

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121124\
 Data File : VX044236.D
 Acq On : 11 Dec 2024 18:28
 Operator : JC/MD
 Sample : P4368-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Dec 12 05:36:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 05:32:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/12/2024
 Supervised By : Mahesh Dadoda 12/12/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	137497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	257478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	122825	50.948	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.900%		
35) Dibromofluoromethane	5.385	113	82862	46.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.940%		
50) Toluene-d8	8.647	98	294612	48.969	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.940%		
62) 4-Bromofluorobenzene	11.079	95	96341	45.828	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1785	0.840	ug/l	89
3) Chloromethane	1.295	50	1857	0.913	ug/l	92
4) Vinyl Chloride	1.374	62	2002	0.945	ug/l	93
5) Bromomethane	1.593	94	2188	1.456	ug/l	93
6) Chloroethane	1.666	64	1497	1.135	ug/l	90
7) Trichlorofluoromethane	1.868	101	4152	1.001	ug/l	94
8) Diethyl Ether	2.136	74	1600	1.130	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	1448	0.863	ug/l #	80
10) Methyl Iodide	2.447	142	1843	0.833	ug/l #	91
11) Tert butyl alcohol	2.935	59	5882	17.312	ug/l #	71
12) 1,1-Dichloroethene	2.307	96	1495	0.970	ug/l	85
13) Acrolein	2.240	56	2325	4.727	ug/l	96
14) Allyl chloride	2.654	41	2570	1.001	ug/l #	81
15) Acrylonitrile	3.075	53	4233	4.498	ug/l	95
16) Acetone	2.392	43	4372	4.448	ug/l	96
17) Carbon Disulfide	2.502	76	2450	0.836	ug/l	97
18) Methyl Acetate	2.703	43	2708	1.069	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	5530	0.919	ug/l #	81
20) Methylene Chloride	2.782	84	2015	1.092	ug/l #	92
21) trans-1,2-Dichloroethene	3.087	96	1638	1.000	ug/l #	75
22) Diisopropyl ether	3.770	45	5216	0.902	ug/l #	86
23) Vinyl Acetate	3.727	43	17402	3.703	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	3117	0.967	ug/l #	91
25) 2-Butanone	4.587	43	6235	4.462	ug/l	97
26) 2,2-Dichloropropane	4.465	77	2397	0.916	ug/l	87
27) cis-1,2-Dichloroethene	4.495	96	1936	0.931	ug/l	84
28) Bromochloromethane	4.898	49	1506	0.953	ug/l #	86
29) Tetrahydrofuran	5.026	42	4358	4.859	ug/l #	86
30) Chloroform	5.099	83	3233	0.893	ug/l	95
31) Cyclohexane	5.471	56	2544	0.978	ug/l #	92
32) 1,1,1-Trichloroethane	5.397	97	2650	0.882	ug/l #	51
36) 1,1-Dichloropropene	5.708	75	2492	1.081	ug/l #	79
37) Ethyl Acetate	4.751	43	2921	1.025	ug/l #	74
38) Carbon Tetrachloride	5.666	117	2237	0.901	ug/l	91
39) Methylcyclohexane	7.379	83	2536	0.920	ug/l	91
40) Benzene	6.038	78	6779	0.969	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	763	0.504	ug/l #	82
42) 1,2-Dichloroethane	6.099	62	3126	1.084	ug/l	95
43) Isopropyl Acetate	6.355	43	3802	0.854	ug/l #	75
44) Trichloroethene	7.135	130	1705	0.977	ug/l	86
45) 1,2-Dichloropropane	7.428	63	1619	0.905	ug/l #	87
46) Dibromomethane	7.598	93	1135	0.818	ug/l #	88
47) Bromodichloromethane	7.824	83	1904	0.795	ug/l #	89
48) Methyl methacrylate	7.720	41	2487m	1.150	ug/l	
49) 1,4-Dioxane	7.696	88	187	5.217	ug/l #	51
51) 4-Methyl-2-Pentanone	8.580	43	11106	3.878	ug/l	98
52) Toluene	8.714	92	3736	0.850	ug/l	84
53) t-1,3-Dichloropropene	8.988	75	1576	0.672	ug/l	88
54) cis-1,3-Dichloropropene	8.373	75	2016	0.773	ug/l #	85
55) 1,1,2-Trichloroethane	9.159	97	1647	0.943	ug/l	91
56) Ethyl methacrylate	9.129	69	1732	0.628	ug/l #	68
57) 1,3-Dichloropropane	9.318	76	2601	0.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	6297	4.529	ug/l	97
59) 2-Hexanone	9.439	43	7698	3.714	ug/l	97
60) Dibromochloromethane	9.525	129	1296	0.773	ug/l	94
61) 1,2-Dibromoethane	9.616	107	1533	0.863	ug/l	100
64) Tetrachloroethene	9.275	164	1350	0.954	ug/l #	90
65) Chlorobenzene	10.080	112	4398	0.963	ug/l #	80
66) 1,1,1,2-Tetrachloroethane	10.165	131	1299	0.885	ug/l #	62
67) Ethyl Benzene	10.195	91	6952	0.881	ug/l	95
68) m/p-Xylenes	10.299	106	5070	1.751	ug/l	100
69) o-Xylene	10.647	106	2573	0.878	ug/l	96
70) Styrene	10.659	104	4025	0.857	ug/l	98
71) Bromoform	10.805	173	668	0.714	ug/l #	95
73) Isopropylbenzene	10.964	105	6647	1.001	ug/l	97
74) N-amyl acetate	10.848	43	2043	0.666	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	11.207	83	2596	1.126	ug/l	82
76) 1,2,3-Trichloropropane	11.244	75	2257m	1.166	ug/l	
77) Bromobenzene	11.201	156	1618	1.005	ug/l	96
78) n-propylbenzene	11.305	91	7218	0.984	ug/l	95
79) 2-Chlorotoluene	11.366	91	5210	1.098	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	5164	0.938	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	54676	90.753	ug/l #	4
82) 4-Chlorotoluene	11.457	91	5310	1.010	ug/l	93
83) tert-Butylbenzene	11.713	119	5069	0.932	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	5002	0.925	ug/l	96
85) sec-Butylbenzene	11.890	105	5445	0.824	ug/l	93
86) p-Isopropyltoluene	12.012	119	4615	0.839	ug/l	87
87) 1,3-Dichlorobenzene	11.969	146	2854	1.015	ug/l	96
88) 1,4-Dichlorobenzene	12.037	146	3133m	1.084	ug/l	
89) n-Butylbenzene	12.335	91	3500	0.757	ug/l	92
90) Hexachloroethane	12.536	117	567	0.707	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	2818	0.965	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.951	75	360	0.804	ug/l	70
93) 1,2,4-Trichlorobenzene	13.597	180	1486	0.928	ug/l	85
94) Hexachlorobutadiene	13.719	225	610	0.947	ug/l	91
95) Naphthalene	13.780	128	4704	0.753	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	1409	0.830	ug/l	83

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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

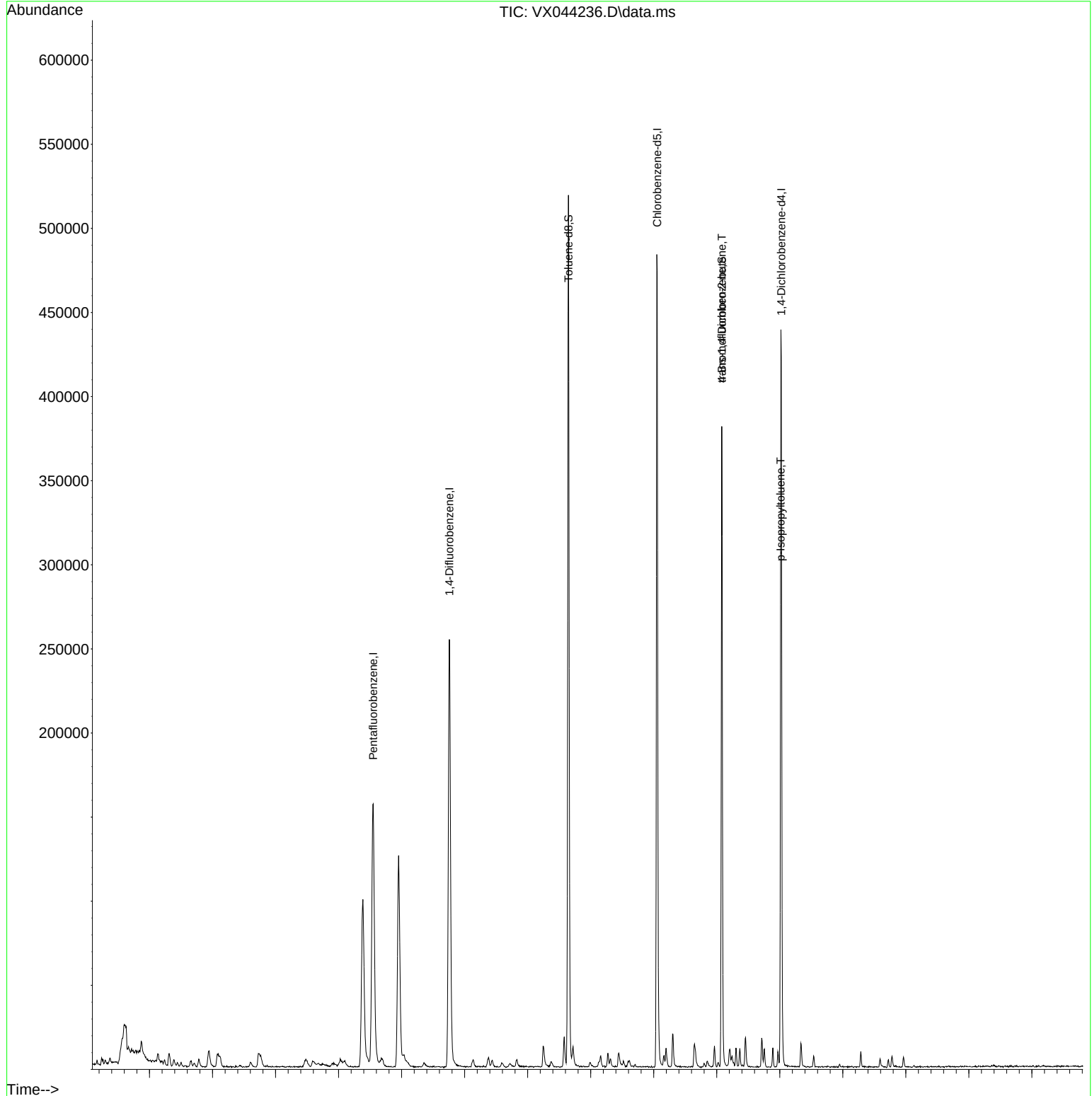
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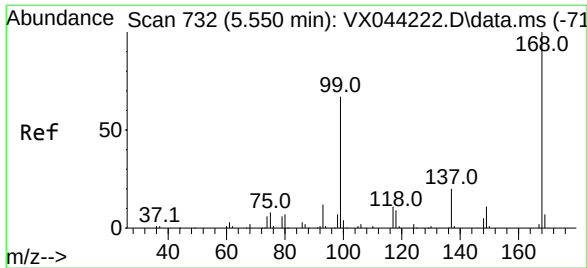
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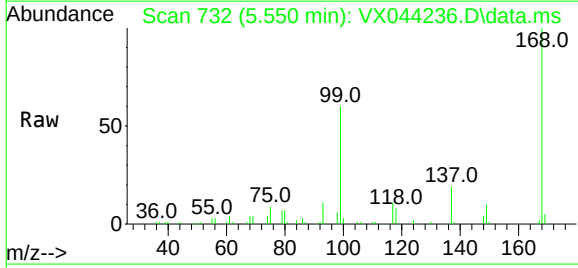
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. -0.000 min
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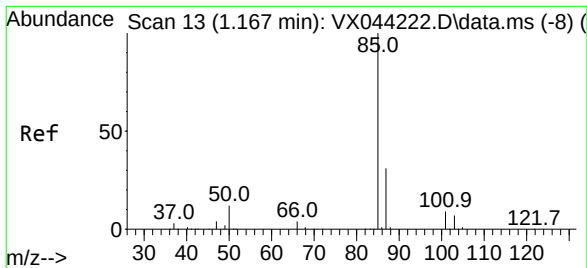
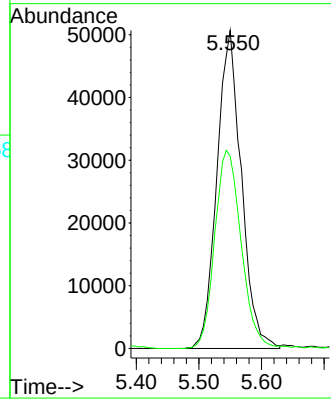
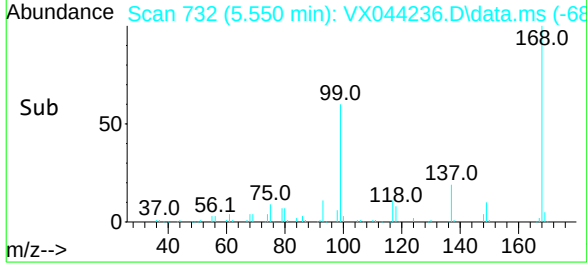
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 168 Resp: 137497
Ion Ratio Lower Upper
168 100
99 60.4 53.4 80.0

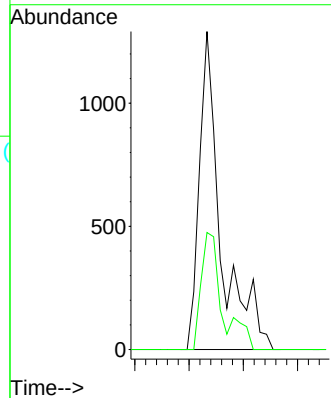
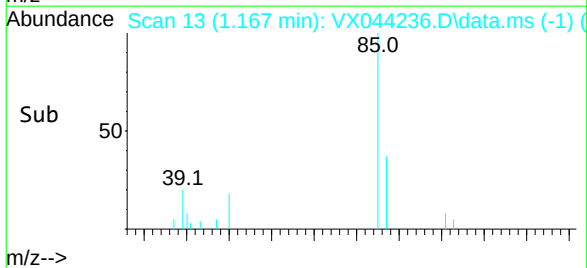
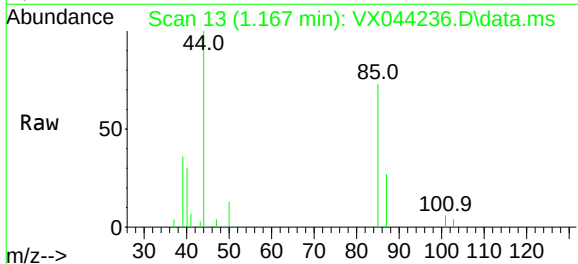
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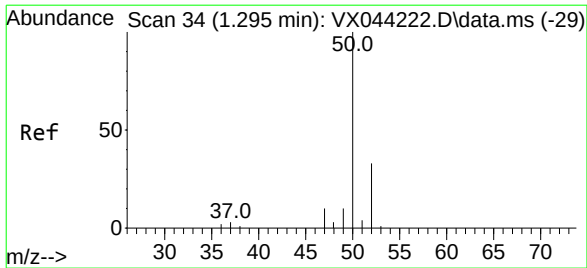
Reviewed By : John Carlone 12/12/2024
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#2
Dichlorodifluoromethane
Concen: 0.840 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

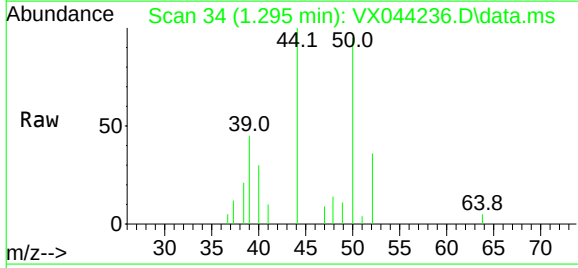
Tgt Ion: 85 Resp: 1785
Ion Ratio Lower Upper
85 100
87 36.8 15.4 46.4





#3
Chloromethane
Concen: 0.913 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

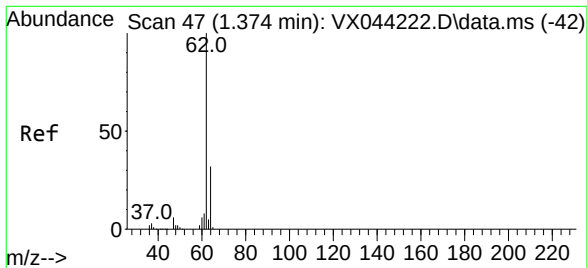
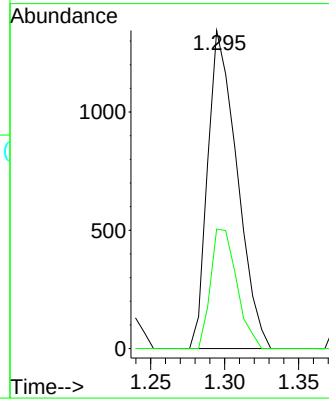
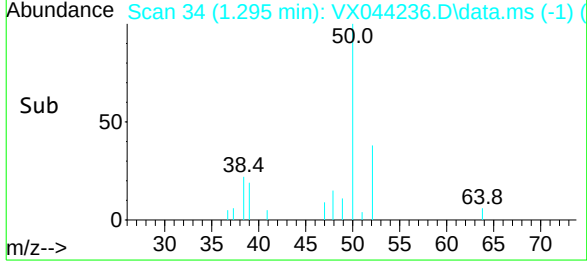
Instrument :
MSVOA_X
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LOQ-WATER-02-QT4-2024



Tgt Ion: 50 Resp: 1857
Ion Ratio Lower Upper
50 100
52 37.5 26.5 39.7

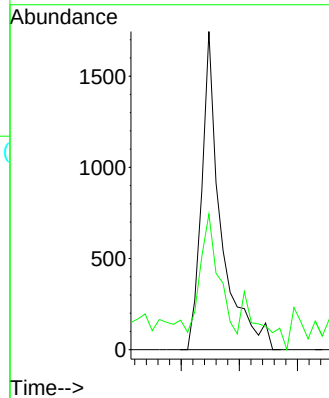
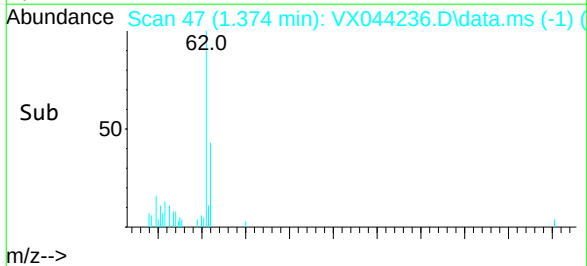
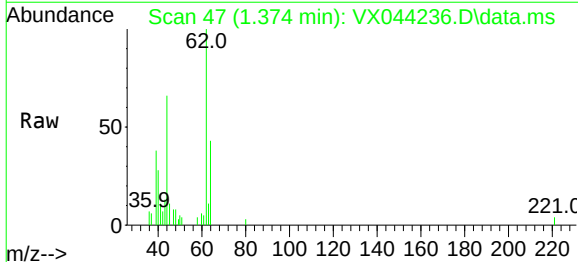
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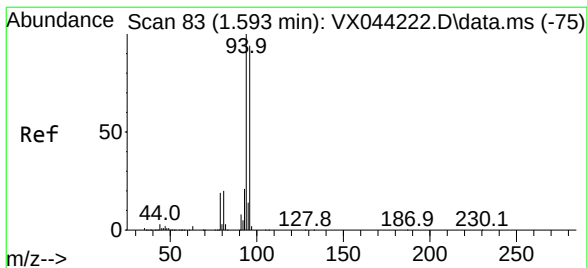
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#4
Vinyl Chloride
Concen: 0.945 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Tgt Ion: 62 Resp: 2002
Ion Ratio Lower Upper
62 100
64 35.9 25.7 38.5





#5

Bromomethane

Concen: 1.456 ug/l

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 94 Resp: 2188

Ion Ratio Lower Upper

94 100

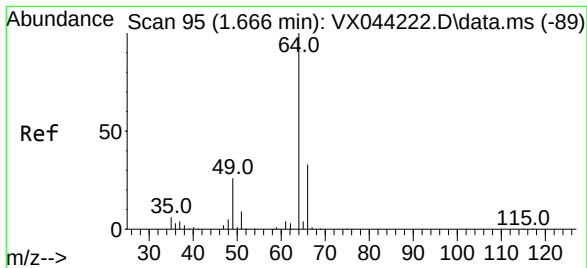
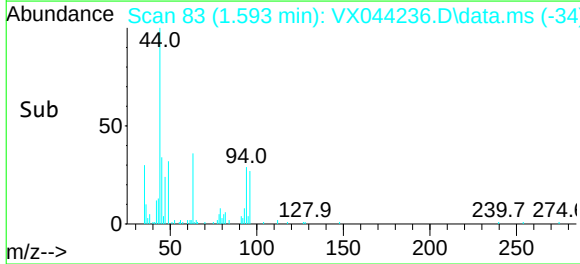
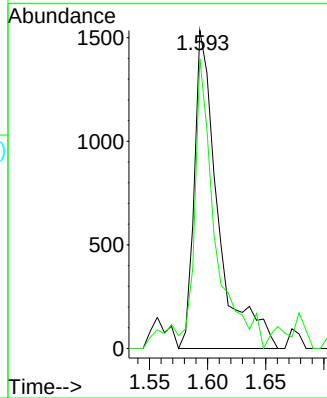
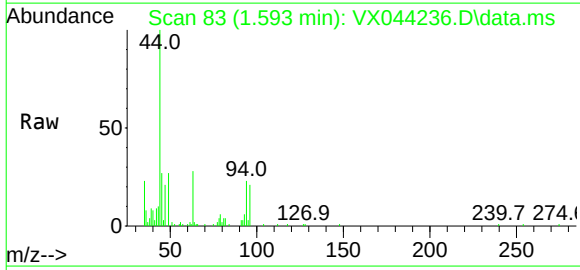
96 87.0 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 1.135 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX044236.D

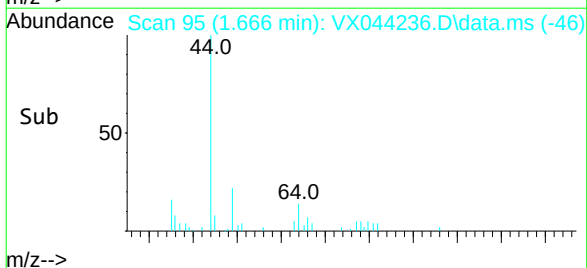
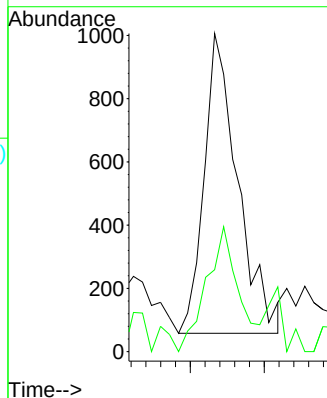
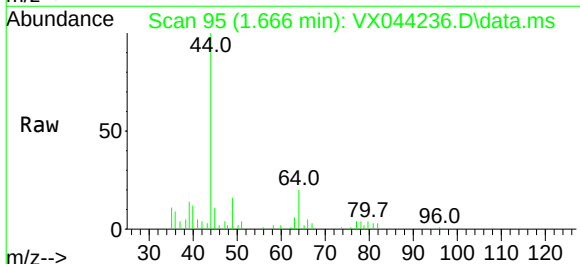
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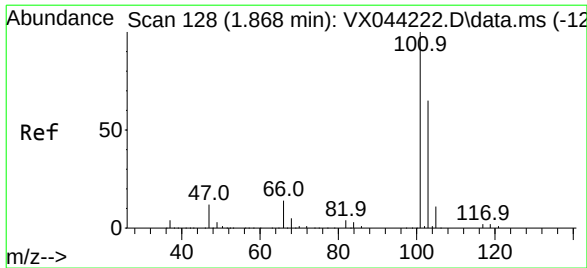
Tgt Ion: 64 Resp: 1497

Ion Ratio Lower Upper

64 100

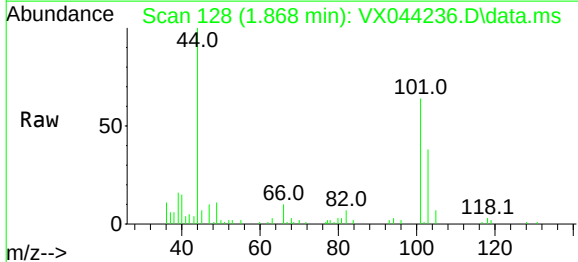
66 27.3 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 1.001 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX044236.D
 Acq: 11 Dec 2024 18:28

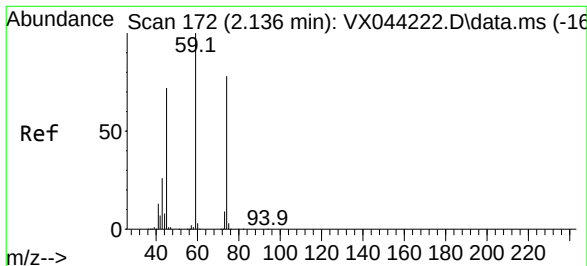
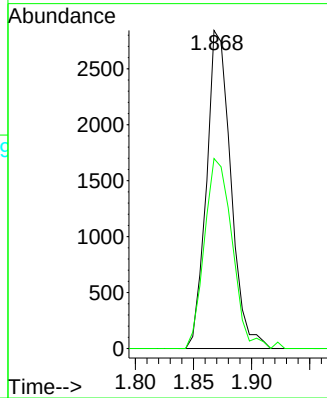
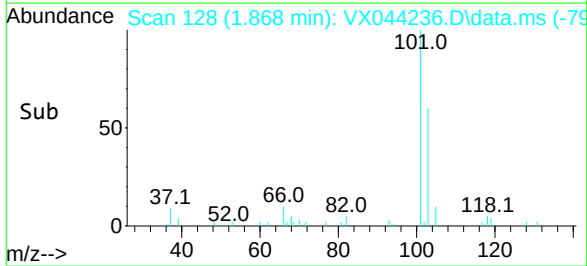
Instrument : MSVOA_X
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Tgt Ion: 101 Resp: 4152
 Ion Ratio Lower Upper
 101 100
 103 59.7 51.8 77.8

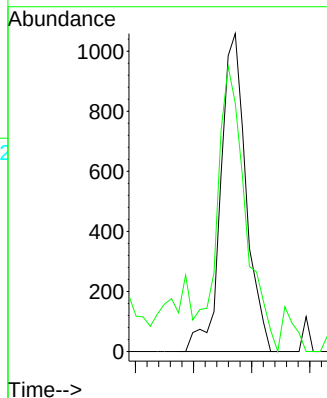
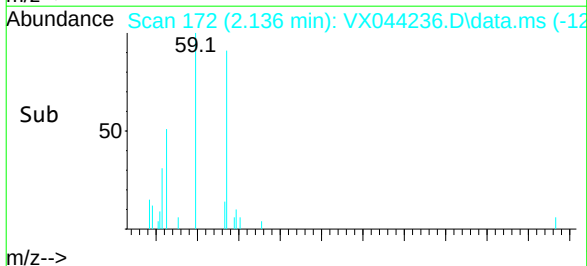
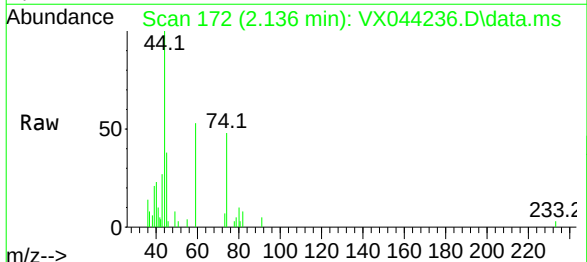
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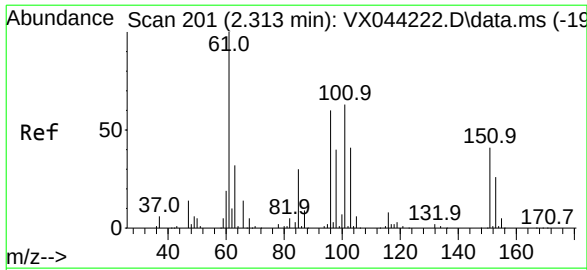
Reviewed By : John Carlone 12/12/2024
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#8
 Diethyl Ether
 Concen: 1.130 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX044236.D
 Acq: 11 Dec 2024 18:28

