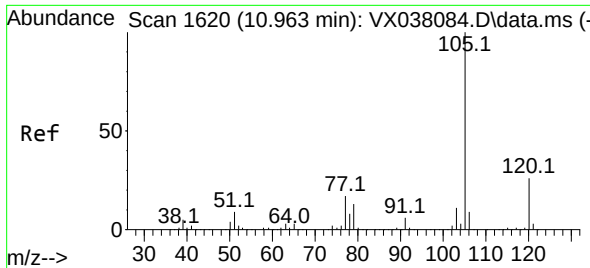
Delta R.T. 0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Tgt Ion:152	Resp:	101085
Ion Ratio	Lower	Upper
152	100	
115	61.5	43.3 129.9
150	158.3	0.0 345.0





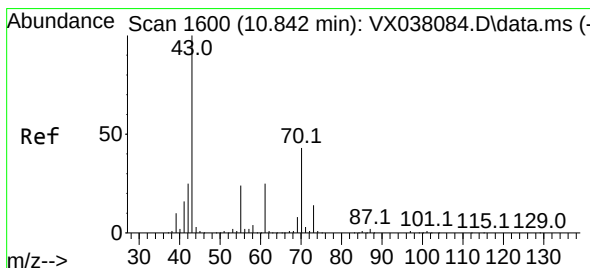
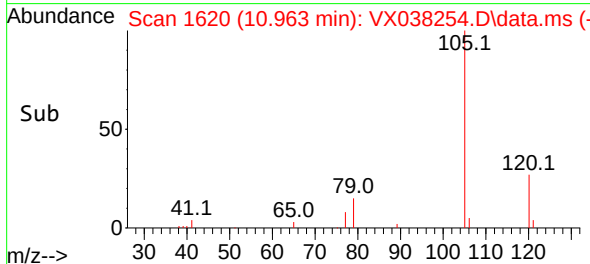
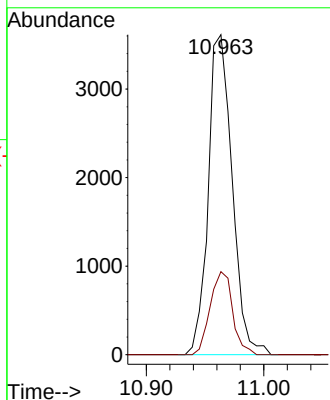
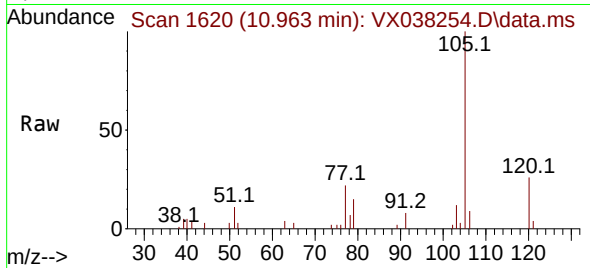
#73
Isopropylbenzene
Concen: 0.756 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:105 Resp: 512
Ion Ratio Lower Upper
105 100
120 24.4 12.9 38.6

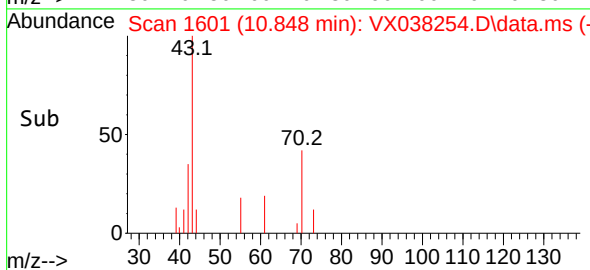
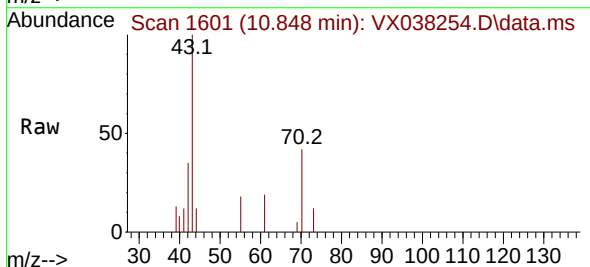
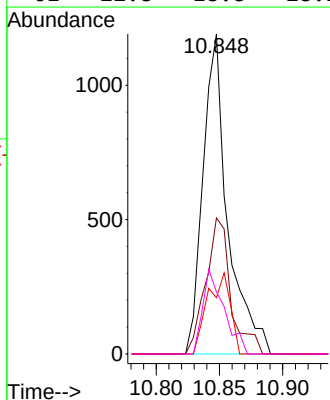
Manual Integrations
APPROVED

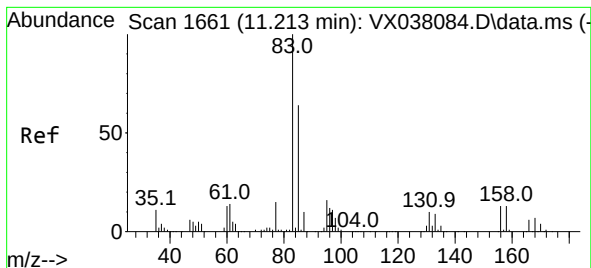
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#74
N-ethyl acetate
Concen: 0.558 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion: 43 Resp: 1615
Ion Ratio Lower Upper
43 100
70 43.2 32.9 49.3
55 23.2 19.3 28.9
61 22.8 18.8 28.2





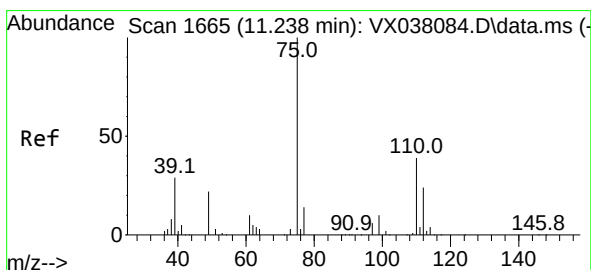
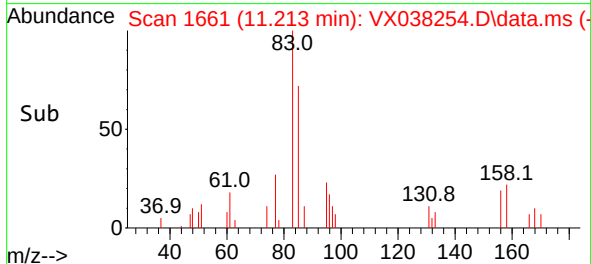
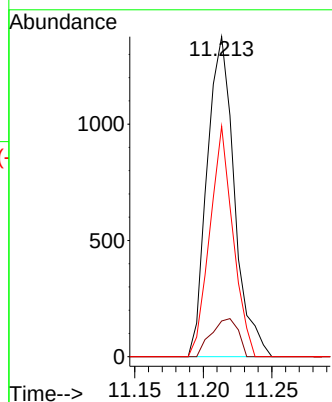
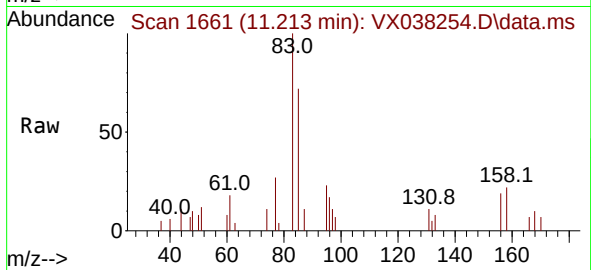
#75
1,1,2,2-Tetrachloroethane
Concen: 0.766 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 83 Resp: 1900
Ion Ratio Lower Upper
83 100
131 11.8 5.3 15.8
85 61.3 32.0 96.2

