

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040044.D
 Acq On : 31 Jan 2024 13:35
 Operator : JC/MD
 Sample : P1187-08 1.0PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024

Quant Time: Feb 01 05:11:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:07:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/01/2024
 Supervised By : Mahesh Dadoda 02/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	93412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75422	50.169	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.340%			
35) Dibromofluoromethane	5.385	113	54441	48.464	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.920%			
50) Toluene-d8	8.646	98	191365	45.553	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.100%#			
62) 4-Bromofluorobenzene	11.079	95	76199	47.107	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	923	0.877	ug/l	97
3) Chloromethane	1.300	50	894	0.896	ug/l #	74
4) Vinyl Chloride	1.373	62	1058	1.146	ug/l #	85
5) Bromomethane	1.611	94	697	0.777	ug/l	85
6) Chloroethane	1.690	64	480	0.788	ug/l #	73
7) Trichlorofluoromethane	1.885	101	1235	0.841	ug/l	91
8) Diethyl Ether	2.129	74	411	0.792	ug/l #	44
9) 1,1,2-Trichlorotrifluo...	2.331	101	1036	0.946	ug/l	93
10) Methyl Iodide	2.452	142	1076	0.923	ug/l #	93
11) Tert butyl alcohol	2.946	59	1425	5.224	ug/l #	78
12) 1,1-Dichloroethene	2.318	96	909	0.865	ug/l #	71
13) Acrolein	2.239	56	1435	5.491	ug/l	98
14) Allyl chloride	2.666	41	1709	0.902	ug/l	92
15) Acrylonitrile	3.068	53	3276	4.794	ug/l	99
16) Acetone	2.379	43	3667	5.206	ug/l #	77
17) Carbon Disulfide	2.513	76	2839	0.924	ug/l	98
18) Methyl Acetate	2.708	43	1694	1.015	ug/l	92
19) Methyl tert-butyl Ether	3.105	73	3320	0.922	ug/l #	87
20) Methylene Chloride	2.788	84	1339	1.070	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	1121	0.969	ug/l #	76
22) Diisopropyl ether	3.763	45	3195	0.871	ug/l #	86
23) Vinyl Acetate	3.727	43	13336	4.062	ug/l	95
24) 1,1-Dichloroethane	3.611	63	1964	0.935	ug/l #	84
25) 2-Butanone	4.574	43	4567	4.664	ug/l #	88
26) 2,2-Dichloropropane	4.495	77	1511	0.922	ug/l #	76
27) cis-1,2-Dichloroethene	4.501	96	1112	0.861	ug/l	89
28) Bromochloromethane	4.885	49	886m	0.904	ug/l	
29) Tetrahydrofuran	5.013	42	3007	4.830	ug/l #	64
30) Chloroform	5.092	83	2014	0.893	ug/l	98
31) Cyclohexane	5.482	56	1631m	0.866	ug/l	
32) 1,1,1-Trichloroethane	5.391	97	1705m	0.881	ug/l	
36) 1,1-Dichloropropene	5.696	75	1708	1.051	ug/l	89
37) Ethyl Acetate	4.745	43	2024	1.141	ug/l #	69
38) Carbon Tetrachloride	5.690	117	1417	0.912	ug/l #	56
39) Methylcyclohexane	7.378	83	1693	0.857	ug/l	95
40) Benzene	6.037	78	4717	0.997	ug/l #	75

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	815m	0.906	ug/l	
42) 1,2-Dichloroethane	6.098	62	1841	1.011	ug/l #	77
43) Isopropyl Acetate	6.348	43	2526	0.903	ug/l #	89
44) Trichloroethene	7.128	130	1059	0.850	ug/l	90
45) 1,2-Dichloropropane	7.433	63	1283	1.027	ug/l	91
46) Dibromomethane	7.592	93	745	0.794	ug/l	94
47) Bromodichloromethane	7.823	83	1472	0.881	ug/l #	93
48) Methyl methacrylate	7.702	41	1337	0.970	ug/l	94
49) 1,4-Dioxane	7.677	88	450	15.025	ug/l #	89
51) 4-Methyl-2-Pentanone	8.573	43	7695	4.029	ug/l	97
52) Toluene	8.714	92	2543	0.862	ug/l	89
53) t-1,3-Dichloropropene	8.982	75	1212	0.700	ug/l	95
54) cis-1,3-Dichloropropene	8.372	75	1424	0.770	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	1159	0.949	ug/l #	77
56) Ethyl methacrylate	9.134	69	1216	0.682	ug/l	95
57) 1,3-Dichloropropane	9.311	76	1811	0.901	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.250	63	3362	3.750	ug/l	97
59) 2-Hexanone	9.433	43	5974	3.923	ug/l	99
60) Dibromochloromethane	9.518	129	1022	0.833	ug/l	88
61) 1,2-Dibromoethane	9.616	107	1123	0.851	ug/l	96
64) Tetrachloroethene	9.274	164	858	0.864	ug/l #	81
65) Chlorobenzene	10.079	112	3010	0.954	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.164	131	934	0.877	ug/l #	63
67) Ethyl Benzene	10.195	91	5409	0.956	ug/l	92
68) m/p-Xylenes	10.305	106	3708	1.742	ug/l	99
69) o-Xylene	10.640	106	1934	0.958	ug/l	96
70) Styrene	10.664	104	2847	0.836	ug/l	97
71) Bromoform	10.805	173	623	0.764	ug/l #	99
73) Isopropylbenzene	10.963	105	4842	0.930	ug/l	96
74) N-amyl acetate	10.841	43	1690	0.713	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	1969	1.006	ug/l	84
76) 1,2,3-Trichloropropane	11.244	75	1739m	1.126	ug/l	
77) Bromobenzene	11.201	156	1182	0.984	ug/l	93
78) n-propylbenzene	11.305	91	6161	0.962	ug/l	98
79) 2-Chlorotoluene	11.365	91	3833	0.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	4070	0.910	ug/l	90
81) trans-1,4-Dichloro-2-b...	11.018	75	192m	0.387	ug/l	
82) 4-Chlorotoluene	11.457	91	4283	0.968	ug/l	93
83) tert-Butylbenzene	11.713	119	3704	0.865	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	3575	0.801	ug/l	93
85) sec-Butylbenzene	11.890	105	4965	0.875	ug/l	98
86) p-Isopropyltoluene	12.012	119	3811	0.823	ug/l	83
87) 1,3-Dichlorobenzene	11.969	146	2222	0.917	ug/l	95
88) 1,4-Dichlorobenzene	12.036	146	2507m	1.011	ug/l	
89) n-Butylbenzene	12.335	91	3341	0.743	ug/l	94
90) Hexachloroethane	12.542	117	564	0.770	ug/l	70
91) 1,2-Dichlorobenzene	12.341	146	2121	0.908	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.938	75	321	0.724	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	1344	0.920	ug/l	97
94) Hexachlorobutadiene	13.731	225	544	0.946	ug/l	91
95) Naphthalene	13.774	128	3790	0.764	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1202	0.833	ug/l	93

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LOQ-WATER-02-QT1-2024

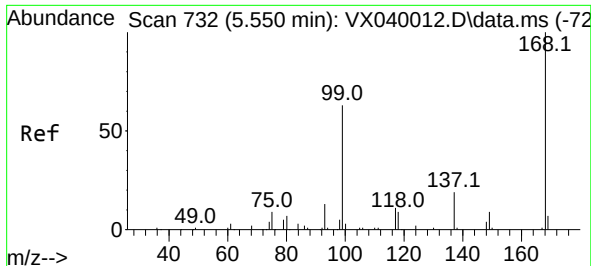
Quant Time: Feb 01 05:11:20 2024
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Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:07:23 2024
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APPROVED

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Supervised By :Mahesh Dadoda 02/01/2024

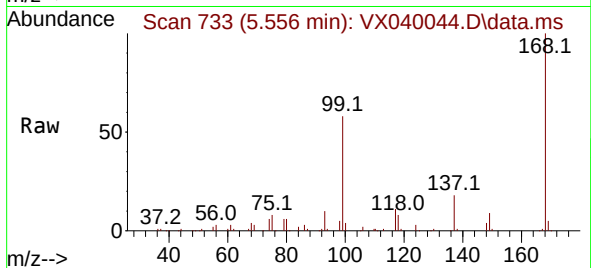
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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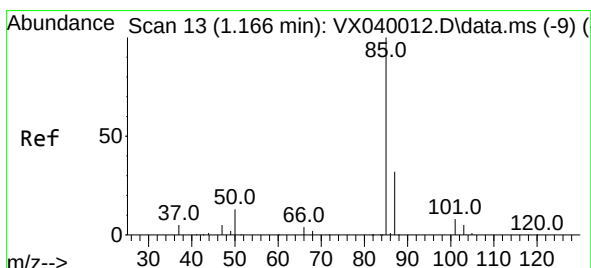
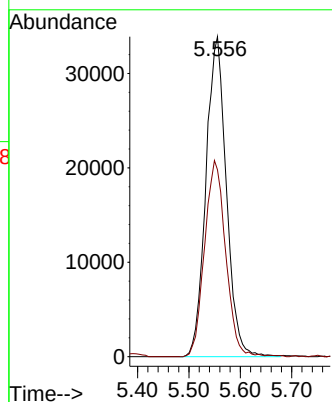
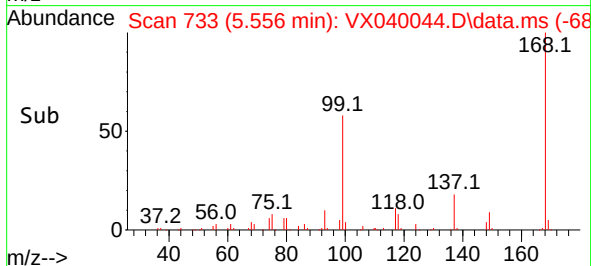
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:168 Resp: 9341
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0

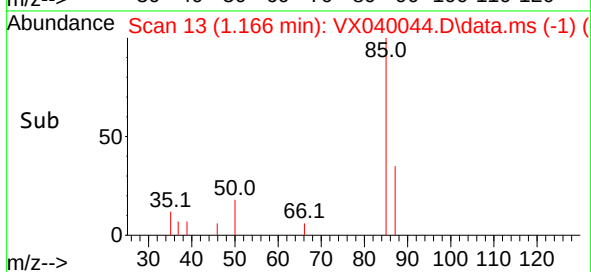
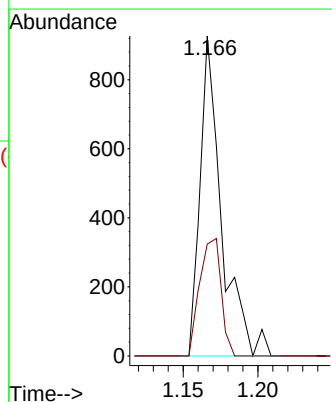
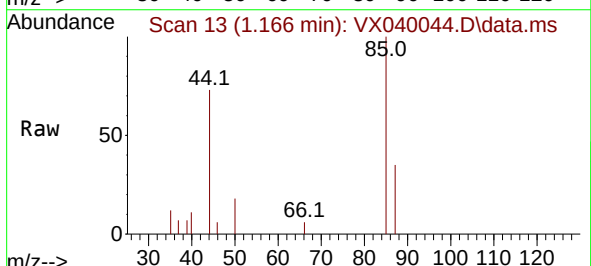
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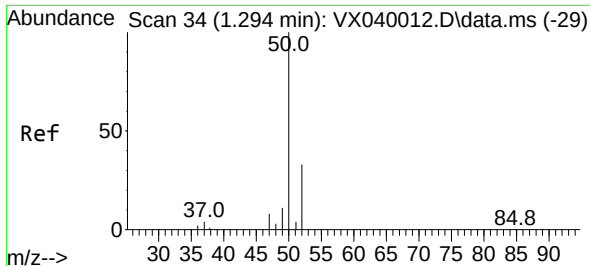
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#2
Dichlorodifluoromethane
Concen: 0.877 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

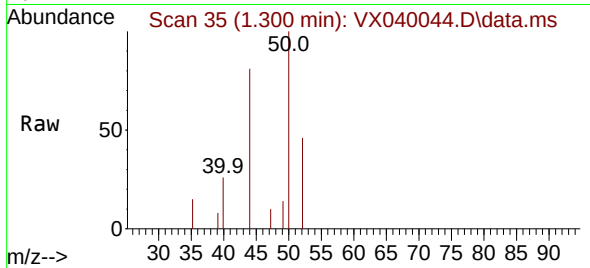
Tgt Ion: 85 Resp: 923
Ion Ratio Lower Upper
85 100
87 35.0 16.7 50.1





#3
Chloromethane
Concen: 0.896 ug/l
RT: 1.300 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

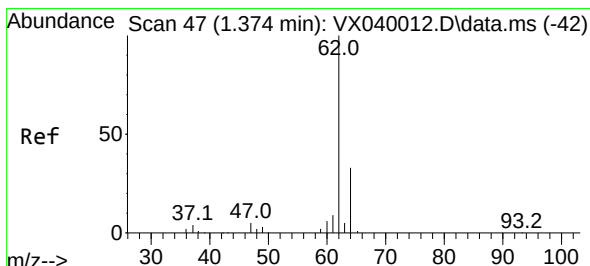
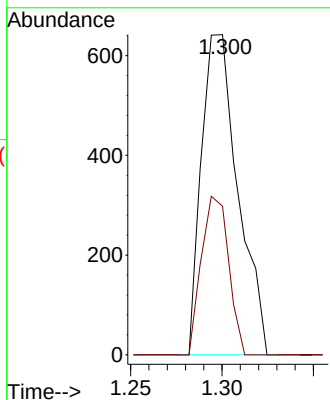
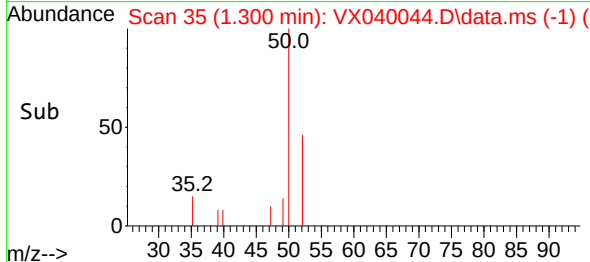
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 894
Ion Ratio Lower Upper
50 100
52 46.4 25.5 38.3

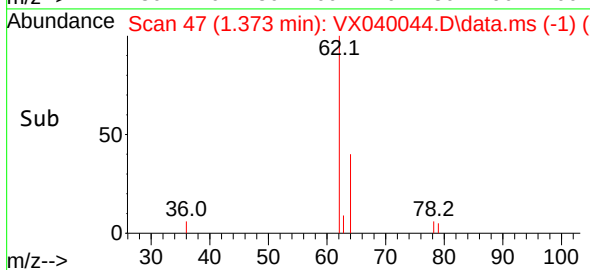
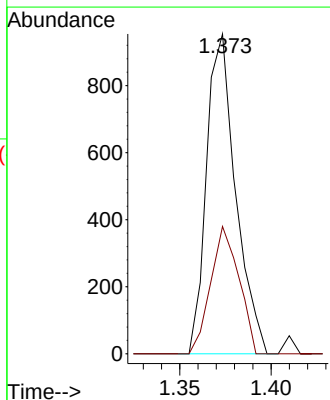
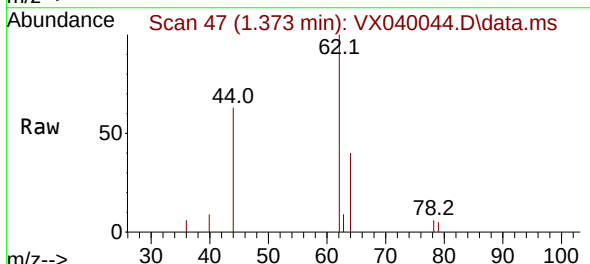
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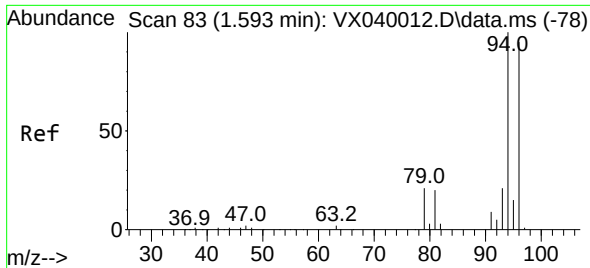
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#4
Vinyl Chloride
Concen: 1.146 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

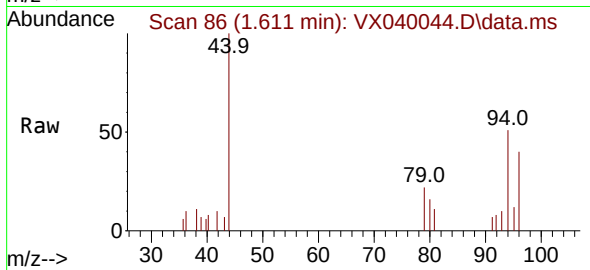
Tgt Ion: 62 Resp: 1058
Ion Ratio Lower Upper
62 100
64 39.8 25.4 38.0





#5
Bromomethane
Concen: 0.777 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

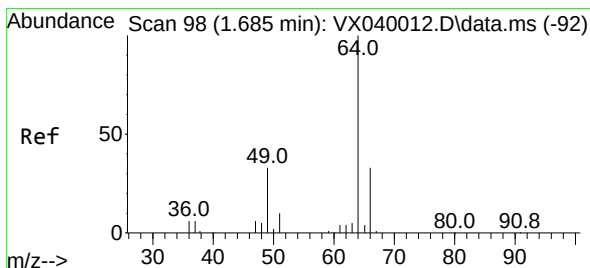
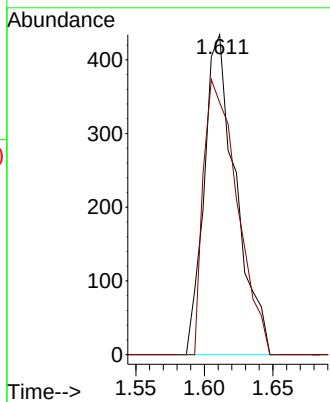
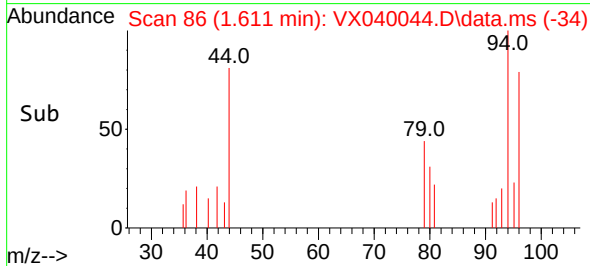
Instrument :
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Tgt Ion: 94 Resp: 69
Ion Ratio Lower Upper
94 100
96 78.8 74.6 111.8

