

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061924\
 Data File : VX041947.D
 Acq On : 19 Jun 2024 15:13
 Operator : JC/MD
 Sample : P2403-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Jun 20 01:35:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:30:37 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/20/2024
 Supervised By : Mahesh Dadoda 06/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	171181	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	253831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100994	51.164	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.320%			
35) Dibromofluoromethane	5.391	113	90047	49.997	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.000%			
50) Toluene-d8	8.647	98	312586	49.403	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.800%			
62) 4-Bromofluorobenzene	11.079	95	115238	49.408	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.820%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1594	1.222	ug/l	96
3) Chloromethane	1.307	50	2219	1.356	ug/l	96
4) Vinyl Chloride	1.374	62	2066	1.260	ug/l	98
5) Bromomethane	1.599	94	1237	1.527	ug/l	98
6) Chloroethane	1.666	64	1381	1.673	ug/l	93
7) Trichlorofluoromethane	1.868	101	2704	1.258	ug/l	96
8) Diethyl Ether	2.136	74	1161	1.151	ug/l	82
9) 1,1,2-Trichlorotrifluo...	2.319	101	1688	1.140	ug/l #	87
10) Methyl Iodide	2.441	142	2148	1.168	ug/l #	87
11) Tert butyl alcohol	3.001	59	2163	5.774	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	1760	1.192	ug/l	84
13) Acrolein	2.239	56	2066	4.920	ug/l	96
14) Allyl chloride	2.654	41	3013	1.287	ug/l #	86
15) Acrylonitrile	3.075	53	5558	5.680	ug/l	95
16) Acetone	2.392	43	6175	7.124	ug/l #	78
17) Carbon Disulfide	2.495	76	3327	1.105	ug/l #	95
18) Methyl Acetate	2.715	43	2710	1.146	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	5376	1.102	ug/l	95
20) Methylene Chloride	2.782	84	2852	1.503	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	1725	1.151	ug/l #	79
22) Diisopropyl ether	3.764	45	5283	1.067	ug/l #	53
23) Vinyl Acetate	3.733	43	21008	4.970	ug/l #	94
24) 1,1-Dichloroethane	3.611	63	3120	1.126	ug/l #	93
25) 2-Butanone	4.593	43	7558	5.605	ug/l	97
26) 2,2-Dichloropropane	4.477	77	2347	1.169	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	2043	1.089	ug/l	90
28) Bromochloromethane	4.897	49	1340	1.129	ug/l #	91
29) Tetrahydrofuran	5.038	42	4849	5.568	ug/l	94
30) Chloroform	5.099	83	3387	1.173	ug/l	94
31) Cyclohexane	5.458	56	2521	1.092	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	2626	1.088	ug/l #	52
36) 1,1-Dichloropropene	5.696	75	2191	1.146	ug/l	99
37) Ethyl Acetate	4.745	43	2481	0.996	ug/l #	87
38) Carbon Tetrachloride	5.678	117	2364	1.119	ug/l	93
39) Methylcyclohexane	7.385	83	2533	1.047	ug/l	96
40) Benzene	6.037	78	7333	1.137	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.958	41	1244	0.921	ug/l #	76
42) 1,2-Dichloroethane	6.098	62	2544	1.224	ug/l	100
43) Isopropyl Acetate	6.355	43	3713	0.971	ug/l	96
44) Trichloroethene	7.129	130	1984	1.147	ug/l	86
45) 1,2-Dichloropropane	7.440	63	1675	1.056	ug/l	97
46) Dibromomethane	7.592	93	1252	1.083	ug/l #	75
47) Bromodichloromethane	7.830	83	2143	1.010	ug/l #	98
48) Methyl methacrylate	7.714	41	1509	0.827	ug/l #	76
49) 1,4-Dioxane	7.690	88	795	18.016	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	12547	4.763	ug/l	97
52) Toluene	8.720	92	4391	1.069	ug/l	92
53) t-1,3-Dichloropropene	8.994	75	1775	0.855	ug/l	90
54) cis-1,3-Dichloropropene	8.372	75	2202	0.948	ug/l #	79
55) 1,1,2-Trichloroethane	9.159	97	1866	1.091	ug/l	92
56) Ethyl methacrylate	9.128	69	2389	0.897	ug/l	91
57) 1,3-Dichloropropane	9.317	76	3090	1.118	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.251	63	6302	5.080	ug/l	98
59) 2-Hexanone	9.439	43	10093	5.002	ug/l	99
60) Dibromochloromethane	9.531	129	1769	0.952	ug/l	99
61) 1,2-Dibromoethane	9.616	107	1893	1.067	ug/l	98
64) Tetrachloroethene	9.275	164	1955	1.204	ug/l #	82
65) Chlorobenzene	10.079	112	5625	1.213	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	1772	1.092	ug/l #	65
67) Ethyl Benzene	10.195	91	7807	1.074	ug/l	95
68) m/p-Xylenes	10.305	106	6128	2.089	ug/l	97
69) o-Xylene	10.646	106	3055	1.052	ug/l	97
70) Styrene	10.659	104	4598	0.944	ug/l	93
71) Bromoform	10.805	173	1382	0.952	ug/l #	100
73) Isopropylbenzene	10.963	105	7477	1.130	ug/l	98
74) N-amyl acetate	10.848	43	2856	0.972	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	2935	1.193	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	2542m	1.287	ug/l	
77) Bromobenzene	11.201	156	2409	1.223	ug/l	76
78) n-propylbenzene	11.305	91	8195	1.142	ug/l	99
79) 2-Chlorotoluene	11.366	91	5773	1.249	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	6170	1.120	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	569m	0.818	ug/l	
82) 4-Chlorotoluene	11.457	91	5803	1.135	ug/l	91
83) tert-Butylbenzene	11.713	119	6636	1.098	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	5768	1.044	ug/l	91
85) sec-Butylbenzene	11.890	105	7284	1.065	ug/l	98
86) p-Isopropyltoluene	12.012	119	5864	0.982	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	3989	1.152	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	4252m	1.200	ug/l	
89) n-Butylbenzene	12.335	91	4389	0.955	ug/l	97
90) Hexachloroethane	12.536	117	984	0.968	ug/l	66
91) 1,2-Dichlorobenzene	12.341	146	4155	1.173	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	12.945	75	460	0.944	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.591	180	2251	0.970	ug/l	95
94) Hexachlorobutadiene	13.725	225	1262	1.075	ug/l	98
95) Naphthalene	13.780	128	6714	0.938	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	2386	0.975	ug/l	91

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ClientSampleId :
LOQ-WATER-02-QT2-2024

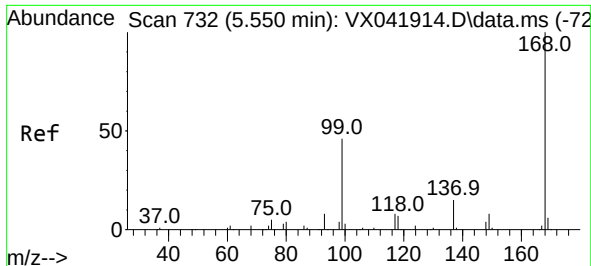
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/20/2024

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:30:37 2024
Response via : Initial Calibration

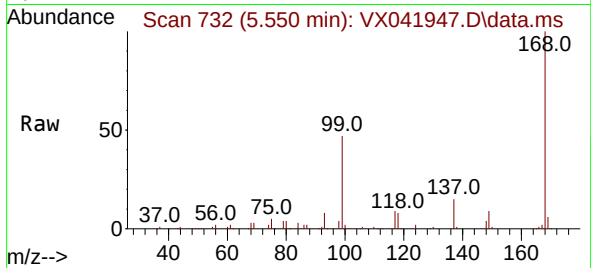
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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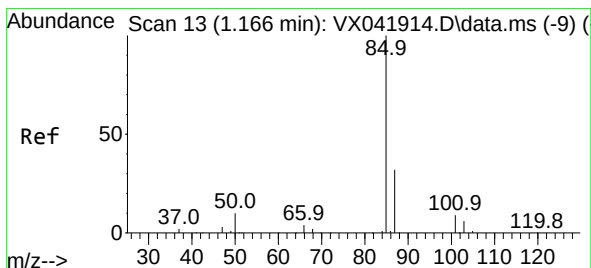
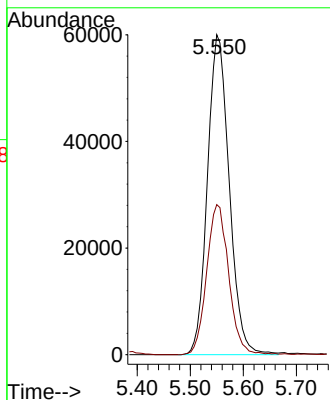
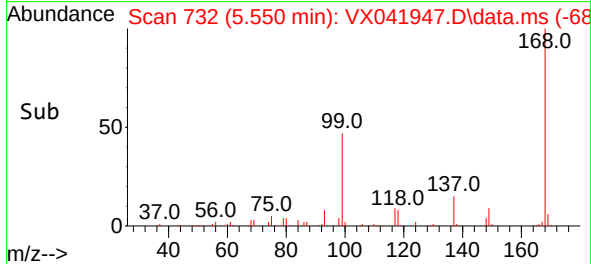
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:168 Resp: 17118
Ion Ratio Lower Upper
168 100
99 46.9 56.6 85.0

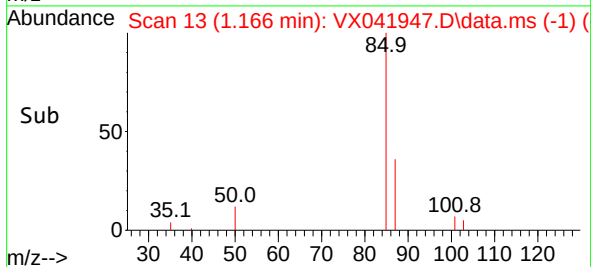
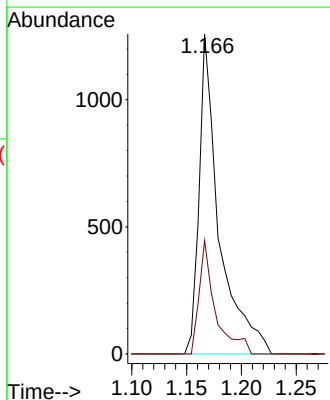
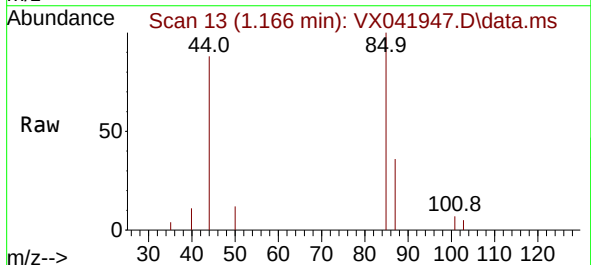
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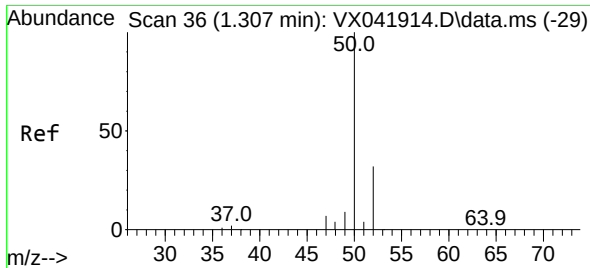
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#2
Dichlorodifluoromethane
Concen: 1.222 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion: 85 Resp: 1594
Ion Ratio Lower Upper
85 100
87 35.5 16.7 50.1





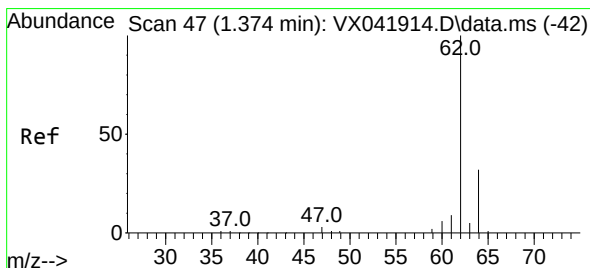
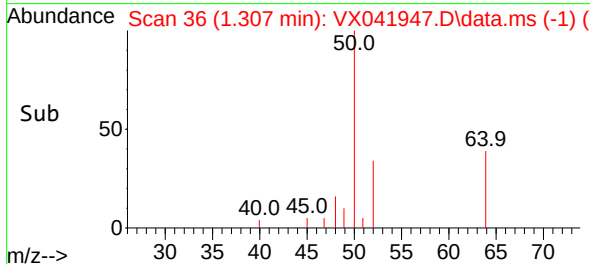
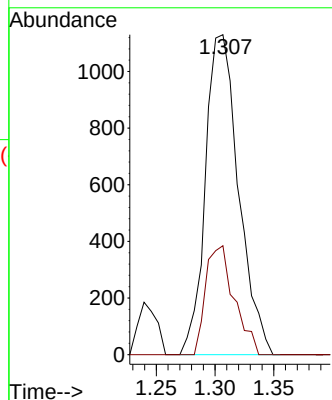
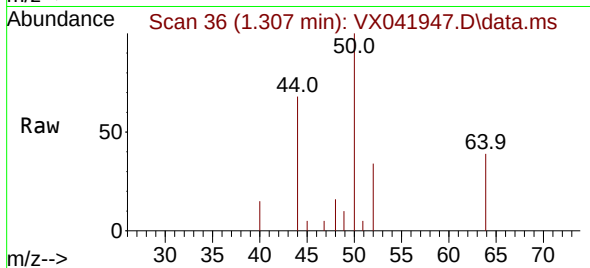
#3
Chloromethane
Concen: 1.356 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion: 50 Resp: 2219
Ion Ratio Lower Upper
50 100
52 34.1 25.5 38.3

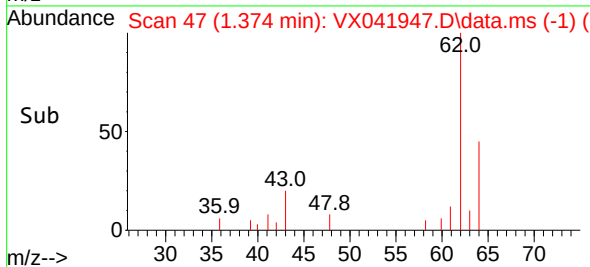
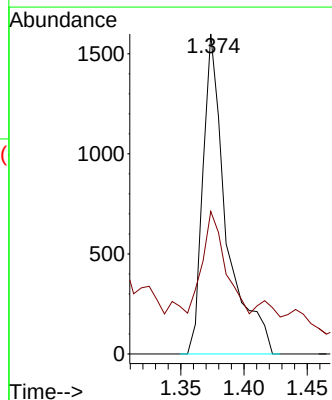
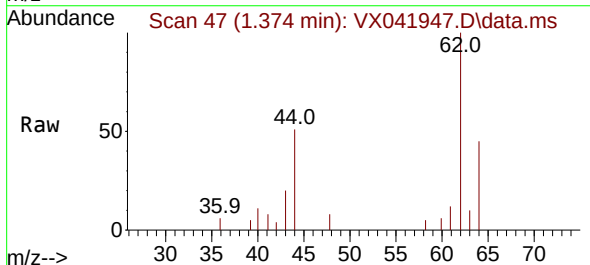
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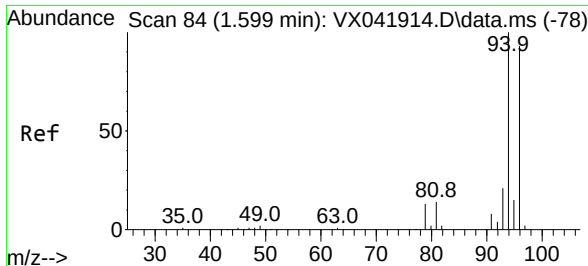
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#4
Vinyl Chloride
Concen: 1.260 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

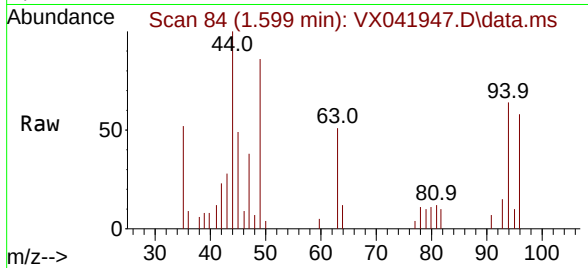
Tgt Ion: 62 Resp: 2066
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.0





#5
Bromomethane
Concen: 1.527 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

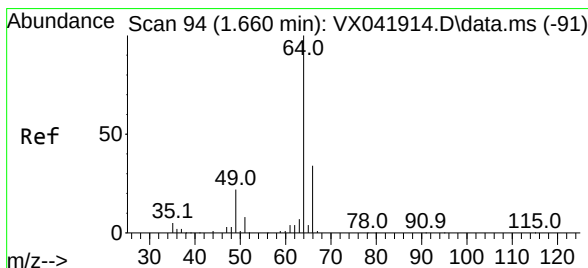
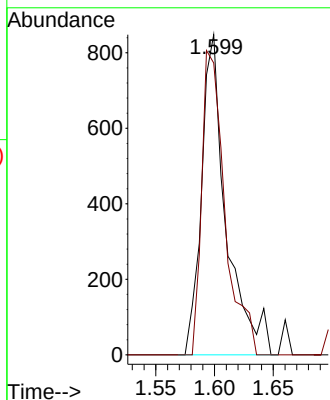
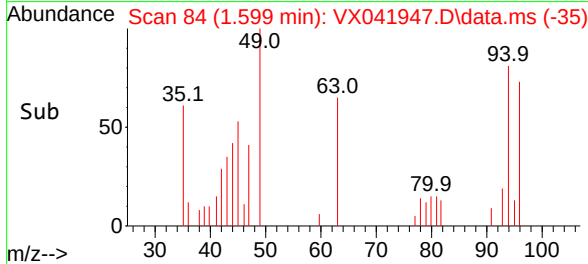
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 91.2 74.6 111.8

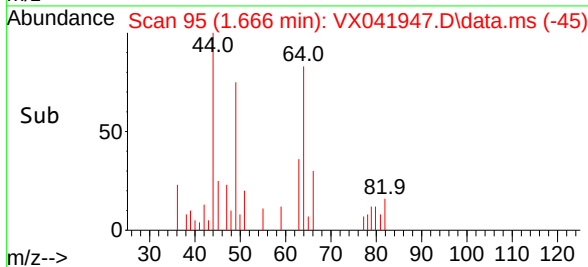
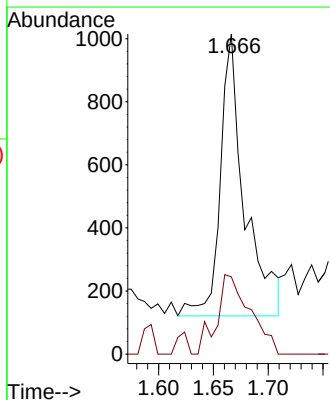
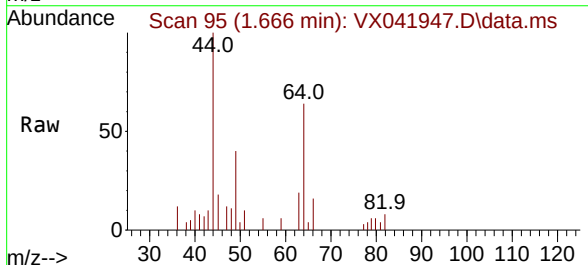
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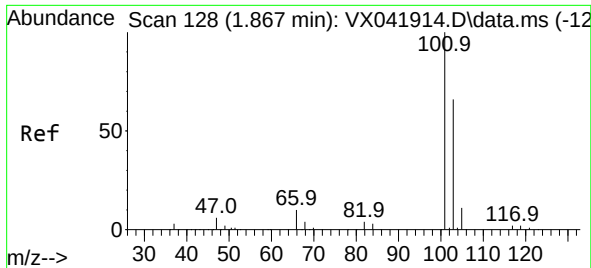
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#6
Chloroethane
Concen: 1.673 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

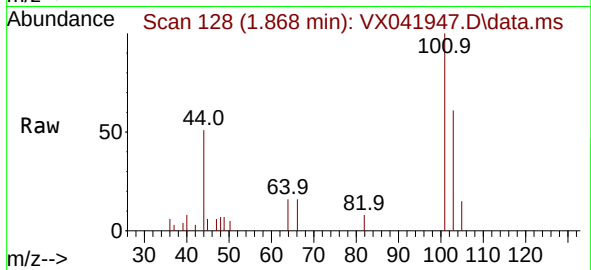
Tgt Ion: 64 Resp: 1381
Ion Ratio Lower Upper
64 100
66 27.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 1.258 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

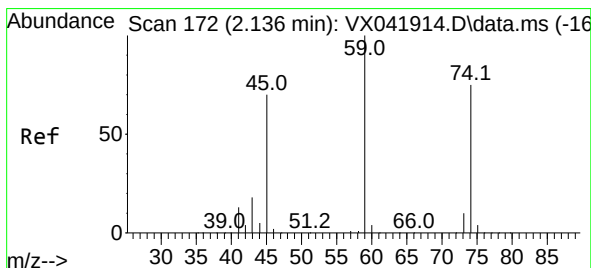
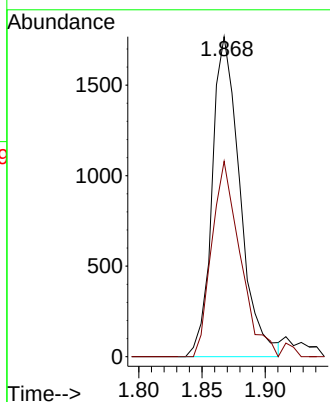
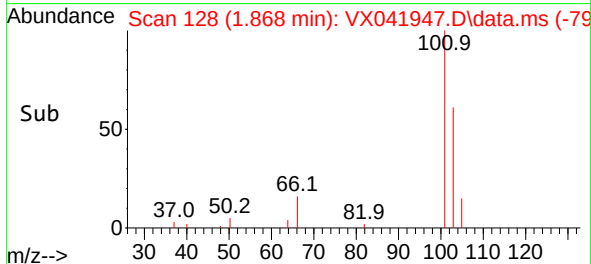
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:101 Resp: 2704
Ion Ratio Lower Upper
101 100
103 61.0 51.4 77.2

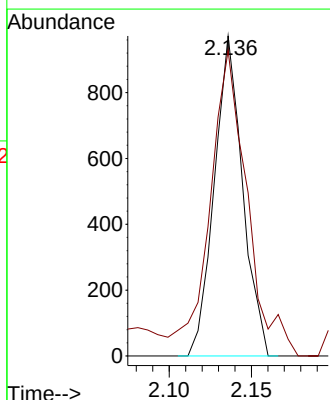
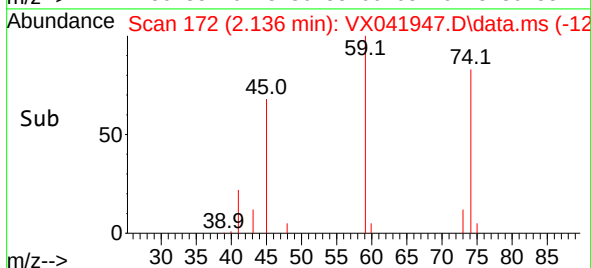
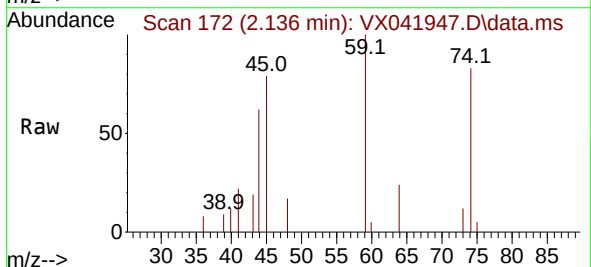
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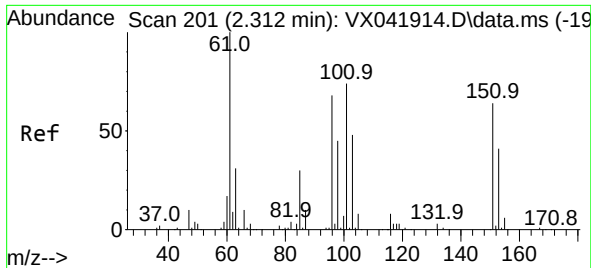
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#8
Diethyl Ether
Concen: 1.151 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX041947.D
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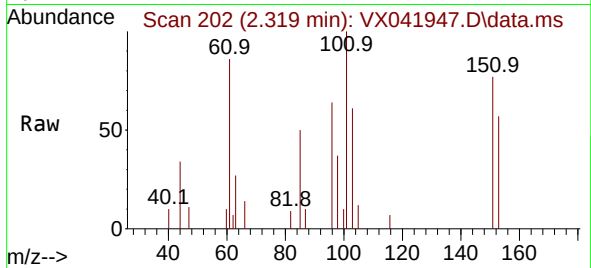
Tgt Ion: 74 Resp: 1161
Ion Ratio Lower Upper
74 100
45 125.7 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.140 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX041947.D
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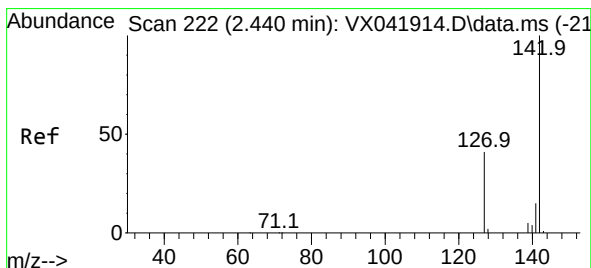
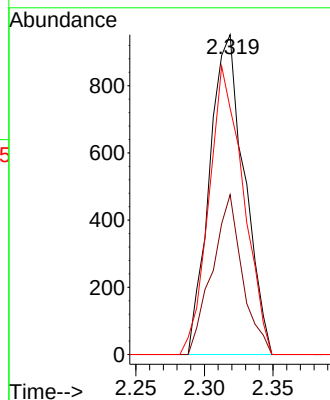
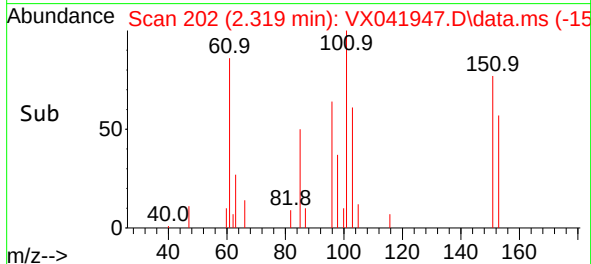
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:101 Resp: 1688
Ion Ratio Lower Upper
101 100
85 43.2 37.0 55.6
151 88.7 58.6 87.8

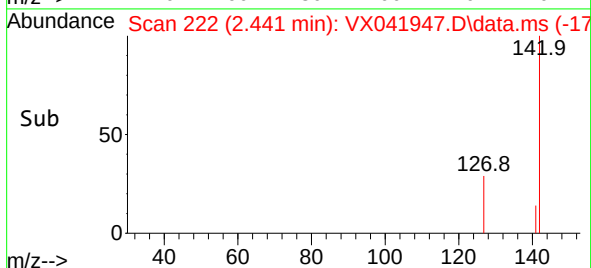
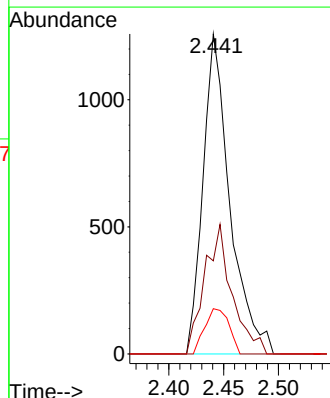
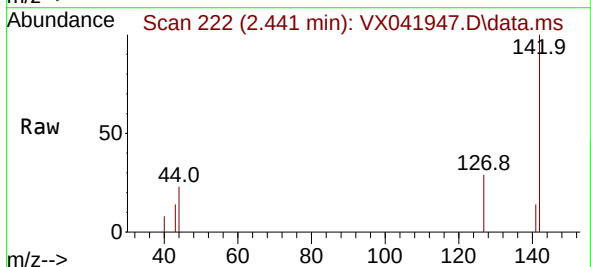
Manual Integrations
APPROVED