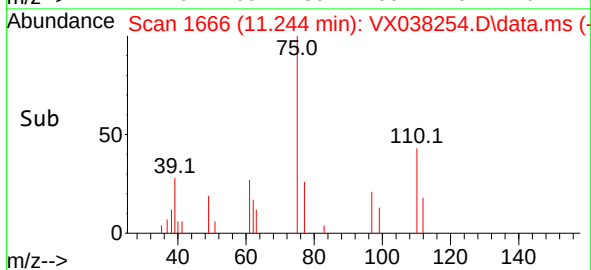
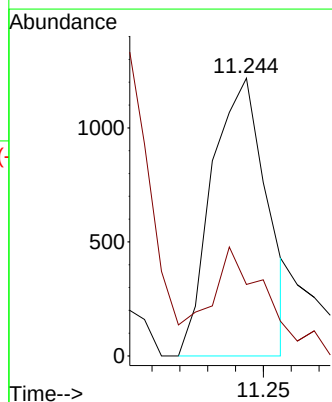
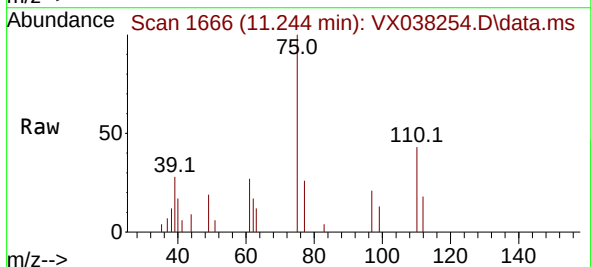
Manual Integrations
APPROVED

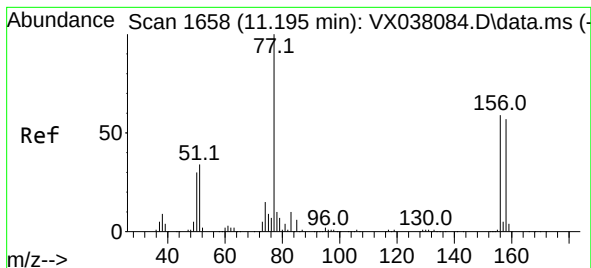
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#76
1,2,3-Trichloropropane
Concen: 0.725 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion: 75 Resp: 1665
Ion Ratio Lower Upper
75 100
77 41.0 19.1 57.5





#77

Bromobenzene

Concen: 0.801 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023

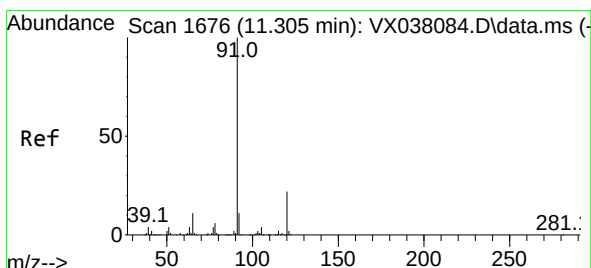
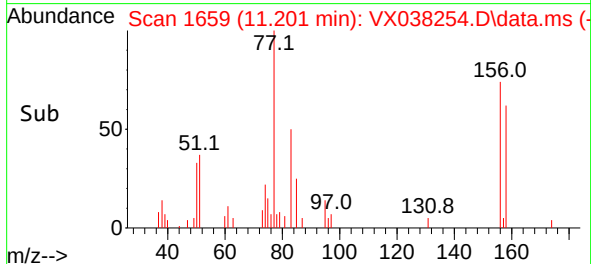
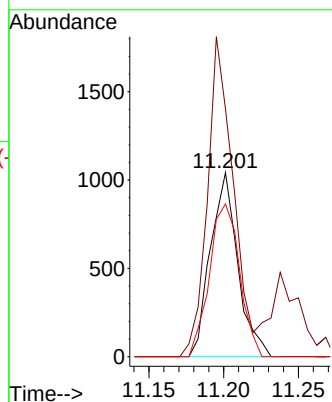
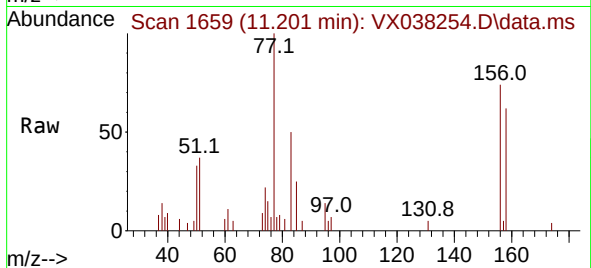
Tgt Ion:	156	Resp:	1320
Ion Ratio	Lower	Upper	
156	100		
77	162.1	88.4	265.3
158	91.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#78

n-propylbenzene

Concen: 0.750 ug/l

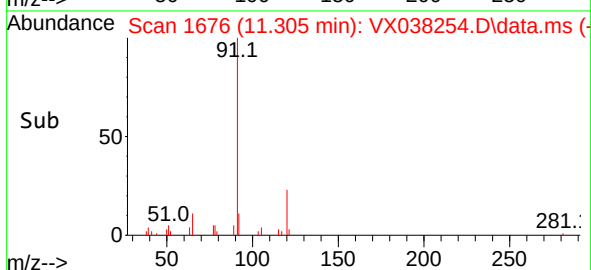
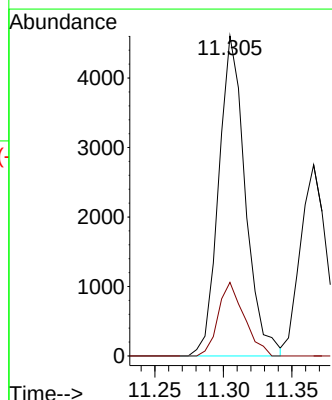
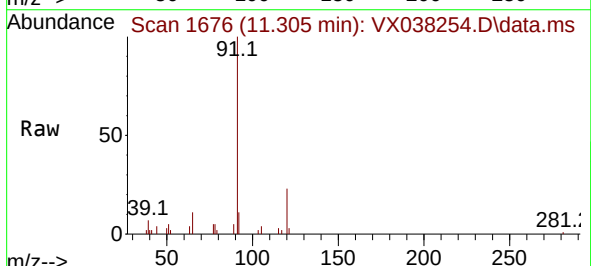
RT: 11.305 min Scan# 1676