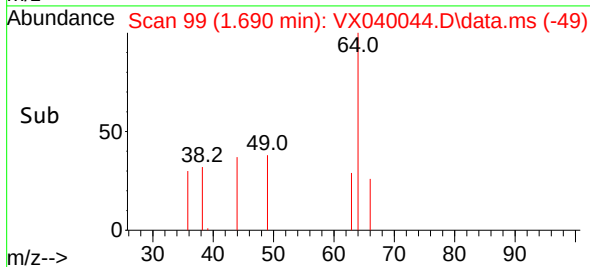
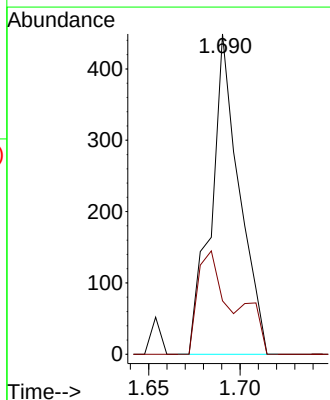
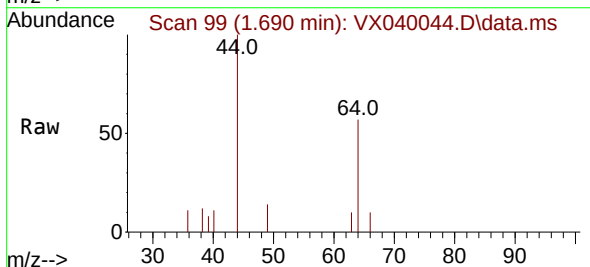
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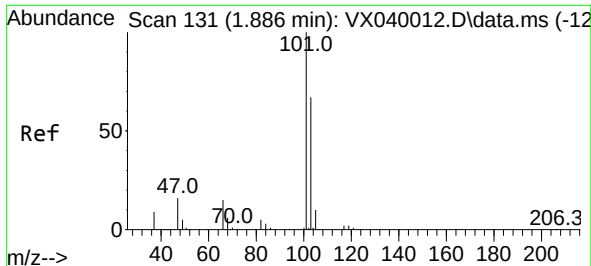
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#6
Chloroethane
Concen: 0.788 ug/l
RT: 1.690 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

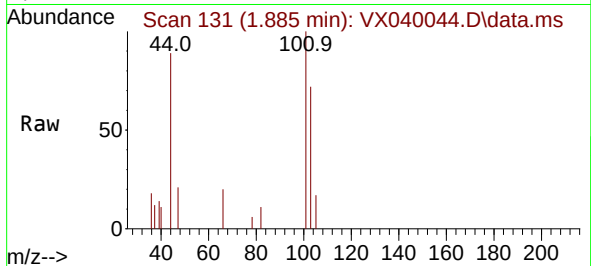
Tgt Ion: 64 Resp: 480
Ion Ratio Lower Upper
64 100
66 16.7 25.1 37.7





#7
Trichlorofluoromethane
Concen: 0.841 ug/l
RT: 1.885 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

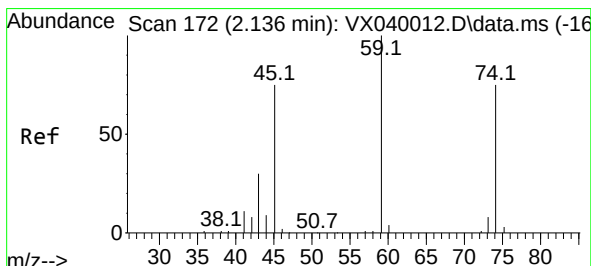
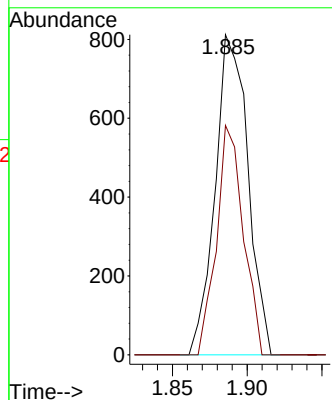
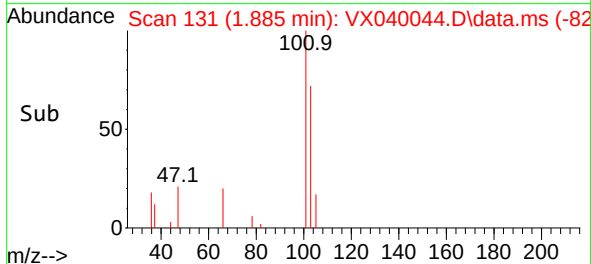
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:101 Resp: 123
Ion Ratio Lower Upper
101 100
103 71.7 51.4 77.2

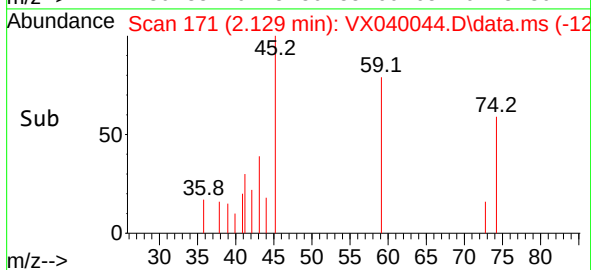
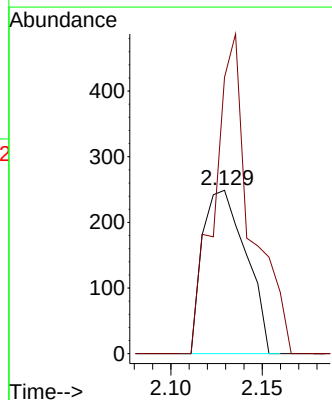
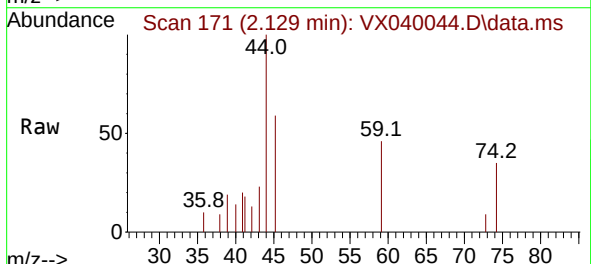
Manual Integrations
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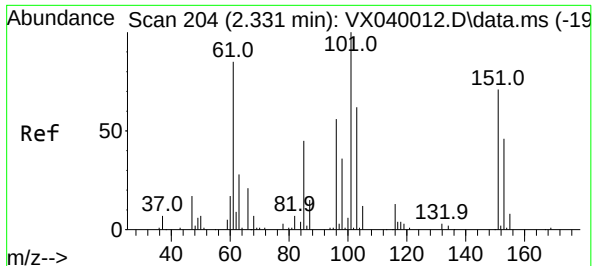
Reviewed By :John Carlone 02/01/2024
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#8
Diethyl Ether
Concen: 0.792 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 74 Resp: 411
Ion Ratio Lower Upper
74 100
45 164.5 53.3 159.8#





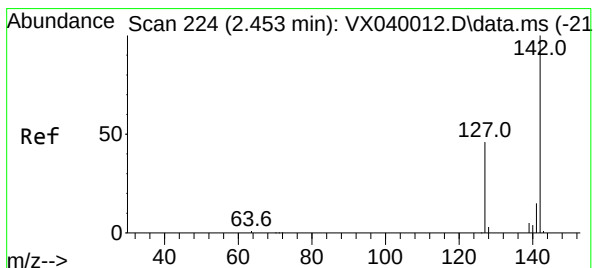
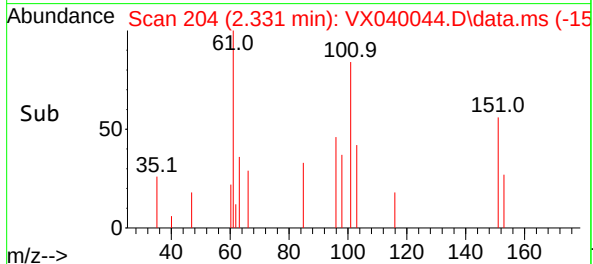
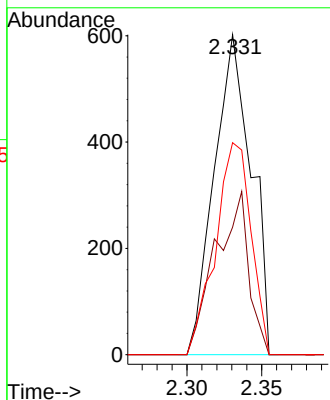
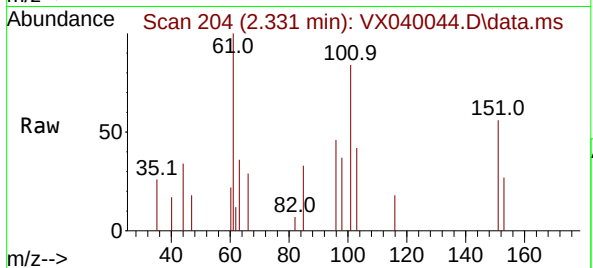
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.946 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024

Tgt Ion:101 Resp: 1030
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.6
151 63.7 58.6 87.8

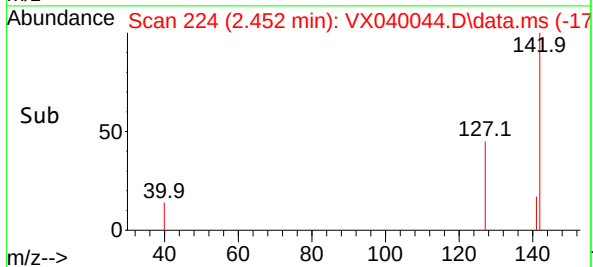
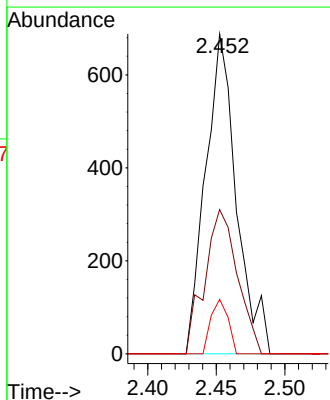
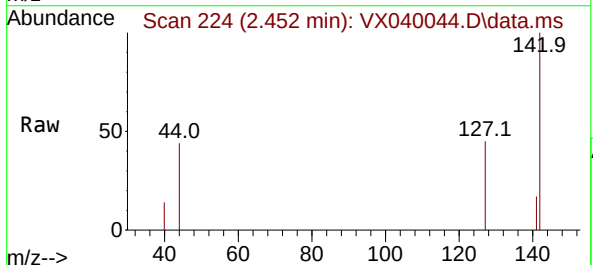
Manual Integrations
APPROVED

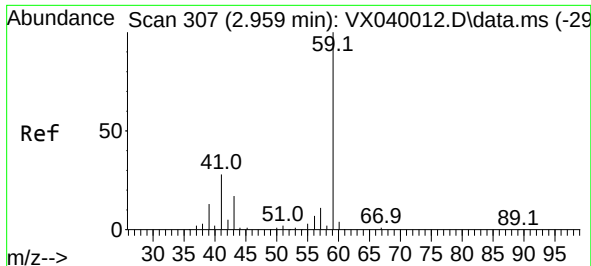
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#10
Methyl Iodide
Concen: 0.923 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Tgt Ion:142 Resp: 1076
Ion Ratio Lower Upper
142 100
127 48.0 41.6 62.4
141 9.5 11.6 17.4#





#11

Tert butyl alcohol

Concen: 5.224 ug/l

RT: 2.946 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX040044.D

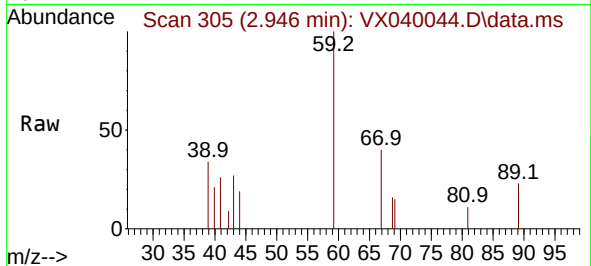
Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 59 Resp: 142

Ion Ratio Lower Upper

59 100

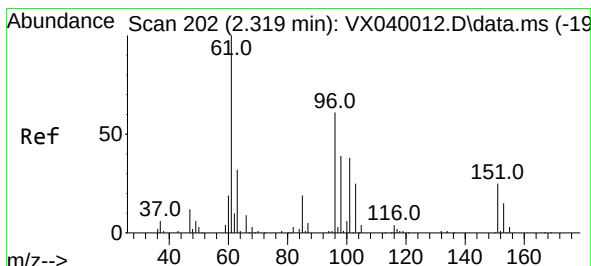
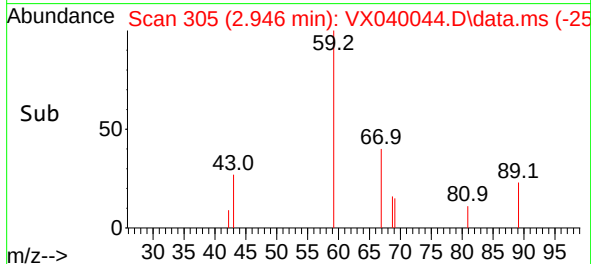
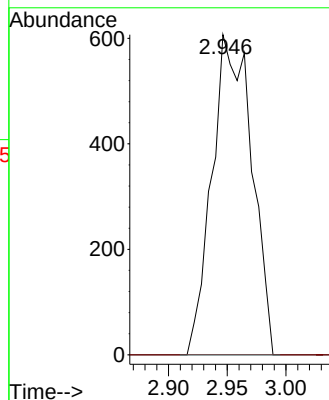
57 0.0 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#12

1,1-Dichloroethene

Concen: 0.865 ug/l

RT: 2.318 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

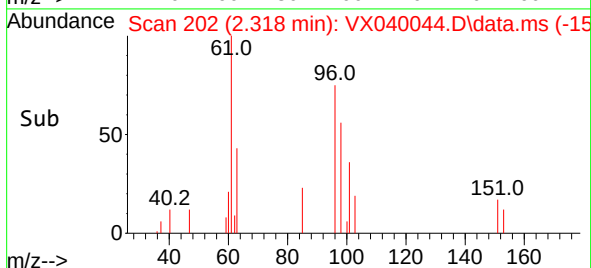
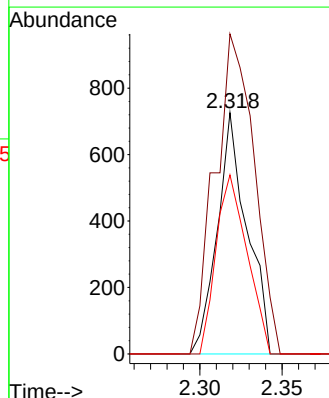
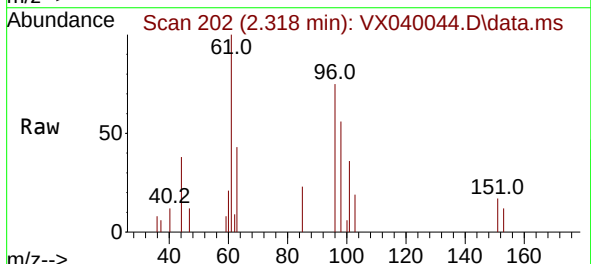
Tgt Ion: 96 Resp: 909

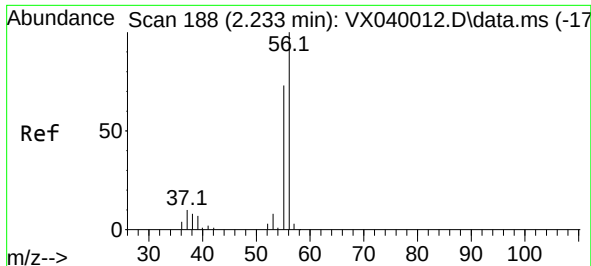
Ion Ratio Lower Upper

96 100

61 132.6 144.6 216.8

98 74.2 50.4 75.6





#13

Acrolein

Concen: 5.491 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040044.D

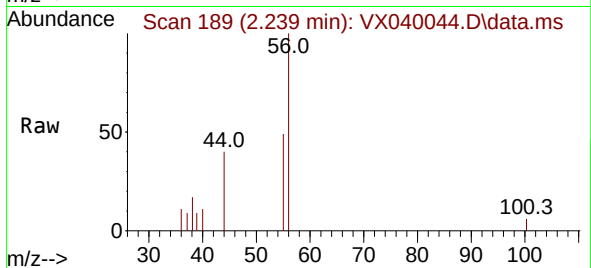
Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



Tgt Ion: 56 Resp: 143

Ion Ratio Lower Upper

56 100

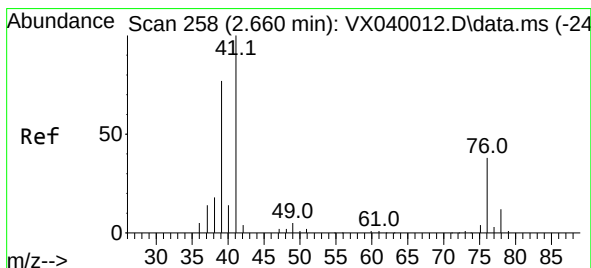
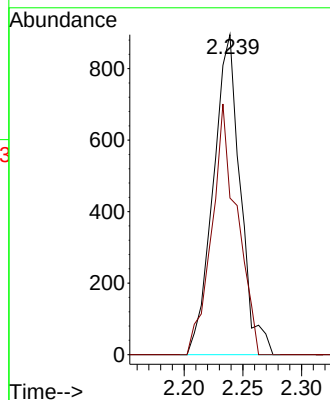
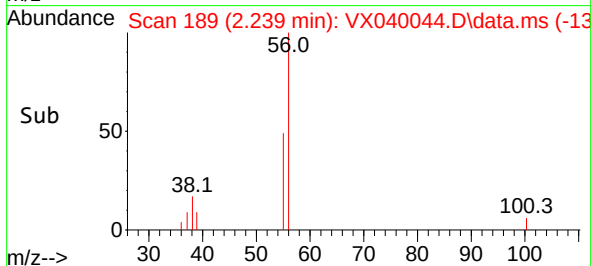
55 73.1 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#14

Allyl chloride

Concen: 0.902 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.006 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

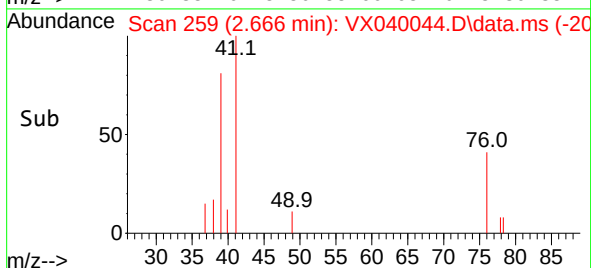
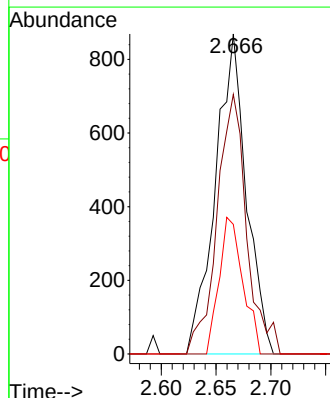
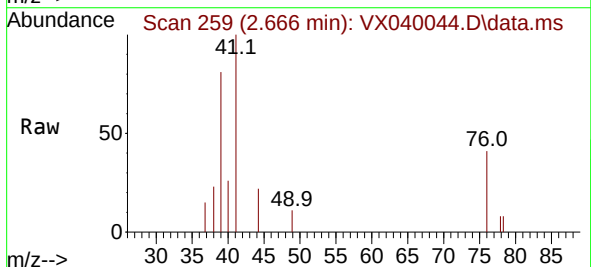
Tgt Ion: 41 Resp: 1709

