

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038256.D
 Acq On : 12 Oct 2023 15:03
 Operator : JC/MD
 Sample : 04699-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Oct 13 06:41:53 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	122510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93864	47.635	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.260%		
35) Dibromofluoromethane	5.385	113	72097	48.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.500%		
50) Toluene-d8	8.647	98	267472	47.331	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.660%		
62) 4-Bromofluorobenzene	11.079	95	98036	45.761	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.520%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1168	0.988	ug/l	91
3) Chloromethane	1.300	50	1345	1.116	ug/l	98
4) Vinyl Chloride	1.374	62	1540	1.152	ug/l #	74
5) Bromomethane	1.605	94	1668	0.914	ug/l	84
6) Chloroethane	1.691	64	1731	1.461	ug/l	90
7) Trichlorofluoromethane	1.886	101	3244	1.229	ug/l	87
8) Diethyl Ether	2.130	74	997	1.013	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	1231	1.068	ug/l #	84
10) Methyl Iodide	2.453	142	1630	0.983	ug/l #	93
11) Tert butyl alcohol	2.947	59	2516	5.243	ug/l #	91
12) 1,1-Dichloroethene	2.325	96	1157	1.032	ug/l #	71
13) Acrolein	2.233	56	1434	5.119	ug/l	93
14) Allyl chloride	2.654	41	1897	0.946	ug/l	93
15) Acrylonitrile	3.068	53	4293	4.787	ug/l	99
16) Acetone	2.380	43	5102	6.204	ug/l	95
17) Carbon Disulfide	2.508	76	2945	0.912	ug/l	100
18) Methyl Acetate	2.703	43	3450	0.978	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	4016	0.900	ug/l	96
20) Methylene Chloride	2.794	84	1728	1.117	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	1318	0.950	ug/l #	85
22) Diisopropyl ether	3.770	45	3629	0.864	ug/l	97
23) Vinyl Acetate	3.727	43	11986	3.890	ug/l	99
24) 1,1-Dichloroethane	3.611	63	2421	0.949	ug/l	96
25) 2-Butanone	4.574	43	6238	4.701	ug/l	92
26) 2,2-Dichloropropane	4.489	77	1623	0.815	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	1556	0.941	ug/l #	13
28) Bromochloromethane	4.903	49	1080	0.938	ug/l #	92
29) Tetrahydrofuran	5.013	42	3777	4.372	ug/l	92
30) Chloroform	5.099	83	2750	0.986	ug/l #	67
31) Cyclohexane	5.477	56	1949	0.913	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	2355	0.986	ug/l #	52
36) 1,1-Dichloropropene	5.702	75	2114	1.037	ug/l	95
37) Ethyl Acetate	4.727	43	2209	0.912	ug/l #	97
38) Carbon Tetrachloride	5.678	117	1951	0.973	ug/l #	77
39) Methylcyclohexane	7.379	83	2321	0.972	ug/l #	83
40) Benzene	6.037	78	5660	0.992	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	963m	0.799	ug/l	
42) 1,2-Dichloroethane	6.086	62	2378	1.043	ug/l	80
43) Isopropyl Acetate	6.348	43	3007	0.832	ug/l	98
44) Trichloroethene	7.135	130	1677	1.124	ug/l	84
45) 1,2-Dichloropropane	7.434	63	1539	1.043	ug/l #	83
46) Dibromomethane	7.586	93	1042	0.910	ug/l	86
47) Bromodichloromethane	7.824	83	1899	0.932	ug/l	90
48) Methyl methacrylate	7.702	41	1567	0.908	ug/l	92
49) 1,4-Dioxane	7.677	88	761	17.892	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	10739	4.306	ug/l	100
52) Toluene	8.720	92	3570	0.961	ug/l	90
53) t-1,3-Dichloropropene	8.982	75	1561	0.714	ug/l #	81
54) cis-1,3-Dichloropropene	8.366	75	1828	0.796	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	1386	0.872	ug/l	95
56) Ethyl methacrylate	9.116	69	1765	0.724	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	2491	0.969	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	5196	4.344	ug/l	98
59) 2-Hexanone	9.433	43	8651	4.315	ug/l	98
60) Dibromochloromethane	9.519	129	1199	0.771	ug/l	92
61) 1,2-Dibromoethane	9.610	107	1500	0.873	ug/l	99
64) Tetrachloroethene	9.275	164	1402	1.072	ug/l	88
65) Chlorobenzene	10.079	112	4517	1.069	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.165	131	1233	0.863	ug/l #	64
67) Ethyl Benzene	10.195	91	6896	0.914	ug/l	100
68) m/p-Xylenes	10.305	106	4870	1.670	ug/l	92
69) o-Xylene	10.646	106	2405	0.845	ug/l	98
70) Styrene	10.659	104	3660	0.790	ug/l	96
71) Bromoform	10.805	173	783	0.665	ug/l #	94
73) Isopropylbenzene	10.963	105	5980	0.857	ug/l	96
74) N-amyl acetate	10.848	43	1897	0.637	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	2552	0.997	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	2329m	0.985	ug/l	
77) Bromobenzene	11.201	156	1844	1.082	ug/l	88
78) n-propylbenzene	11.305	91	8312	0.974	ug/l	93
79) 2-Chlorotoluene	11.366	91	5004	0.989	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	5369	0.892	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	349m	0.471	ug/l	
82) 4-Chlorotoluene	11.457	91	5413	0.904	ug/l	95
83) tert-Butylbenzene	11.713	119	4995	0.849	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	4913	0.818	ug/l	91
85) sec-Butylbenzene	11.890	105	6745	0.885	ug/l	98
86) p-Isopropyltoluene	12.012	119	5753	0.915	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	3103	0.907	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	3617m	1.035	ug/l	
89) n-Butylbenzene	12.335	91	5584	0.892	ug/l	90
90) Hexachloroethane	12.542	117	808	0.775	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	3104	0.944	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.951	75	501	0.809	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	1895	0.859	ug/l	92
94) Hexachlorobutadiene	13.725	225	1077	1.213	ug/l	90
95) Naphthalene	13.780	128	6211	0.808	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1923	0.900	ug/l	94

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Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

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

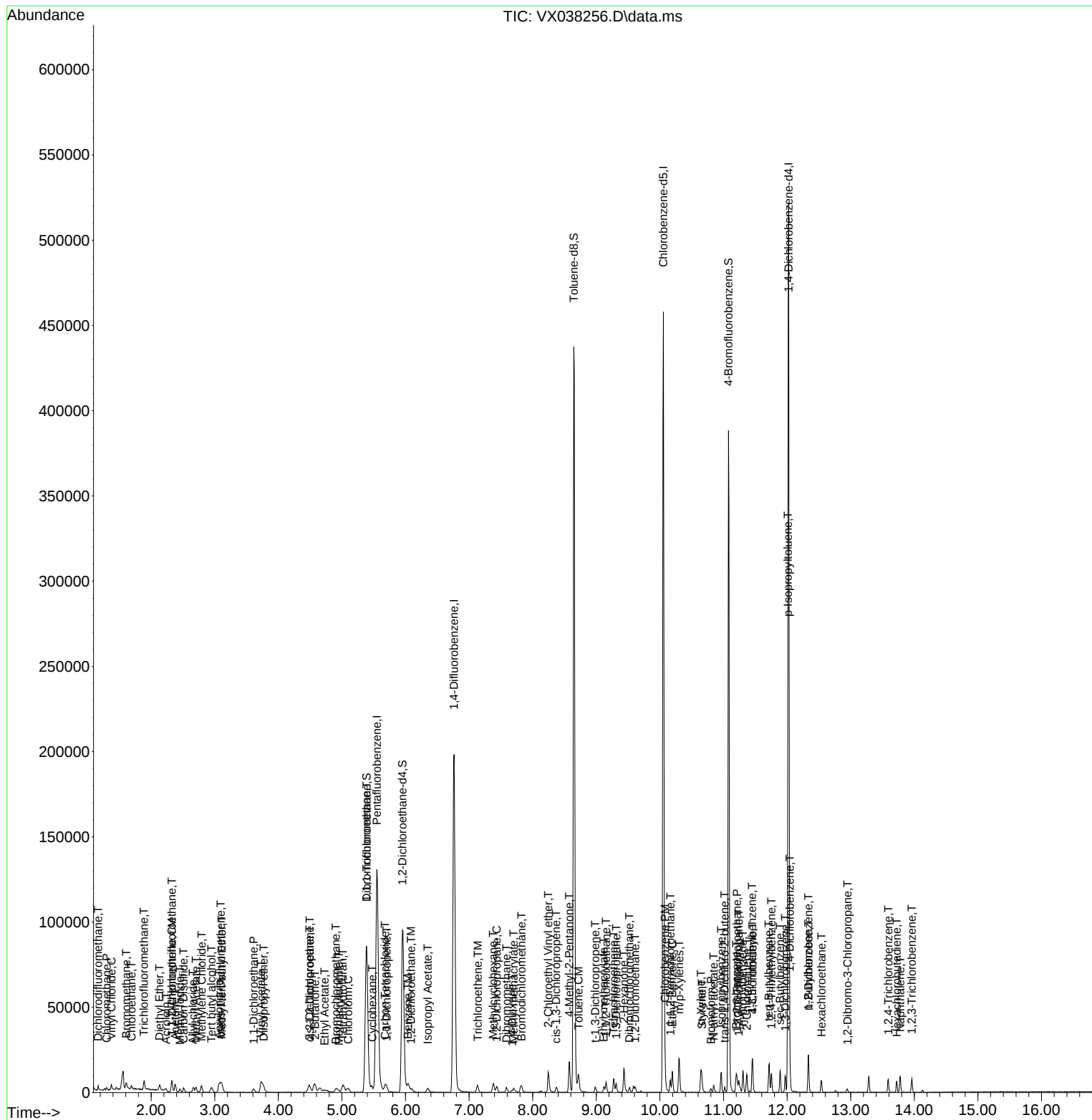
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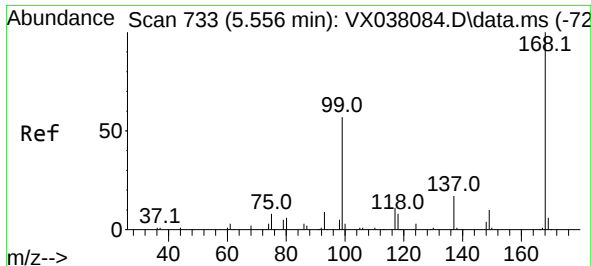
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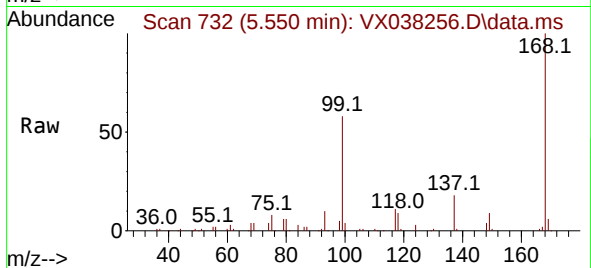
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038256.D
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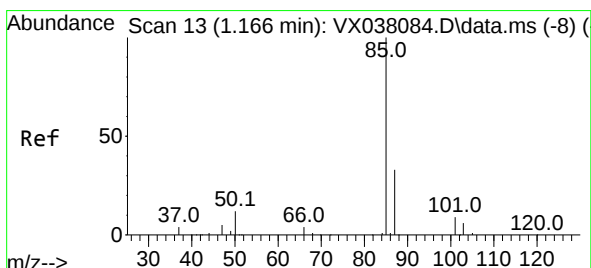
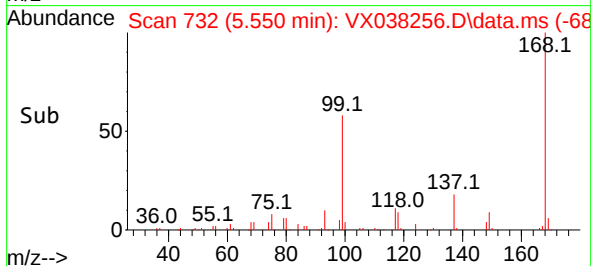
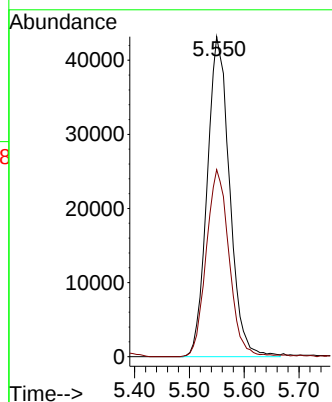
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:168 Resp: 122510
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0

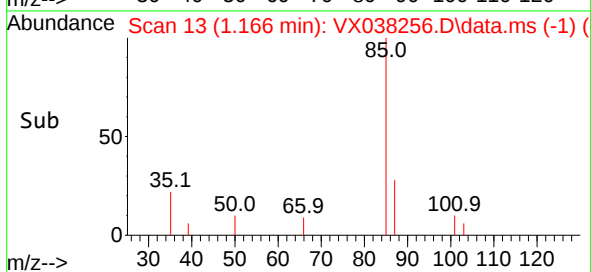
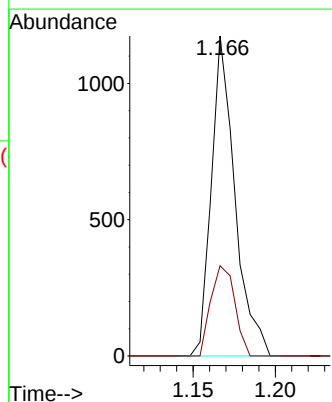
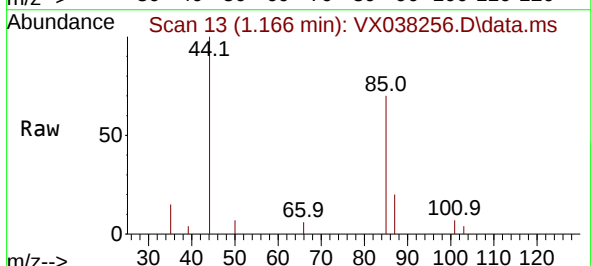
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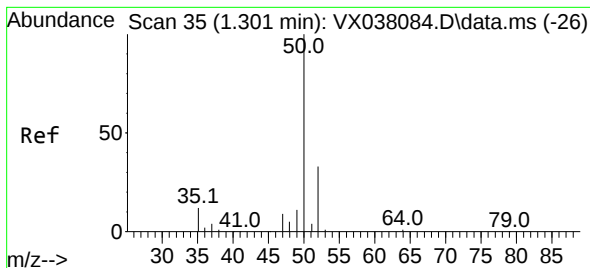
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#2
Dichlorodifluoromethane
Concen: 0.988 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Tgt Ion: 85 Resp: 1168
Ion Ratio Lower Upper
85 100
87 28.2 16.7 50.1





#3

Chloromethane

Concen: 1.116 ug/l

RT: 1.300 min Scan# 3

Delta R.T. -0.001 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

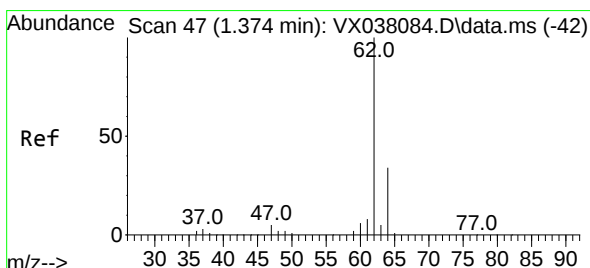
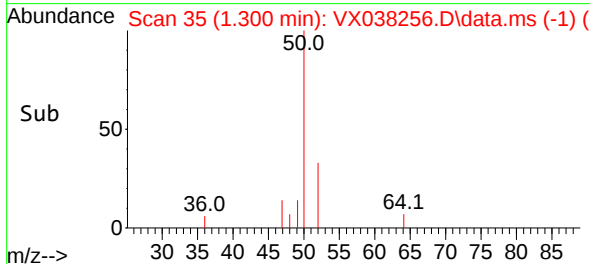
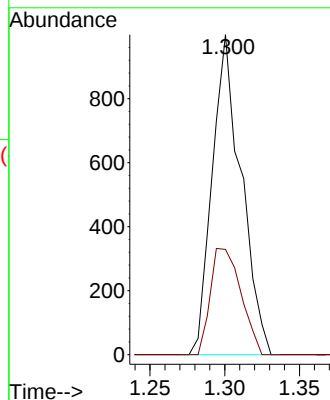
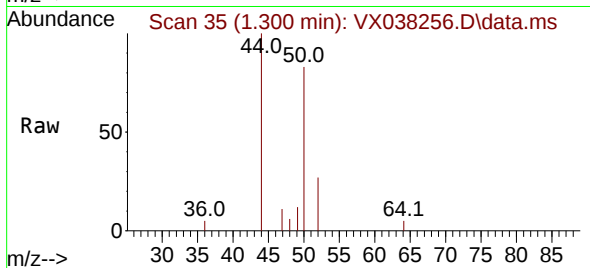
Tgt Ion: 50 Resp: 1349
 Ion Ratio Lower Upper
 50 100
 52 32.9 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.152 ug/l

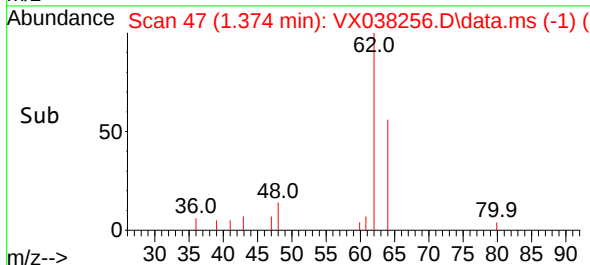
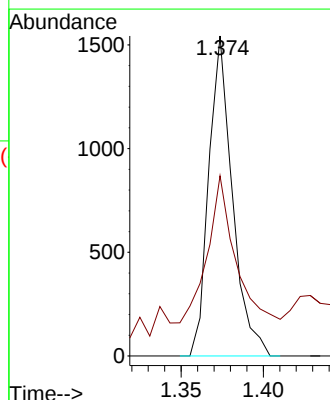
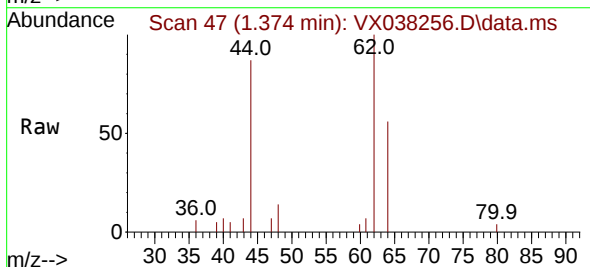
RT: 1.374 min Scan# 47

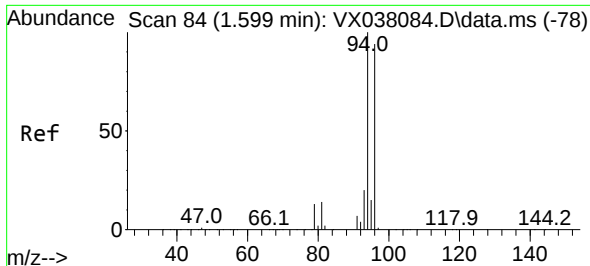
Delta R.T. -0.000 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

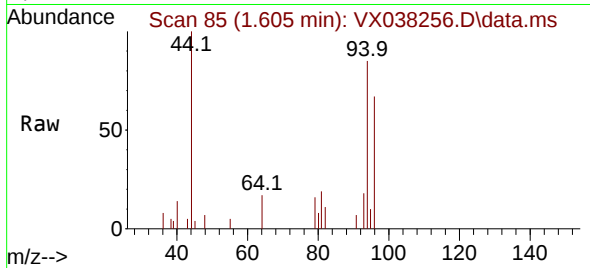
Tgt Ion: 62 Resp: 1540
 Ion Ratio Lower Upper
 62 100
 64 45.9 25.4 38.0#





#5
Bromomethane
Concen: 0.914 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

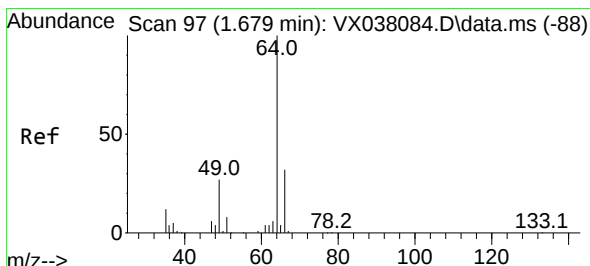
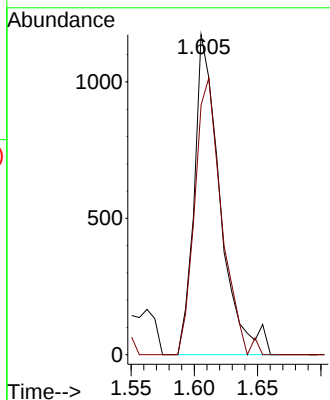
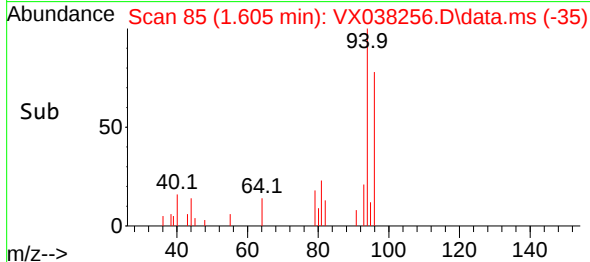
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Tgt Ion: 94 Resp: 1668
Ion Ratio Lower Upper
94 100
96 78.0 74.6 111.8

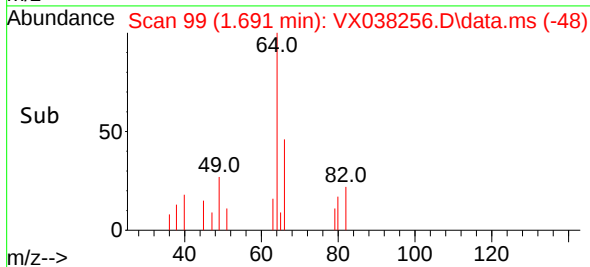
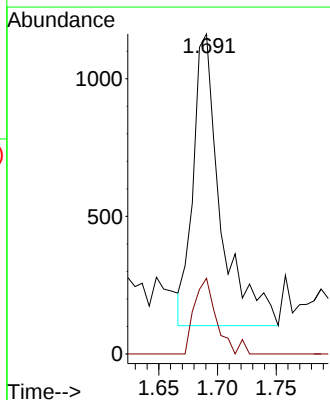
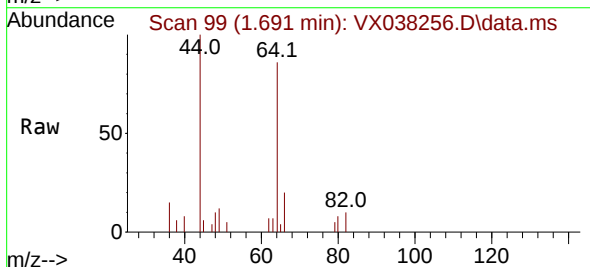
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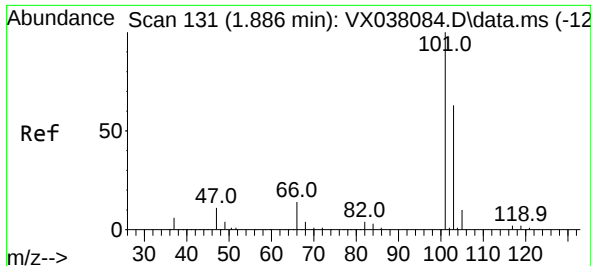
Reviewed By :John Carlone 10/13/2023
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#6
Chloroethane
Concen: 1.461 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

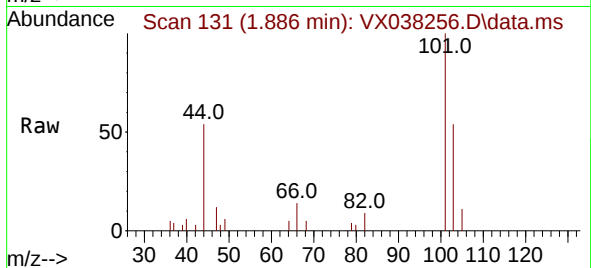
Tgt Ion: 64 Resp: 1731
Ion Ratio Lower Upper
64 100
66 25.9 25.1 37.7





#7
Trichlorofluoromethane
Concen: 1.229 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

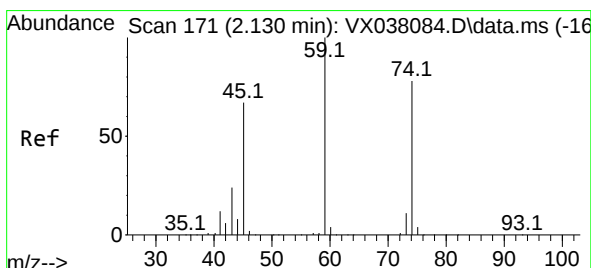
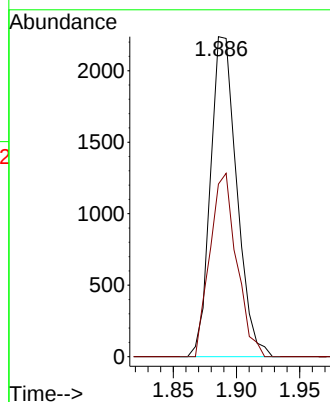
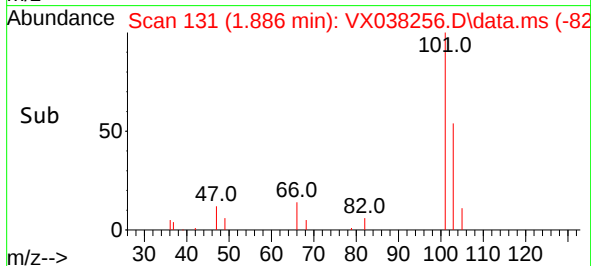
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Tgt Ion:101 Resp: 324
Ion Ratio Lower Upper
101 100
103 54.0 51.4 77.2

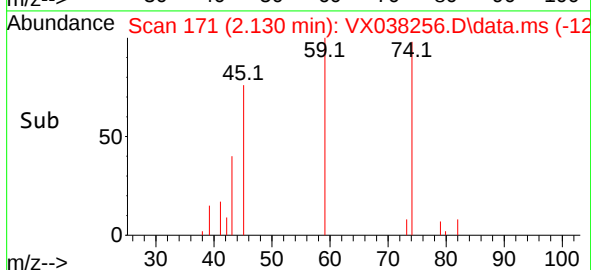
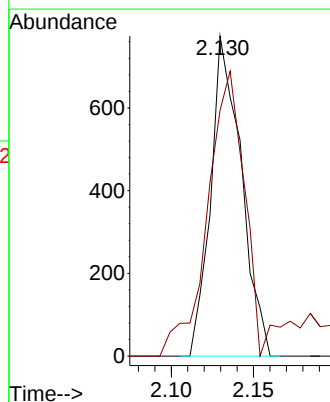
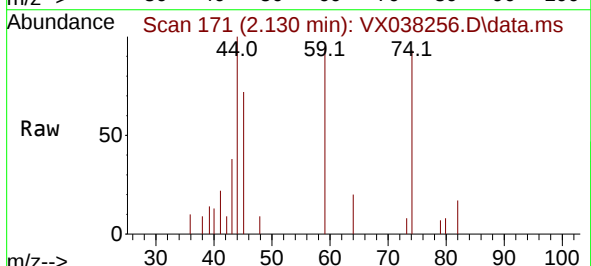
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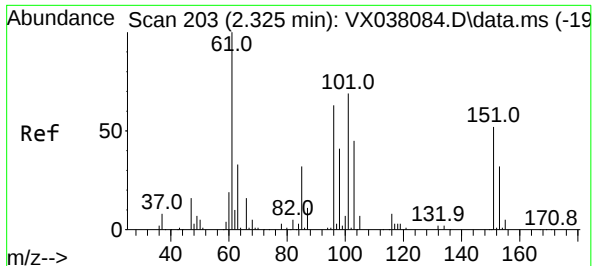
Reviewed By :John Carlone 10/13/2023
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#8
Diethyl Ether
Concen: 1.013 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