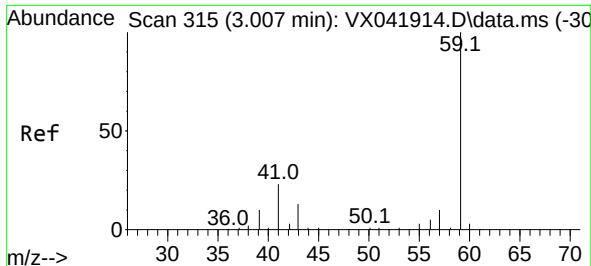
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#10
Methyl Iodide
Concen: 1.168 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

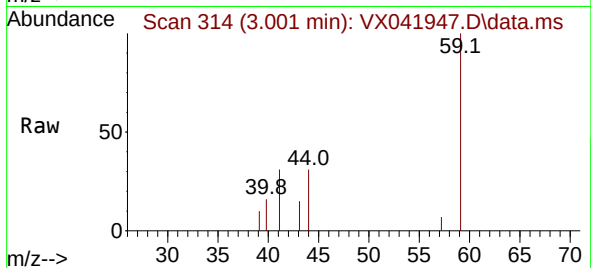
Tgt Ion:142 Resp: 2148
Ion Ratio Lower Upper
142 100
127 41.2 41.6 62.4#
141 12.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 5.774 ug/l
RT: 3.001 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

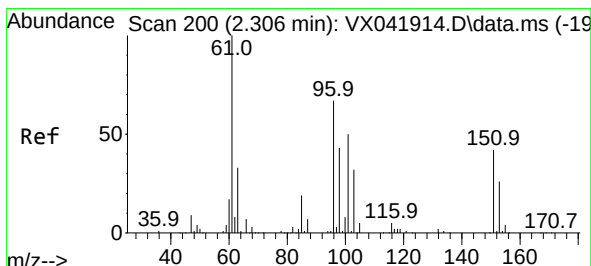
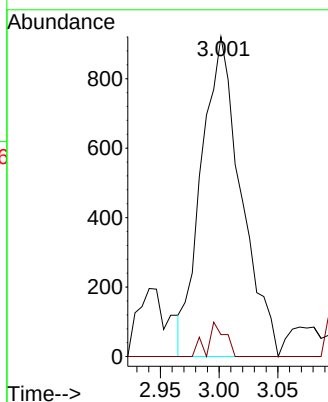
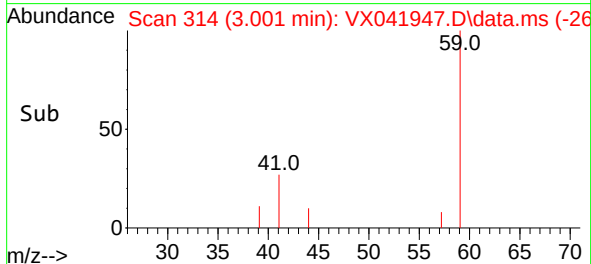
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 59 Resp: 216
Ion Ratio Lower Upper
59 100
57 4.8 6.0 9.0

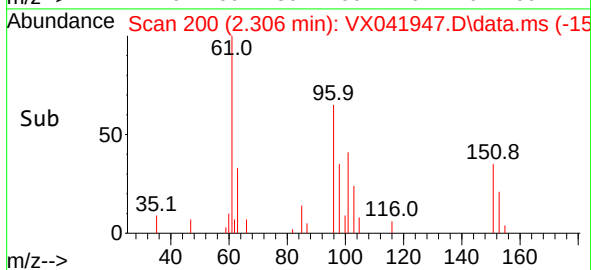
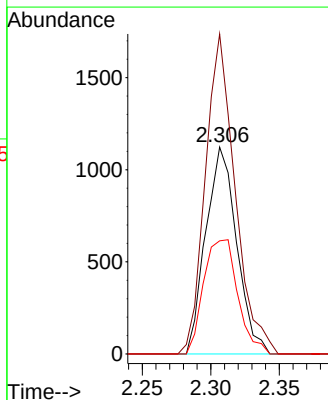
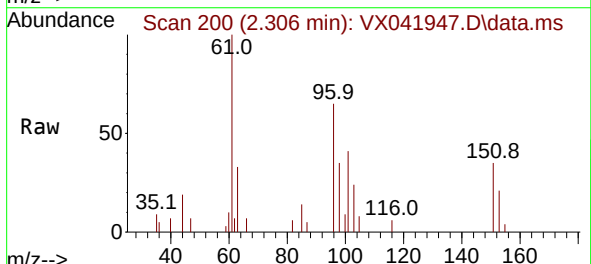
Manual Integrations
APPROVED

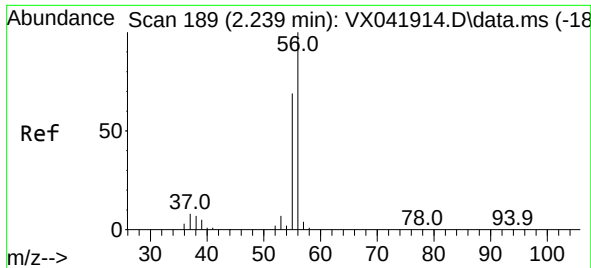
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#12
1,1-Dichloroethene
Concen: 1.192 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

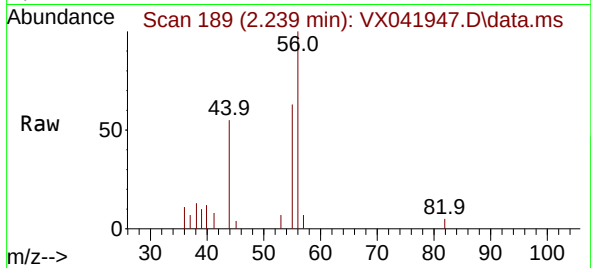
Tgt Ion: 96 Resp: 1760
Ion Ratio Lower Upper
96 100
61 154.7 144.6 216.8
98 54.7 50.4 75.6





#13
Acrolein
Concen: 4.920 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

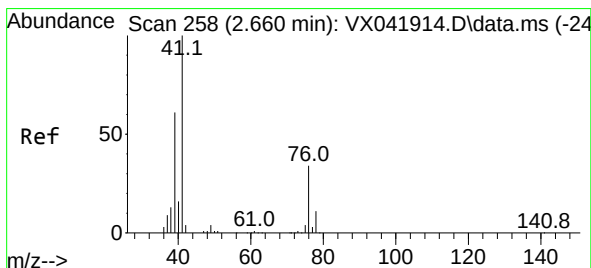
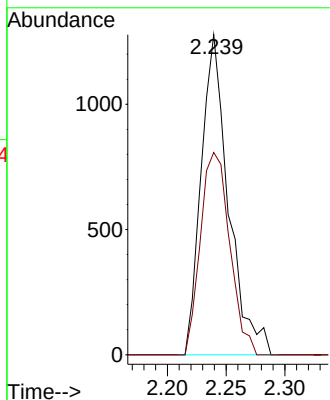
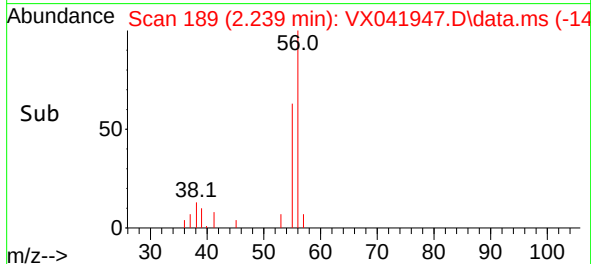
Instrument : MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 56 Resp: 2060
Ion Ratio Lower Upper
56 100
55 67.8 57.1 85.7

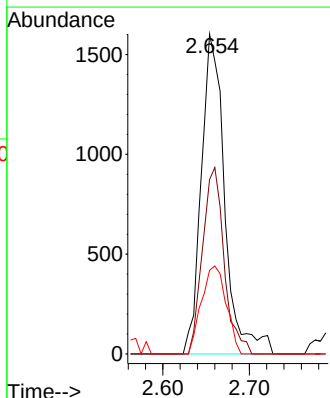
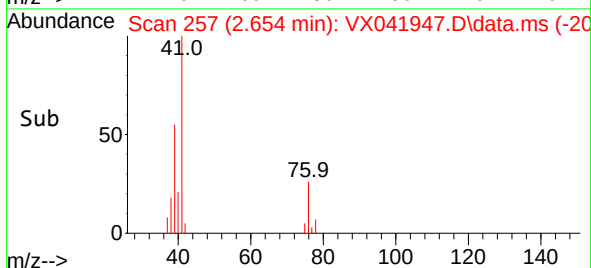
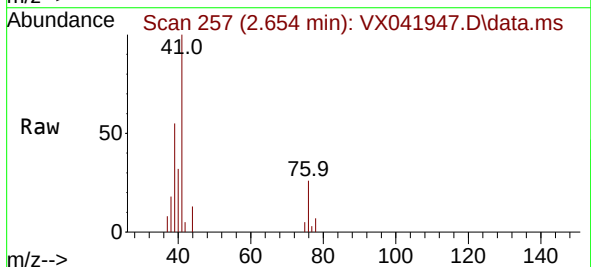
Manual Integrations
APPROVED

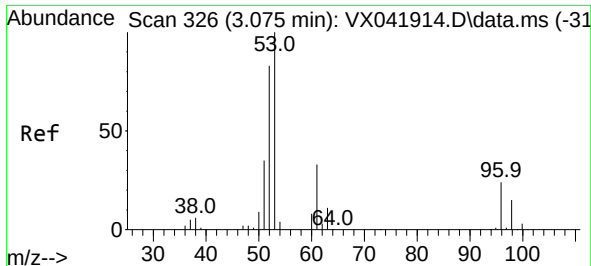
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#14
Allyl chloride
Concen: 1.287 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

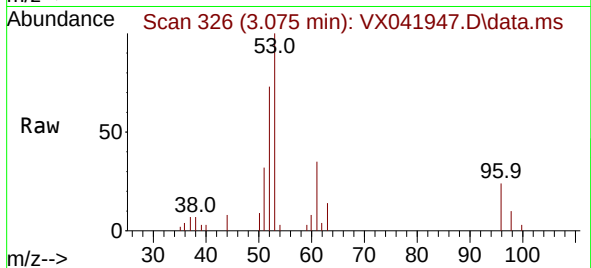
Tgt Ion: 41 Resp: 3013
Ion Ratio Lower Upper
41 100
39 53.7 55.8 83.6#
76 29.0 24.3 36.5





#15
Acrylonitrile
Concen: 5.680 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

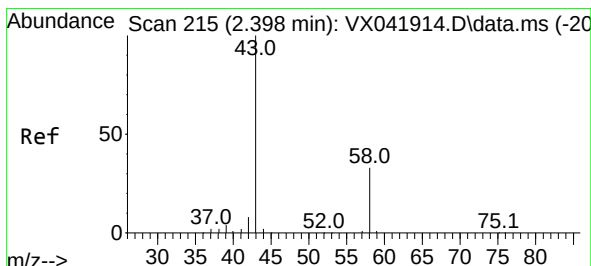
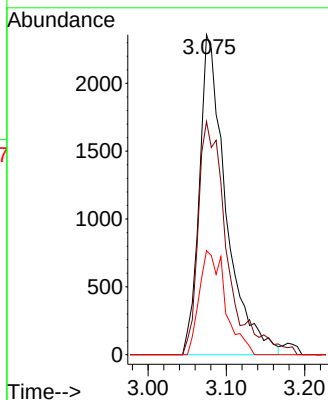
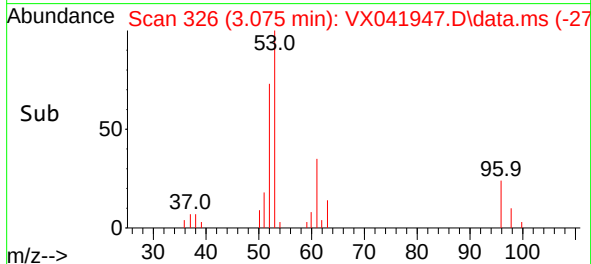
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 53 Resp: 5558
Ion Ratio Lower Upper
53 100
52 79.3 66.0 99.0
51 32.0 29.8 44.6

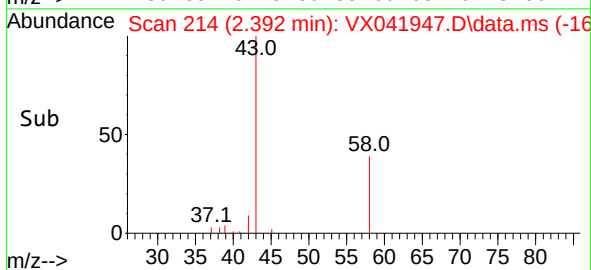
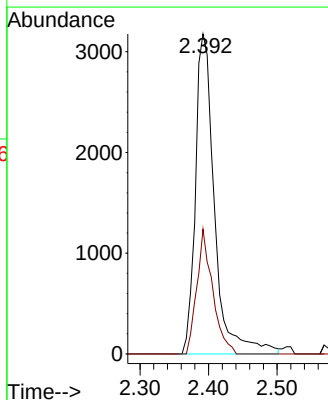
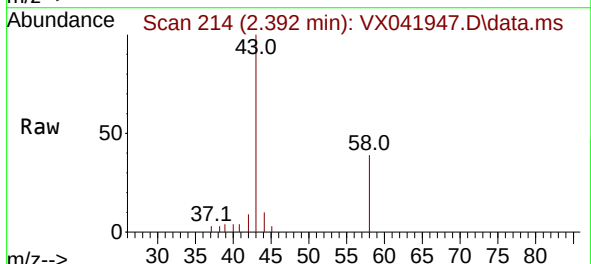
Manual Integrations
APPROVED

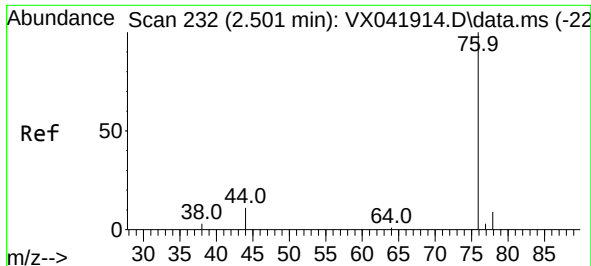
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#16
Acetone
Concen: 7.124 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion: 43 Resp: 6175
Ion Ratio Lower Upper
43 100
58 39.0 21.9 32.9





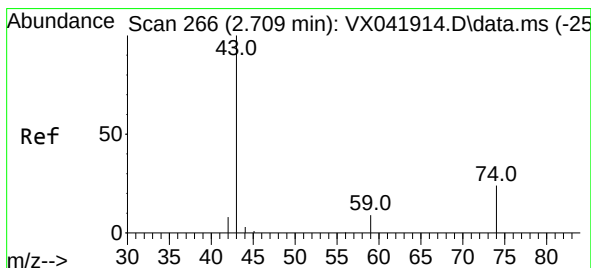
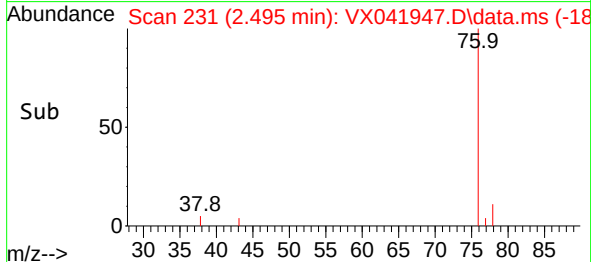
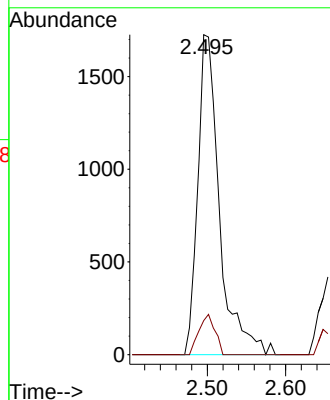
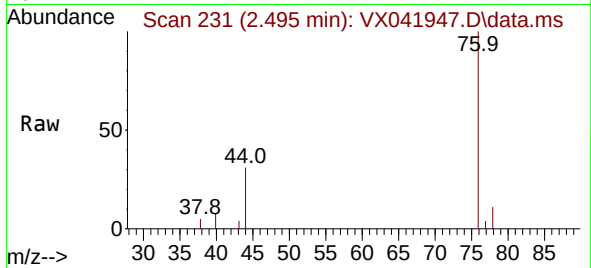
#17
Carbon Disulfide
Concen: 1.105 ug/l
RT: 2.495 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 76 Resp: 332
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6

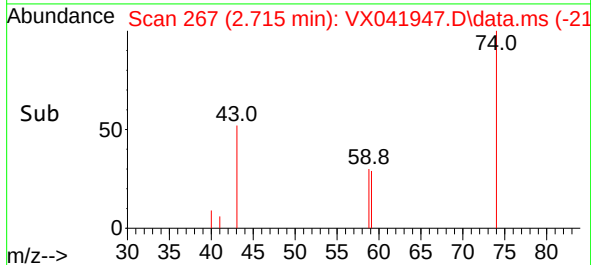
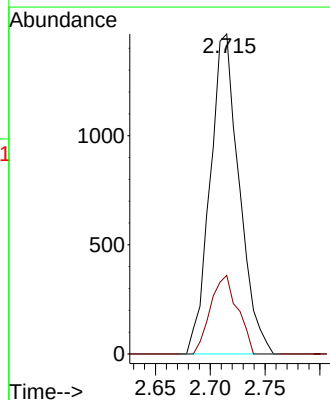
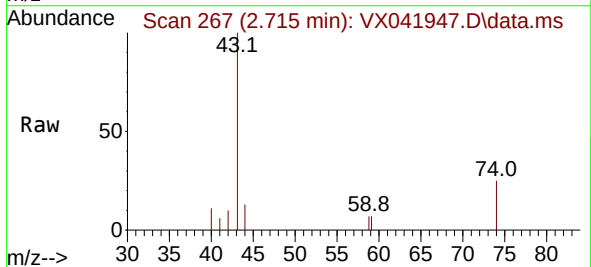
Manual Integrations
APPROVED

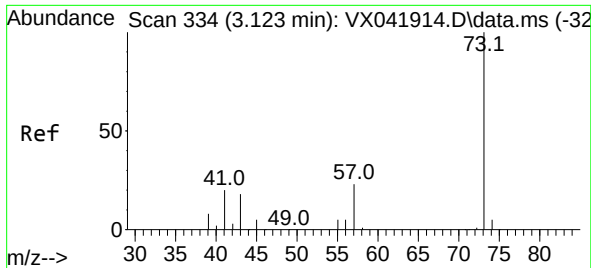
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#18
Methyl Acetate
Concen: 1.146 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion: 43 Resp: 2710
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8





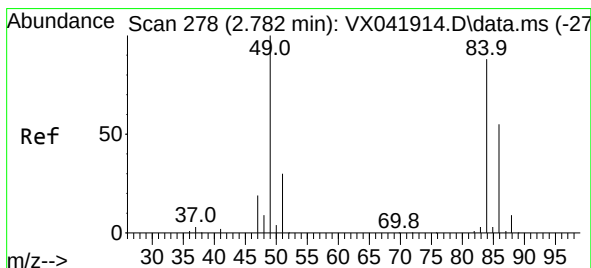
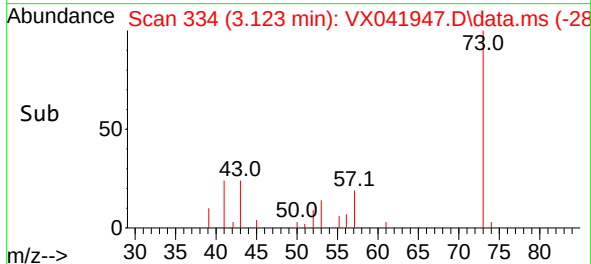
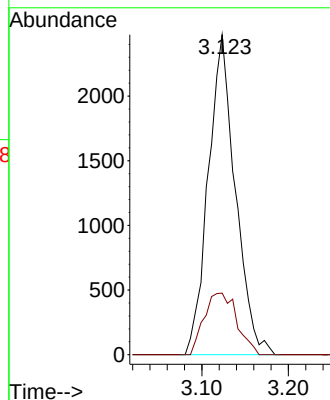
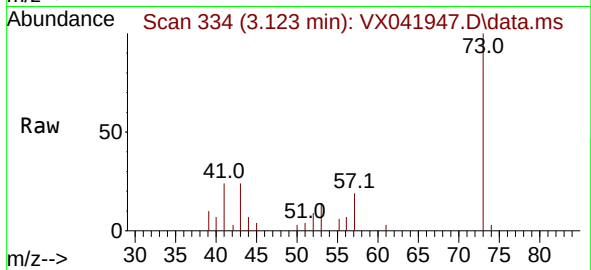
#19
Methyl tert-butyl Ether
Concen: 1.102 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 73 Resp: 5370
Ion Ratio Lower Upper
73 100
57 19.3 17.3 25.9

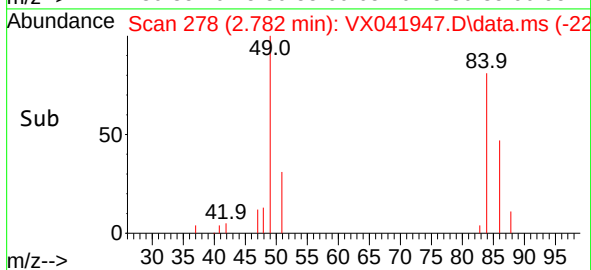
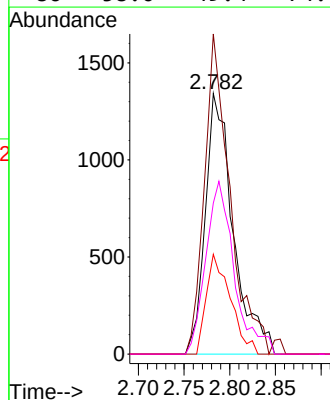
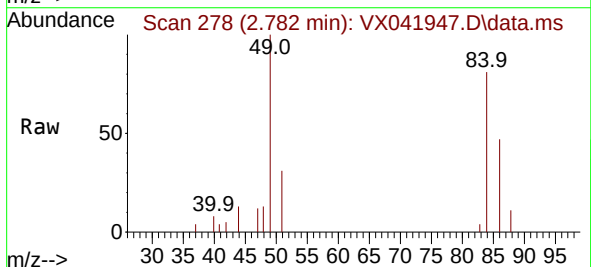
Manual Integrations
APPROVED

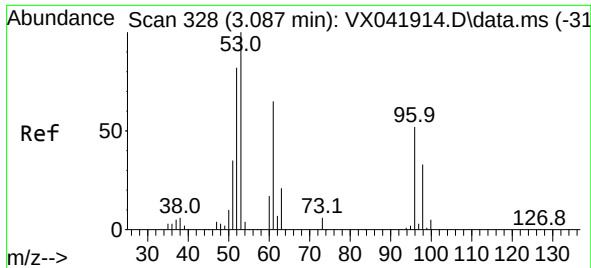
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#20
Methylene Chloride
Concen: 1.503 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

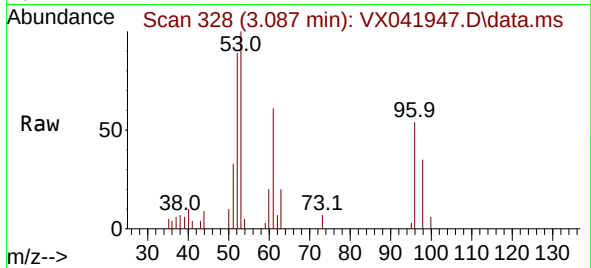
Tgt Ion: 84 Resp: 2852
Ion Ratio Lower Upper
84 100
49 122.9 103.6 155.4
51 38.3 33.8 50.6
86 58.0 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 1.151 ug/l
RT: 3.087 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

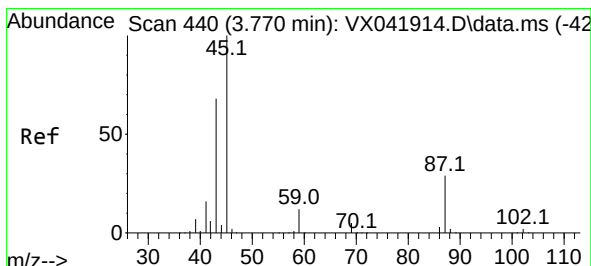
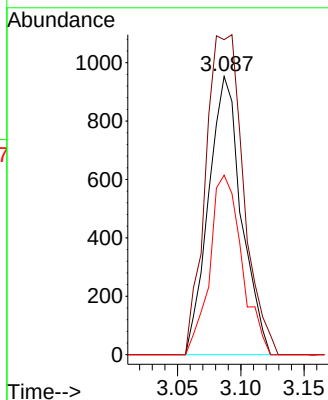
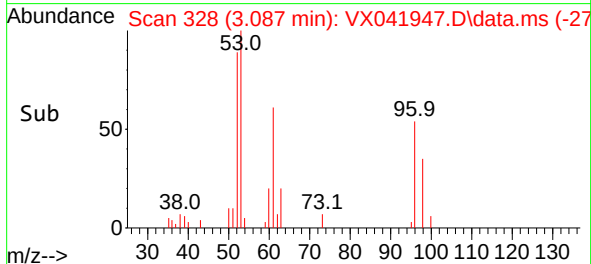
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 96 Resp: 1729
Ion Ratio Lower Upper
96 100
61 113.2 119.2 178.8#
98 64.5 48.7 73.1

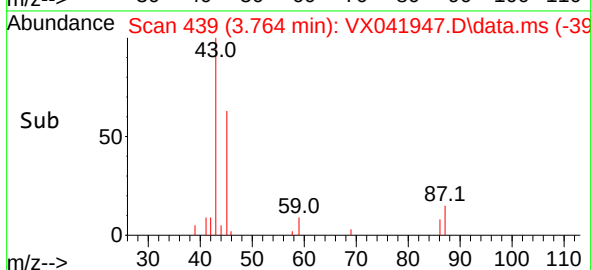
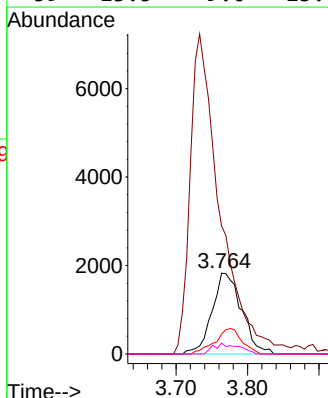
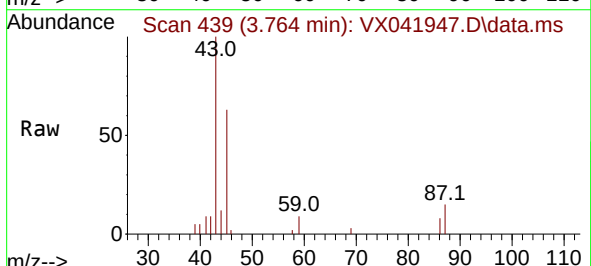
Manual Integrations
APPROVED