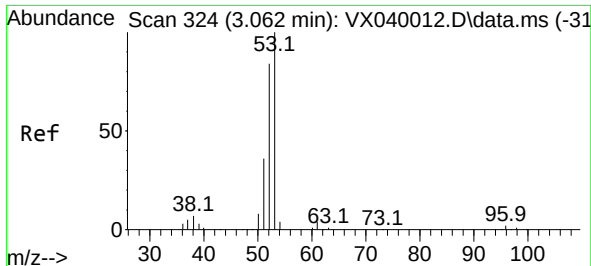
Ion Ratio Lower Upper

41 100

39 77.5 55.8 83.6

76 32.8 24.3 36.5





#15

Acrylonitrile

Concen: 4.794 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

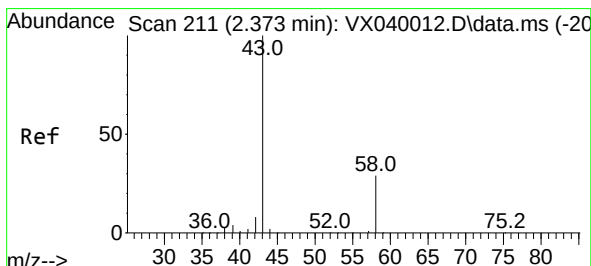
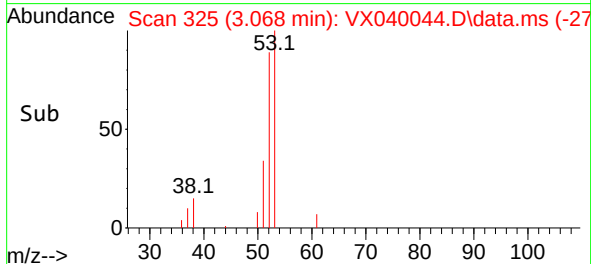
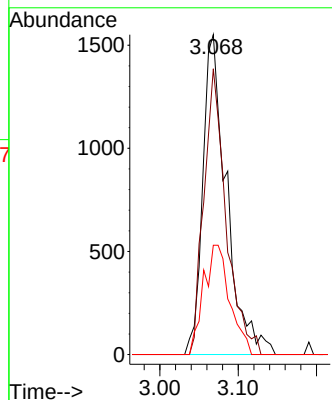
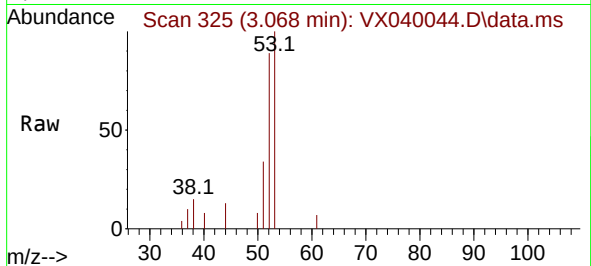
LOQ-WATER-02-QT1-2024

Tgt Ion: 53	Resp: 3270
Ion Ratio	Lower Upper
53 100	
52 83.2	66.0 99.0
51 37.6	29.8 44.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#16

Acetone

Concen: 5.206 ug/l

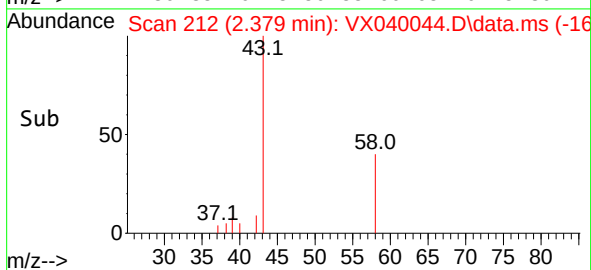
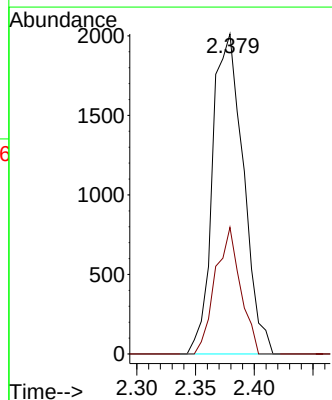
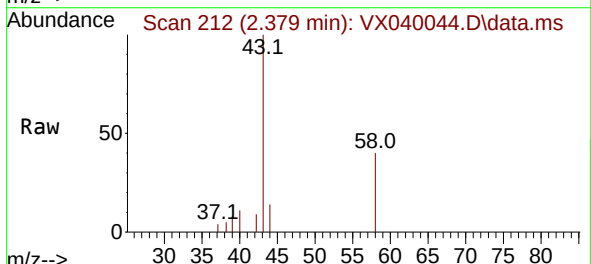
RT: 2.379 min Scan# 212

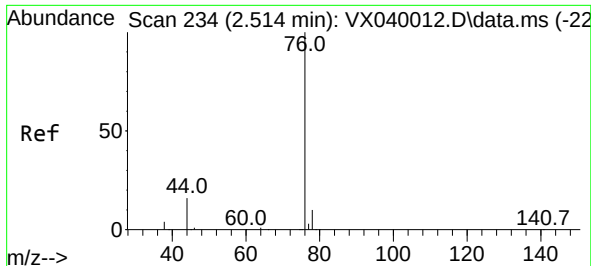
Delta R.T. 0.006 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

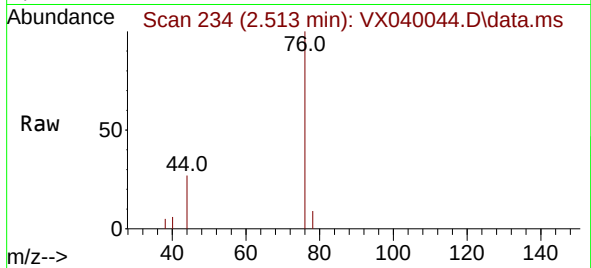
Tgt Ion: 43	Resp: 3667
Ion Ratio	Lower Upper
43 100	
58 39.6	21.9 32.9





#17
Carbon Disulfide
Concen: 0.924 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

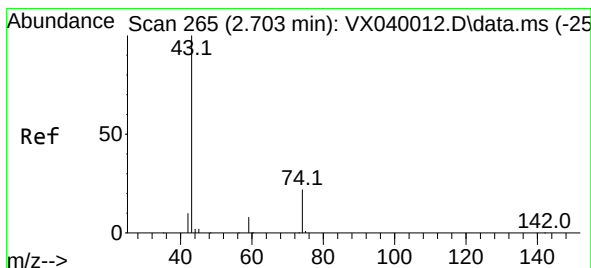
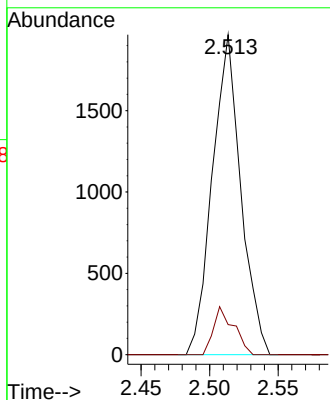
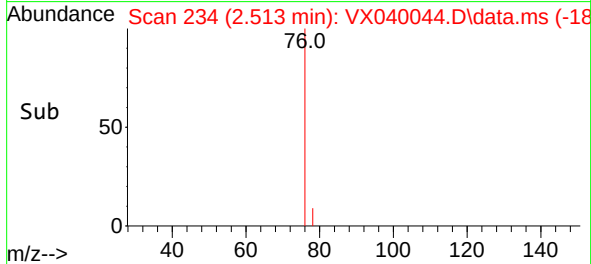
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



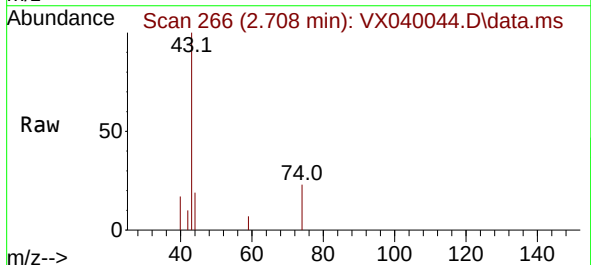
Tgt Ion: 76 Resp: 2839
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

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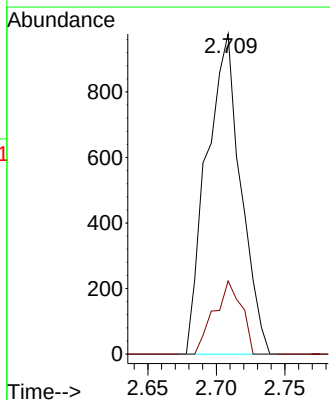
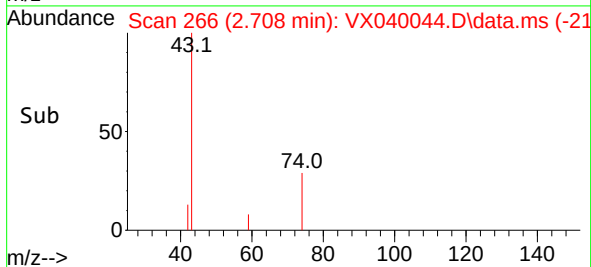
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

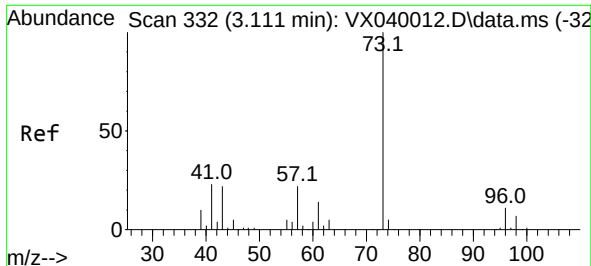


#18
Methyl Acetate
Concen: 1.015 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35



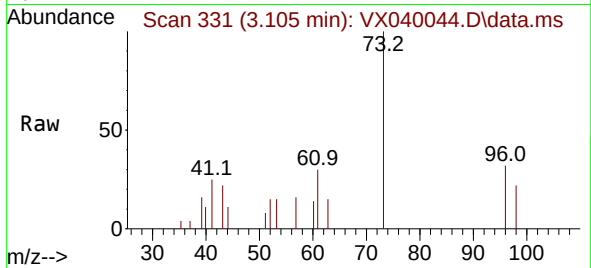
Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
74 18.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 0.922 ug/l
RT: 3.105 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

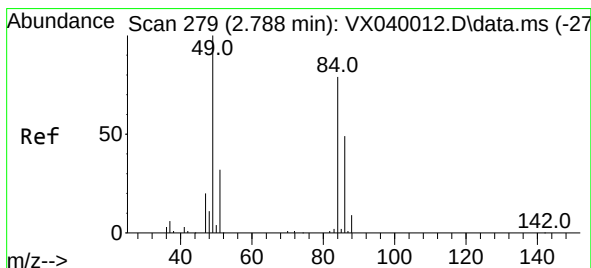
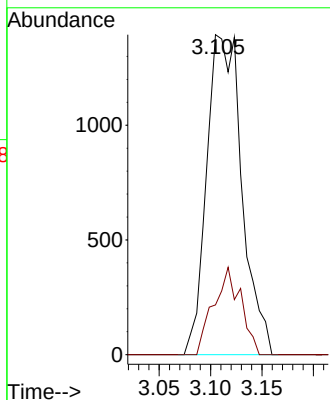
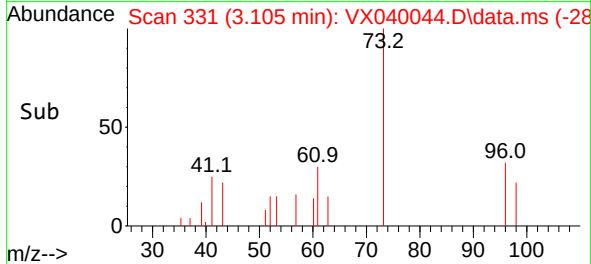
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 73 Resp: 3320
Ion Ratio Lower Upper
73 100
57 15.6 17.3 25.9

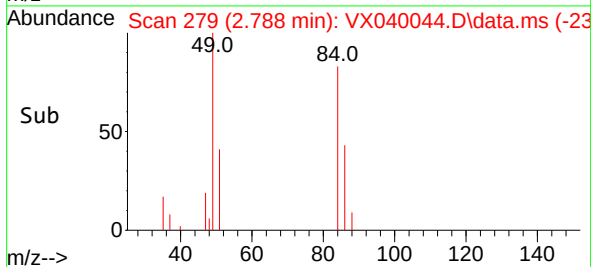
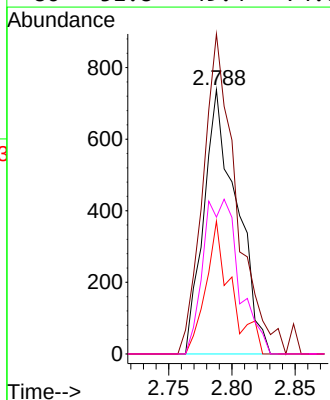
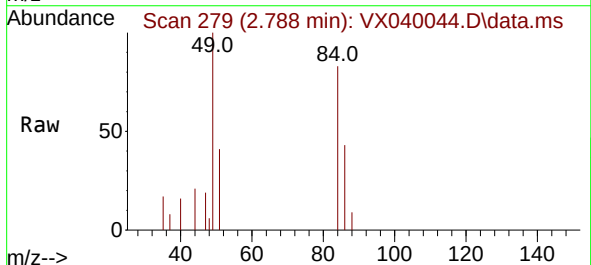
Manual Integrations
APPROVED

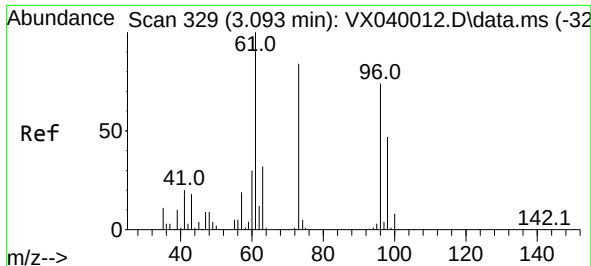
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#20
Methylene Chloride
Concen: 1.070 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

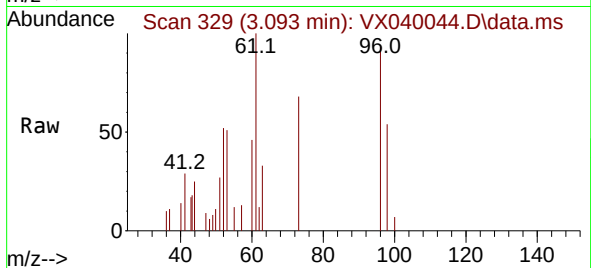
Tgt Ion: 84 Resp: 1339
Ion Ratio Lower Upper
84 100
49 121.1 103.6 155.4
51 50.3 33.8 50.6
86 51.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 0.969 ug/l
RT: 3.093 min Scan# 312
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

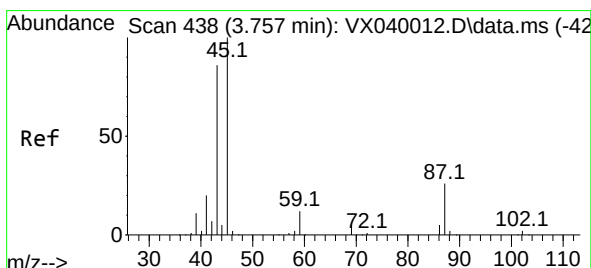
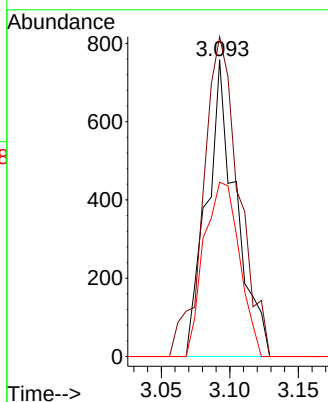
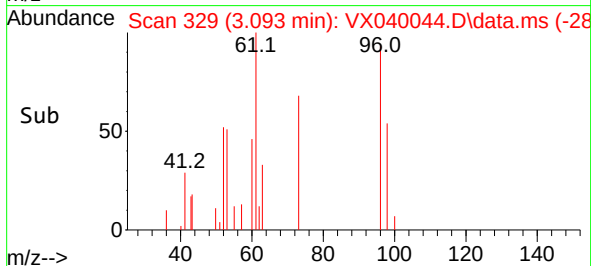
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



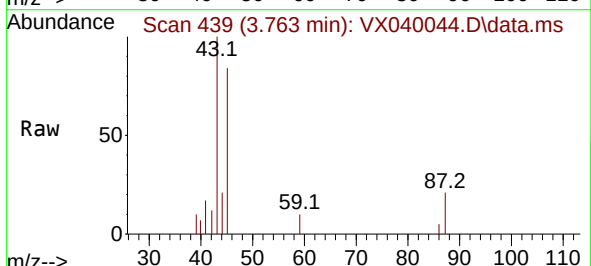
Tgt Ion: 96 Resp: 112
Ion Ratio Lower Upper
96 100
61 107.8 119.2 178.8
98 58.7 48.7 73.1

Manual Integrations
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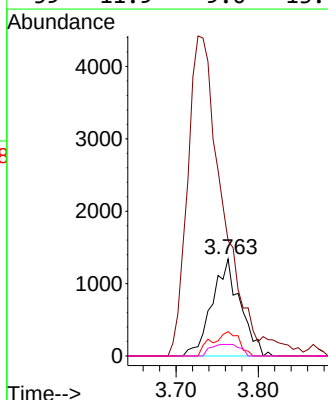
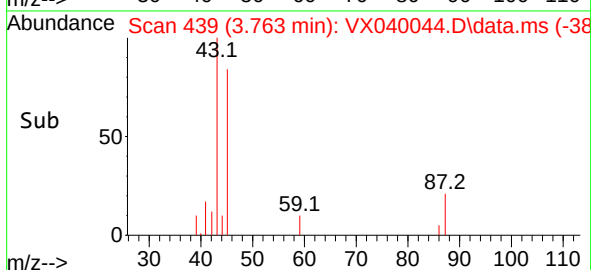
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

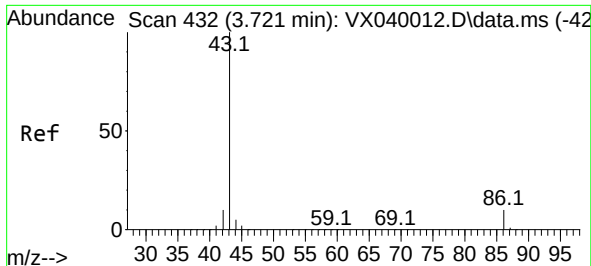


#22
Diisopropyl ether
Concen: 0.871 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35



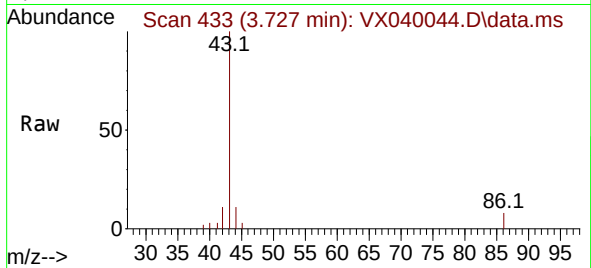
Tgt Ion: 45 Resp: 3195
Ion Ratio Lower Upper
45 100
43 105.1 69.7 104.5
87 25.2 20.8 31.2
59 11.9 9.0 13.4





#23
 Vinyl Acetate
 Concen: 4.062 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX040044.D
 Acq: 31 Jan 2024 13:35