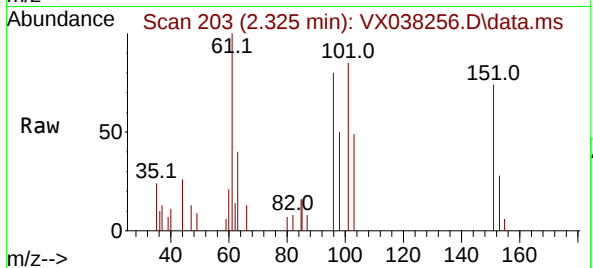
Tgt Ion: 74 Resp: 997
Ion Ratio Lower Upper
74 100
45 111.5 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.068 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

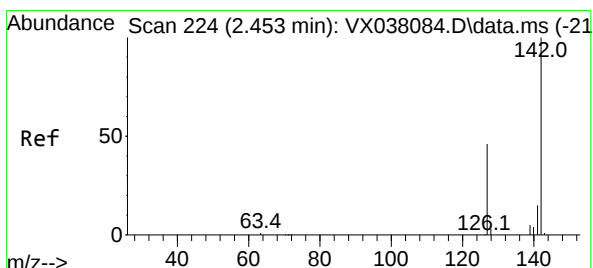
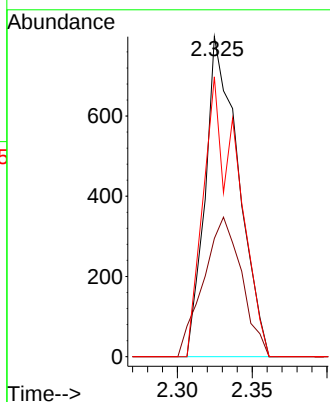
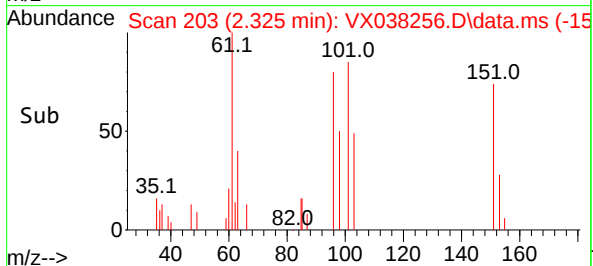
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:101 Resp: 123
Ion Ratio Lower Upper
101 100
85 50.2 37.0 55.6
151 91.6 58.6 87.8

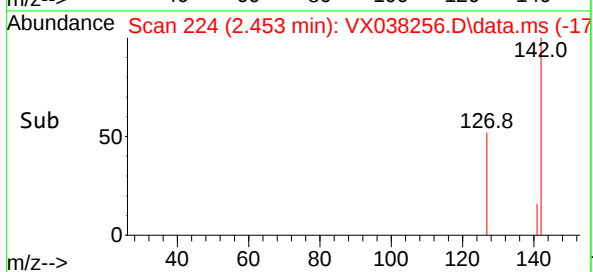
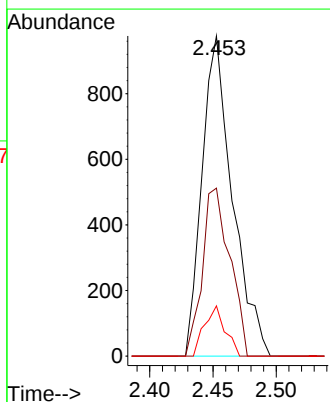
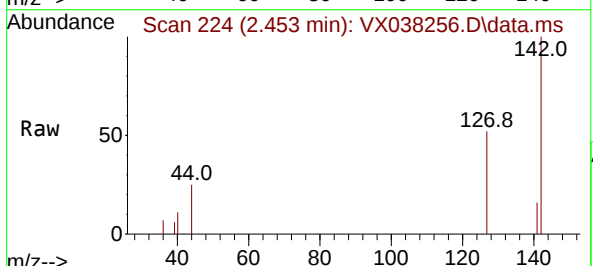
Manual Integrations
APPROVED

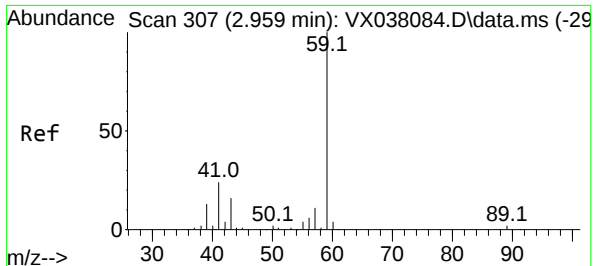
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#10
Methyl Iodide
Concen: 0.983 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Tgt Ion:142 Resp: 1630
Ion Ratio Lower Upper
142 100
127 47.4 41.6 62.4
141 10.7 11.6 17.4





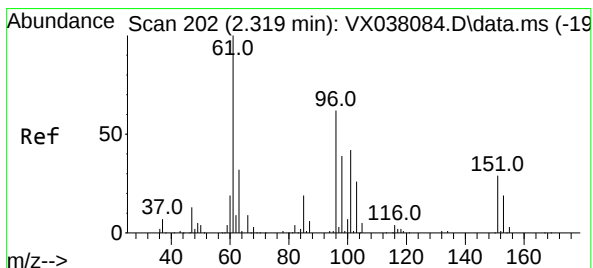
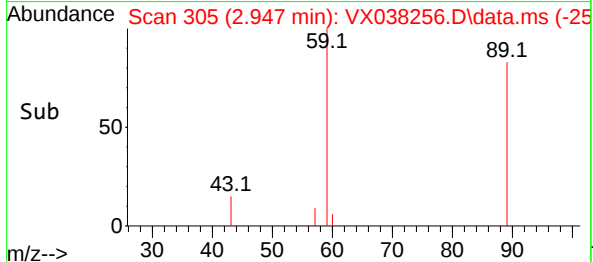
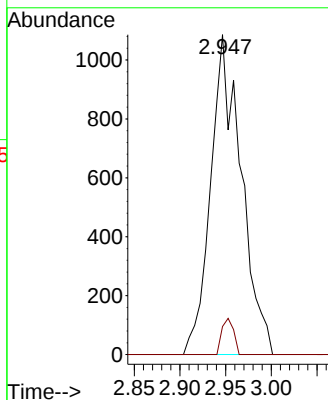
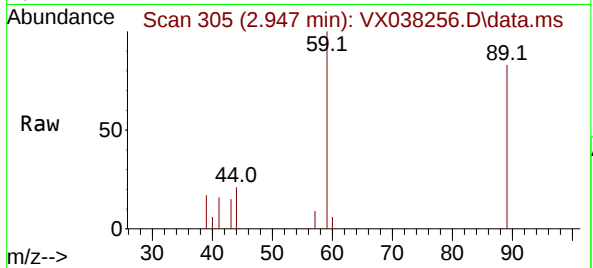
#11
Tert butyl alcohol
Concen: 5.243 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 59 Resp: 2510
Ion Ratio Lower Upper
59 100
57 4.4 6.0 9.0

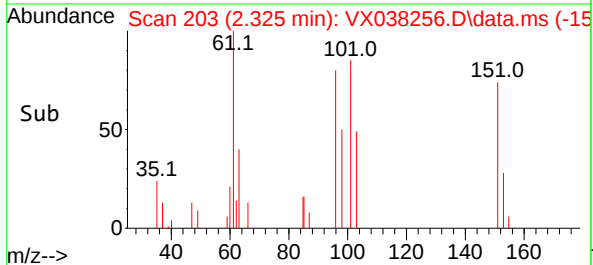
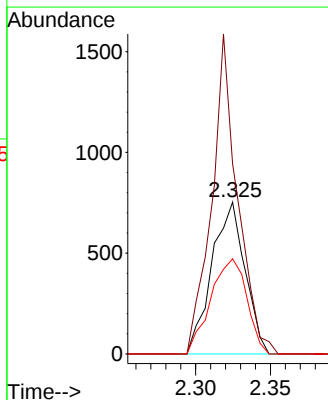
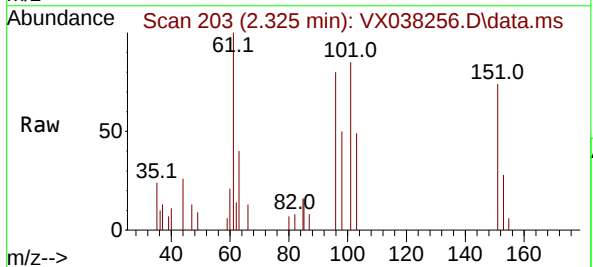
Manual Integrations
APPROVED

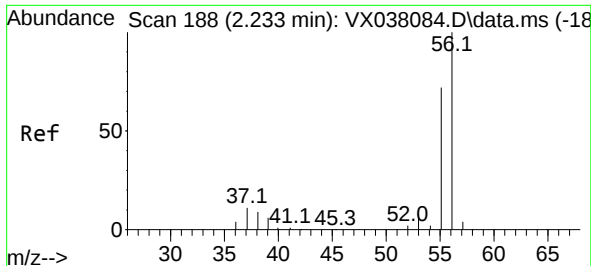
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#12
1,1-Dichloroethene
Concen: 1.032 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Tgt Ion: 96 Resp: 1157
Ion Ratio Lower Upper
96 100
61 125.2 144.6 216.8#
98 62.7 50.4 75.6





#13

Acrolein

Concen: 5.119 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 56 Resp: 1434

Ion Ratio Lower Upper

56 100

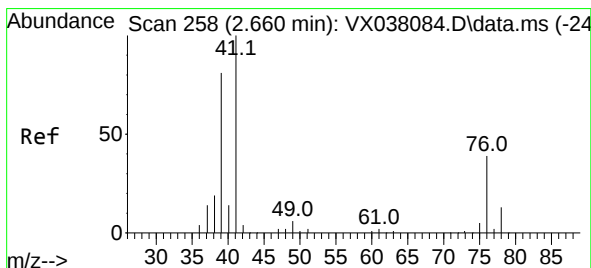
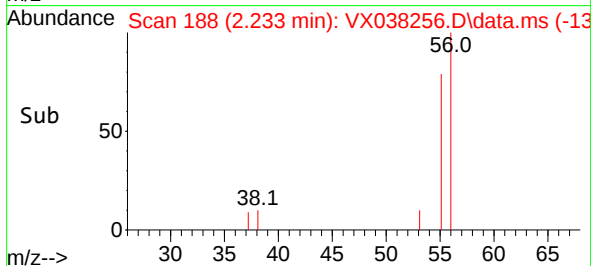
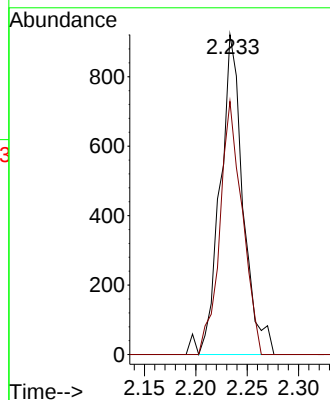
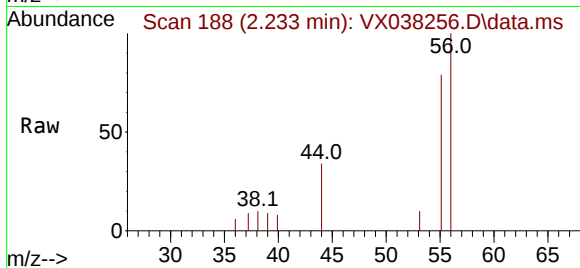
55 77.4 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#14

Allyl chloride

Concen: 0.946 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.006 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

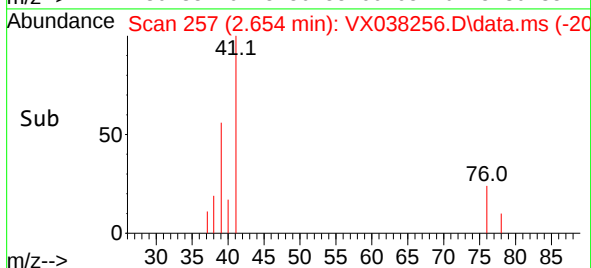
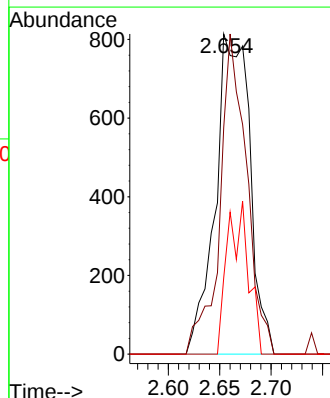
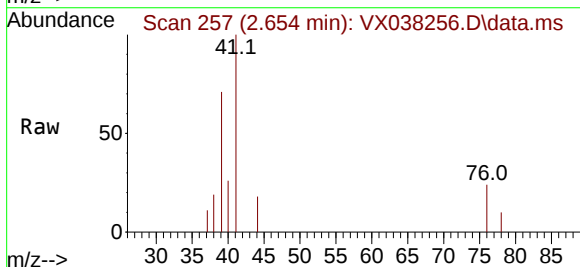
Tgt Ion: 41 Resp: 1897

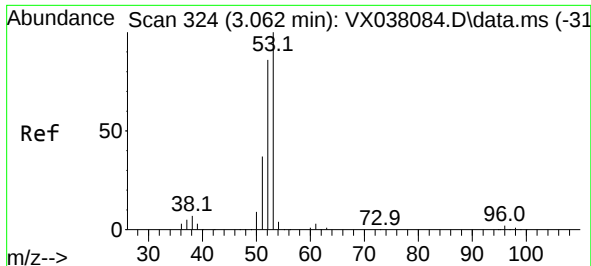
Ion Ratio Lower Upper

41 100

39 77.6 55.8 83.6

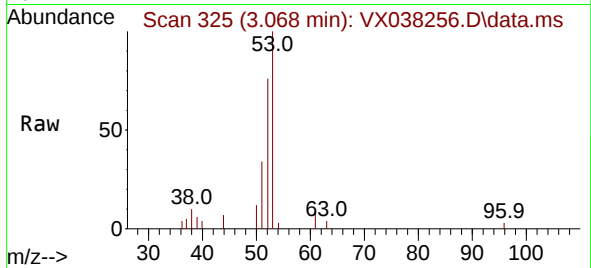
76 29.2 24.3 36.5





#15
Acrylonitrile
Concen: 4.787 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

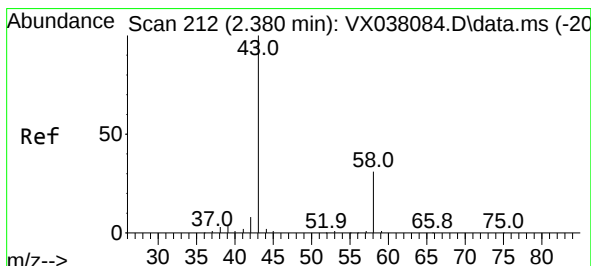
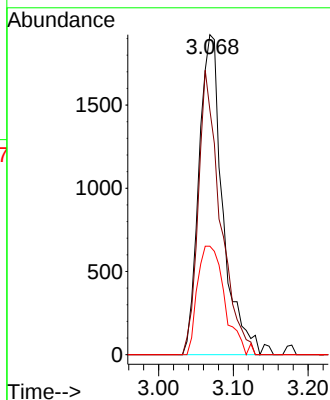
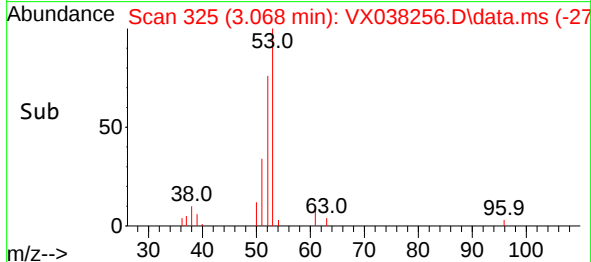
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 53 Resp: 429
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 38.4 29.8 44.6

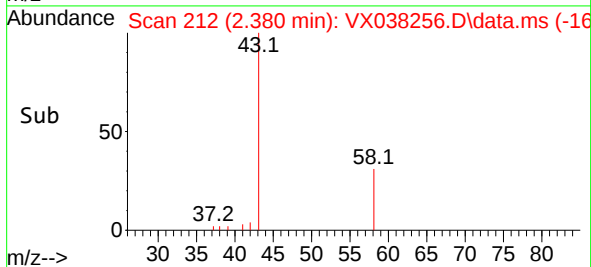
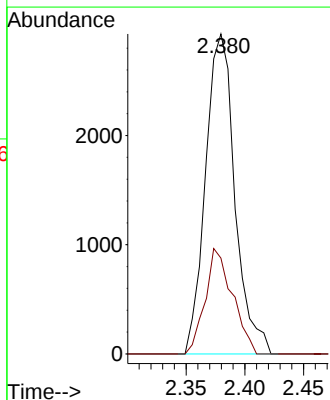
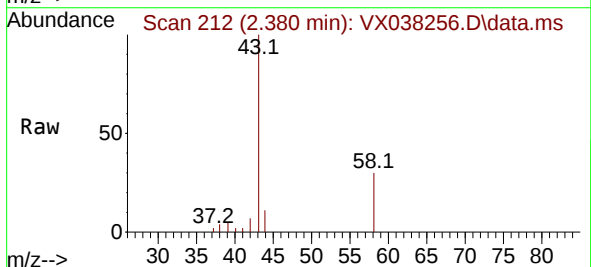
Manual Integrations
APPROVED

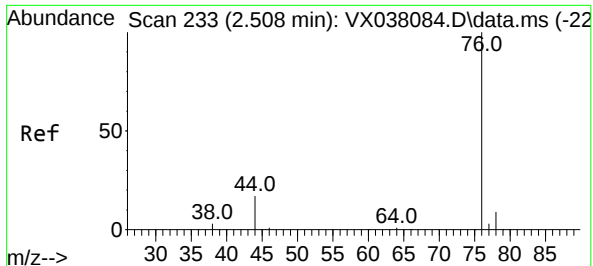
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#16
Acetone
Concen: 6.204 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

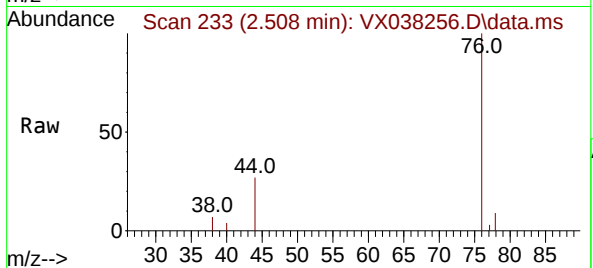
Tgt Ion: 43 Resp: 5102
Ion Ratio Lower Upper
43 100
58 29.9 21.9 32.9





#17
Carbon Disulfide
Concen: 0.912 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

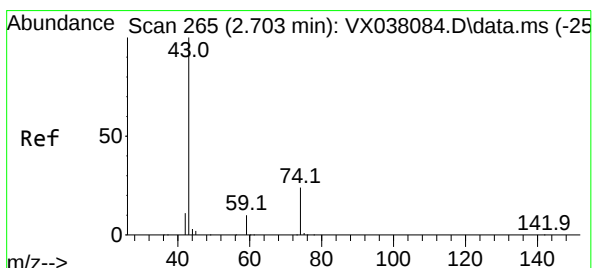
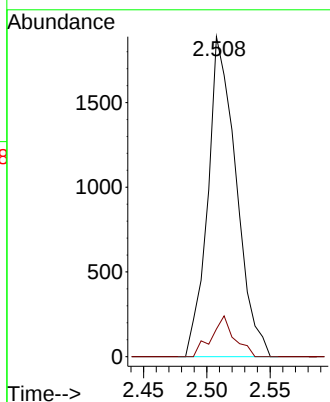
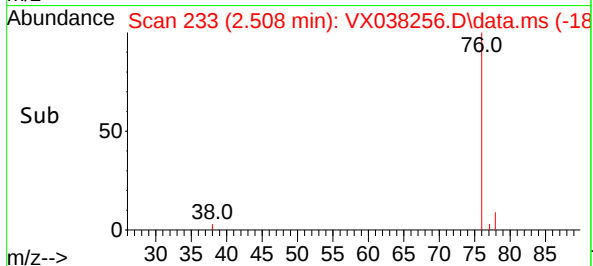
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 76 Resp: 2945
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

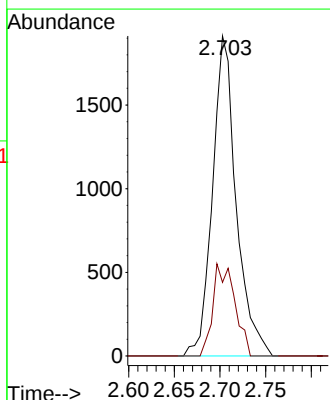
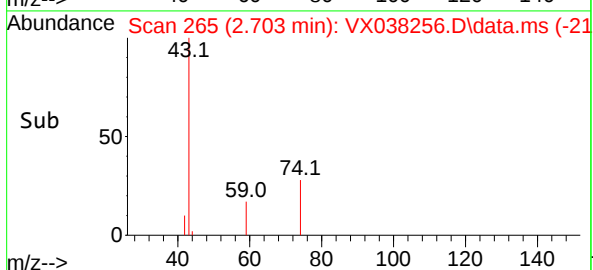
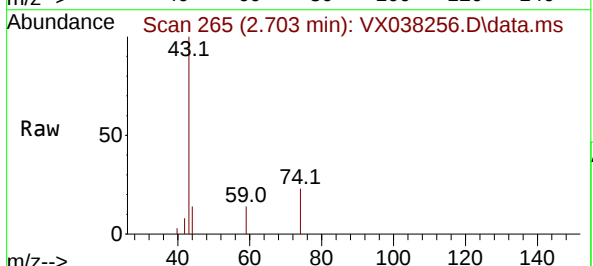
Manual Integrations
APPROVED

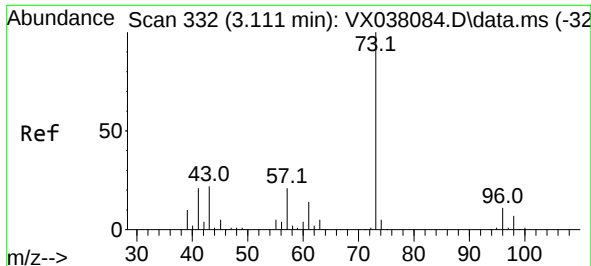
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#18
Methyl Acetate
Concen: 0.978 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Tgt Ion: 43 Resp: 3450
Ion Ratio Lower Upper
43 100
74 26.6 17.8 26.8





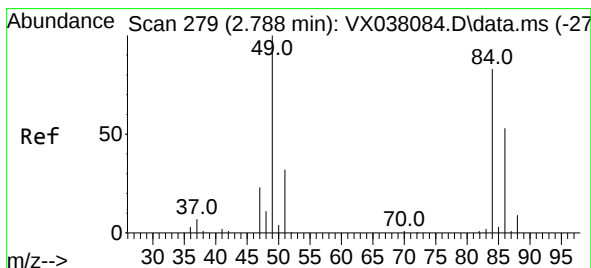
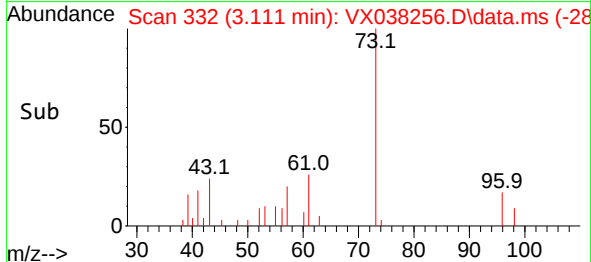
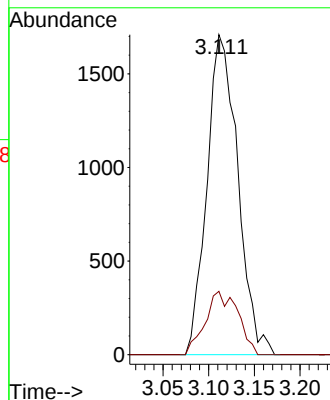
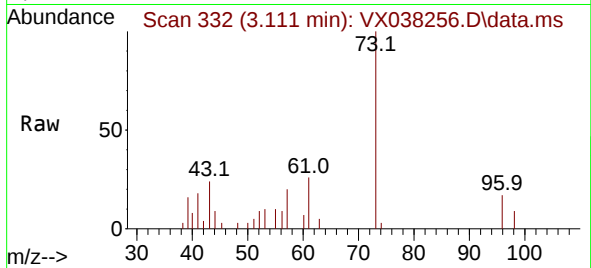
#19
Methyl tert-butyl Ether
Concen: 0.900 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 73 Resp: 4010
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9

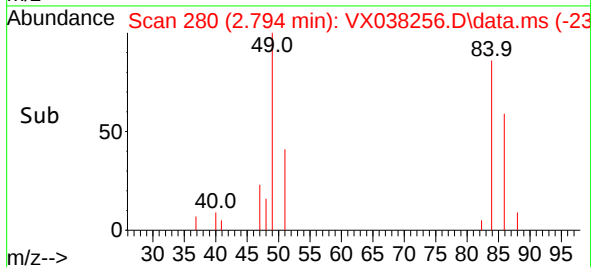
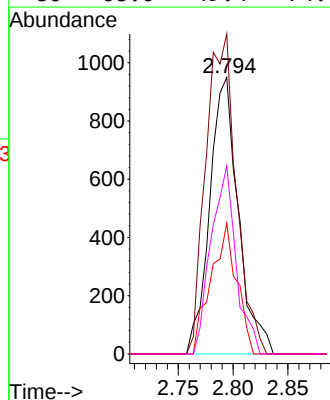
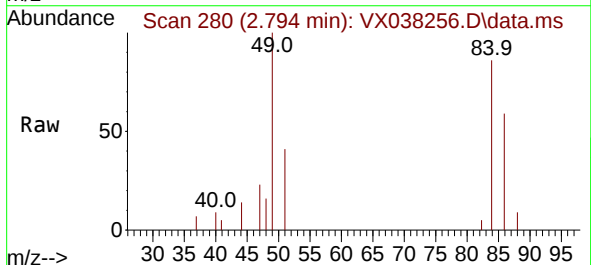
Manual Integrations
APPROVED

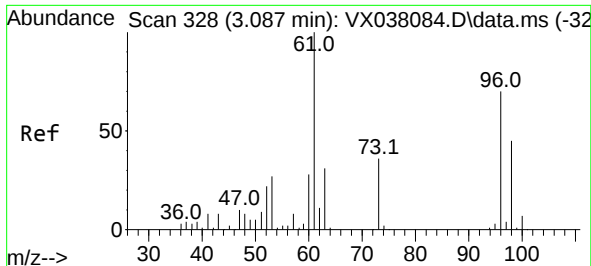
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#20
Methylene Chloride
Concen: 1.117 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

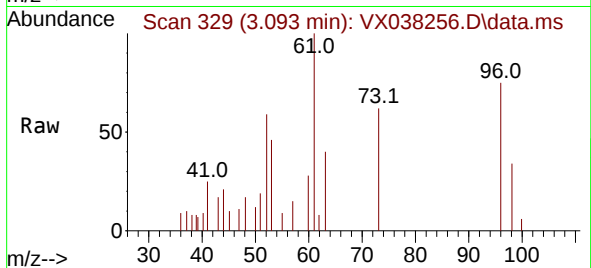
Tgt Ion: 84 Resp: 1728
Ion Ratio Lower Upper
84 100
49 115.7 103.6 155.4
51 47.3 33.8 50.6
86 68.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 0.950 ug/l
RT: 3.093 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