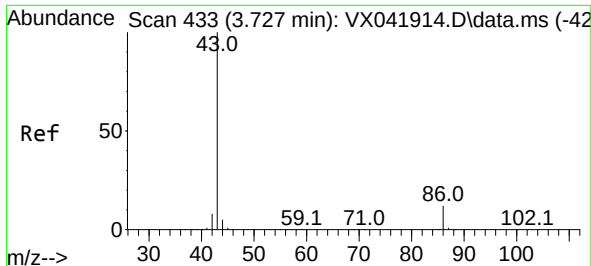
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#22
Diisopropyl ether
Concen: 1.067 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion: 45 Resp: 5283
Ion Ratio Lower Upper
45 100
43 147.6 69.7 104.5#
87 24.5 20.8 31.2
59 13.5 9.0 13.4#





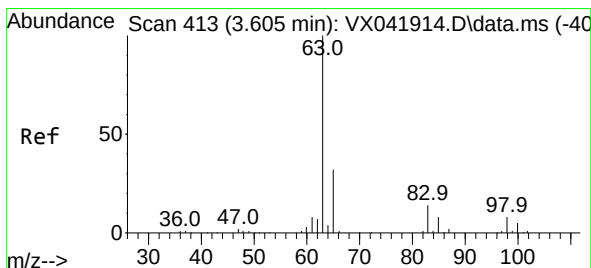
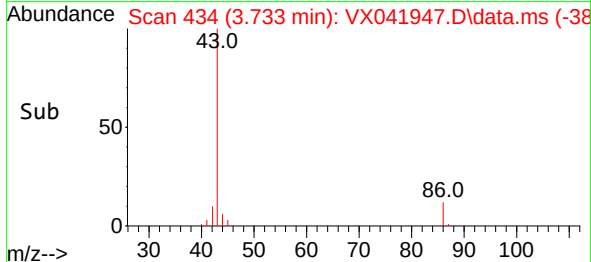
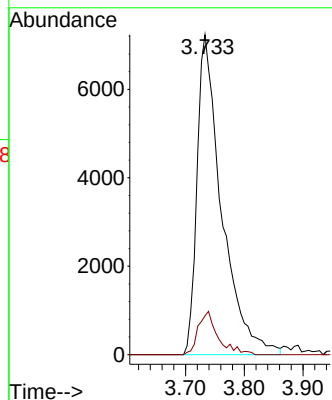
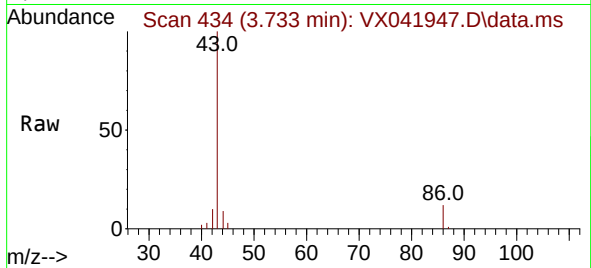
#23
 Vinyl Acetate
 Concen: 4.970 ug/l
 RT: 3.733 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX041947.D
 Acq: 19 Jun 2024 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Tgt Ion: 43 Resp: 2100
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.8 11.8

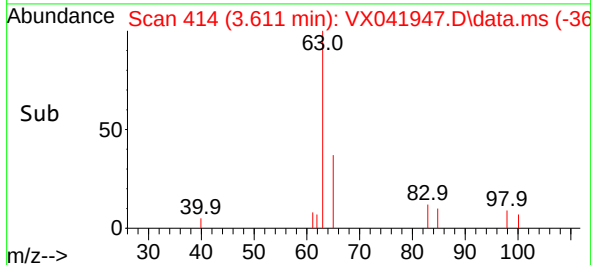
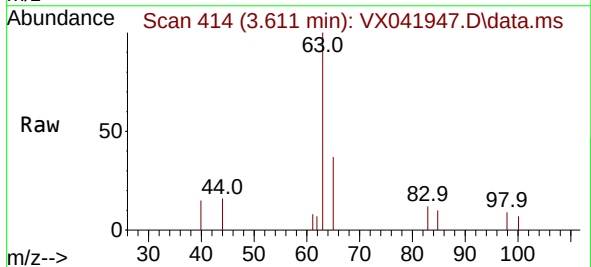
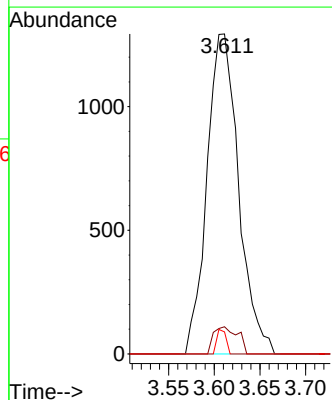
Manual Integrations
 APPROVED

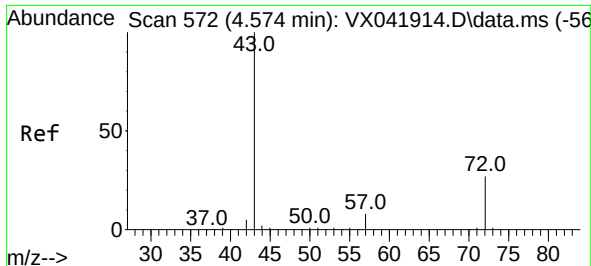
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024



#24
 1,1-Dichloroethane
 Concen: 1.126 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX041947.D
 Acq: 19 Jun 2024 15:13

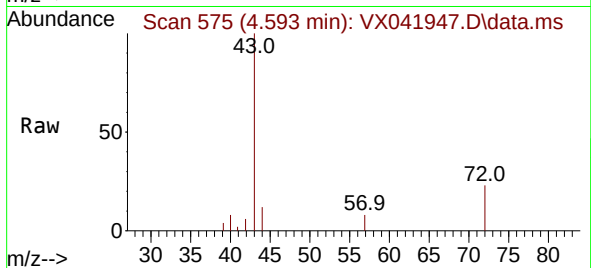
Tgt Ion: 63 Resp: 3120
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.3 9.8
 100 6.9 2.1 6.5





#25
2-Butanone
Concen: 5.605 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

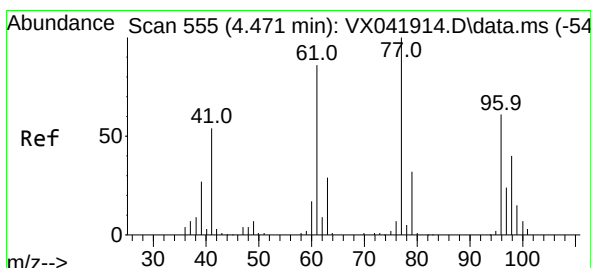
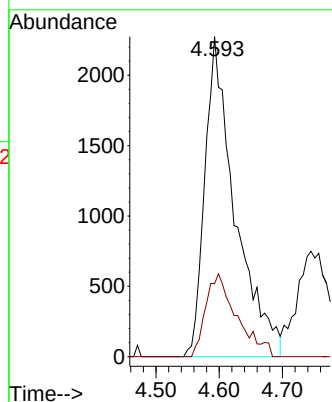
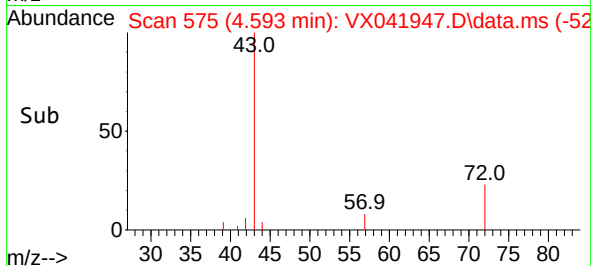
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 43 Resp: 7558
Ion Ratio Lower Upper
43 100
72 22.8 19.4 29.2

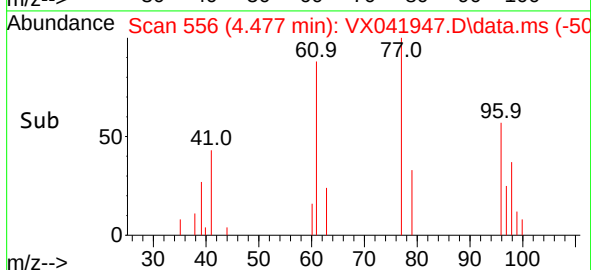
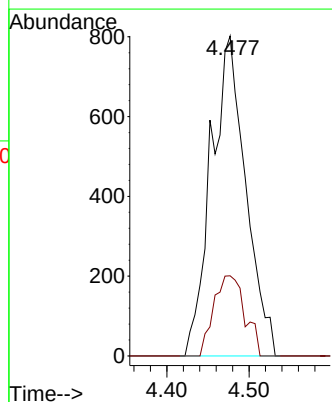
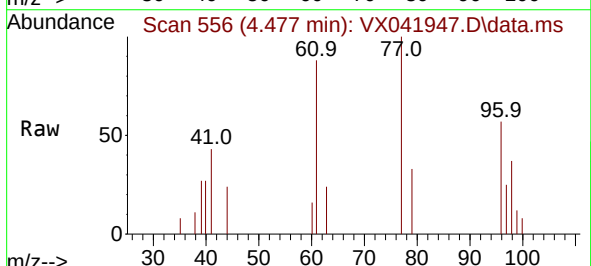
Manual Integrations
APPROVED

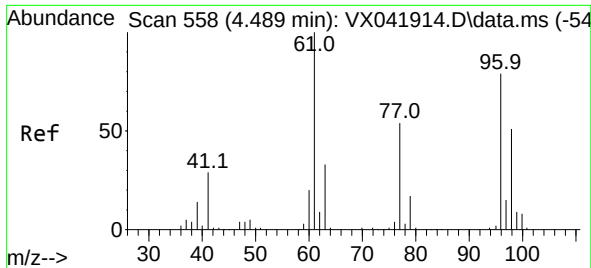
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#26
2,2-Dichloropropane
Concen: 1.169 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

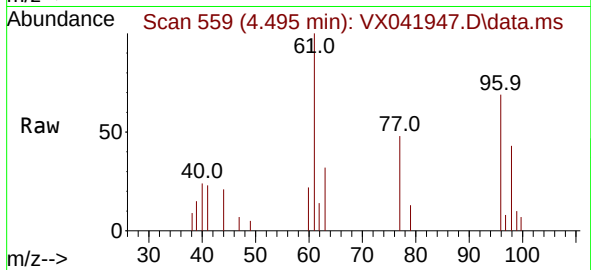
Tgt Ion: 77 Resp: 2347
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 1.089 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX041947.D
 Acq: 19 Jun 2024 15:13

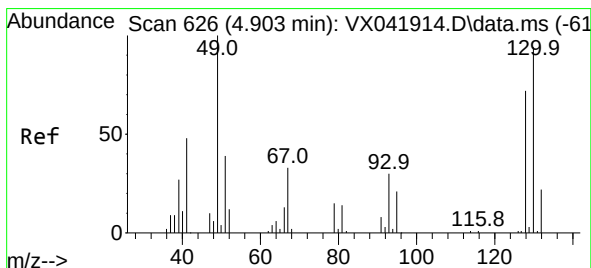
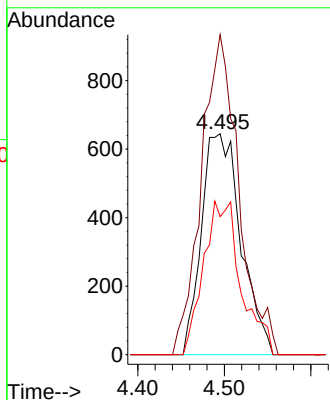
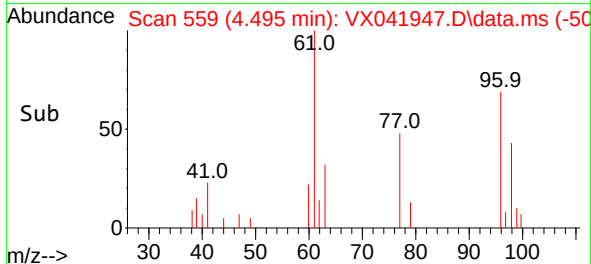
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



Tgt Ion: 96 Resp: 204
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 312.2
 98 65.5 0.0 129.0

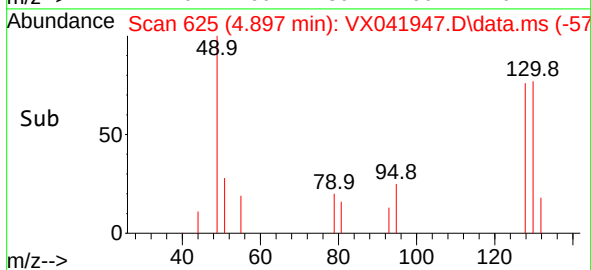
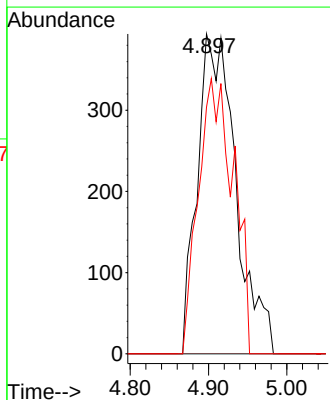
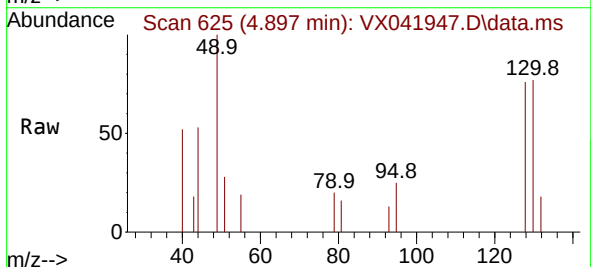
Manual Integrations
 APPROVED

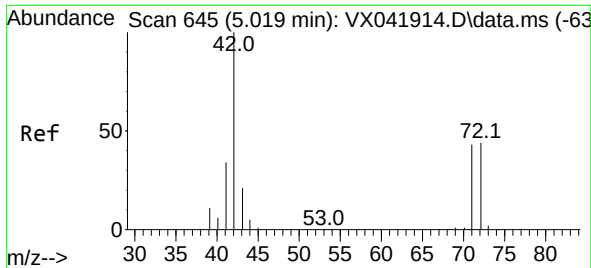
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024



#28
 Bromochloromethane
 Concen: 1.129 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX041947.D
 Acq: 19 Jun 2024 15:13

Tgt Ion: 49 Resp: 1340
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 79.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 5.568 ug/l

RT: 5.038 min Scan# 645

Delta R.T. 0.018 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

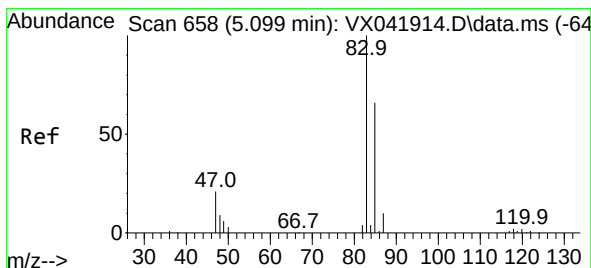
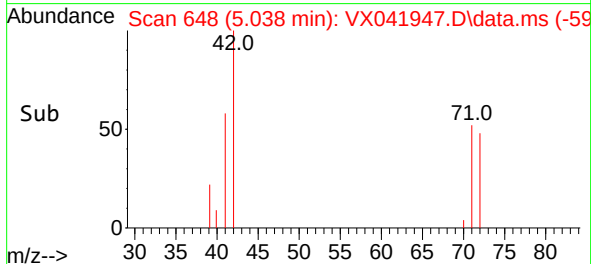
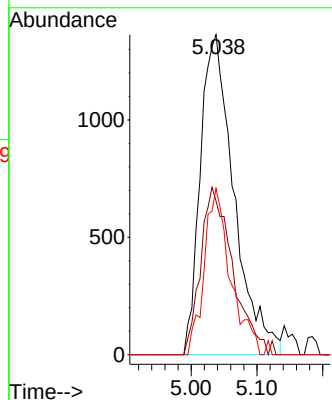
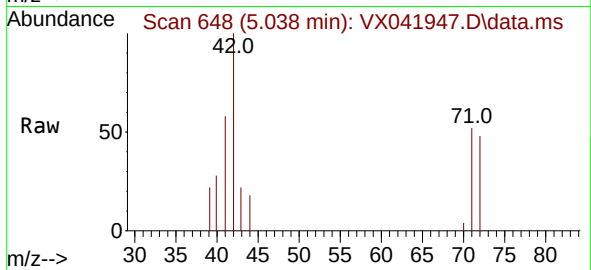
Tgt Ion: 42	Resp: 4849
Ion Ratio	Lower Upper
42 100	
72 50.1	34.2 51.4
71 40.4	32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#30

Chloroform

Concen: 1.173 ug/l

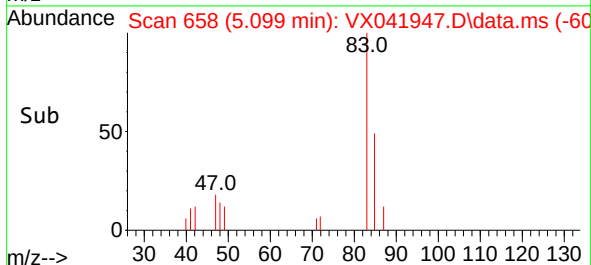
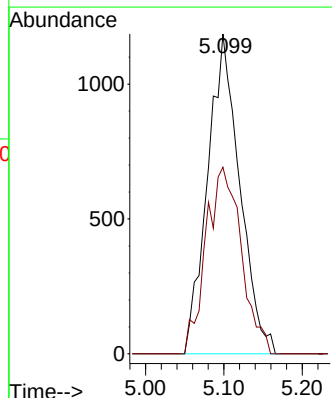
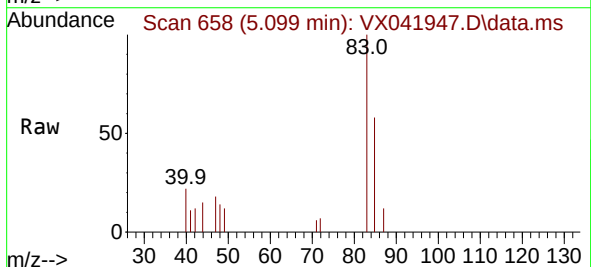
RT: 5.099 min Scan# 658

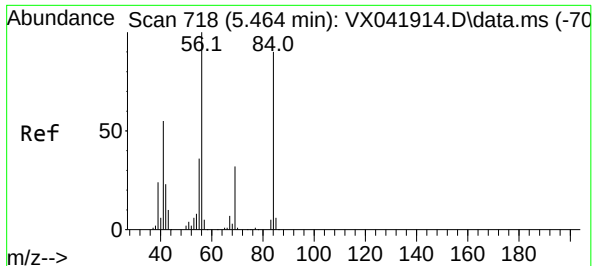
Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

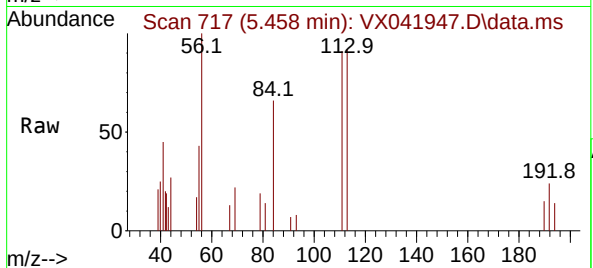
Tgt Ion: 83	Resp: 3387
Ion Ratio	Lower Upper
83 100	
85 58.3	50.3 75.5





#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

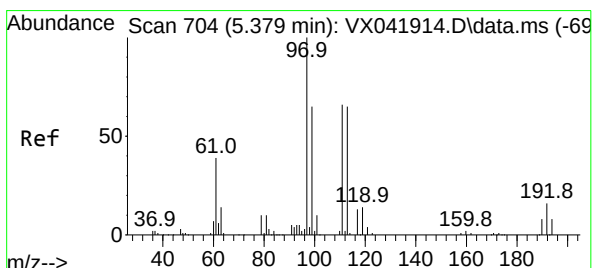
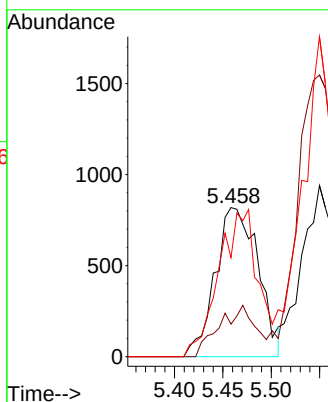
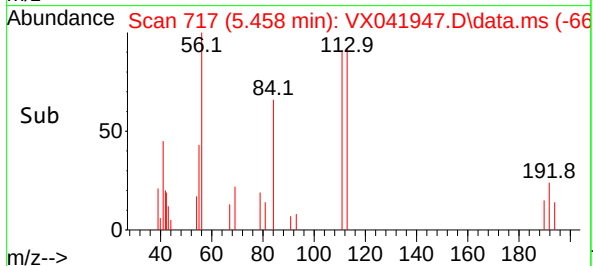
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 56 Resp: 252
Ion Ratio Lower Upper
56 100
69 21.7 23.4 35.2
84 66.4 65.9 98.9

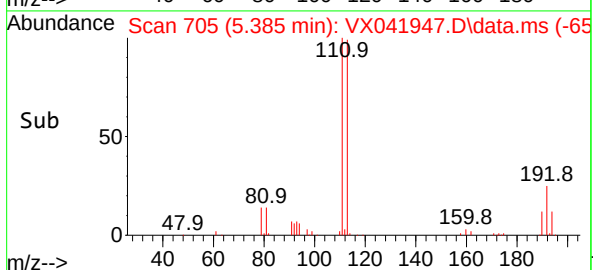
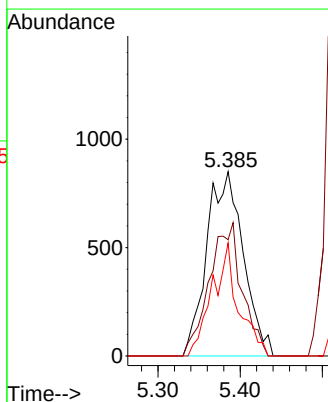
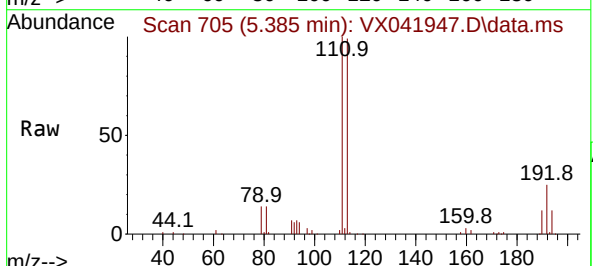
Manual Integrations
APPROVED

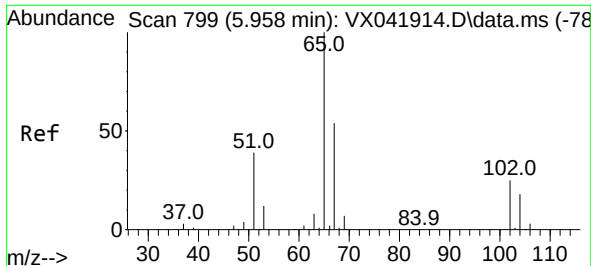
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#32
1,1,1-Trichloroethane
Concen: 1.088 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion: 97 Resp: 2626
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 44.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.164 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 65 Resp: 100994

Ion Ratio Lower Upper

65 100

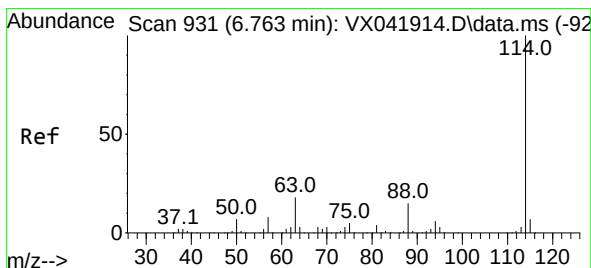
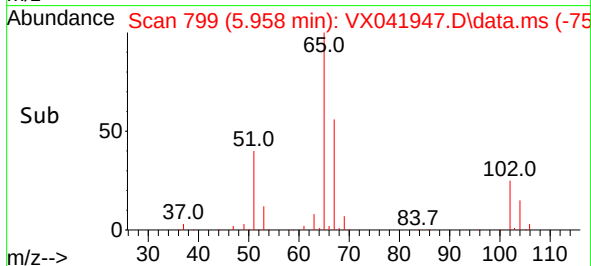
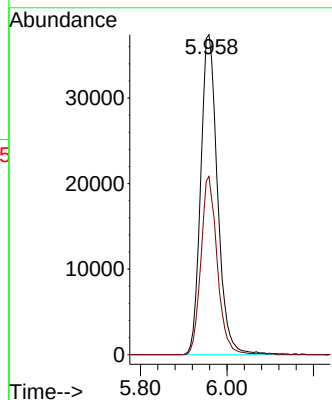
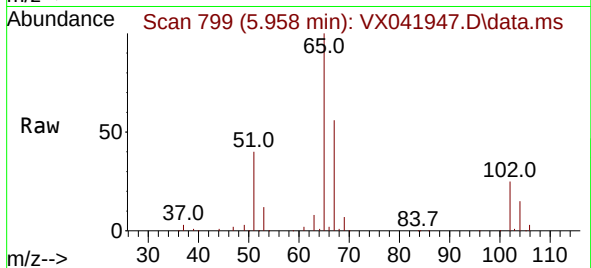
67 53.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

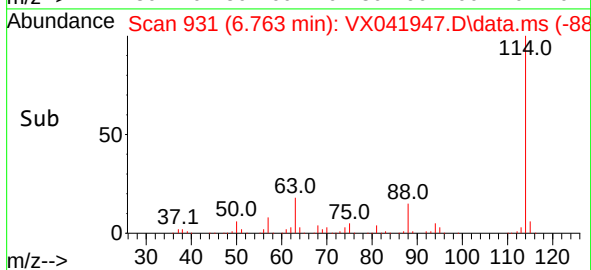
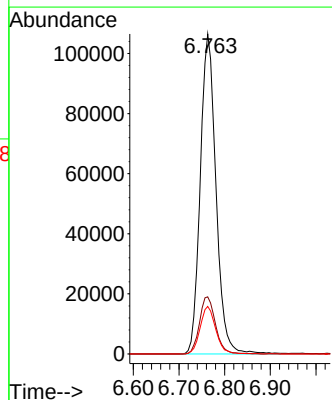
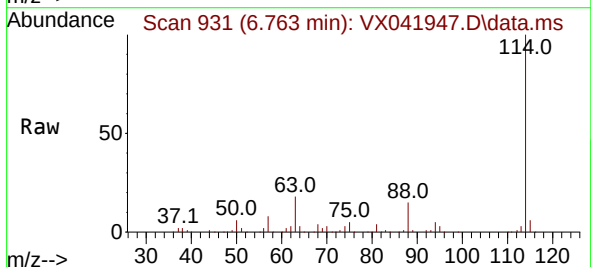
Tgt Ion:114 Resp: 253831