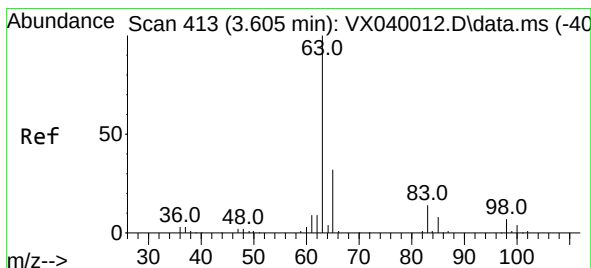
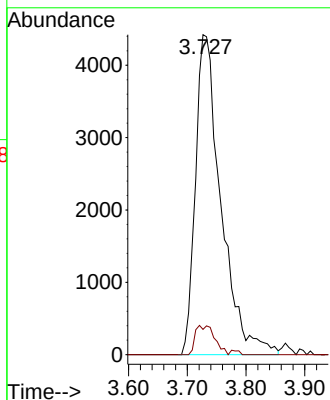
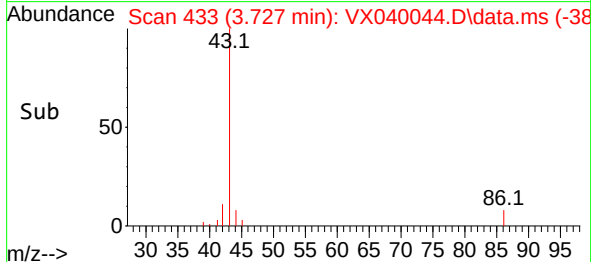
Instrument : MSVOA_X
 ClientSampleId : LOQ-WATER-02-QT1-2024



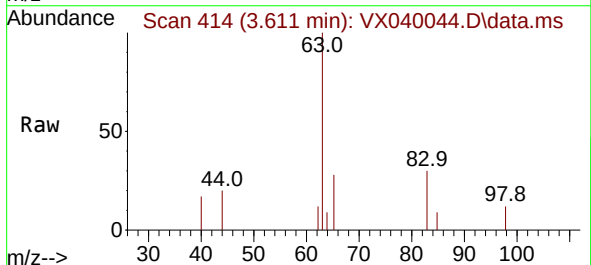
Tgt Ion: 43 Resp: 13336
 Ion Ratio Lower Upper
 43 100
 86 7.9 7.8 11.8

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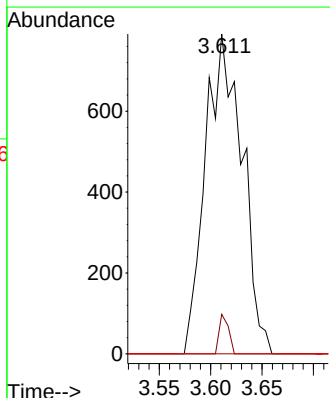
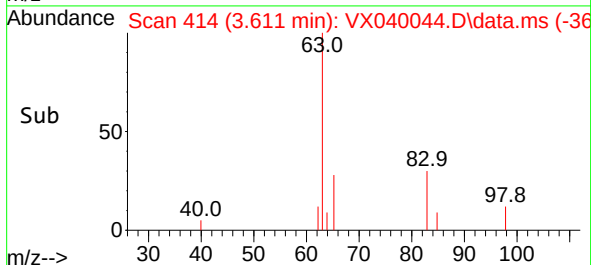
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024

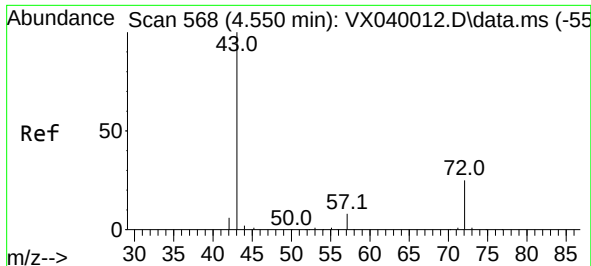


#24
 1,1-Dichloroethane
 Concen: 0.935 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040044.D
 Acq: 31 Jan 2024 13:35



Tgt Ion: 63 Resp: 1964
 Ion Ratio Lower Upper
 63 100
 98 12.4 3.3 9.8#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 4.664 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 456

Ion Ratio Lower Upper

43 100

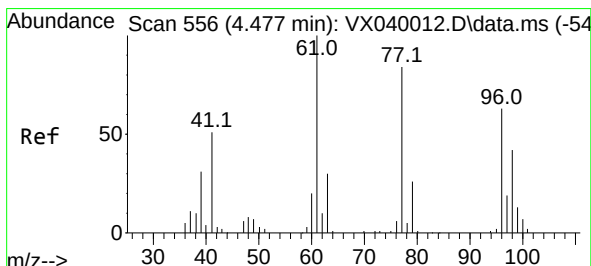
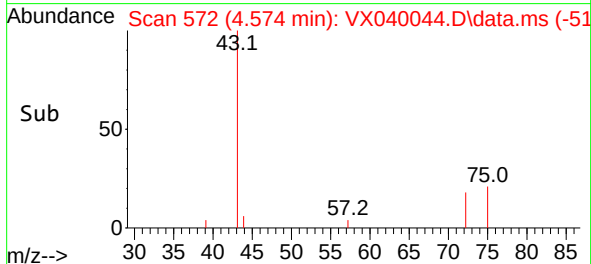
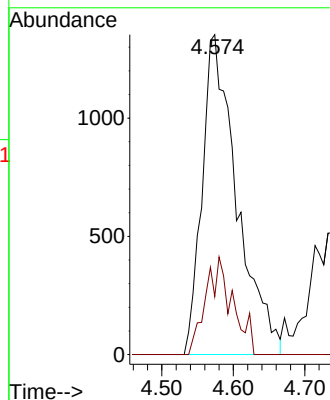
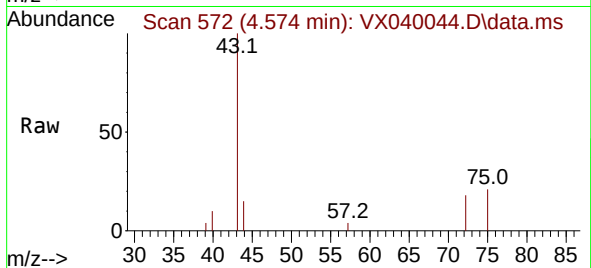
72 18.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#26

2,2-Dichloropropane

Concen: 0.922 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.018 min

Lab File: VX040044.D

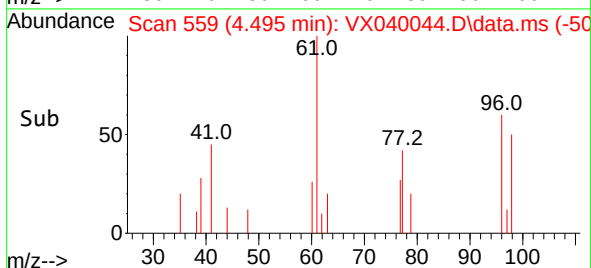
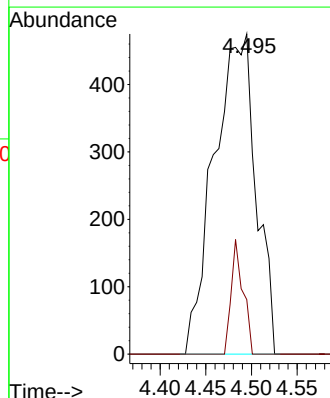
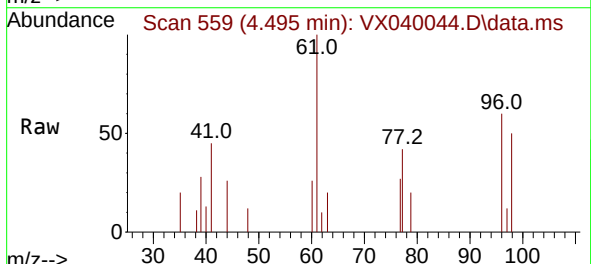
Acq: 31 Jan 2024 13:35

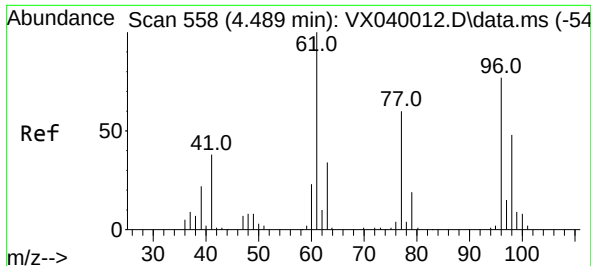
Tgt Ion: 77 Resp: 1511

Ion Ratio Lower Upper

77 100

97 10.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.861 ug/l

RT: 4.501 min Scan# 511

Delta R.T. 0.012 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 96 Resp: 111

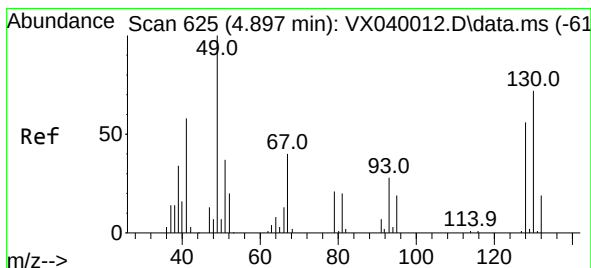
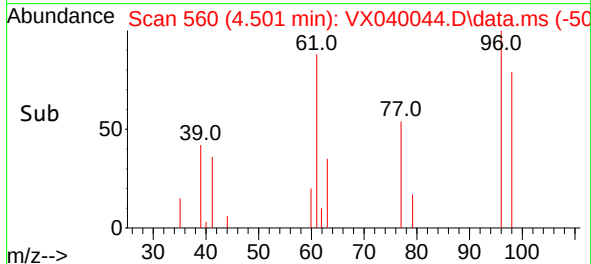
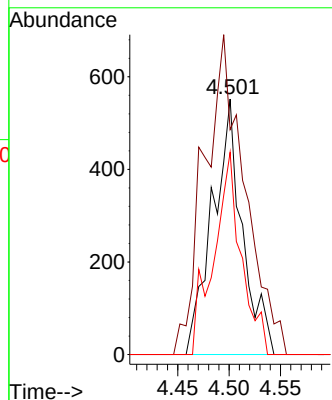
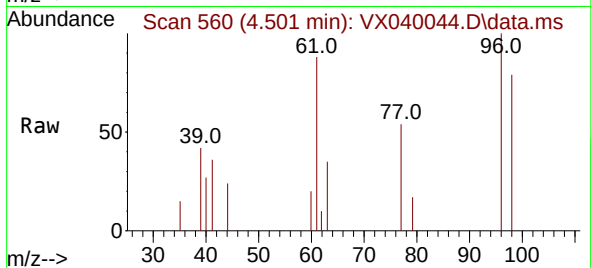
Ion	Ratio	Lower	Upper
96	100		
61	170.1	0.0	312.2
98	73.3	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#28

Bromochloromethane

Concen: 0.904 ug/l m

RT: 4.885 min Scan# 623

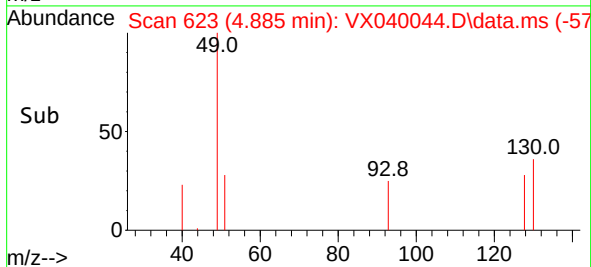
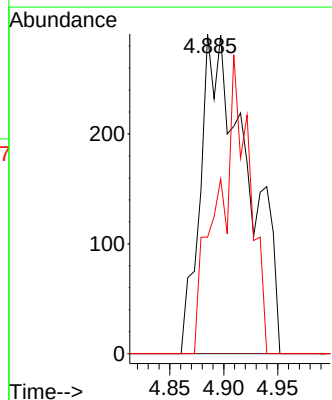
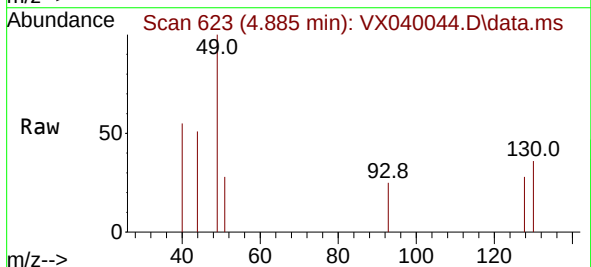
Delta R.T. -0.013 min

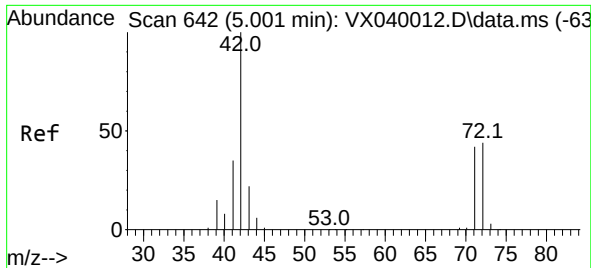
Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Tgt Ion: 49 Resp: 886

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	57.5	86.3





#29

Tetrahydrofuran

Concen: 4.830 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

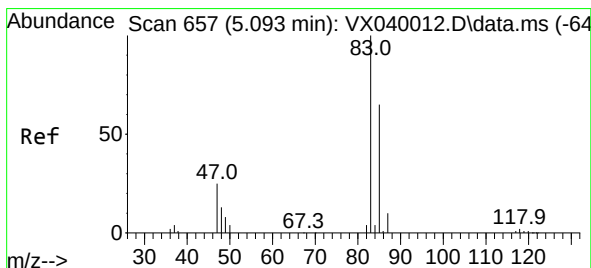
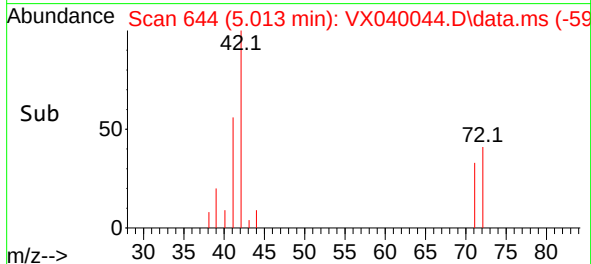
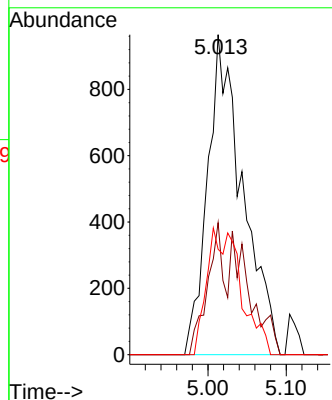
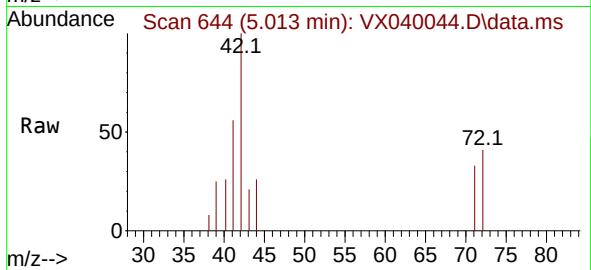
Tgt Ion:	42	Resp:	300
Ion Ratio	Lower	Upper	
42	100		
72	19.8	34.2	51.4
71	18.5	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#30

Chloroform

Concen: 0.893 ug/l

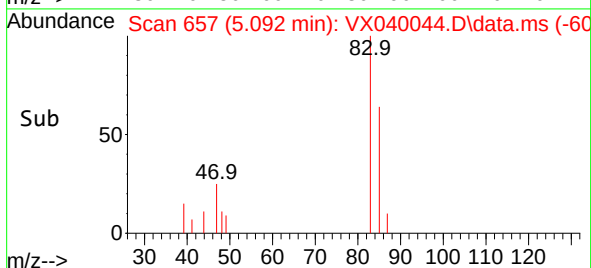
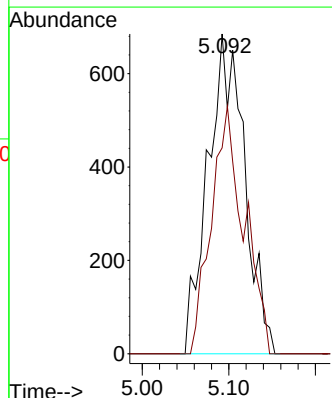
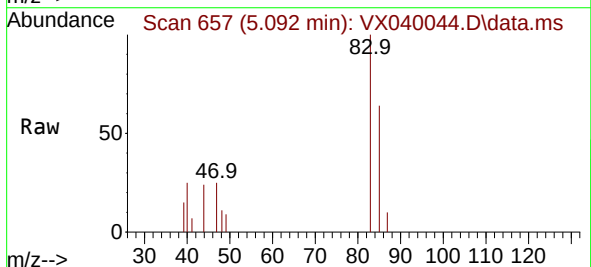
RT: 5.092 min Scan# 657

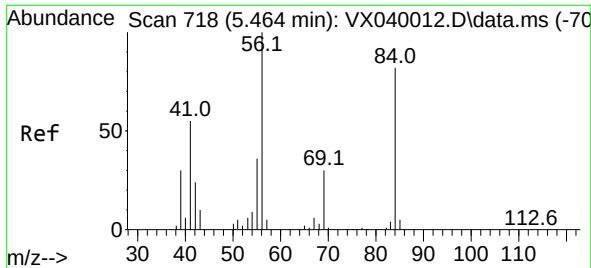
Delta R.T. -0.000 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

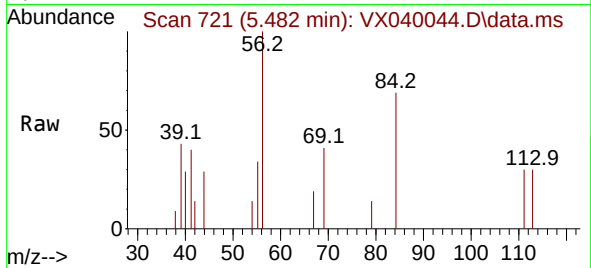
Tgt Ion:	83	Resp:	2014
Ion Ratio	Lower	Upper	
83	100		
85	64.4	50.3	75.5





#31
Cyclohexane
Concen: 0.866 ug/l m
RT: 5.482 min Scan# 718
Delta R.T. 0.018 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

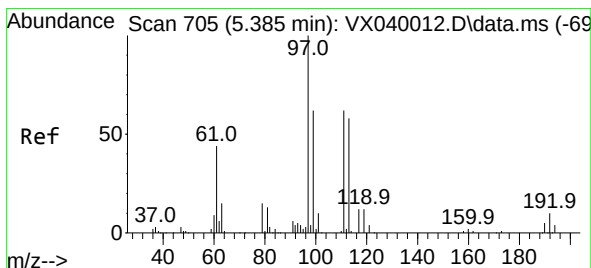
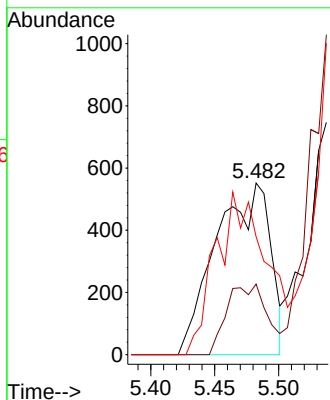
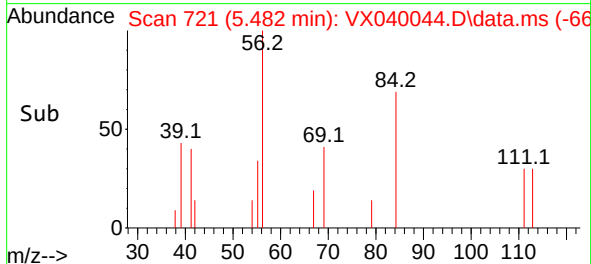
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 56 Resp: 163
Ion Ratio Lower Upper
56 100
69 41.1 23.4 35.2
84 68.7 65.9 98.9