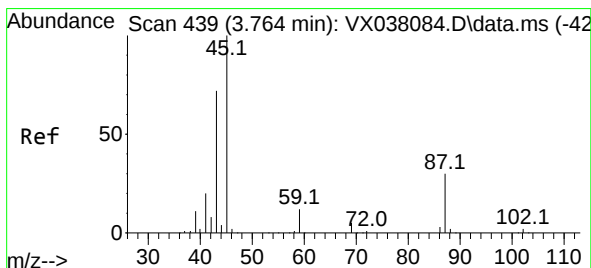
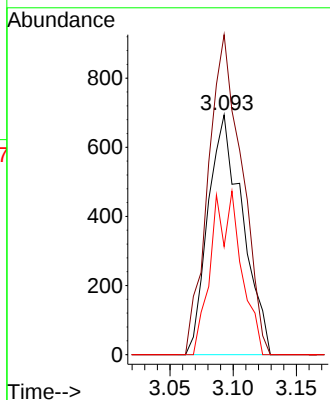
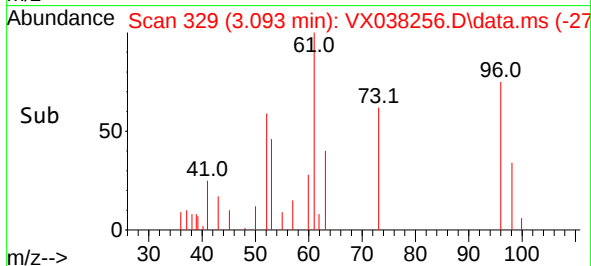
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



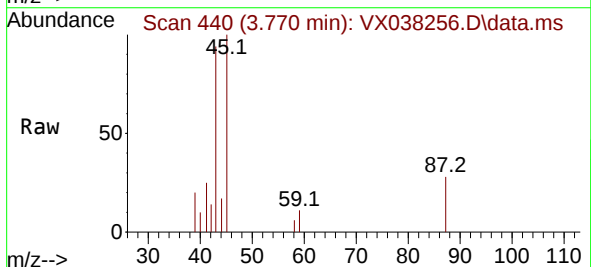
Tgt Ion: 96 Resp: 1318
Ion Ratio Lower Upper
96 100
61 133.4 119.2 178.8
98 45.1 48.7 73.1

Manual Integrations
APPROVED

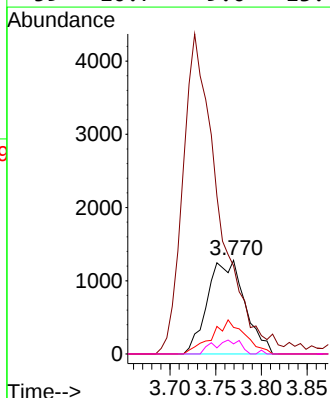
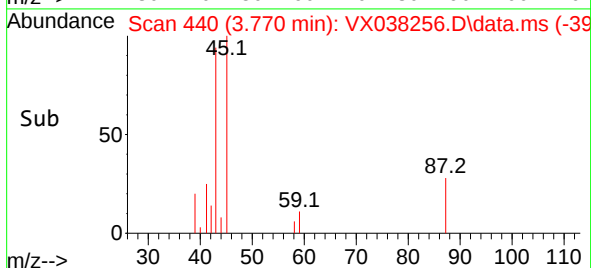
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

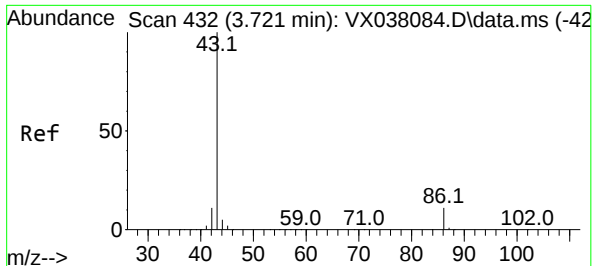


#22
Diisopropyl ether
Concen: 0.864 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03



Tgt Ion: 45 Resp: 3629
Ion Ratio Lower Upper
45 100
43 84.4 69.7 104.5
87 28.3 20.8 31.2
59 10.7 9.0 13.4





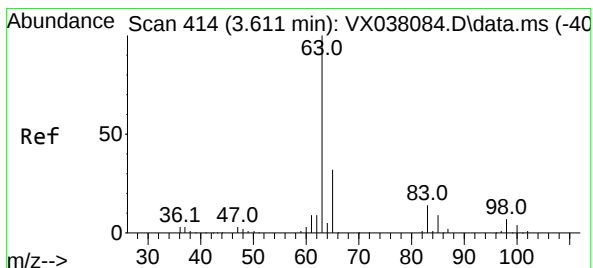
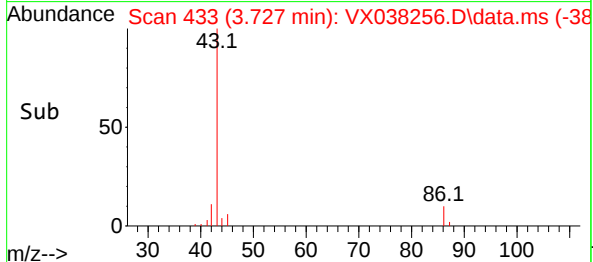
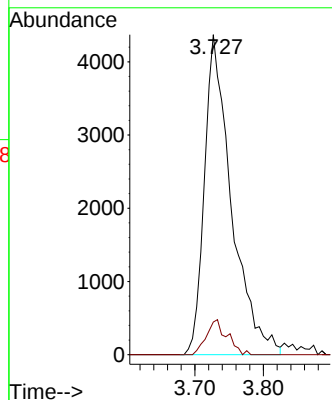
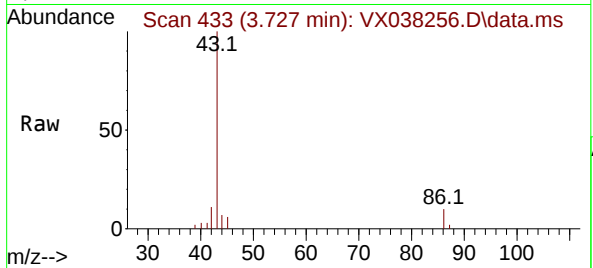
#23
 Vinyl Acetate
 Concen: 3.890 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX038256.D
 Acq: 12 Oct 2023 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 1198
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8

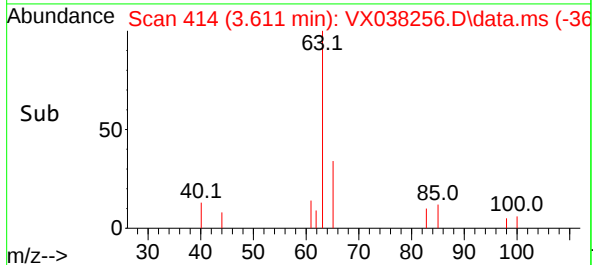
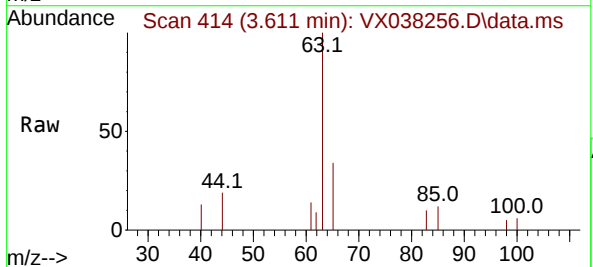
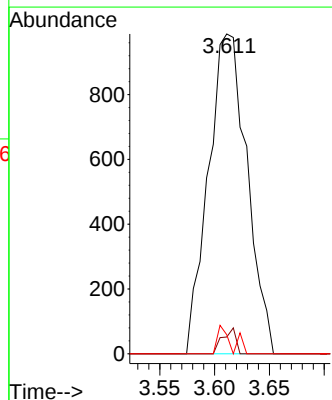
Manual Integrations
 APPROVED

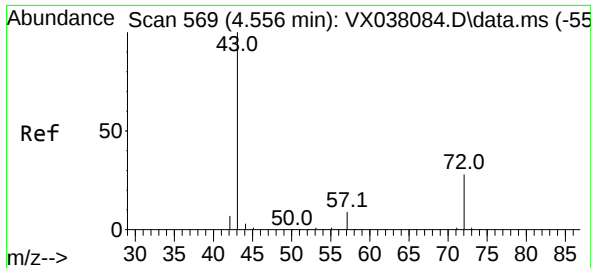
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#24
 1,1-Dichloroethane
 Concen: 0.949 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038256.D
 Acq: 12 Oct 2023 15:03

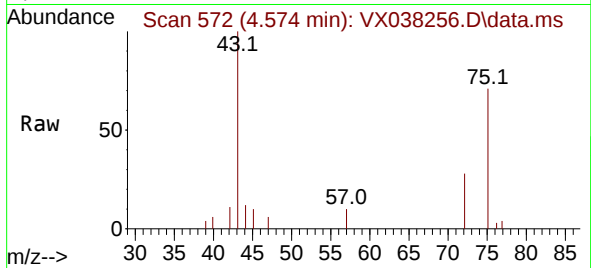
Tgt Ion: 63 Resp: 2421
 Ion Ratio Lower Upper
 63 100
 98 5.3 3.3 9.8
 100 6.0 2.1 6.5





#25
2-Butanone
Concen: 4.701 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

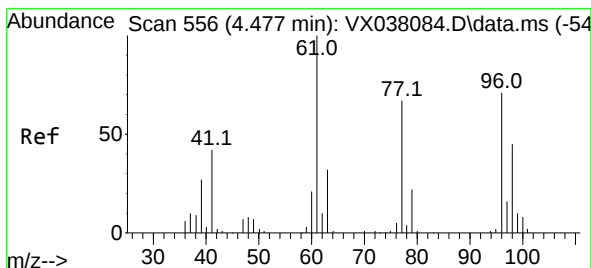
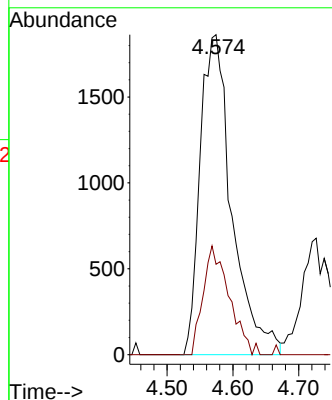
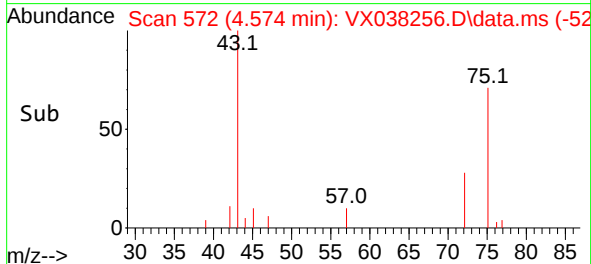
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 43 Resp: 6238
Ion Ratio Lower Upper
43 100
72 28.2 19.4 29.2

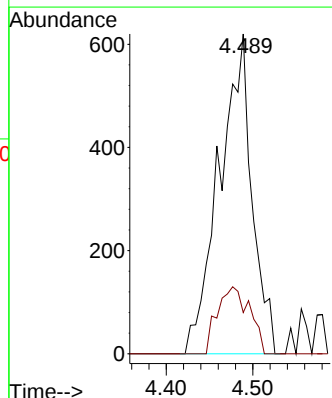
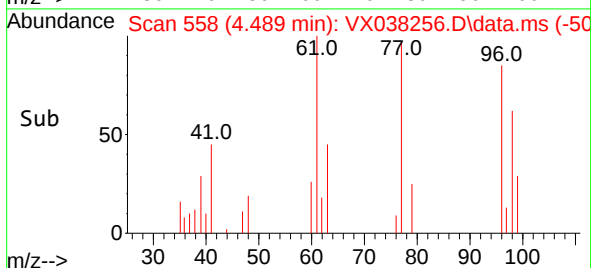
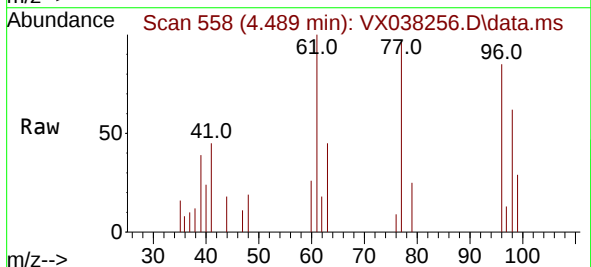
Manual Integrations
APPROVED

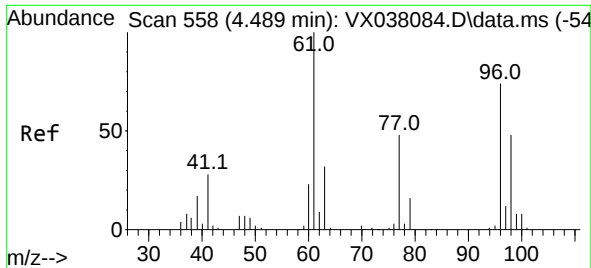
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#26
2,2-Dichloropropane
Concen: 0.815 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.012 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Tgt Ion: 77 Resp: 1623
Ion Ratio Lower Upper
77 100
97 20.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.941 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

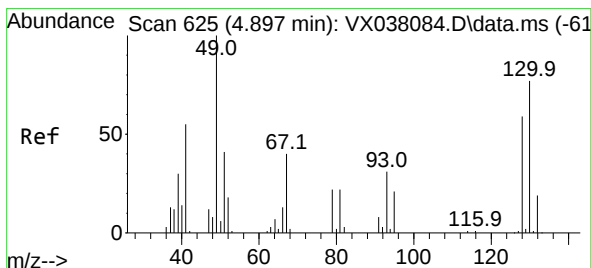
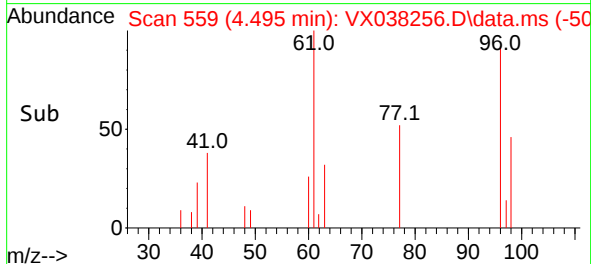
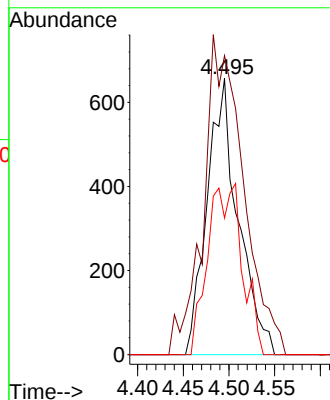
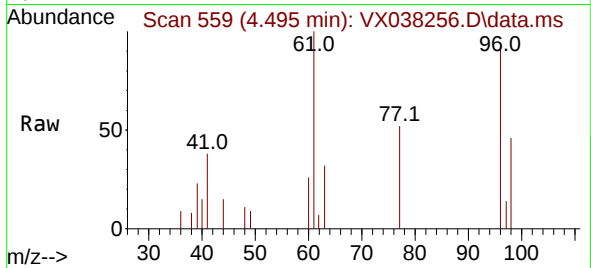
Tgt Ion: 96	Resp: 1550
Ion Ratio	Lower Upper
96 100	
61 0.0	0.0 312.2
98 69.0	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#28

Bromochloromethane

Concen: 0.938 ug/l

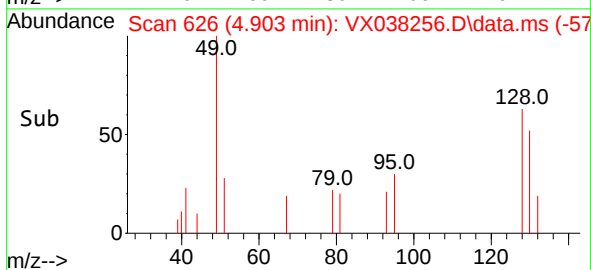
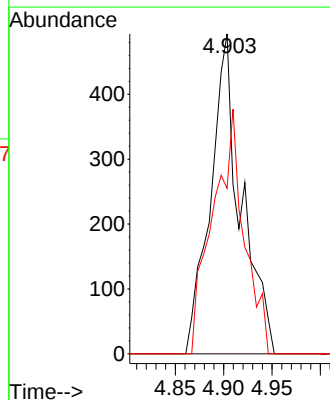
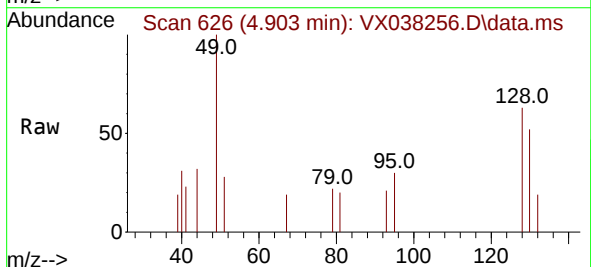
RT: 4.903 min Scan# 626

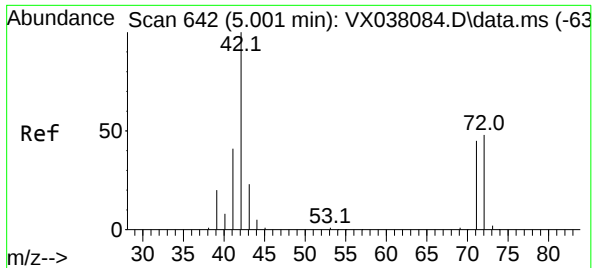
Delta R.T. 0.006 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Tgt Ion: 49	Resp: 1080
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 78.2	57.5 86.3





#29

Tetrahydrofuran

Concen: 4.372 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

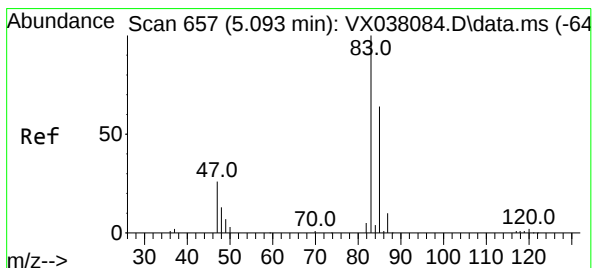
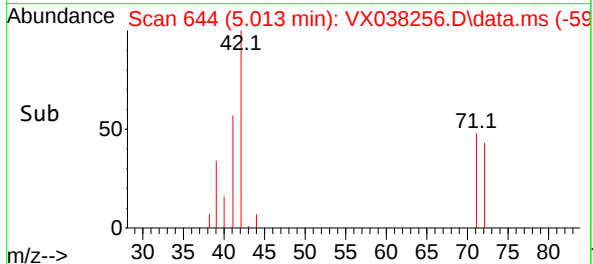
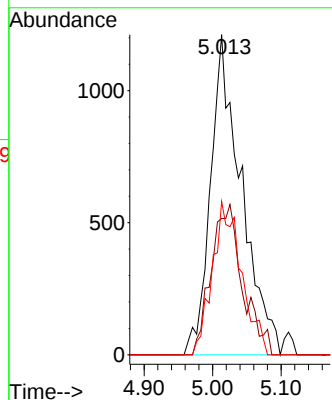
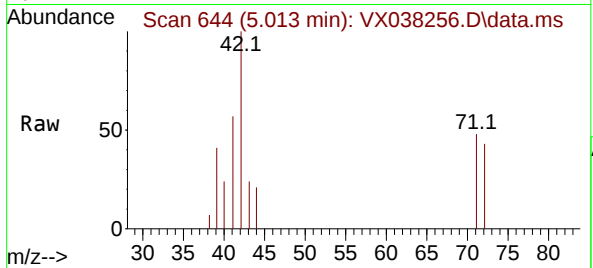
Tgt Ion:	42	Resp:	377
Ion Ratio	Lower	Upper	
42	100		
72	47.7	34.2	51.4
71	45.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#30

Chloroform

Concen: 0.986 ug/l

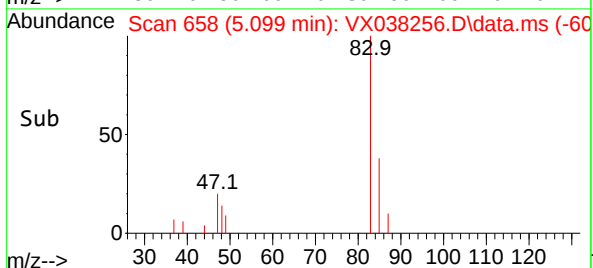
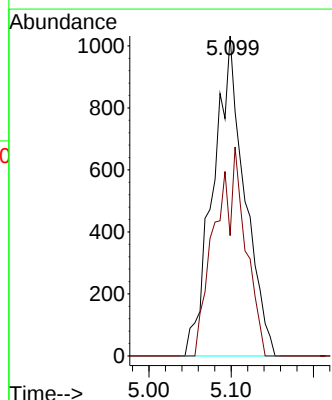
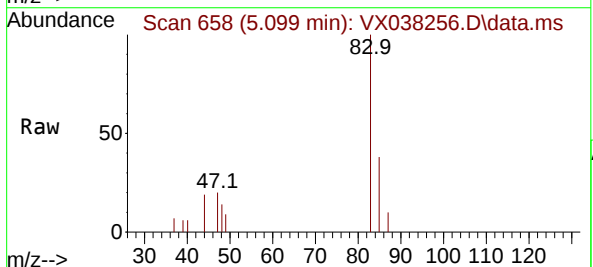
RT: 5.099 min Scan# 658

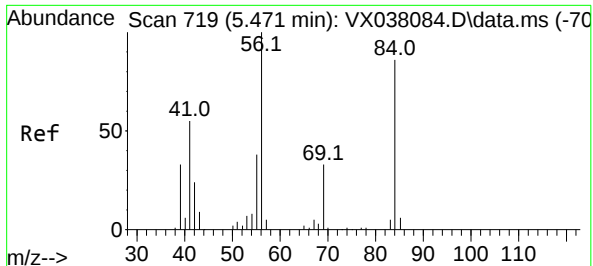
Delta R.T. 0.006 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

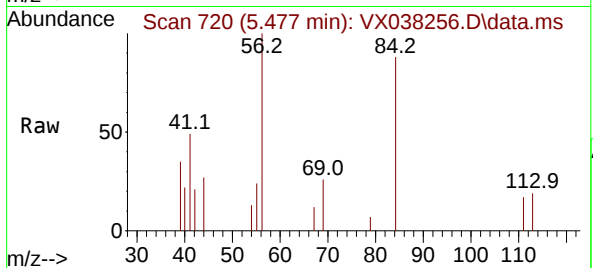
Tgt Ion:	83	Resp:	2750
Ion Ratio	Lower	Upper	
83	100		
85	37.6	50.3	75.5





#31
Cyclohexane
Concen: 0.913 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

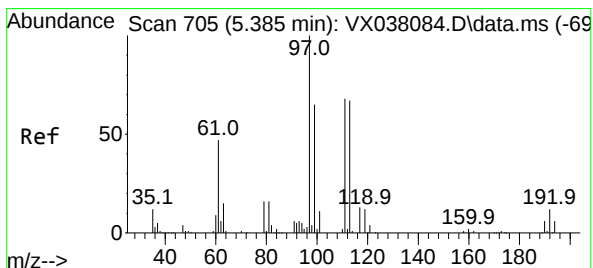
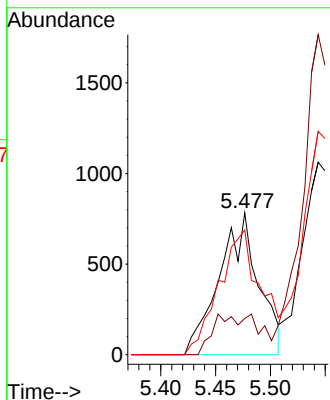
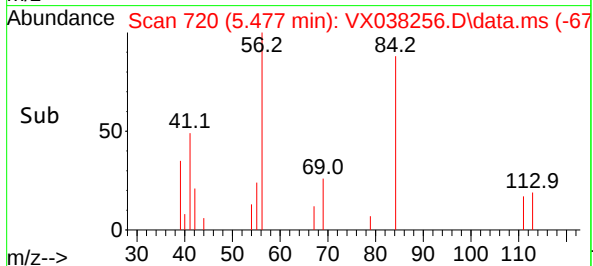
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 56 Resp: 1949
Ion Ratio Lower Upper
56 100
69 25.5 23.4 35.2
84 87.9 65.9 98.9

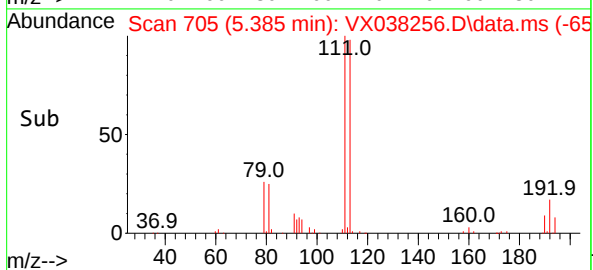
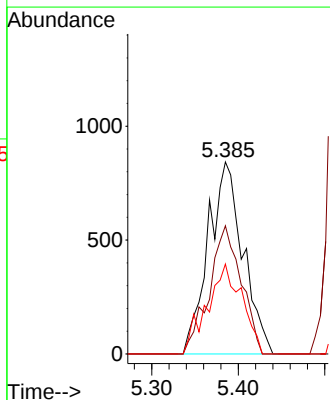
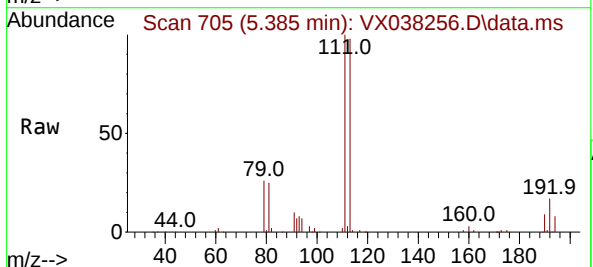
Manual Integrations
APPROVED

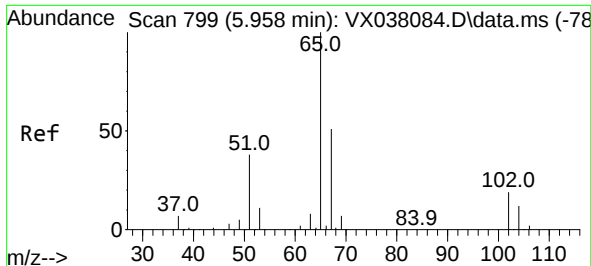
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#32
1,1,1-Trichloroethane
Concen: 0.986 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Tgt Ion: 97 Resp: 2355
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 46.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.635 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 65 Resp: 93864

Ion Ratio Lower Upper

65 100

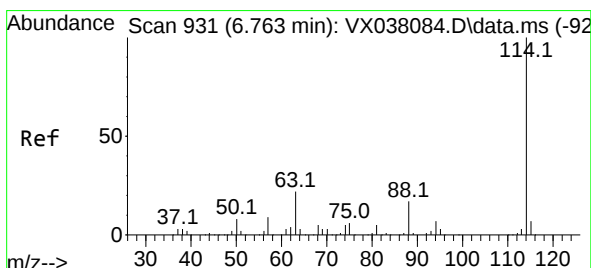
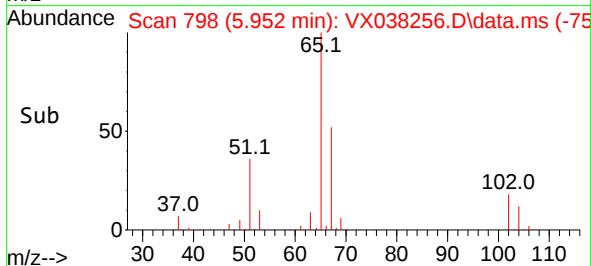
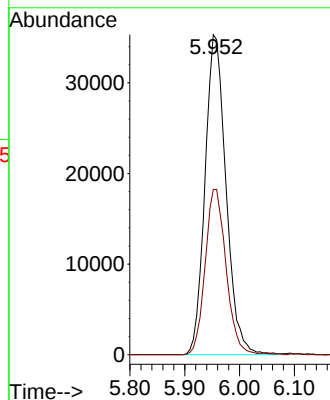
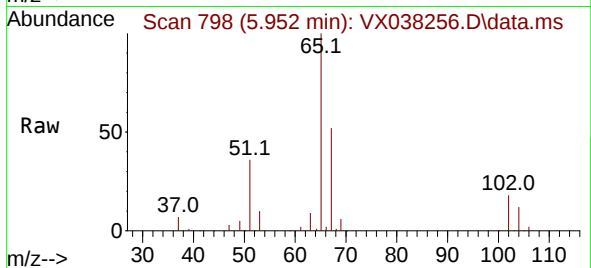
67 51.5 0.0 100.2