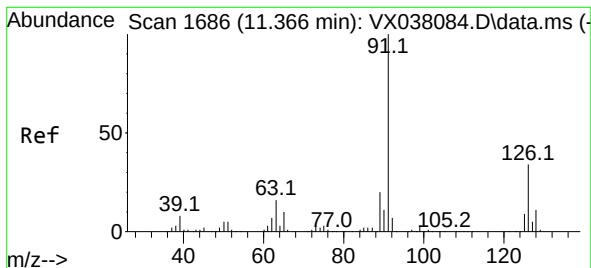
Delta R.T. -0.000 min

Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Tgt Ion:	91	Resp:	6218
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4





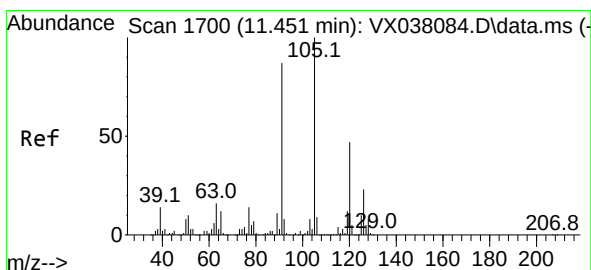
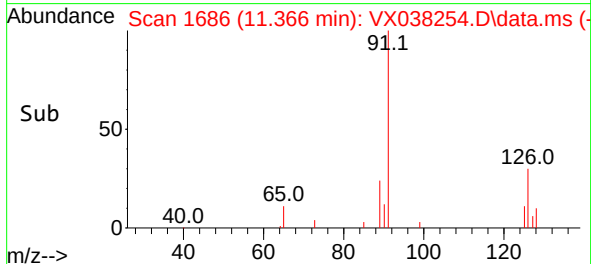
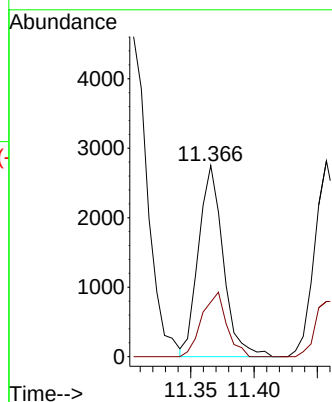
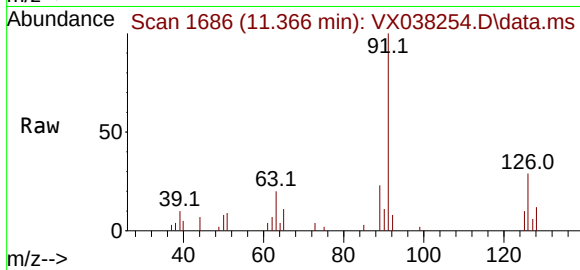
#79
2-Chlorotoluene
Concen: 0.763 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 91 Resp: 375
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

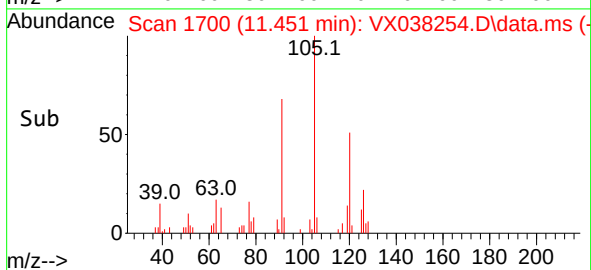
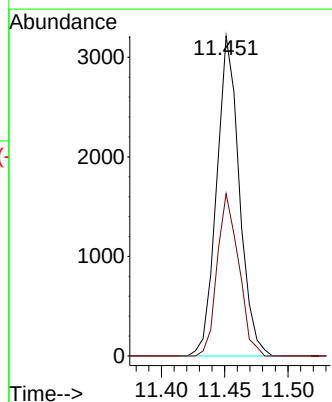
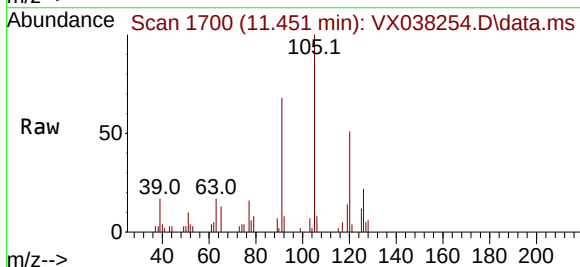
Manual Integrations
APPROVED

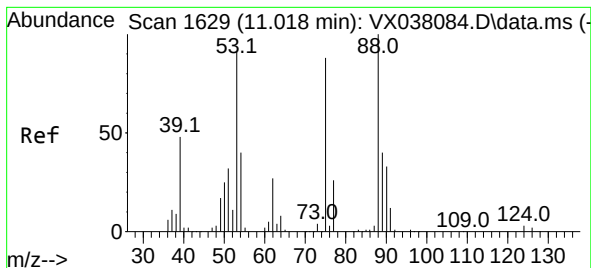
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.685 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Tgt Ion:105 Resp: 4007
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





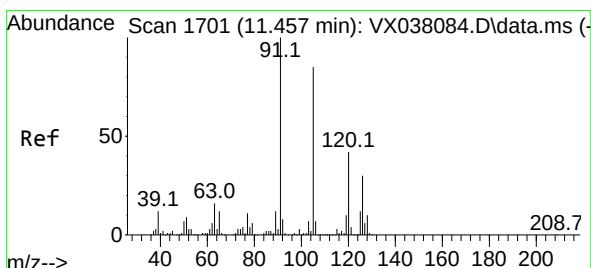
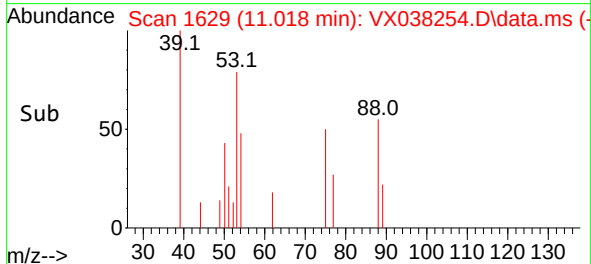
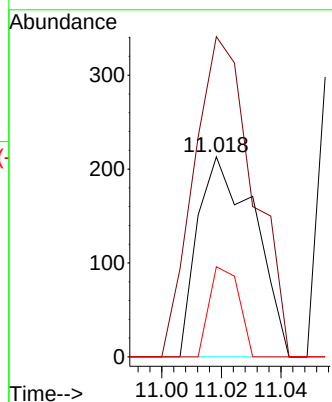
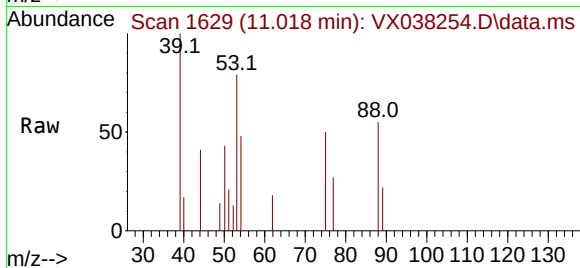
#81
trans-1,4-Dichloro-2-butene
Concen: 0.395 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023