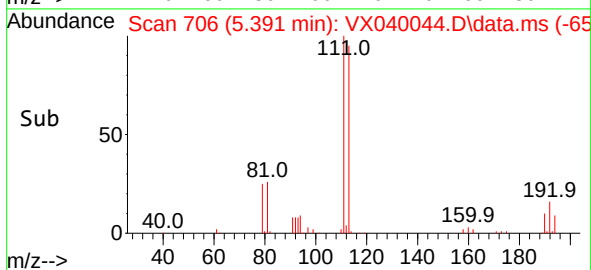
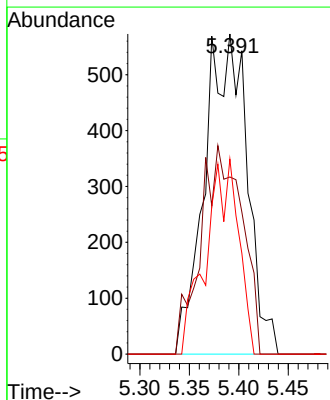
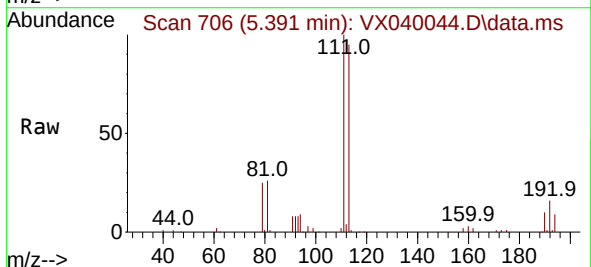
Manual Integrations
APPROVED

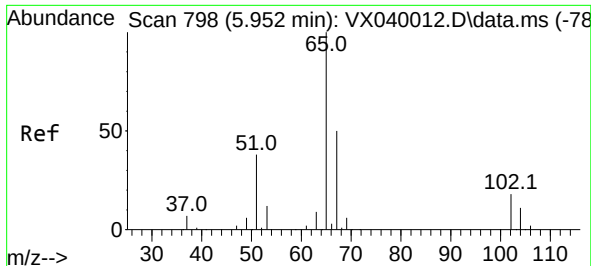
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#32
1,1,1-Trichloroethane
Concen: 0.881 ug/l m
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 97 Resp: 1705
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 47.2 36.4 54.6





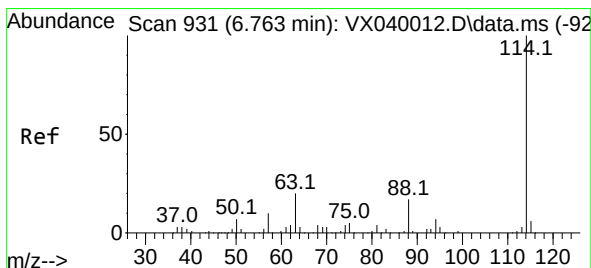
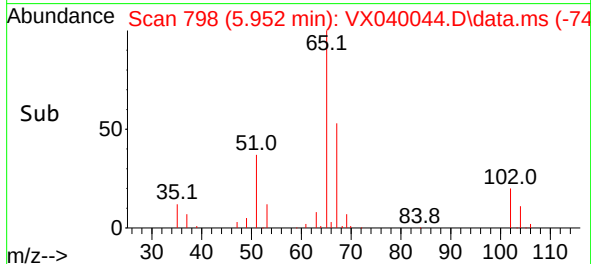
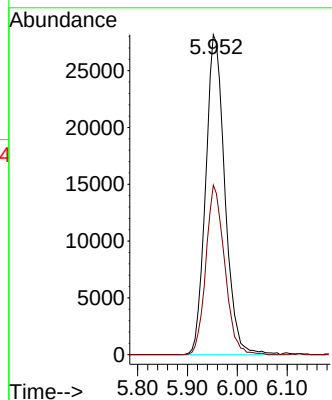
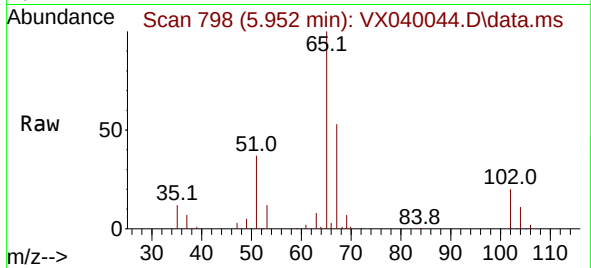
#33
1,2-Dichloroethane-d4
Concen: 50.169 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion: 65 Resp: 7542
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

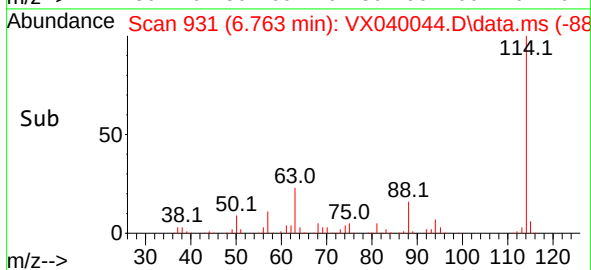
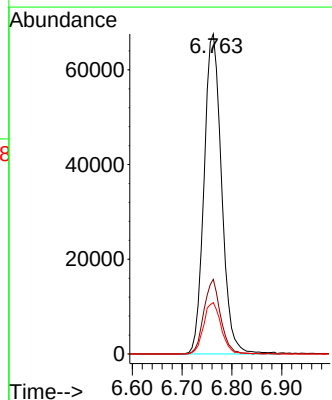
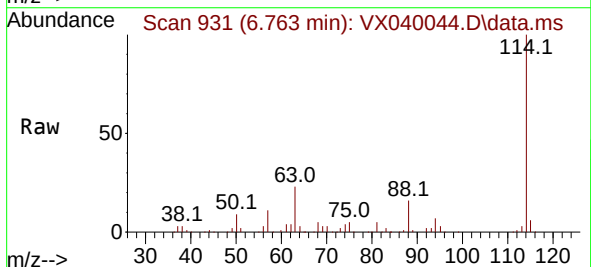
Manual Integrations
APPROVED

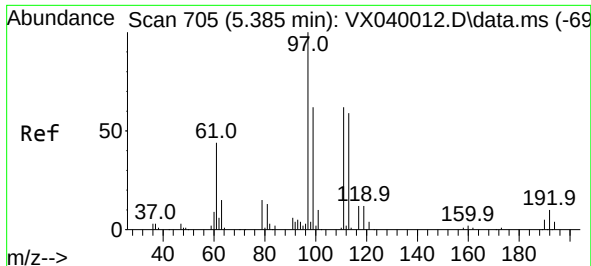
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

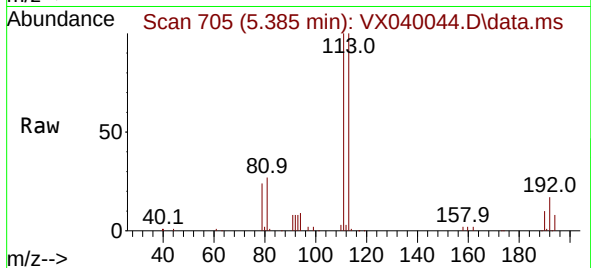
Tgt Ion:114 Resp: 165017
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.464 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

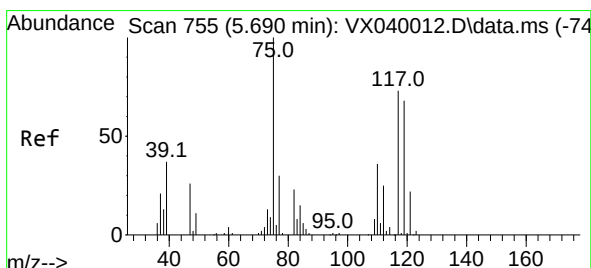
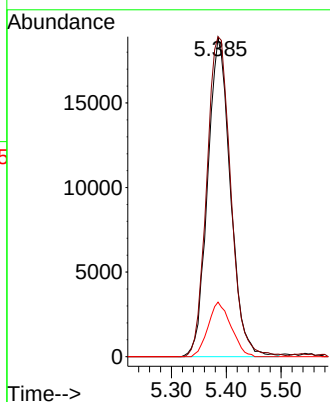
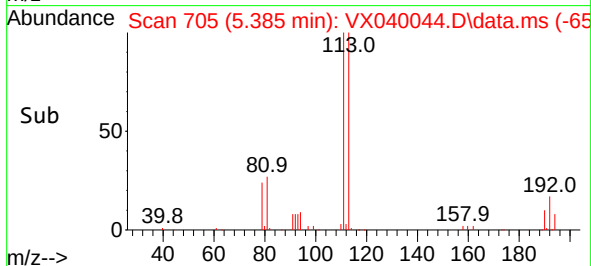
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 113 Resp: 5444
Ion Ratio Lower Upper
113 100
111 105.3 82.9 124.3
192 17.2 13.3 19.9

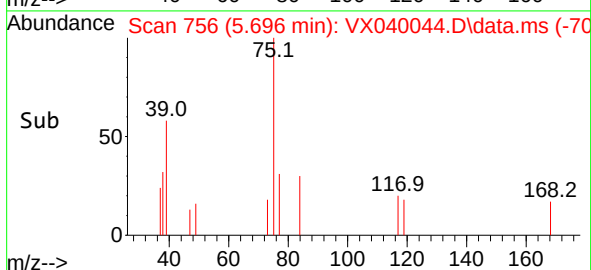
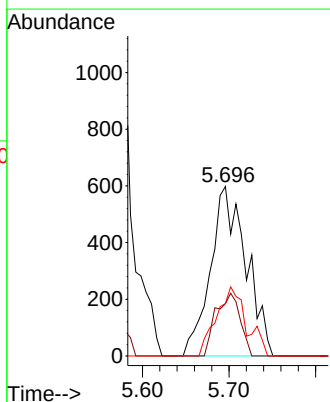
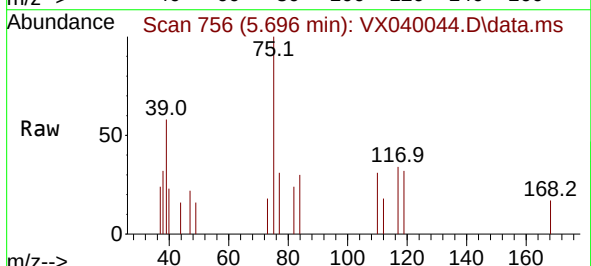
Manual Integrations
APPROVED

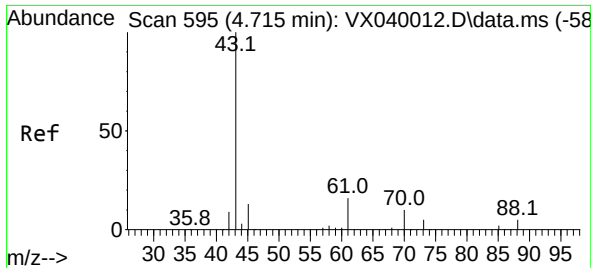
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#36
1,1-Dichloropropene
Concen: 1.051 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

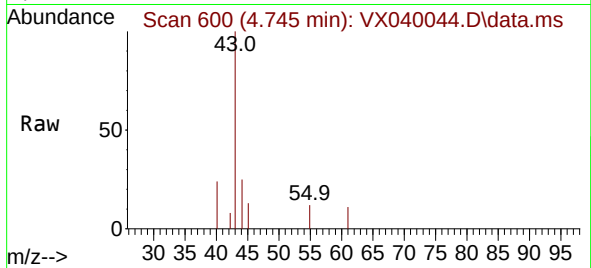
Tgt Ion: 75 Resp: 1708
Ion Ratio Lower Upper
75 100
110 25.2 17.0 50.9
77 34.1 24.7 37.1





#37
Ethyl Acetate
Concen: 1.141 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.030 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

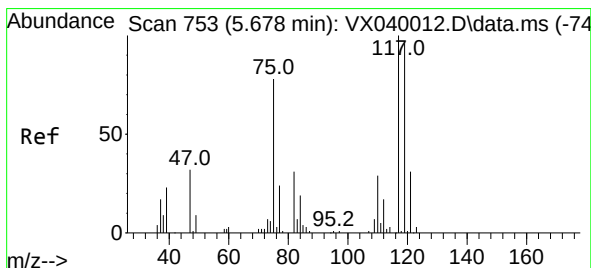
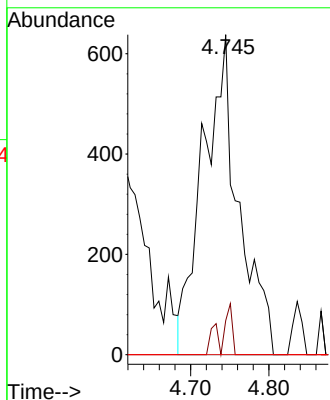
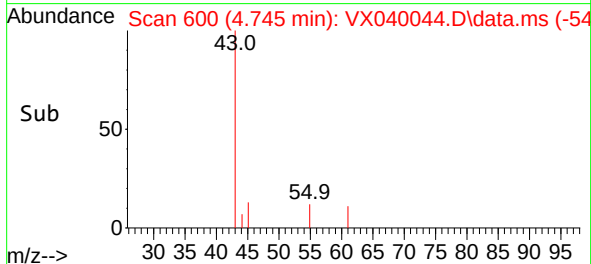
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 2024
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#

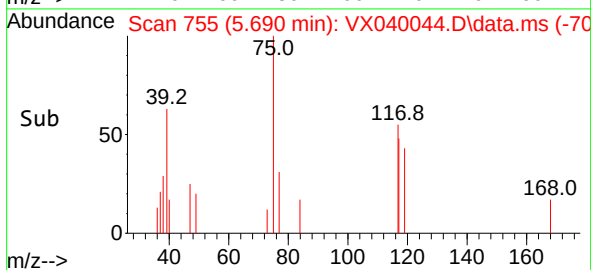
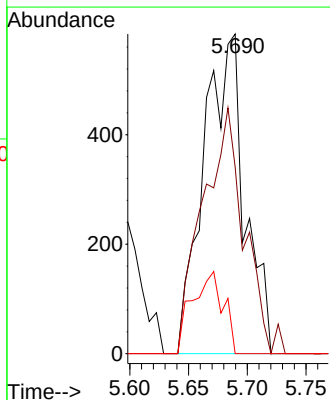
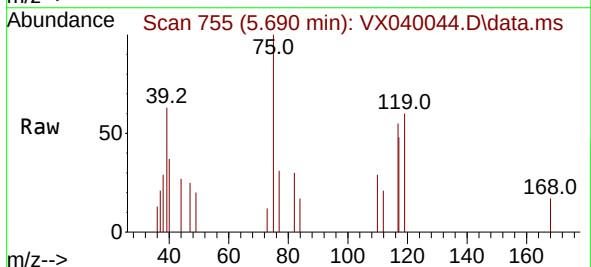
Manual Integrations
APPROVED

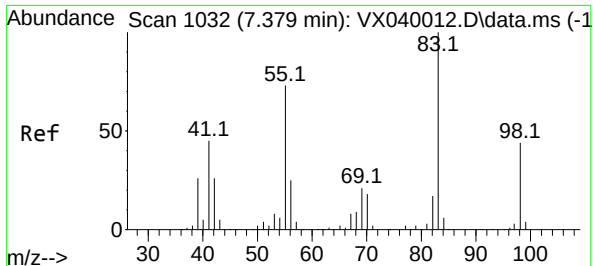
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#38
Carbon Tetrachloride
Concen: 0.912 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.012 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Tgt Ion:117 Resp: 1417
Ion Ratio Lower Upper
117 100
119 58.4 78.2 117.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.857 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

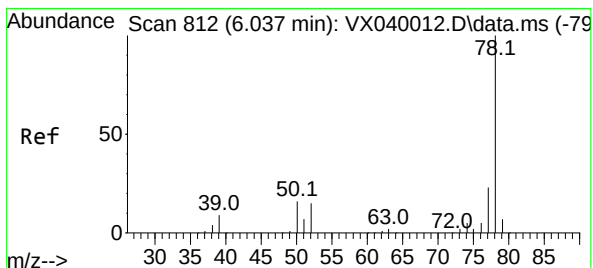
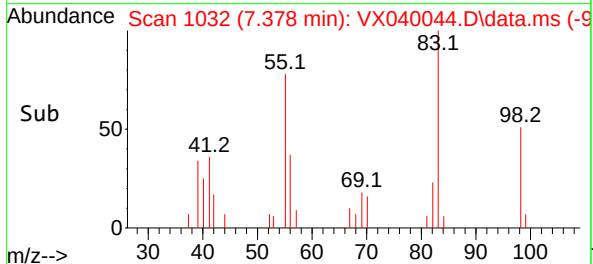
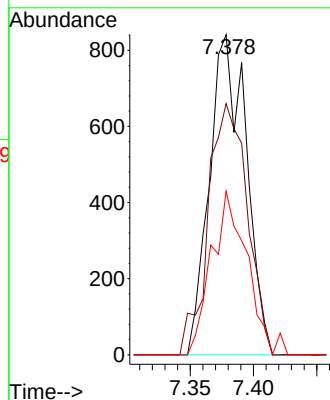
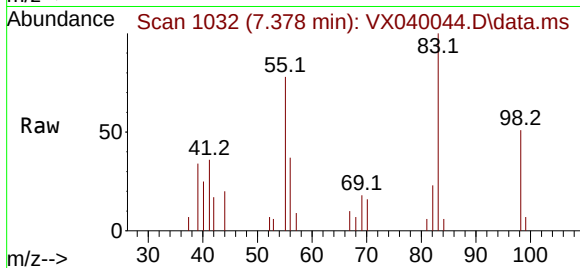
Tgt Ion: 83	Resp: 169
Ion Ratio	Lower Upper
83 100	
55 78.5	64.6 97.0
98 51.1	36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#40

Benzene

Concen: 0.997 ug/l

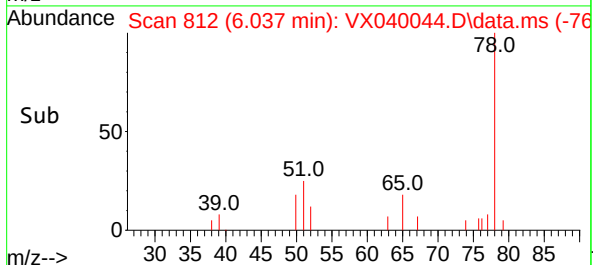
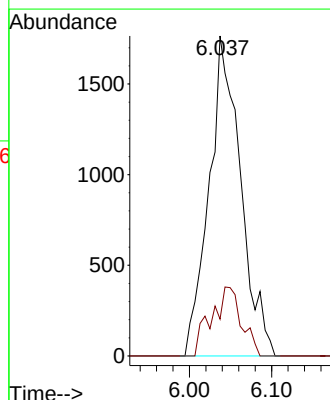
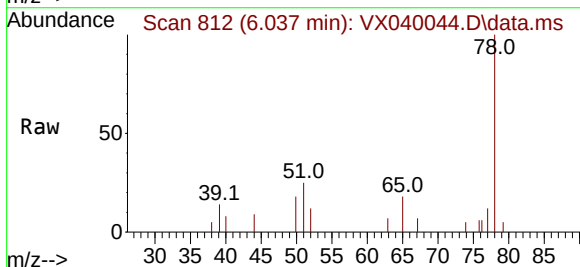
RT: 6.037 min Scan# 812