Manual Integrations

APPROVED

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: VX038256.D

Acq: 12 Oct 2023 15:03

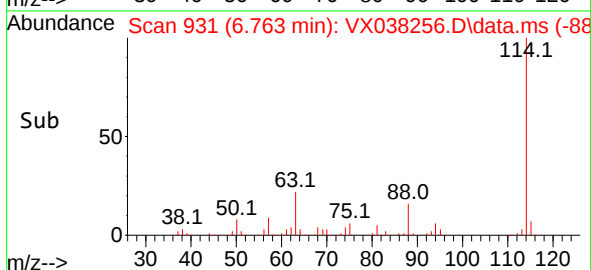
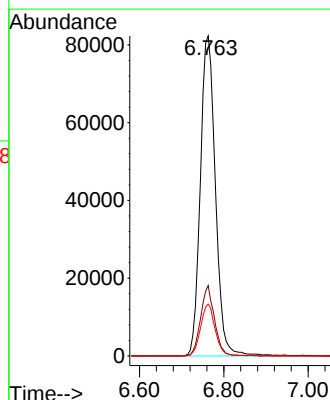
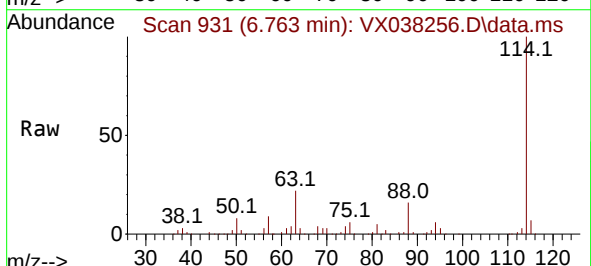
Tgt Ion:114 Resp: 205235

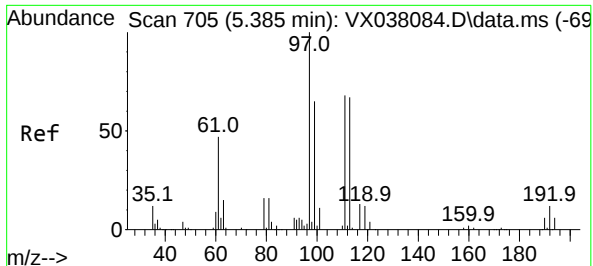
Ion Ratio Lower Upper

114 100

63 22.0 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.752 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

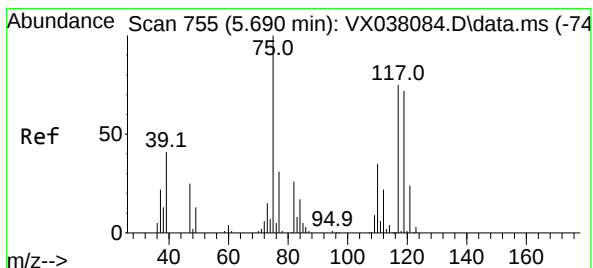
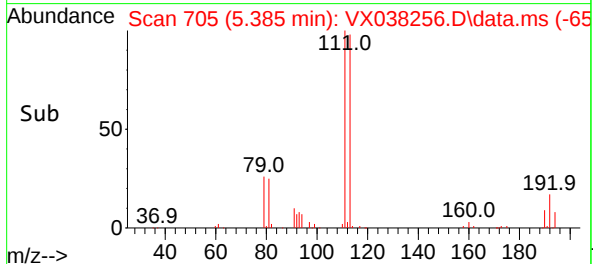
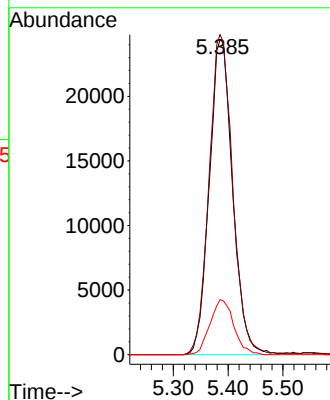
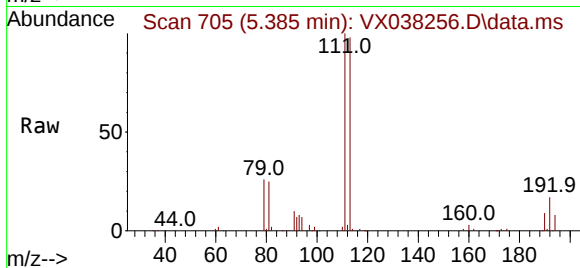
Tgt Ion:	113	Resp:	7209
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	17.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#36

1,1-Dichloropropene

Concen: 1.037 ug/l

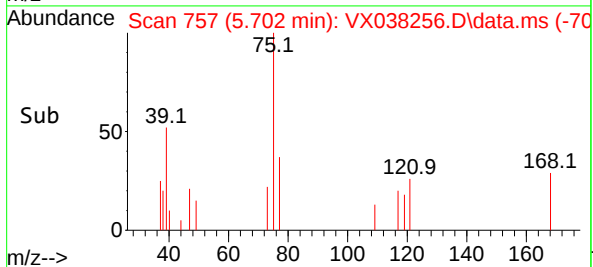
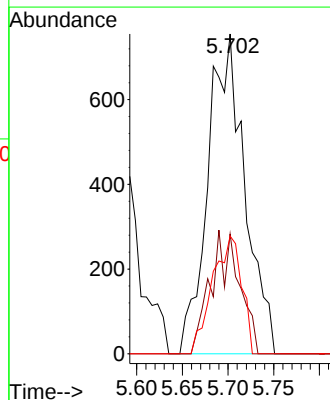
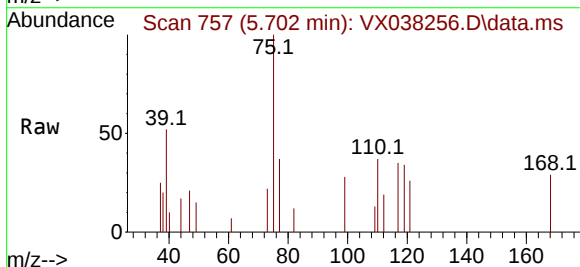
RT: 5.702 min Scan# 757

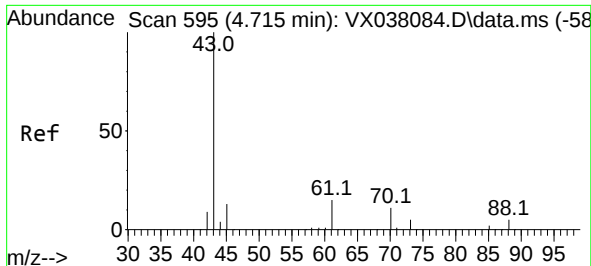
Delta R.T. 0.012 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Tgt Ion:	75	Resp:	2114
Ion	Ratio	Lower	Upper
75	100		
110	30.1	17.0	50.9
77	29.2	24.7	37.1





#37

Ethyl Acetate

Concen: 0.912 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 2209

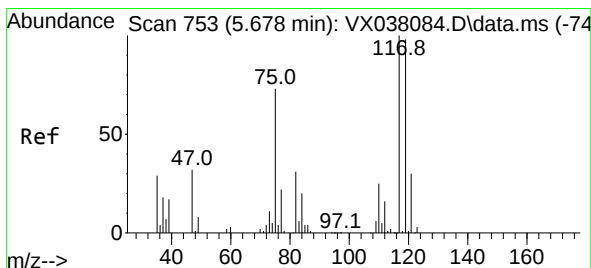
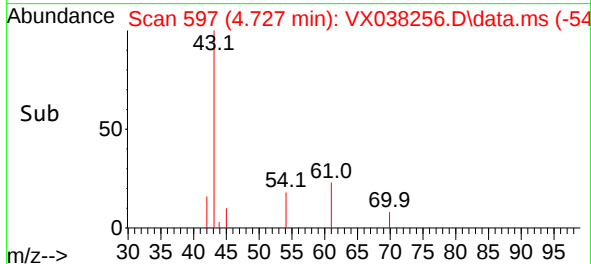
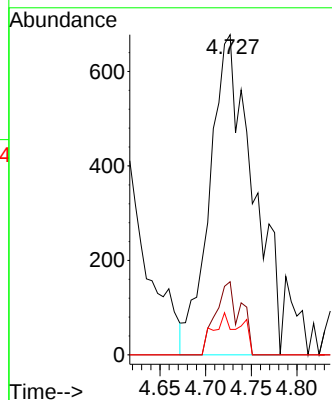
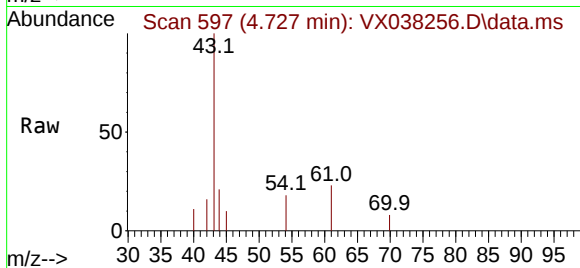
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	16.0
70	8.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#38

Carbon Tetrachloride

Concen: 0.973 ug/l

RT: 5.678 min Scan# 753

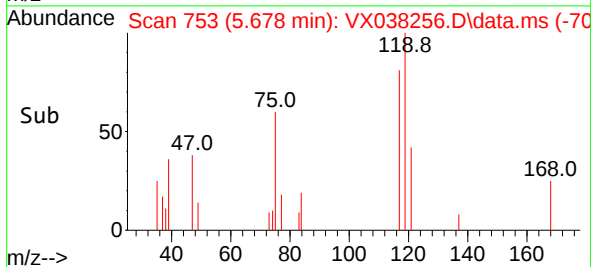
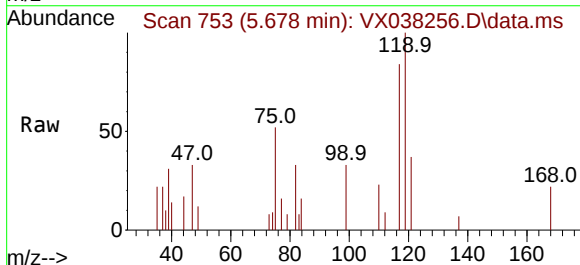
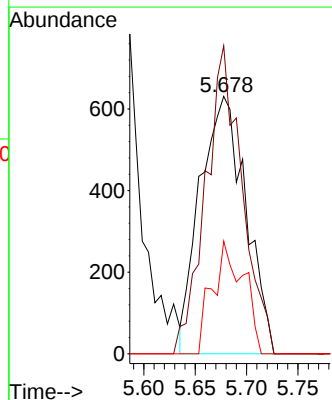
Delta R.T. -0.000 min

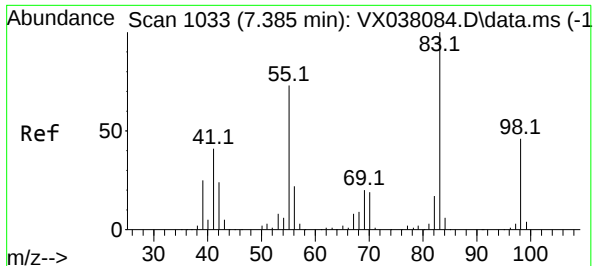
Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Tgt Ion:117 Resp: 1951

Ion	Ratio	Lower	Upper
117	100		
119	119.7	78.2	117.2#
121	43.7	24.4	36.6#





#39

Methylcyclohexane

Concen: 0.972 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

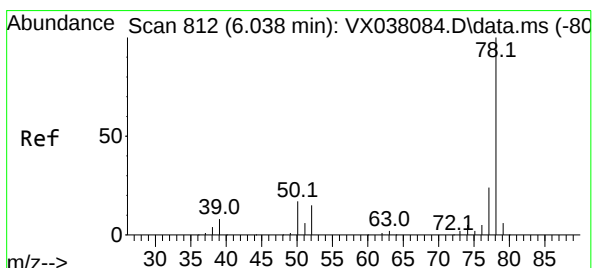
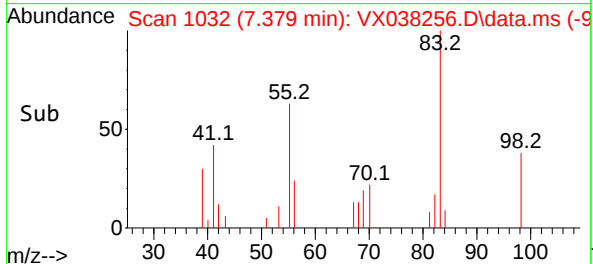
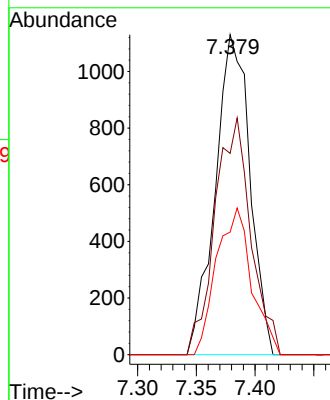
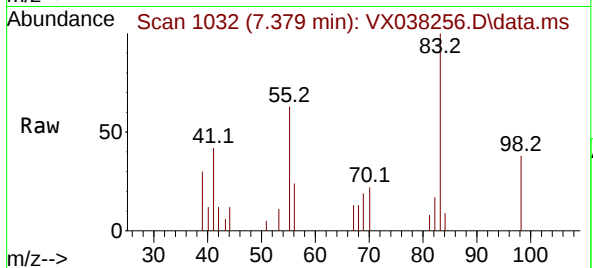
Tgt Ion: 83	Resp: 232
Ion Ratio	Lower Upper
83 100	
55 62.9	64.6 97.0
98 38.3	36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#40

Benzene

Concen: 0.992 ug/l

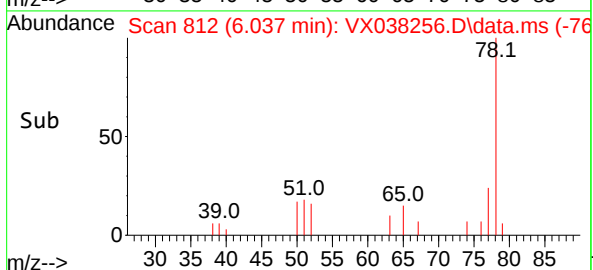
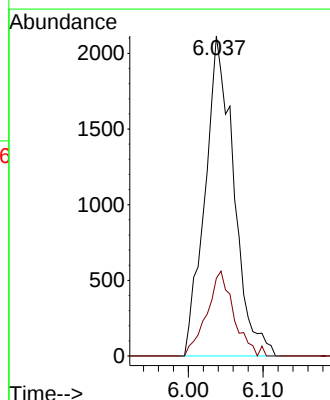
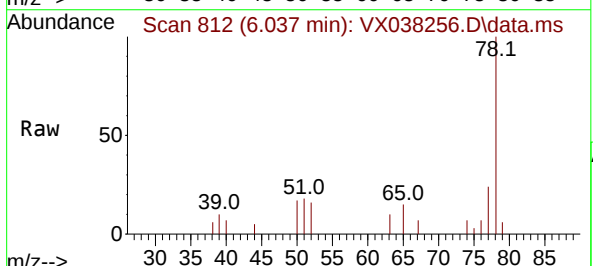
RT: 6.037 min Scan# 812

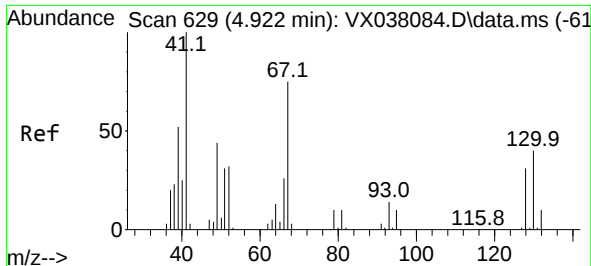
Delta R.T. -0.001 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

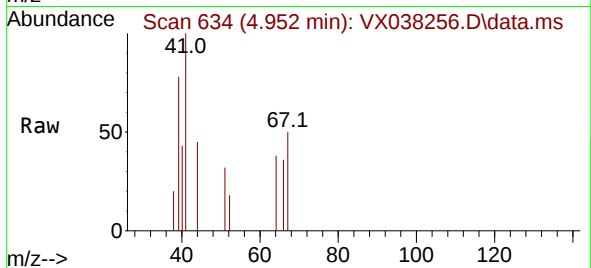
Tgt Ion: 78	Resp: 5660
Ion Ratio	Lower Upper
78 100	
77 24.3	19.3 28.9





#41
Methacrylonitrile
Concen: 0.799 ug/l m
RT: 4.952 min Scan# 61
Delta R.T. 0.030 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

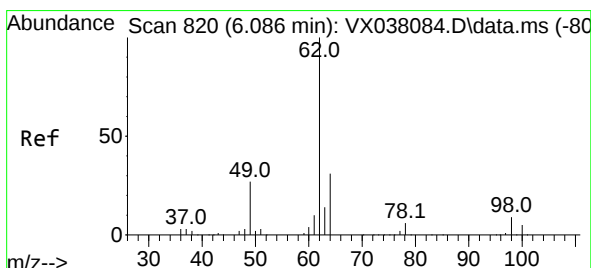
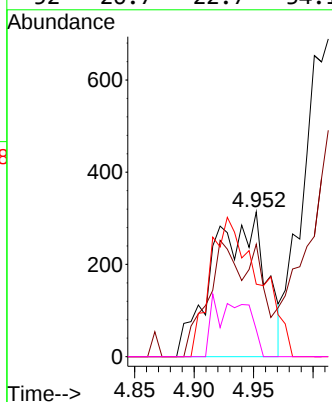
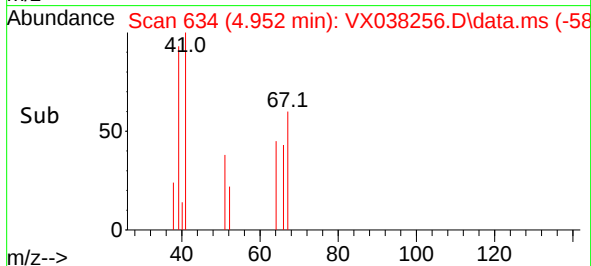
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 41	Resp: 96
Ion Ratio	Lower Upper
41	100
39	48.0 45.2 67.8
67	89.2 52.6 78.8
52	26.7 22.7 34.1

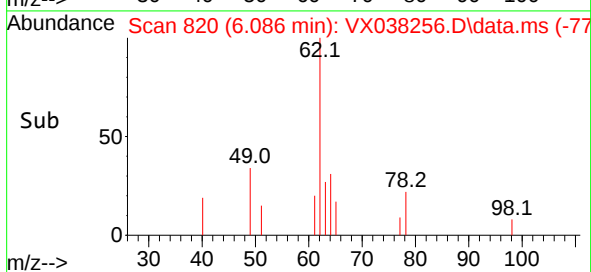
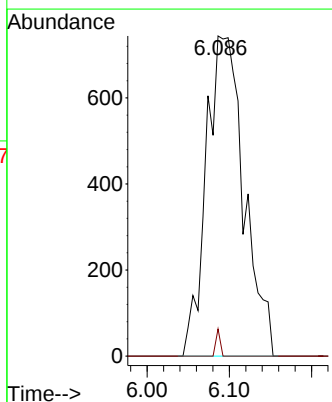
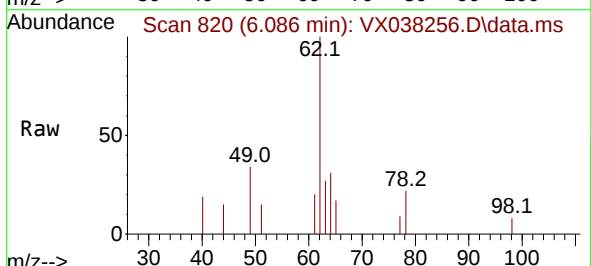
Manual Integrations
APPROVED

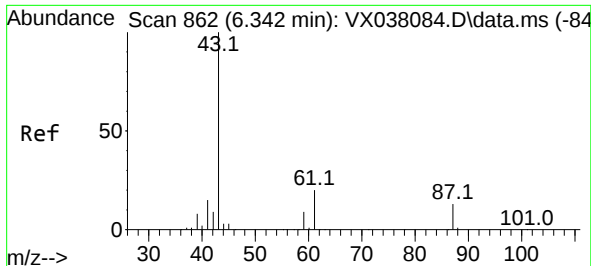
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#42
1,2-Dichloroethane
Concen: 1.043 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

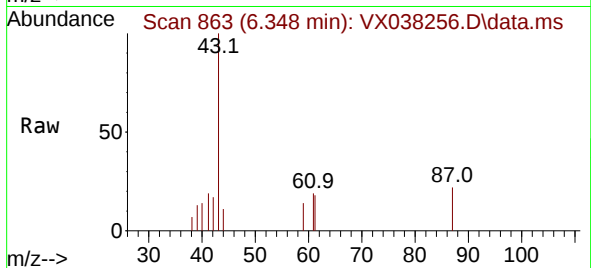
Tgt Ion: 62	Resp: 2378
Ion Ratio	Lower Upper
62	100
98	1.0 0.0 16.0





#43
Isopropyl Acetate
Concen: 0.832 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

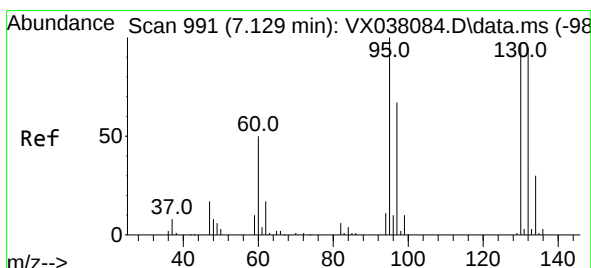
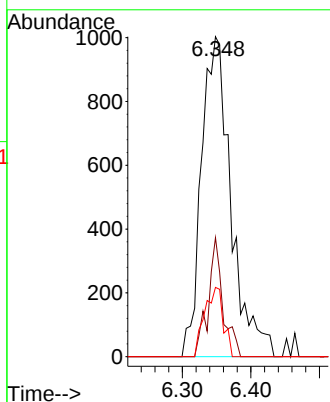
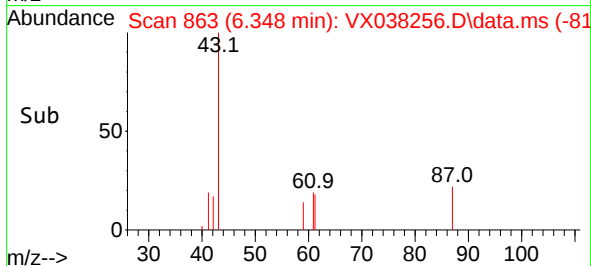
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



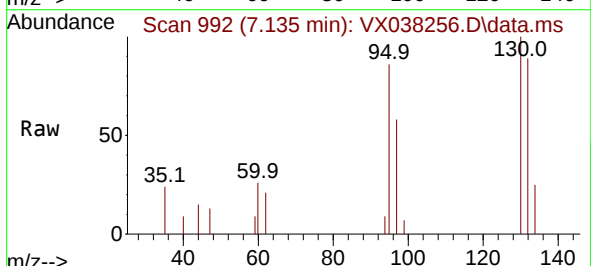
Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 13.8 9.8 14.6

Manual Integrations
APPROVED

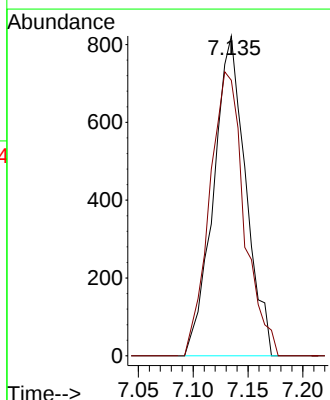
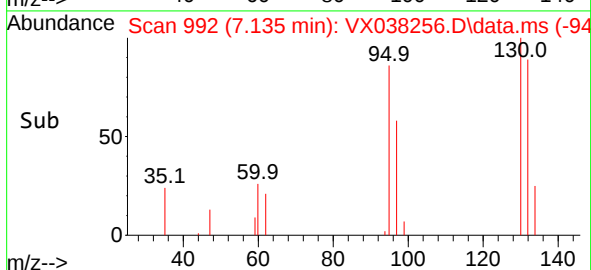
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

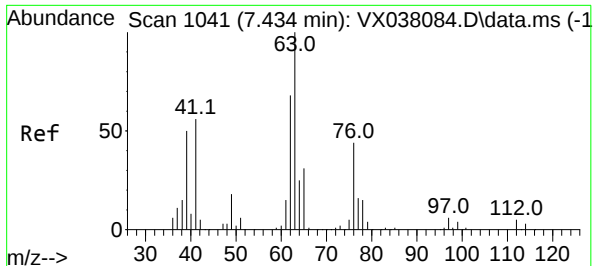


#44
Trichloroethene
Concen: 1.124 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03



Tgt Ion:130 Resp: 1677
Ion Ratio Lower Upper
130 100
95 86.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 1.043 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

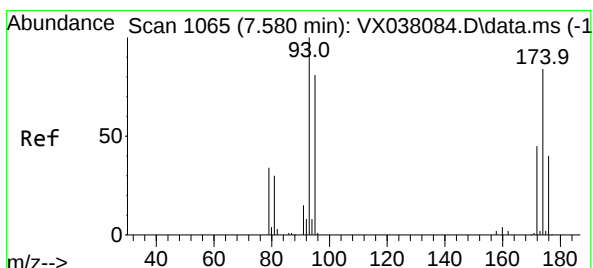
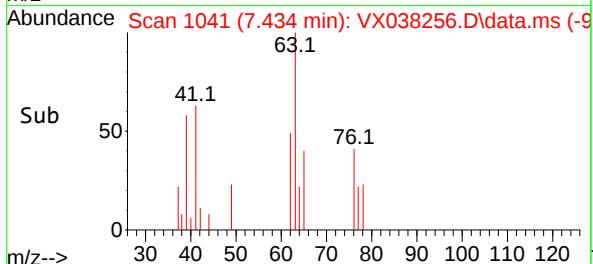
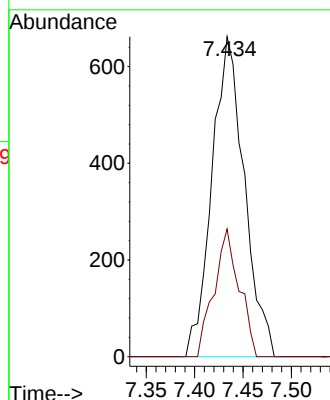
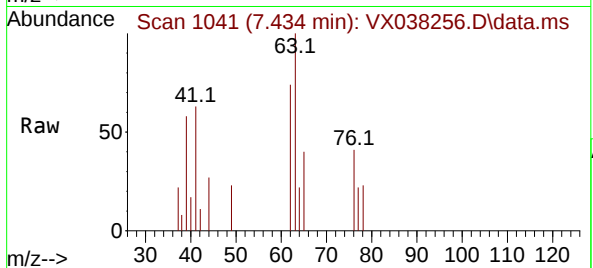
Tgt Ion: 63 Resp: 1539
 Ion Ratio Lower Upper
 63 100
 65 39.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#46