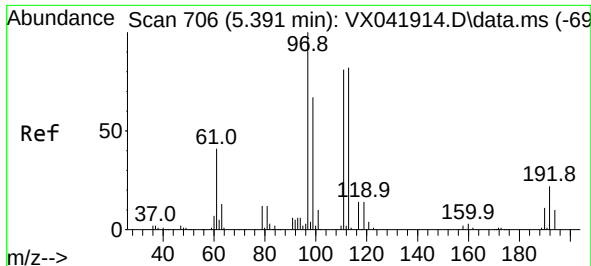
Ion Ratio Lower Upper

114 100

63 17.9 0.0 45.0

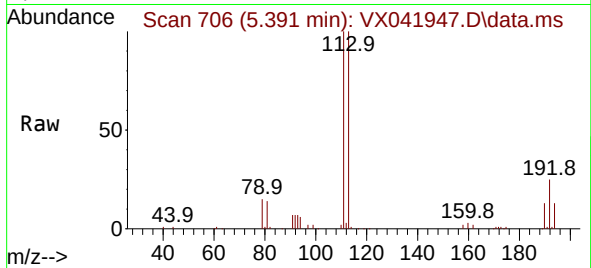
88 14.9 0.0 36.6





#35
Dibromofluoromethane
Concen: 49.997 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

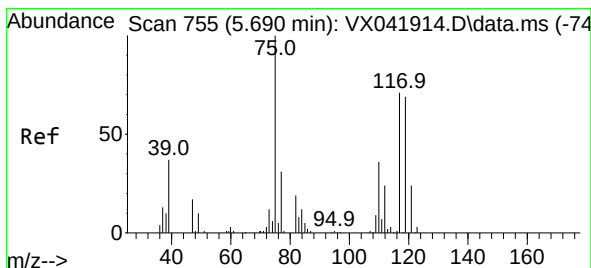
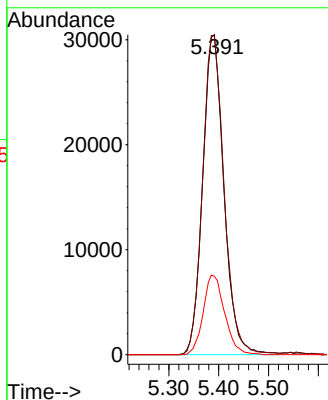
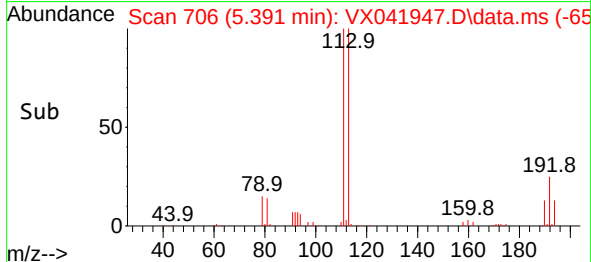
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:113 Resp: 9004
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 25.2 13.3 19.9

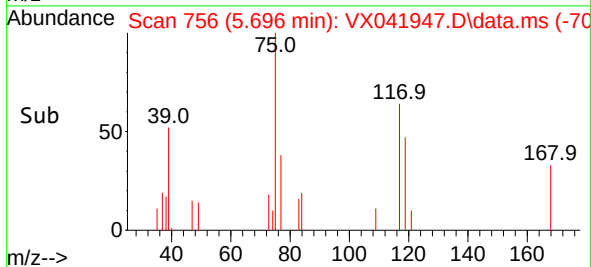
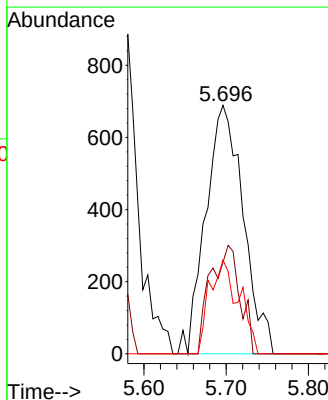
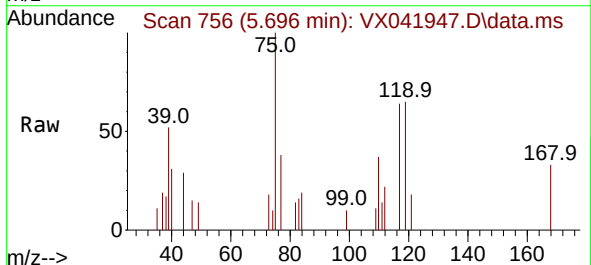
Manual Integrations
APPROVED

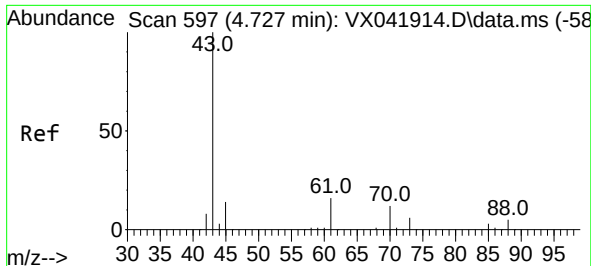
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#36
1,1-Dichloropropene
Concen: 1.146 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion: 75 Resp: 2191
Ion Ratio Lower Upper
75 100
110 34.3 17.0 50.9
77 29.6 24.7 37.1





#37

Ethyl Acetate

Concen: 0.996 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.018 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

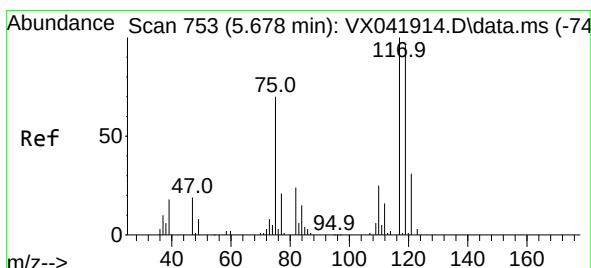
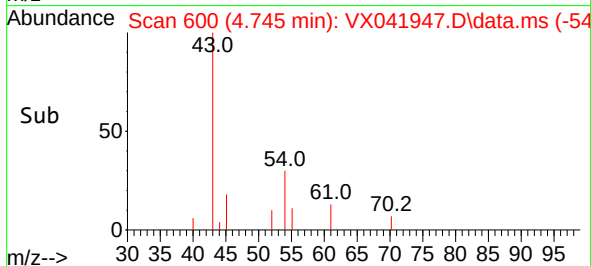
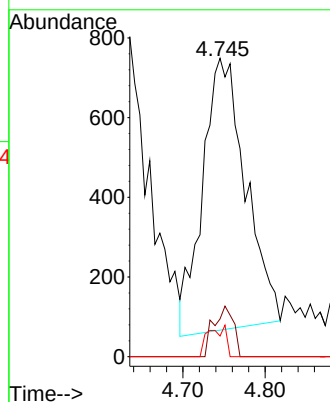
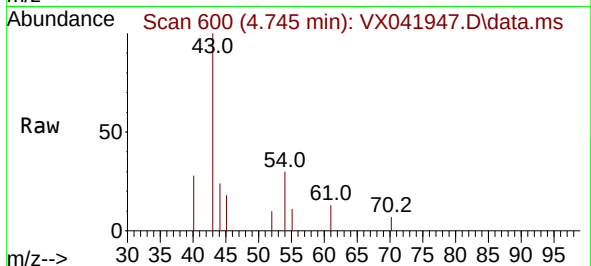
Tgt Ion: 43	Resp: 248
Ion Ratio	Lower Upper
43 100	
61 8.5	10.6 16.0
70 4.7	8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#38

Carbon Tetrachloride

Concen: 1.119 ug/l

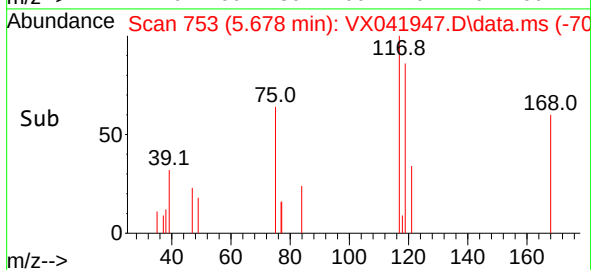
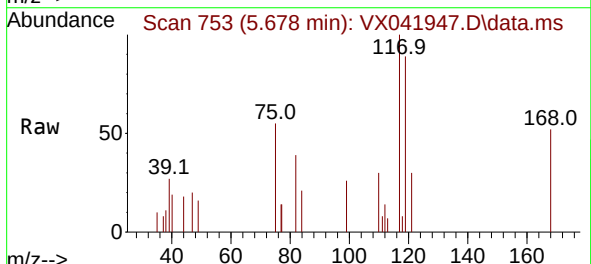
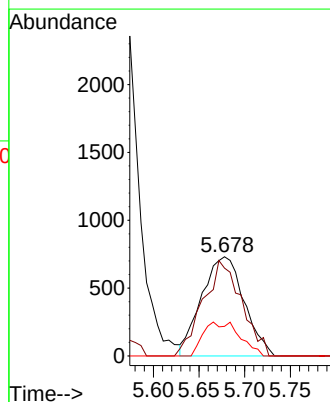
RT: 5.678 min Scan# 753

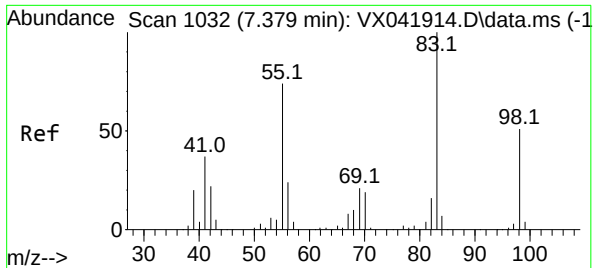
Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Tgt Ion: 117	Resp: 2364
Ion Ratio	Lower Upper
117 100	
119 88.5	78.2 117.2
121 29.8	24.4 36.6





#39

Methylcyclohexane

Concen: 1.047 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

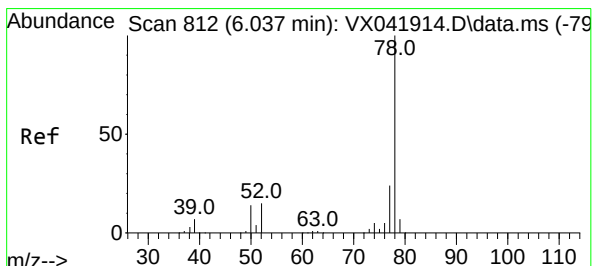
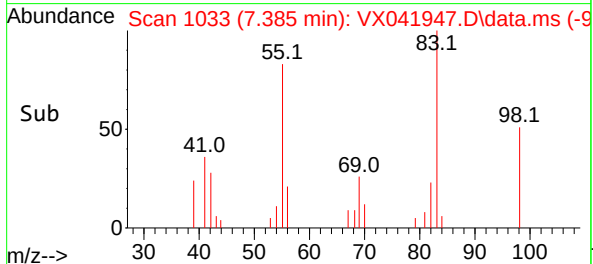
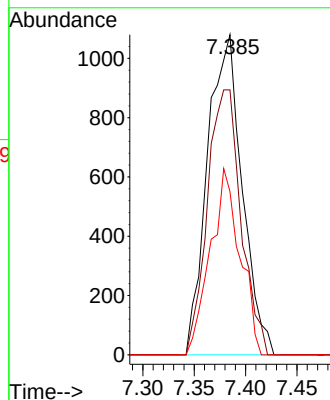
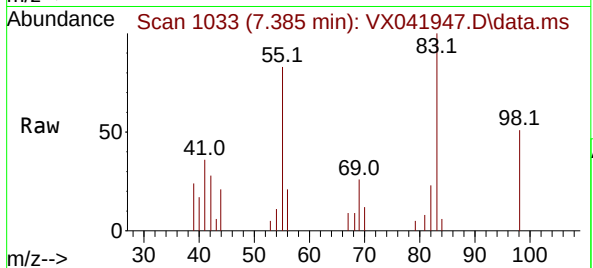
Tgt Ion: 83	Resp: 253
Ion Ratio	Lower Upper
83	100
55	82.8 64.6 97.0
98	51.0 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#40

Benzene

Concen: 1.137 ug/l

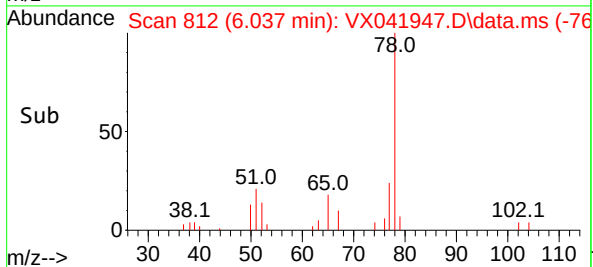
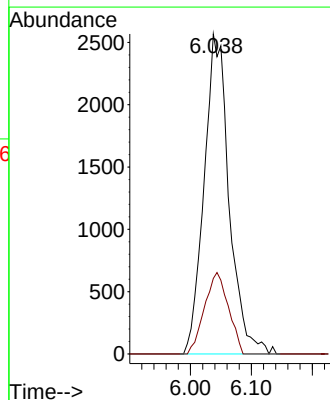
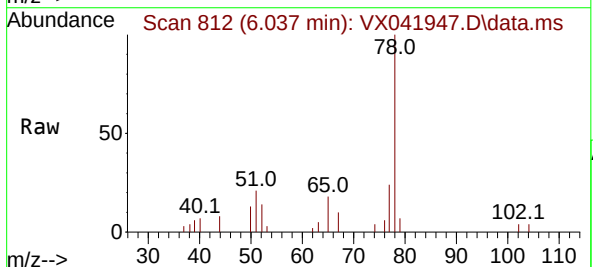
RT: 6.037 min Scan# 812

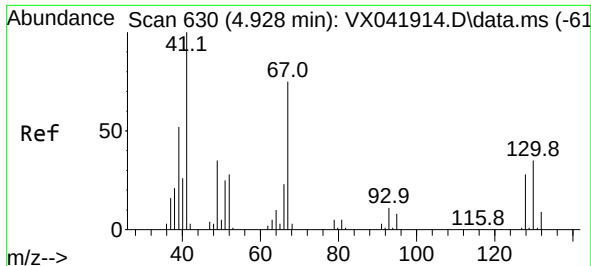
Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

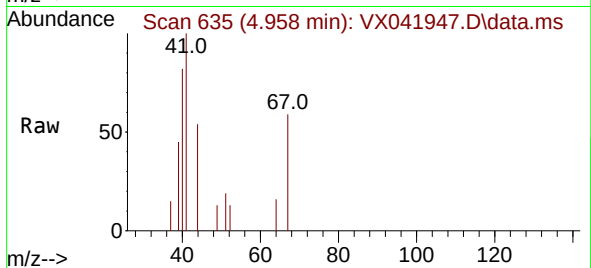
Tgt Ion: 78	Resp: 7333
Ion Ratio	Lower Upper
78	100
77	23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 0.921 ug/l
RT: 4.958 min Scan# 61
Delta R.T. 0.031 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

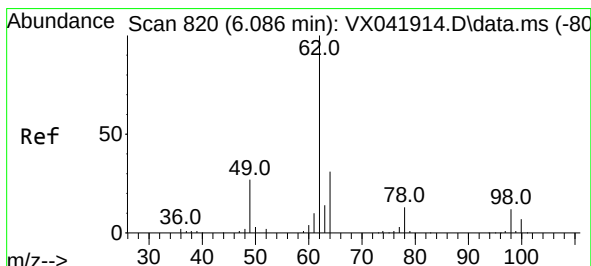
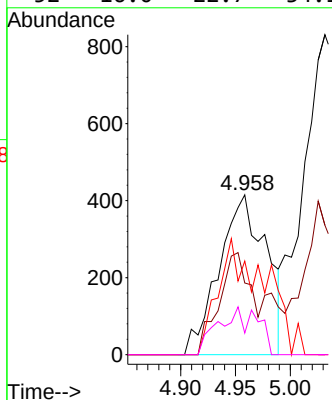
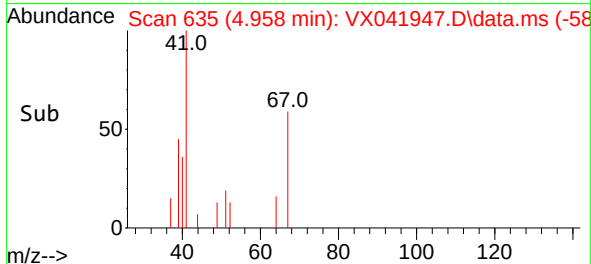
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:	41	Resp:	124
Ion	Ratio	Lower	Upper
41	100		
39	42.8	45.2	67.8
67	43.2	52.6	78.8
52	16.0	22.7	34.1

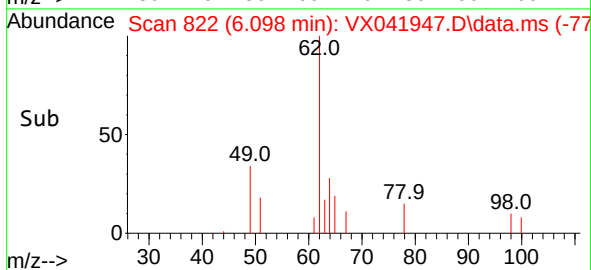
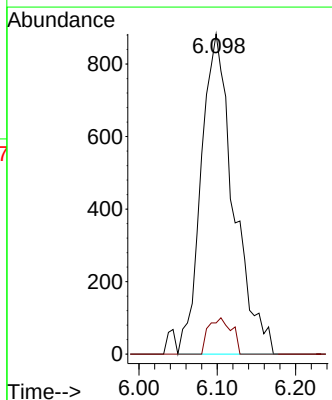
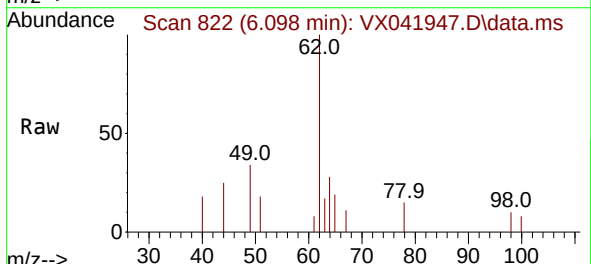
Manual Integrations
APPROVED

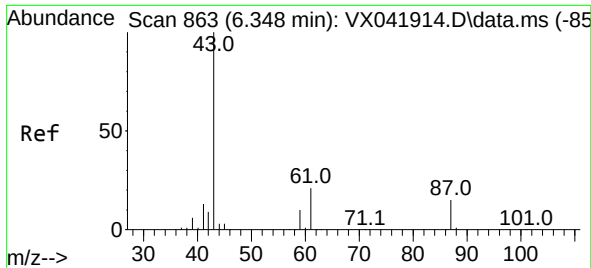
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#42
1,2-Dichloroethane
Concen: 1.224 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion:	62	Resp:	2544
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0





#43

Isopropyl Acetate

Concen: 0.971 ug/l

RT: 6.355 min Scan# 864

Delta R.T. 0.006 min

Lab File: VX041947.D

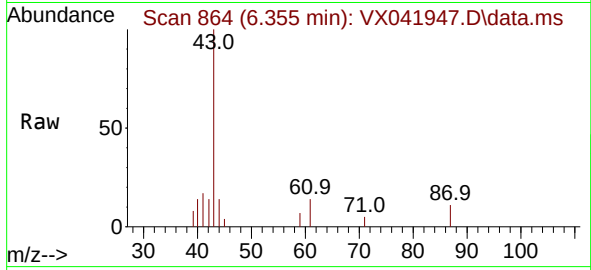
Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

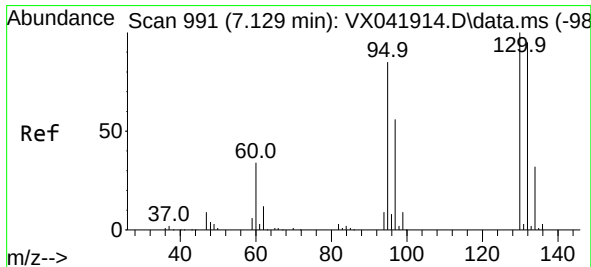
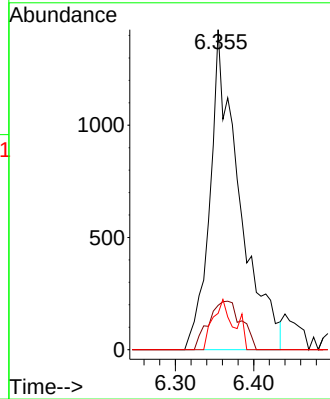


Tgt Ion: 43	Resp: 371
Ion Ratio	Lower Upper
43	100
61	16.8 15.2 22.8
87	11.2 9.8 14.6

Manual Integrations
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Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#44

Trichloroethene

Concen: 1.147 ug/l

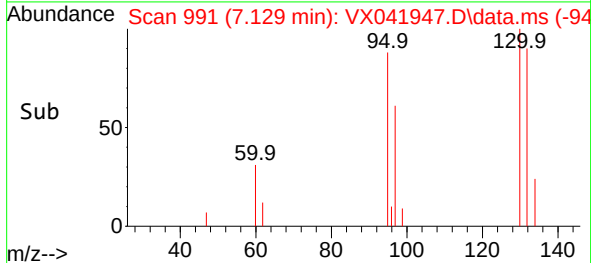
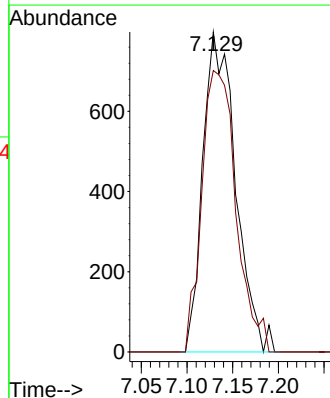
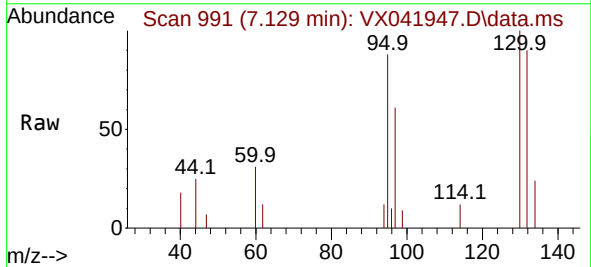
RT: 7.129 min Scan# 991

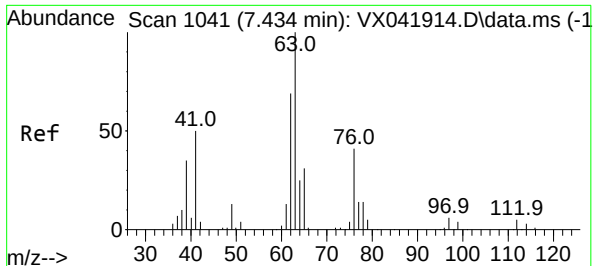
Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Tgt Ion:130	Resp: 1984
Ion Ratio	Lower Upper
130	100
95	88.0 0.0 204.4





#45

1,2-Dichloropropane

Concen: 1.056 ug/l

RT: 7.440 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

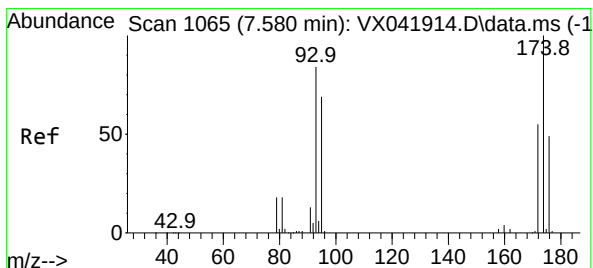
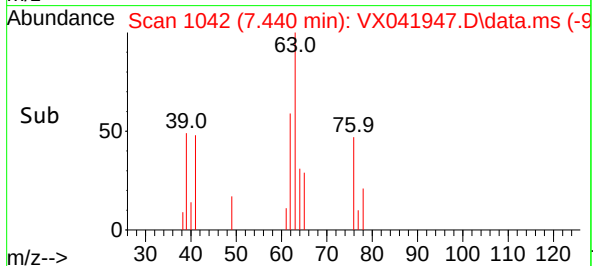
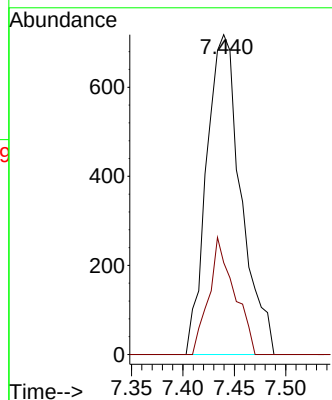
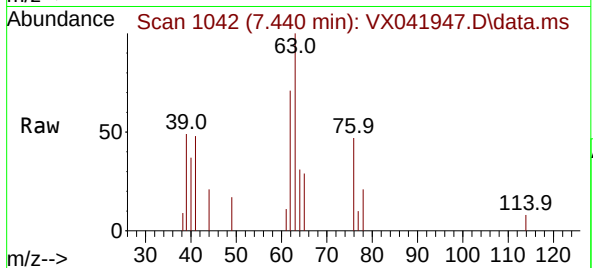
ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 63 Resp: 167
 Ion Ratio Lower Upper
 63 100
 65 28.7 24.3 36.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024



#46

Dibromomethane

Concen: 1.083 ug/l

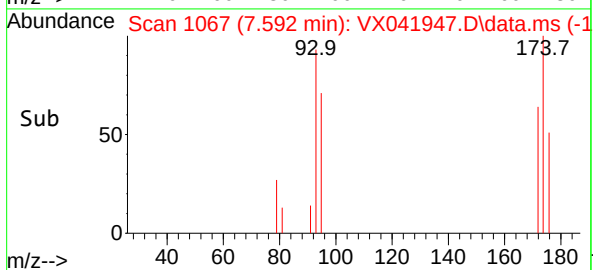
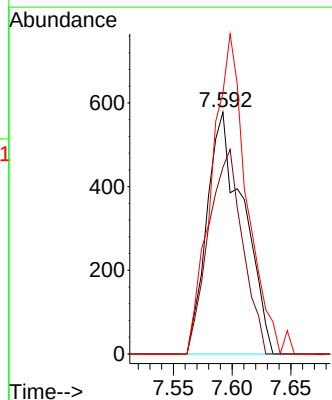
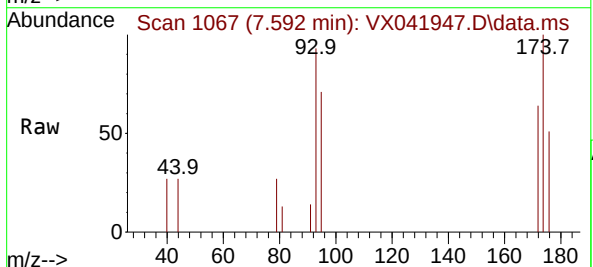
RT: 7.592 min Scan# 1067

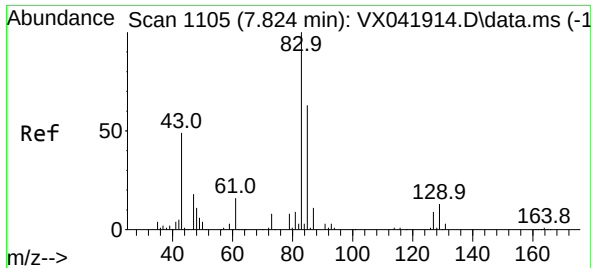
Delta R.T. 0.012 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Tgt Ion: 93 Resp: 1252
 Ion Ratio Lower Upper
 93 100
 95 78.7 66.6 100.0
 174 128.0 69.4 104.0#