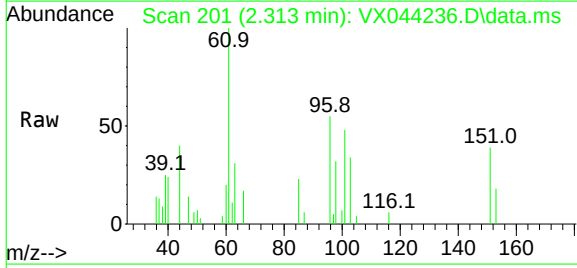
Tgt Ion: 74 Resp: 1600
 Ion Ratio Lower Upper
 74 100
 45 98.1 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.863 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

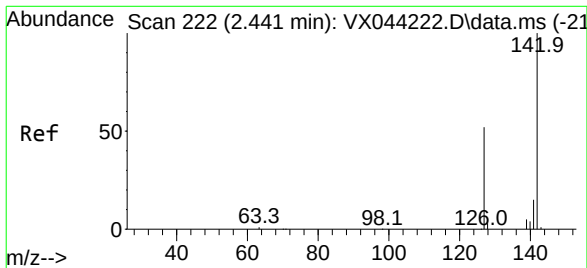
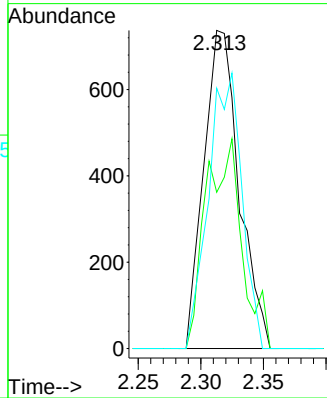
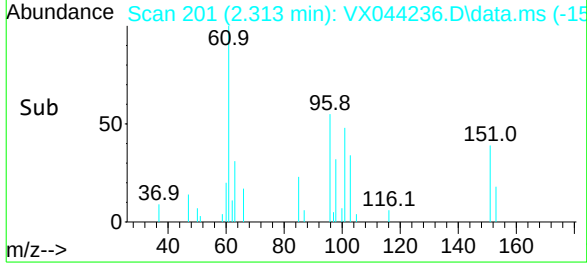
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



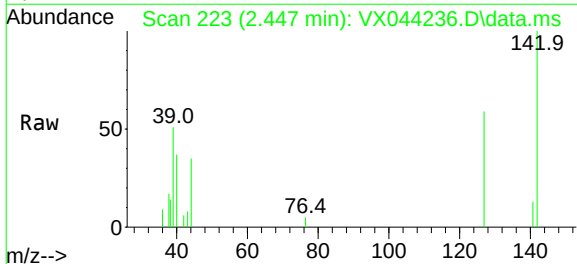
Tgt Ion:101 Resp: 1448
Ion Ratio Lower Upper
101 100
85 67.0 38.5 57.7#
151 81.8 55.8 83.6

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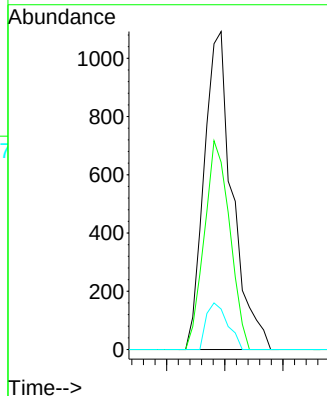
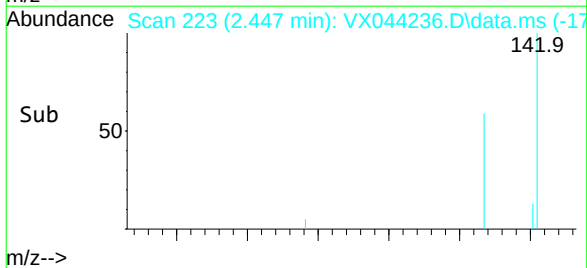
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

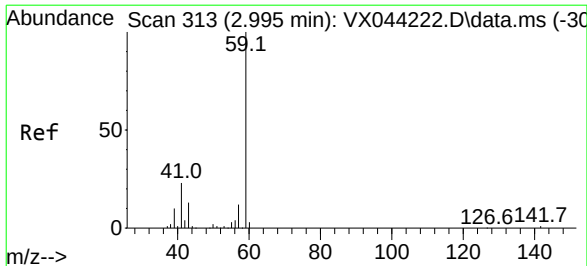


#10
Methyl Iodide
Concen: 0.833 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28



Tgt Ion:142 Resp: 1843
Ion Ratio Lower Upper
142 100
127 59.1 41.8 62.8
141 11.1 11.5 17.3#





#11

Tert butyl alcohol

Concen: 17.312 ug/l

RT: 2.935 min Scan# 30

Delta R.T. -0.061 min

Lab File: VX044236.D

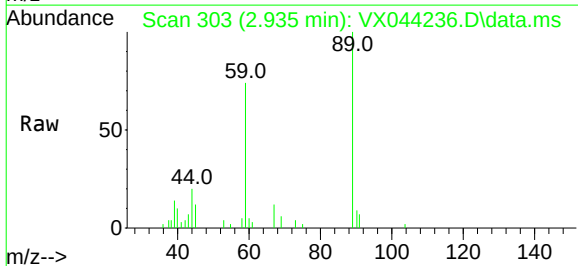
Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

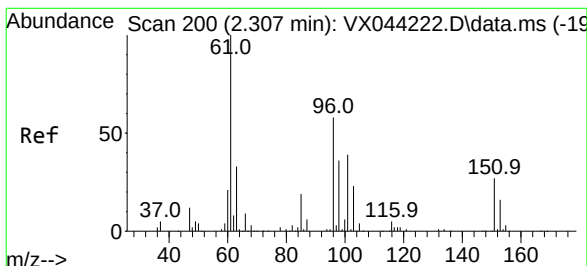
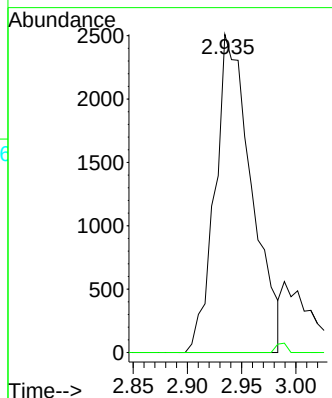
LOQ-WATER-02-QT4-2024



Tgt Ion:	59	Resp:	5882
Ion Ratio	100	Lower	Upper
59	100		
57	0.0	8.8	13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#12

1,1-Dichloroethene

Concen: 0.970 ug/l

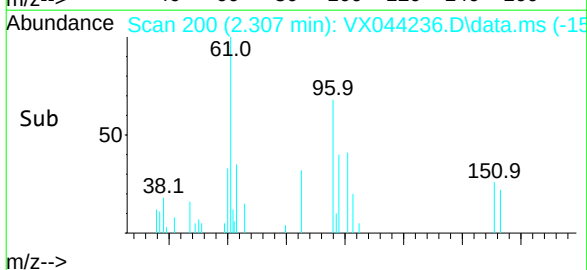
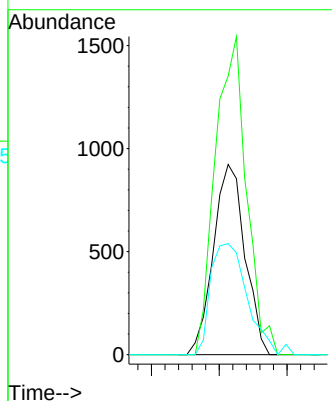
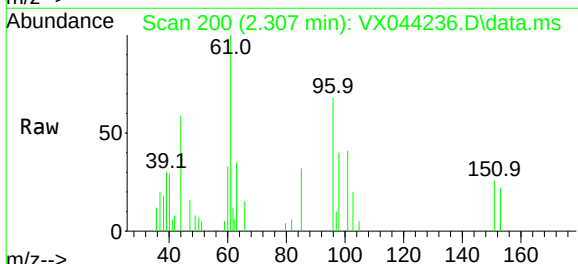
RT: 2.307 min Scan# 200

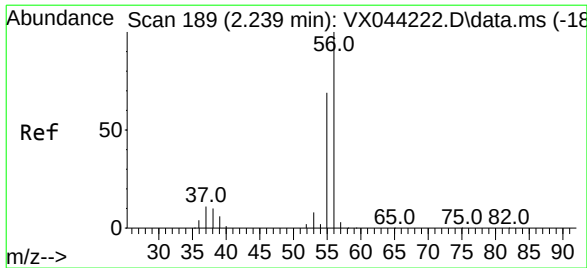
Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:	96	Resp:	1495
Ion Ratio	100	Lower	Upper
96	100		
61	146.5	138.0	207.0
98	58.4	50.0	75.0





#13

Acrolein

Concen: 4.727 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 56 Resp: 2325

Ion Ratio Lower Upper

56 100

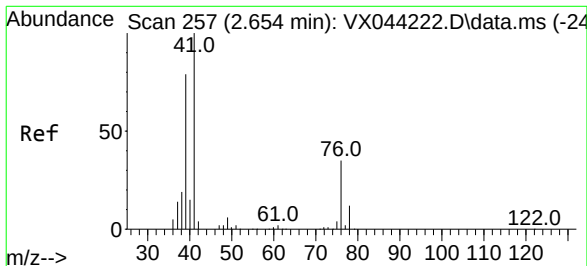
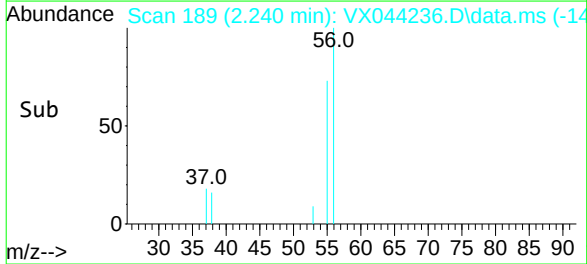
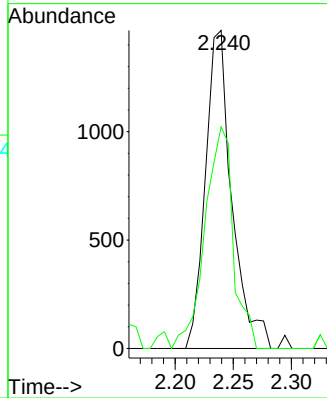
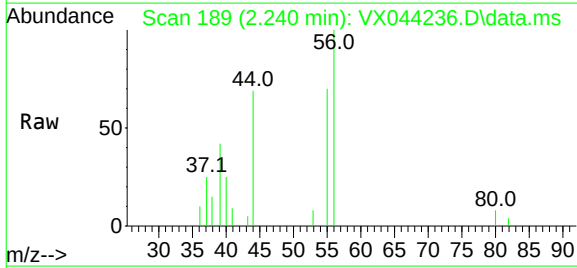
55 74.4 56.6 84.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#14

Allyl chloride

Concen: 1.001 ug/l

RT: 2.654 min Scan# 257

Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

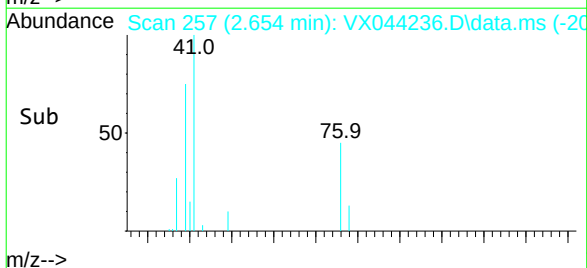
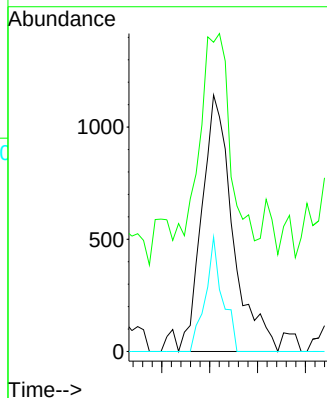
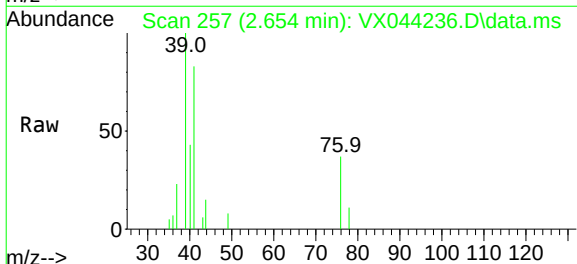
Tgt Ion: 41 Resp: 2570

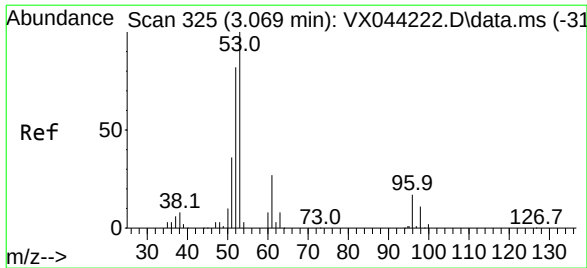
Ion Ratio Lower Upper

41 100

39 95.2 61.9 92.9#

76 24.6 27.4 41.2#





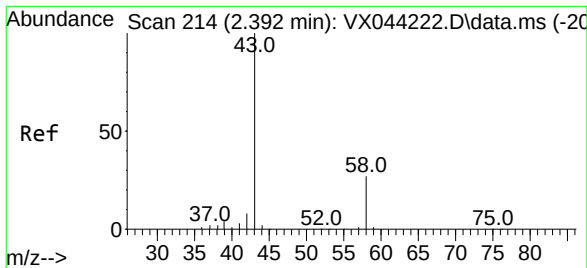
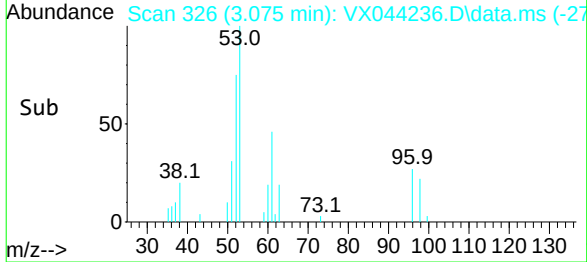
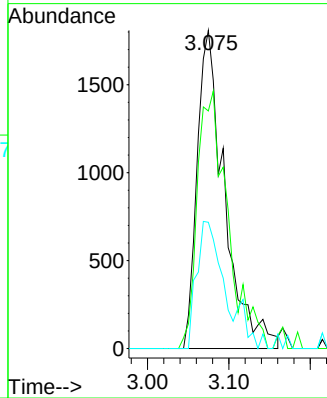
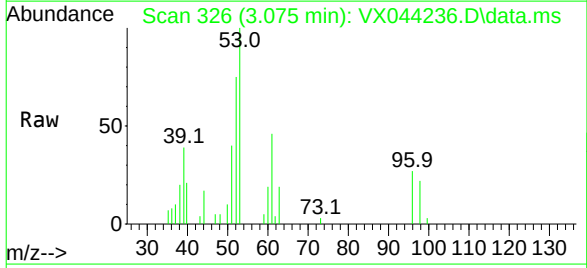
#15
Acrylonitrile
Concen: 4.498 ug/l
RT: 3.075 min Scan# 32
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 53	Resp: 4233
Ion Ratio	Lower Upper
53 100	
52 89.4	67.4 101.0
51 35.8	30.3 45.5

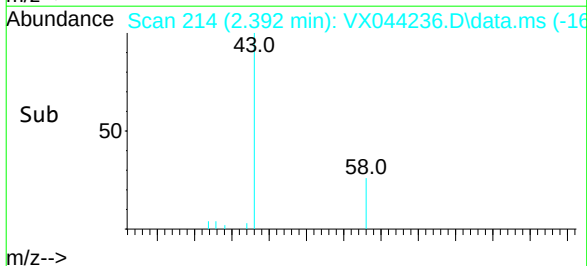
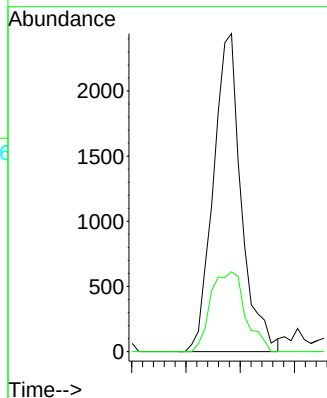
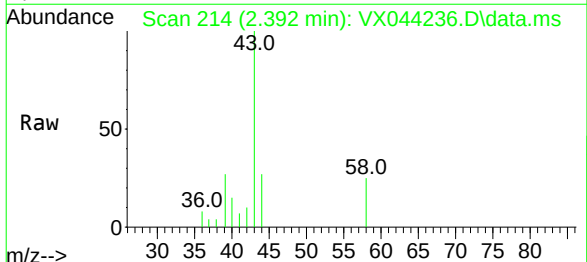
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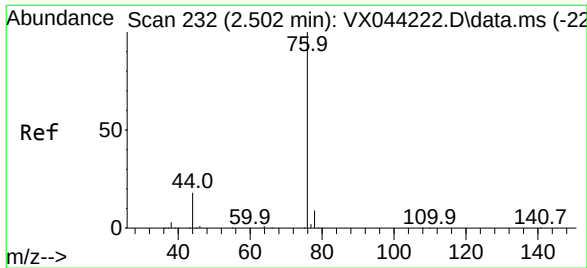
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#16
Acetone
Concen: 4.448 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Tgt Ion: 43	Resp: 4372
Ion Ratio	Lower Upper
43 100	
58 25.1	21.6 32.4





#17

Carbon Disulfide

Concen: 0.836 ug/l

RT: 2.502 min Scan# 23

Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

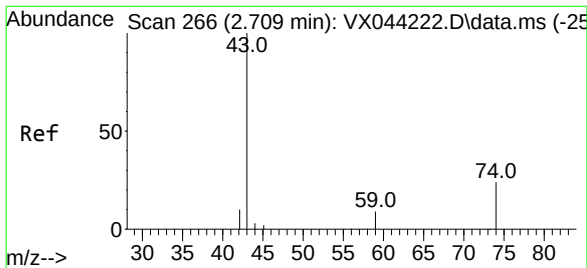
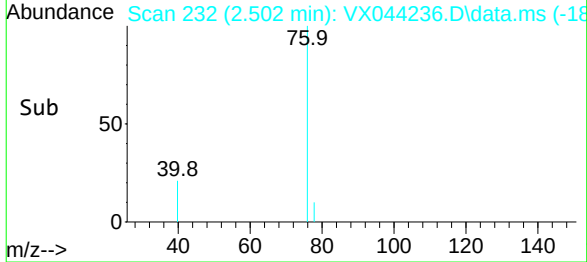
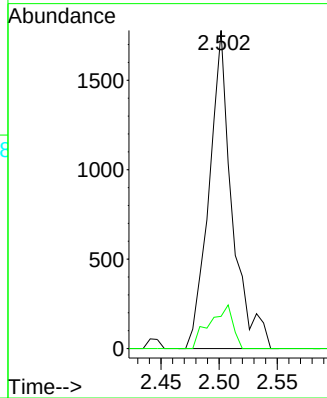
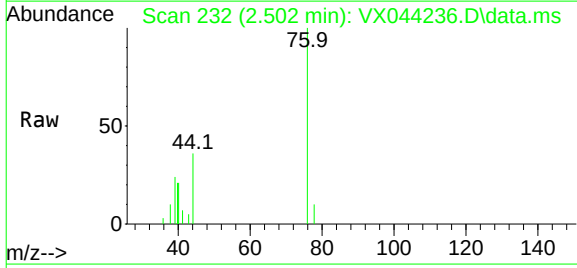
Tgt Ion: 76 Resp: 2450
 Ion Ratio Lower Upper
 76 100
 78 10.1 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#18

Methyl Acetate

Concen: 1.069 ug/l

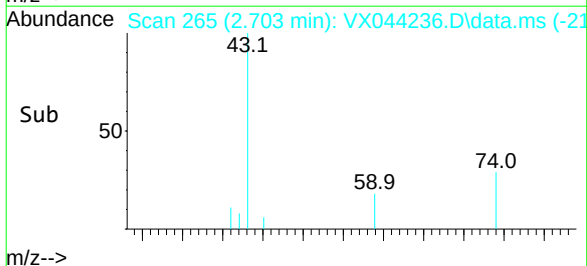
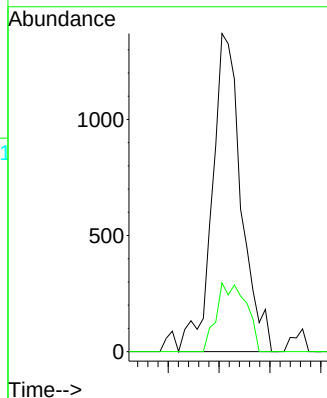
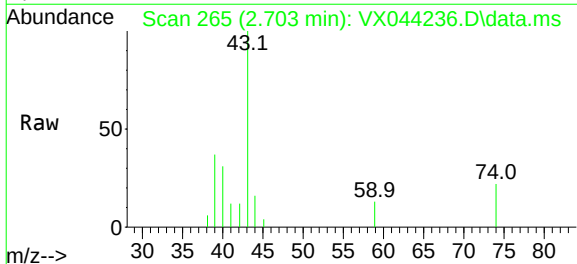
RT: 2.703 min Scan# 265

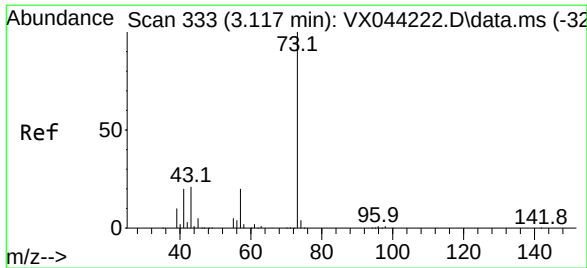
Delta R.T. -0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion: 43 Resp: 2708
 Ion Ratio Lower Upper
 43 100
 74 22.2 17.7 26.5





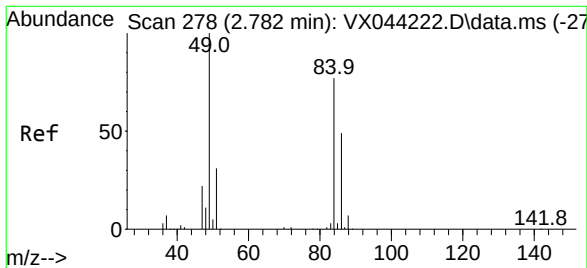
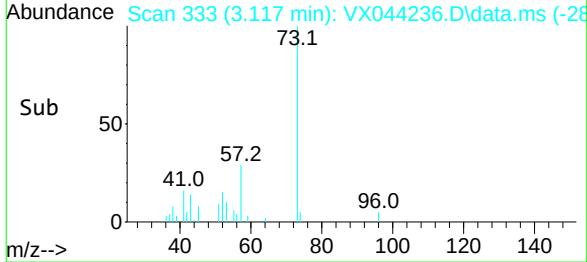
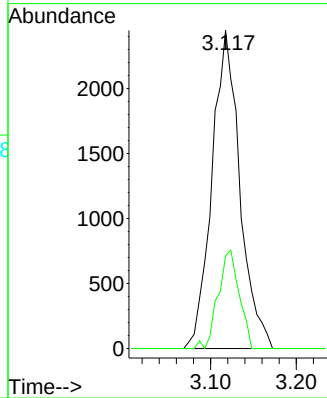
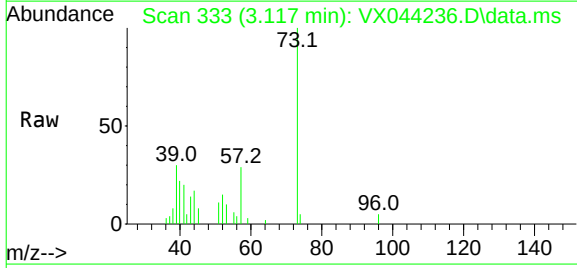
#19
Methyl tert-butyl Ether
Concen: 0.919 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion: 73 Resp: 5530
Ion Ratio Lower Upper
73 100
57 29.1 16.2 24.4#

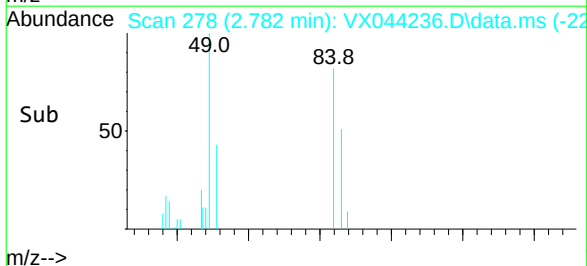
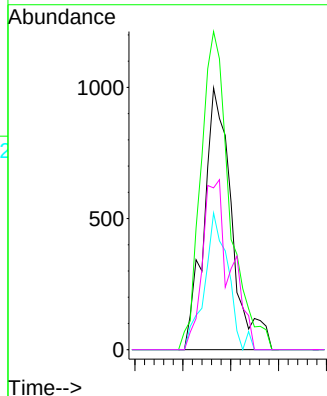
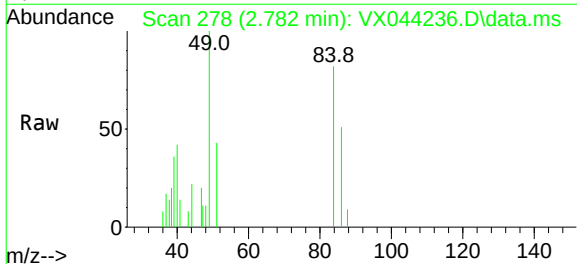
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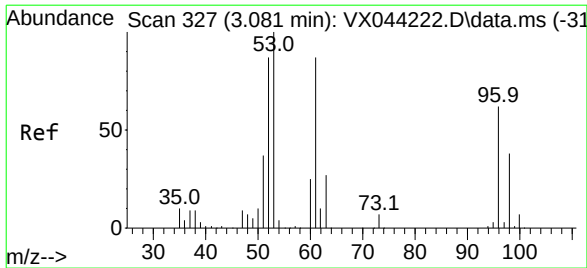
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#20
Methylene Chloride
Concen: 1.092 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

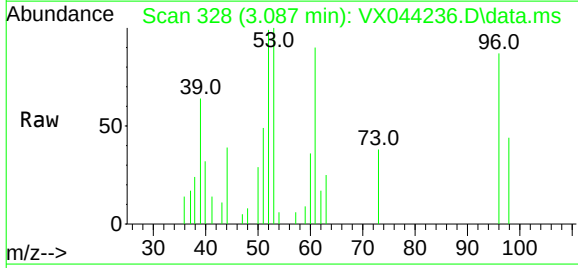
Tgt Ion: 84 Resp: 2015
Ion Ratio Lower Upper
84 100
49 121.5 104.2 156.4
51 52.2 32.2 48.4#
86 61.8 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 1.000 ug/l
RT: 3.087 min Scan# 32
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