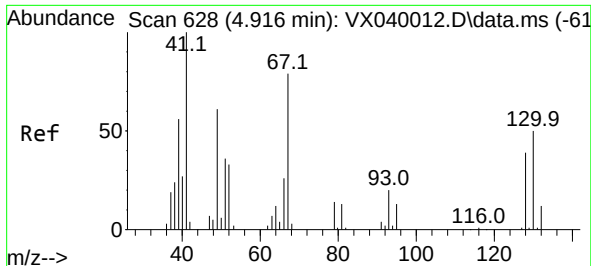
Delta R.T. -0.000 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

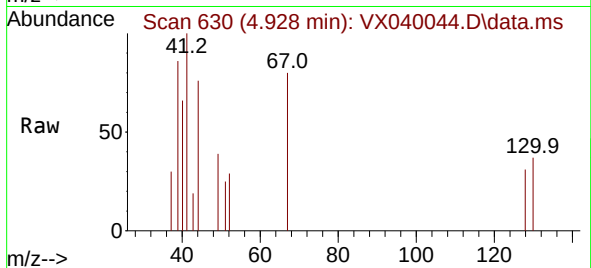
Tgt Ion: 78	Resp: 4717
Ion Ratio	Lower Upper
78 100	
77 11.5	19.3 28.9





#41
Methacrylonitrile
Concen: 0.906 ug/l m
RT: 4.928 min Scan# 611
Delta R.T. 0.012 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

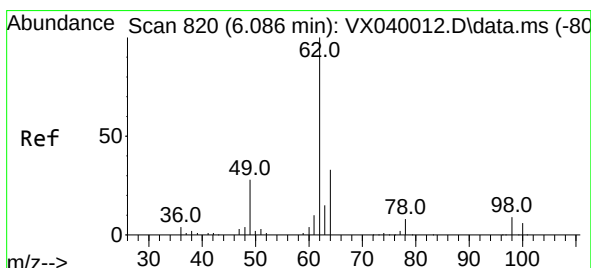
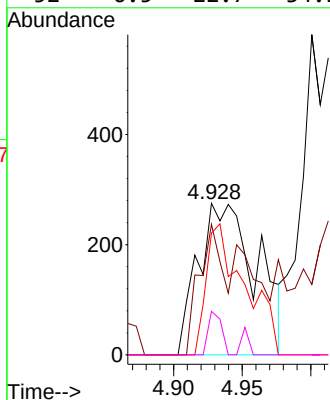
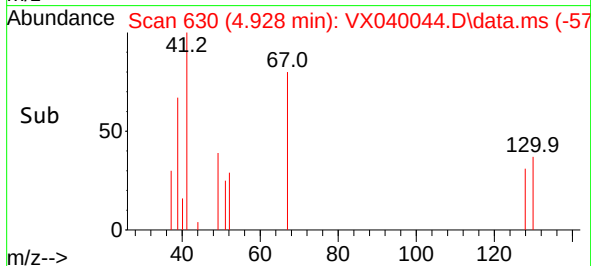
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 41 Resp: 81
Ion Ratio Lower Upper
41 100
39 36.2 45.2 67.8
67 56.8 52.6 78.8
52 6.5 22.7 34.1#

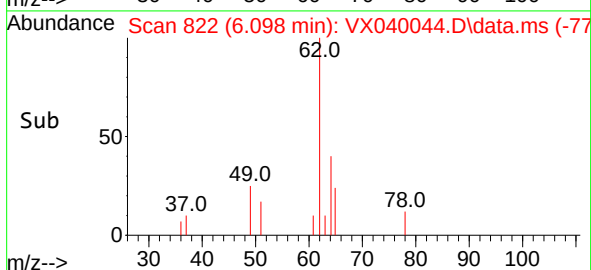
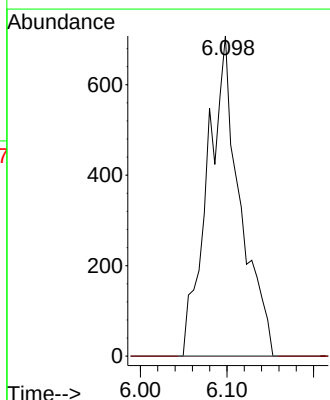
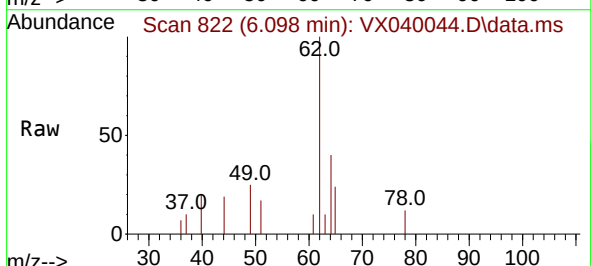
Manual Integrations
APPROVED

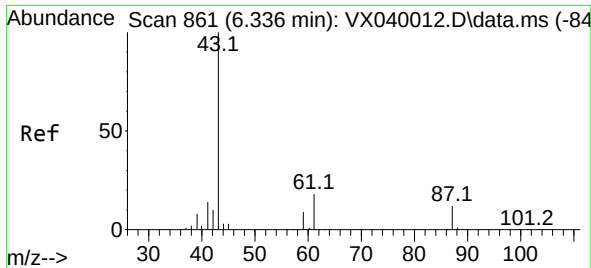
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#42
1,2-Dichloroethane
Concen: 1.011 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.012 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 62 Resp: 1841
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 0.903 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.012 min

Lab File: VX040044.D

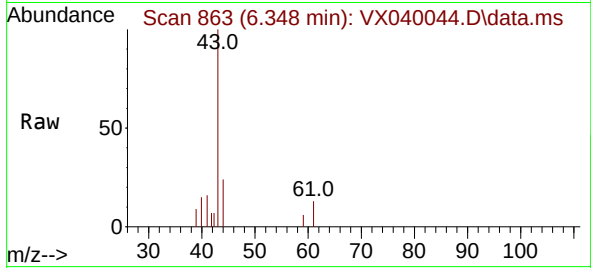
Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024



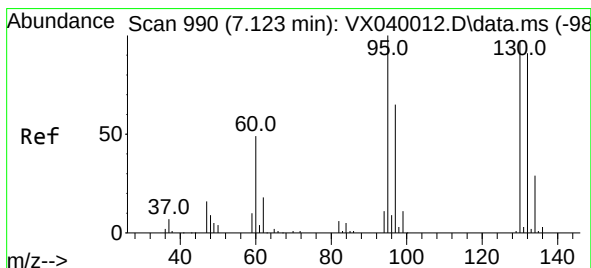
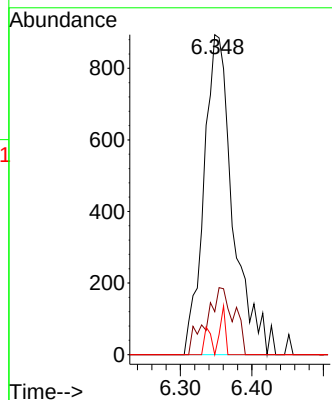
Tgt Ion:	43	Resp:	2520
Ion Ratio	Lower	Upper	
43	100		
61	19.9	15.2	22.8
87	2.8	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#44

Trichloroethene

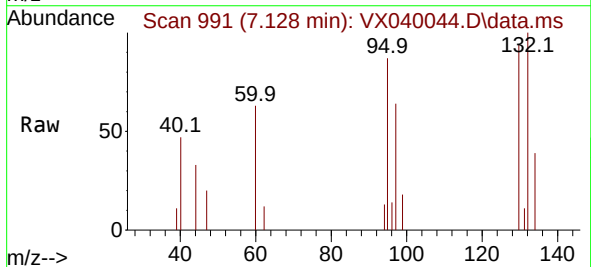
Concen: 0.850 ug/l

RT: 7.128 min Scan# 991

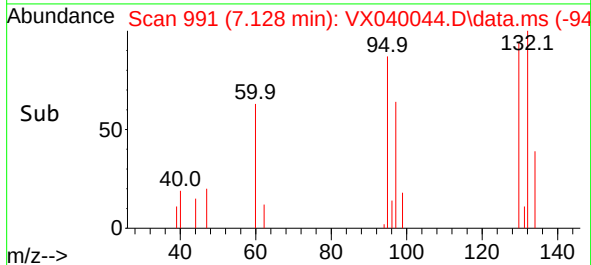
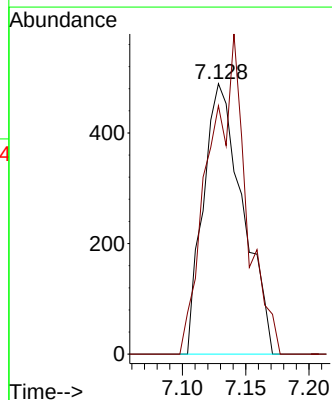
Delta R.T. 0.006 min

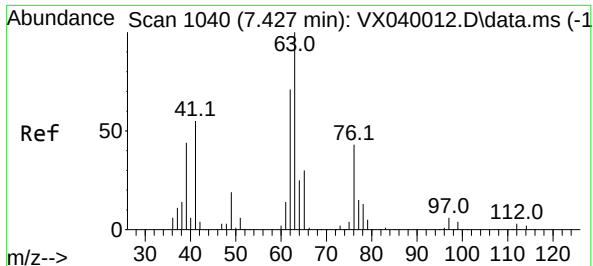
Lab File: VX040044.D

Acq: 31 Jan 2024 13:35



Tgt Ion:	130	Resp:	1059
Ion Ratio	Lower	Upper	
130	100		
95	91.8	0.0	204.4





#45

1,2-Dichloropropane

Concen: 1.027 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 63 Resp: 128

Ion Ratio Lower Upper

63 100

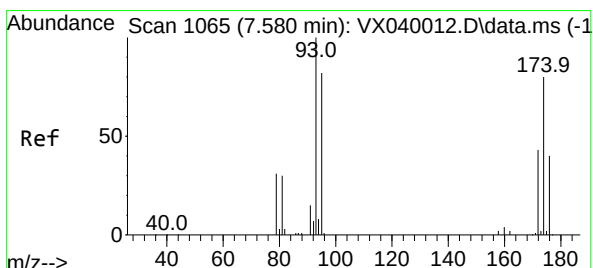
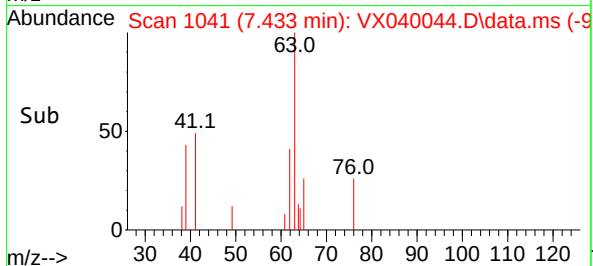
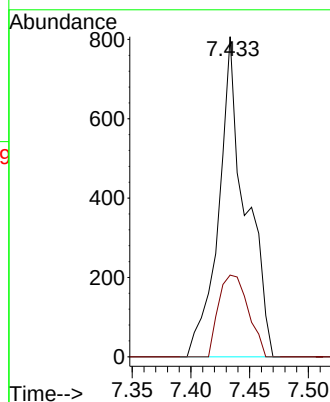
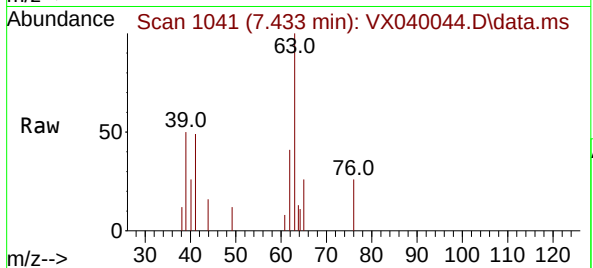
65 25.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#46

Dibromomethane

Concen: 0.794 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

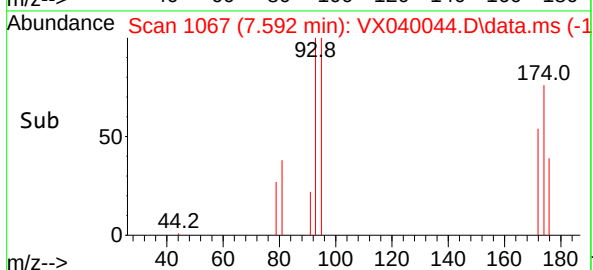
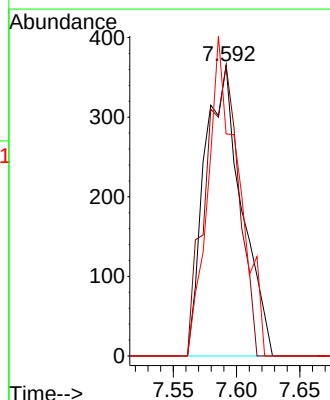
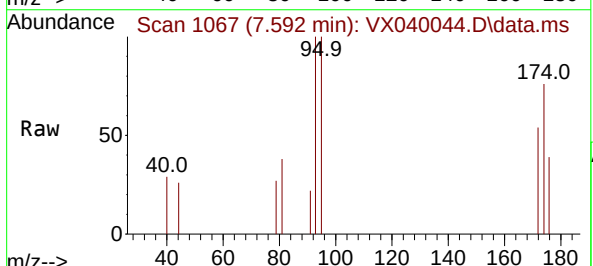
Tgt Ion: 93 Resp: 745

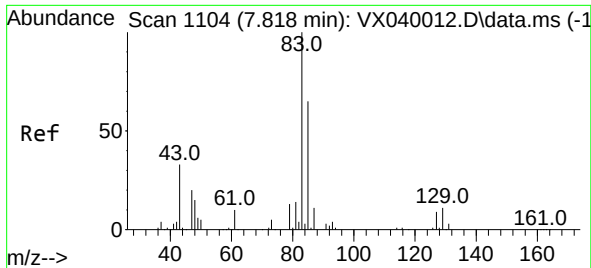
Ion Ratio Lower Upper

93 100

95 89.8 66.6 100.0

174 90.9 69.4 104.0





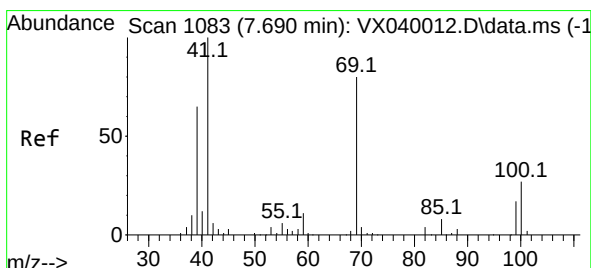
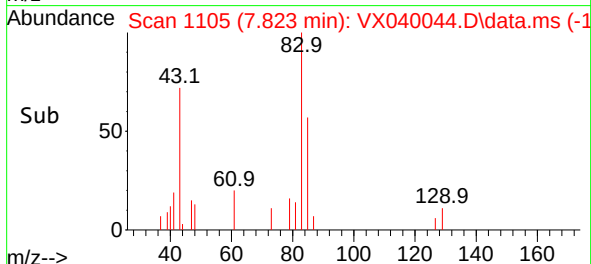
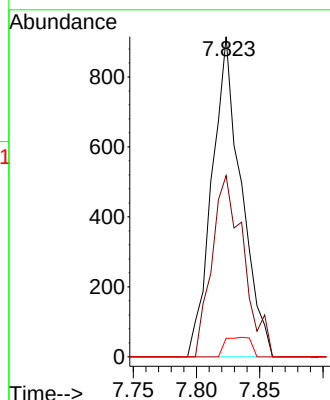
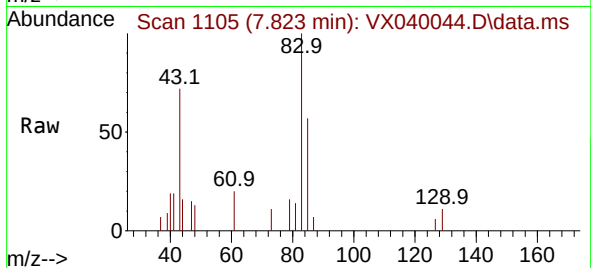
#47
Bromodichloromethane
Concen: 0.881 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion: 83 Resp: 1472
Ion Ratio Lower Upper
83 100
85 56.6 49.8 74.6
127 5.8 7.1 10.7

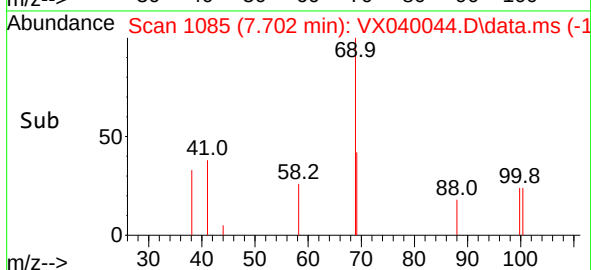
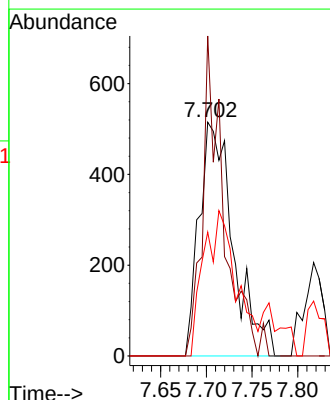
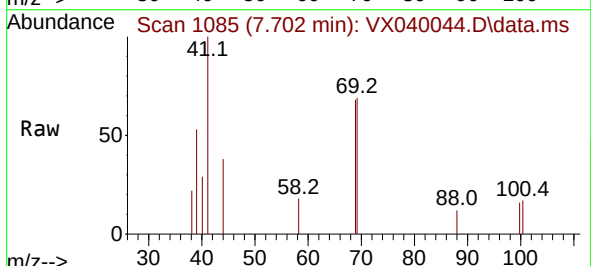
Manual Integrations
APPROVED

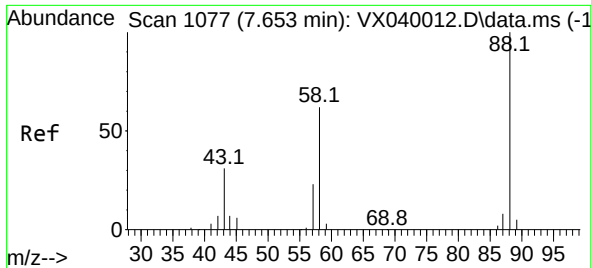
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#48
Methyl methacrylate
Concen: 0.970 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

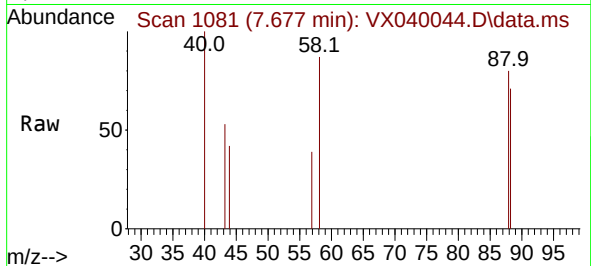
Tgt Ion: 41 Resp: 1337
Ion Ratio Lower Upper
41 100
69 83.0 59.2 88.8
39 59.8 47.7 71.5