Tgt Ion: 75 Resp: 284
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 36.9 55.3

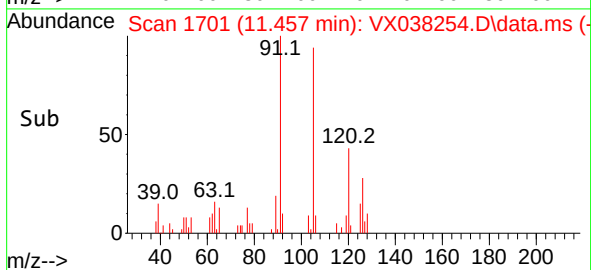
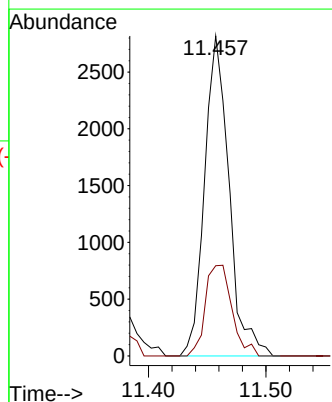
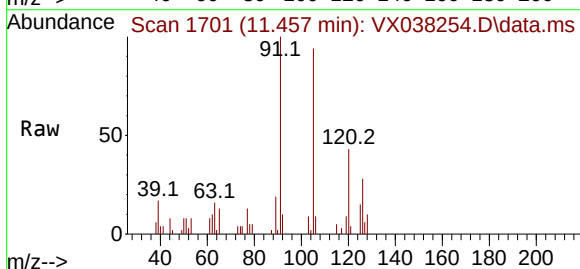
Manual Integrations
APPROVED

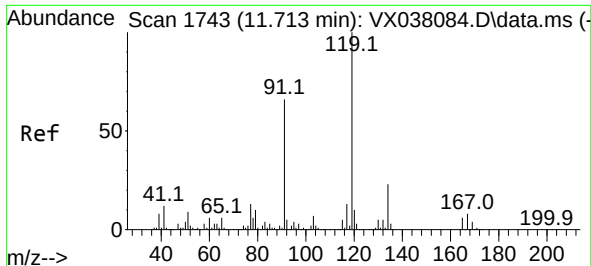
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#82
4-Chlorotoluene
Concen: 0.701 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

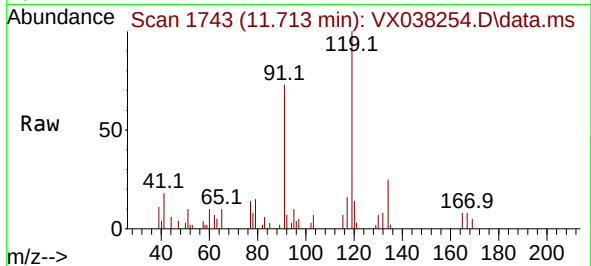
Tgt Ion: 91 Resp: 4079
Ion Ratio Lower Upper
91 100
126 30.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 0.710 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

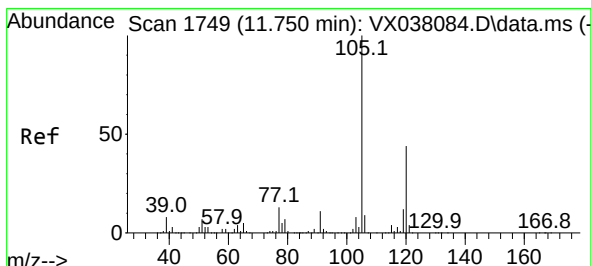
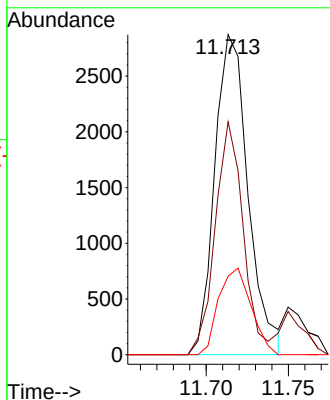
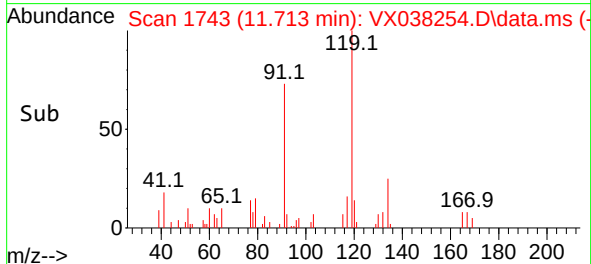
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



Tgt Ion:119 Resp: 4060
Ion Ratio Lower Upper
119 100
91 61.1 31.2 93.6
134 26.2 11.7 35.0

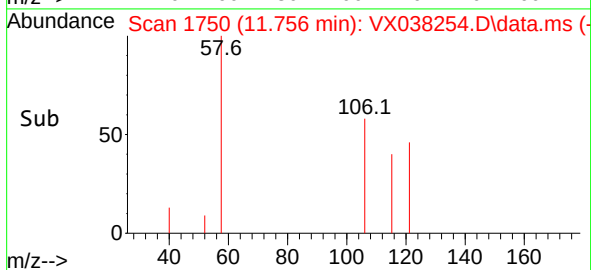
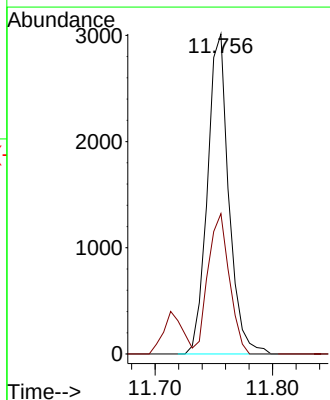
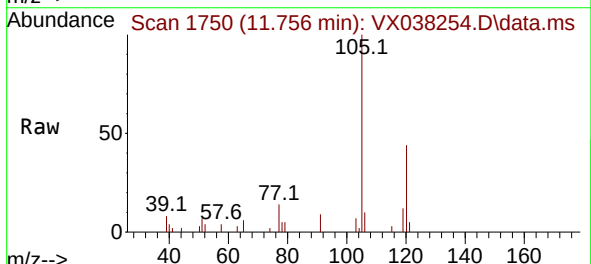
Manual Integrations
APPROVED