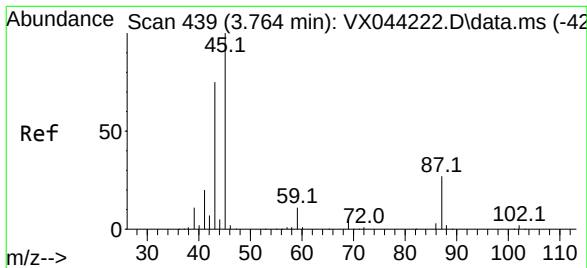
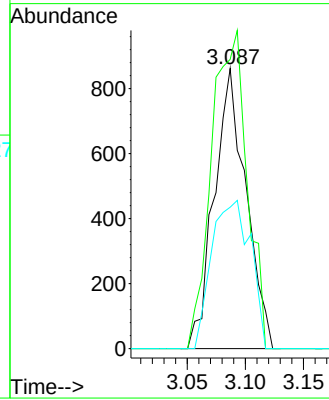
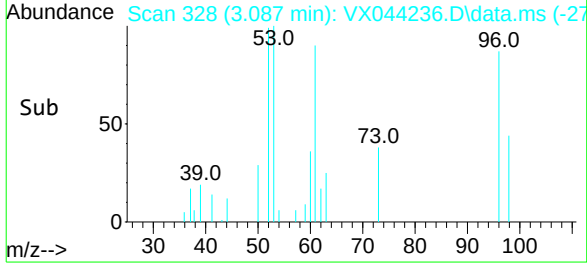
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



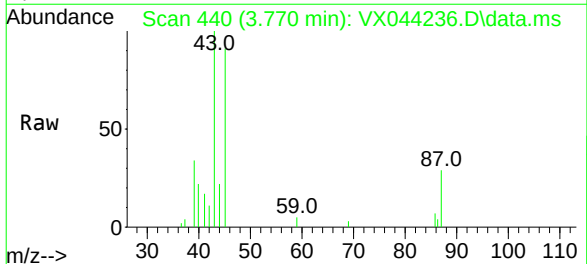
Tgt Ion: 96 Resp: 1638
Ion Ratio Lower Upper
96 100
61 103.2 112.0 168.0#
98 50.5 48.8 73.2

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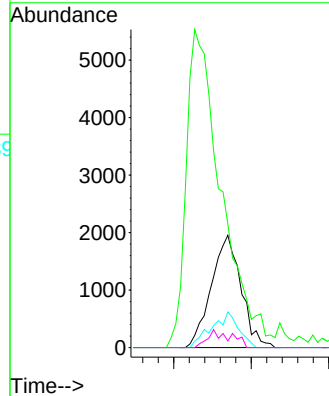
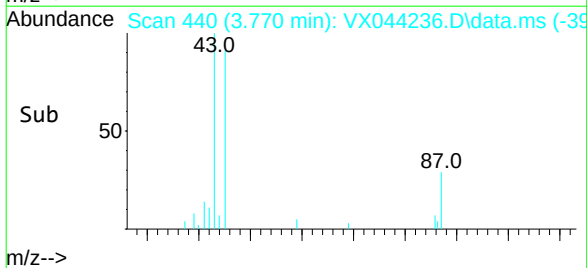
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

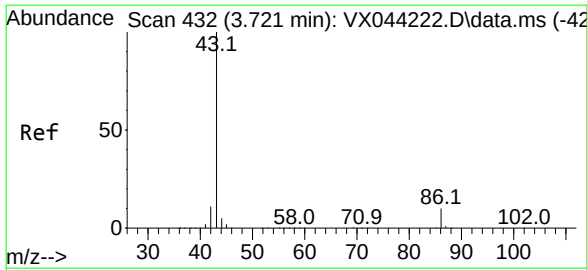


#22
Diisopropyl ether
Concen: 0.902 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28



Tgt Ion: 45 Resp: 5216
Ion Ratio Lower Upper
45 100
43 88.1 60.2 90.2
87 31.8 21.2 31.8
59 5.9 8.9 13.3#





#23

Vinyl Acetate

Concen: 3.703 ug/l

RT: 3.727 min Scan# 43

Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

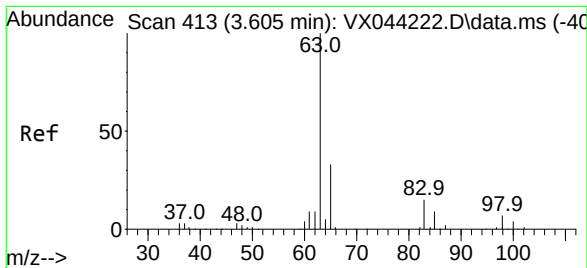
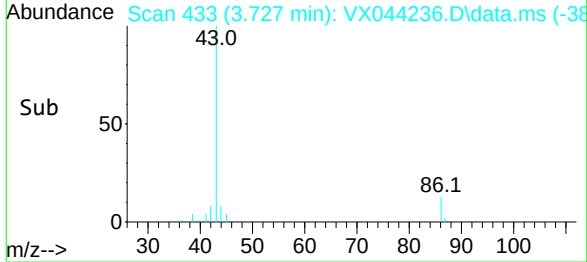
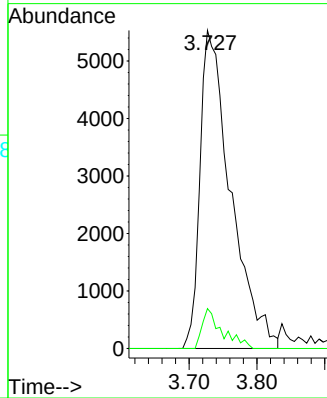
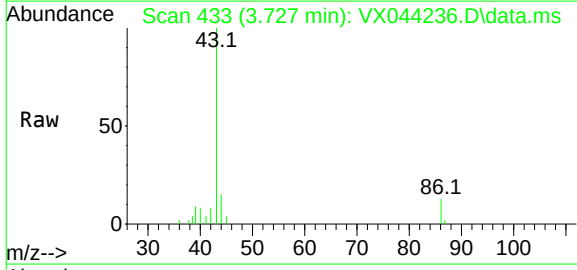
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 17402
 Ion Ratio Lower Upper
 43 100
 86 12.5 8.2 12.2#

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024



#24

1,1-Dichloroethane

Concen: 0.967 ug/l

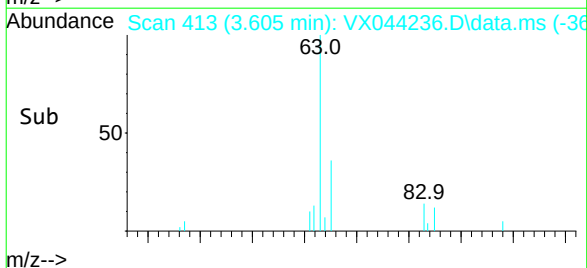
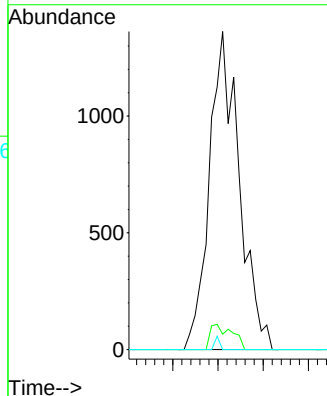
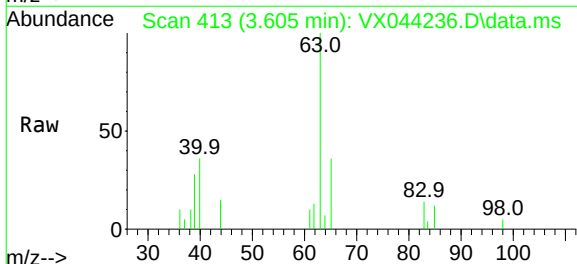
RT: 3.605 min Scan# 413

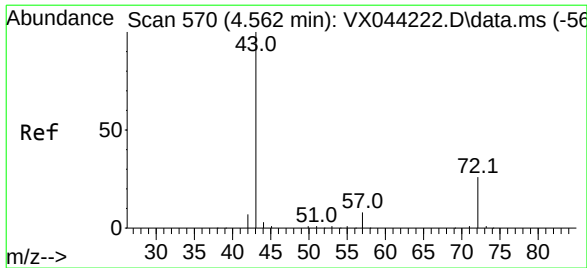
Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion: 63 Resp: 3117
 Ion Ratio Lower Upper
 63 100
 98 4.8 3.6 10.8
 100 0.0 2.1 6.3#





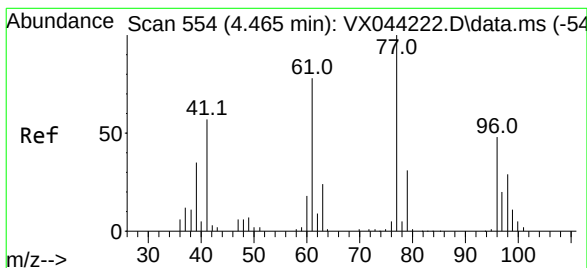
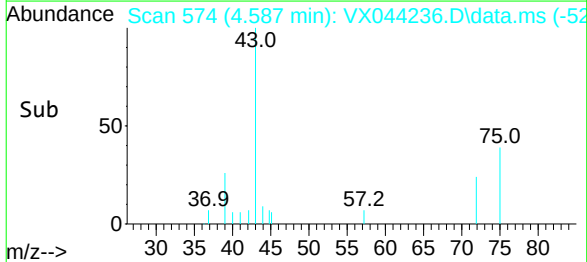
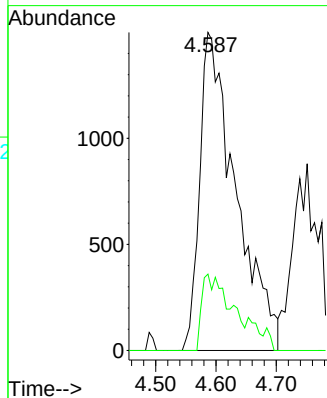
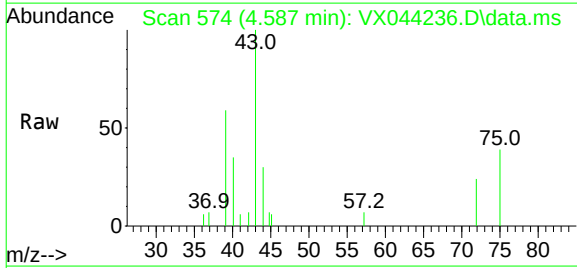
#25
2-Butanone
Concen: 4.462 ug/l
RT: 4.587 min Scan# 571
Delta R.T. 0.024 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 6235
Ion Ratio Lower Upper
43 100
72 24.0 20.2 30.4

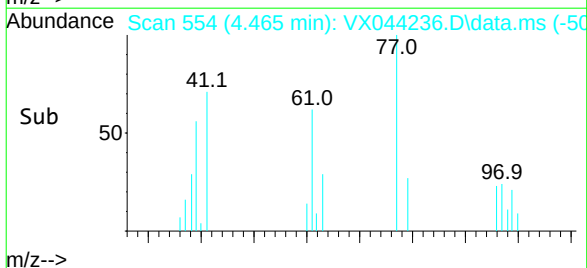
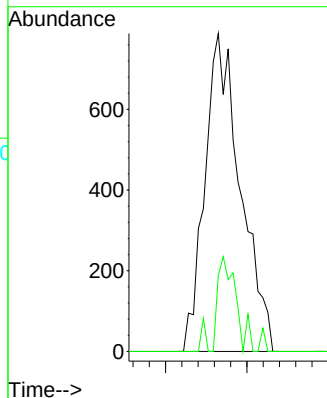
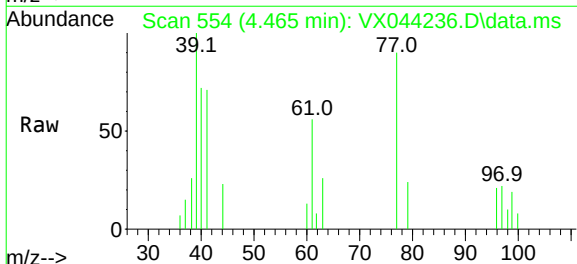
Manual Integrations
APPROVED

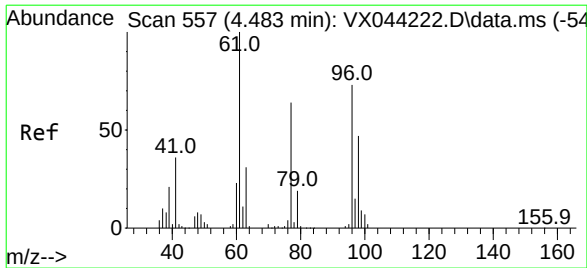
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#26
2,2-Dichloropropane
Concen: 0.916 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

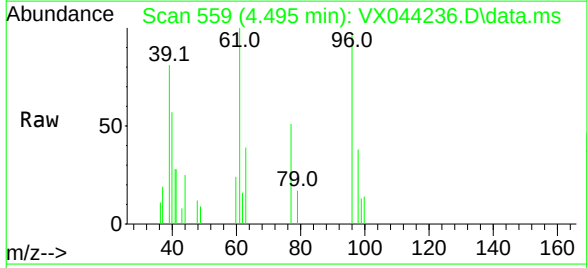
Tgt Ion: 77 Resp: 2397
Ion Ratio Lower Upper
77 100
97 15.2 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 0.931 ug/l
 RT: 4.495 min Scan# 557
 Delta R.T. 0.012 min
 Lab File: VX044236.D
 Acq: 11 Dec 2024 18:28

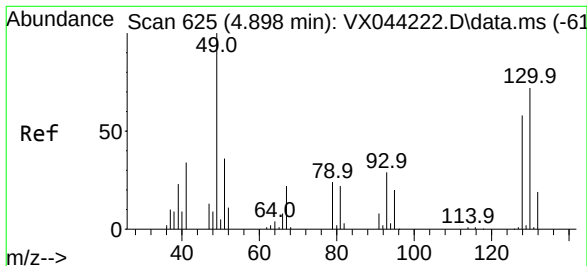
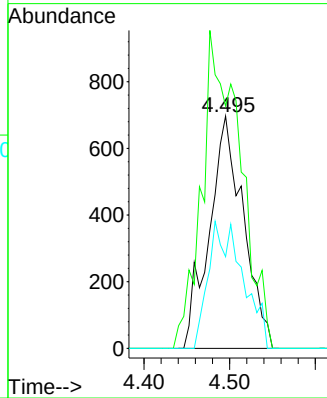
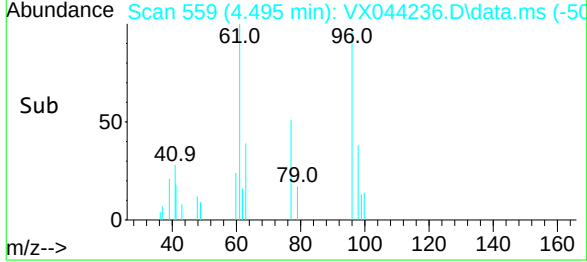
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.1	0.0	299.0
98	27.5	0.0	129.0

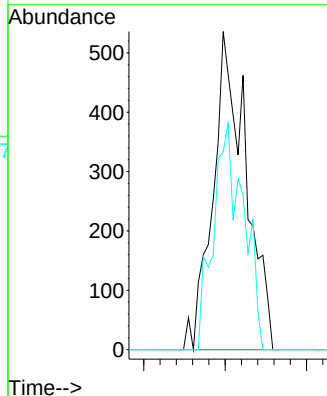
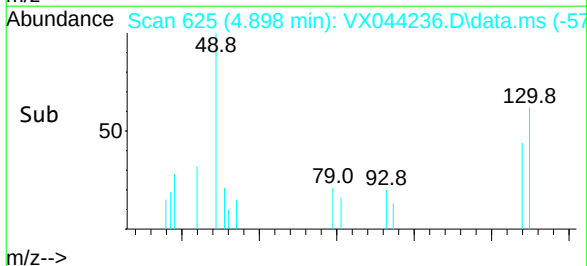
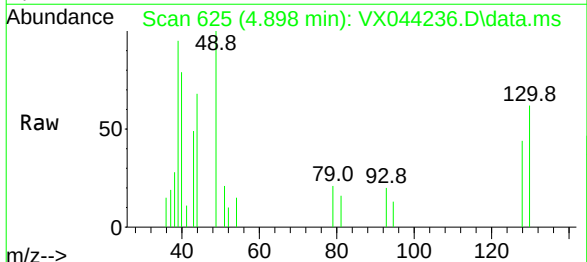
Manual Integrations
 APPROVED

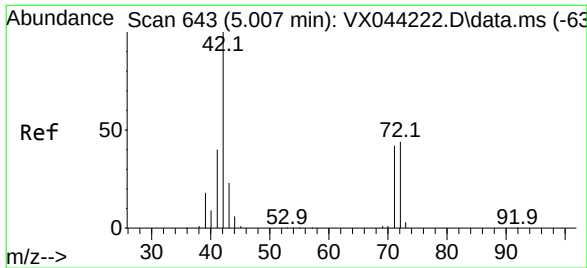
Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024



#28
 Bromochloromethane
 Concen: 0.953 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.000 min
 Lab File: VX044236.D
 Acq: 11 Dec 2024 18:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	65.7	62.1	93.1





#29

Tetrahydrofuran

Concen: 4.859 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

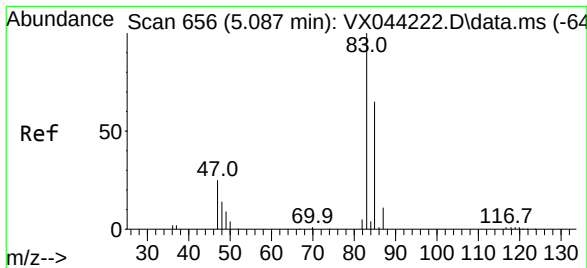
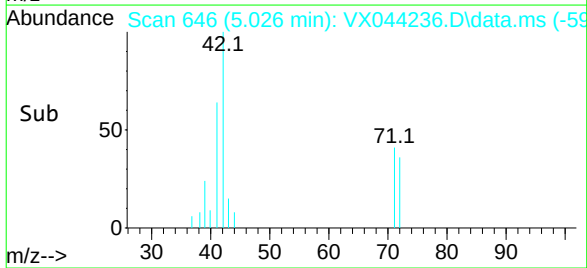
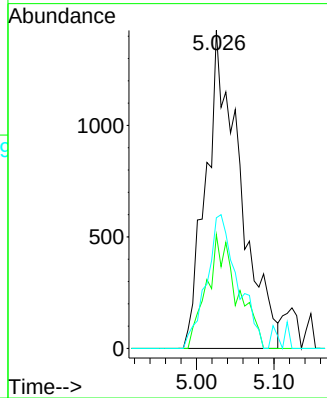
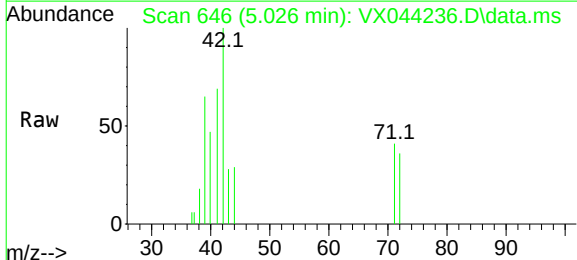
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:	42	Resp:	4358
Ion	Ratio	Lower	Upper
42	100		
72	32.1	37.0	55.6
71	38.3	33.6	50.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#30

Chloroform

Concen: 0.893 ug/l

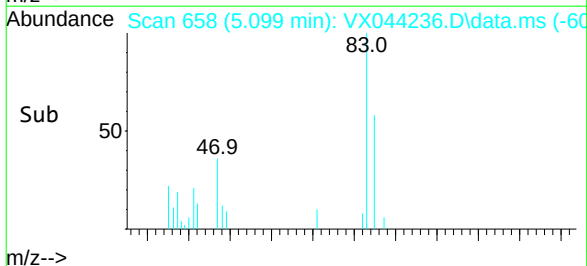
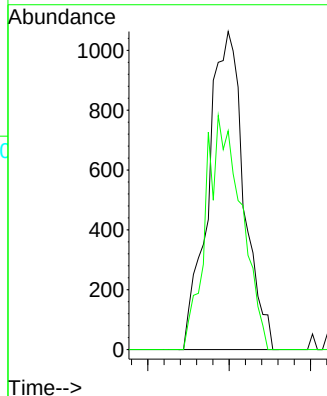
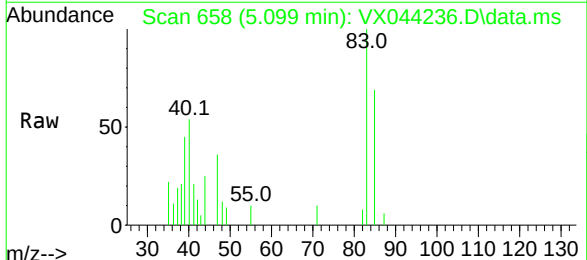
RT: 5.099 min Scan# 658

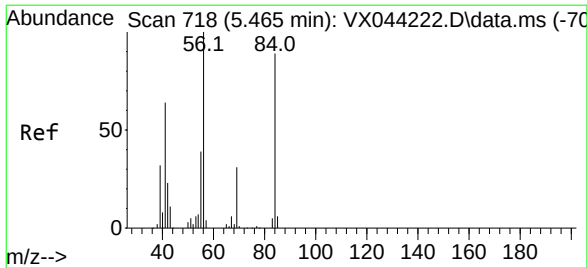
Delta R.T. 0.012 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:	83	Resp:	3233
Ion	Ratio	Lower	Upper
83	100		
85	68.8	51.6	77.4





#31

Cyclohexane

Concen: 0.978 ug/l

RT: 5.471 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX044236.D

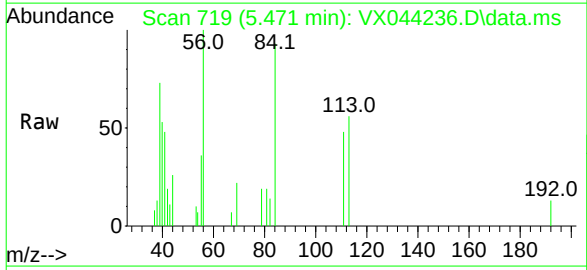
Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion: 56 Resp: 2544

Ion Ratio Lower Upper

56 100

69 21.6 24.7 37.1#

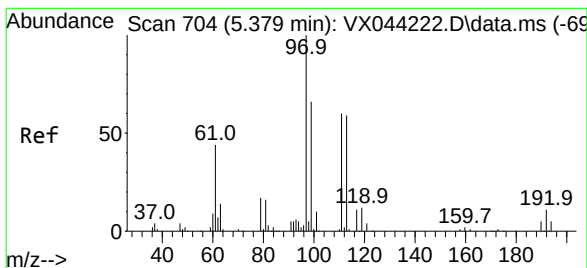
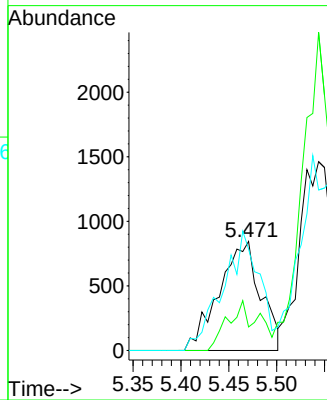
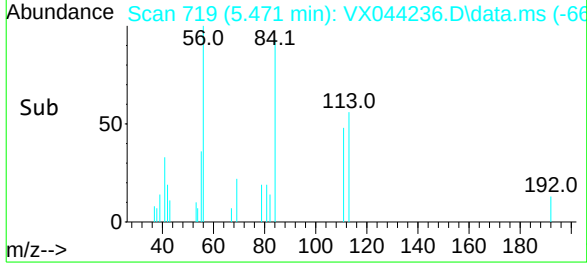
84 93.1 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#32

1,1,1-Trichloroethane

Concen: 0.882 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.018 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

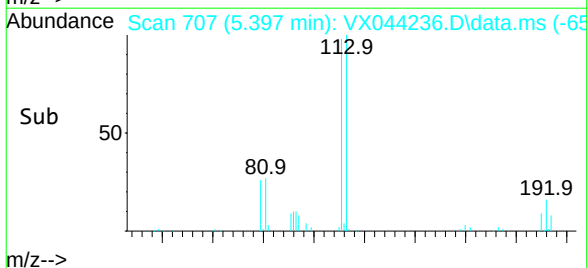
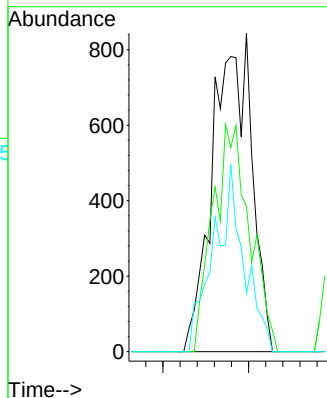
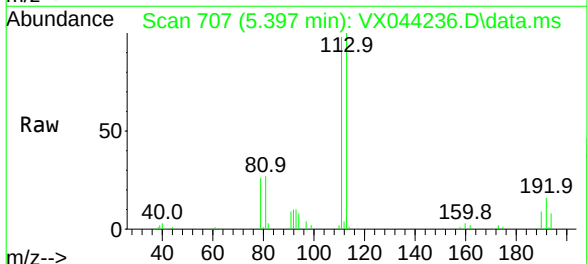
Tgt Ion: 97 Resp: 2650

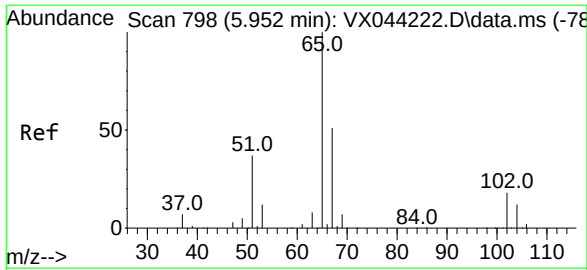
Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

61 45.8 35.2 52.8





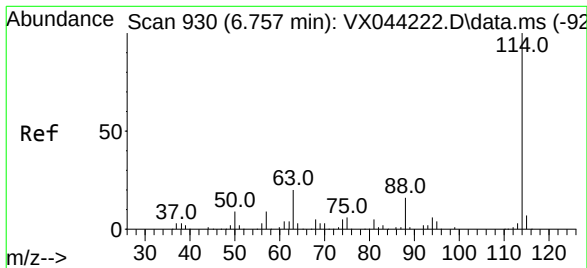
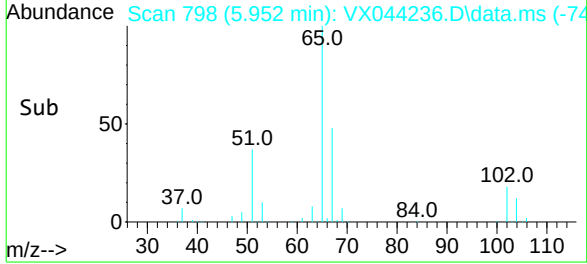
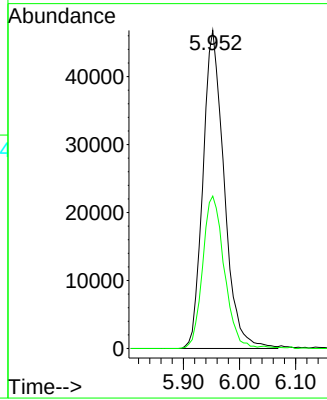
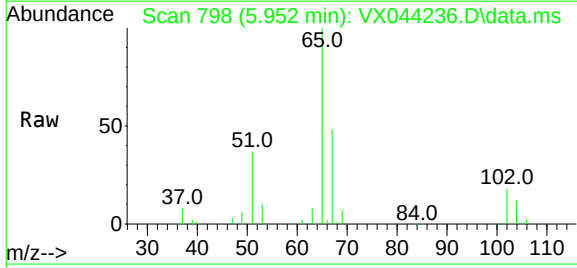
#33
1,2-Dichloroethane-d4
Concen: 50.948 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 65 Resp: 122825
Ion Ratio Lower Upper
65 100
67 48.7 0.0 101.6