Dibromomethane

Concen: 0.910 ug/l

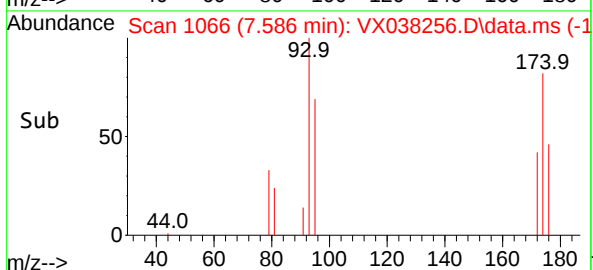
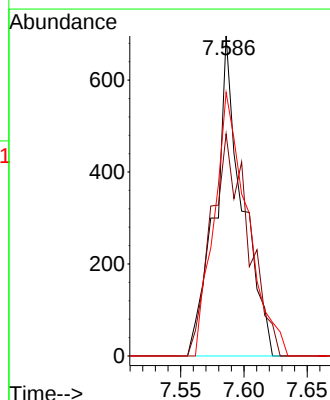
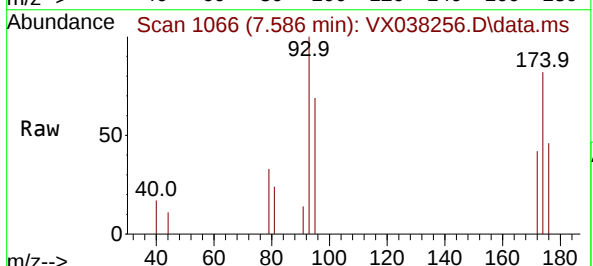
RT: 7.586 min Scan# 1066

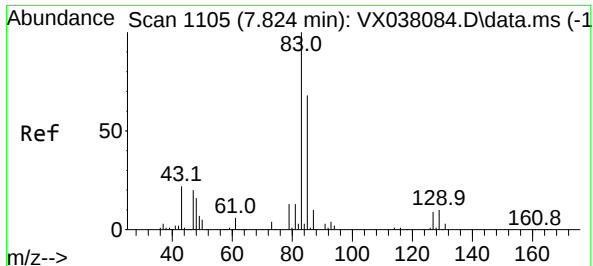
Delta R.T. 0.006 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

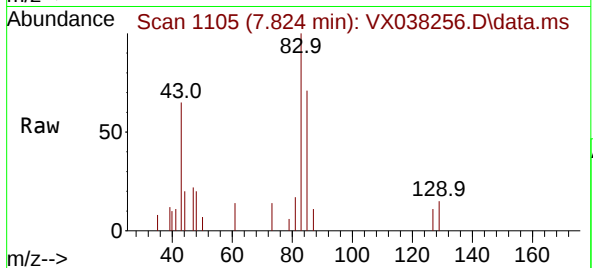
Tgt Ion: 93 Resp: 1042
 Ion Ratio Lower Upper
 93 100
 95 94.4 66.6 100.0
 174 100.5 69.4 104.0





#47
Bromodichloromethane
Concen: 0.932 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

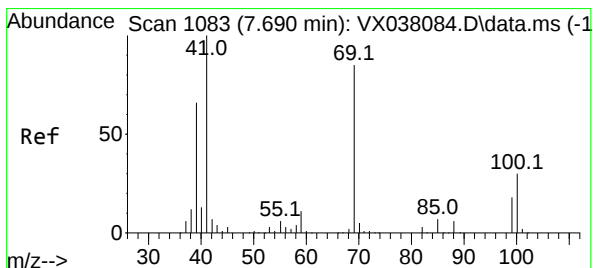
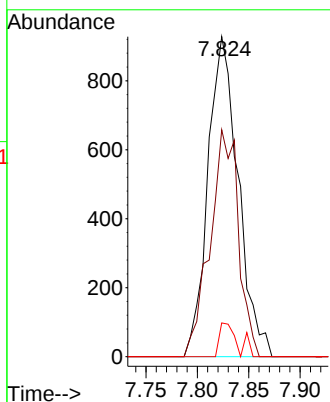
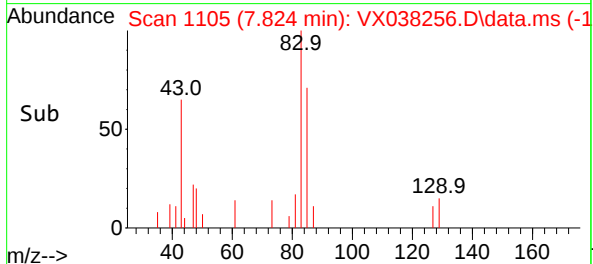
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



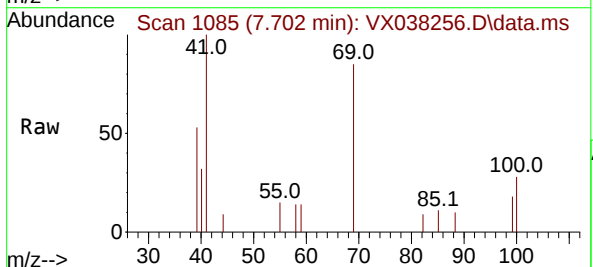
Tgt Ion: 83 Resp: 189
Ion Ratio Lower Upper
83 100
85 70.9 49.8 74.6
127 10.6 7.1 10.7

Manual Integrations
APPROVED

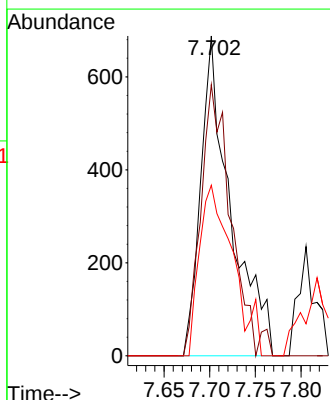
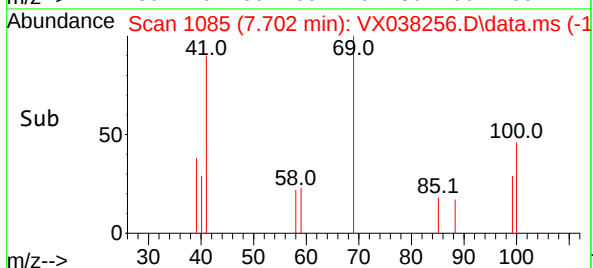
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

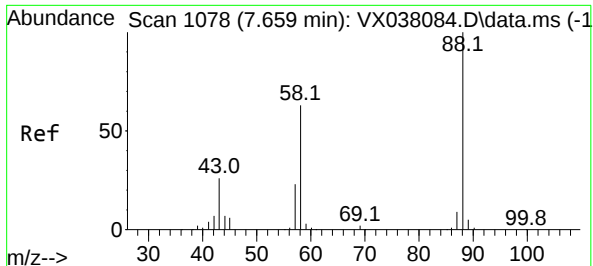


#48
Methyl methacrylate
Concen: 0.908 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03



Tgt Ion: 41 Resp: 1567
Ion Ratio Lower Upper
41 100
69 86.0 59.2 88.8
39 59.9 47.7 71.5





#49

1,4-Dioxane

Concen: 17.892 ug/l

RT: 7.677 min Scan# 1078

Delta R.T. 0.018 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

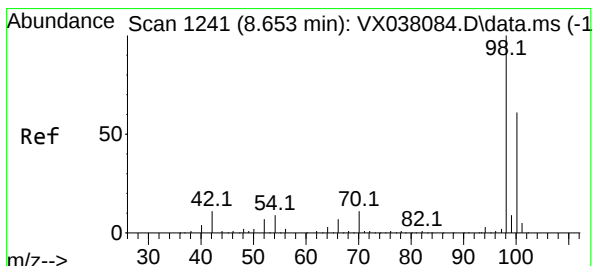
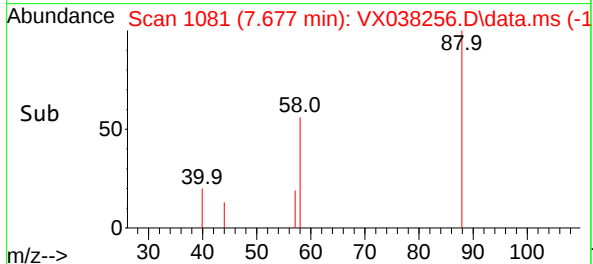
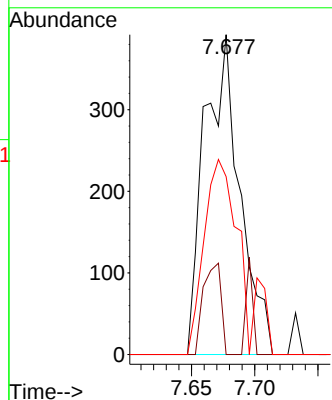
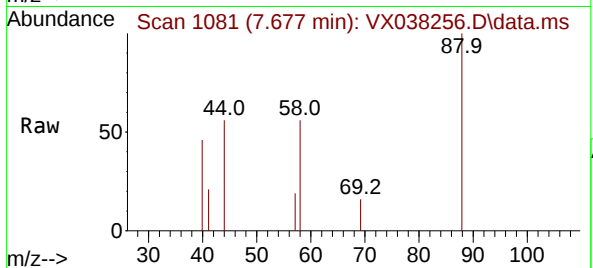
Tgt Ion: 88	Resp: 76
Ion Ratio	Lower Upper
88 100	
43 14.3	0.0 0.0
58 55.8	60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#50

Toluene-d8

Concen: 47.331 ug/l

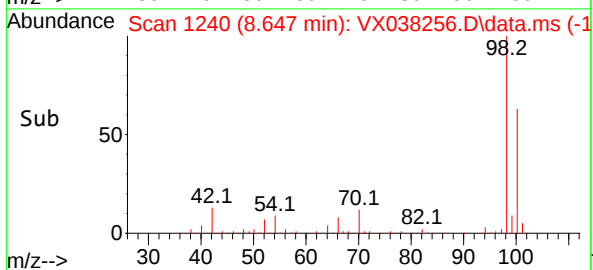
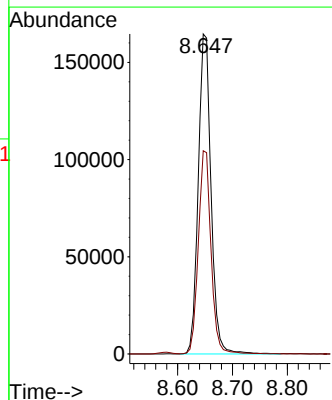
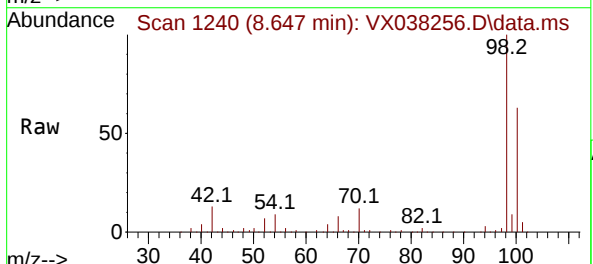
RT: 8.647 min Scan# 1240

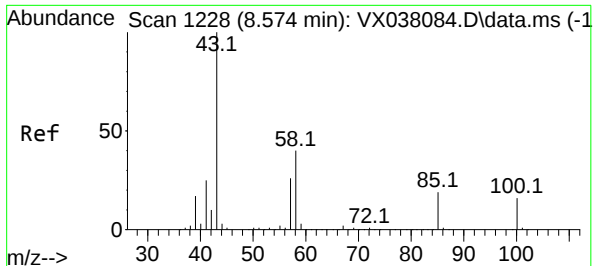
Delta R.T. -0.006 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

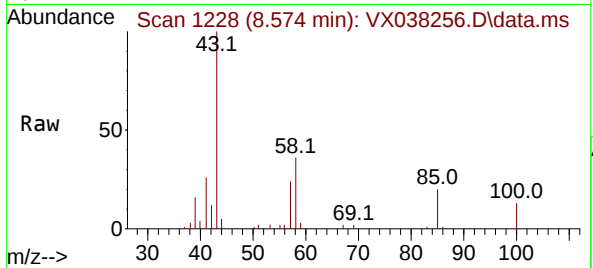
Tgt Ion: 98	Resp: 267472
Ion Ratio	Lower Upper
98 100	
100 62.8	53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 4.306 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

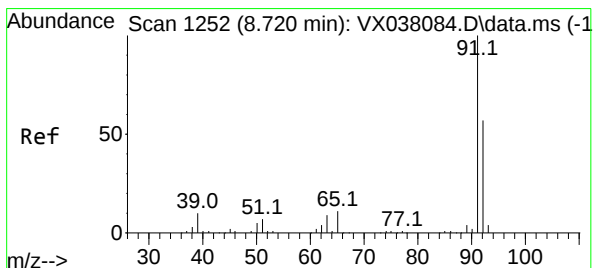
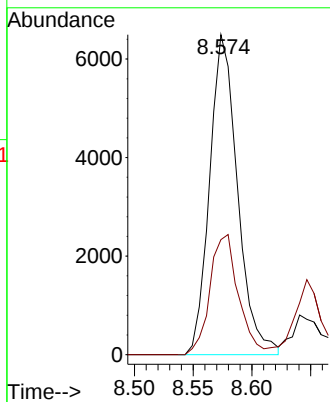
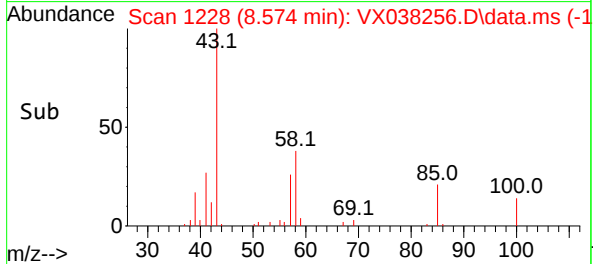
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



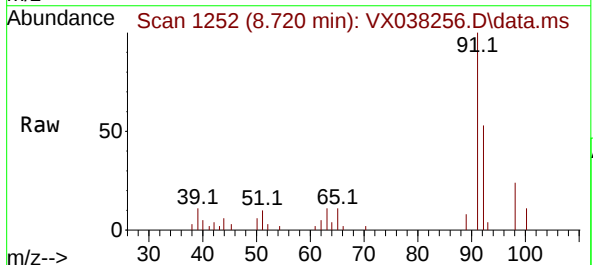
Tgt Ion: 43 Resp: 10739
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6

Manual Integrations
APPROVED

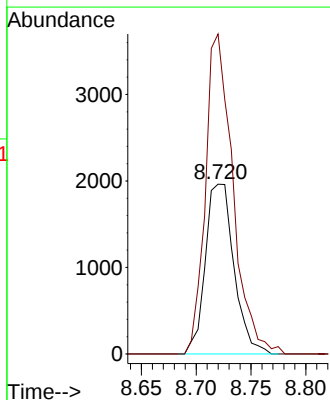
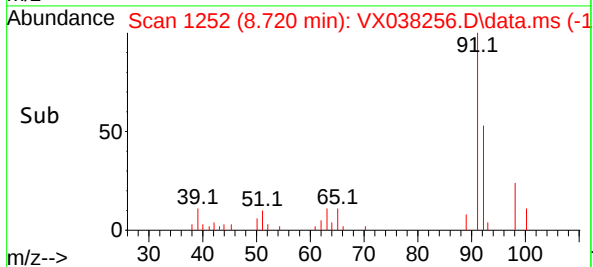
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

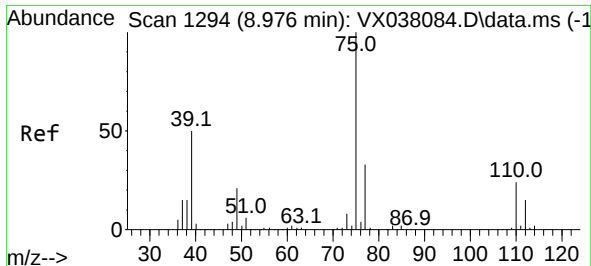


#52
Toluene
Concen: 0.961 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03



Tgt Ion: 92 Resp: 3570
Ion Ratio Lower Upper
92 100
91 180.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.714 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 75 Resp: 156

Ion Ratio Lower Upper

75 100

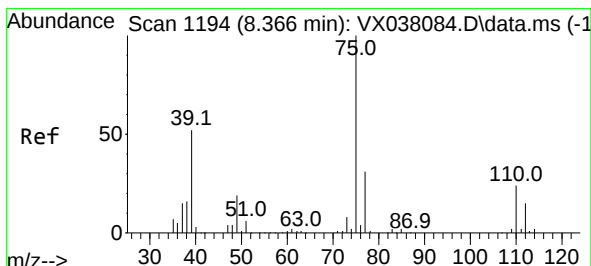
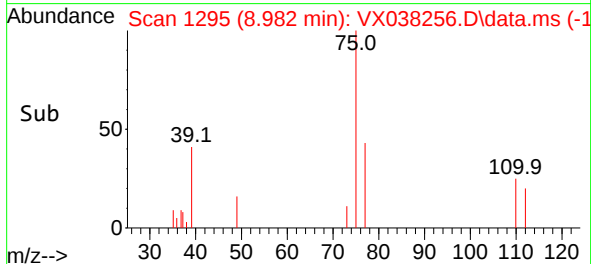
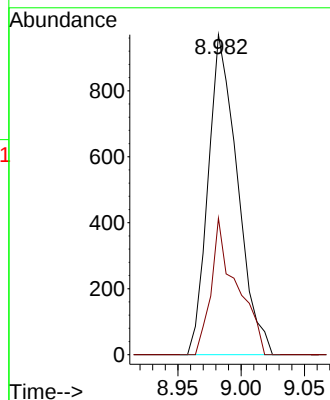
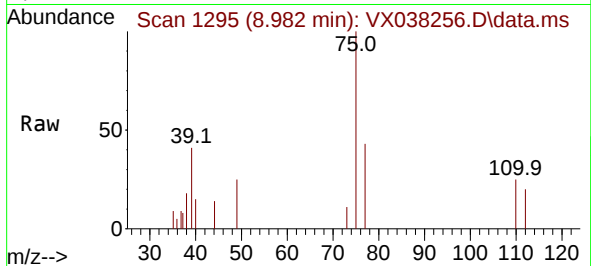
77 42.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#54

cis-1,3-Dichloropropene

Concen: 0.796 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

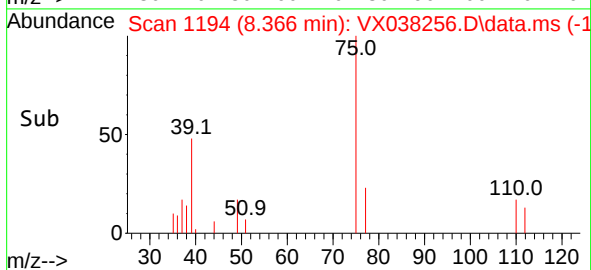
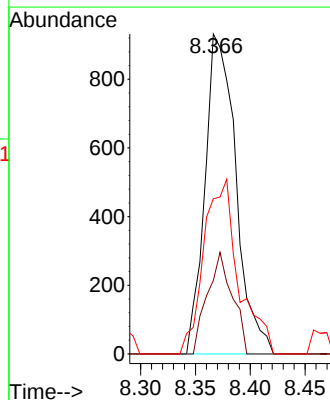
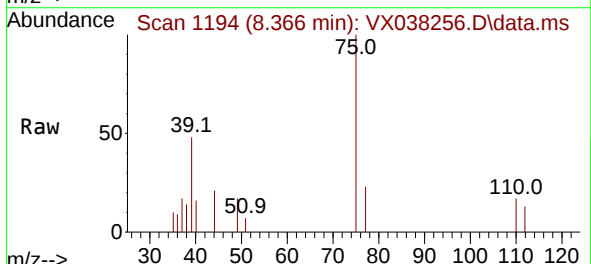
Tgt Ion: 75 Resp: 1828

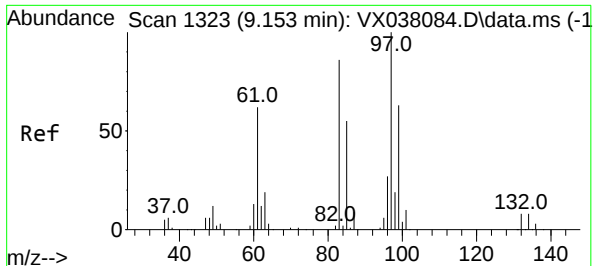
Ion Ratio Lower Upper

75 100

77 23.0 25.3 37.9

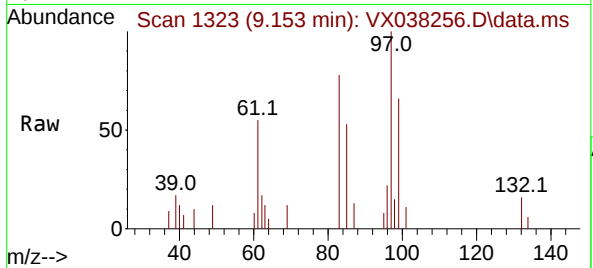
39 48.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 0.872 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

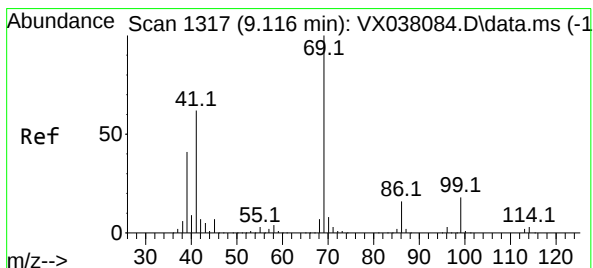
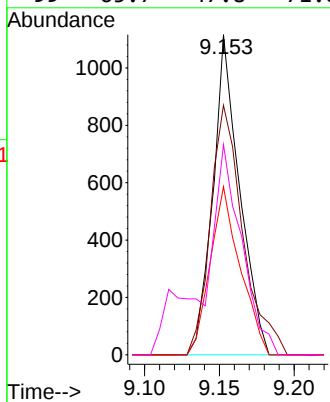
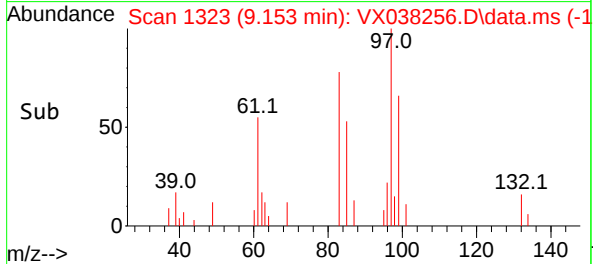
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.0	65.8	98.8
85	52.5	41.6	62.4
99	65.7	47.8	71.8

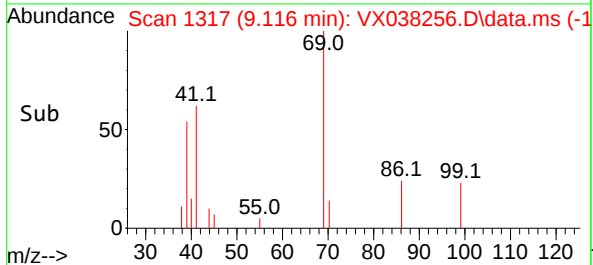
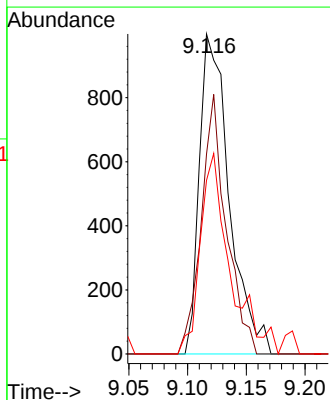
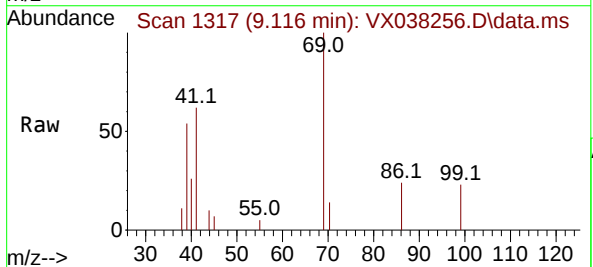
Manual Integrations
APPROVED

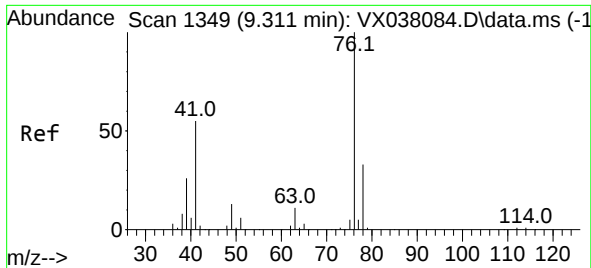
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#56
Ethyl methacrylate
Concen: 0.724 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.1	56.8	85.2
39	62.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 0.969 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 76 Resp: 249

Ion Ratio Lower Upper

76 100

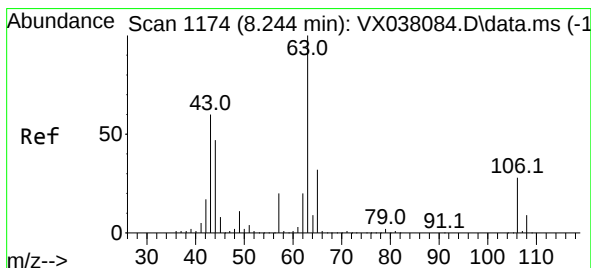
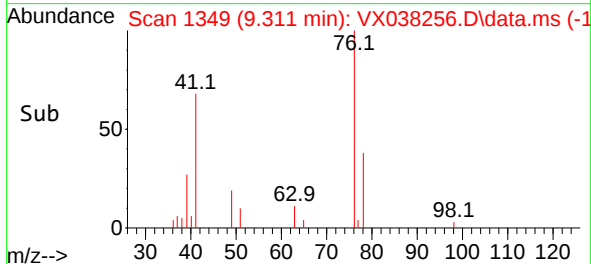
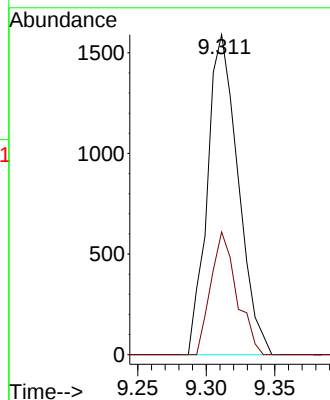
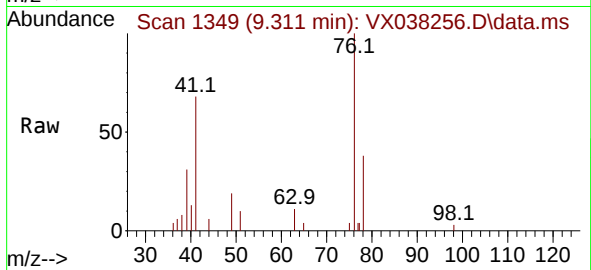
78 32.2 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 4.344 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX038256.D

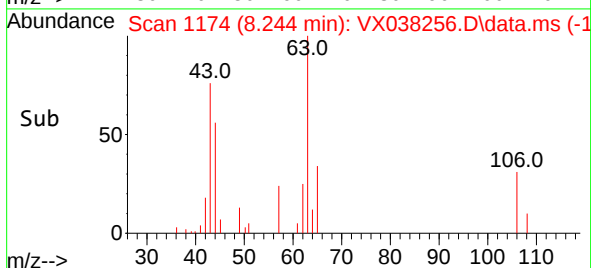
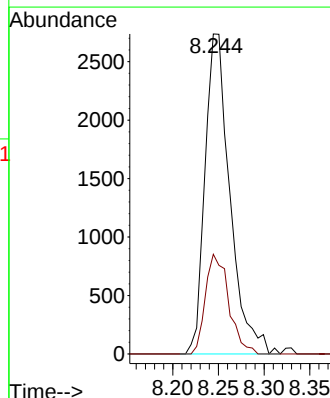
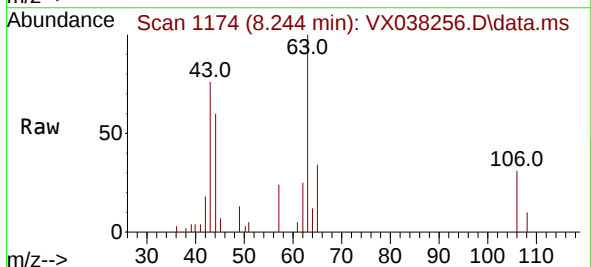
Acq: 12 Oct 2023 15:03