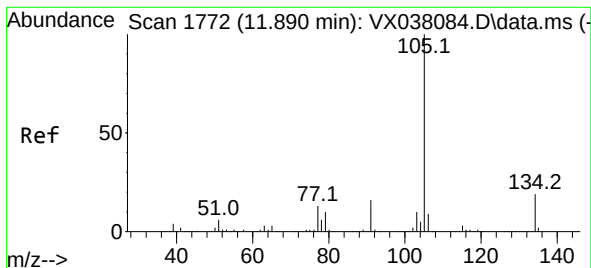
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.654 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

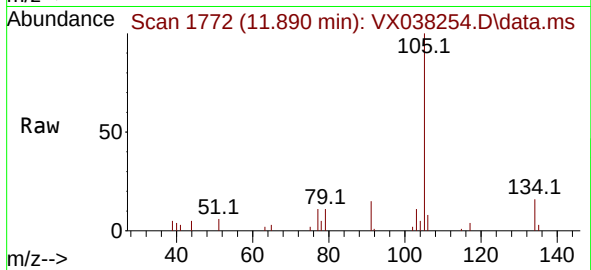
Tgt Ion:105 Resp: 3812
Ion Ratio Lower Upper
105 100
120 43.8 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.691 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038254.D
 Acq: 12 Oct 2023 14:15

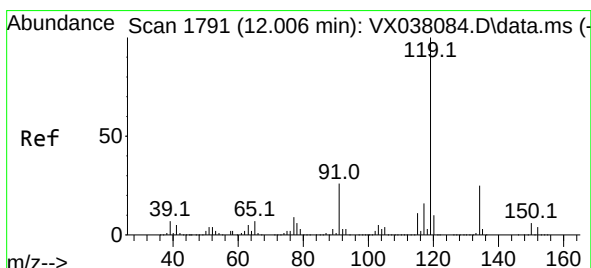
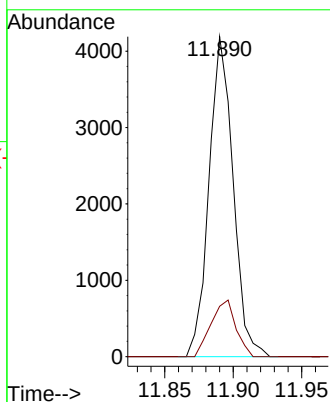
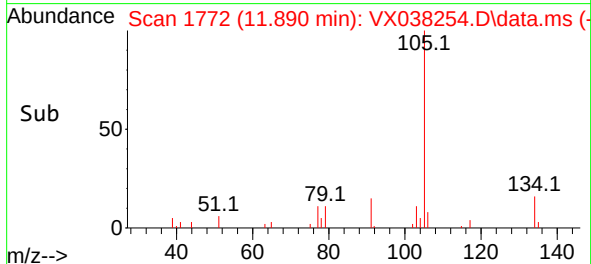
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023



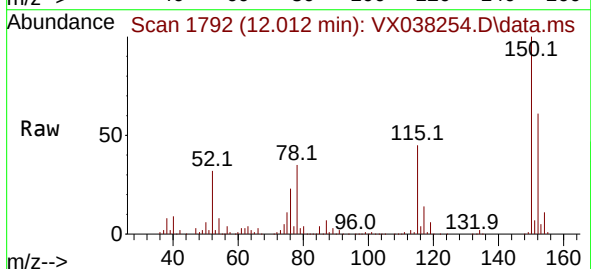
Tgt Ion:105 Resp: 5110
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.8 29.4

Manual Integrations
 APPROVED

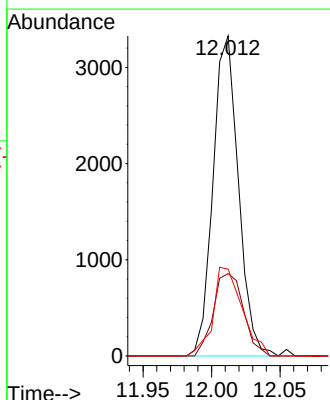
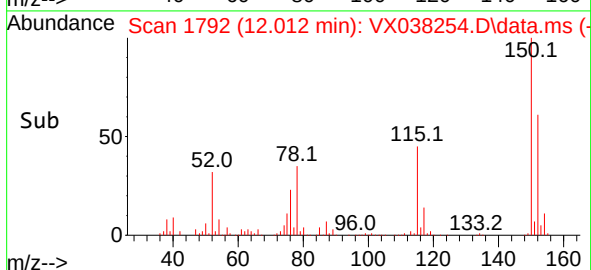
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023

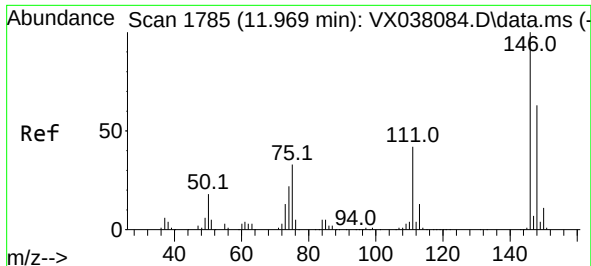


#86
 p-Isopropyltoluene
 Concen: 0.702 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038254.D
 Acq: 12 Oct 2023 14:15



Tgt Ion:119 Resp: 4287
 Ion Ratio Lower Upper
 119 100
 134 30.5 12.8 38.3
 91 31.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.776 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038254.D

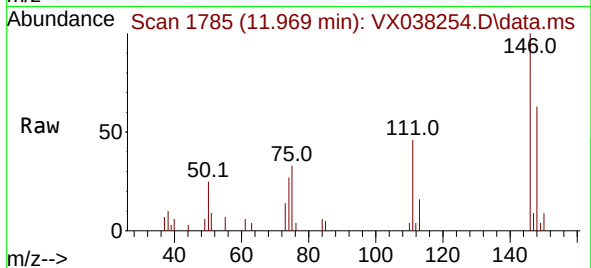
Acq: 12 Oct 2023 14:15

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2023



Tgt Ion:146 Resp: 2578

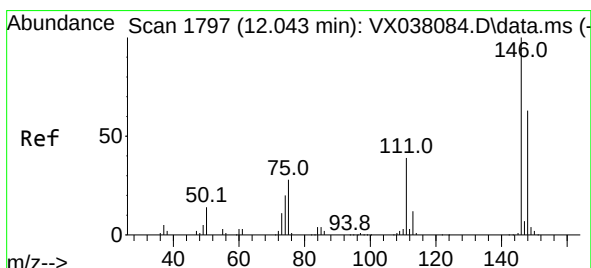
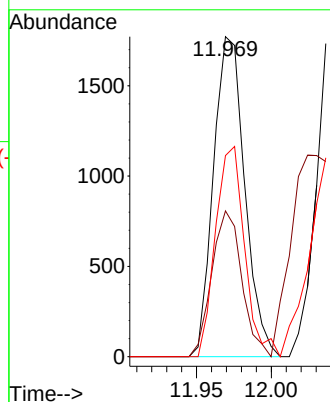
Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.1	66.1
148	61.1	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#88