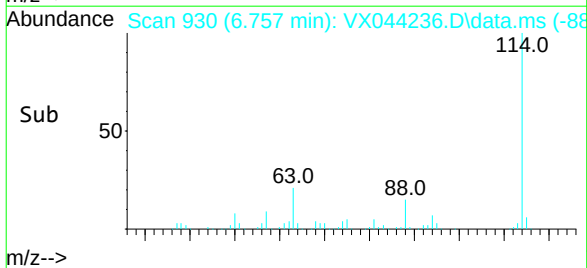
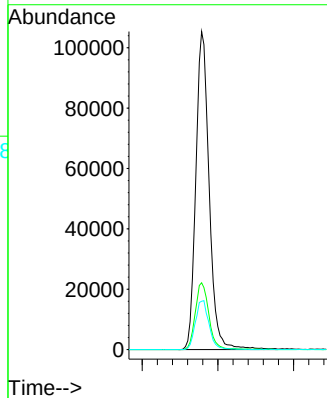
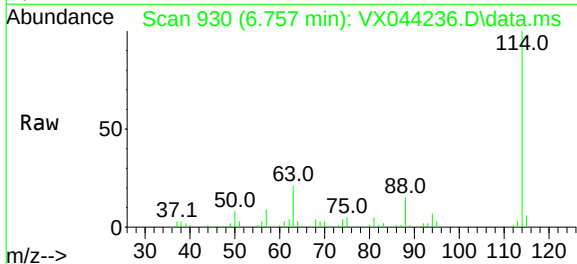
Manual Integrations
APPROVED

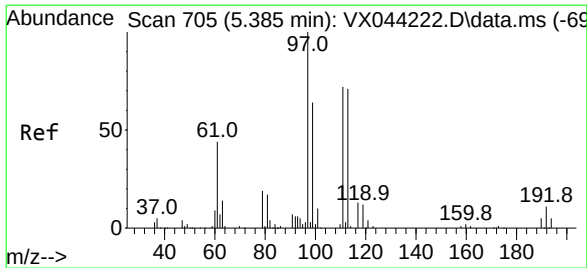
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

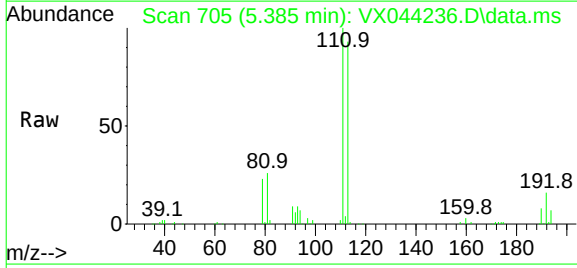
Tgt Ion:114 Resp: 257478
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.6
88 15.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 46.466 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

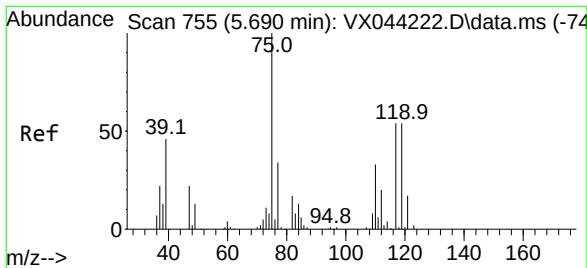
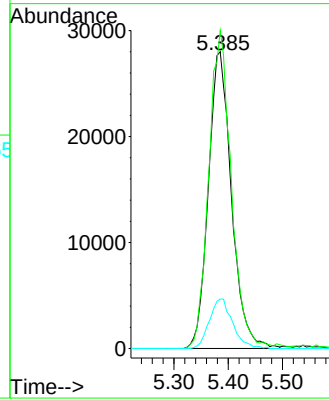
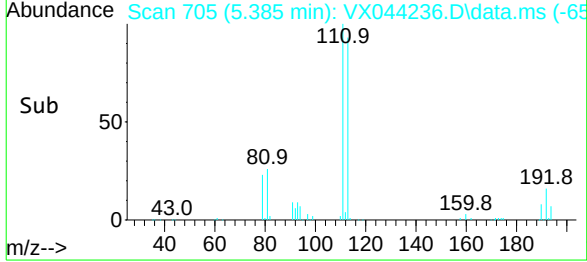
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 113 Resp: 82862
Ion Ratio Lower Upper
113 100
111 104.4 80.4 120.6
192 16.8 13.3 19.9

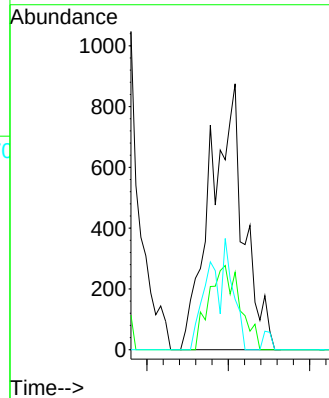
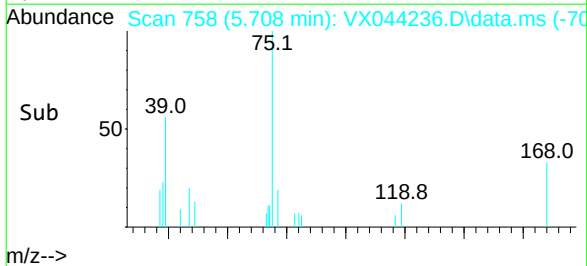
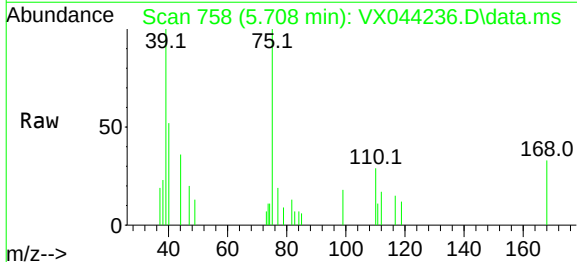
Manual Integrations
APPROVED

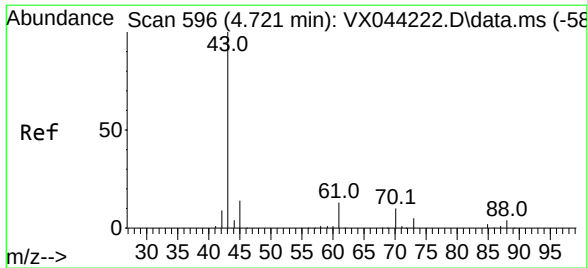
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024



#36
1,1-Dichloropropene
Concen: 1.081 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.018 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

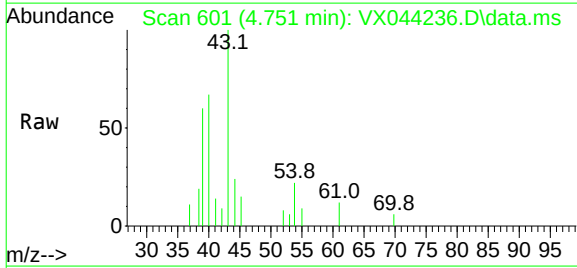
Tgt Ion: 75 Resp: 2492
Ion Ratio Lower Upper
75 100
110 29.3 17.3 51.7
77 13.0 25.4 38.0#





#37
Ethyl Acetate
Concen: 1.025 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.031 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

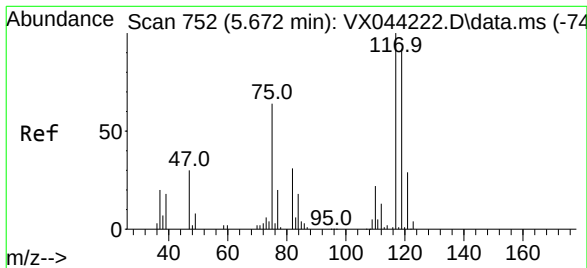
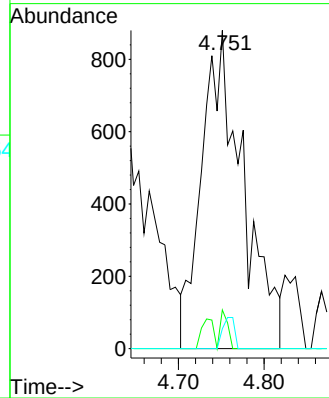
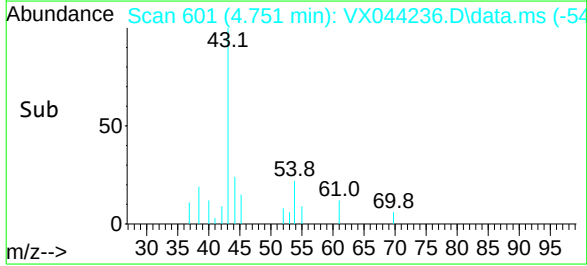
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8
70	2.8	7.7	11.5

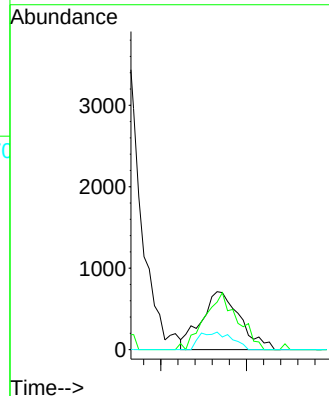
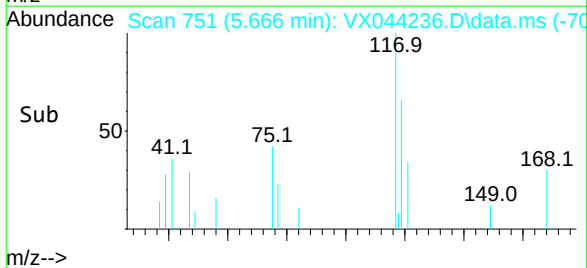
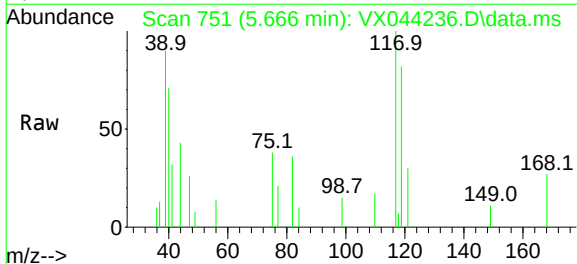
Manual Integrations
APPROVED

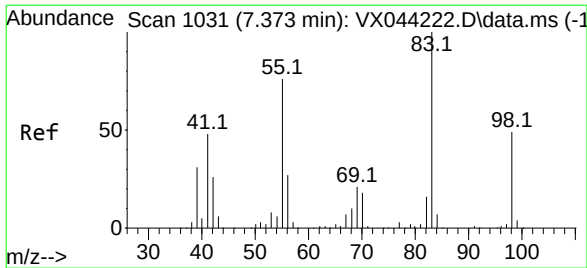
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#38
Carbon Tetrachloride
Concen: 0.901 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	82.0	74.2	111.4
121	30.2	23.0	34.6





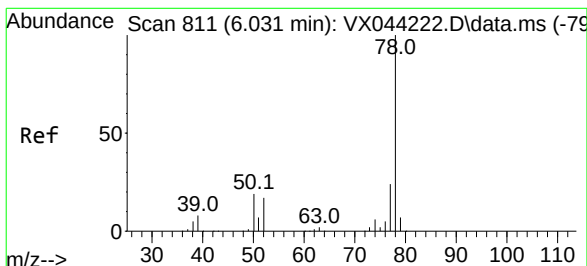
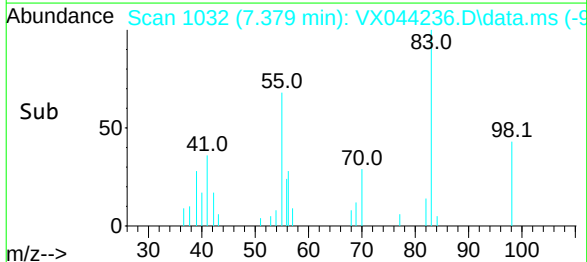
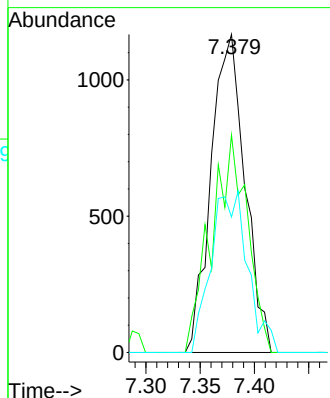
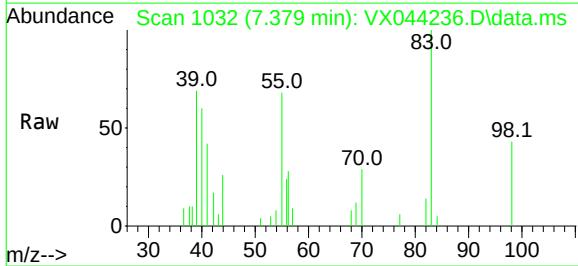
#39
Methylcyclohexane
Concen: 0.920 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.4	60.7	91.1
98	42.6	38.9	58.3

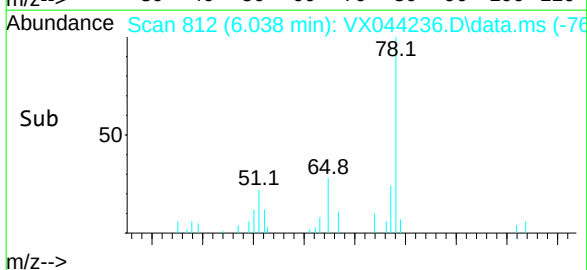
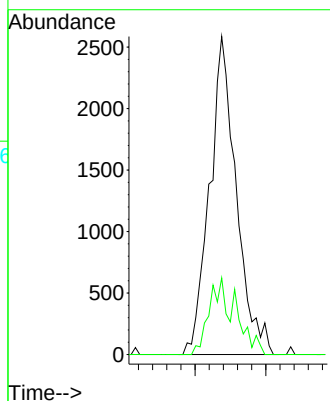
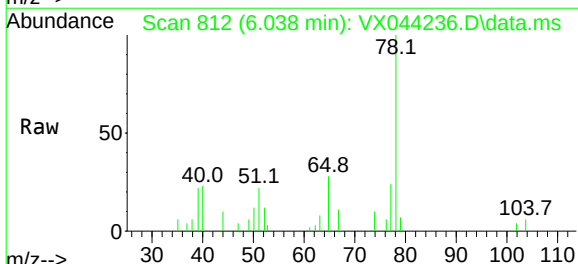
Manual Integrations
APPROVED

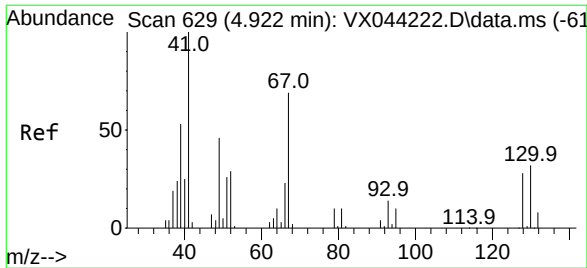
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#40
Benzene
Concen: 0.969 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





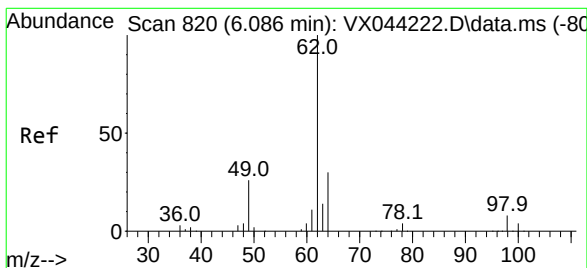
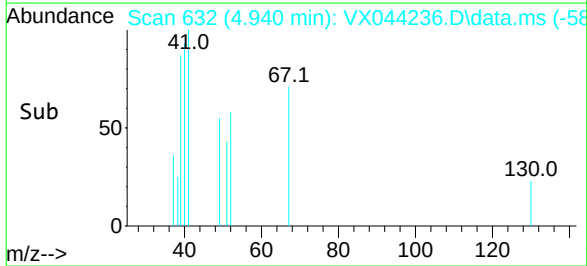
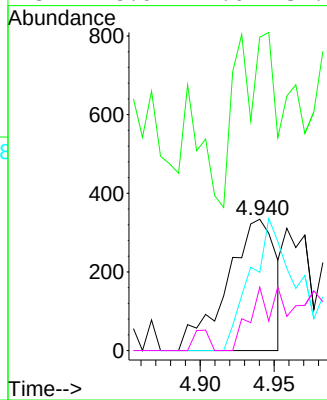
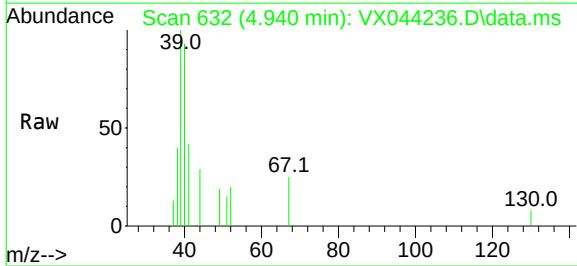
#41
Methacrylonitrile
Concen: 0.504 ug/l
RT: 4.940 min Scan# 631
Delta R.T. 0.018 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion: 41	Resp: 763
Ion Ratio	Lower Upper
41 100	
39 48.1	44.2 66.4
67 89.5	57.2 85.8#
52 18.6	24.6 37.0#

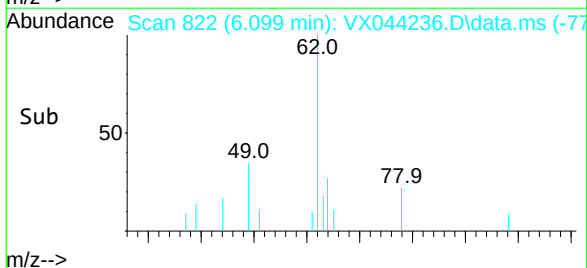
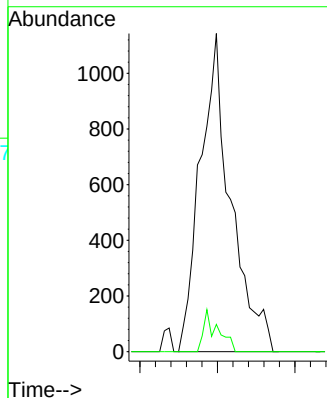
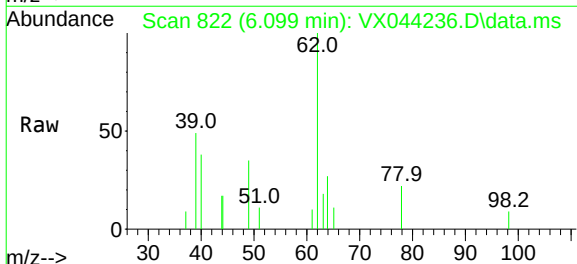
Manual Integrations
APPROVED

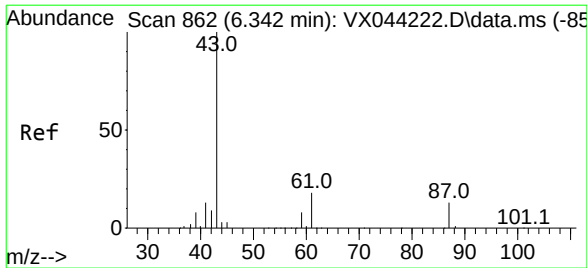
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#42
1,2-Dichloroethane
Concen: 1.084 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Tgt Ion: 62	Resp: 3126
Ion Ratio	Lower Upper
62 100	
98 6.1	0.0 15.8





#43

Isopropyl Acetate

Concen: 0.854 ug/l

RT: 6.355 min Scan# 862

Delta R.T. 0.012 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

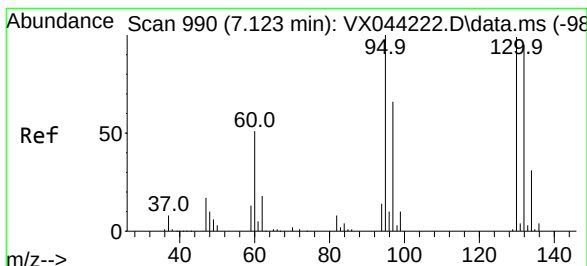
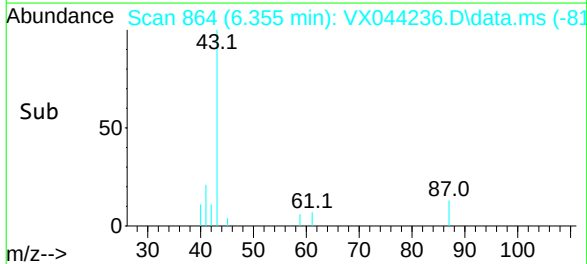
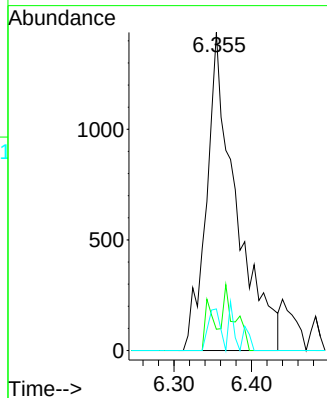
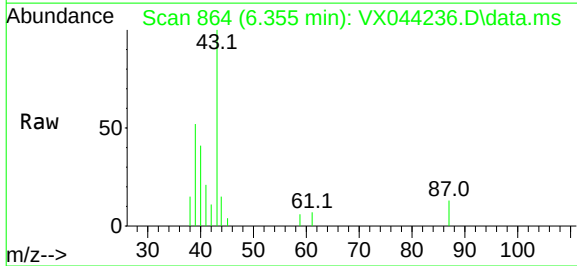
Tgt Ion:	43	Resp:	3802
Ion	Ratio	Lower	Upper
43	100		
61	4.7	14.2	21.2#
87	5.4	10.2	15.2#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#44

Trichloroethene

Concen: 0.977 ug/l

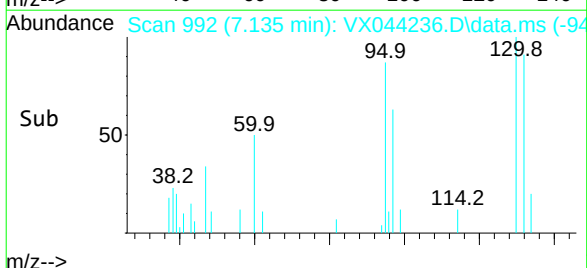
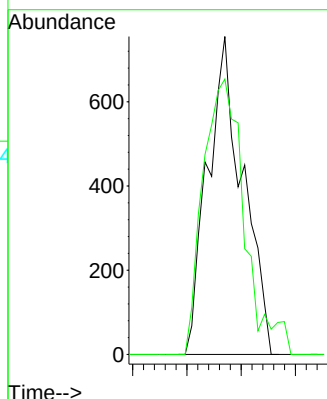
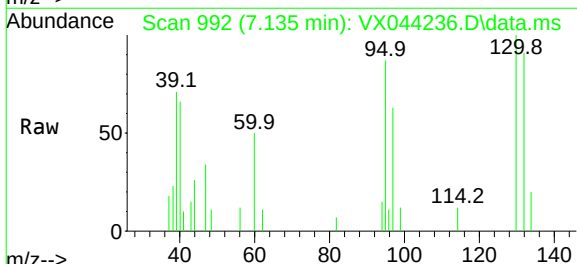
RT: 7.135 min Scan# 992

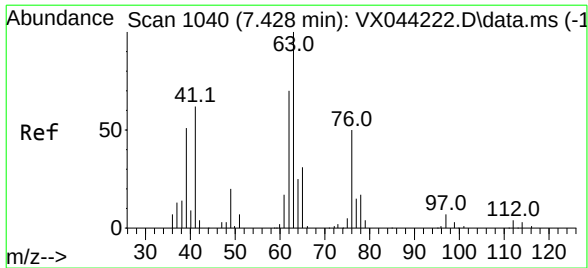
Delta R.T. 0.012 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:	130	Resp:	1705
Ion	Ratio	Lower	Upper
130	100		
95	86.6	0.0	201.4





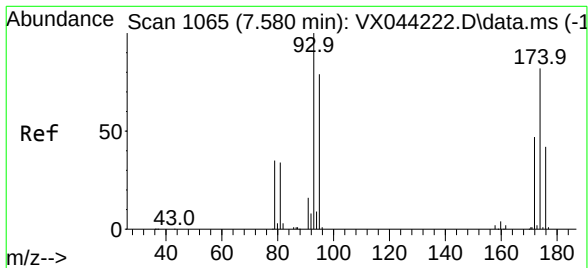
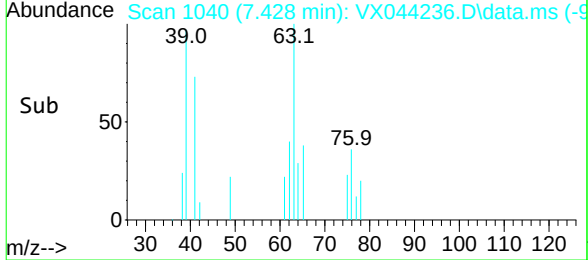
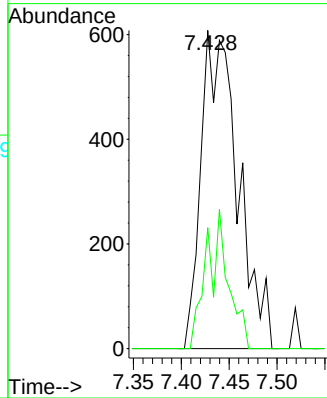
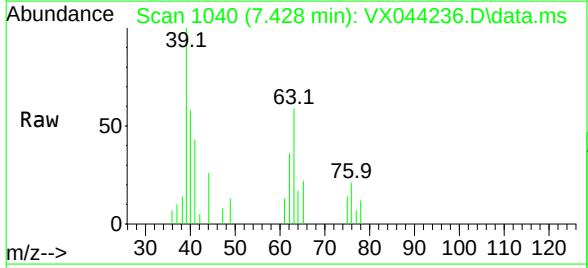
#45
1,2-Dichloropropane
Concen: 0.905 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 63 Resp: 1619
Ion Ratio Lower Upper
63 100
65 38.0 24.6 37.0#