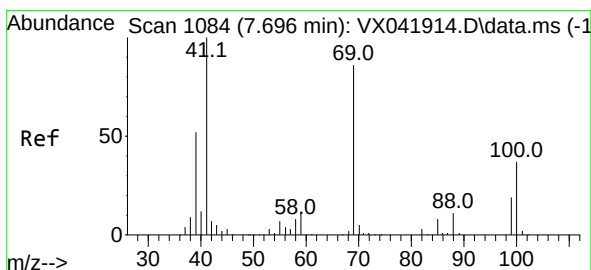
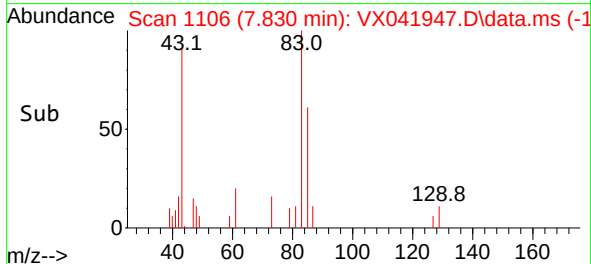
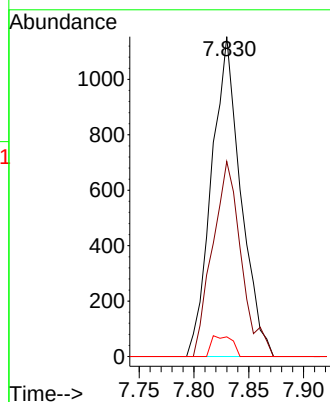
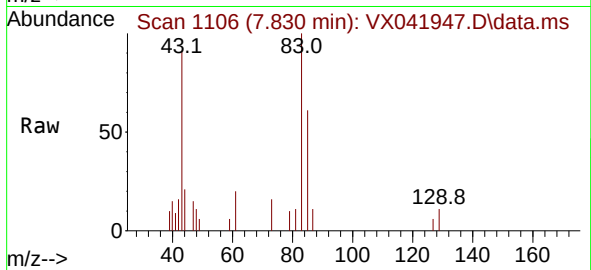
#47
Bromodichloromethane
Concen: 1.010 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 83 Resp: 214
Ion Ratio Lower Upper
83 100
85 61.0 49.8 74.6
127 6.2 7.1 10.7

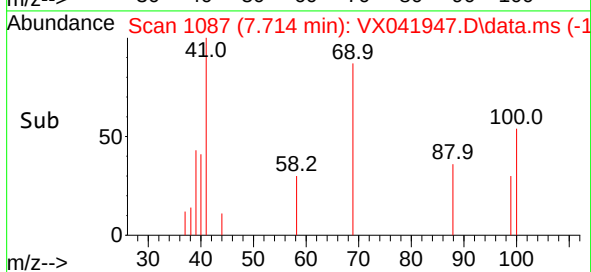
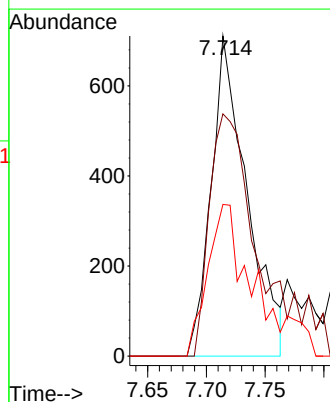
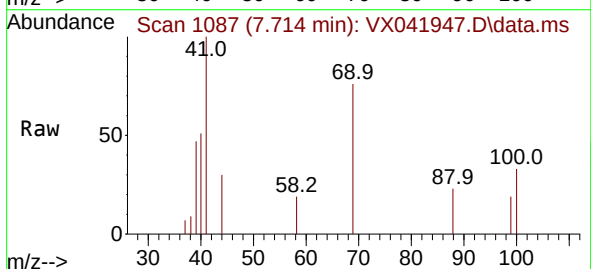
Manual Integrations
APPROVED

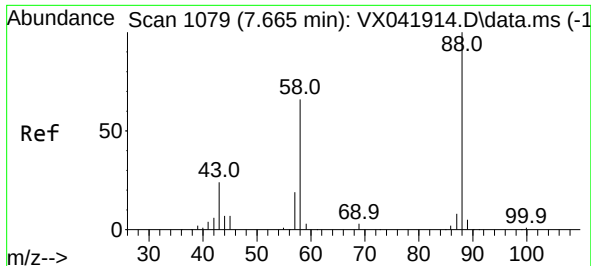
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#48
Methyl methacrylate
Concen: 0.827 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.018 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

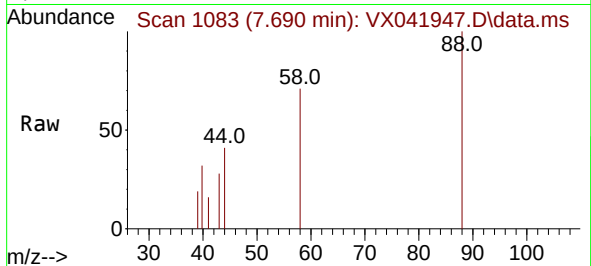
Tgt Ion: 41 Resp: 1509
Ion Ratio Lower Upper
41 100
69 105.6 59.2 88.8
39 54.8 47.7 71.5





#49
1,4-Dioxane
Concen: 18.016 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.025 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

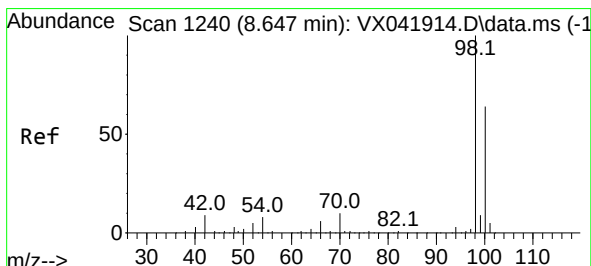
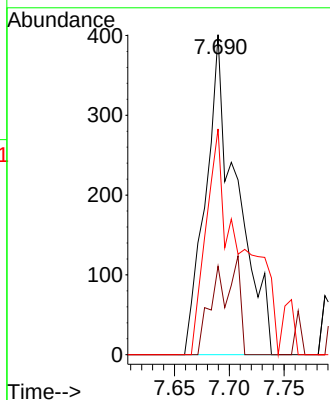
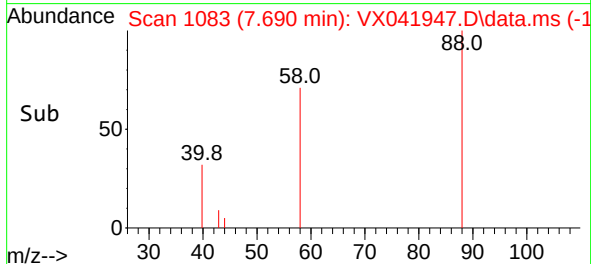
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 88 Resp: 79
Ion Ratio Lower Upper
88 100
43 22.8 0.0 0.0
58 80.4 60.1 90.1

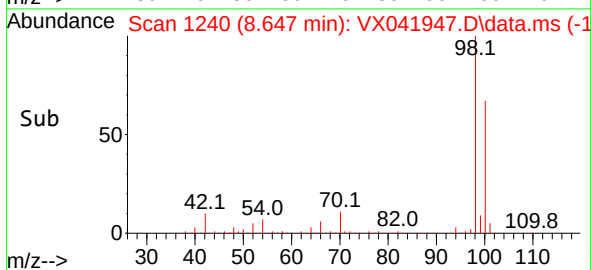
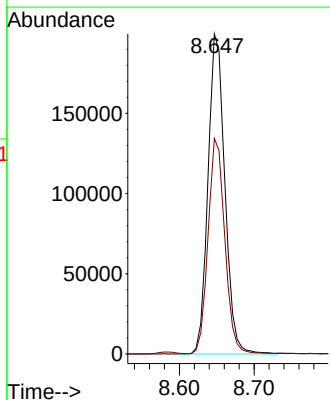
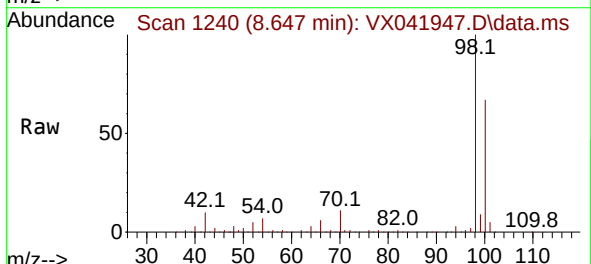
Manual Integrations
APPROVED

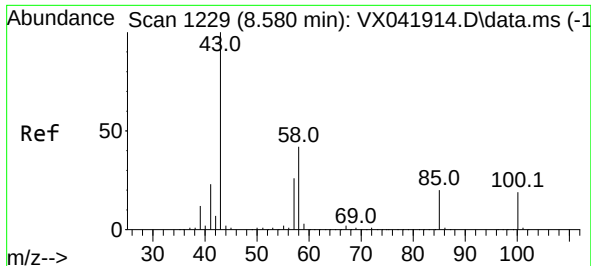
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#50
Toluene-d8
Concen: 49.403 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

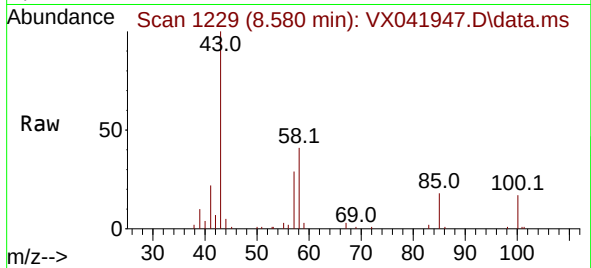
Tgt Ion: 98 Resp: 312586
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 4.763 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

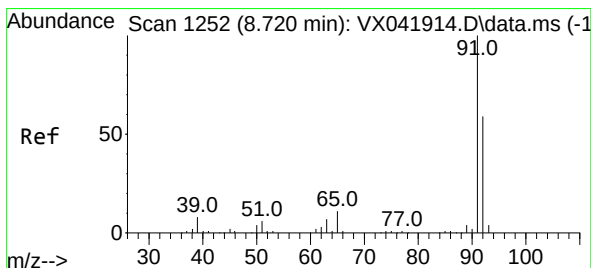
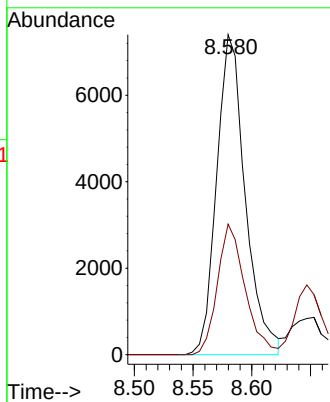
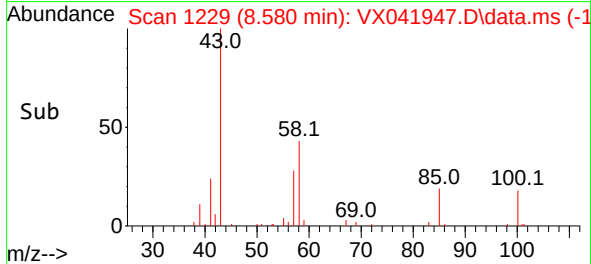
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
58 39.6 30.4 45.6

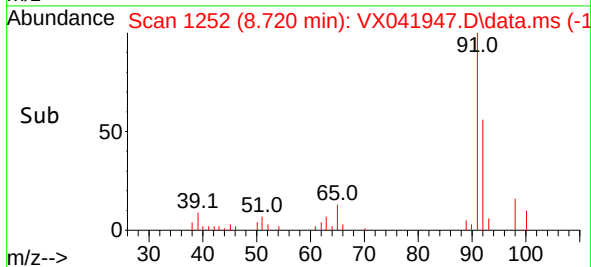
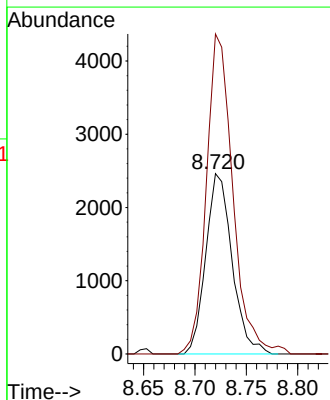
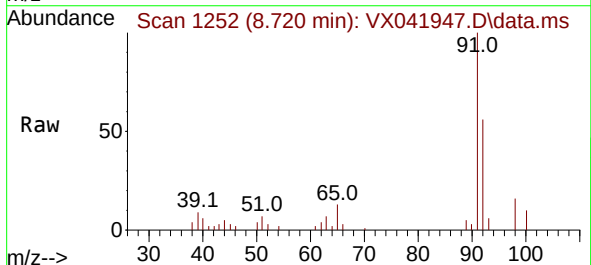
Manual Integrations
APPROVED

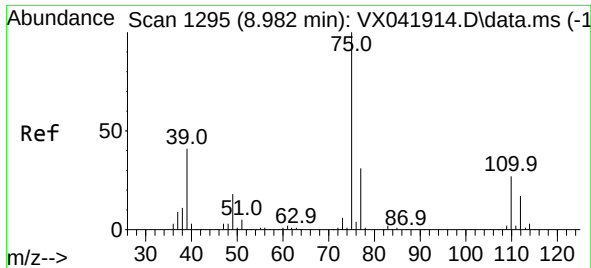
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#52
Toluene
Concen: 1.069 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion: 92 Resp: 4391
Ion Ratio Lower Upper
92 100
91 178.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.855 ug/l

RT: 8.994 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 75 Resp: 1775

Ion Ratio Lower Upper

75 100

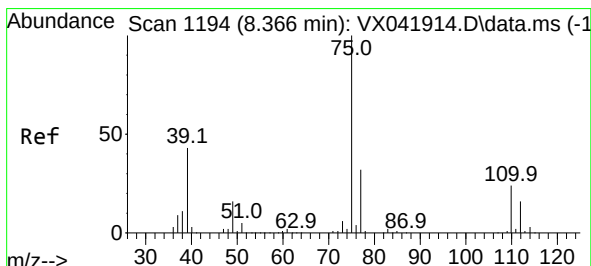
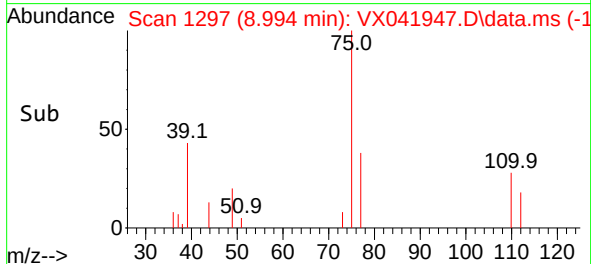
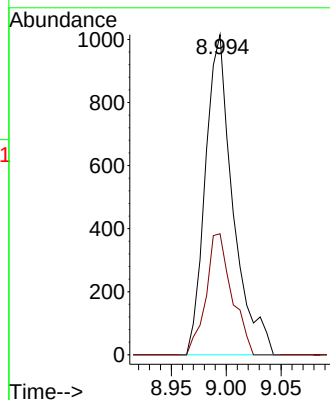
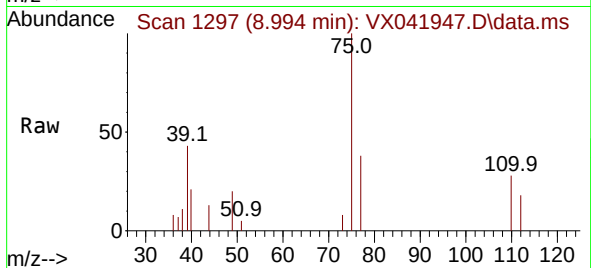
77 37.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#54

cis-1,3-Dichloropropene

Concen: 0.948 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

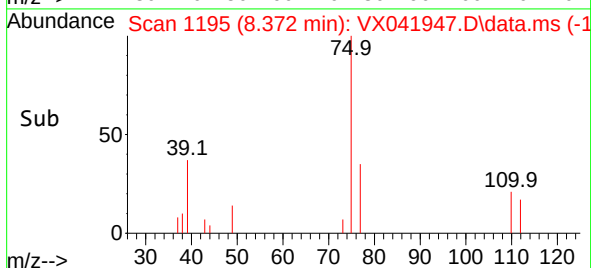
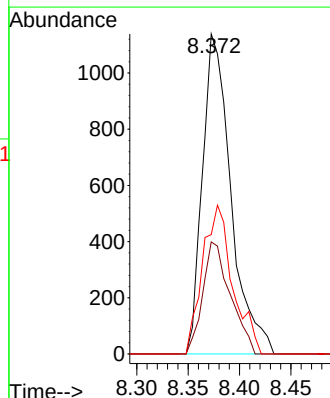
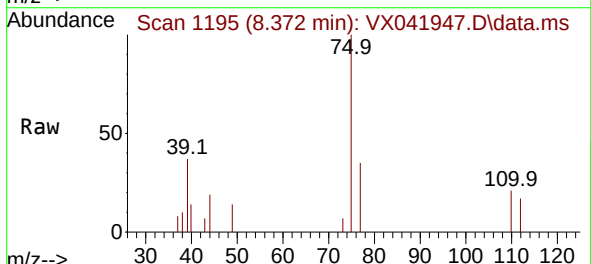
Tgt Ion: 75 Resp: 2202

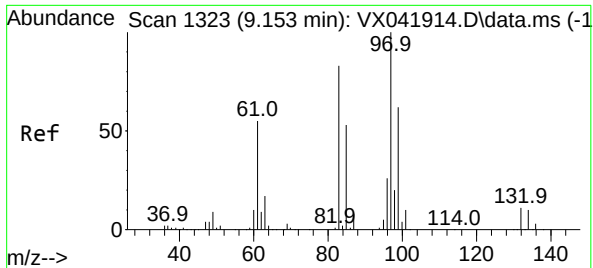
Ion Ratio Lower Upper

75 100

77 35.0 25.3 37.9

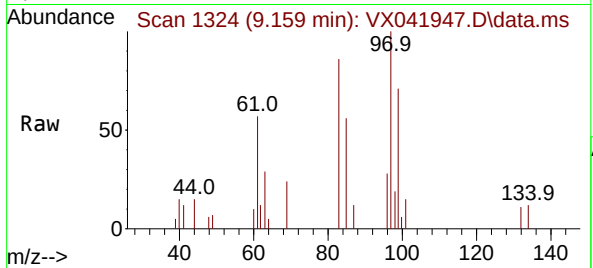
39 37.3 46.7 70.1#





#55
 1,1,2-Trichloroethane
 Concen: 1.091 ug/l
 RT: 9.159 min Scan# 1324
 Delta R.T. 0.006 min
 Lab File: VX041947.D
 Acq: 19 Jun 2024 15:13

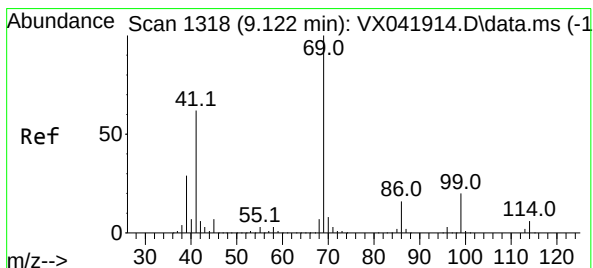
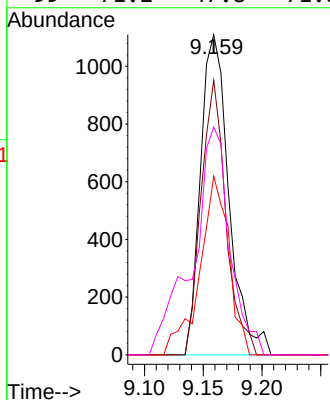
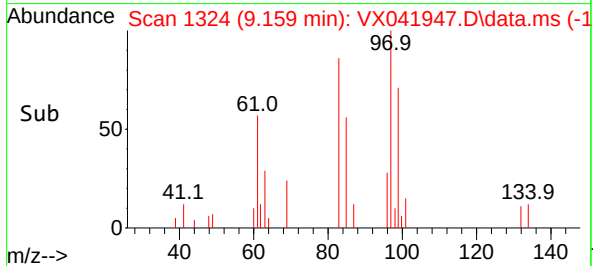
Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



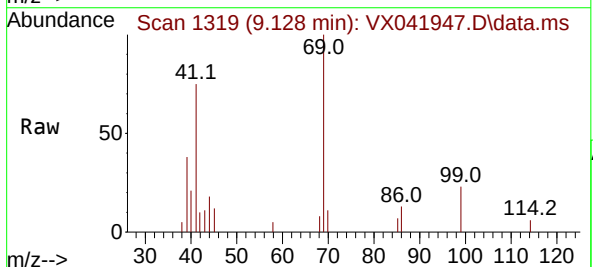
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	65.8	98.8
85	55.8	41.6	62.4
99	71.2	47.8	71.8

Manual Integrations
 APPROVED

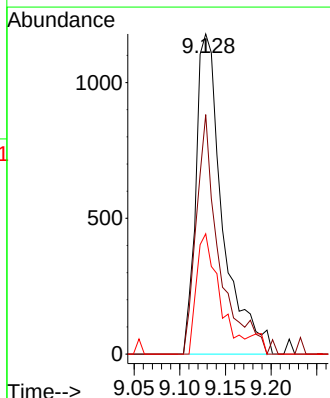
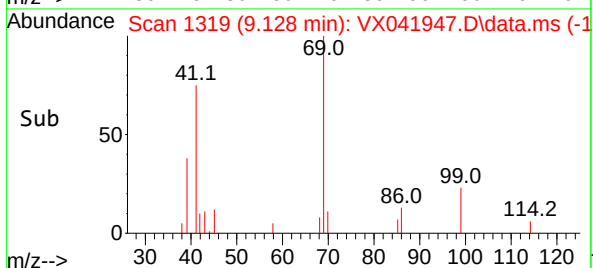
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

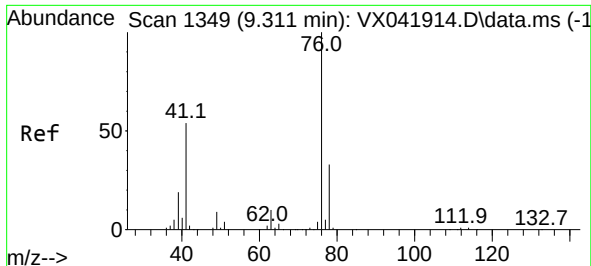


#56
 Ethyl methacrylate
 Concen: 0.897 ug/l
 RT: 9.128 min Scan# 1319
 Delta R.T. 0.006 min
 Lab File: VX041947.D
 Acq: 19 Jun 2024 15:13



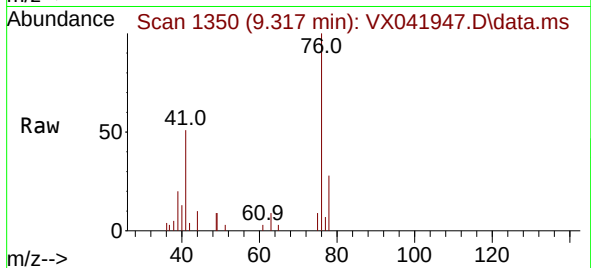
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.8	56.8	85.2
39	32.6	32.0	48.0





#57
1,3-Dichloropropane
Concen: 1.118 ug/l
RT: 9.317 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

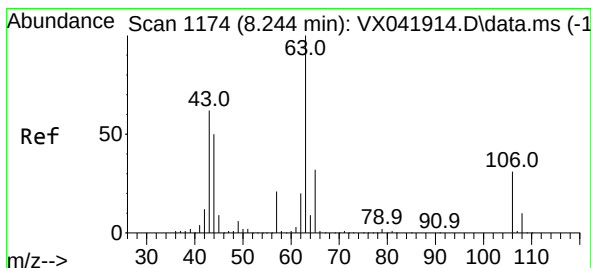
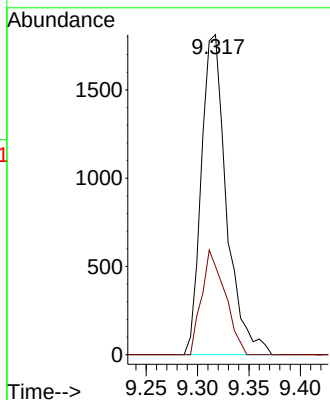
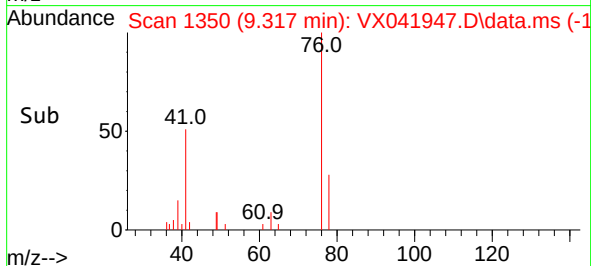
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



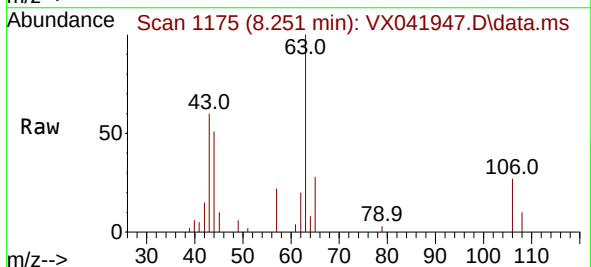
Tgt Ion: 76 Resp: 3090
Ion Ratio Lower Upper
76 100
78 30.5 26.1 39.1

Manual Integrations
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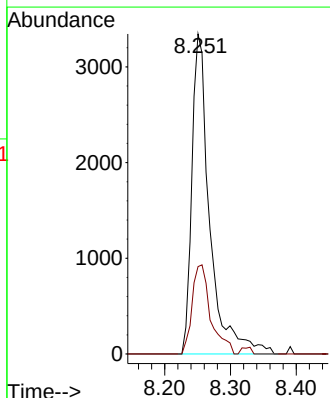
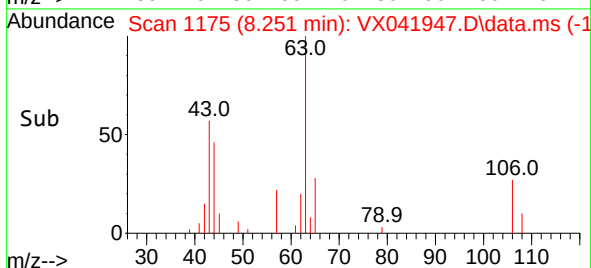
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

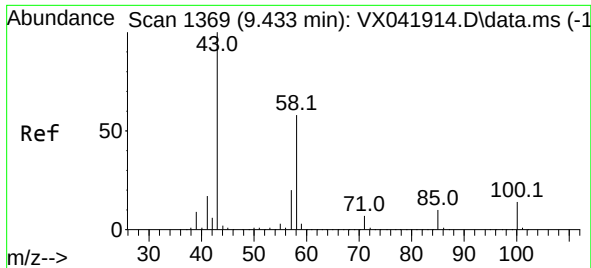


#58
2-Chloroethyl Vinyl ether
Concen: 5.080 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13



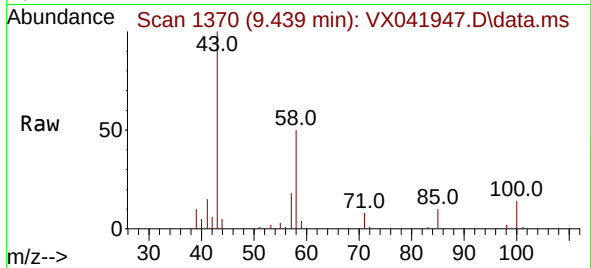
Tgt Ion: 63 Resp: 6302
Ion Ratio Lower Upper
63 100
106 29.0 22.5 33.7





#59
2-Hexanone
Concen: 5.002 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