#49
1,4-Dioxane
Concen: 15.025 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.024 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

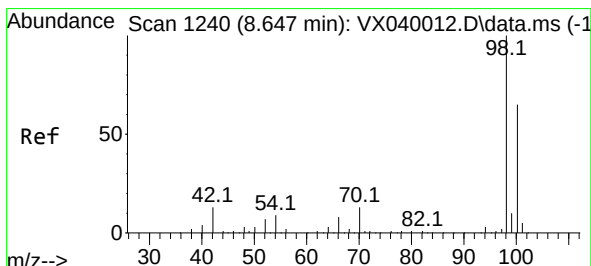
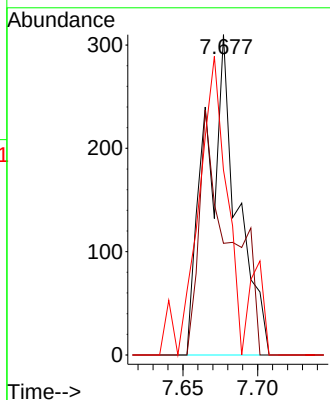
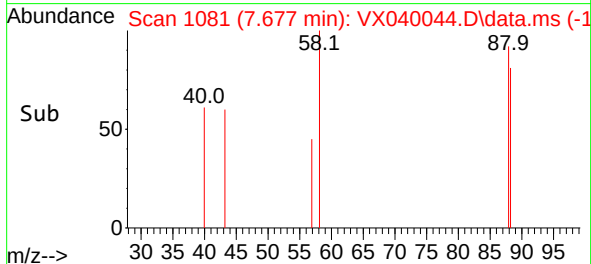
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 88 Resp: 450
Ion Ratio Lower Upper
88 100
43 73.6 0.0 0.0
58 84.4 60.1 90.1

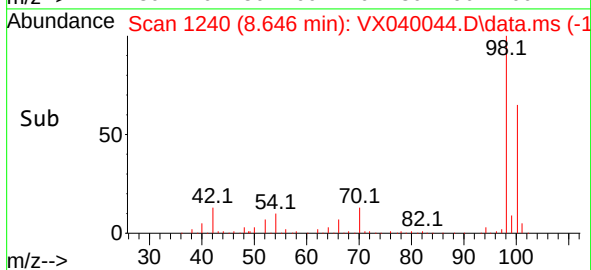
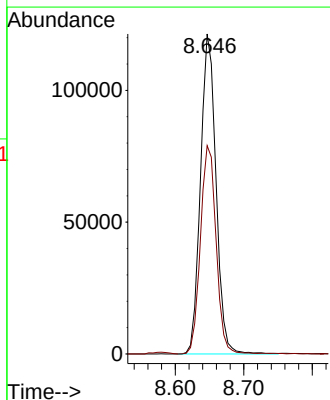
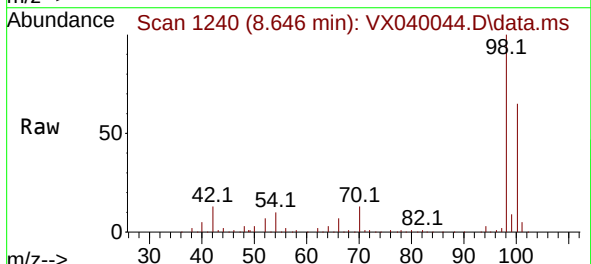
Manual Integrations
APPROVED

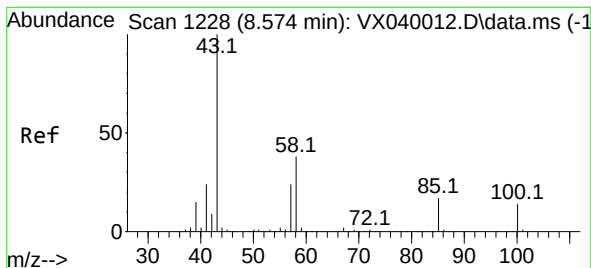
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#50
Toluene-d8
Concen: 45.553 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 98 Resp: 191365
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7





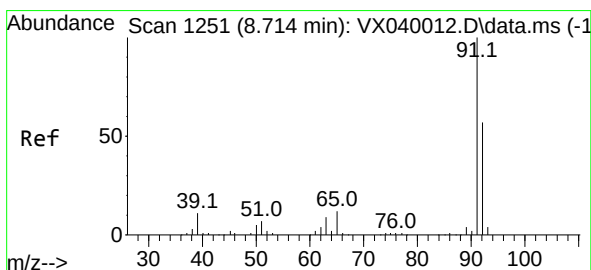
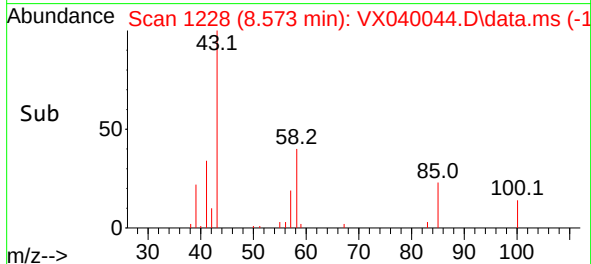
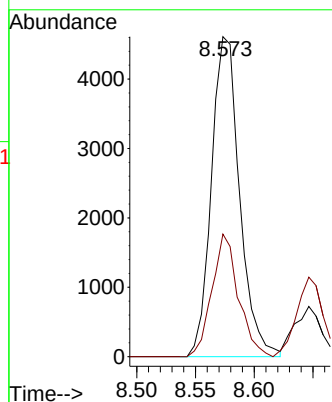
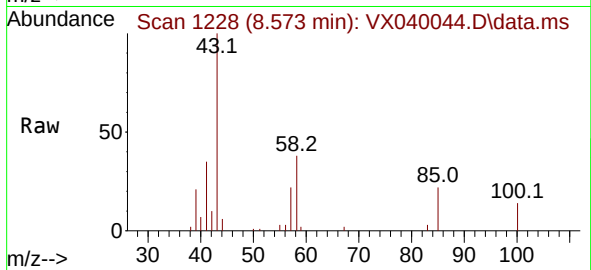
#51
4-Methyl-2-Pentanone
Concen: 4.029 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
58 35.9 30.4 45.6

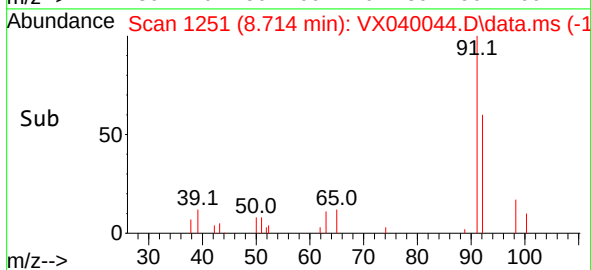
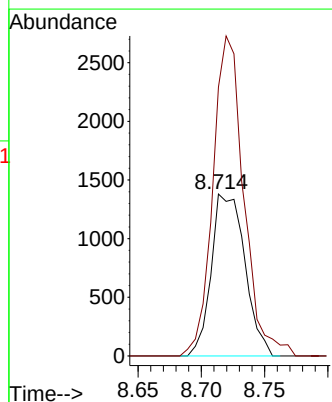
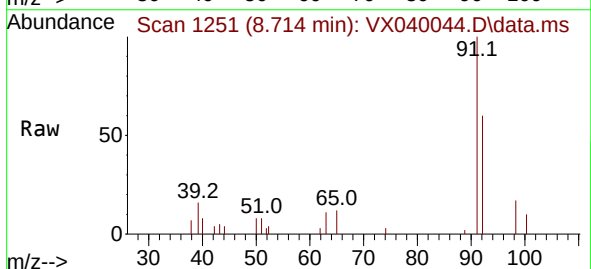
Manual Integrations
APPROVED

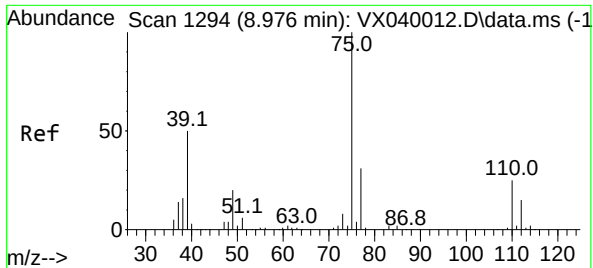
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#52
Toluene
Concen: 0.862 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 92 Resp: 2543
Ion Ratio Lower Upper
92 100
91 182.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.700 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 75 Resp: 121

Ion Ratio Lower Upper

75 100

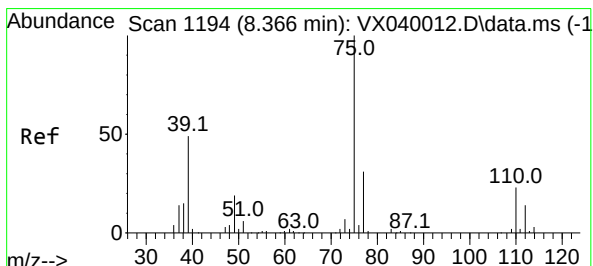
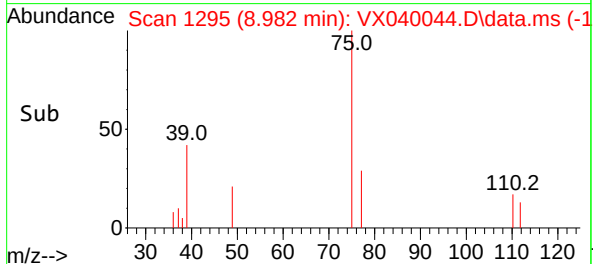
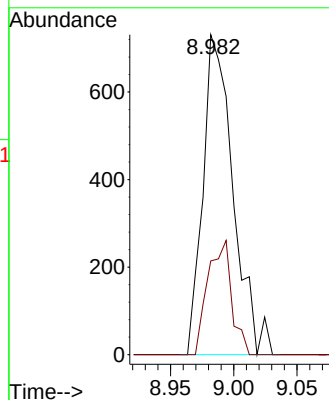
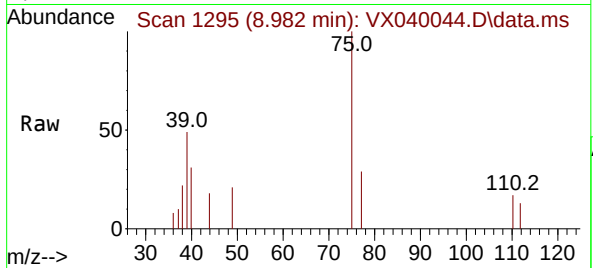
77 29.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#54

cis-1,3-Dichloropropene

Concen: 0.770 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

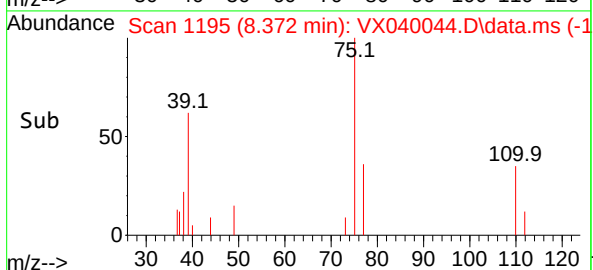
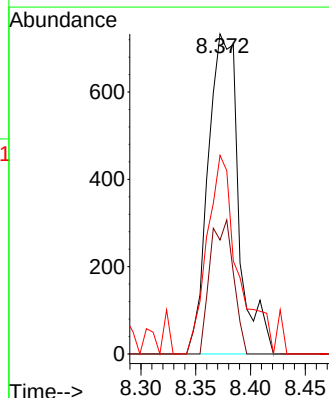
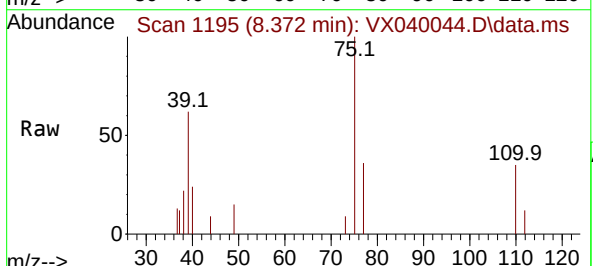
Tgt Ion: 75 Resp: 1424

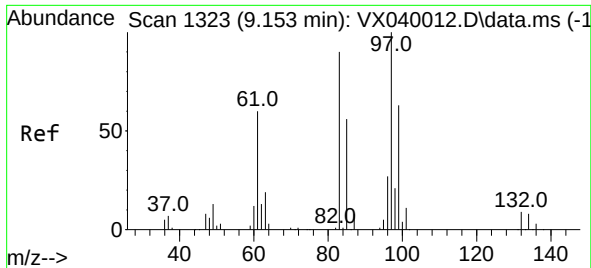
Ion Ratio Lower Upper

75 100

77 35.6 25.3 37.9

39 62.1 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 0.949 ug/l
RT: 9.159 min Scan# 1159
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

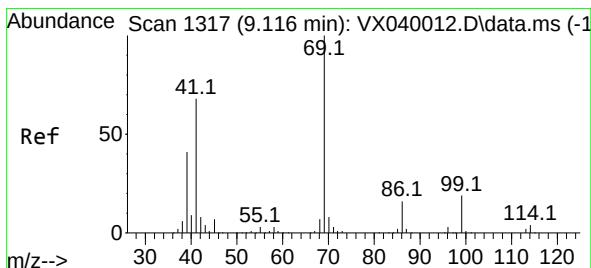
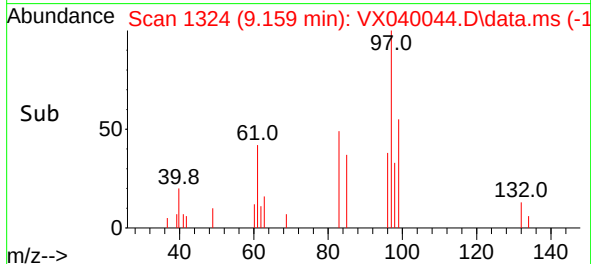
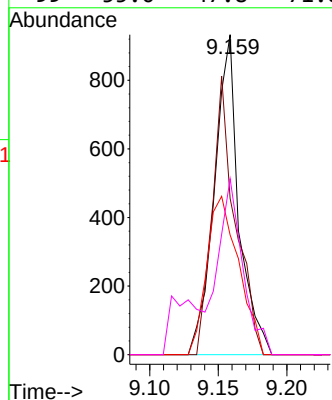
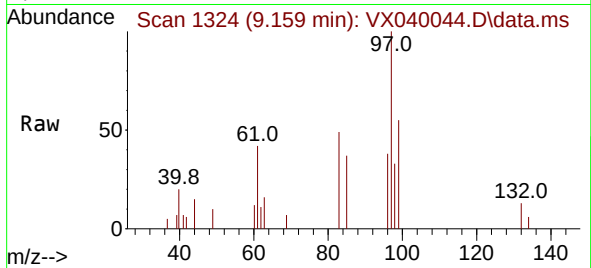
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion: 97 Resp: 1159

Ion	Ratio	Lower	Upper
97	100		
83	48.9	65.8	98.8
85	37.4	41.6	62.4
99	55.0	47.8	71.8

Manual Integrations
APPROVED

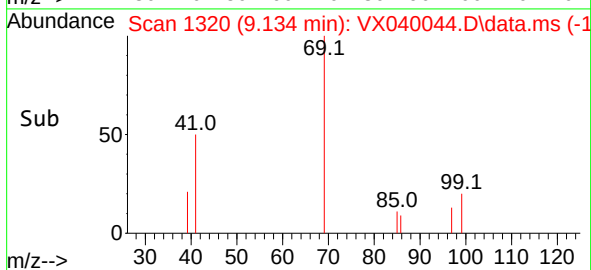
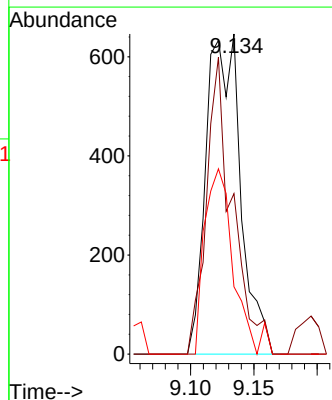
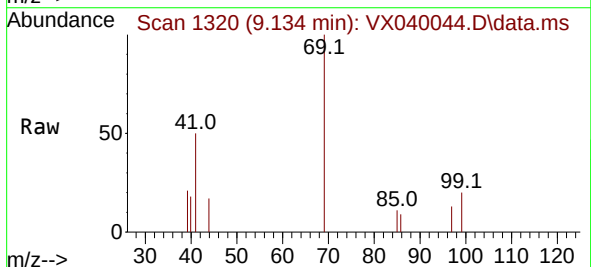
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

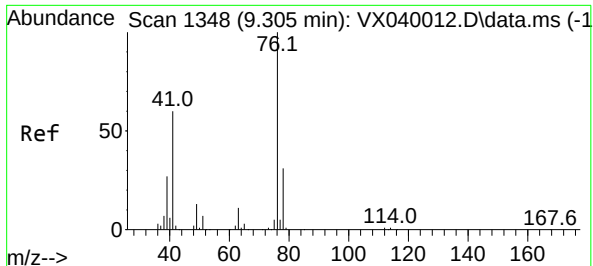


#56
Ethyl methacrylate
Concen: 0.682 ug/l
RT: 9.134 min Scan# 1320
Delta R.T. 0.018 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Tgt Ion: 69 Resp: 1216

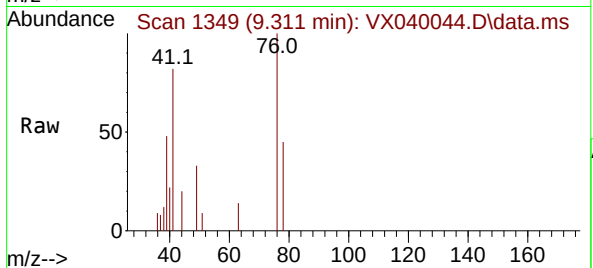
Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.8	85.2
39	47.3	32.0	48.0





#57
1,3-Dichloropropane
Concen: 0.901 ug/l
RT: 9.311 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

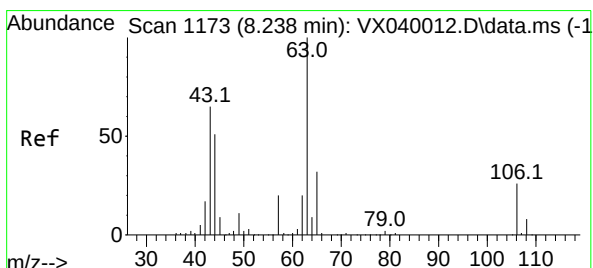
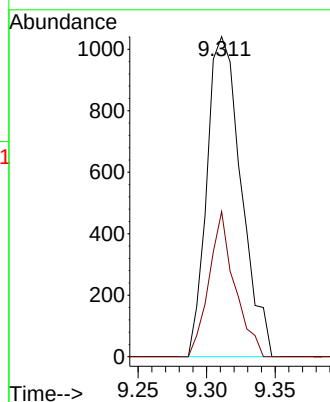
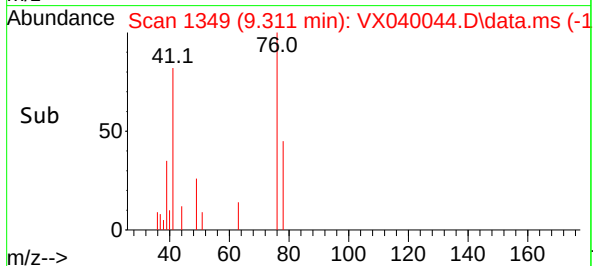
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 76 Resp: 181
Ion Ratio Lower Upper
76 100
78 34.1 26.1 39.1