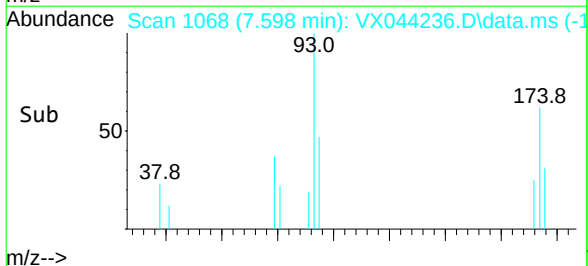
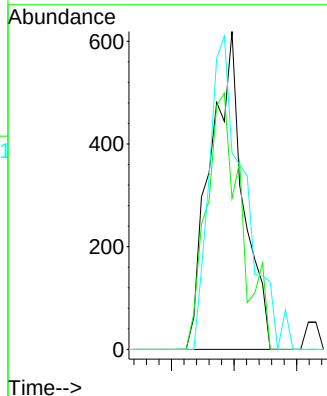
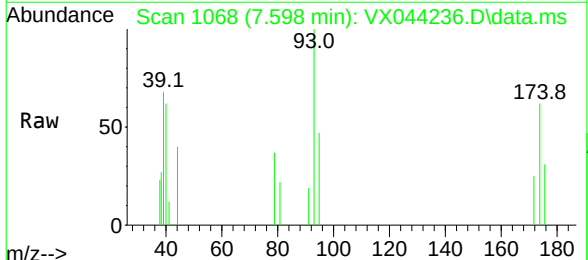
Manual Integrations
APPROVED

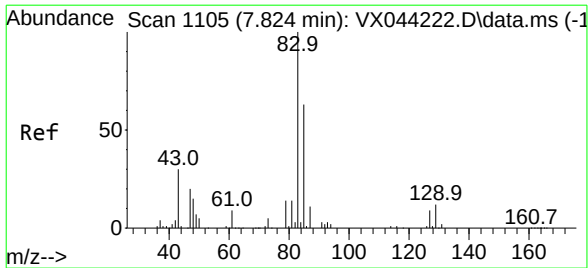
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#46
Dibromomethane
Concen: 0.818 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.018 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Tgt Ion: 93 Resp: 1135
Ion Ratio Lower Upper
93 100
95 84.1 65.4 98.2
174 104.6 67.9 101.9#





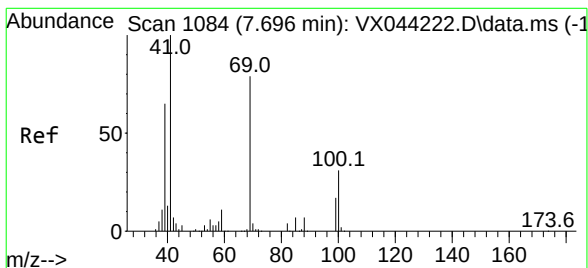
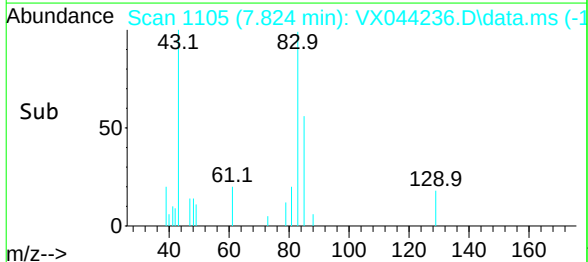
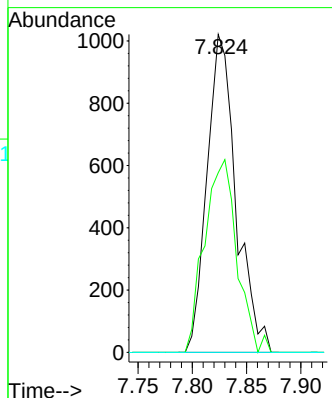
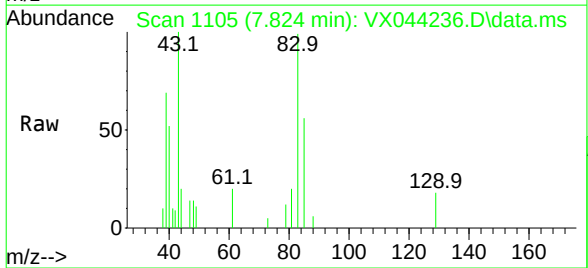
#47
Bromodichloromethane
Concen: 0.795 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion:	83	Resp:	1904
Ion	Ratio	Lower	Upper
83	100		
85	56.5	50.6	75.8
127	0.0	7.3	10.9#

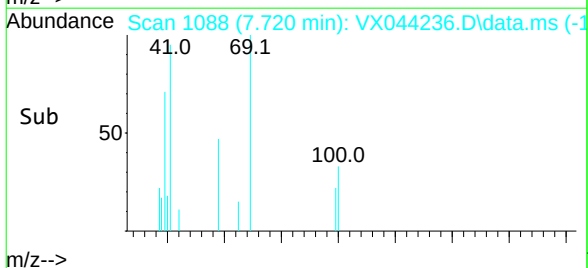
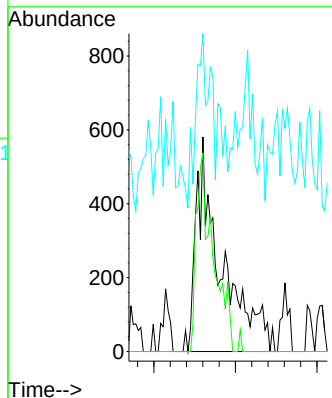
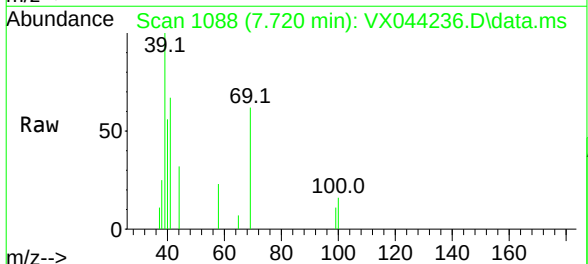
Manual Integrations
APPROVED

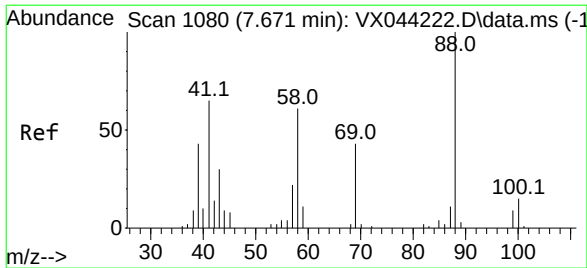
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#48
Methyl methacrylate
Concen: 1.150 ug/l m
RT: 7.720 min Scan# 1088
Delta R.T. 0.024 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Tgt Ion:	41	Resp:	2487
Ion	Ratio	Lower	Upper
41	100		
69	62.4	62.4	93.6
39	34.4	53.3	79.9#





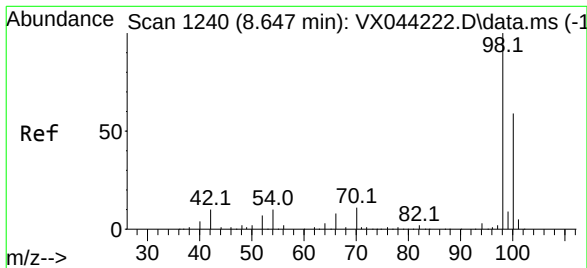
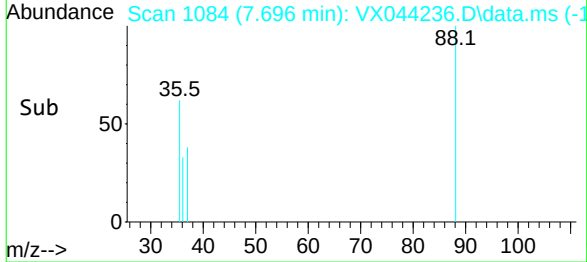
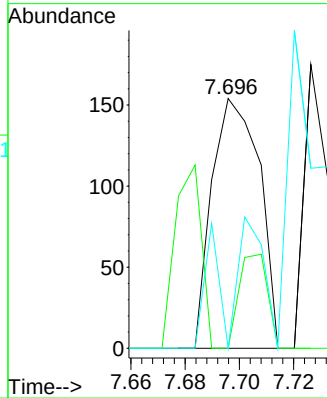
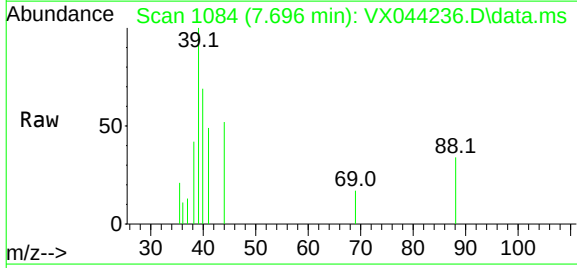
#49
1,4-Dioxane
Concen: 5.217 ug/l
RT: 7.696 min Scan# 1080
Delta R.T. 0.024 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion: 88 Resp: 187
Ion Ratio Lower Upper
88 100
43 40.6 27.1 40.7
58 0.0 41.0 61.4#

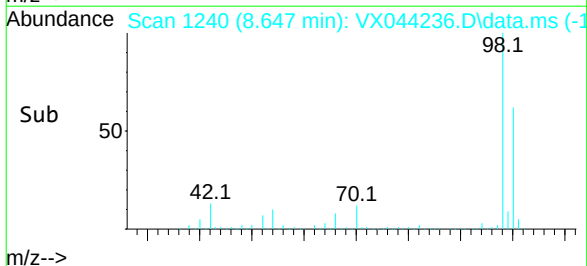
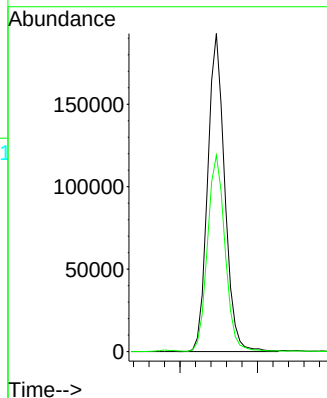
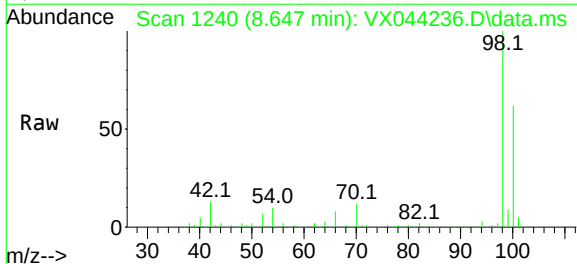
Manual Integrations
APPROVED

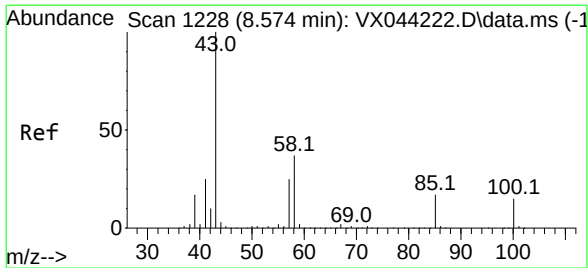
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#50
Toluene-d8
Concen: 48.969 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Tgt Ion: 98 Resp: 294612
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3





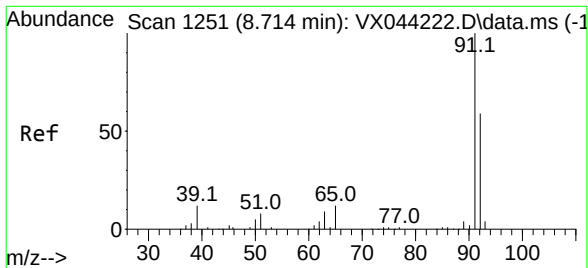
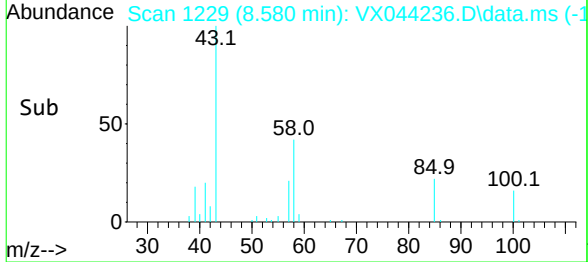
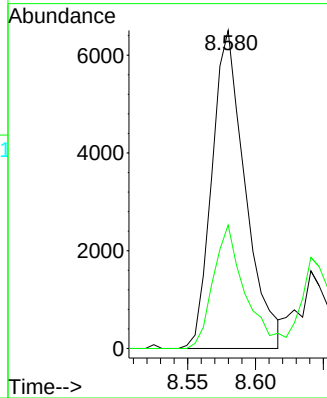
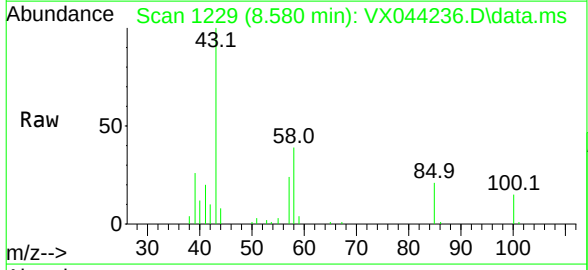
#51
4-Methyl-2-Pentanone
Concen: 3.878 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 11106
Ion Ratio Lower Upper
43 100
58 37.7 29.4 44.0

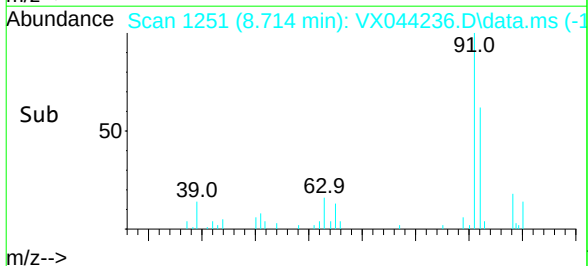
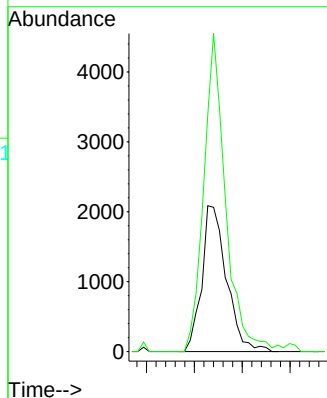
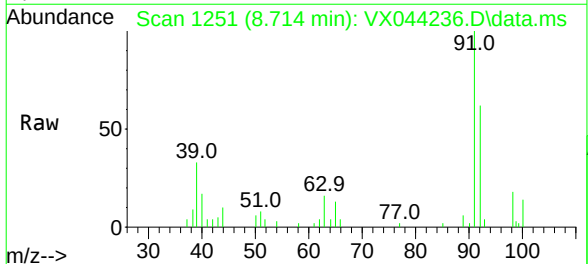
Manual Integrations
APPROVED

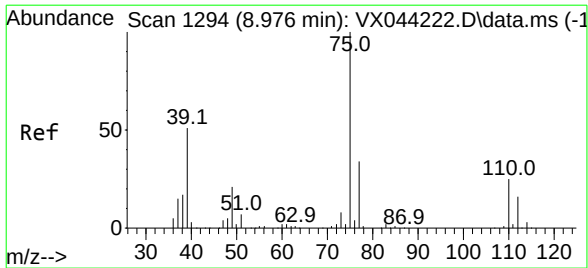
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#52
Toluene
Concen: 0.850 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

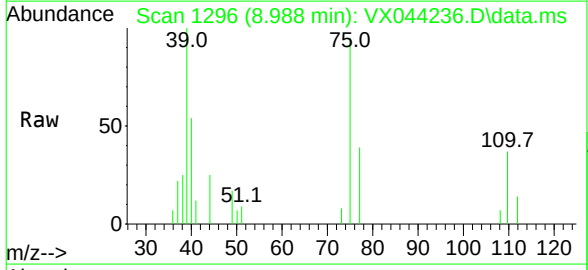
Tgt Ion: 92 Resp: 3736
Ion Ratio Lower Upper
92 100
91 193.7 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 0.672 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

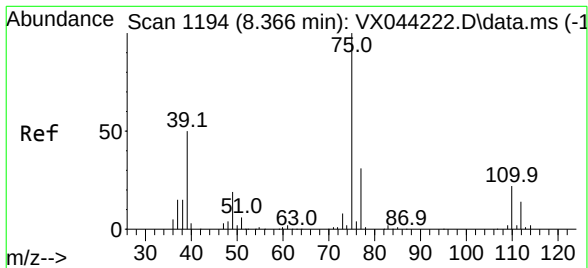
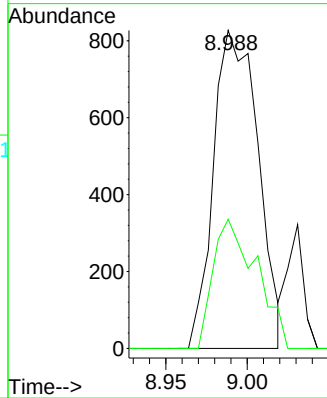
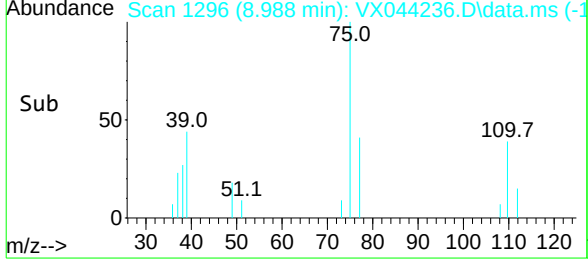
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



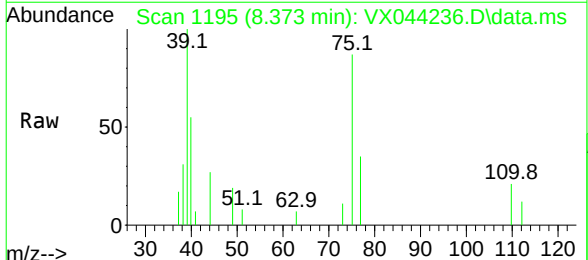
Tgt Ion: 75 Resp: 1576
Ion Ratio Lower Upper
75 100
77 40.6 27.2 40.8

Manual Integrations
APPROVED

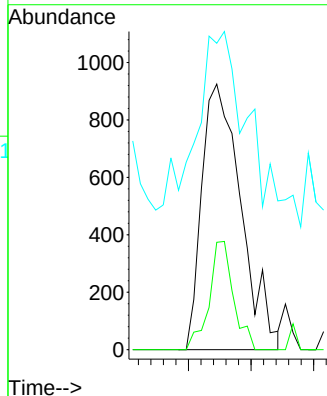
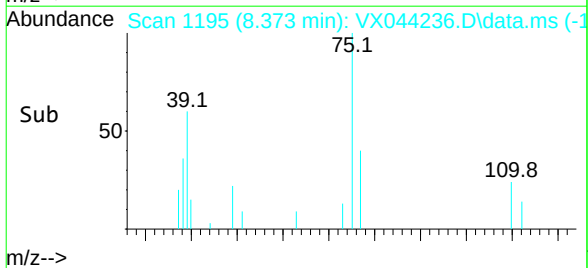
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

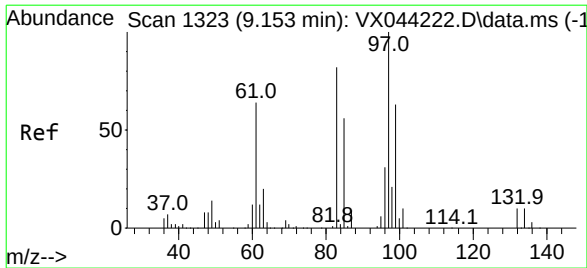


#54
cis-1,3-Dichloropropene
Concen: 0.773 ug/l
RT: 8.373 min Scan# 1195
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28



Tgt Ion: 75 Resp: 2016
Ion Ratio Lower Upper
75 100
77 40.4 24.7 37.1#
39 59.4 40.3 60.5





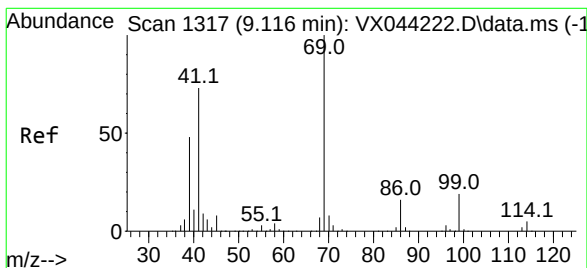
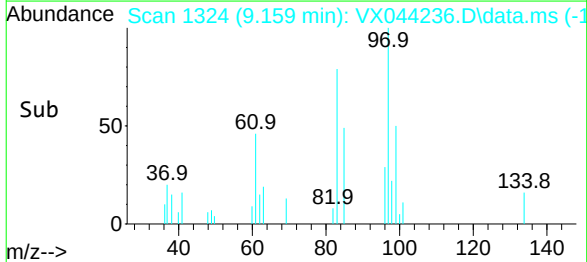
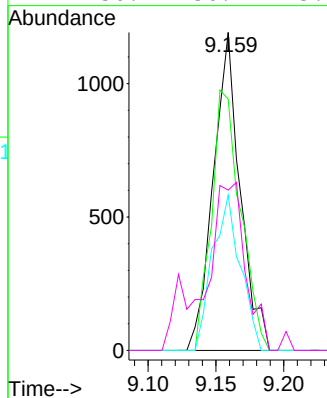
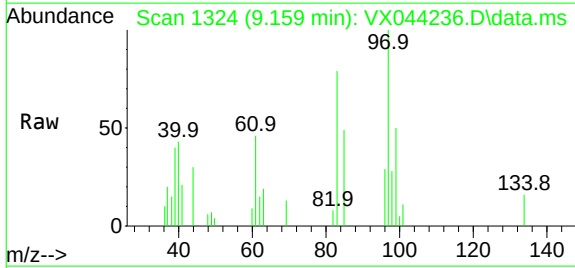
#55
1,1,2-Trichloroethane
Concen: 0.943 ug/l
RT: 9.159 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion: 97	Resp: 1647
Ion Ratio	Lower Upper
97 100	
83 79.0	65.3 97.9
85 48.8	44.6 67.0
99 50.4	50.2 75.2

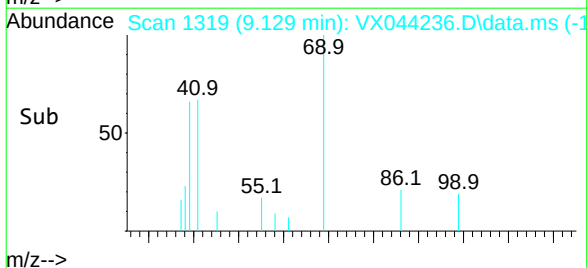
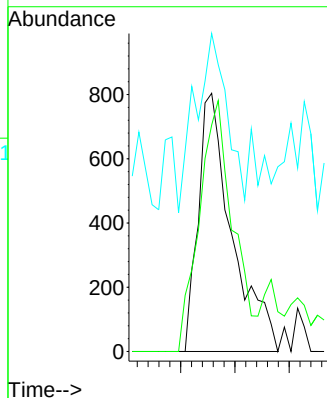
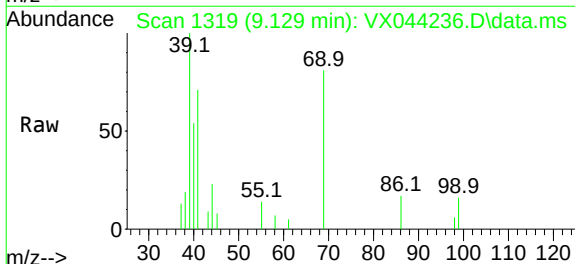
Manual Integrations
APPROVED

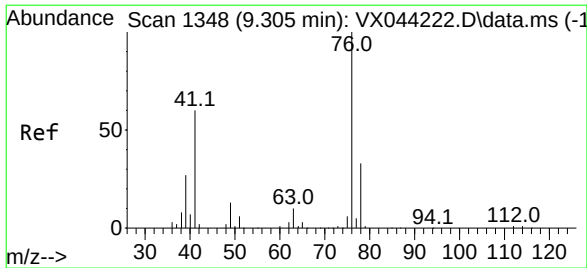
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#56
Ethyl methacrylate
Concen: 0.628 ug/l
RT: 9.129 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

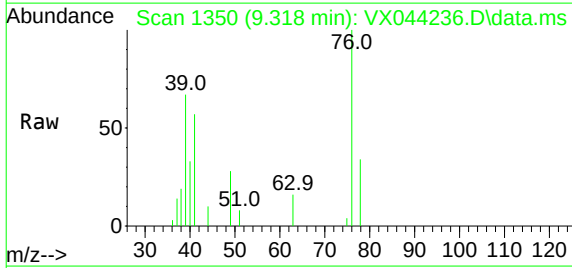
Tgt Ion: 69	Resp: 1732
Ion Ratio	Lower Upper
69 100	
41 98.6	56.6 85.0#
39 65.7	37.4 56.0#





#57
1,3-Dichloropropane
Concen: 0.856 ug/l
RT: 9.318 min Scan# 1348
Delta R.T. 0.012 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

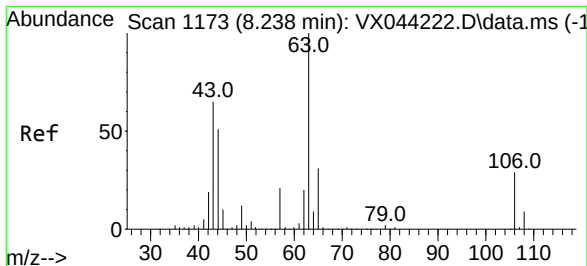
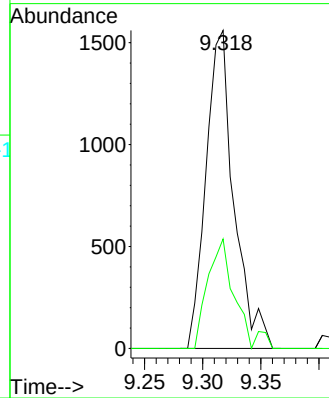
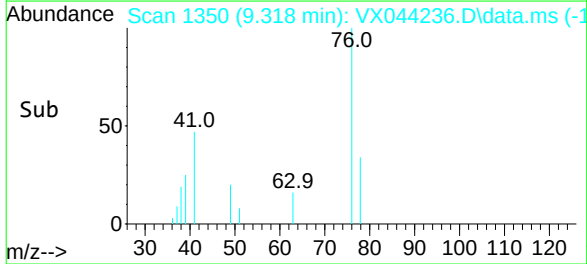
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 76 Resp: 2601
Ion Ratio Lower Upper
76 100
78 33.9 26.5 39.7

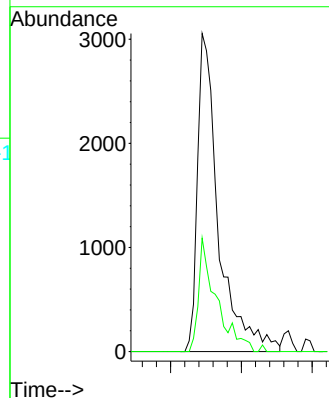
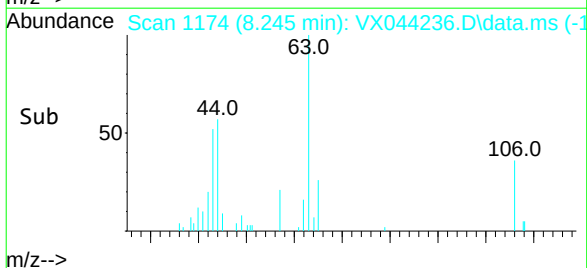
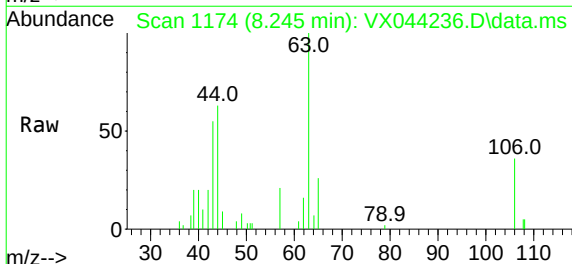
Manual Integrations
APPROVED