1,4-Dichlorobenzene

Concen: 0.857 ug/l m

RT: 12.043 min Scan# 1797

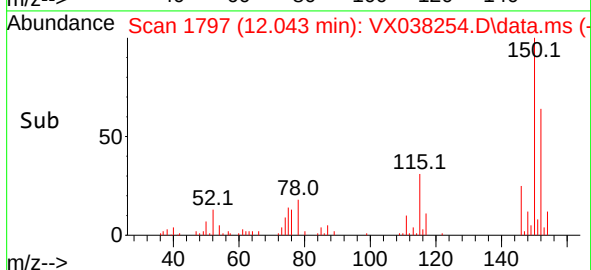
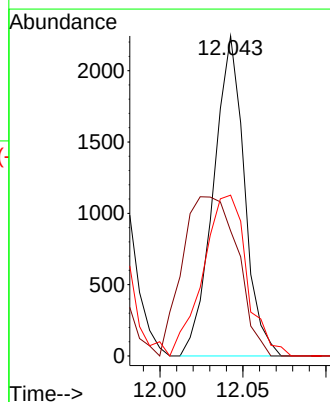
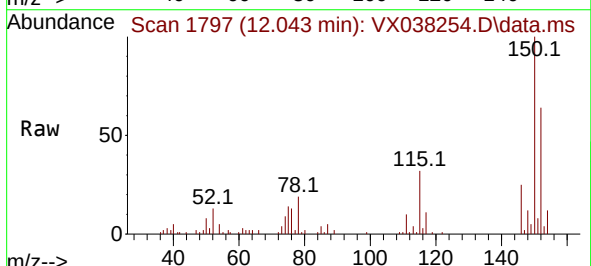
Delta R.T. -0.000 min

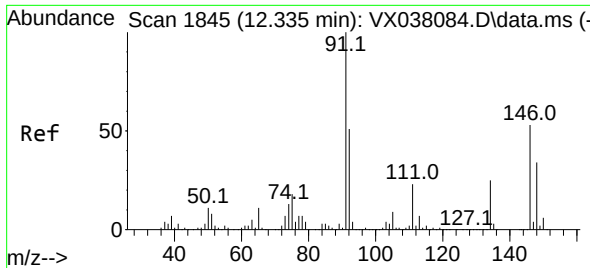
Lab File: VX038254.D

Acq: 12 Oct 2023 14:15

Tgt Ion:146 Resp: 2909

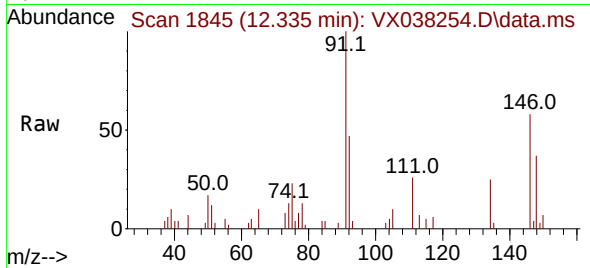
Ion	Ratio	Lower	Upper
146	100		
111	38.7	21.3	63.7
148	54.1	31.8	95.4





#89
n-Butylbenzene
Concen: 0.665 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

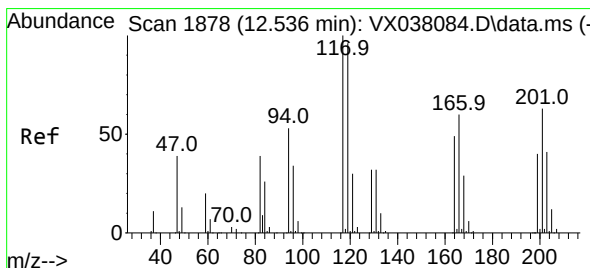
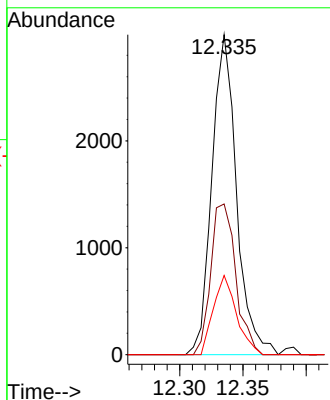
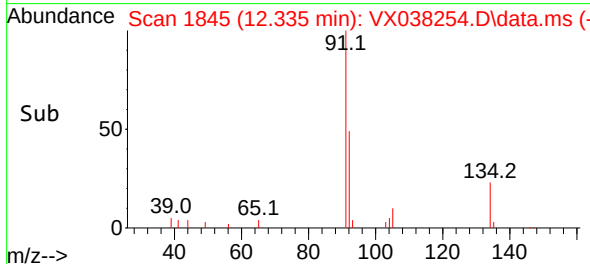
Instrument : MSVOA_X
ClientSampleId : LOD-MDL-WATER-01-QT4-2023



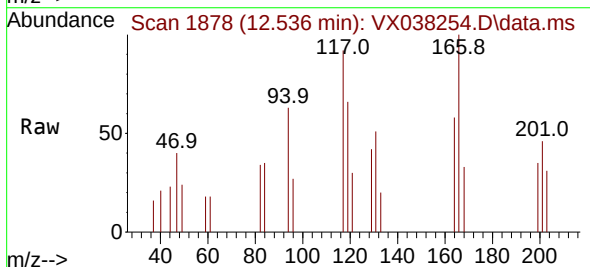
Tgt Ion: 91 Resp: 404
Ion Ratio Lower Upper
91 100
92 48.0 27.4 82.0
134 23.2 12.6 37.8

Manual Integrations
APPROVED

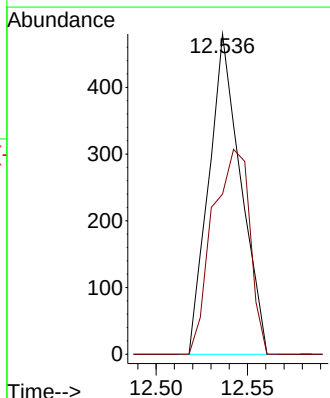
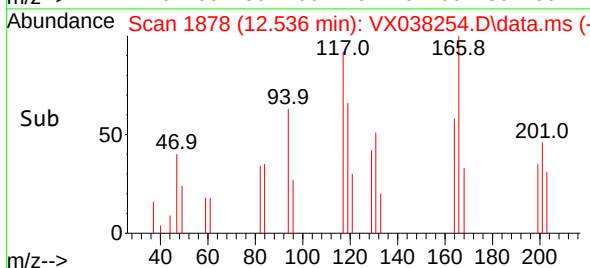
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