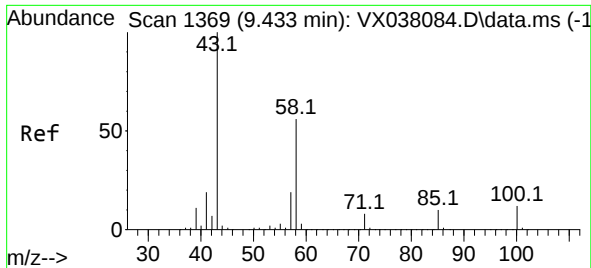
Tgt Ion: 63 Resp: 5196

Ion Ratio Lower Upper

63 100

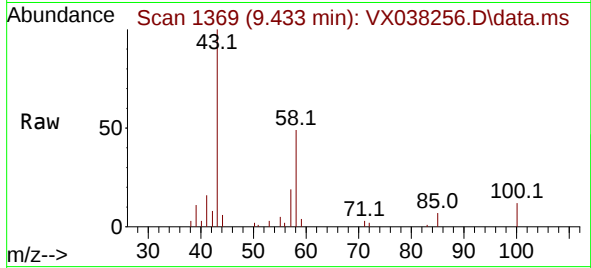
106 29.1 22.5 33.7





#59
2-Hexanone
Concen: 4.315 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

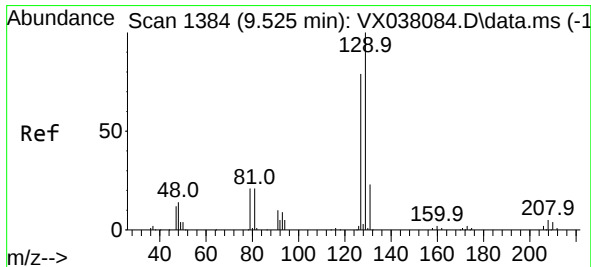
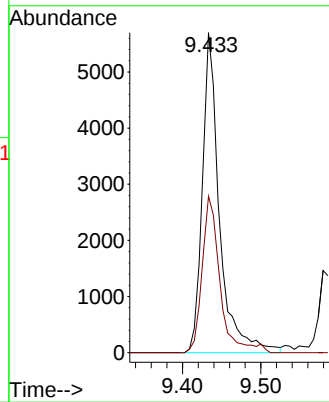
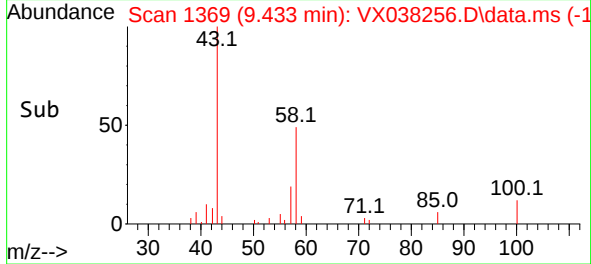
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



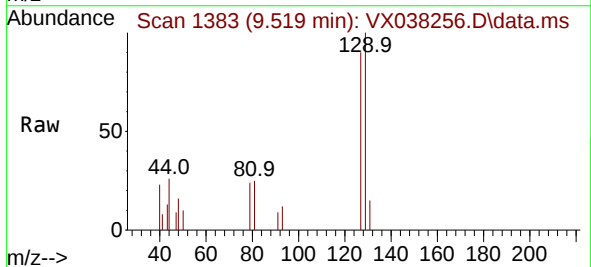
Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
58 51.1 26.2 78.5

Manual Integrations
APPROVED

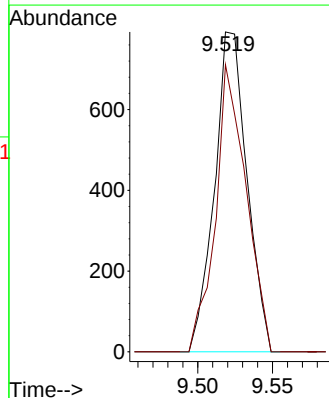
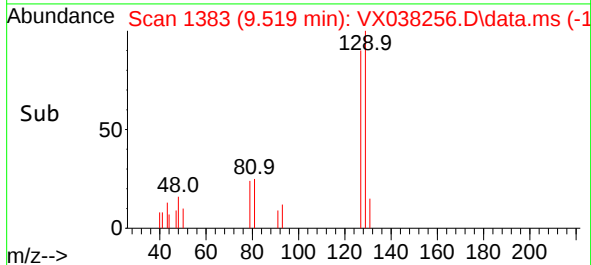
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

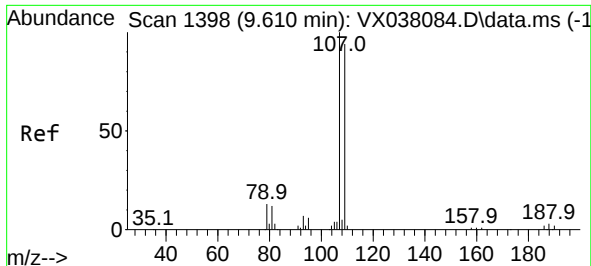


#60
Dibromochloromethane
Concen: 0.771 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03



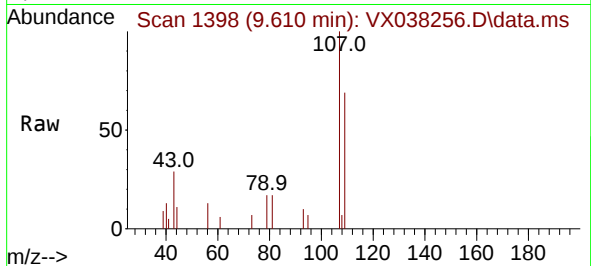
Tgt Ion:129 Resp: 1199
Ion Ratio Lower Upper
129 100
127 84.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.873 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

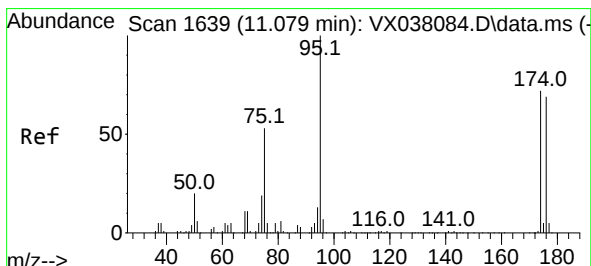
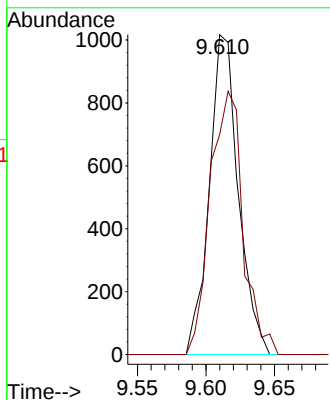
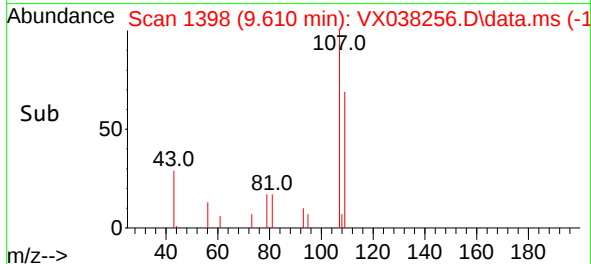
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:107 Resp: 1500
Ion Ratio Lower Upper
107 100
109 92.8 75.2 112.8

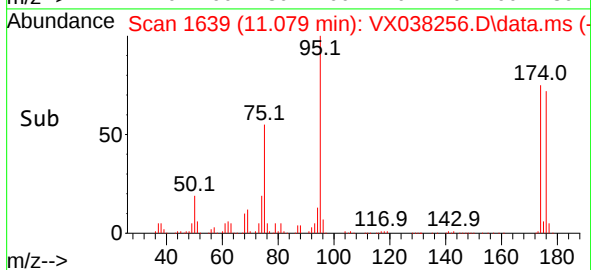
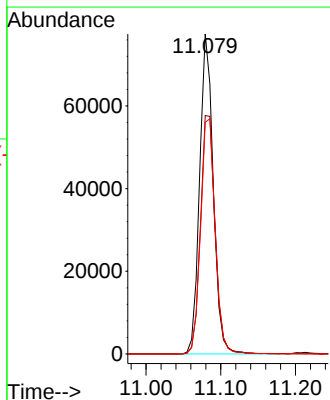
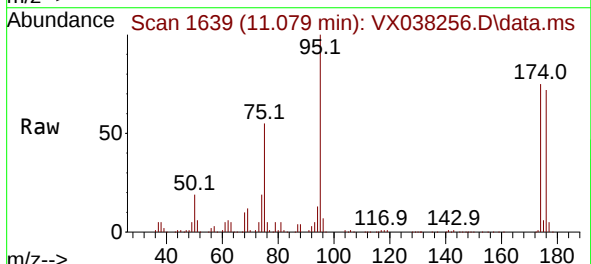
Manual Integrations
APPROVED

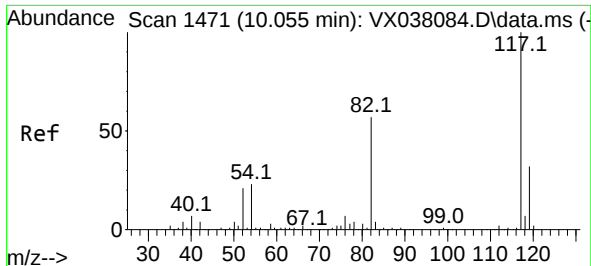
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#62
4-Bromofluorobenzene
Concen: 45.761 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

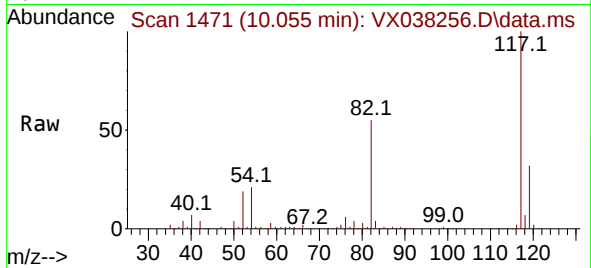
Tgt Ion: 95 Resp: 98036
Ion Ratio Lower Upper
95 100
174 80.1 0.0 135.6
176 78.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

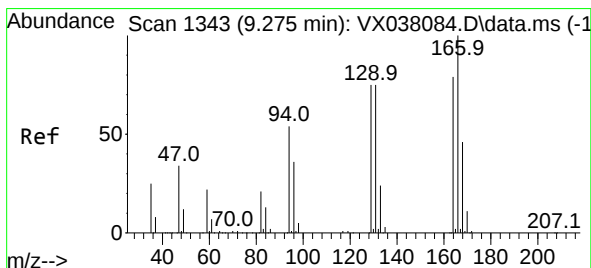
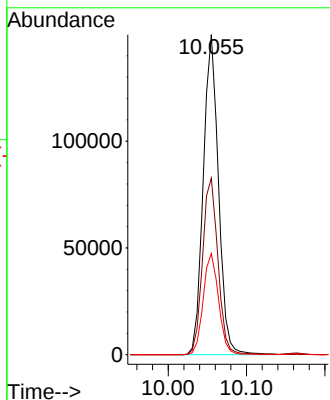
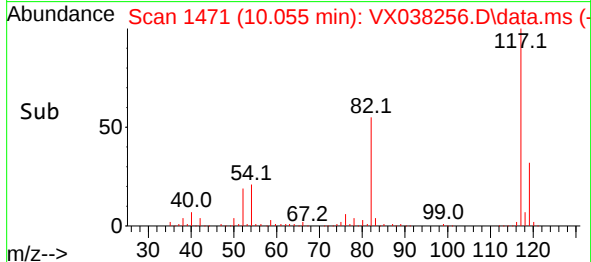
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion:117 Resp: 201940
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.6 25.5 38.3

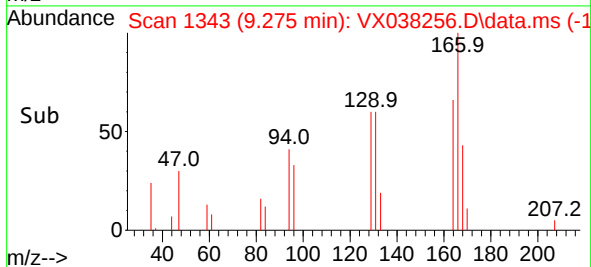
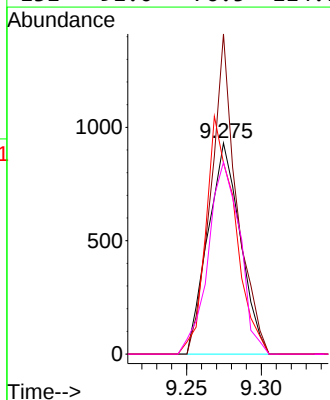
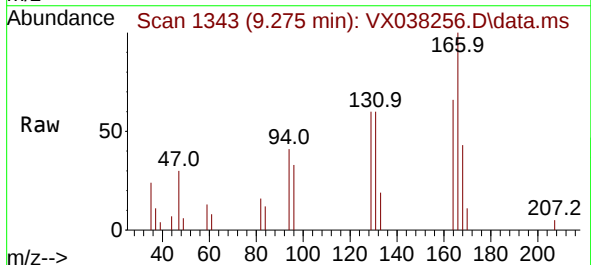
Manual Integrations
APPROVED

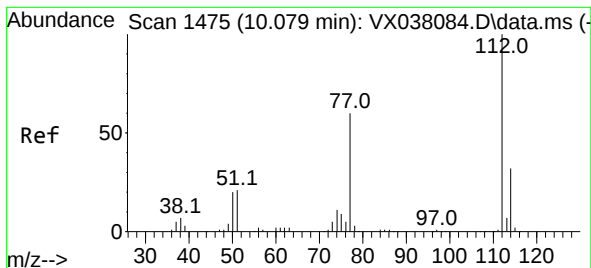
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#64
Tetrachloroethene
Concen: 1.072 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Tgt Ion:164 Resp: 1402
Ion Ratio Lower Upper
164 100
166 151.7 102.7 154.1
129 90.5 80.4 120.6
131 91.0 76.5 114.7





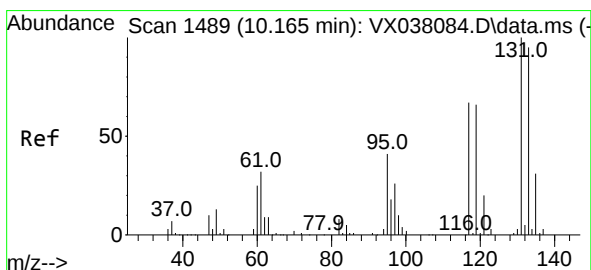
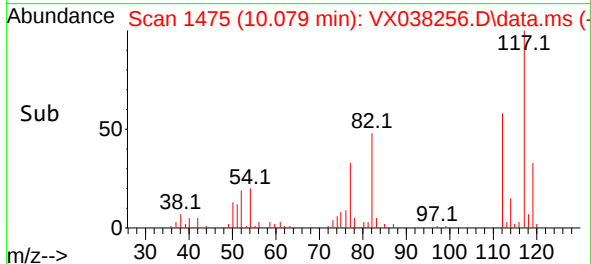
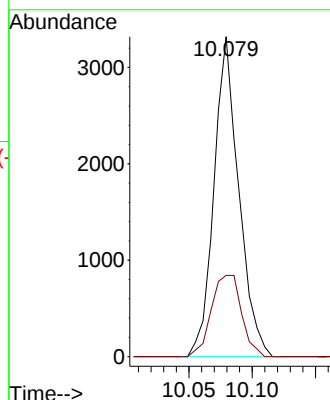
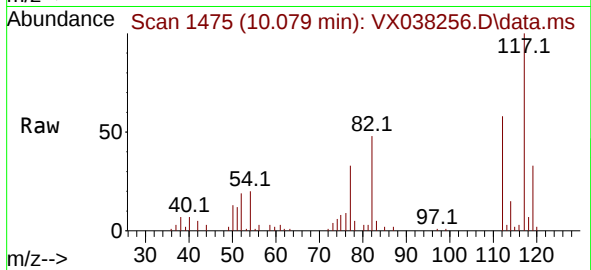
#65
Chlorobenzene
Concen: 1.069 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023

Tgt Ion:112 Resp: 451
Ion Ratio Lower Upper
112 100
114 25.4 25.7 38.5

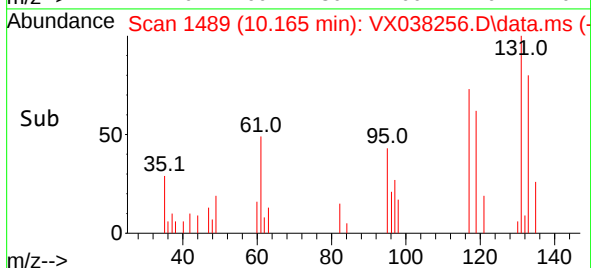
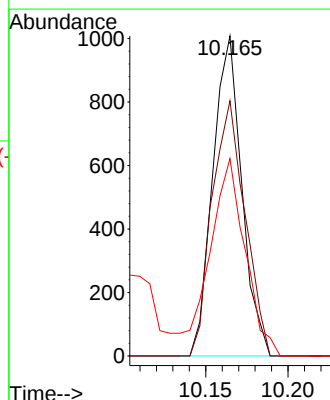
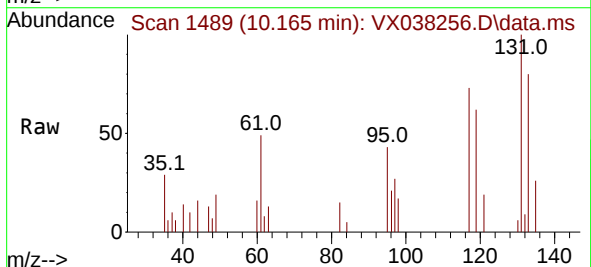
Manual Integrations
APPROVED

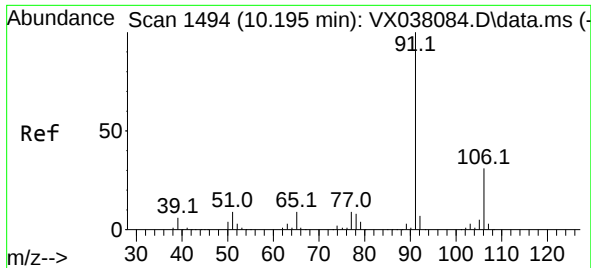
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.863 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Tgt Ion:131 Resp: 1233
Ion Ratio Lower Upper
131 100
133 90.4 47.1 141.4
119 0.0 32.2 96.6





#67

Ethyl Benzene

Concen: 0.914 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

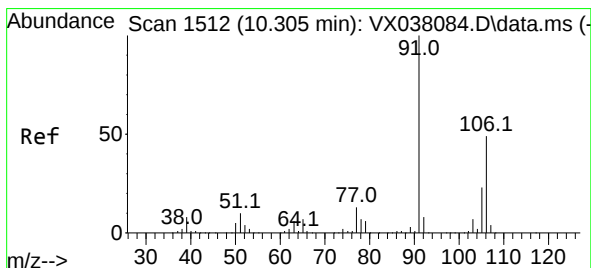
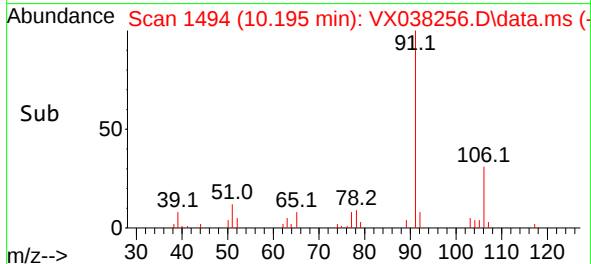
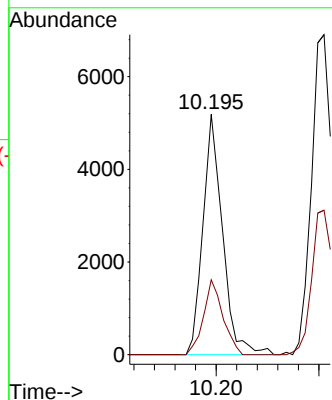
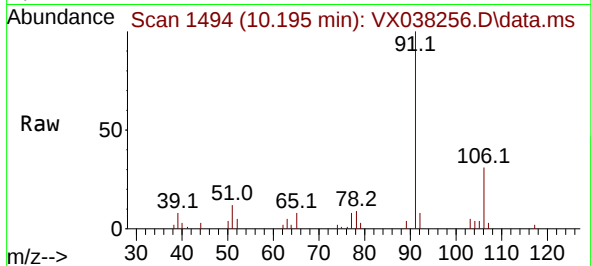
Tgt Ion: 91 Resp: 6890
 Ion Ratio Lower Upper
 91 100
 106 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#68

m/p-Xylenes

Concen: 1.670 ug/l

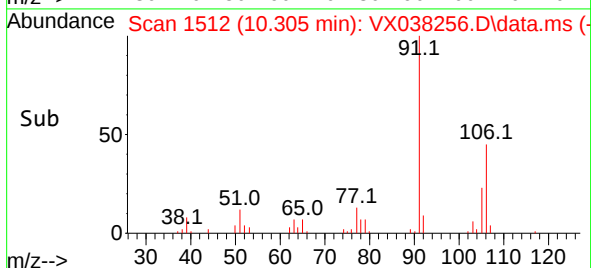
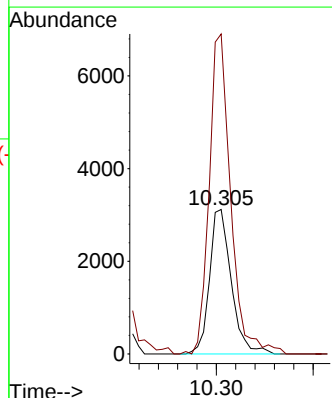
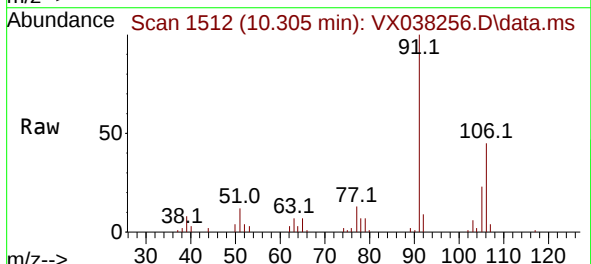
RT: 10.305 min Scan# 1512

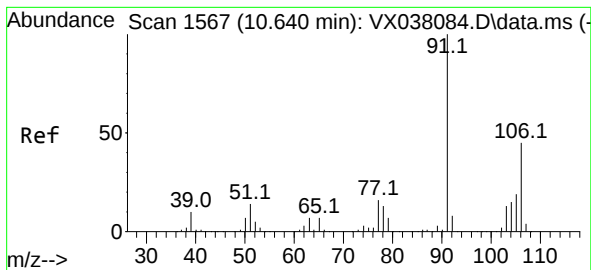
Delta R.T. -0.000 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Tgt Ion:106 Resp: 4870
 Ion Ratio Lower Upper
 106 100
 91 219.0 165.5 248.3





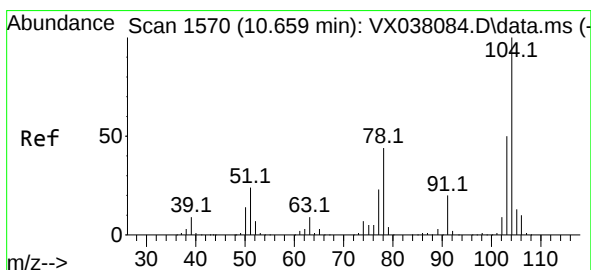
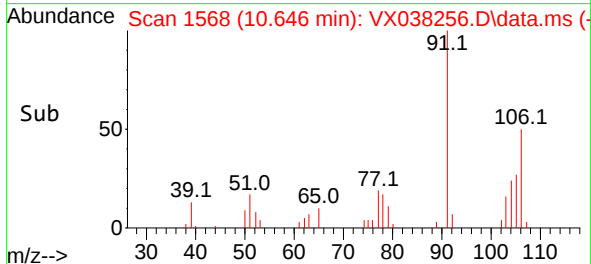
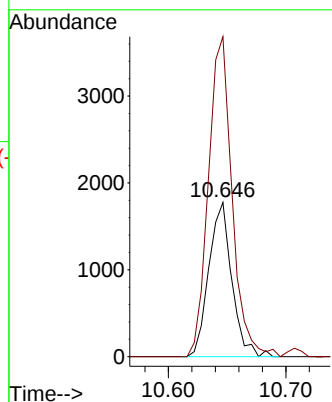
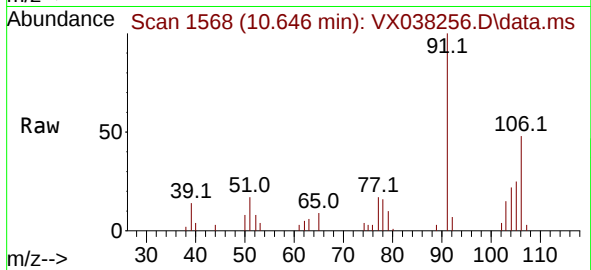
#69
o-Xylene
Concen: 0.845 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:106 Resp: 240
Ion Ratio Lower Upper
106 100
91 214.1 108.9 326.8

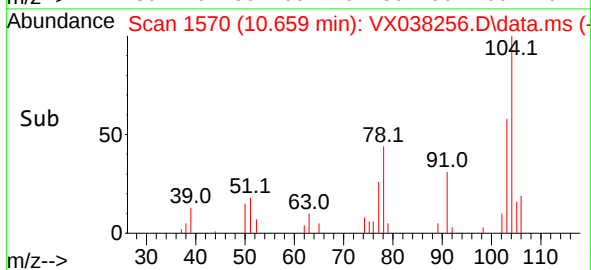
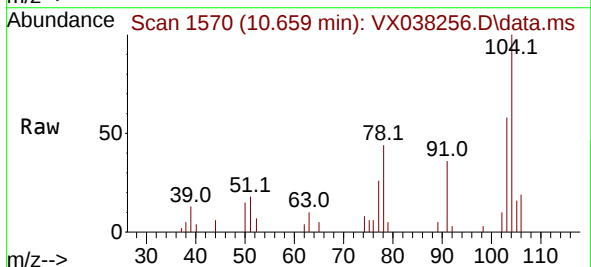
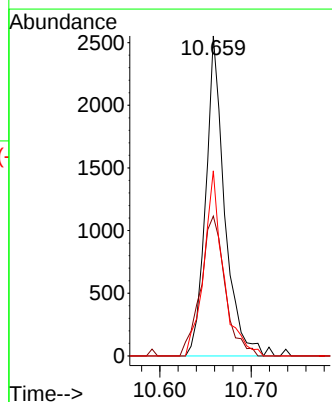
Manual Integrations
APPROVED

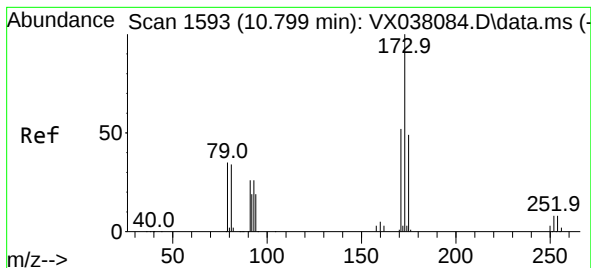
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#70
Styrene
Concen: 0.790 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Tgt Ion:104 Resp: 3660
Ion Ratio Lower Upper
104 100
78 56.1 43.6 65.4
103 59.1 43.6 65.4