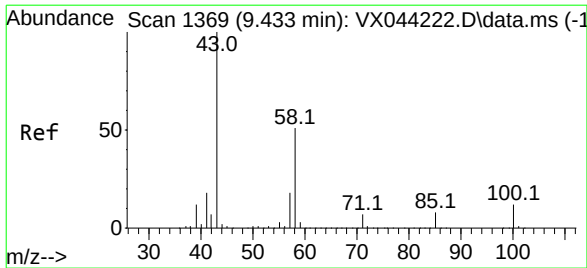
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 4.529 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Tgt Ion: 63 Resp: 6297
Ion Ratio Lower Upper
63 100
106 30.3 22.8 34.2





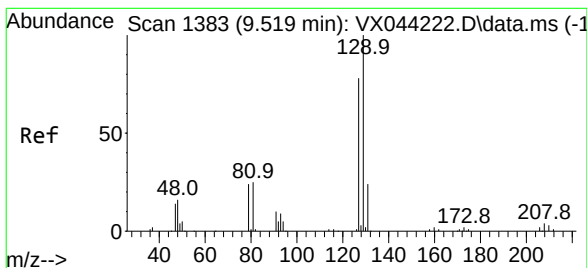
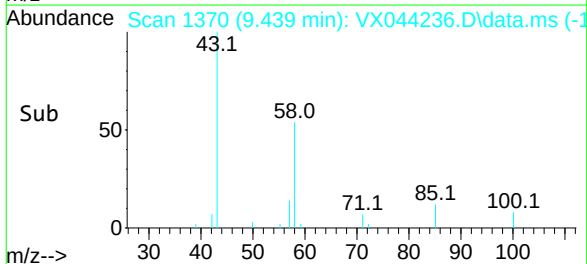
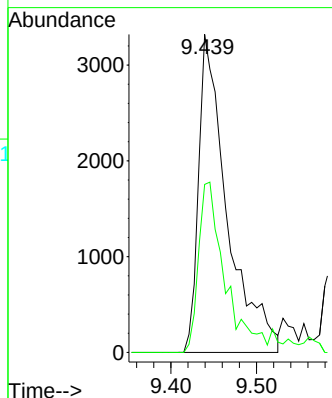
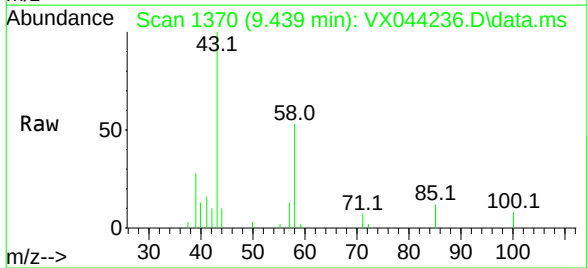
#59
2-Hexanone
Concen: 3.714 ug/l
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion: 43 Resp: 7698
Ion Ratio Lower Upper
43 100
58 49.2 25.7 77.0

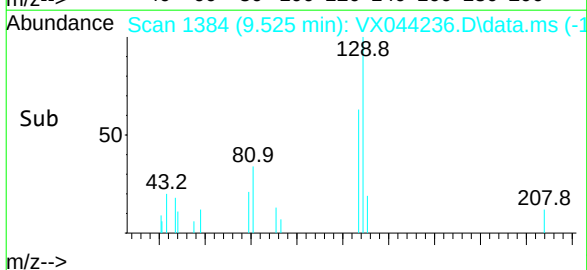
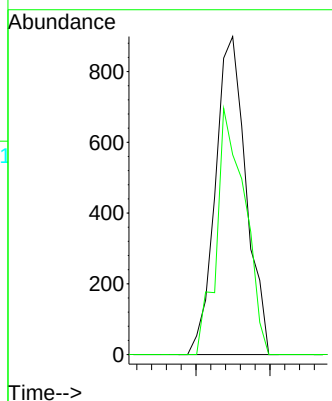
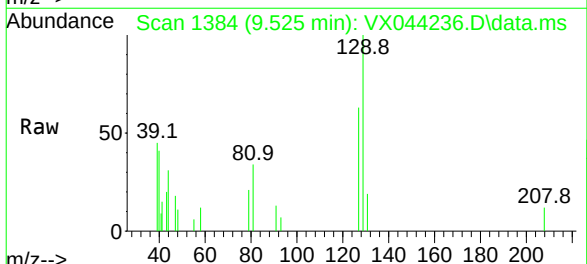
Manual Integrations
APPROVED

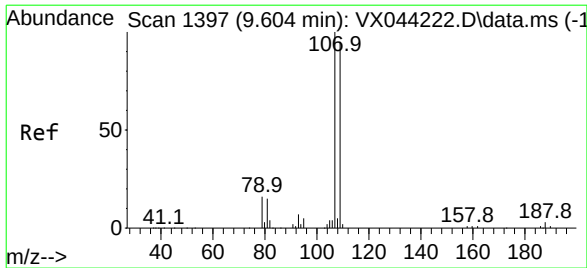
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#60
Dibromochloromethane
Concen: 0.773 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

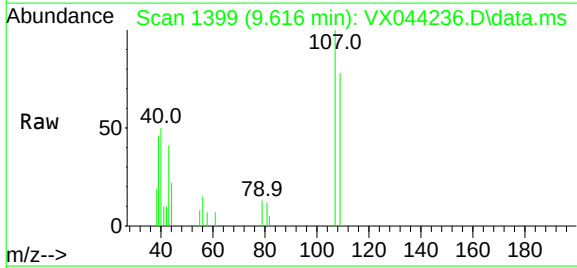
Tgt Ion:129 Resp: 1296
Ion Ratio Lower Upper
129 100
127 71.9 38.5 115.3





#61
1,2-Dibromoethane
Concen: 0.863 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.012 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

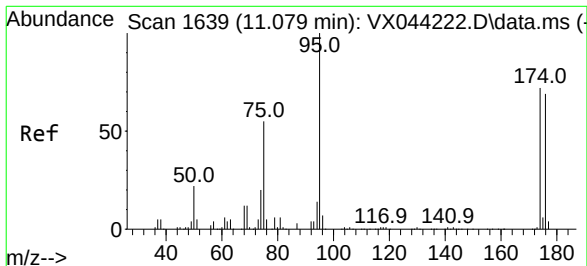
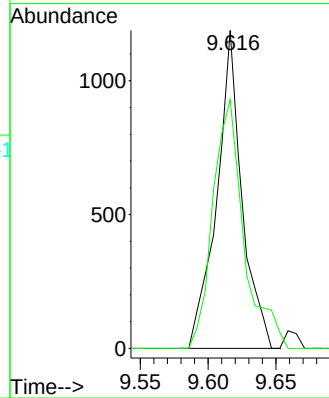
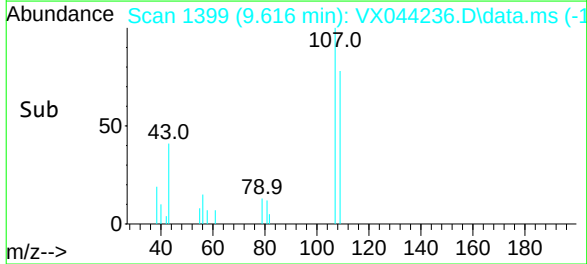
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



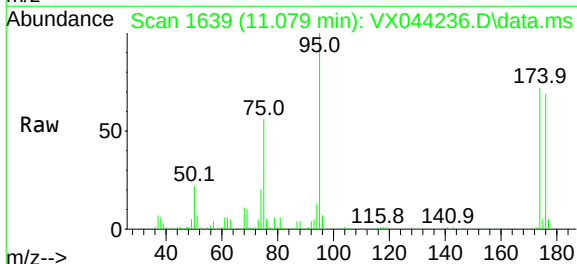
Tgt Ion: 107 Resp: 1533
Ion Ratio Lower Upper
107 100
109 96.2 77.0 115.4

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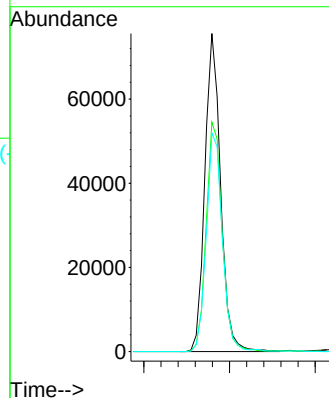
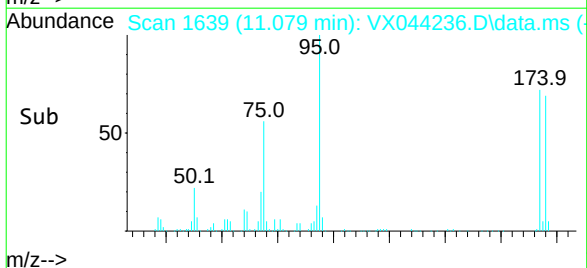
Reviewed By : John Carlone 12/12/2024
Supervised By : Mahesh Dadoda 12/12/2024

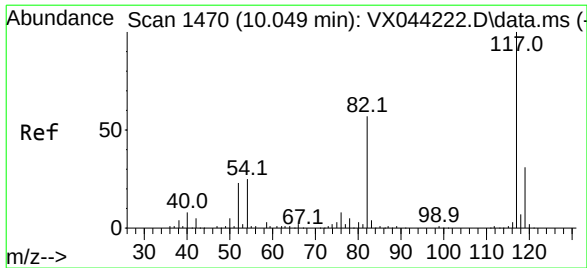


#62
4-Bromofluorobenzene
Concen: 45.828 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28



Tgt Ion: 95 Resp: 96341
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.8
176 70.3 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

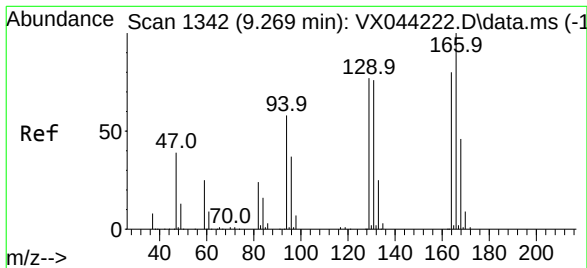
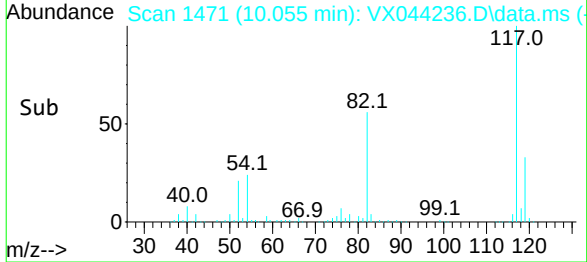
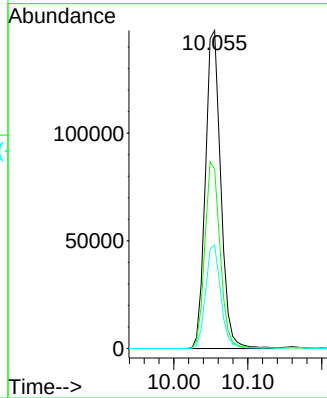
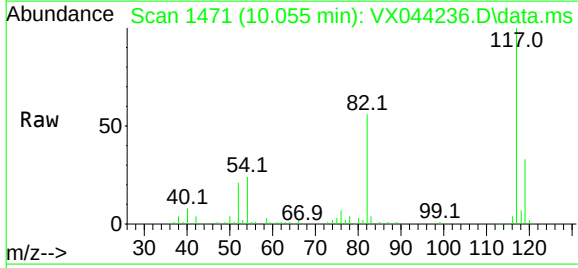
Tgt Ion:	117	Resp:	213125
Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.8	68.8
119	32.5	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#64

Tetrachloroethene

Concen: 0.954 ug/l

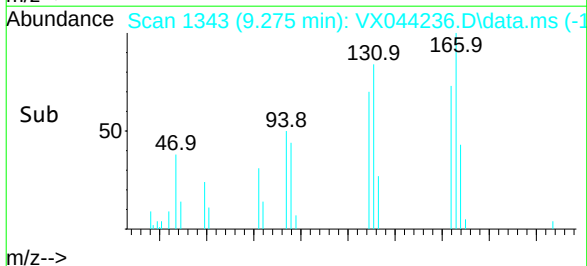
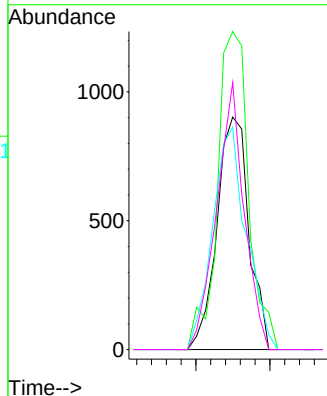
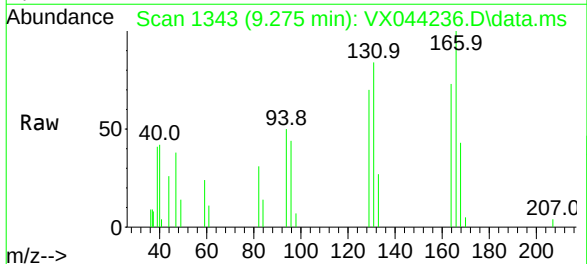
RT: 9.275 min Scan# 1343

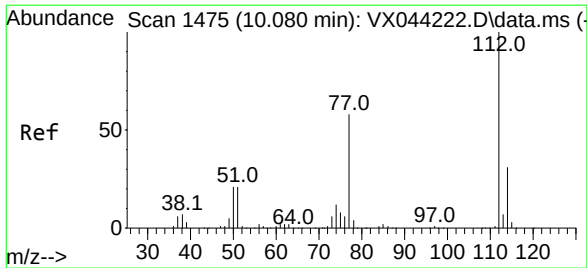
Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:	164	Resp:	1350
Ion	Ratio	Lower	Upper
164	100		
166	136.8	100.4	150.6
129	95.7	77.2	115.8
131	114.9	76.2	114.2





#65

Chlorobenzene

Concen: 0.963 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:112 Resp: 4398

Ion Ratio Lower Upper

112 100

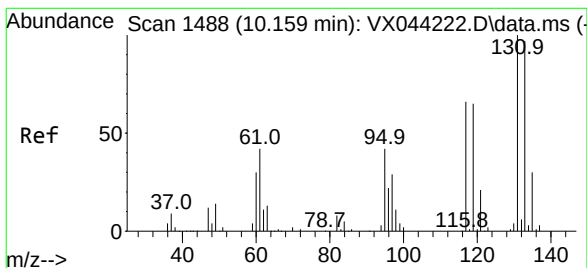
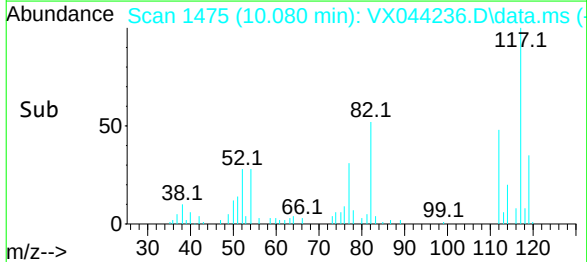
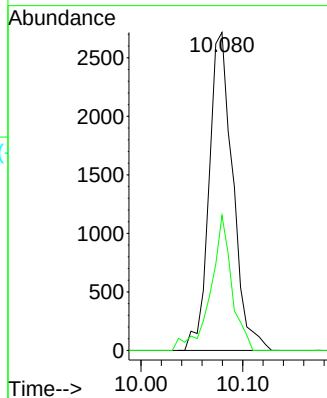
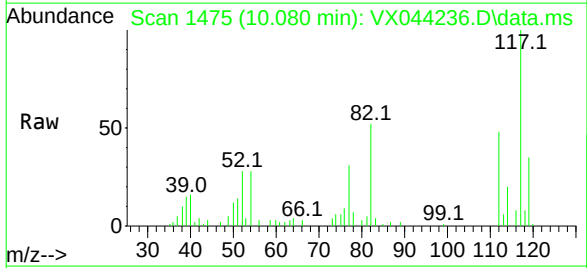
114 42.5 25.0 37.6#

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 0.885 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

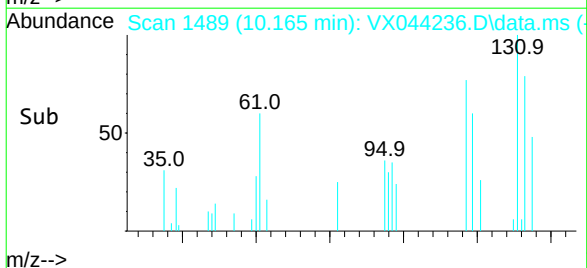
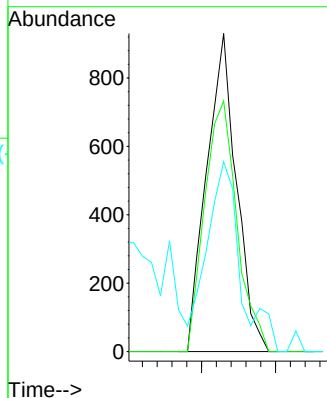
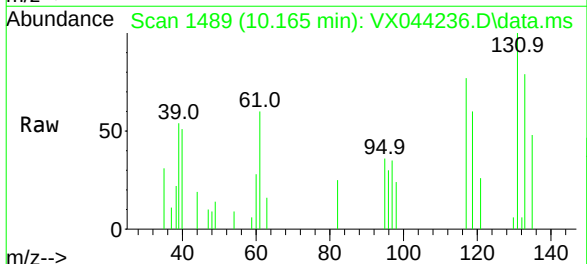
Tgt Ion:131 Resp: 1299

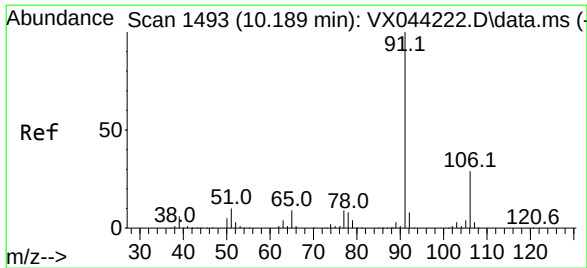
Ion Ratio Lower Upper

131 100

133 85.5 47.3 141.8

119 0.0 31.6 95.0#





#67

Ethyl Benzene

Concen: 0.881 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

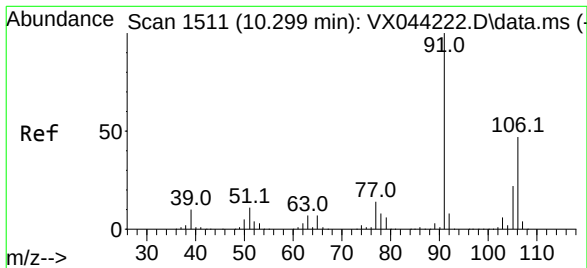
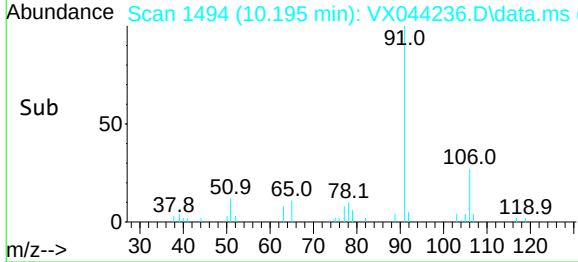
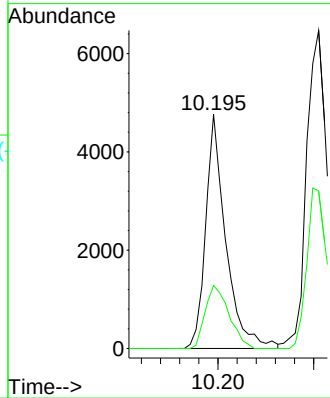
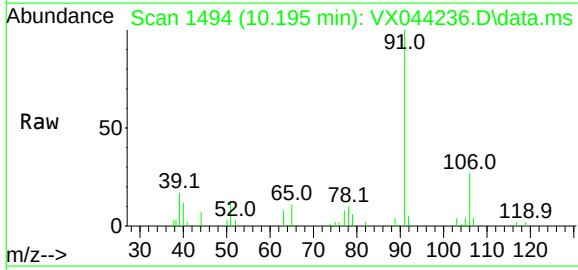
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 91 Resp: 6952
 Ion Ratio Lower Upper
 91 100
 106 26.9 23.5 35.3

Manual Integrations
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Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024



#68

m/p-Xylenes

Concen: 1.751 ug/l

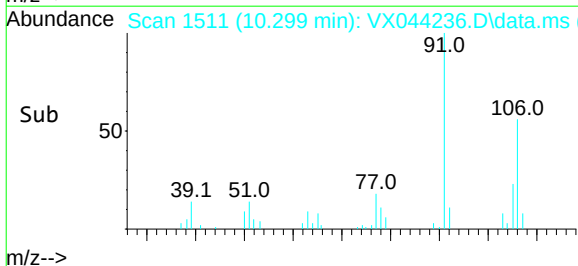
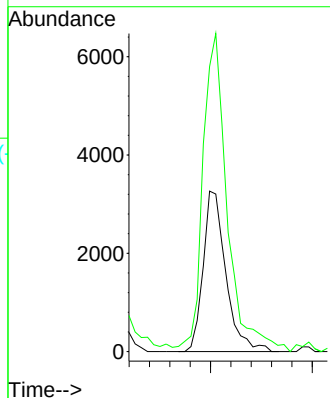
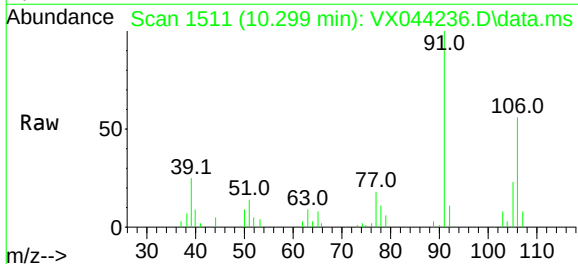
RT: 10.299 min Scan# 1511

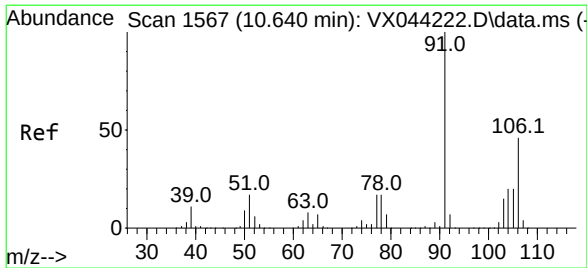
Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:106 Resp: 5070
 Ion Ratio Lower Upper
 106 100
 91 212.3 170.2 255.2





#69

o-Xylene

Concen: 0.878 ug/l

RT: 10.647 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

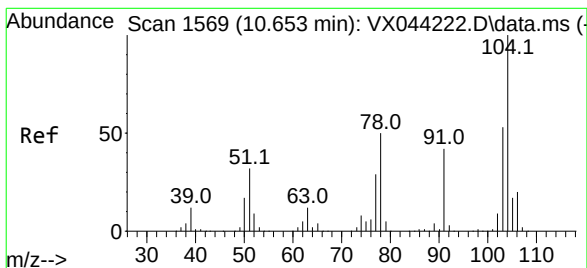
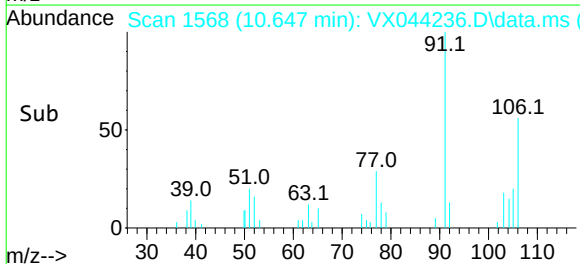
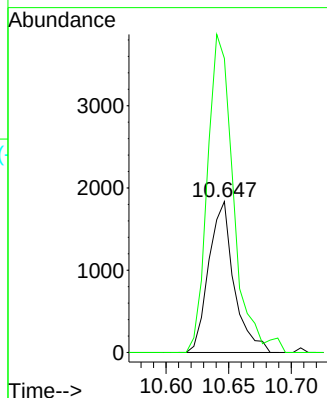
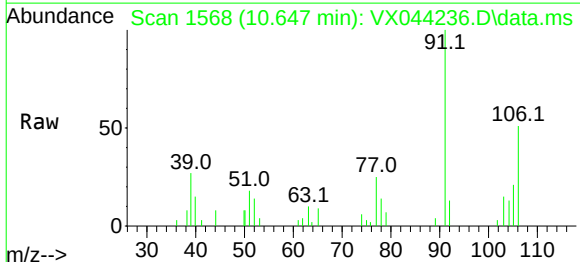
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:106 Resp: 2573
 Ion Ratio Lower Upper
 106 100
 91 217.8 112.3 337.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024



#70

Styrene

Concen: 0.857 ug/l

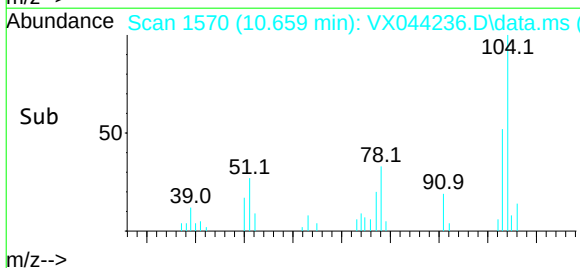
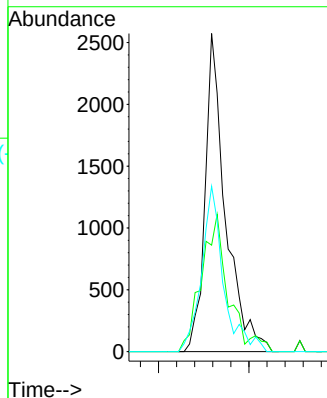
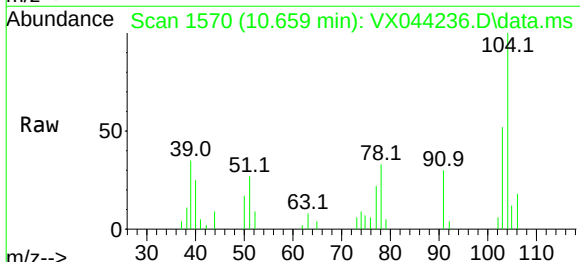
RT: 10.659 min Scan# 1570

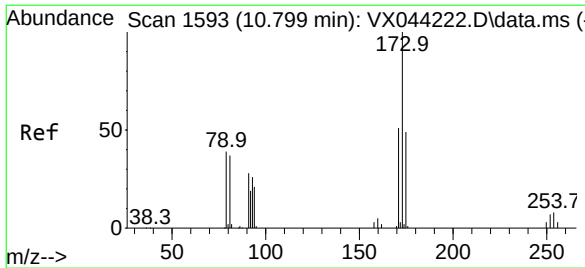
Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:104 Resp: 4025
 Ion Ratio Lower Upper
 104 100
 78 54.4 44.6 67.0
 103 55.8 45.4 68.0