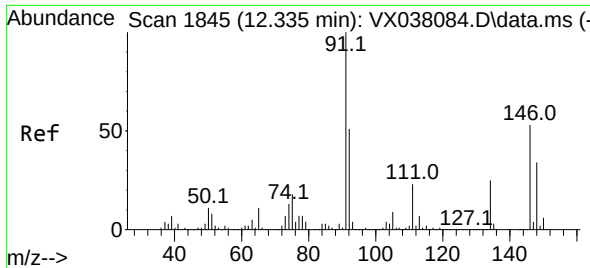


#90
Hexachloroethane
Concen: 0.576 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15



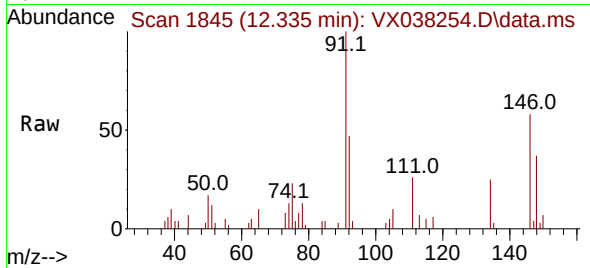
Tgt Ion:117 Resp: 583
Ion Ratio Lower Upper
117 100
201 74.6 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 0.712 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

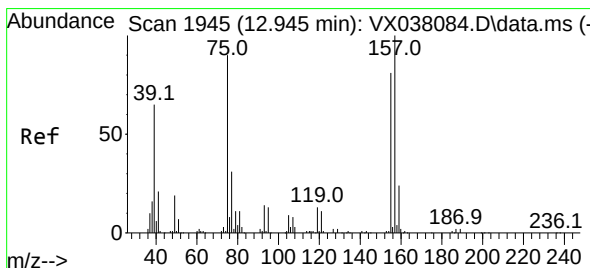
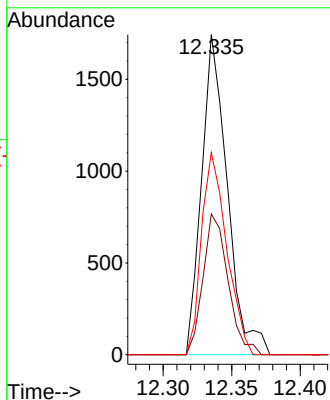
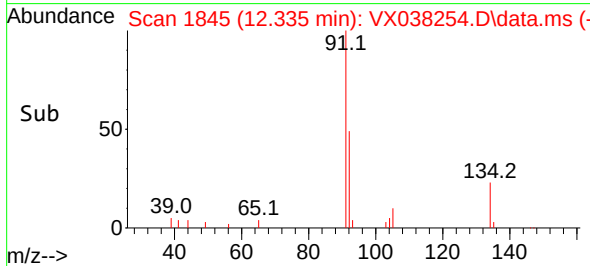
Instrument : MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



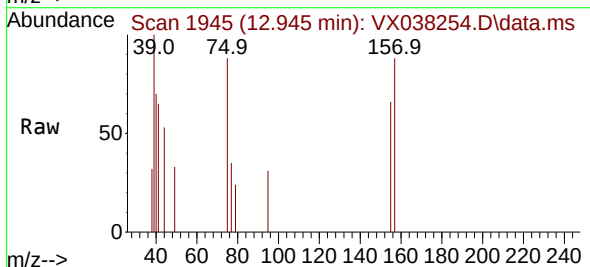
Tgt Ion:146 Resp: 2270
Ion Ratio Lower Upper
146 100
111 42.8 22.4 67.0
148 61.9 31.6 95.0

Manual Integrations
APPROVED

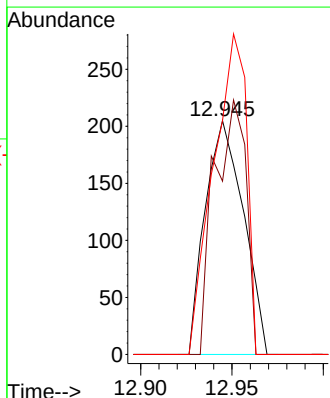
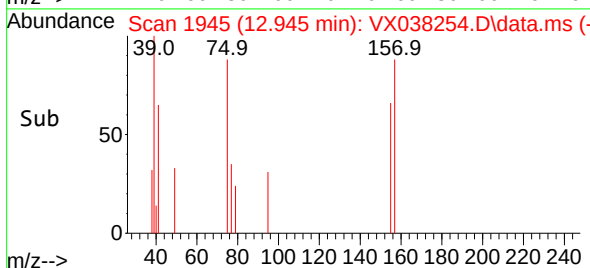
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

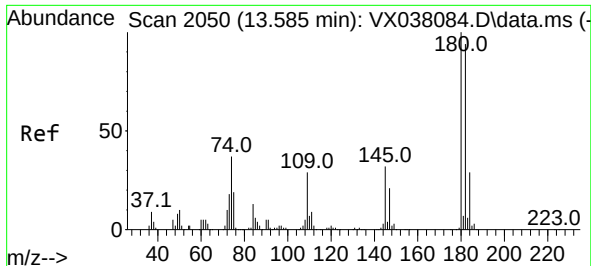


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.495 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15



Tgt Ion: 75 Resp: 298
Ion Ratio Lower Upper
75 100
155 89.9 36.1 108.5
157 119.1 44.9 134.7