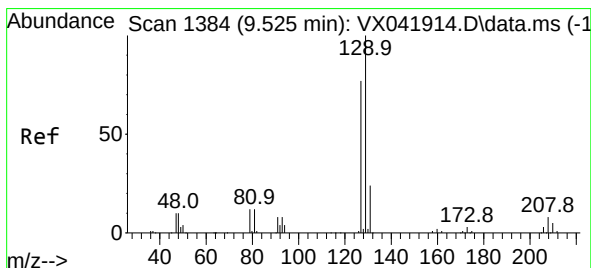
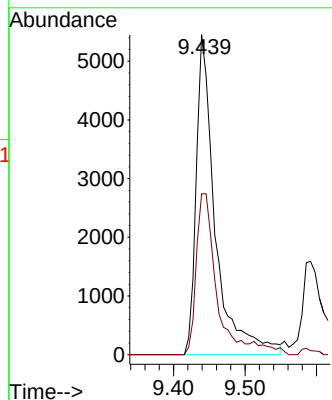
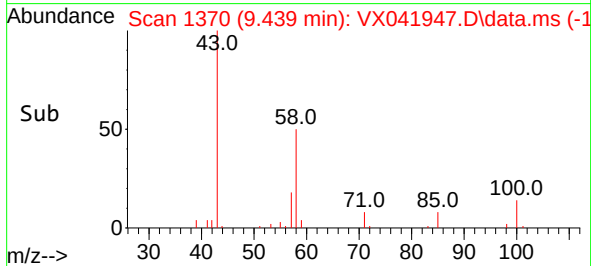
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 51.3 26.2 78.5

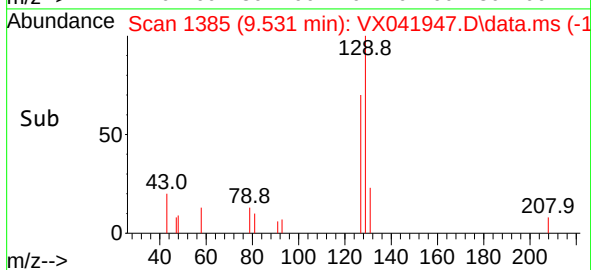
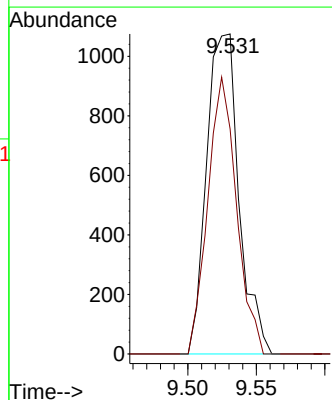
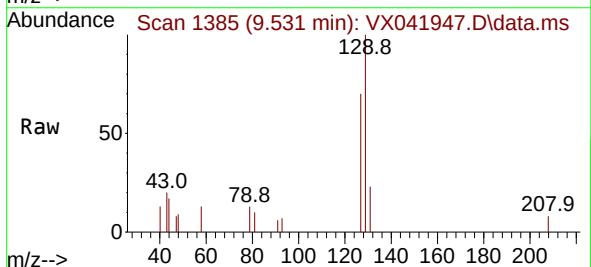
Manual Integrations
APPROVED

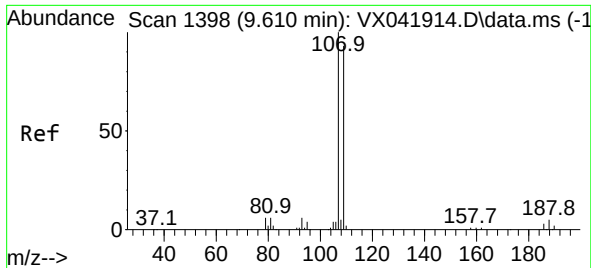
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#60
Dibromochloromethane
Concen: 0.952 ug/l
RT: 9.531 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

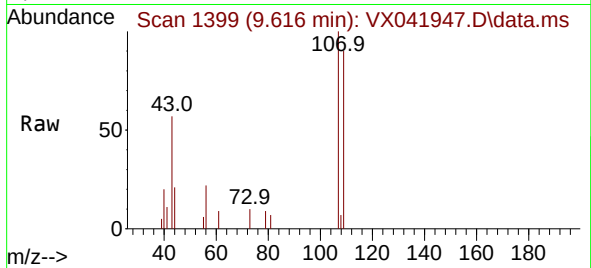
Tgt Ion:129 Resp: 1769
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 1.067 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

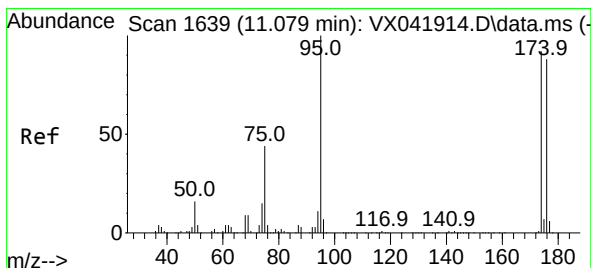
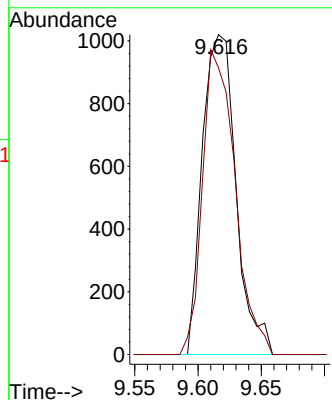
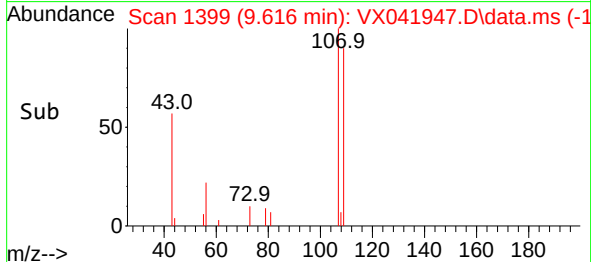
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



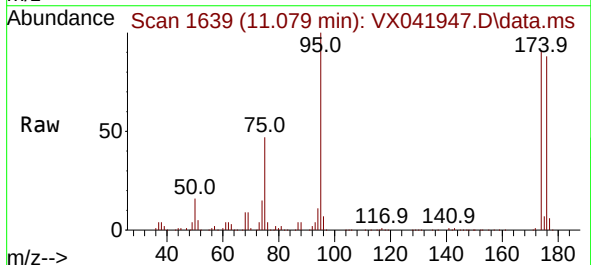
Tgt Ion:107 Resp: 189
Ion Ratio Lower Upper
107 100
109 92.0 75.2 112.8

Manual Integrations
APPROVED

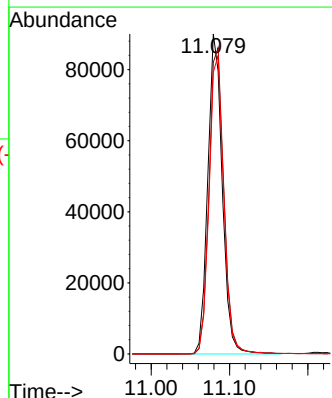
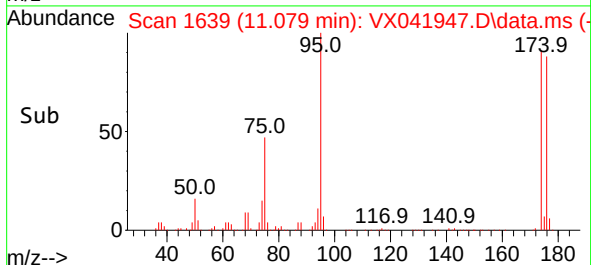
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024

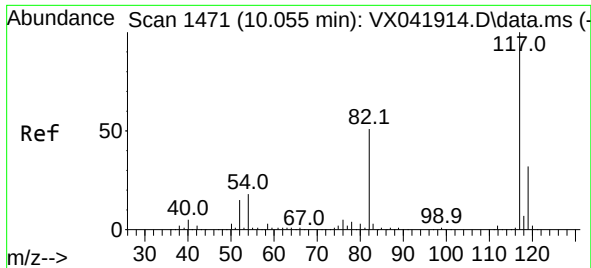


#62
4-Bromofluorobenzene
Concen: 49.408 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13



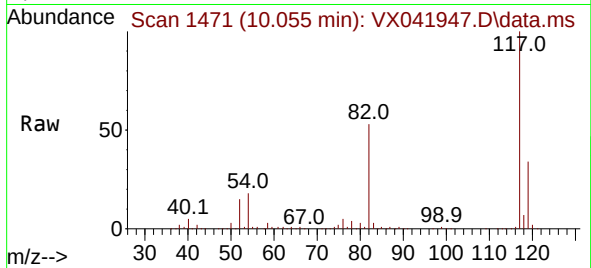
Tgt Ion: 95 Resp: 115238
Ion Ratio Lower Upper
95 100
174 98.5 0.0 135.6
176 94.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

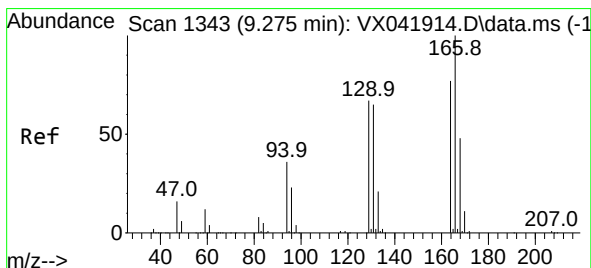
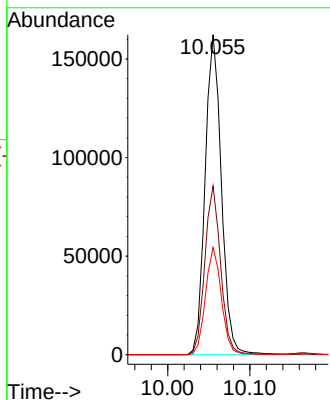
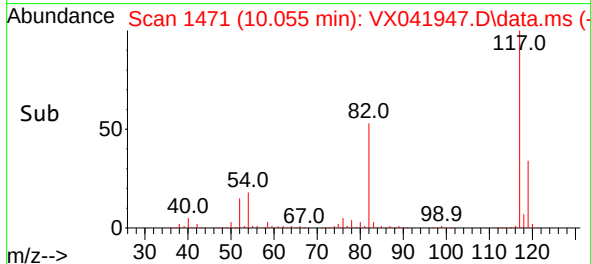
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:117 Resp: 222933
Ion Ratio Lower Upper
117 100
82 52.7 46.2 69.4
119 33.5 25.5 38.3

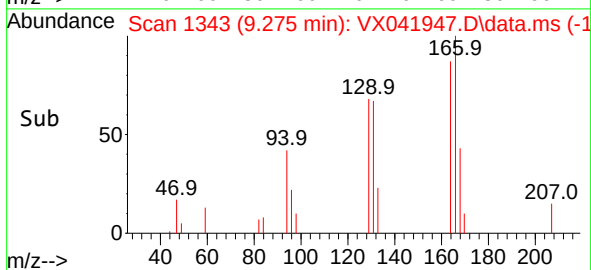
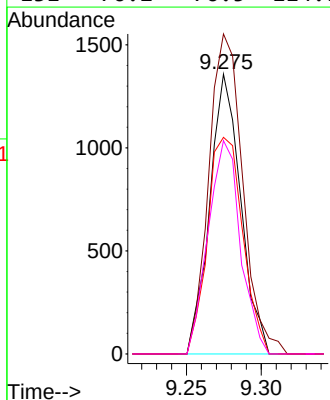
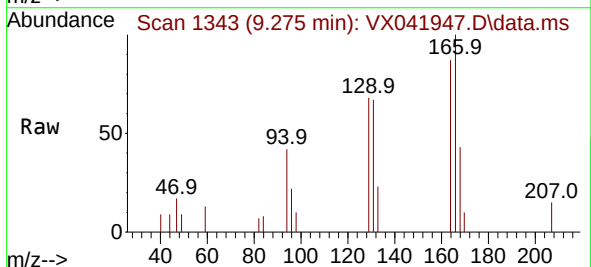
Manual Integrations
APPROVED

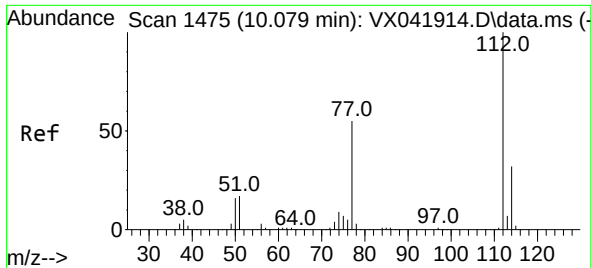
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#64
Tetrachloroethene
Concen: 1.204 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion:164 Resp: 1955
Ion Ratio Lower Upper
164 100
166 114.4 102.7 154.1
129 77.4 80.4 120.6#
131 76.2 76.5 114.7#





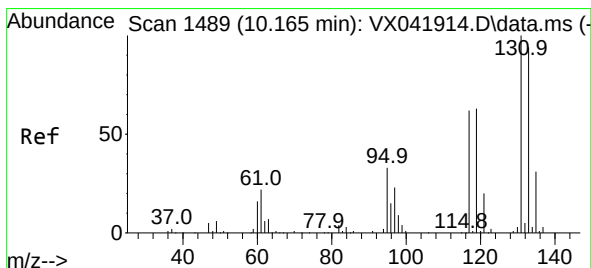
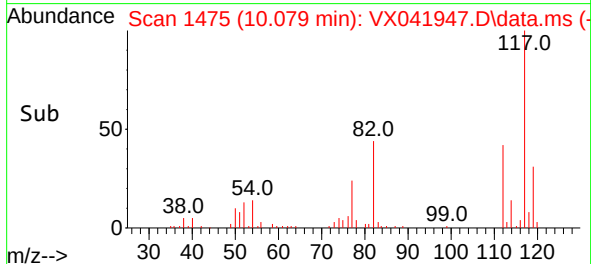
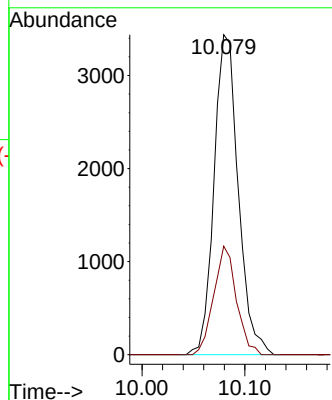
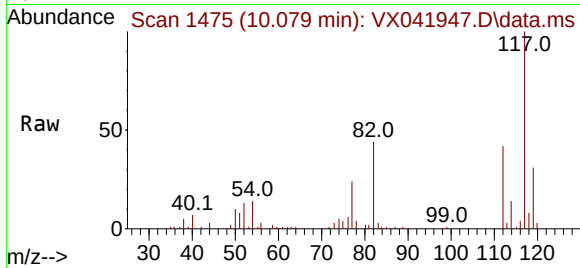
#65
Chlorobenzene
Concen: 1.213 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:112 Resp: 562
Ion Ratio Lower Upper
112 100
114 33.9 25.7 38.5

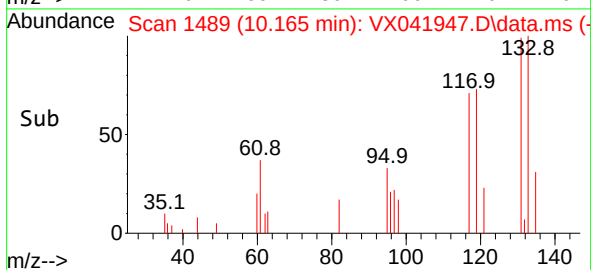
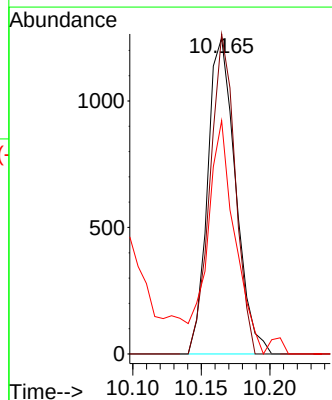
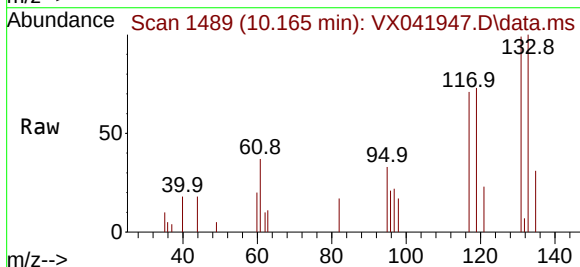
Manual Integrations
APPROVED

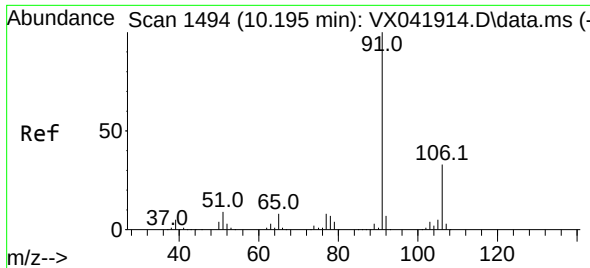
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 1.092 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

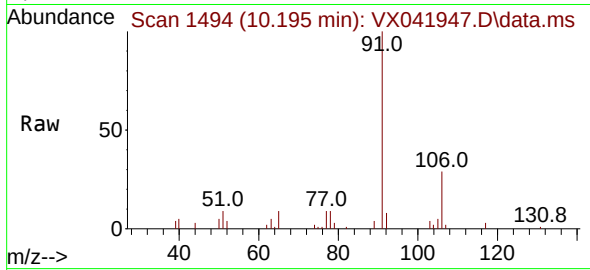
Tgt Ion:131 Resp: 1772
Ion Ratio Lower Upper
131 100
133 91.1 47.1 141.4
119 0.0 32.2 96.6#





#67
Ethyl Benzene
Concen: 1.074 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

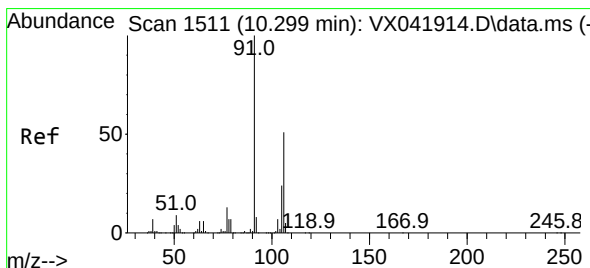
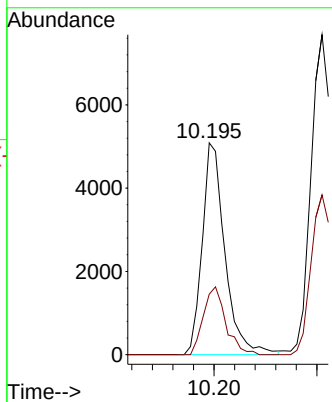
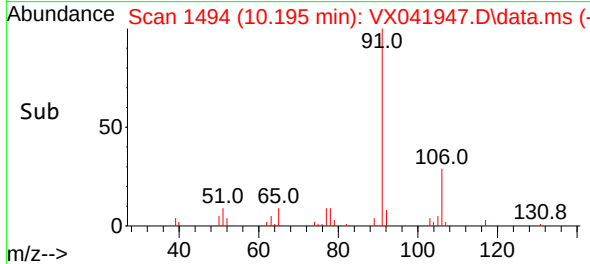
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 91 Resp: 780
Ion Ratio Lower Upper
91 100
106 28.5 24.9 37.3

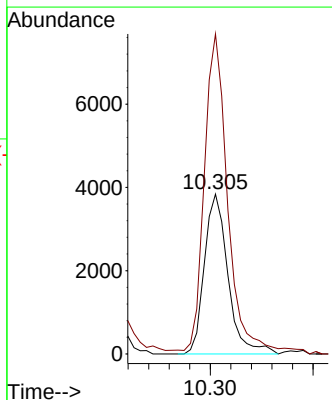
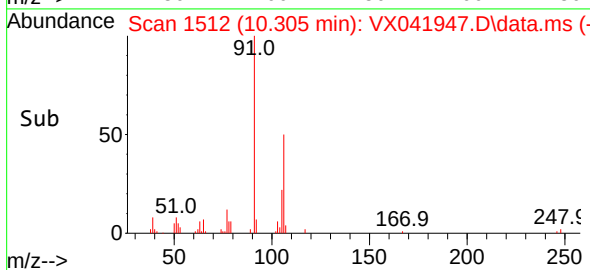
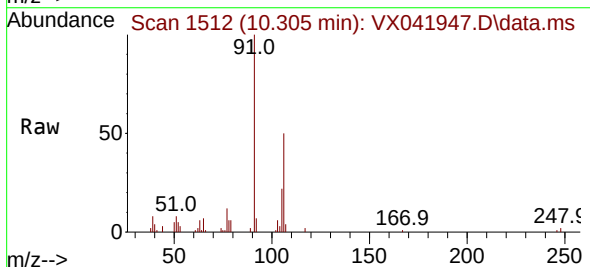
Manual Integrations
APPROVED

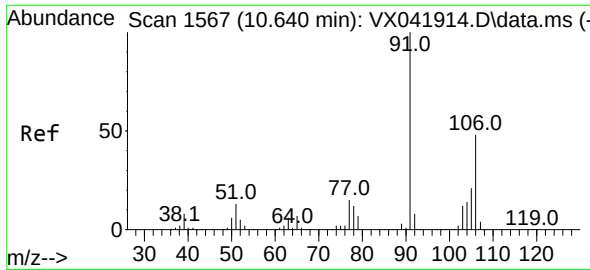
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#68
m/p-Xylenes
Concen: 2.089 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion:106 Resp: 6128
Ion Ratio Lower Upper
106 100
91 202.0 165.5 248.3





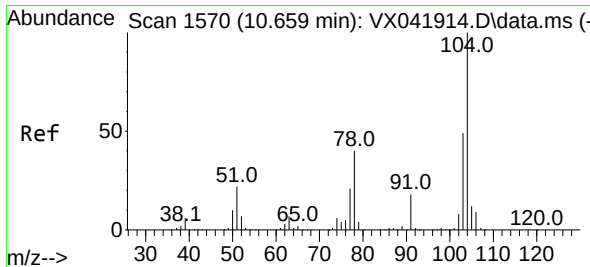
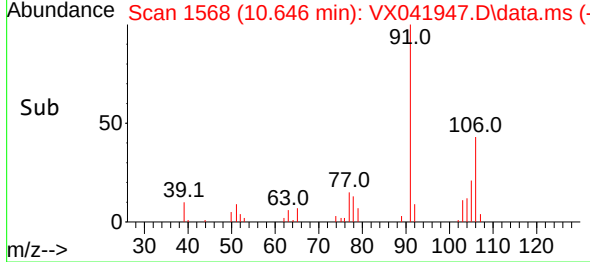
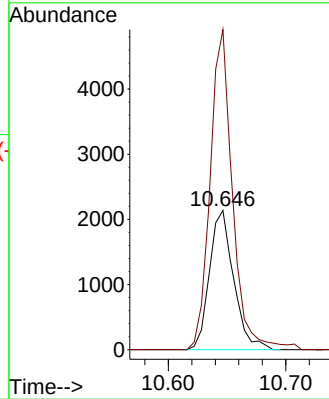
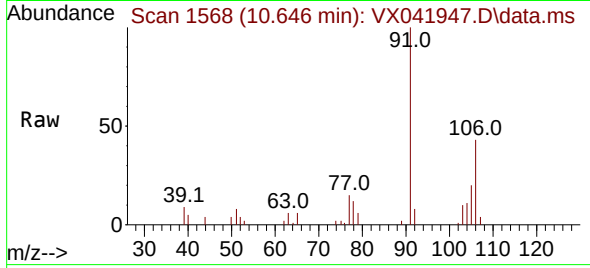
#69
o-Xylene
Concen: 1.052 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:106 Resp: 305
Ion Ratio Lower Upper
106 100
91 212.8 108.9 326.8

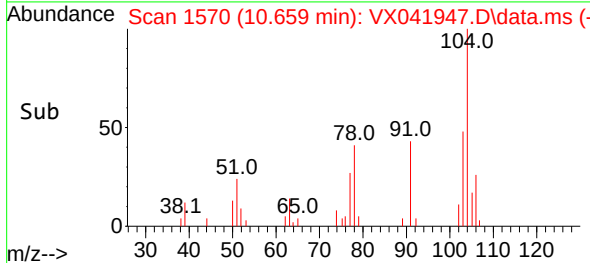
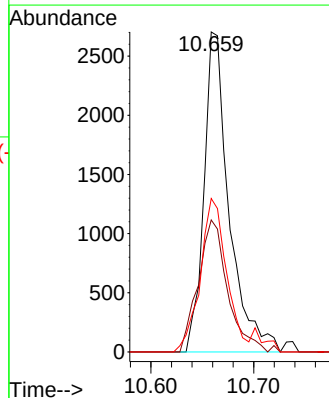
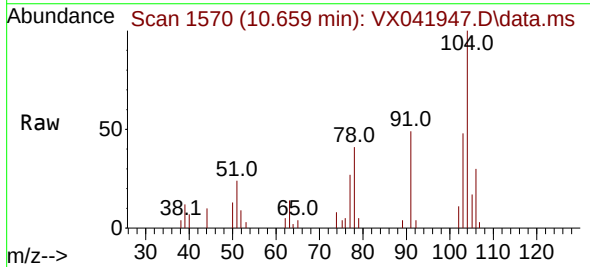
Manual Integrations
APPROVED

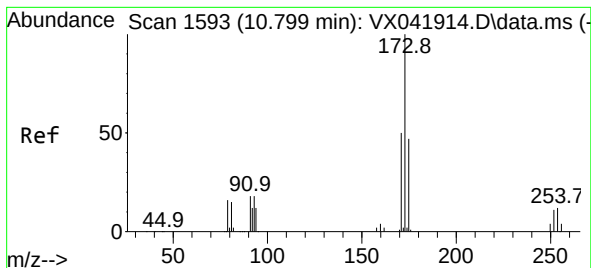
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#70
Styrene
Concen: 0.944 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion:104 Resp: 4598
Ion Ratio Lower Upper
104 100
78 48.4 43.6 65.4
103 50.3 43.6 65.4





#71

Bromoform

Concen: 0.952 ug/l

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

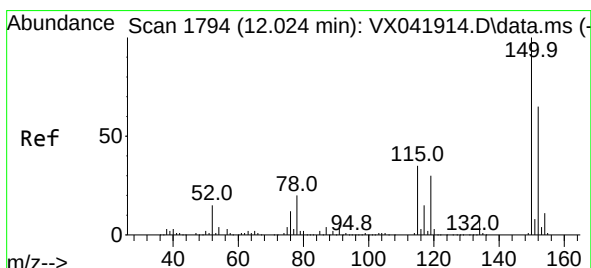
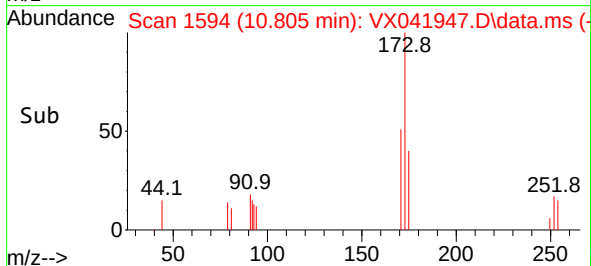
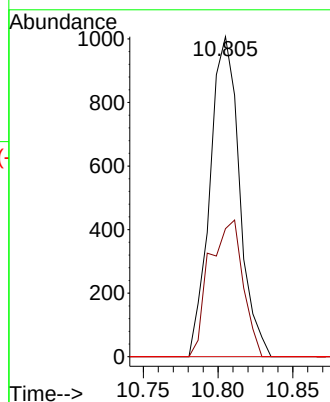
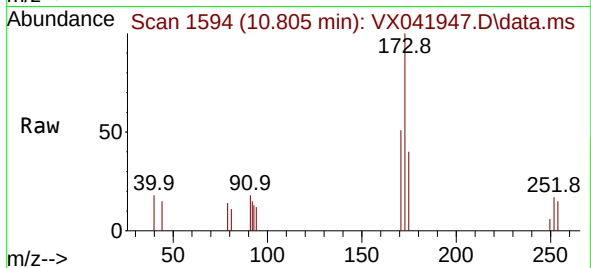
Tgt Ion:173	Resp:	138
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