#71

Bromoform

Concen: 0.714 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

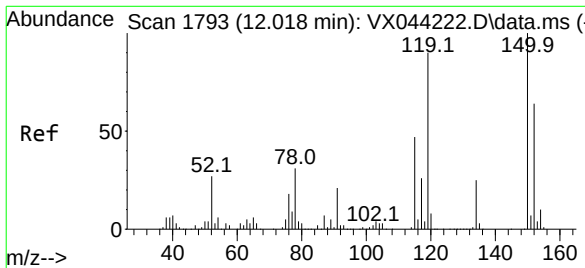
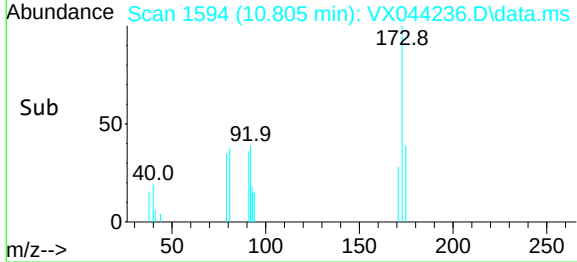
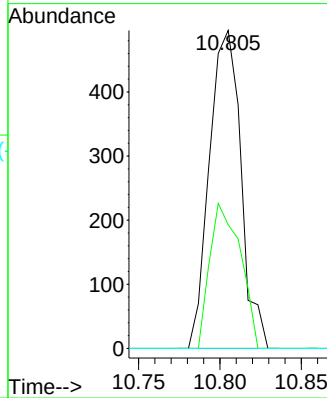
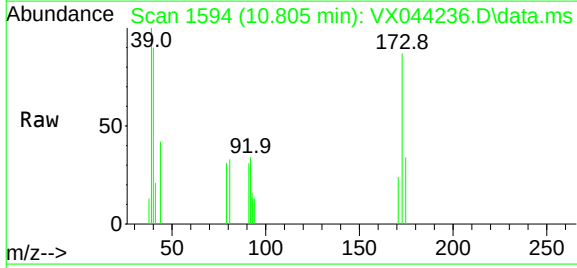
Tgt Ion:	173	Resp:	668
Ion Ratio	Lower	Upper	
173	100		
175	44.3	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

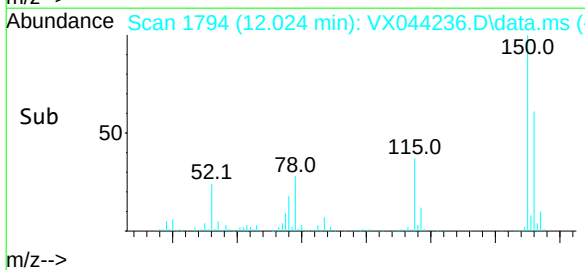
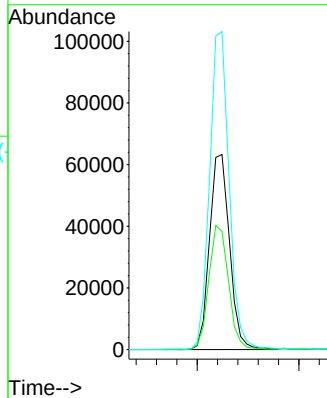
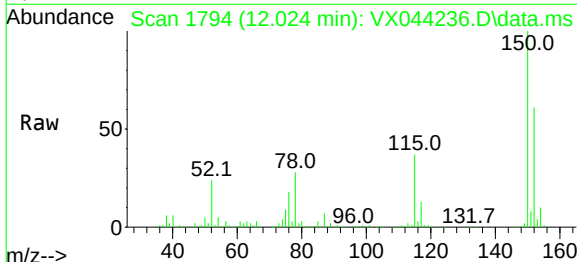
RT: 12.024 min Scan# 1794

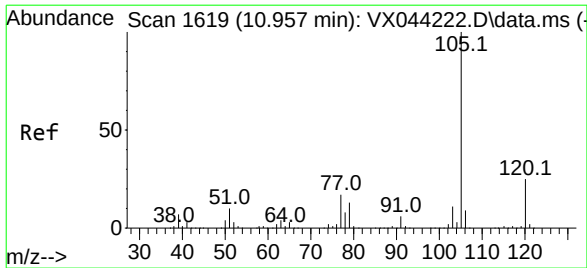
Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:	152	Resp:	86722
Ion Ratio	Lower	Upper	
152	100		
115	62.8	44.5	133.3
150	160.2	0.0	353.8





#73

Isopropylbenzene

Concen: 1.001 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

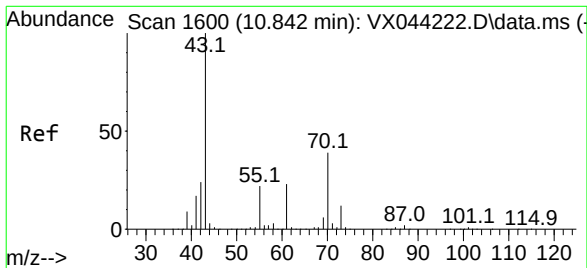
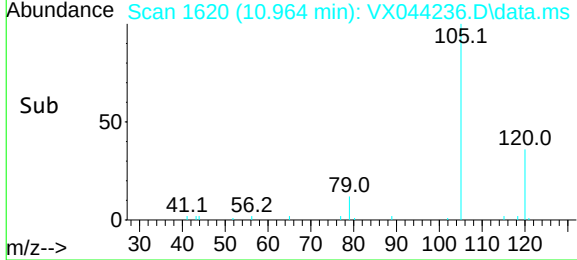
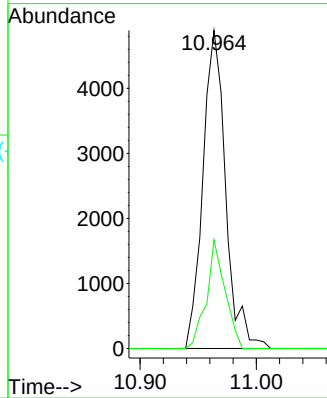
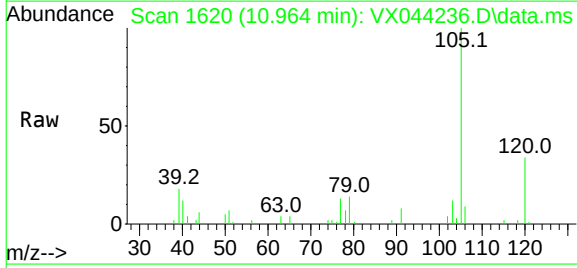
Tgt Ion:	105	Resp:	6647
Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#74

N-ethyl acetate

Concen: 0.666 ug/l

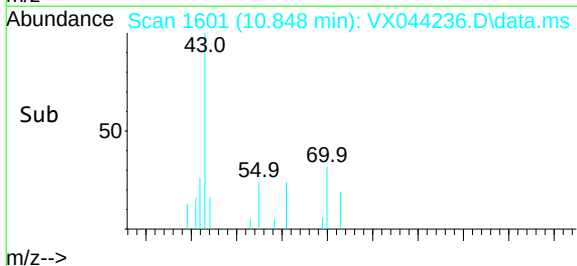
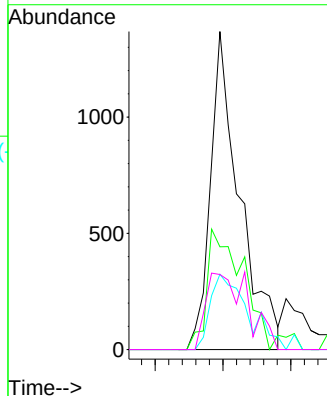
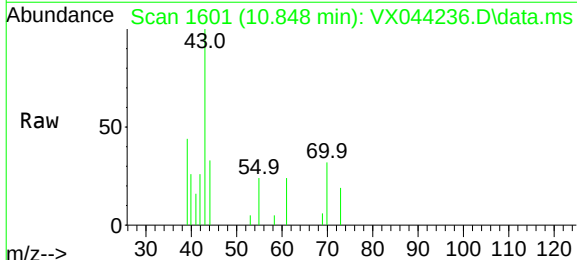
RT: 10.848 min Scan# 1601

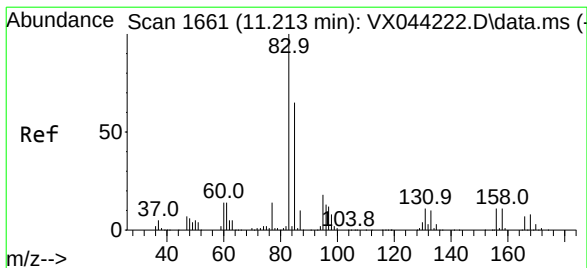
Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:	43	Resp:	2043
Ion	Ratio	Lower	Upper
43	100		
70	48.7	31.9	47.9#
55	30.3	17.9	26.9#
61	0.0	17.9	26.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.126 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

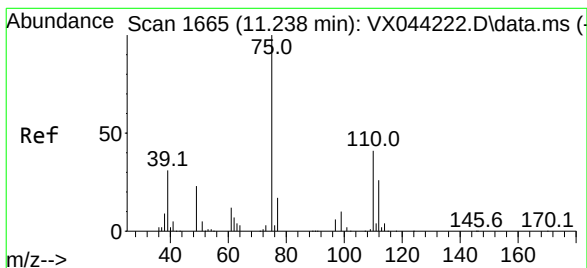
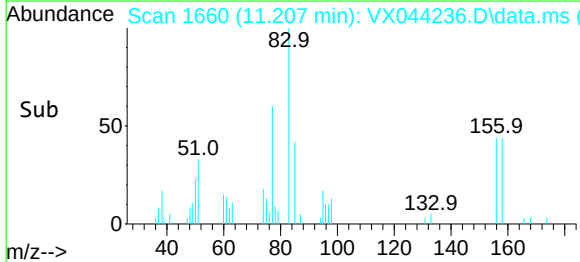
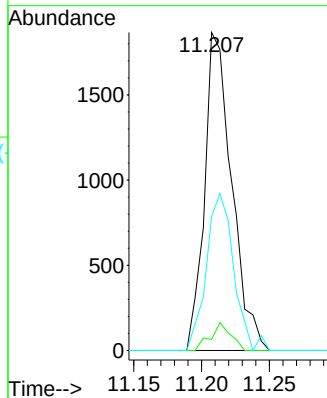
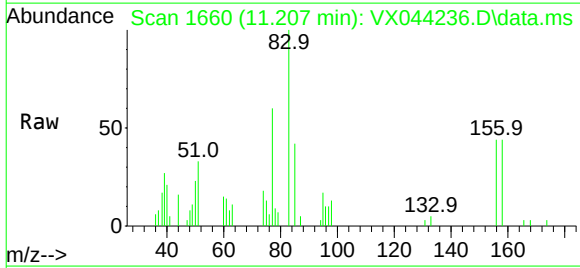
Tgt Ion:	83	Resp:	2596
Ion	Ratio	Lower	Upper
83	100		
131	6.6	5.1	15.4
85	49.8	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#76

1,2,3-Trichloropropane

Concen: 1.166 ug/l m

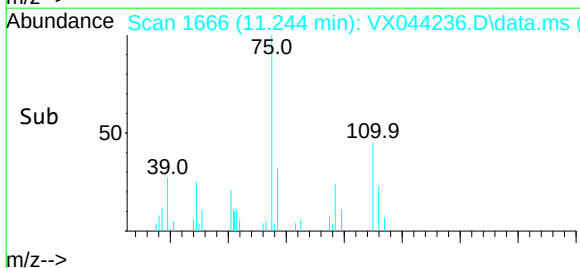
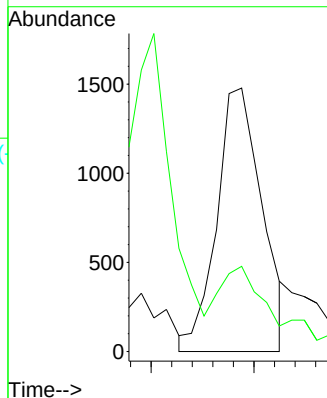
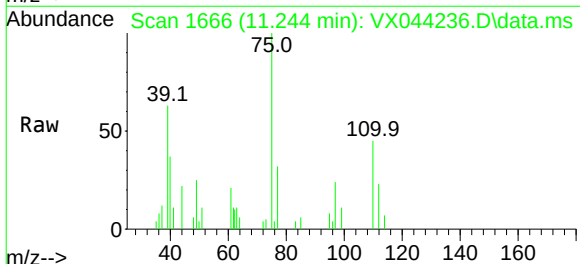
RT: 11.244 min Scan# 1666

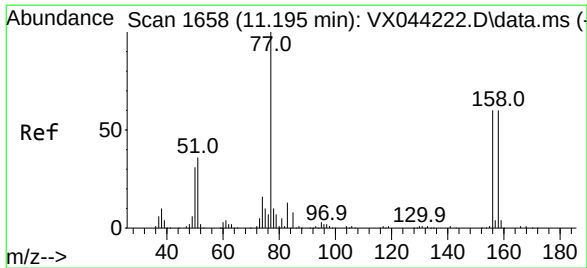
Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:	75	Resp:	2257
Ion	Ratio	Lower	Upper
75	100		
77	39.0	20.9	62.7





#77

Bromobenzene

Concen: 1.005 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

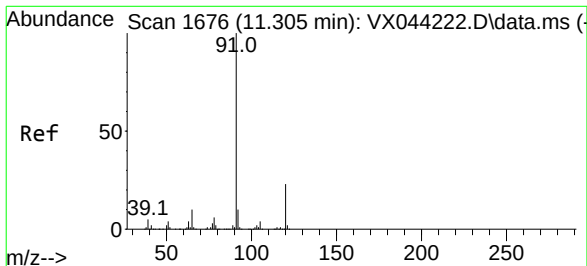
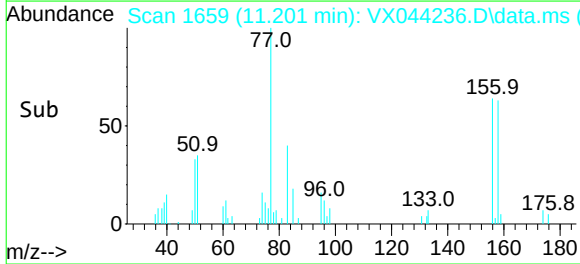
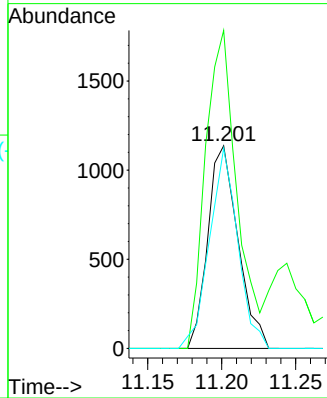
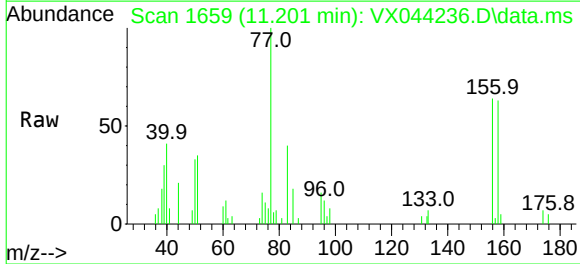
Tgt Ion:	156	Resp:	1618
Ion	Ratio	Lower	Upper
156	100		
77	161.6	82.6	247.8
158	92.6	48.8	146.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#78

n-propylbenzene

Concen: 0.984 ug/l

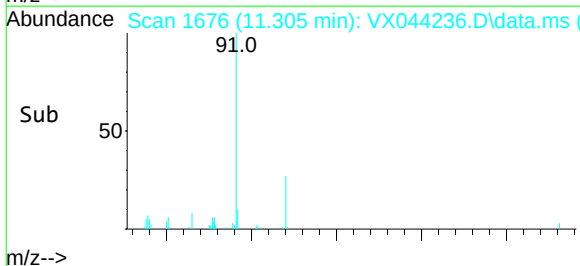
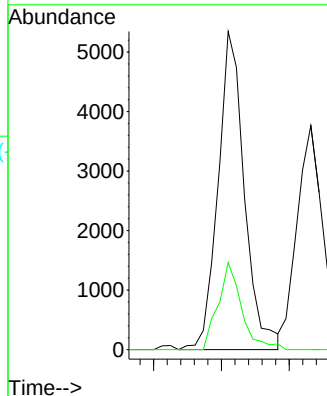
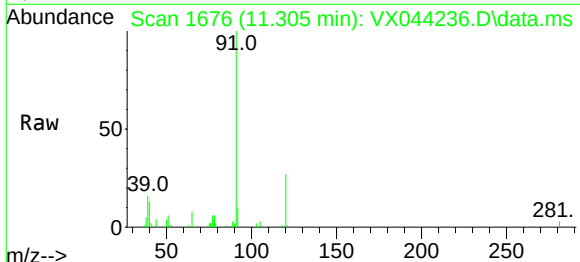
RT: 11.305 min Scan# 1676

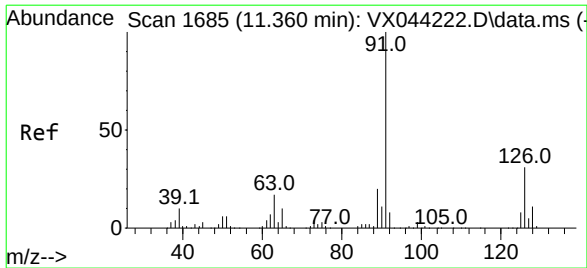
Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:	91	Resp:	7218
Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.0	33.0





#79

2-Chlorotoluene

Concen: 1.098 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion: 91 Resp: 5210

Ion Ratio Lower Upper

91 100

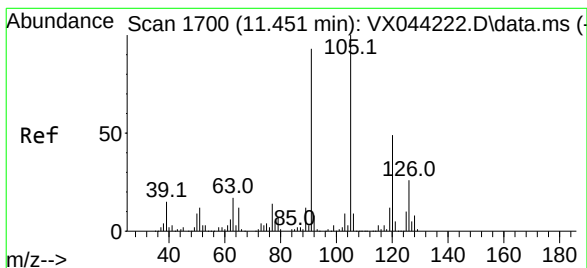
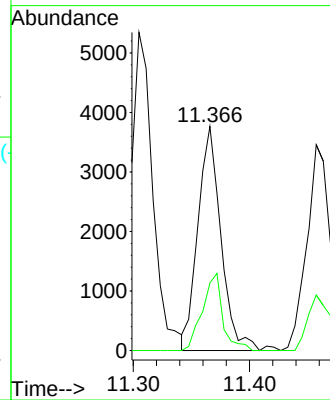
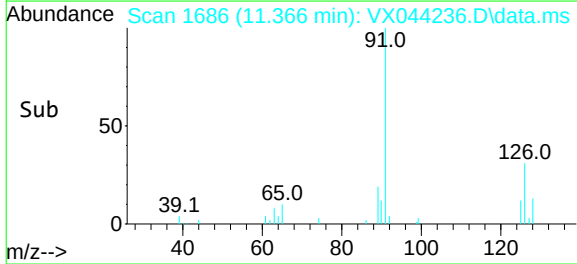
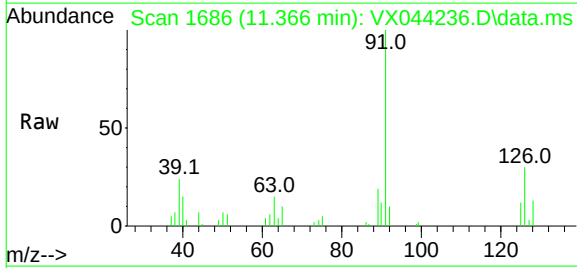
126 30.2 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#80

1,3,5-Trimethylbenzene

Concen: 0.938 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044236.D

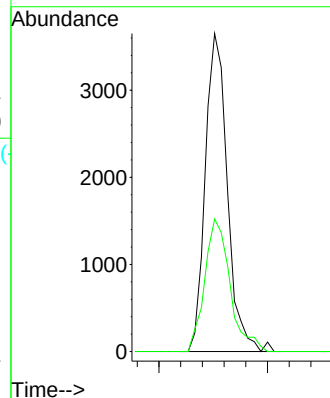
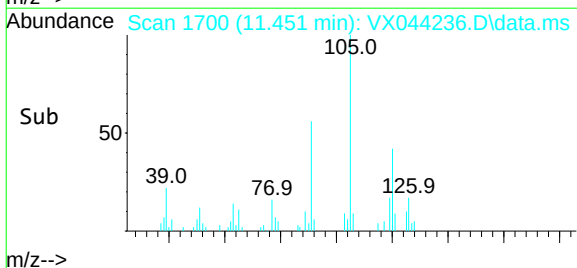
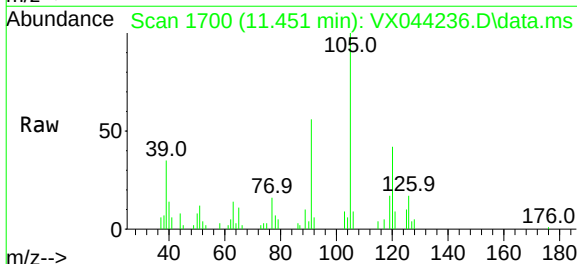
Acq: 11 Dec 2024 18:28

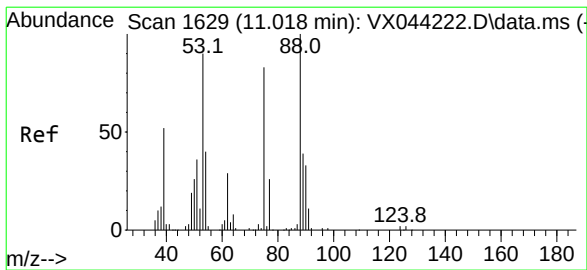
Tgt Ion:105 Resp: 5164

Ion Ratio Lower Upper

105 100

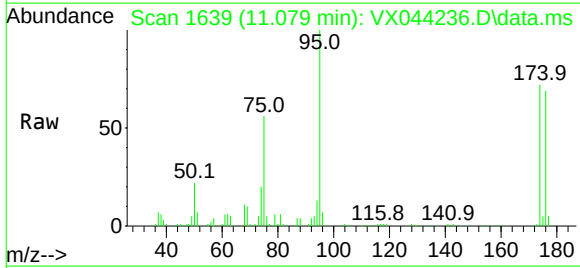
120 47.9 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 90.753 ug/l
RT: 11.079 min Scan# 1610
Delta R.T. 0.061 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

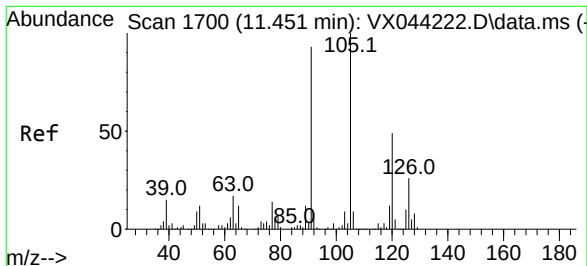
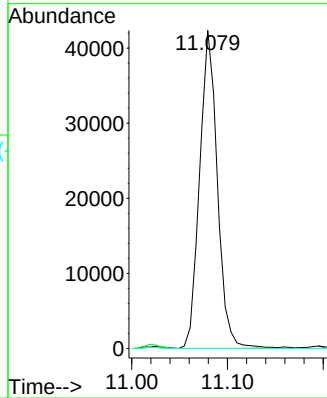
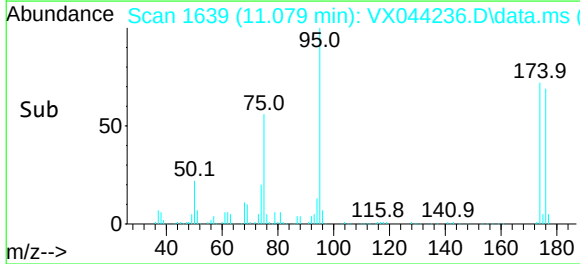
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 75 Resp: 54676
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

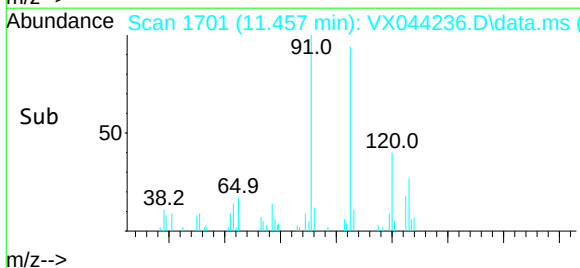
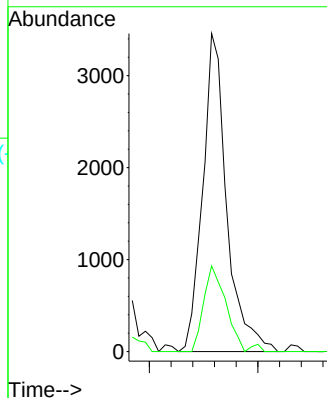
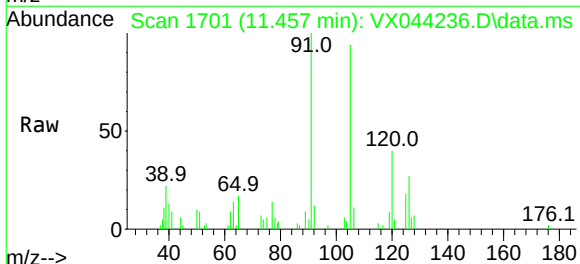
Manual Integrations
APPROVED

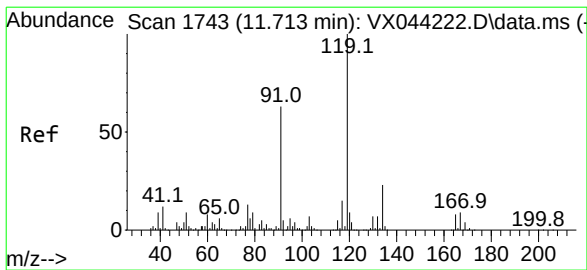
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024



#82
4-Chlorotoluene
Concen: 1.010 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

Tgt Ion: 91 Resp: 5310
Ion Ratio Lower Upper
91 100
126 25.0 14.5 43.5





#83

tert-Butylbenzene

Concen: 0.932 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

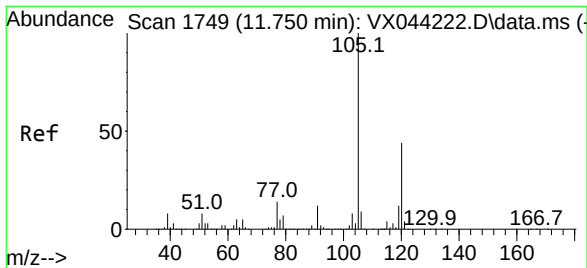
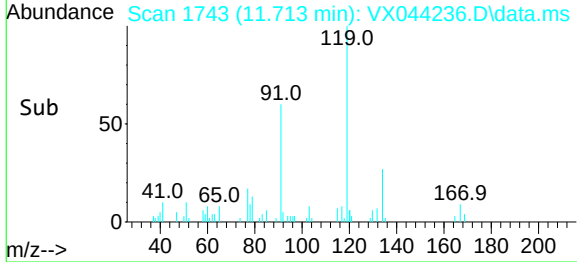
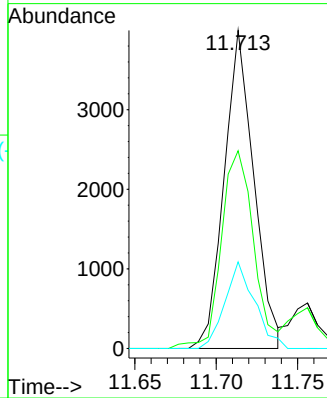
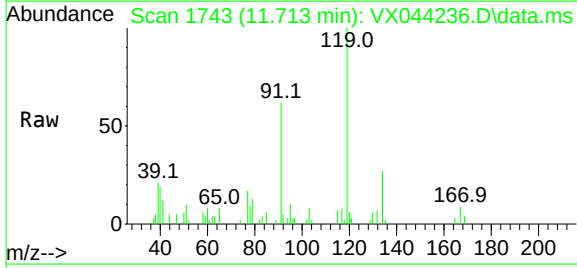
Tgt Ion:	119	Resp:	5069
Ion Ratio	Lower	Upper	
119	100		
91	67.6	30.9	92.5
134	27.3	11.5	34.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.925 ug/l