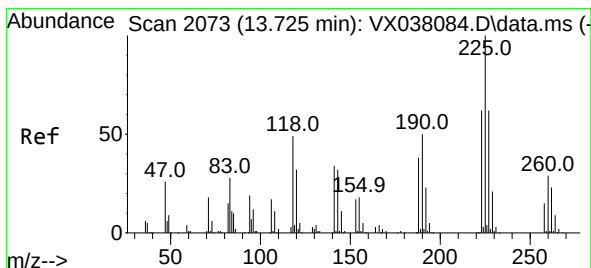
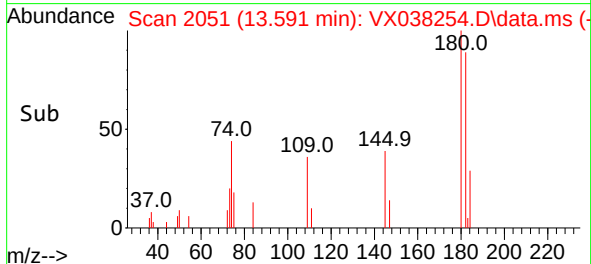
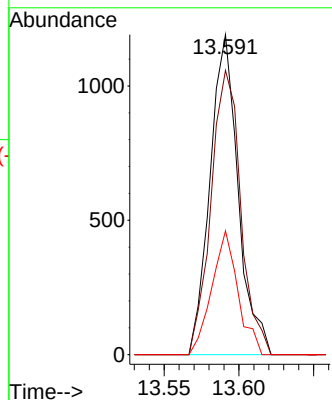
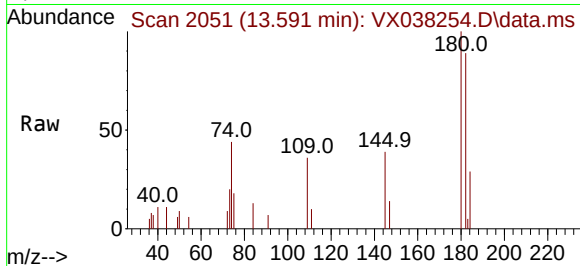
#93
1,2,4-Trichlorobenzene
Concen: 0.727 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Tgt Ion:180 Resp: 1559
Ion Ratio Lower Upper
180 100
182 93.6 48.3 144.8
145 35.9 18.0 54.0

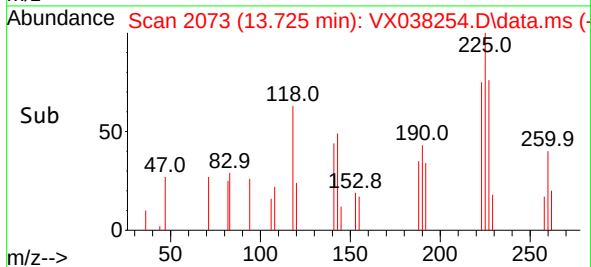
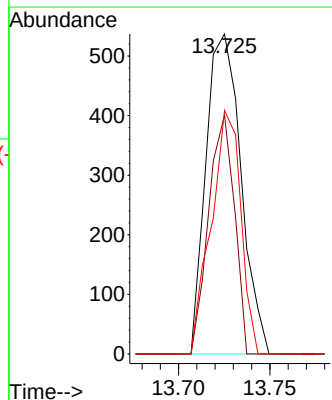
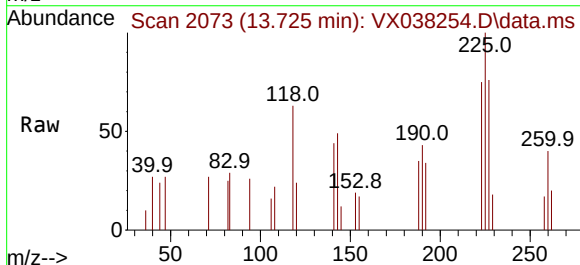
Manual Integrations
APPROVED

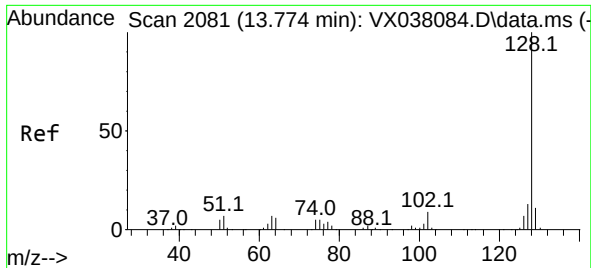
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#94
Hexachlorobutadiene
Concen: 0.829 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

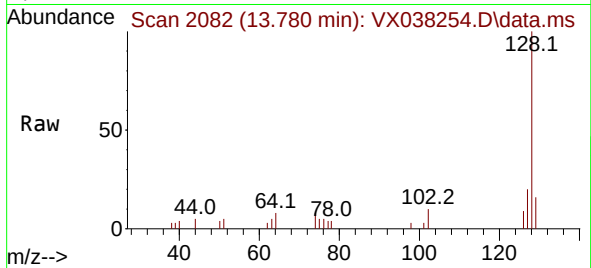
Tgt Ion:225 Resp: 715
Ion Ratio Lower Upper
225 100
223 55.1 31.1 93.2
227 64.3 32.5 97.5





#95
Naphthalene
Concen: 0.598 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15

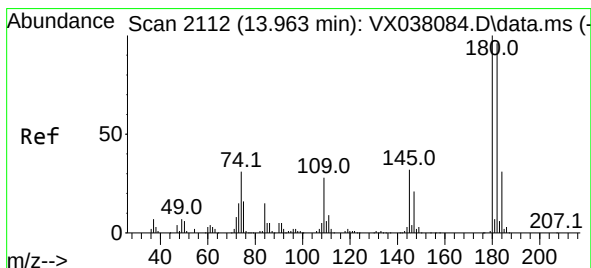
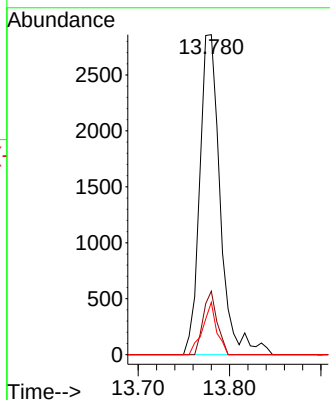
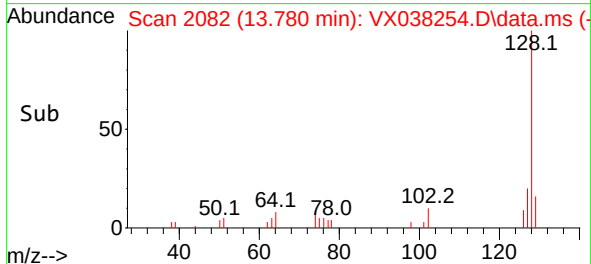
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023



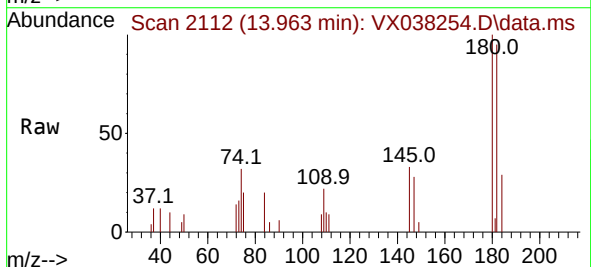
Tgt Ion:128 Resp: 4460
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carbone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.770 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038254.D
Acq: 12 Oct 2023 14:15



Tgt Ion:180 Resp: 1598
Ion Ratio Lower Upper
180 100
182 90.0 46.9 140.6
145 32.9 17.8 53.5