#71

Bromoform

Concen: 0.665 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:173 Resp: 78

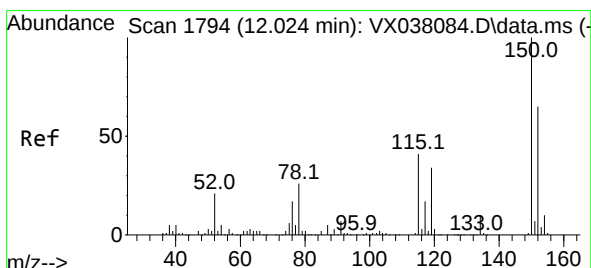
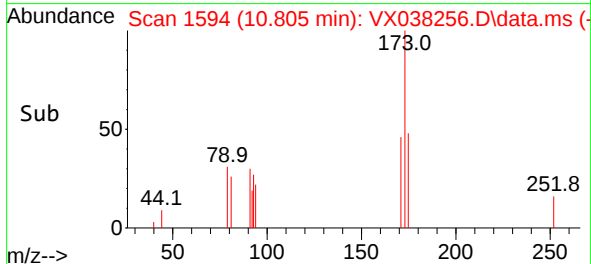
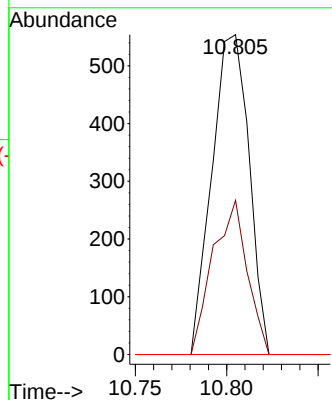
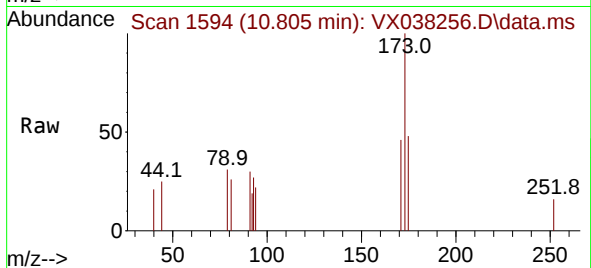
Ion	Ratio	Lower	Upper
173	100		
175	44.6	24.1	72.4
254	0.0	0.0	0.0

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

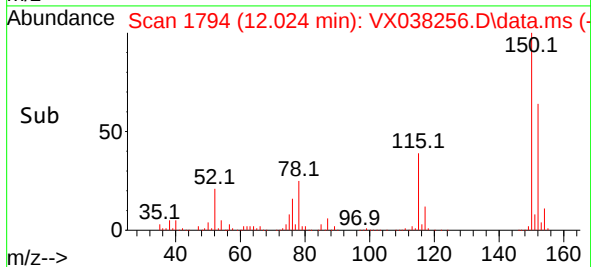
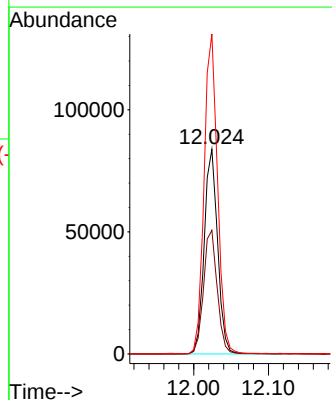
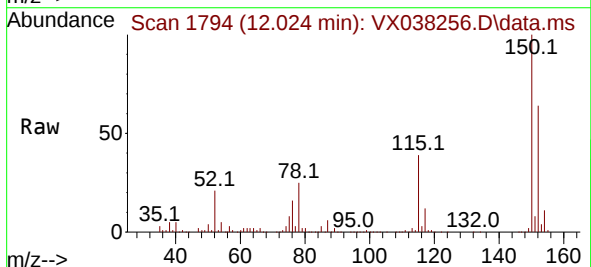
Delta R.T. 0.000 min

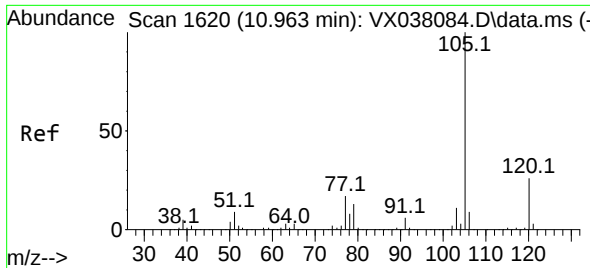
Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Tgt Ion:152 Resp: 104053

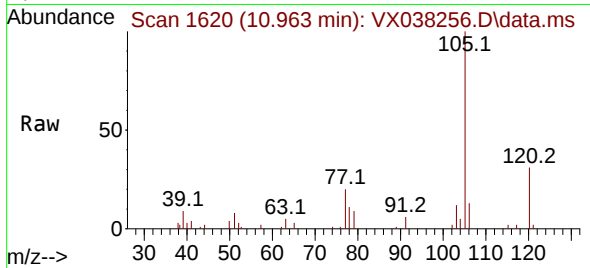
Ion	Ratio	Lower	Upper
152	100		
115	62.0	43.3	129.9
150	156.7	0.0	345.0





#73
Isopropylbenzene
Concen: 0.857 ug/l
RT: 10.963 min Scan# 105
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

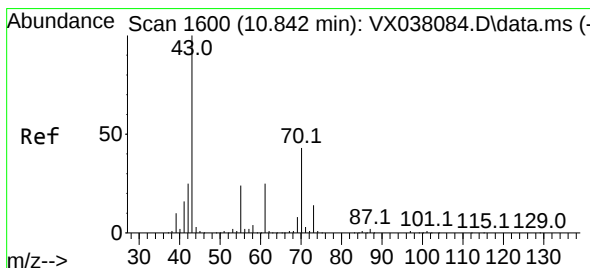
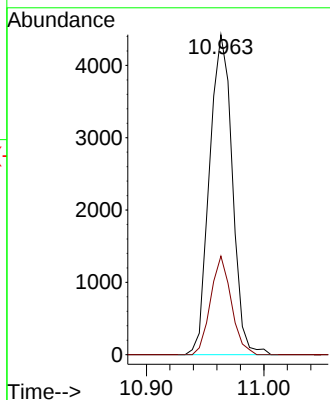
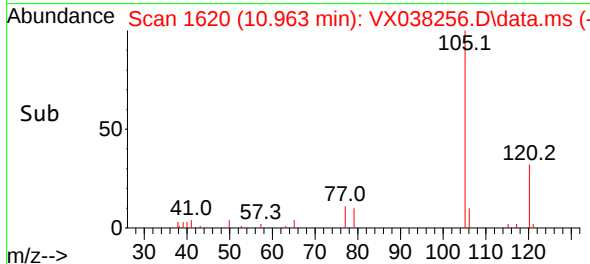
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



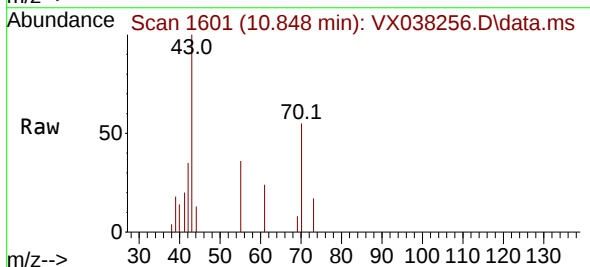
Tgt Ion:105 Resp: 5980
Ion Ratio Lower Upper
105 100
120 27.9 12.9 38.6

Manual Integrations
APPROVED

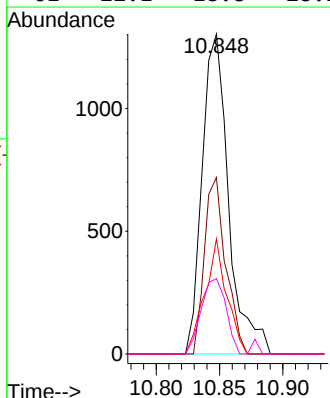
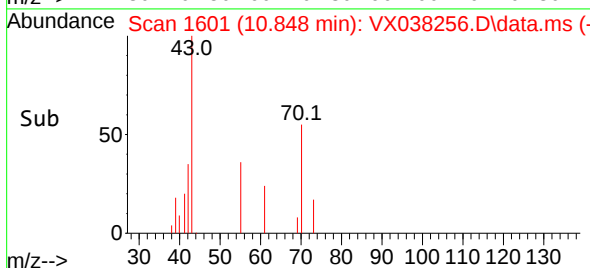
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

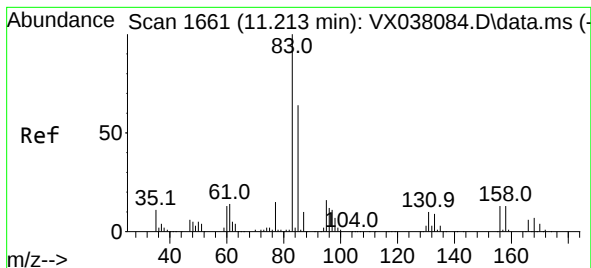


#74
N-ethyl acetate
Concen: 0.637 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03



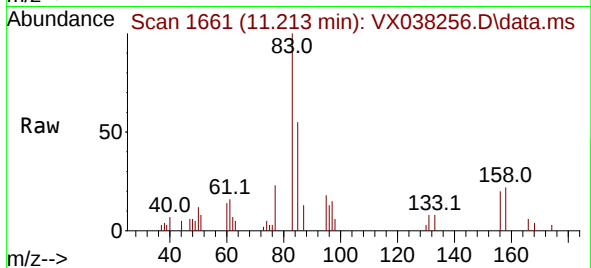
Tgt Ion: 43 Resp: 1897
Ion Ratio Lower Upper
43 100
70 44.6 32.9 49.3
55 29.8 19.3 28.9#
61 22.1 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 0.997 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

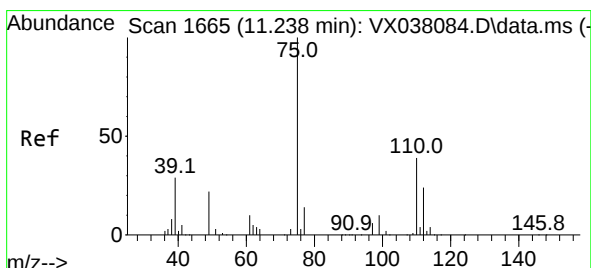
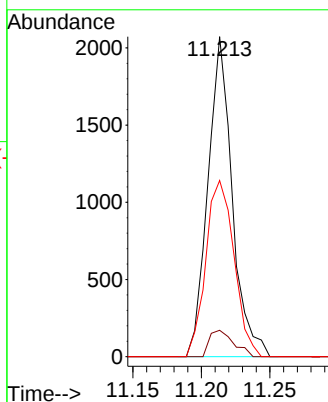
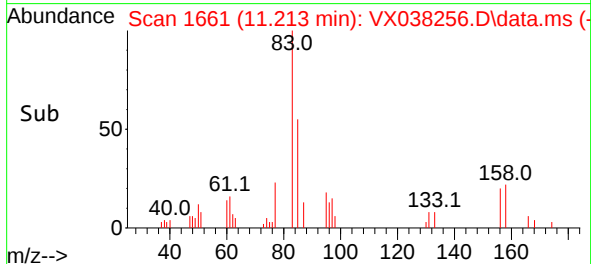
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 83 Resp: 2552
Ion Ratio Lower Upper
83 100
131 8.2 5.3 15.8
85 64.2 32.0 96.2

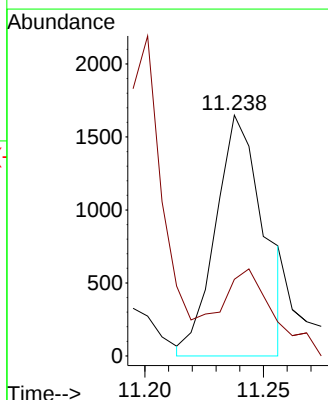
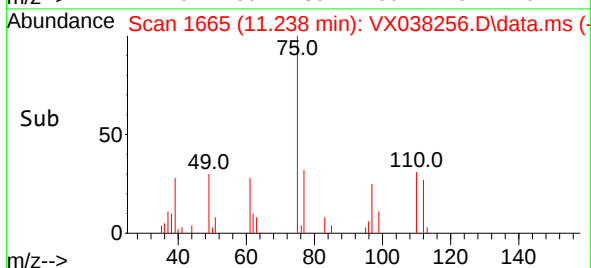
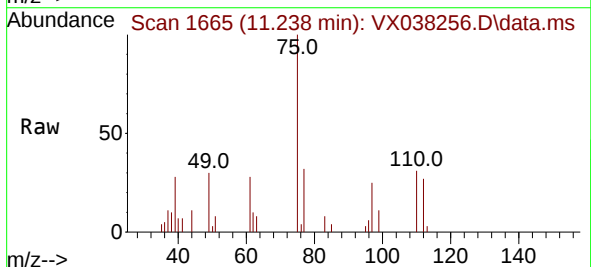
Manual Integrations
APPROVED

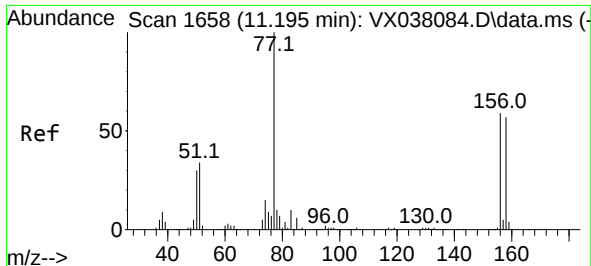
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#76
1,2,3-Trichloropropane
Concen: 0.985 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

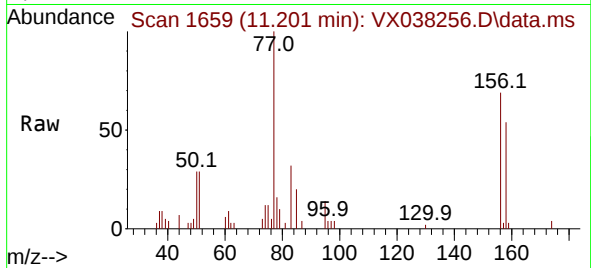
Tgt Ion: 75 Resp: 2329
Ion Ratio Lower Upper
75 100
77 37.1 19.1 57.5





#77
Bromobenzene
Concen: 1.082 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

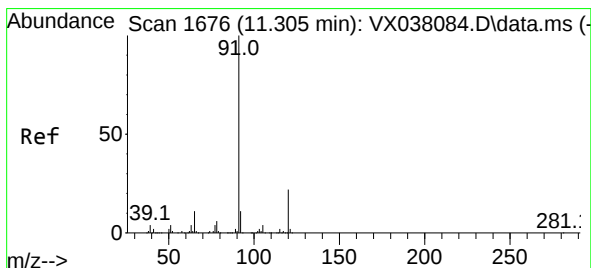
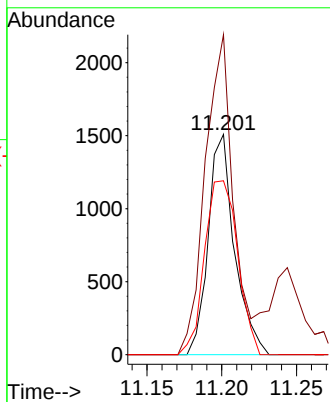
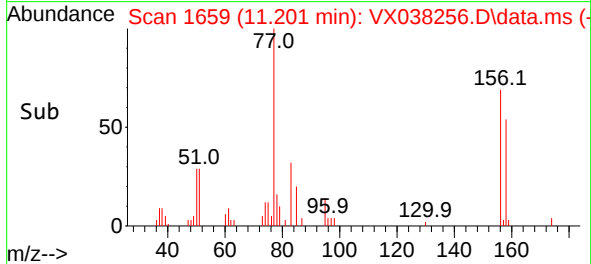
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 156 Resp: 1844
Ion Ratio Lower Upper
156 100
77 153.5 88.4 265.3
158 99.5 48.0 144.0

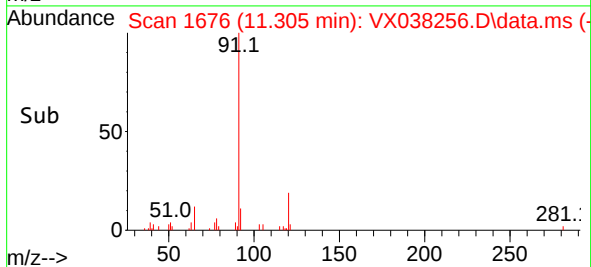
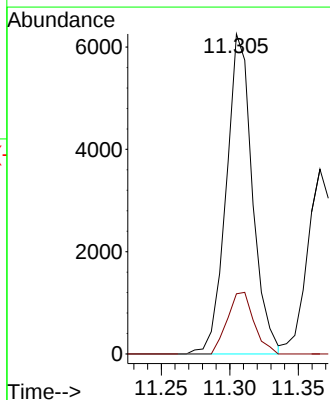
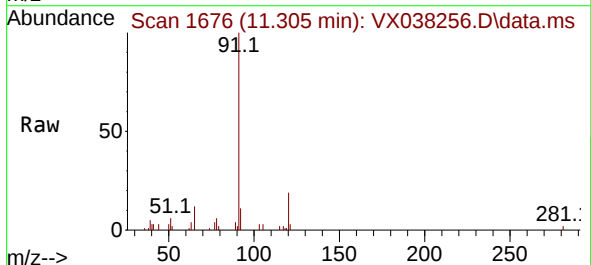
Manual Integrations
APPROVED

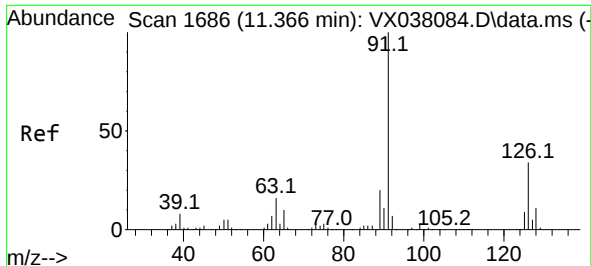
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#78
n-propylbenzene
Concen: 0.974 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Tgt Ion: 91 Resp: 8312
Ion Ratio Lower Upper
91 100
120 19.6 11.5 34.4





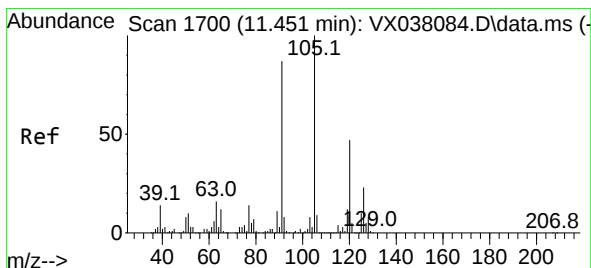
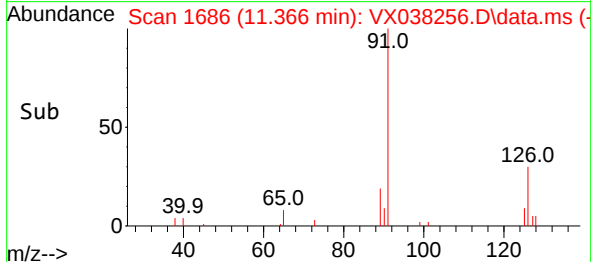
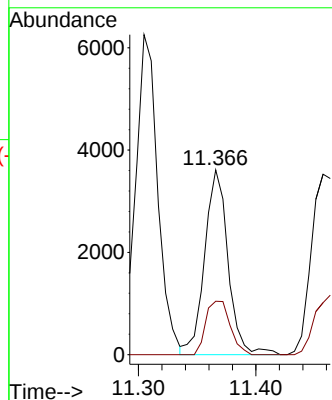
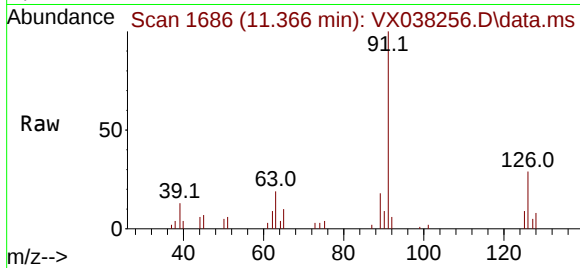
#79
2-Chlorotoluene
Concen: 0.989 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 91 Resp: 5004
Ion Ratio Lower Upper
91 100
126 30.1 16.3 48.8

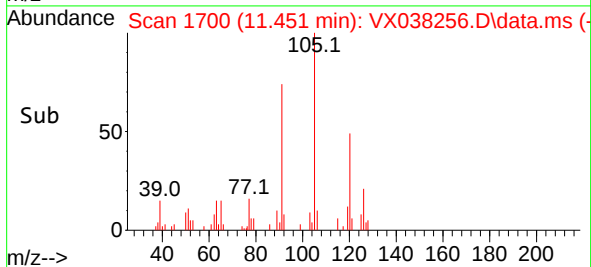
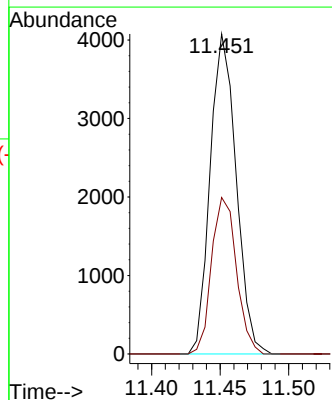
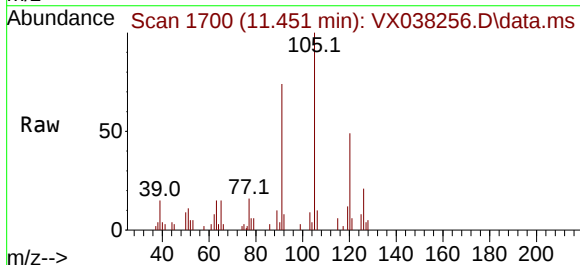
Manual Integrations
APPROVED

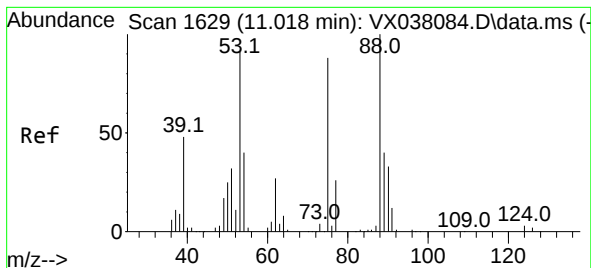
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.892 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

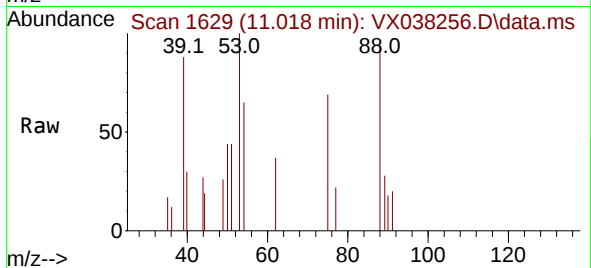
Tgt Ion:105 Resp: 5369
Ion Ratio Lower Upper
105 100
120 46.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.471 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

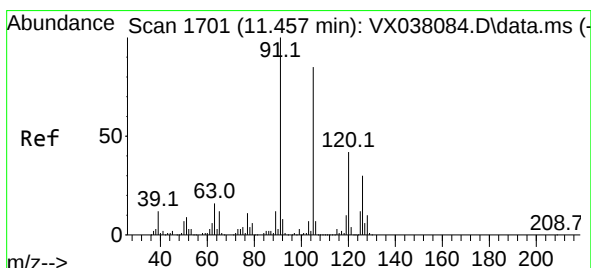
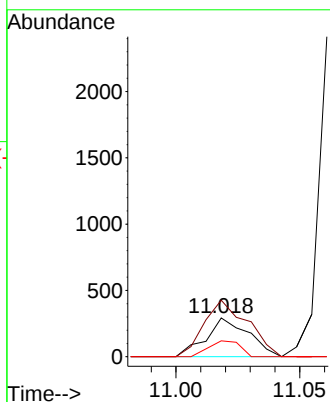
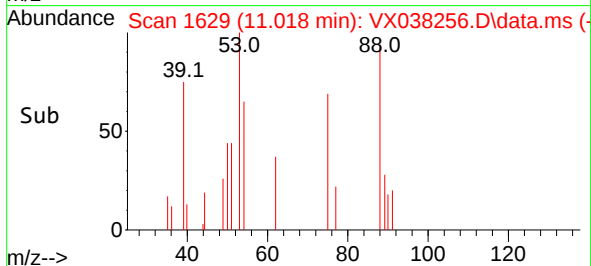
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion: 75 Resp: 349
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 36.9 55.3

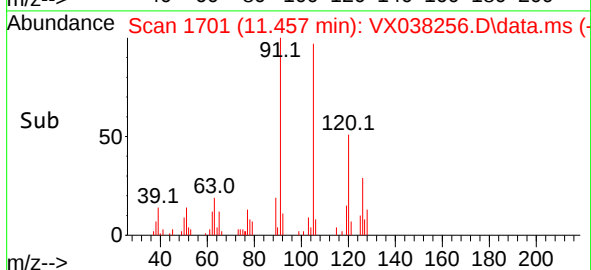
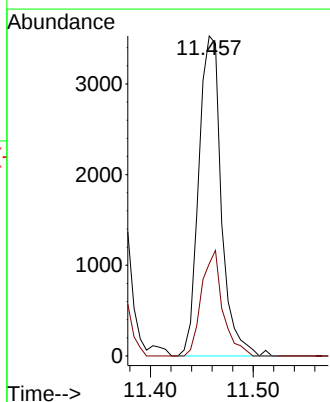
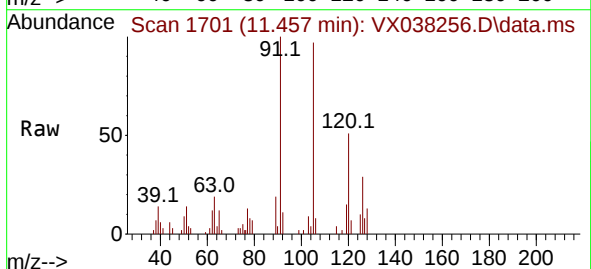
Manual Integrations
APPROVED

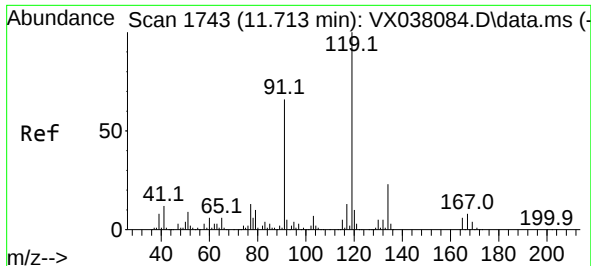
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#82
4-Chlorotoluene
Concen: 0.904 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

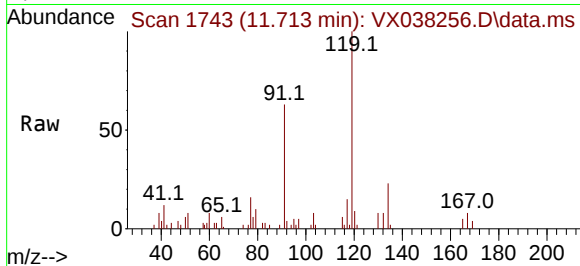
Tgt Ion: 91 Resp: 5413
Ion Ratio Lower Upper
91 100
126 30.8 14.2 42.6





#83
tert-Butylbenzene
Concen: 0.849 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

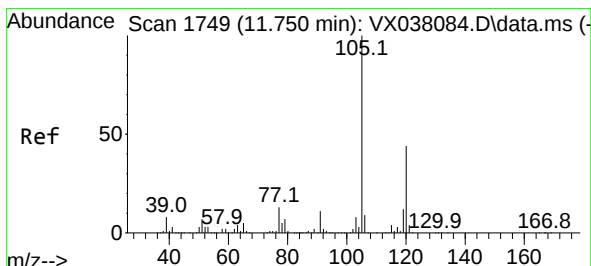
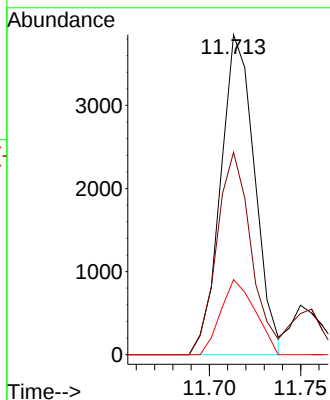
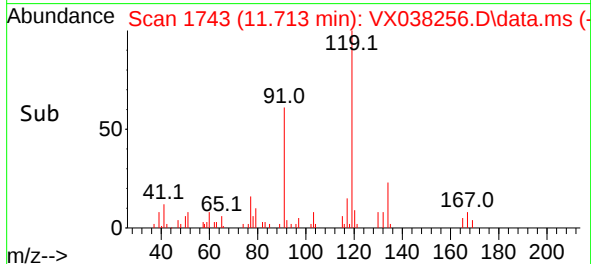
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