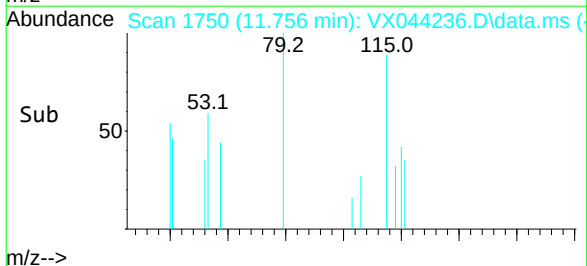
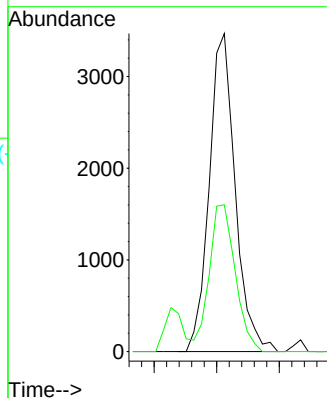
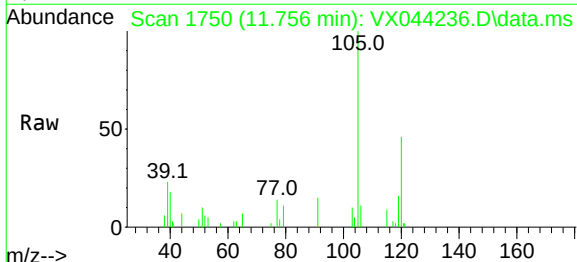
RT: 11.756 min Scan# 1750

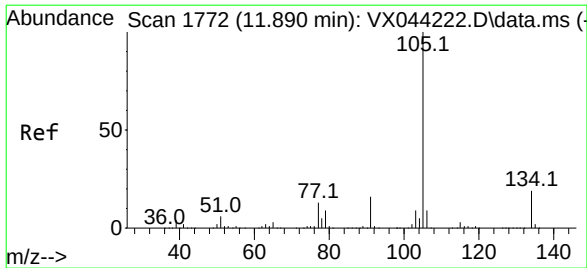
Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:	105	Resp:	5002
Ion Ratio	Lower	Upper	
105	100		
120	46.0	21.7	65.1





#85

sec-Butylbenzene

Concen: 0.824 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

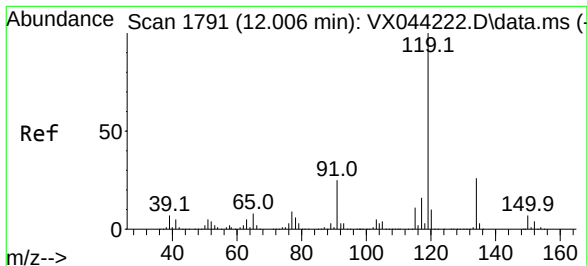
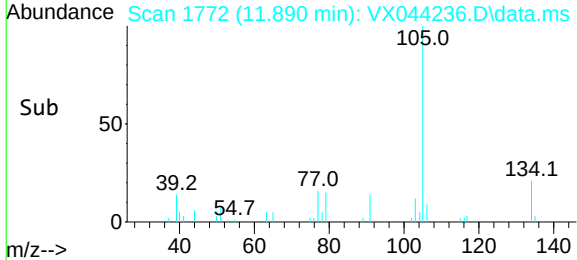
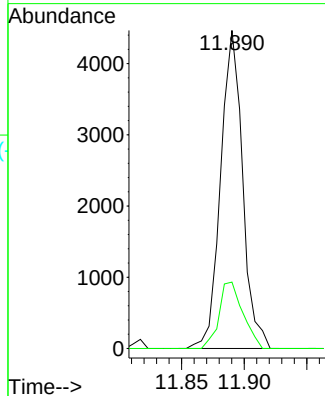
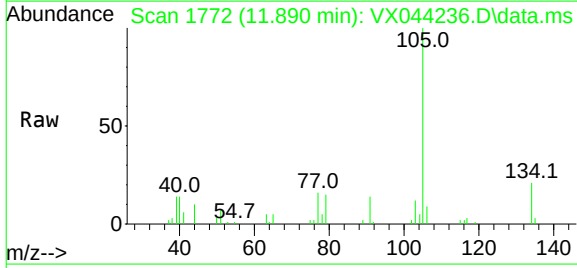
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:105 Resp: 5445
 Ion Ratio Lower Upper
 105 100
 134 22.7 9.8 29.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/12/2024
 Supervised By :Mahesh Dadoda 12/12/2024



#86

p-Isopropyltoluene

Concen: 0.839 ug/l

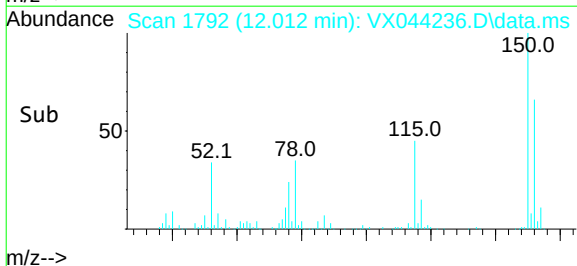
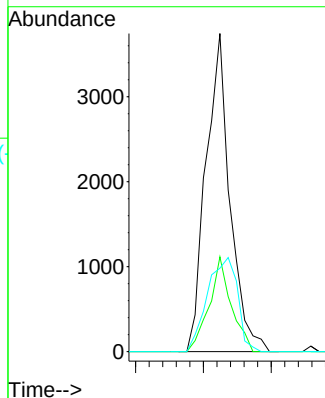
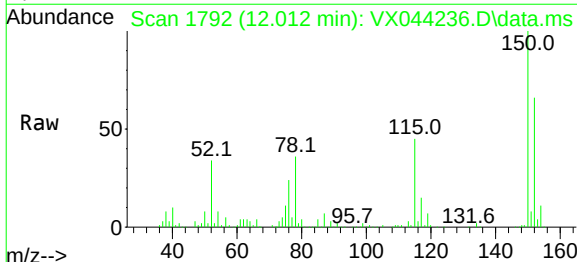
RT: 12.012 min Scan# 1792

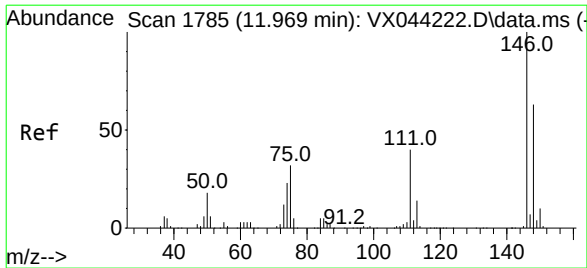
Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:119 Resp: 4615
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.8 38.4
 91 37.1 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 1.015 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

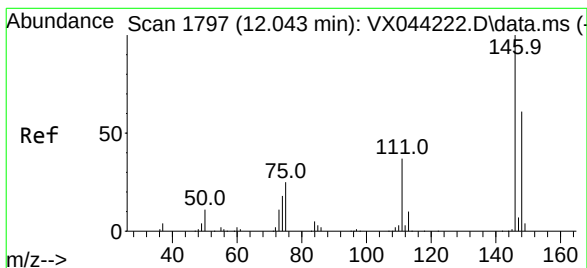
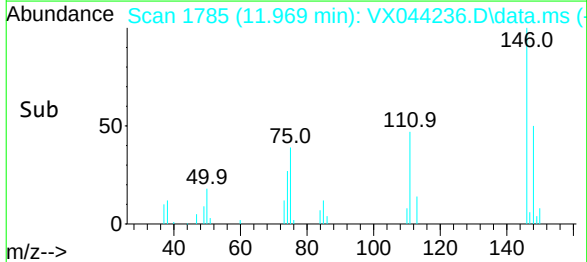
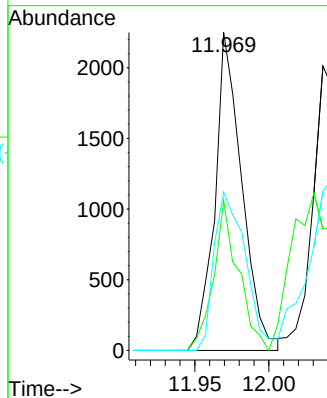
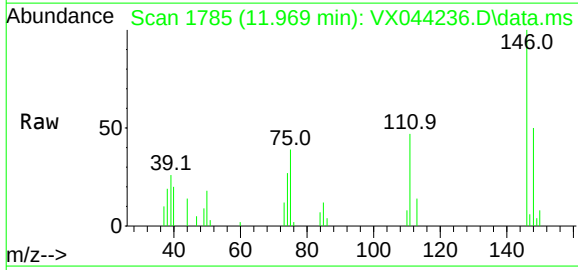
Tgt Ion:	146	Resp:	2854
Ion Ratio	Lower	Upper	
146	100		
111	43.3	21.4	64.2
148	58.5	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#88

1,4-Dichlorobenzene

Concen: 1.084 ug/l m

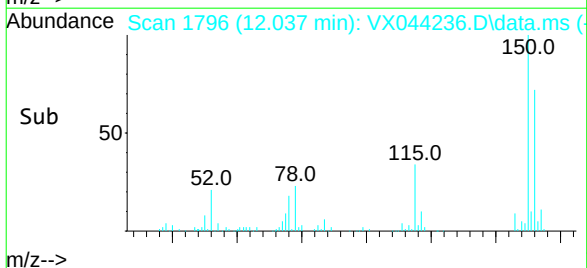
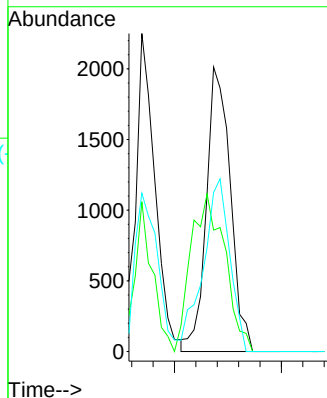
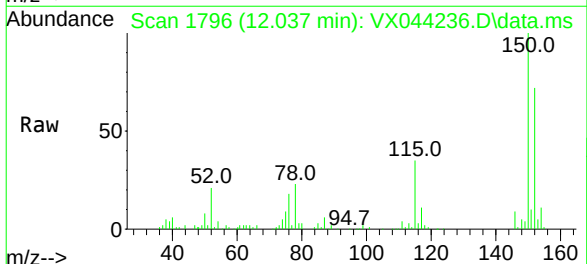
RT: 12.037 min Scan# 1796

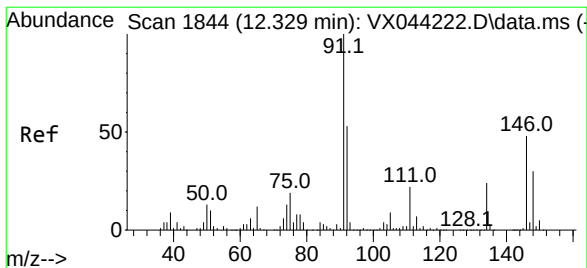
Delta R.T. -0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:	146	Resp:	3133
Ion Ratio	Lower	Upper	
146	100		
111	39.4	21.0	63.0
148	53.3	32.3	96.8





#89

n-Butylbenzene

Concen: 0.757 ug/l

RT: 12.335 min Scan# 1844

Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

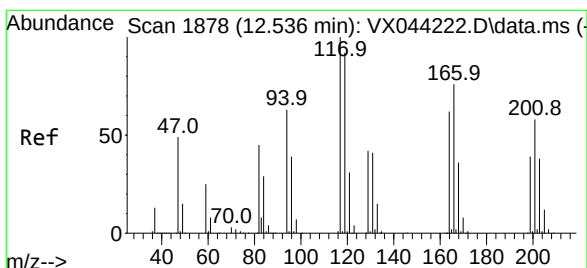
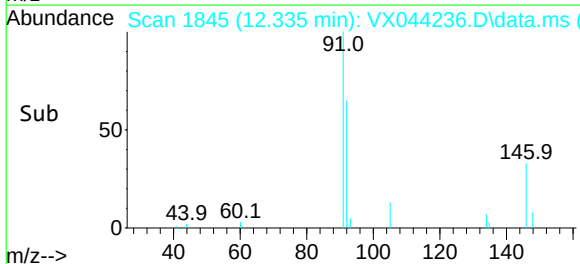
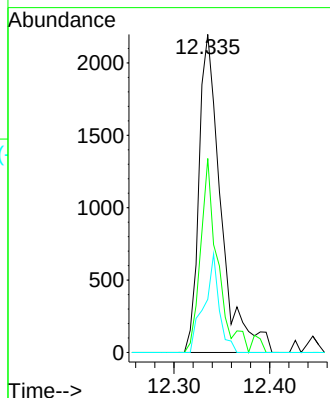
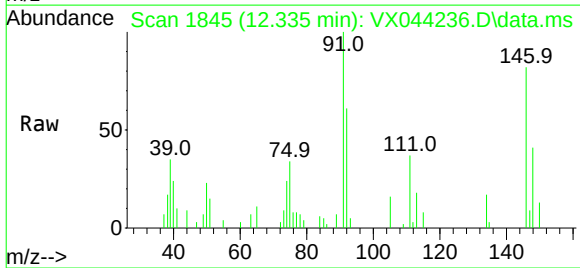
Tgt Ion:	91	Resp:	3500
Ion	Ratio	Lower	Upper
91	100		
92	47.4	26.6	79.7
134	21.2	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#90

Hexachloroethane

Concen: 0.707 ug/l

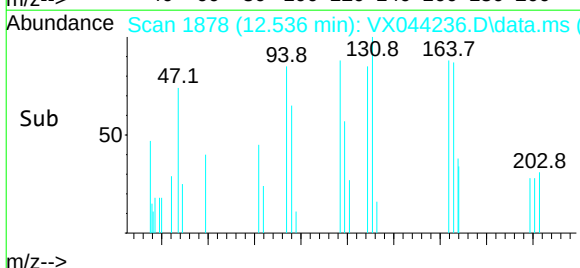
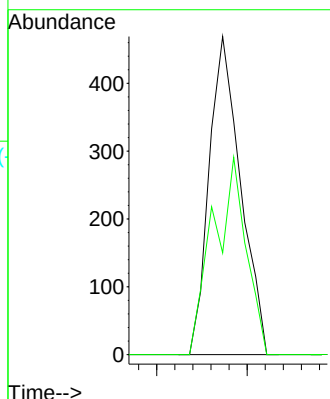
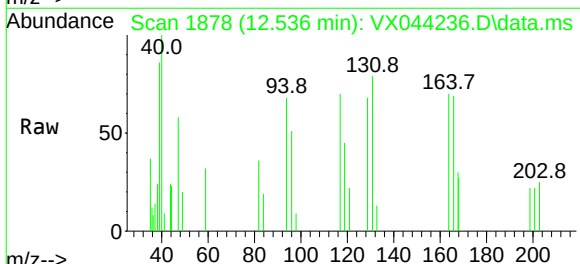
RT: 12.536 min Scan# 1878

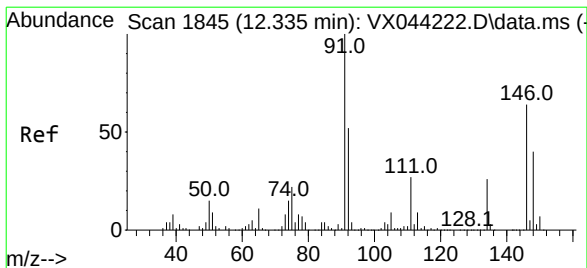
Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:	117	Resp:	567
Ion	Ratio	Lower	Upper
117	100		
201	65.1	31.4	94.2





#91

1,2-Dichlorobenzene

Concen: 0.965 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

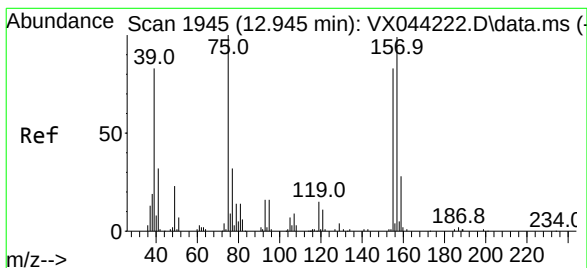
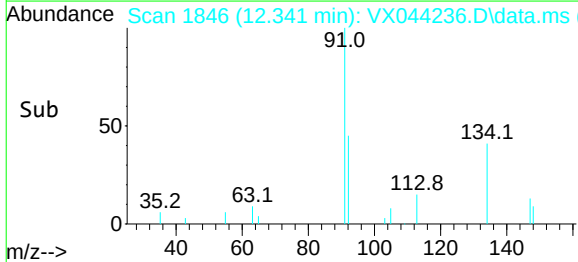
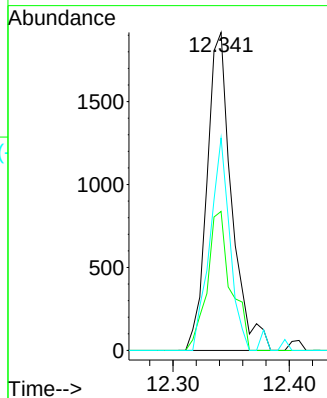
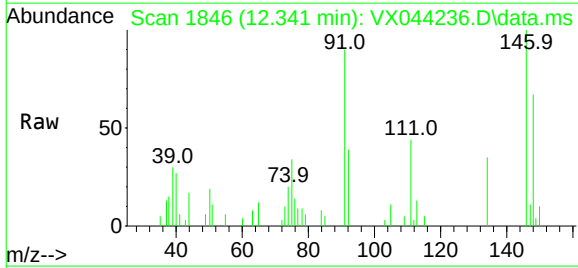
Tgt Ion:	146	Resp:	2818
Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.4	64.3
148	54.1	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.804 ug/l

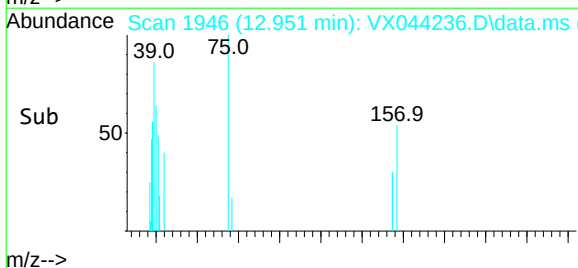
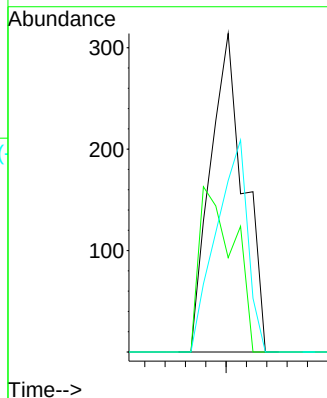
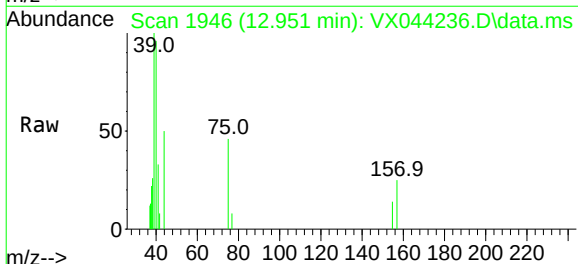
RT: 12.951 min Scan# 1946

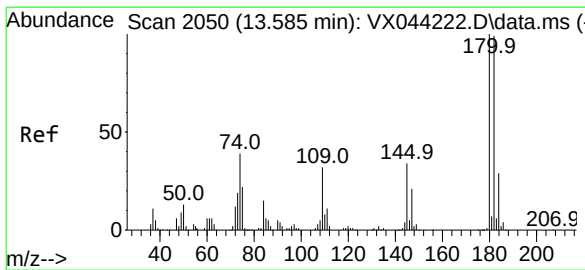
Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

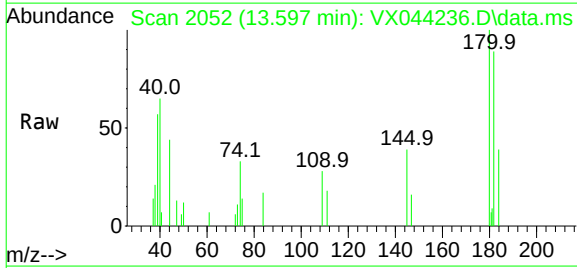
Tgt Ion:	75	Resp:	360
Ion	Ratio	Lower	Upper
75	100		
155	53.3	38.1	114.3
157	62.5	47.2	141.6





#93
1,2,4-Trichlorobenzene
Concen: 0.928 ug/l
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28

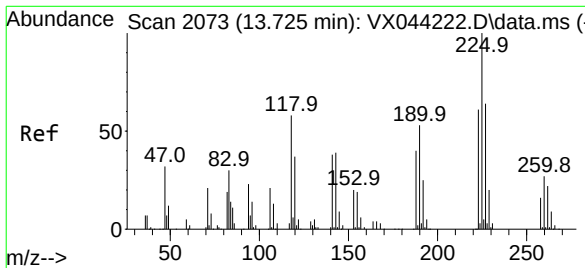
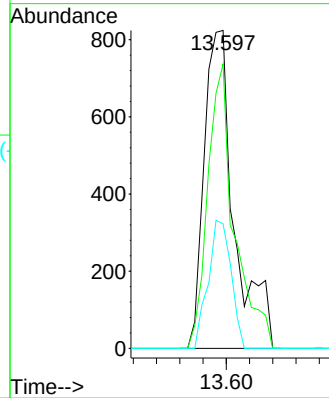
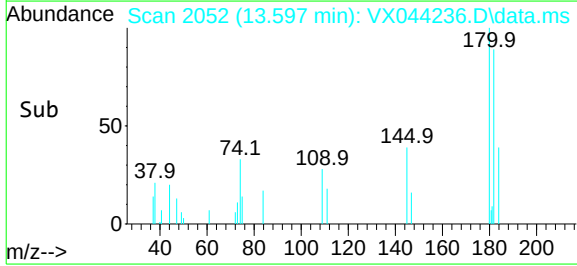
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT4-2024



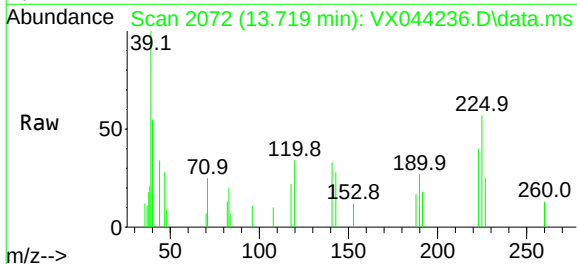
Tgt Ion:180 Resp: 1486
Ion Ratio Lower Upper
180 100
182 78.5 48.0 144.2
145 30.5 16.6 49.7

Manual Integrations
APPROVED

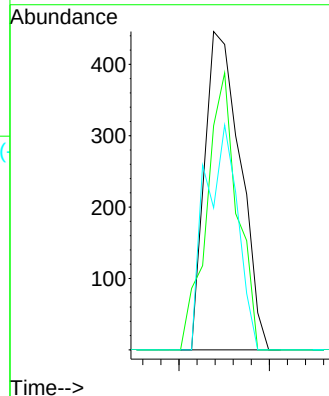
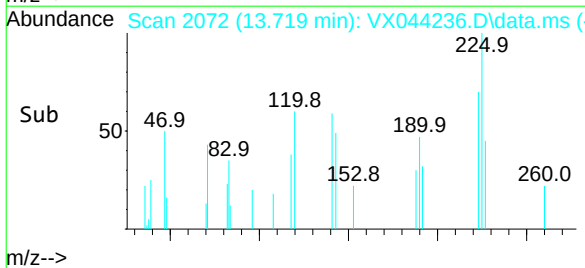
Reviewed By :John Carlone 12/12/2024
Supervised By :Mahesh Dadoda 12/12/2024

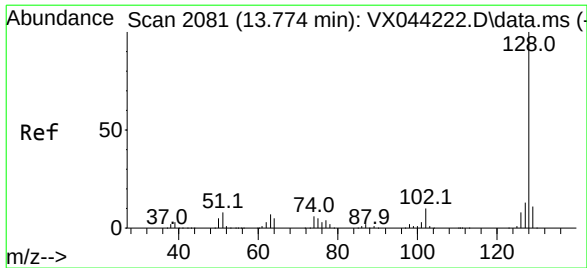


#94
Hexachlorobutadiene
Concen: 0.947 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044236.D
Acq: 11 Dec 2024 18:28



Tgt Ion:225 Resp: 610
Ion Ratio Lower Upper
225 100
223 74.9 30.8 92.4
227 64.4 32.1 96.3





#95

Naphthalene

Concen: 0.753 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT4-2024

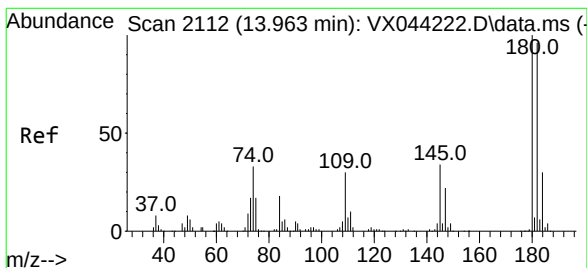
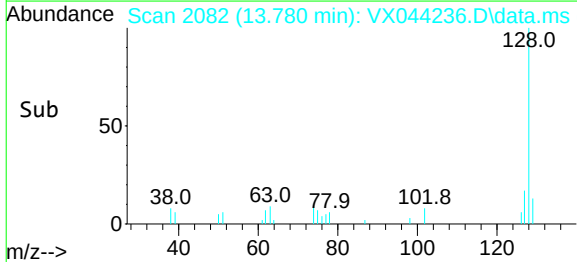
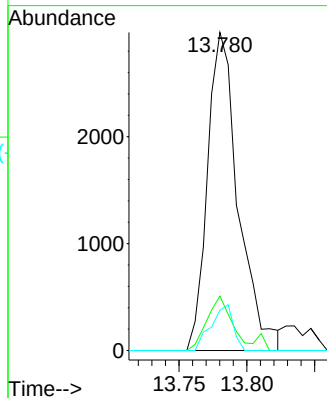
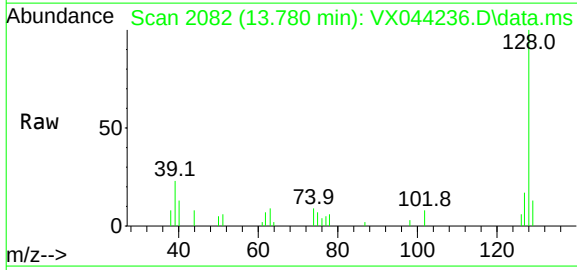
Tgt Ion:	128	Resp:	4704
Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.5	15.7
129	10.3	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2024

Supervised By :Mahesh Dadoda 12/12/2024



#96

1,2,3-Trichlorobenzene

Concen: 0.830 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX044236.D

Acq: 11 Dec 2024 18:28

Tgt Ion:	180	Resp:	1409
Ion	Ratio	Lower	Upper
180	100		
182	117.6	48.0	144.0
145	37.5	17.7	53.1