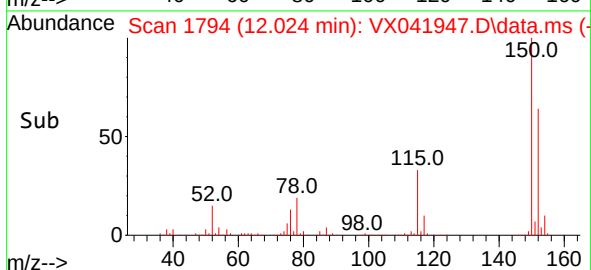
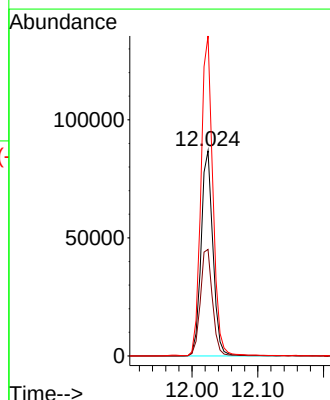
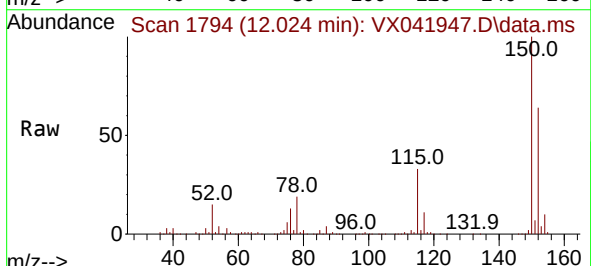
RT: 12.024 min Scan# 1794

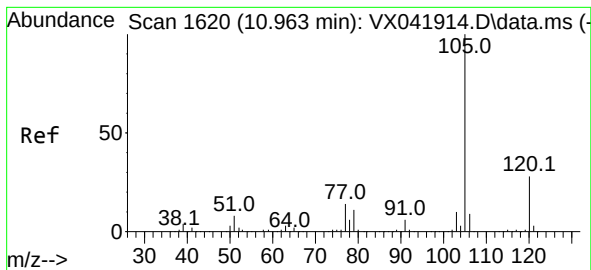
Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Tgt Ion:152	Resp:	108779
Ion Ratio	Lower	Upper
152	100	
115	53.4	43.3 129.9
150	156.3	0.0 345.0





#73

Isopropylbenzene

Concen: 1.130 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

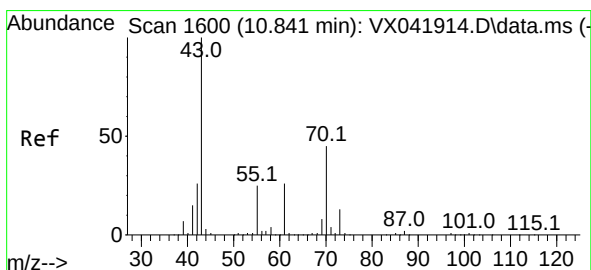
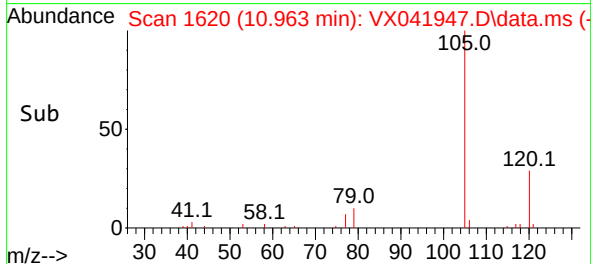
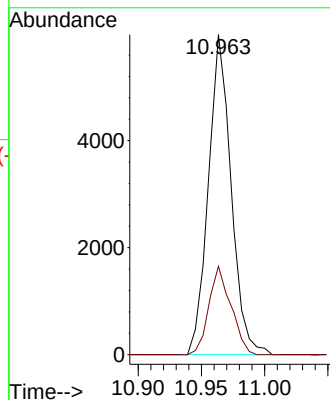
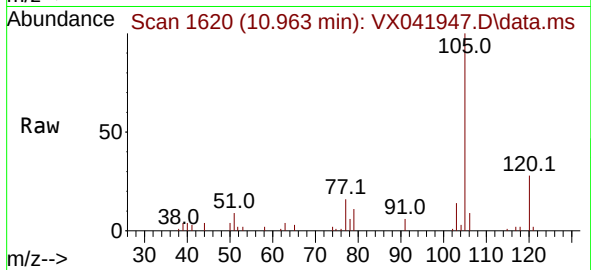
Tgt Ion:105 Resp: 747
 Ion Ratio Lower Upper
 105 100
 120 26.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#74

N-ethyl acetate

Concen: 0.972 ug/l

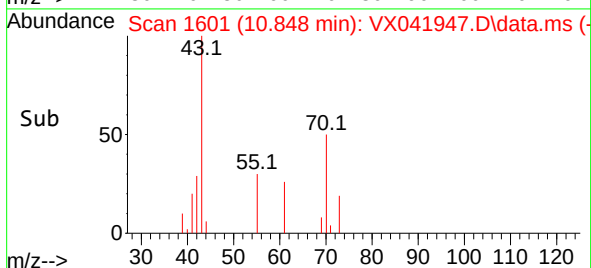
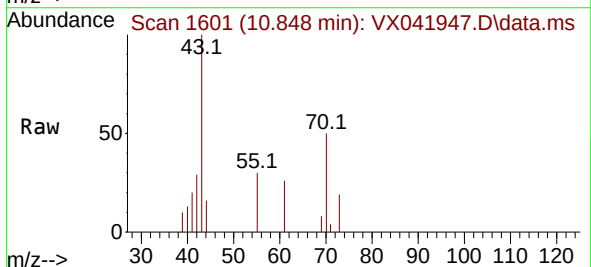
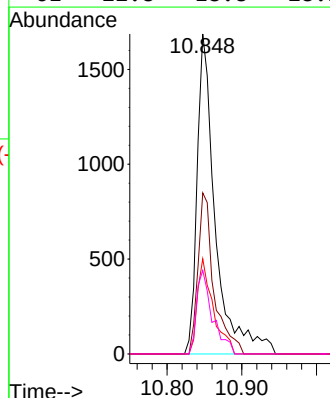
RT: 10.848 min Scan# 1601

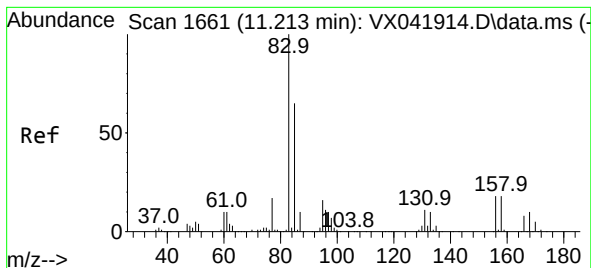
Delta R.T. 0.006 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Tgt Ion: 43 Resp: 2856
 Ion Ratio Lower Upper
 43 100
 70 44.2 32.9 49.3
 55 25.6 19.3 28.9
 61 22.8 18.8 28.2





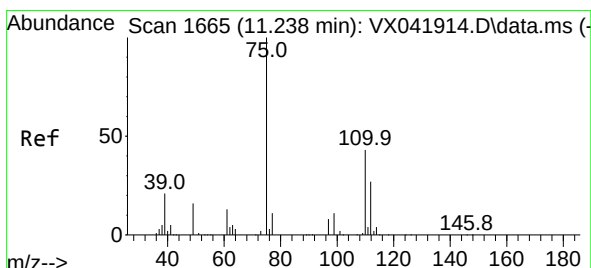
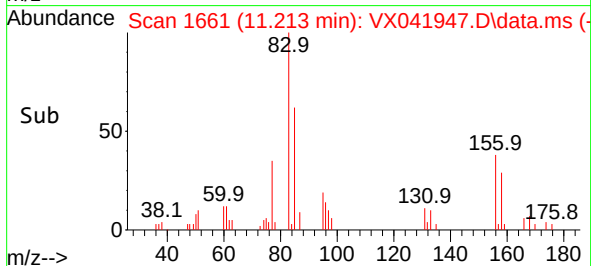
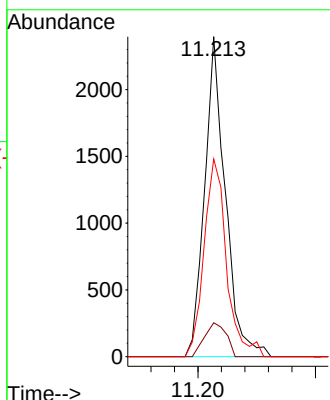
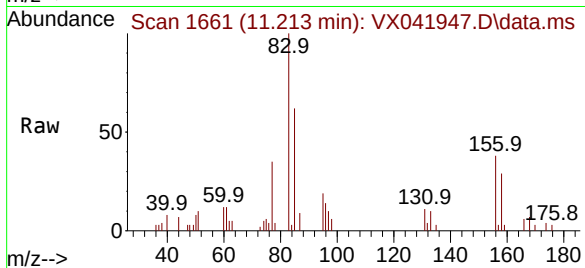
#75
1,1,2,2-Tetrachloroethane
Concen: 1.193 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 83 Resp: 2938
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.8
85 67.0 32.0 96.2

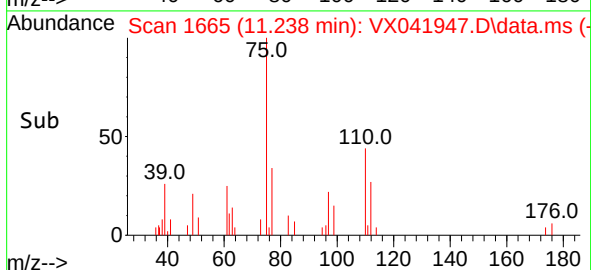
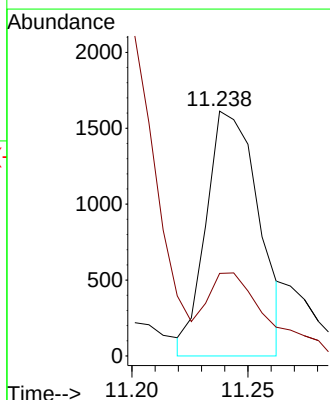
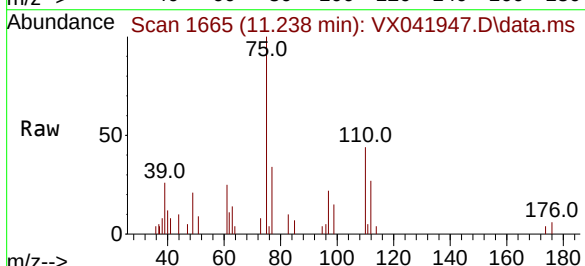
Manual Integrations
APPROVED

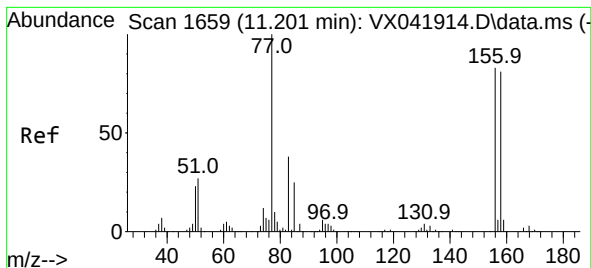
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#76
1,2,3-Trichloropropane
Concen: 1.287 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion: 75 Resp: 2542
Ion Ratio Lower Upper
75 100
77 39.5 19.1 57.5





#77

Bromobenzene

Concen: 1.223 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

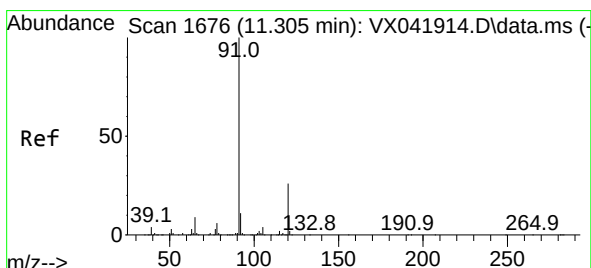
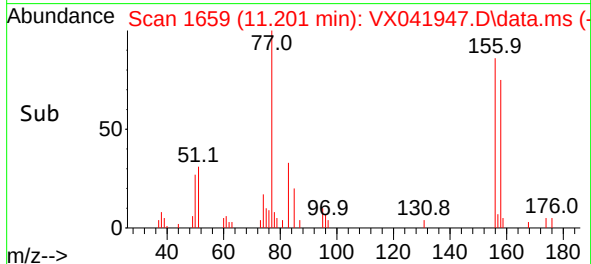
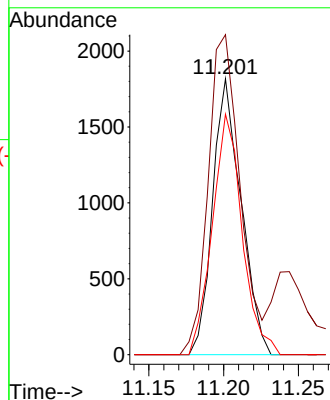
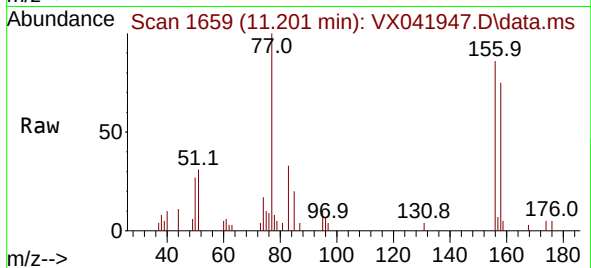
Tgt Ion:	156	Resp:	2409
Ion Ratio	Lower	Upper	
156	100		
77	129.6	88.4	265.3
158	91.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#78

n-propylbenzene

Concen: 1.142 ug/l

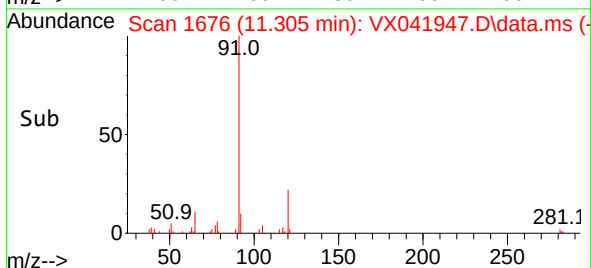
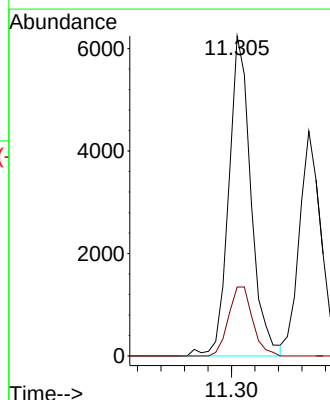
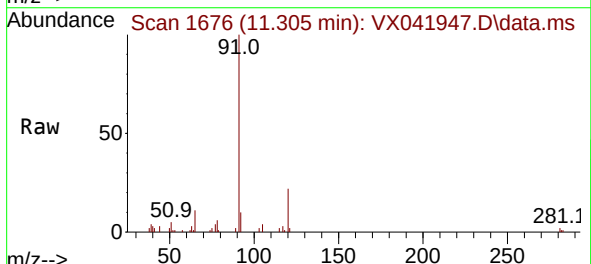
RT: 11.305 min Scan# 1676

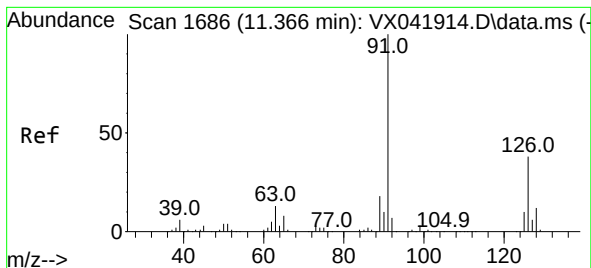
Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Tgt Ion:	91	Resp:	8195
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.5	34.4





#79

2-Chlorotoluene

Concen: 1.249 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

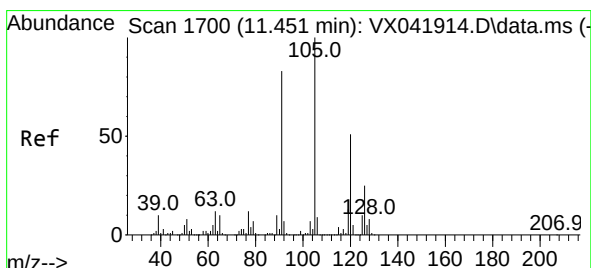
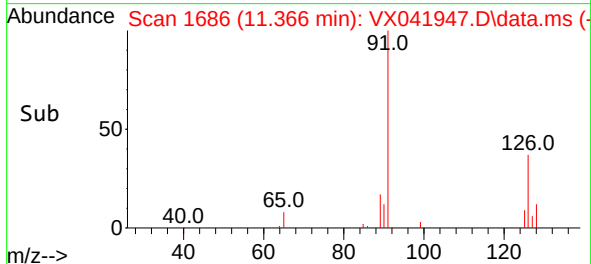
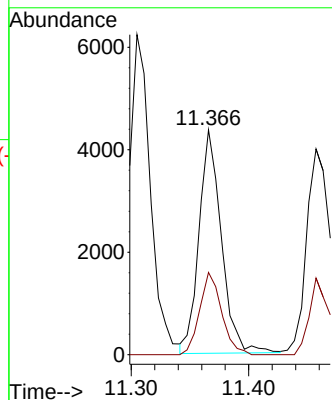
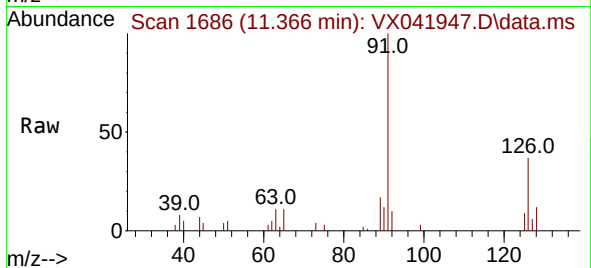
Tgt Ion: 91 Resp: 577
 Ion Ratio Lower Upper
 91 100
 126 36.1 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 1.120 ug/l

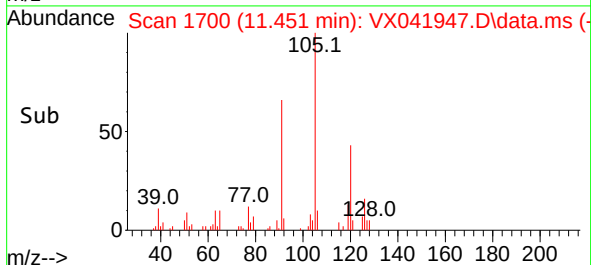
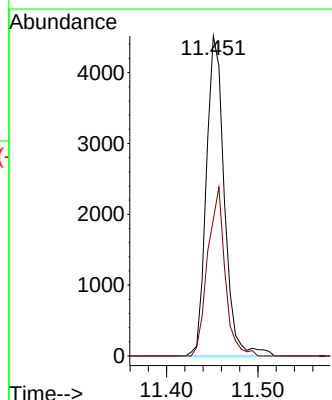
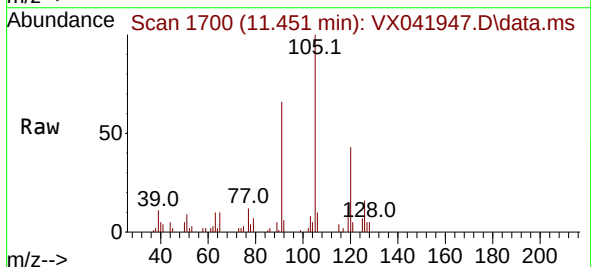
RT: 11.451 min Scan# 1700

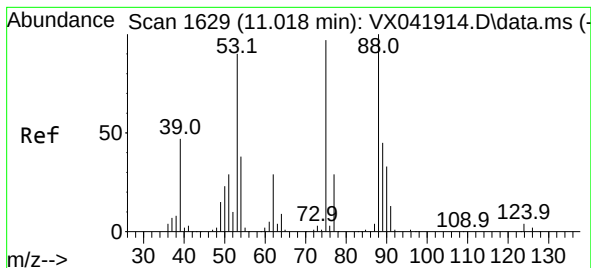
Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

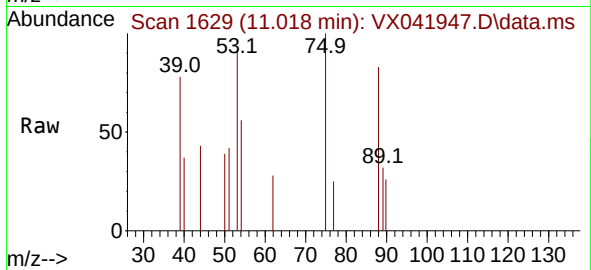
Tgt Ion:105 Resp: 6170
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.818 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

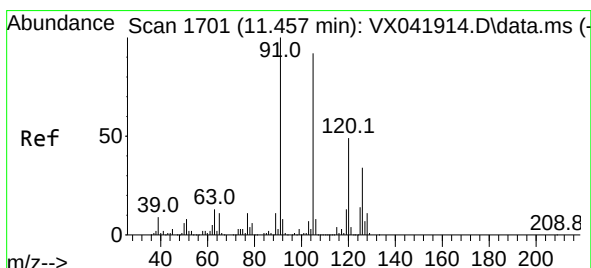
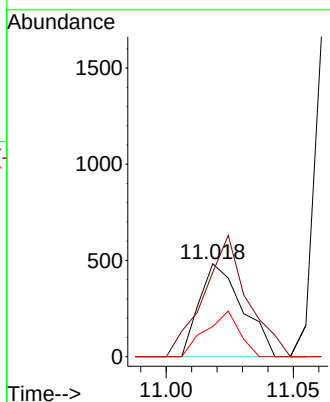
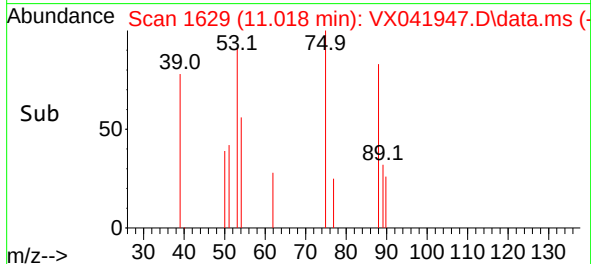
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion: 75 Resp: 569
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 36.9 55.3

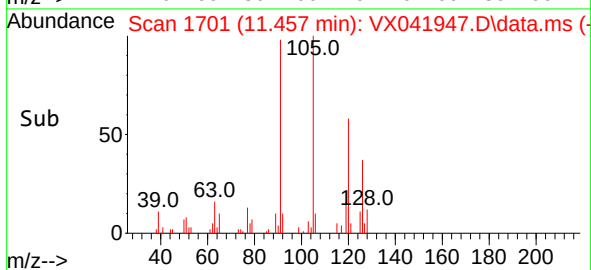
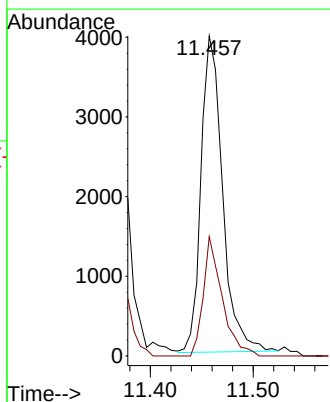
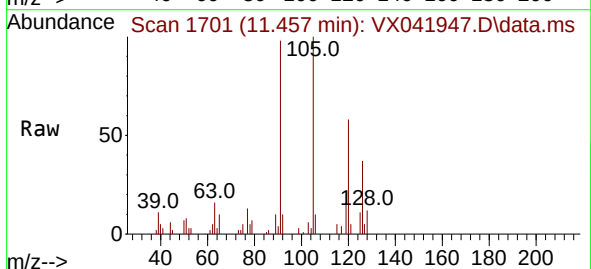
Manual Integrations
APPROVED

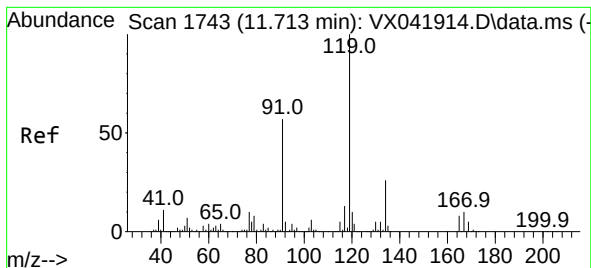
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#82
4-Chlorotoluene
Concen: 1.135 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion: 91 Resp: 5803
Ion Ratio Lower Upper
91 100
126 32.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 1.098 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

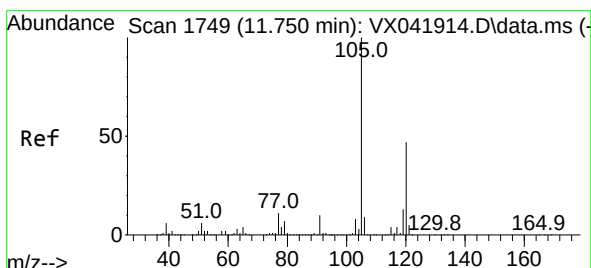
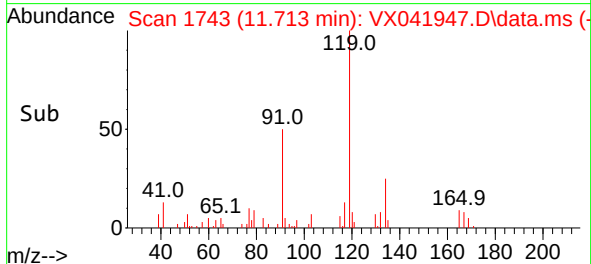
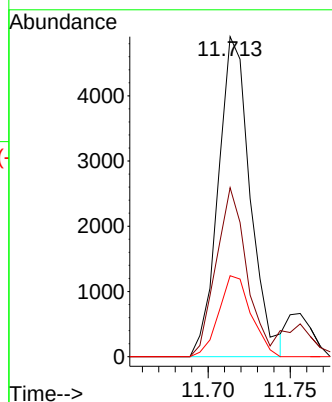
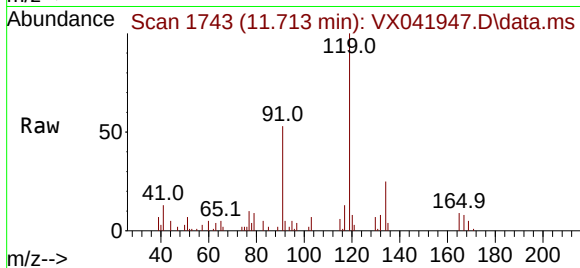
Tgt Ion:	119	Resp:	6630
Ion	Ratio	Lower	Upper
119	100		
91	50.5	31.2	93.6
134	25.7	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#84