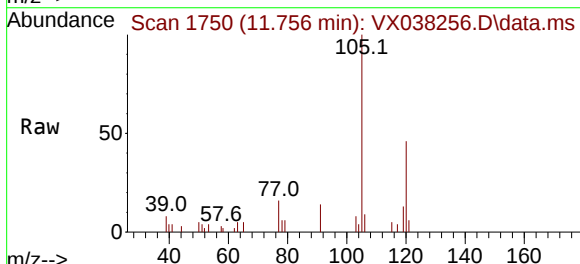
Tgt Ion:119 Resp: 499
Ion Ratio Lower Upper
119 100
91 63.9 31.2 93.6
134 23.6 11.7 35.0

Manual Integrations
APPROVED

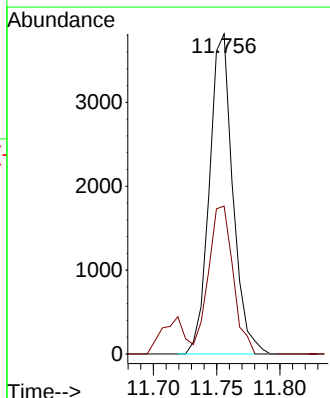
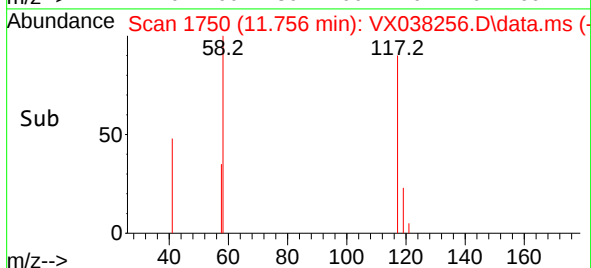
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

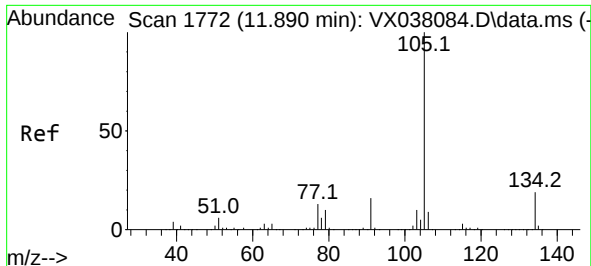


#84
1,2,4-Trimethylbenzene
Concen: 0.818 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03



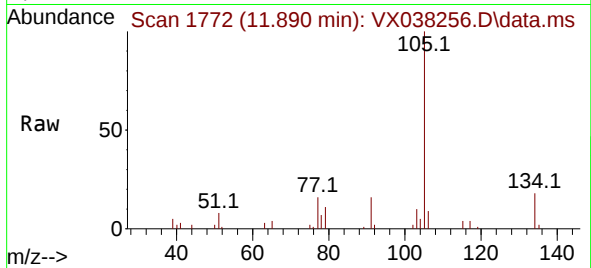
Tgt Ion:105 Resp: 4913
Ion Ratio Lower Upper
105 100
120 48.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.885 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038256.D
 Acq: 12 Oct 2023 15:03

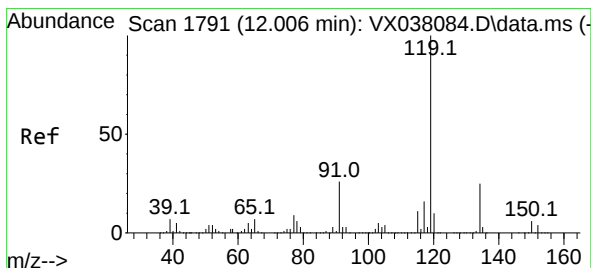
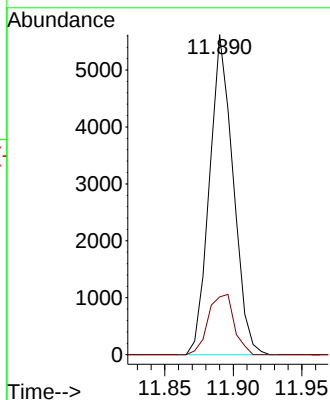
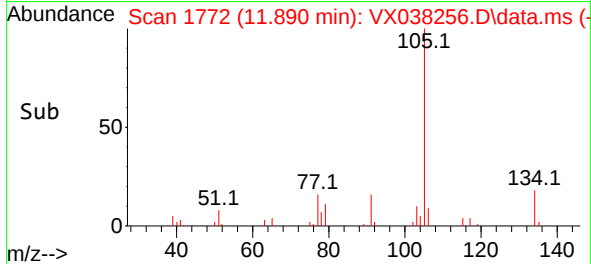
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2023



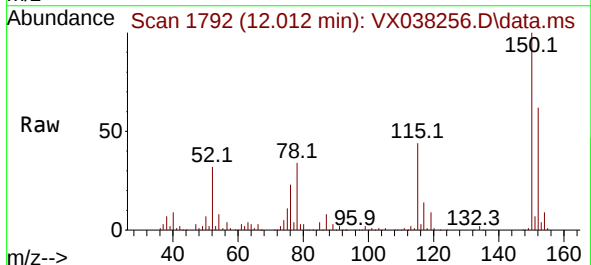
Tgt Ion:105 Resp: 6749
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.4

Manual Integrations
 APPROVED

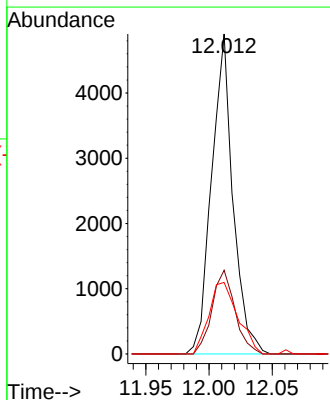
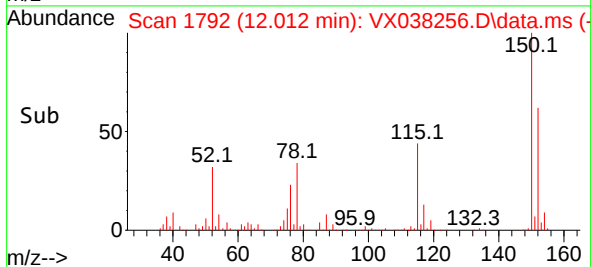
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023

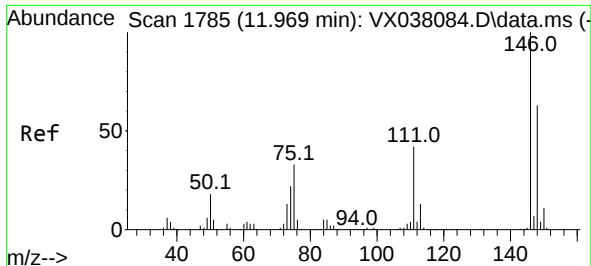


#86
 p-Isopropyltoluene
 Concen: 0.915 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX038256.D
 Acq: 12 Oct 2023 15:03



Tgt Ion:119 Resp: 5753
 Ion Ratio Lower Upper
 119 100
 134 28.1 12.8 38.3
 91 30.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.907 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2023

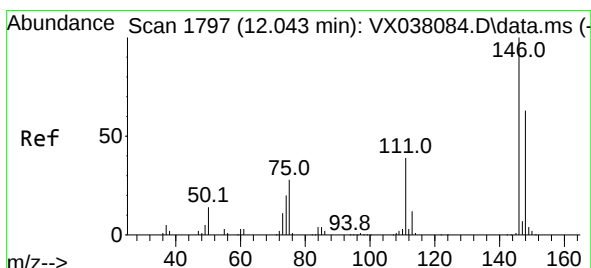
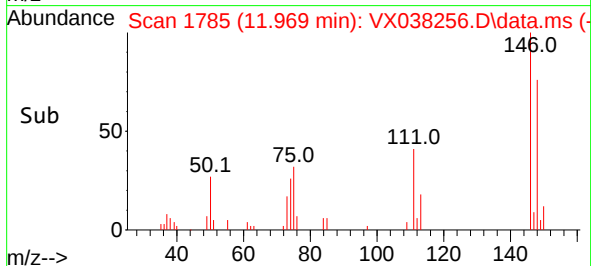
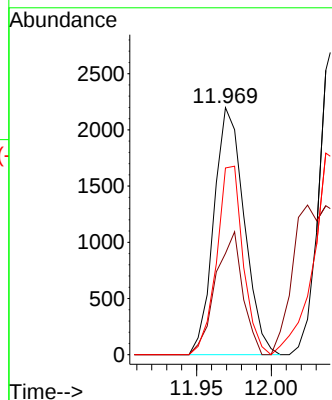
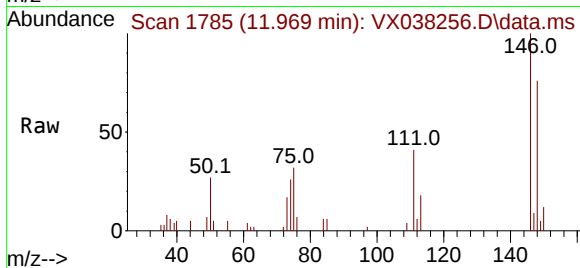
Tgt Ion:146	Resp:	310
Ion Ratio	Lower	Upper
146	100	
111	44.4	22.1 66.1
148	66.6	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#88

1,4-Dichlorobenzene

Concen: 1.035 ug/l m

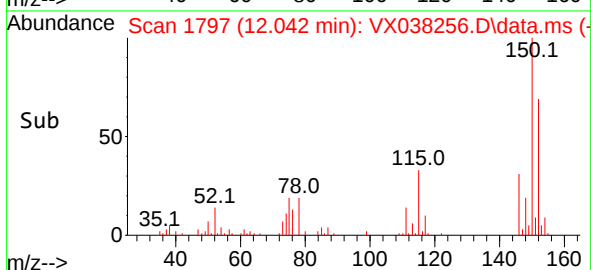
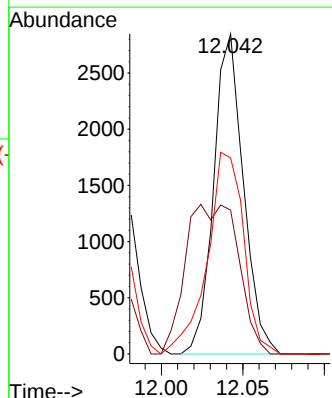
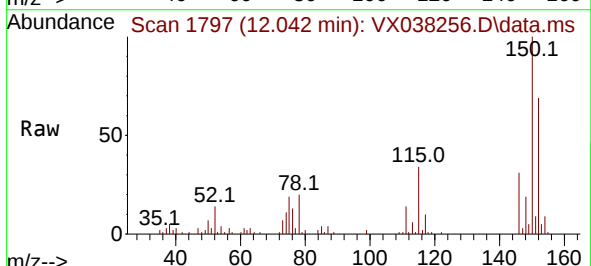
RT: 12.042 min Scan# 1797

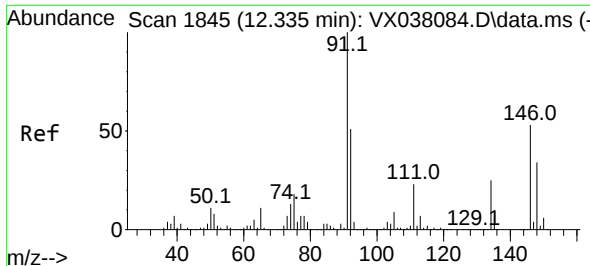
Delta R.T. -0.001 min

Lab File: VX038256.D

Acq: 12 Oct 2023 15:03

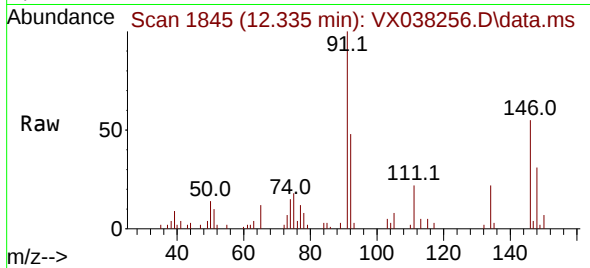
Tgt Ion:146	Resp:	3617
Ion Ratio	Lower	Upper
146	100	
111	38.1	21.3 63.7
148	57.2	31.8 95.4





#89
n-Butylbenzene
Concen: 0.892 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

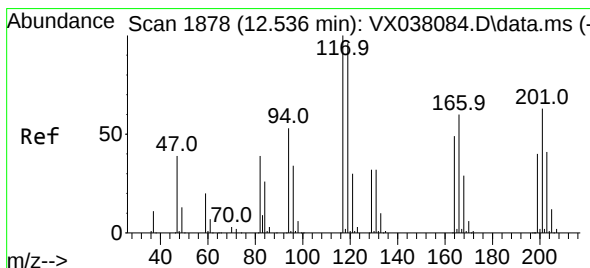
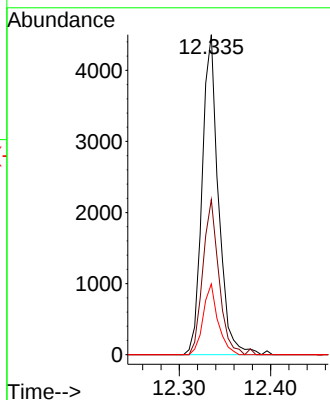
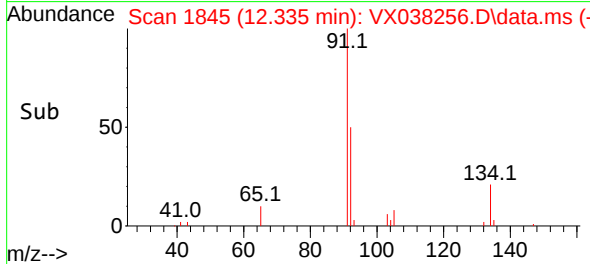
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 91 Resp: 5584
Ion Ratio Lower Upper
91 100
92 47.9 27.4 82.0
134 20.0 12.6 37.8

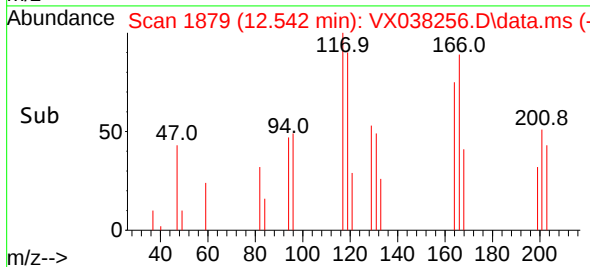
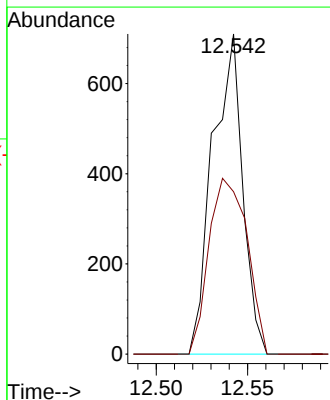
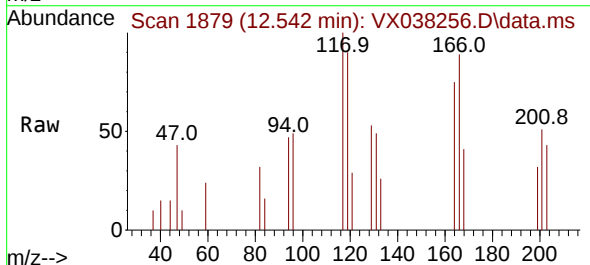
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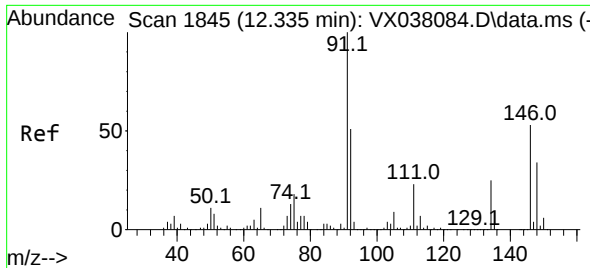
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#90
Hexachloroethane
Concen: 0.775 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

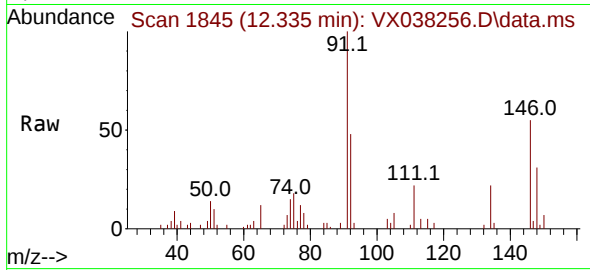
Tgt Ion:117 Resp: 808
Ion Ratio Lower Upper
117 100
201 70.2 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 0.944 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

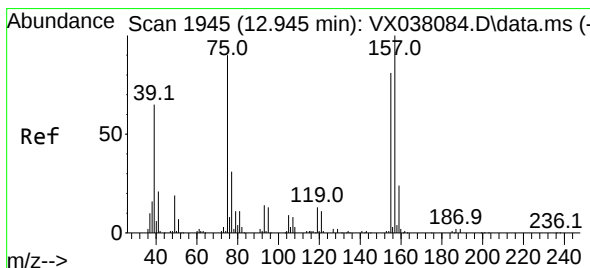
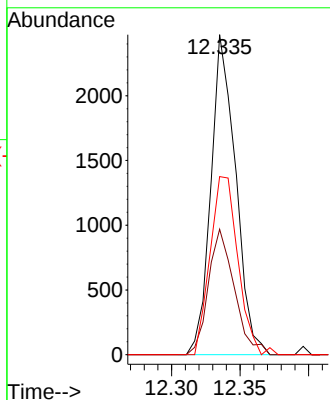
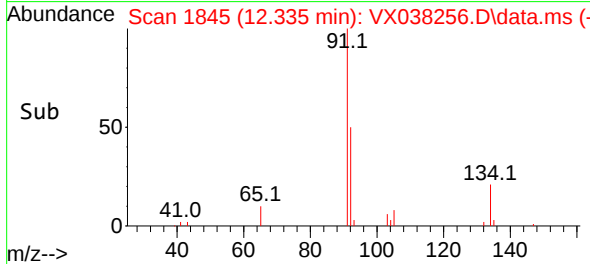
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



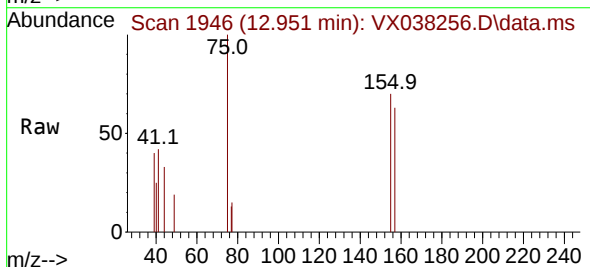
Tgt Ion:146 Resp: 3104
Ion Ratio Lower Upper
146 100
111 41.1 22.4 67.0
148 62.7 31.6 95.0

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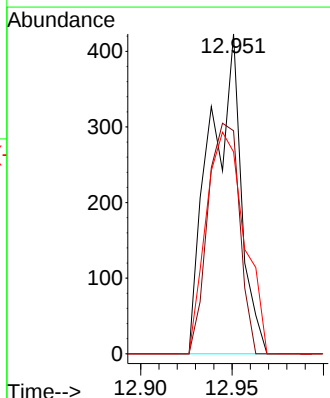
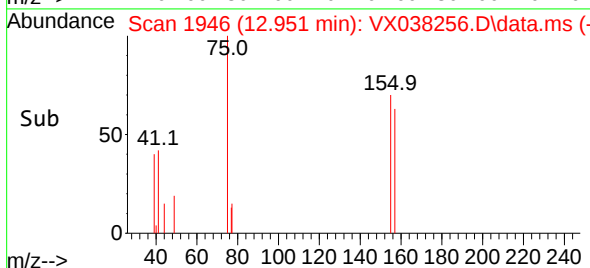
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

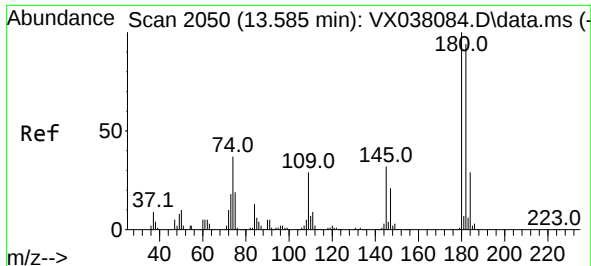


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.809 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03



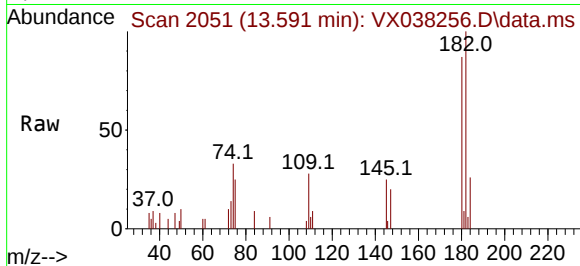
Tgt Ion: 75 Resp: 501
Ion Ratio Lower Upper
75 100
155 73.1 36.1 108.5
157 85.0 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 0.859 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

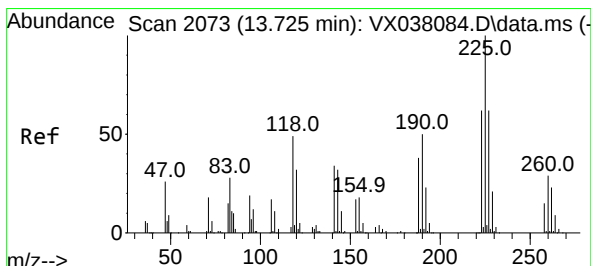
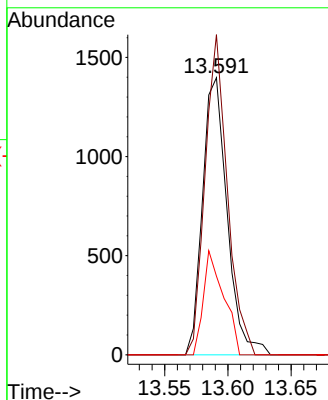
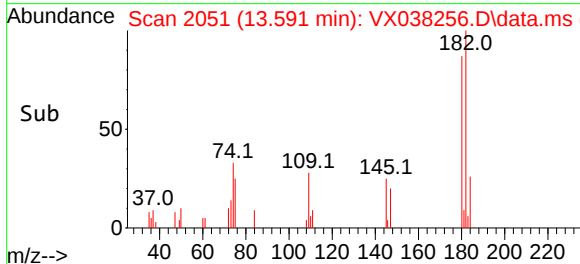
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:180 Resp: 189
Ion Ratio Lower Upper
180 100
182 104.6 48.3 144.8
145 31.0 18.0 54.0

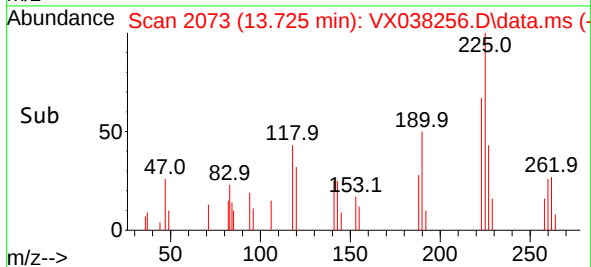
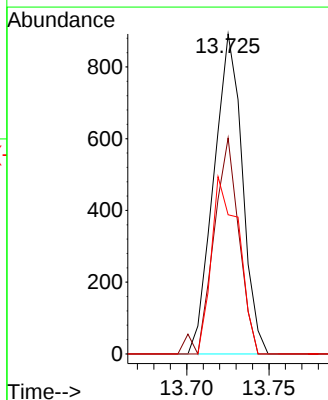
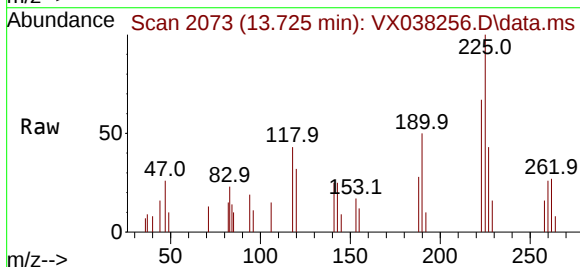
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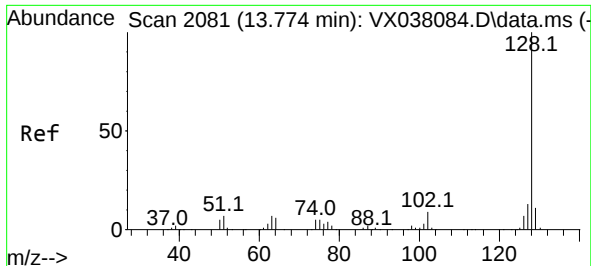
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#94
Hexachlorobutadiene
Concen: 1.213 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

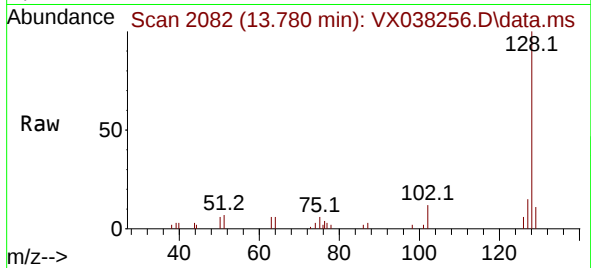
Tgt Ion:225 Resp: 1077
Ion Ratio Lower Upper
225 100
223 59.6 31.1 93.2
227 52.6 32.5 97.5





#95
Naphthalene
Concen: 0.808 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

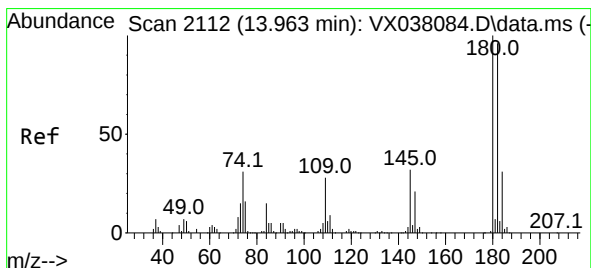
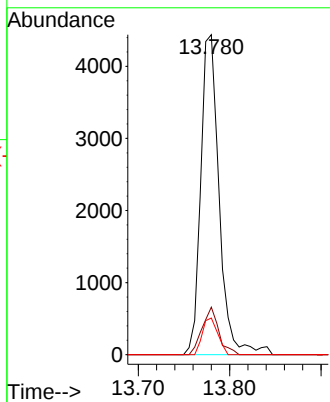
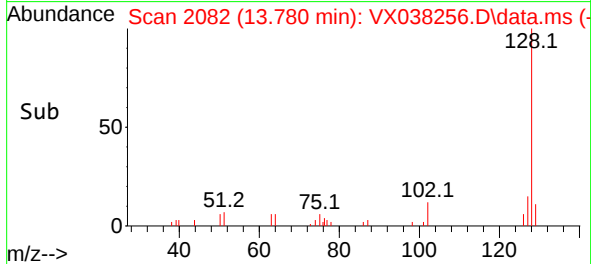
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:128 Resp: 621
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 9.6 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.900 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX038256.D
Acq: 12 Oct 2023 15:03

Tgt Ion:180 Resp: 1923
Ion Ratio Lower Upper
180 100
182 101.6 46.9 140.6
145 36.2 17.8 53.5