1,2,4-Trimethylbenzene

Concen: 1.044 ug/l

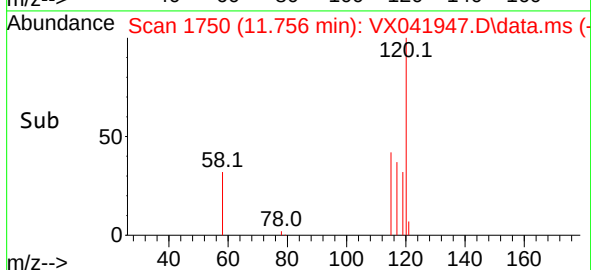
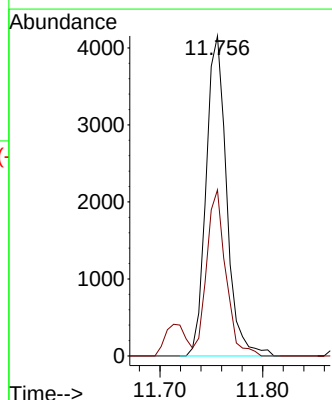
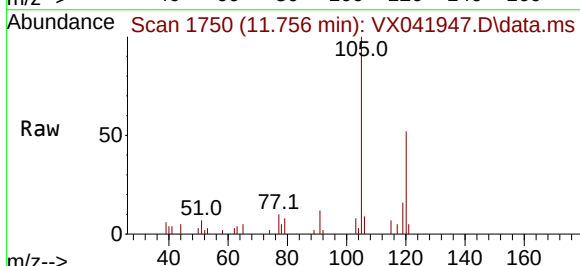
RT: 11.756 min Scan# 1750

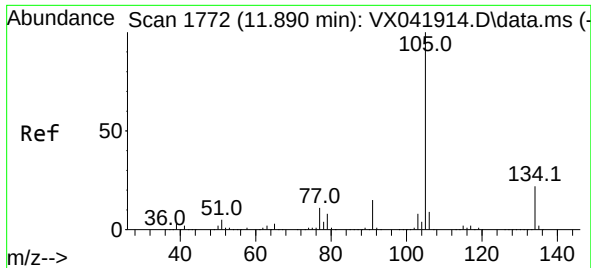
Delta R.T. 0.006 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

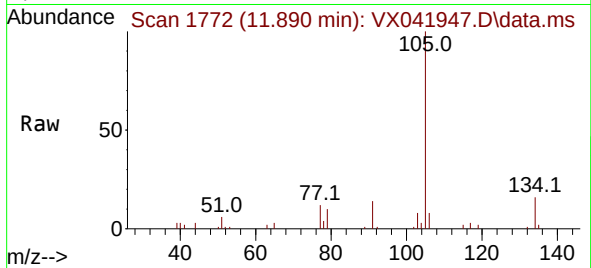
Tgt Ion:	105	Resp:	5768
Ion	Ratio	Lower	Upper
105	100		
120	48.4	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 1.065 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041947.D
 Acq: 19 Jun 2024 15:13

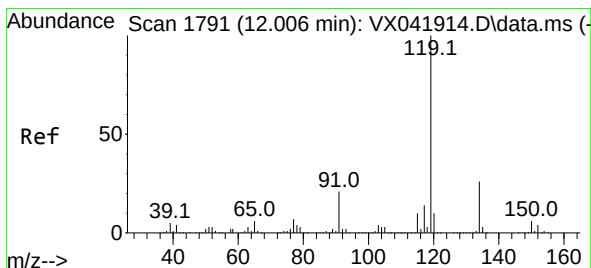
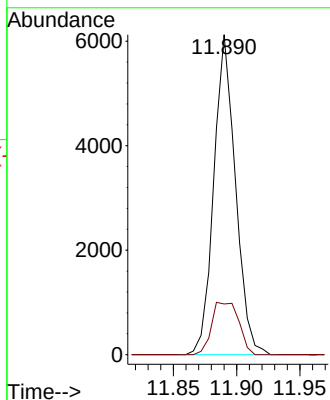
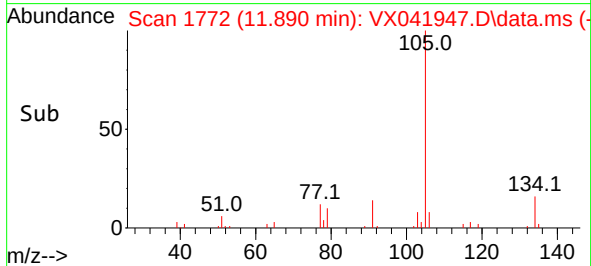
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



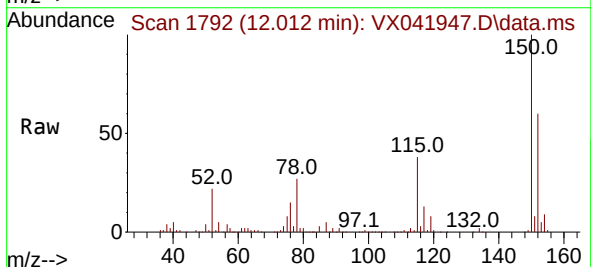
Tgt Ion:105 Resp: 7284
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.8 29.4

Manual Integrations
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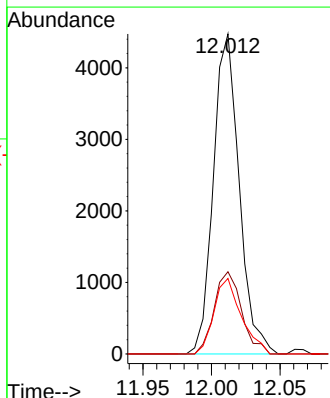
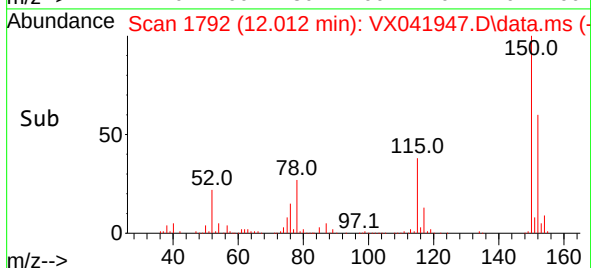
Reviewed By :John Carlone 06/20/2024
 Supervised By :Mahesh Dadoda 06/20/2024

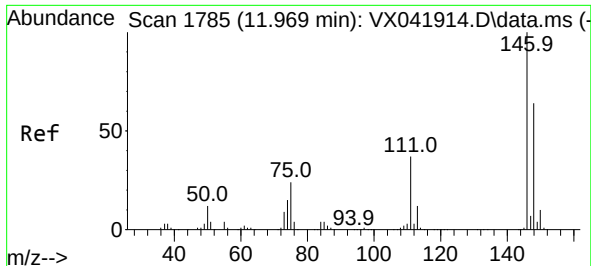


#86
 p-Isopropyltoluene
 Concen: 0.982 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX041947.D
 Acq: 19 Jun 2024 15:13



Tgt Ion:119 Resp: 5864
 Ion Ratio Lower Upper
 119 100
 134 27.2 12.8 38.3
 91 25.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 1.152 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

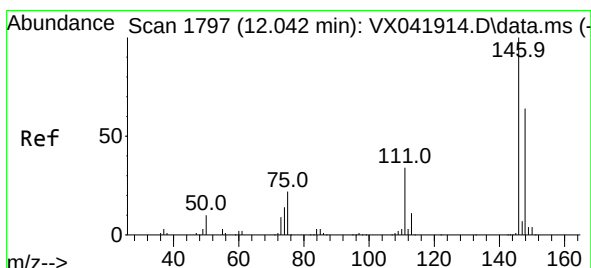
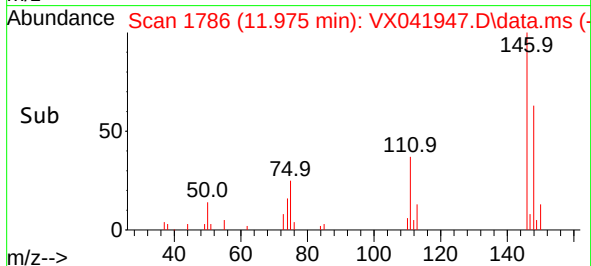
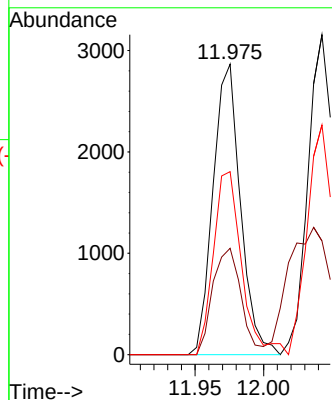
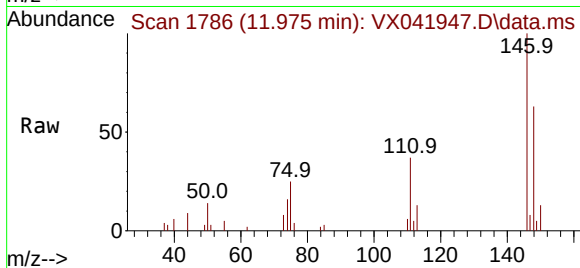
Tgt Ion:146	Resp:	3989
Ion Ratio	Lower	Upper
146	100	
111	38.0	22.1 66.1
148	63.6	31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#88

1,4-Dichlorobenzene

Concen: 1.200 ug/l m

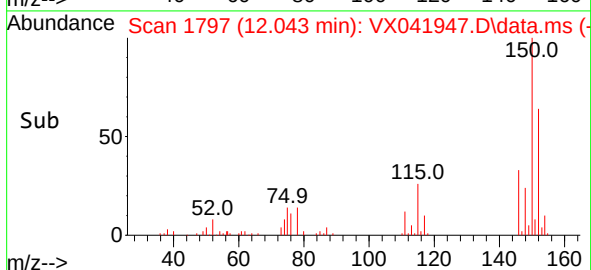
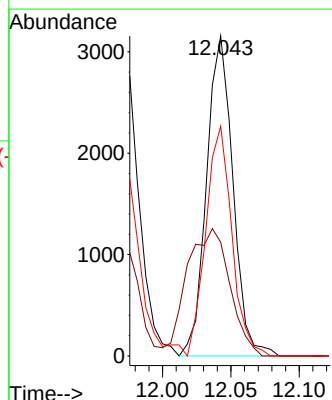
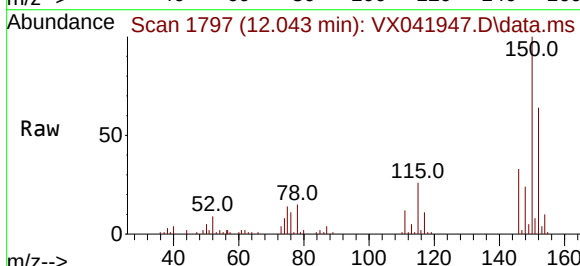
RT: 12.043 min Scan# 1797

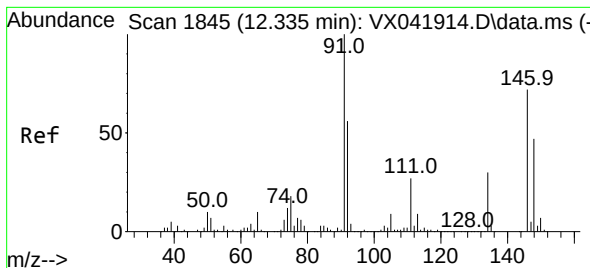
Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Tgt Ion:146	Resp:	4252
Ion Ratio	Lower	Upper
146	100	
111	35.6	21.3 63.7
148	59.7	31.8 95.4





#89

n-Butylbenzene

Concen: 0.955 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041947.D

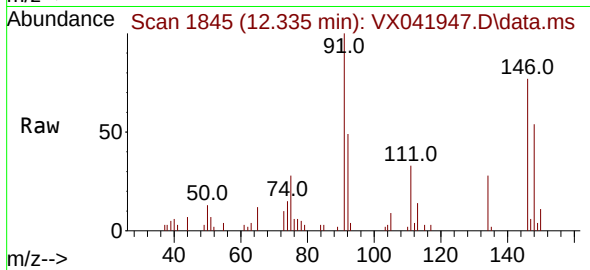
Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024



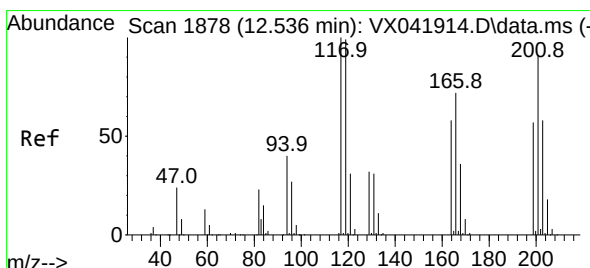
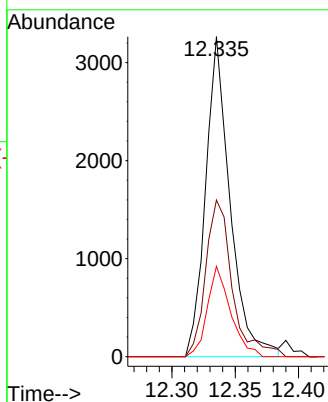
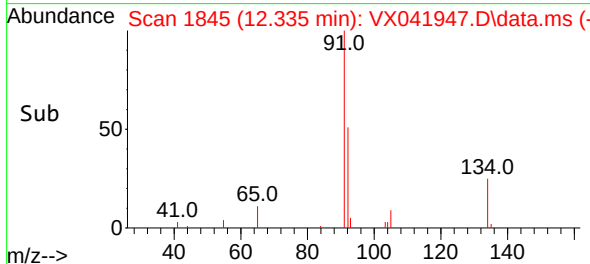
Tgt Ion: 91	Resp: 4389
Ion Ratio	Lower Upper
91	100
92	53.1 27.4 82.0
134	26.8 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#90

Hexachloroethane

Concen: 0.968 ug/l

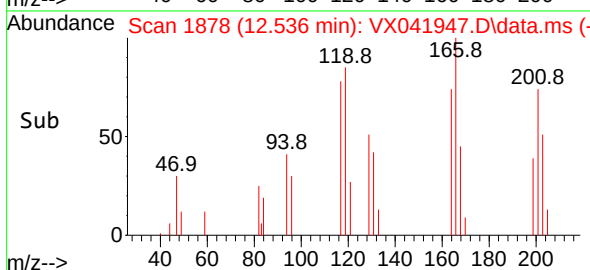
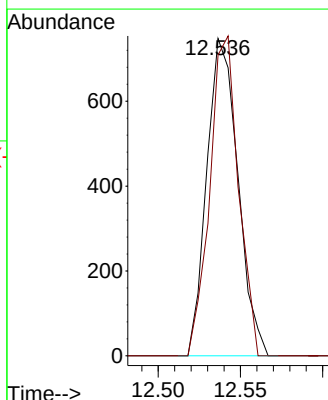
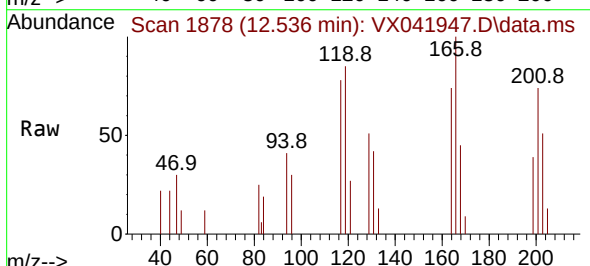
RT: 12.536 min Scan# 1878

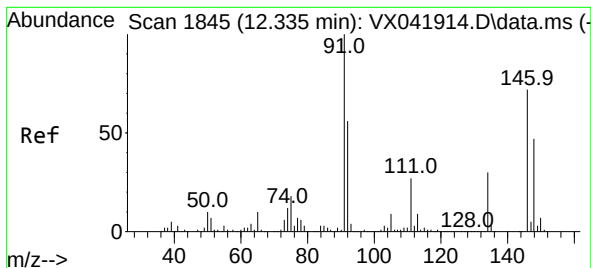
Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Tgt Ion:117	Resp: 984
Ion Ratio	Lower Upper
117	100
201	92.8 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 1.173 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041947.D

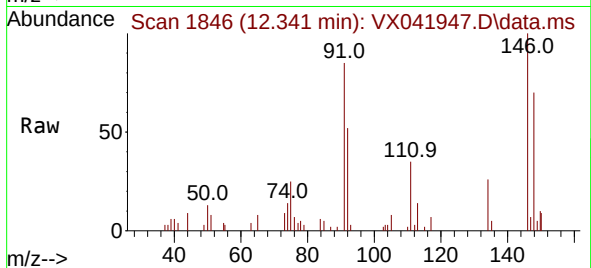
Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024



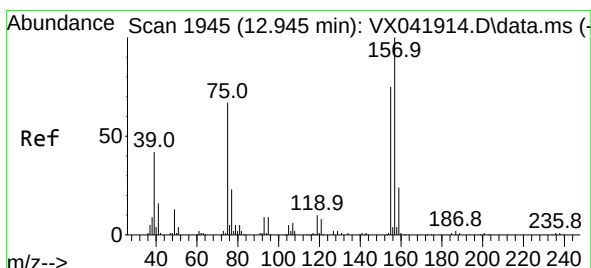
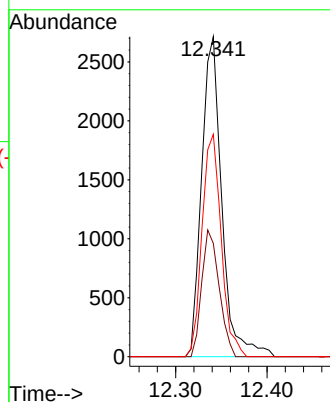
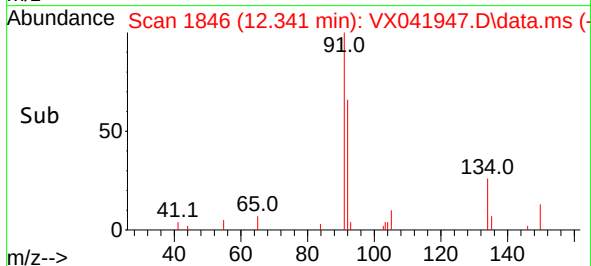
Tgt Ion:	146	Resp:	415
Ion	Ratio	Lower	Upper
146	100		
111	34.2	22.4	67.0
148	66.1	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.944 ug/l

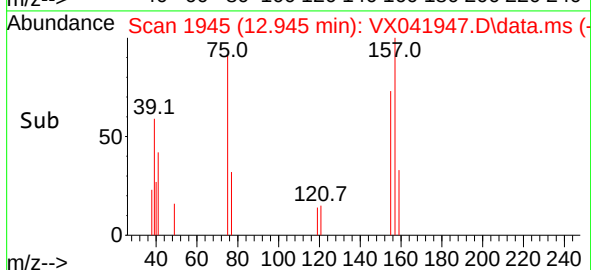
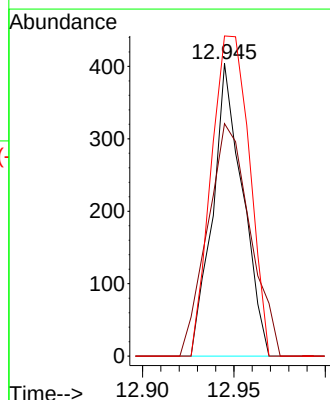
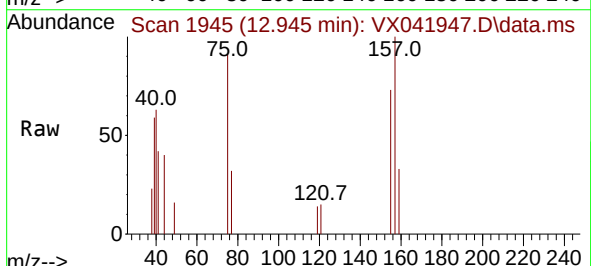
RT: 12.945 min Scan# 1945

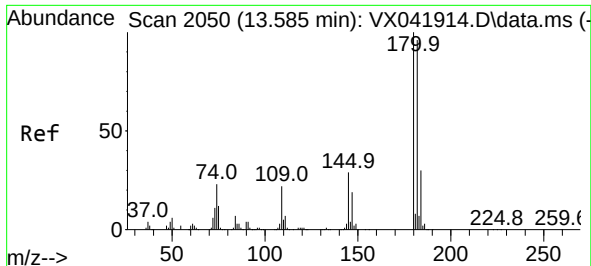
Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

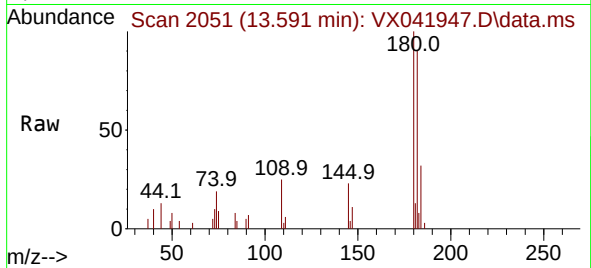
Tgt Ion:	75	Resp:	460
Ion	Ratio	Lower	Upper
75	100		
155	112.6	36.1	108.5#
157	139.6	44.9	134.7#





#93
1,2,4-Trichlorobenzene
Concen: 0.970 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

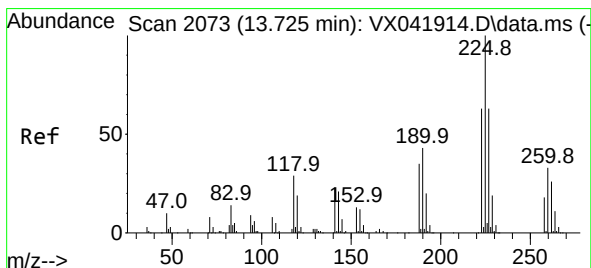
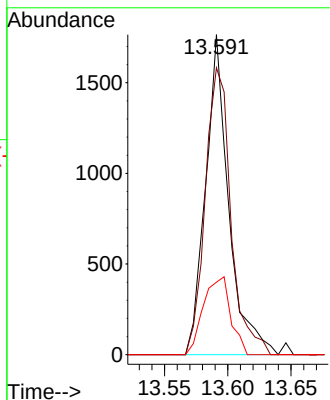
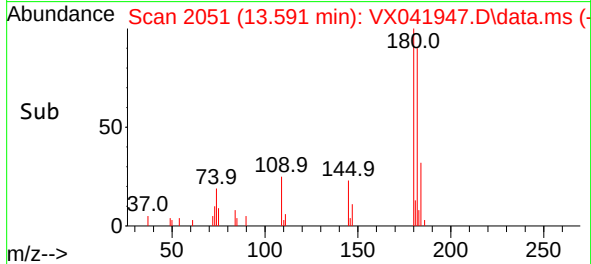
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:180 Resp: 225
Ion Ratio Lower Upper
180 100
182 99.2 48.3 144.8
145 28.5 18.0 54.0

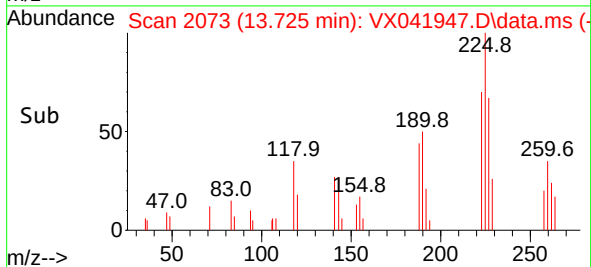
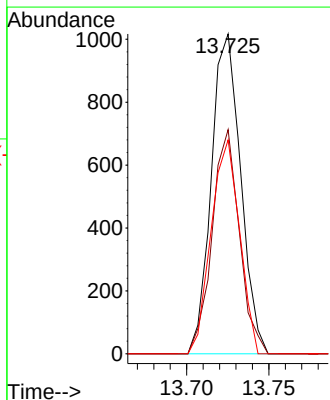
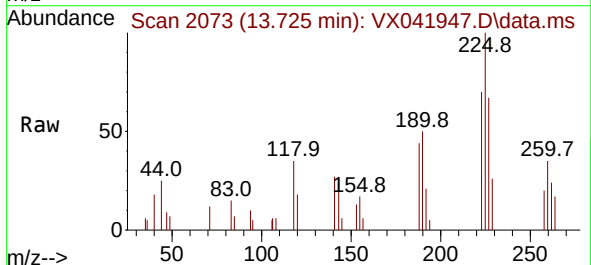
Manual Integrations
APPROVED

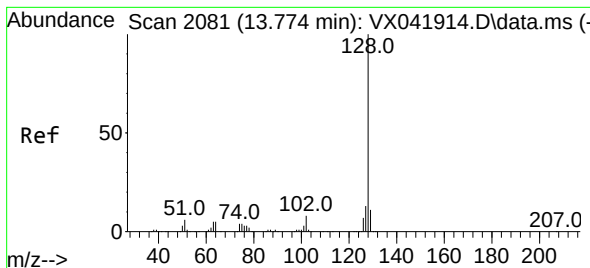
Reviewed By :John Carlone 06/20/2024
Supervised By :Mahesh Dadoda 06/20/2024



#94
Hexachlorobutadiene
Concen: 1.075 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX041947.D
Acq: 19 Jun 2024 15:13

Tgt Ion:225 Resp: 1262
Ion Ratio Lower Upper
225 100
223 65.1 31.1 93.2
227 64.5 32.5 97.5





#95

Naphthalene

Concen: 0.938 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT2-2024

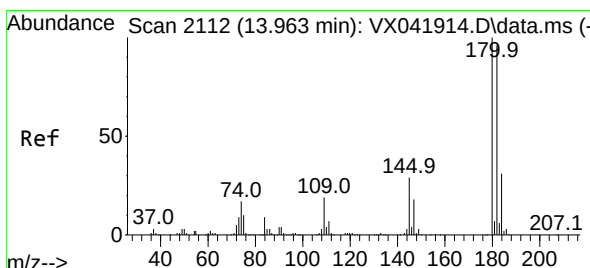
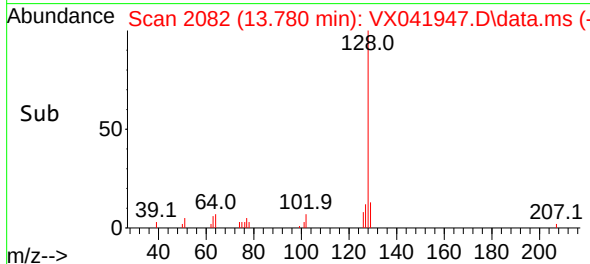
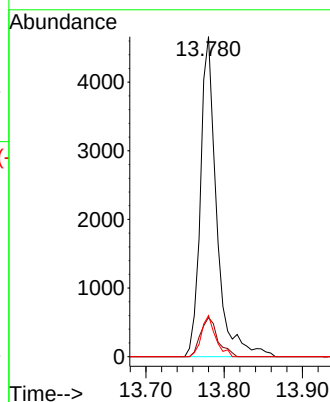
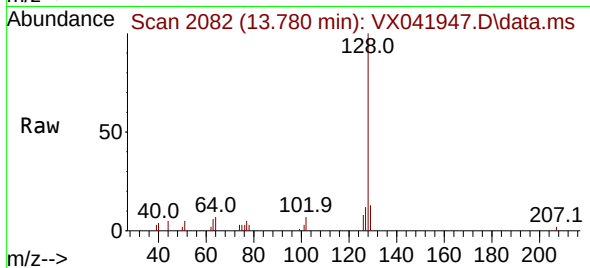
Tgt Ion:	128	Resp:	6714
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2024

Supervised By :Mahesh Dadoda 06/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 0.975 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041947.D

Acq: 19 Jun 2024 15:13

Tgt Ion:	180	Resp:	2386
Ion Ratio	Lower	Upper	
180	100		
182	102.6	46.9	140.6
145	31.2	17.8	53.5