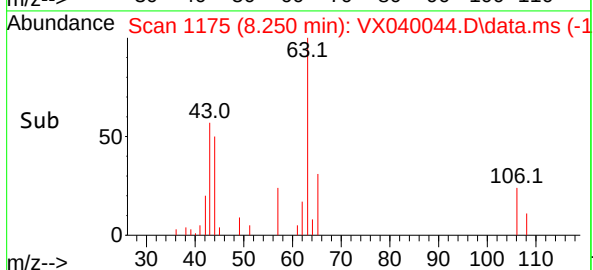
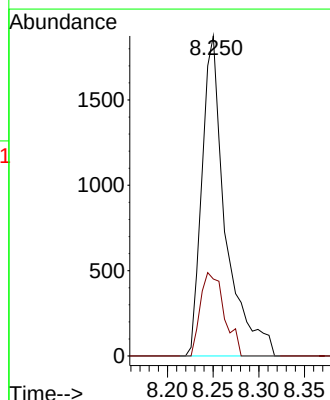
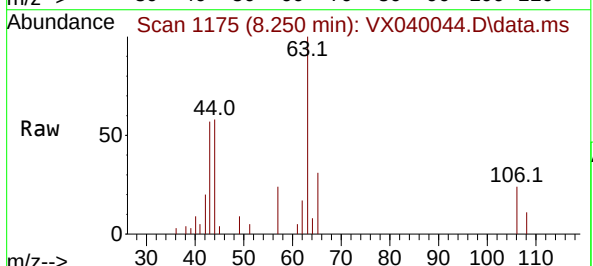
Manual Integrations
APPROVED

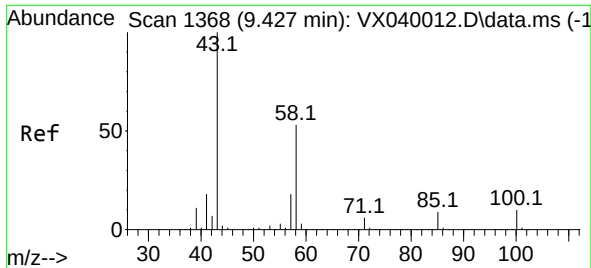
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 3.750 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.012 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

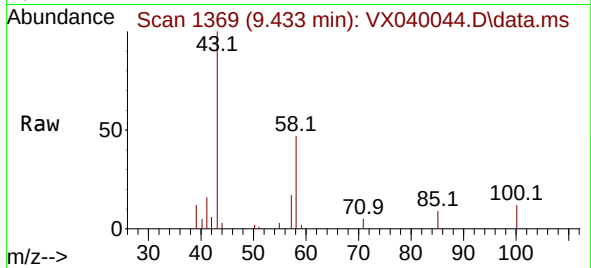
Tgt Ion: 63 Resp: 3362
Ion Ratio Lower Upper
63 100
106 26.4 22.5 33.7





#59
2-Hexanone
Concen: 3.923 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

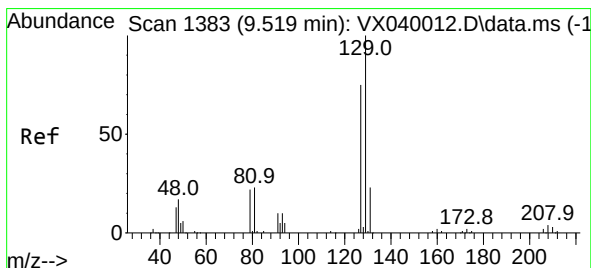
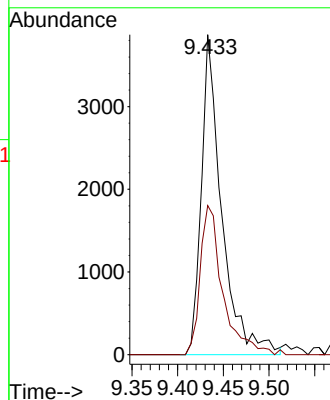
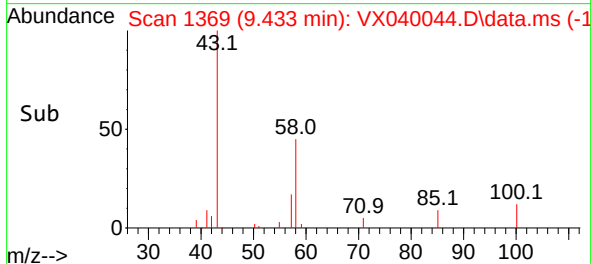
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 43 Resp: 5974
Ion Ratio Lower Upper
43 100
58 51.8 26.2 78.5

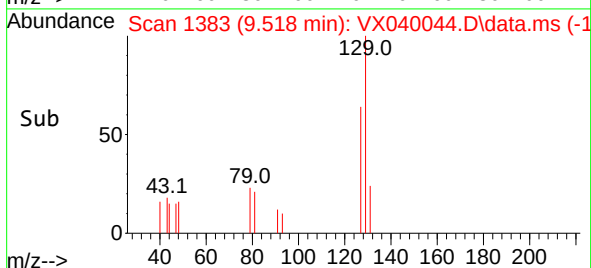
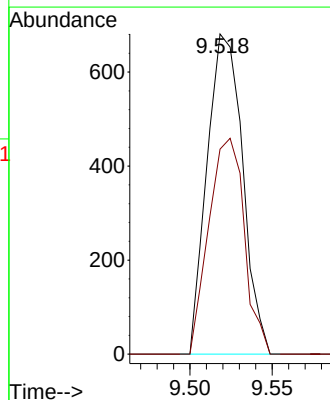
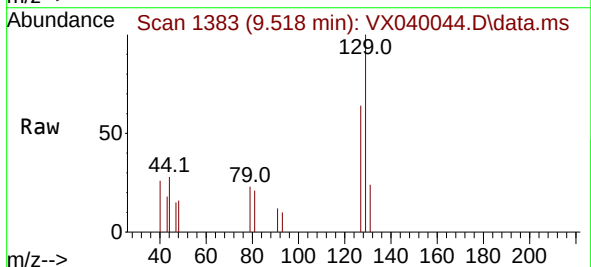
Manual Integrations
APPROVED

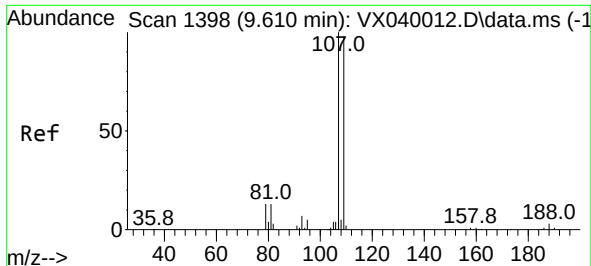
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#60
Dibromochloromethane
Concen: 0.833 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

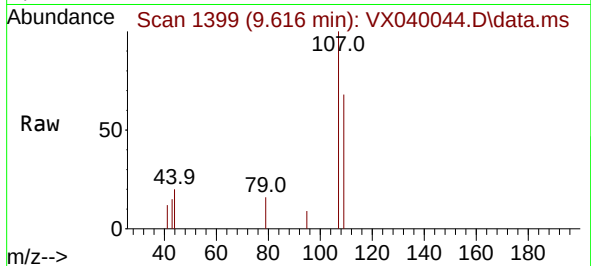
Tgt Ion:129 Resp: 1022
Ion Ratio Lower Upper
129 100
127 67.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.851 ug/l
RT: 9.616 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

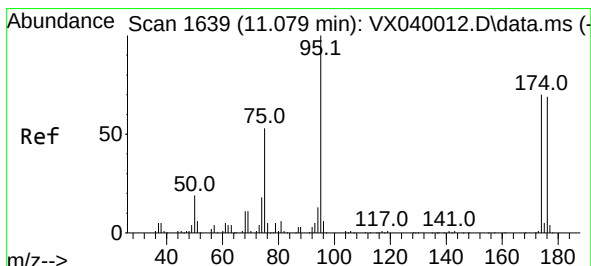
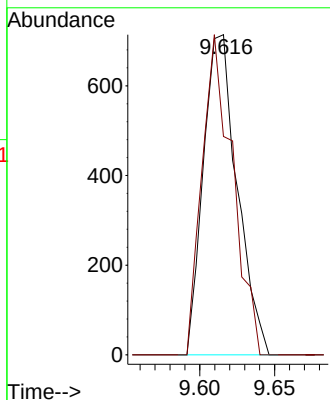
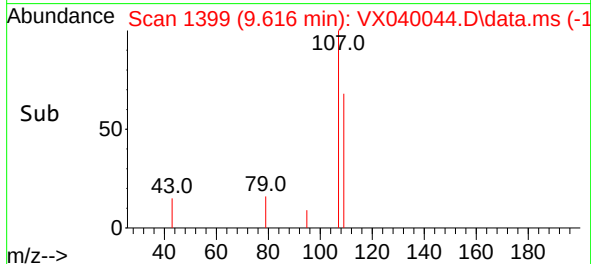
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion:107 Resp: 1123
Ion Ratio Lower Upper
107 100
109 89.9 75.2 112.8

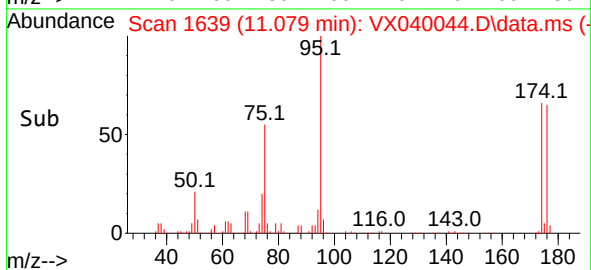
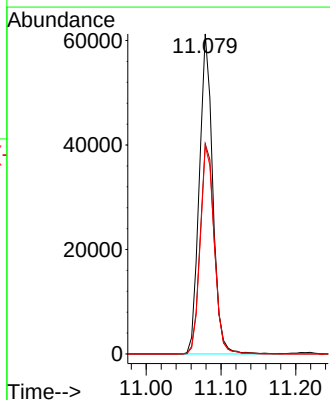
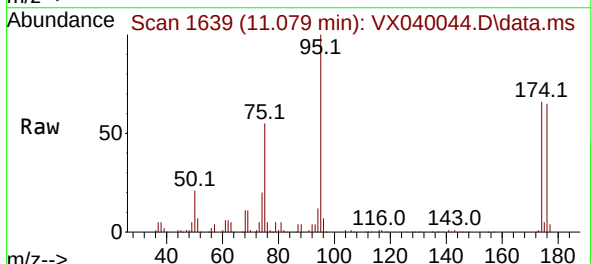
Manual Integrations
APPROVED

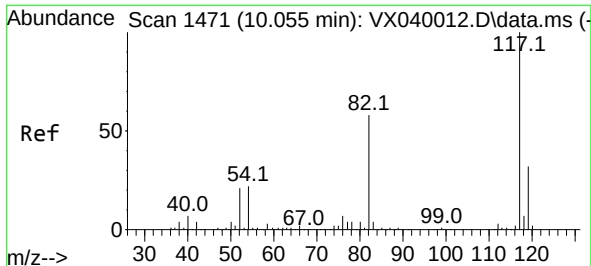
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#62
4-Bromofluorobenzene
Concen: 47.107 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

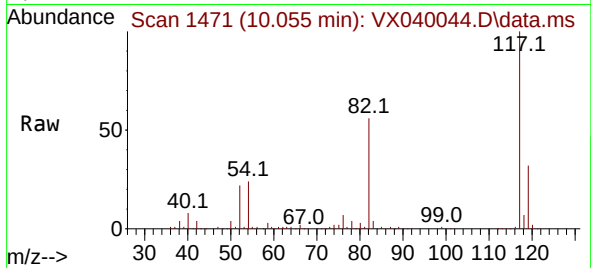
Tgt Ion: 95 Resp: 76199
Ion Ratio Lower Upper
95 100
174 69.7 0.0 135.6
176 68.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

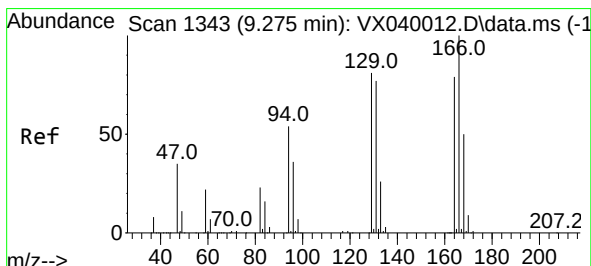
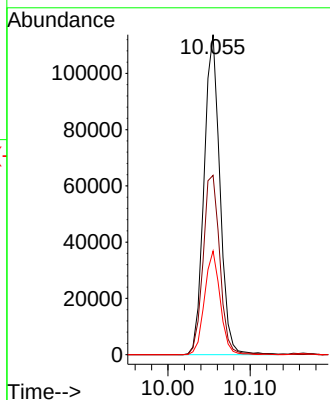
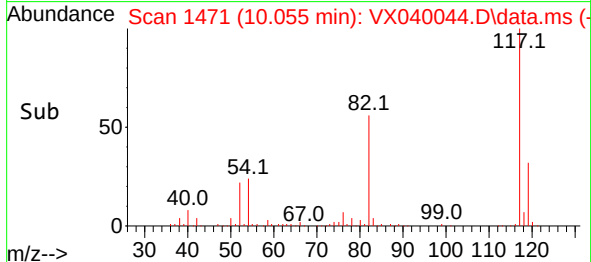
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



Tgt Ion:117 Resp: 152589
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.4 25.5 38.3

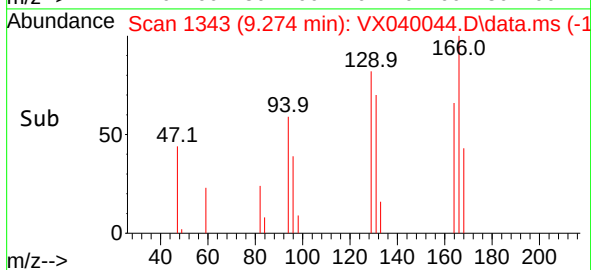
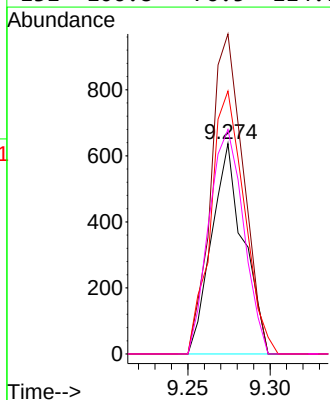
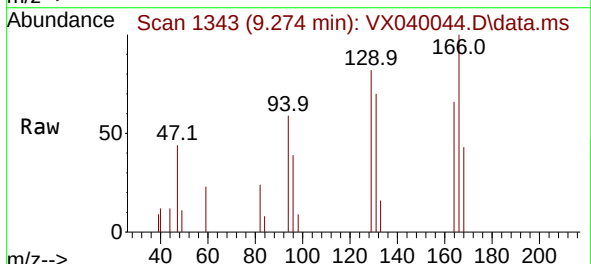
Manual Integrations
APPROVED

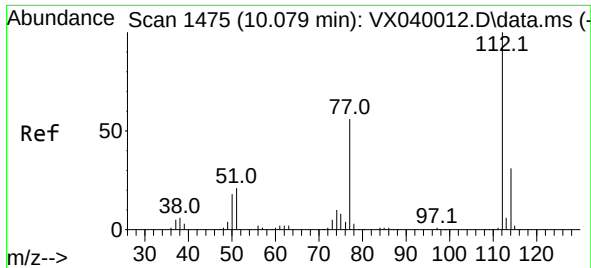
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#64
Tetrachloroethene
Concen: 0.864 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Tgt Ion:164 Resp: 858
Ion Ratio Lower Upper
164 100
166 152.1 102.7 154.1
129 125.0 80.4 120.6#
131 106.8 76.5 114.7





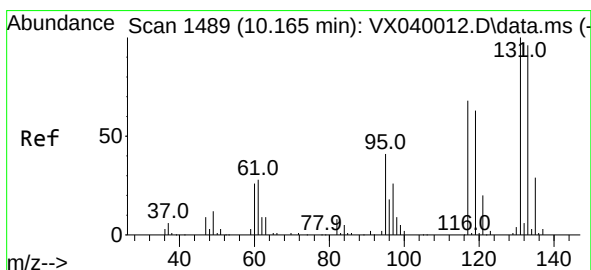
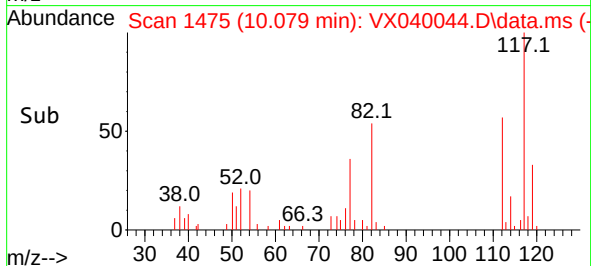
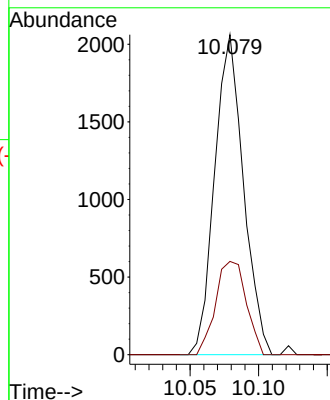
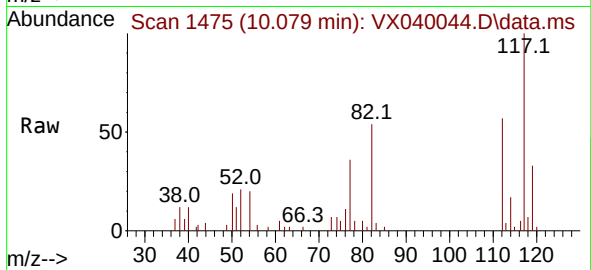
#65
Chlorobenzene
Concen: 0.954 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion:112 Resp: 3010
Ion Ratio Lower Upper
112 100
114 29.1 25.7 38.5

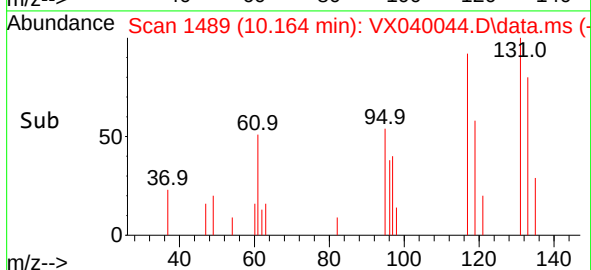
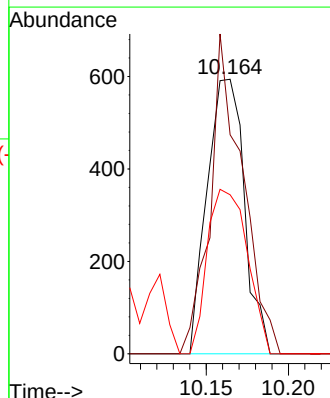
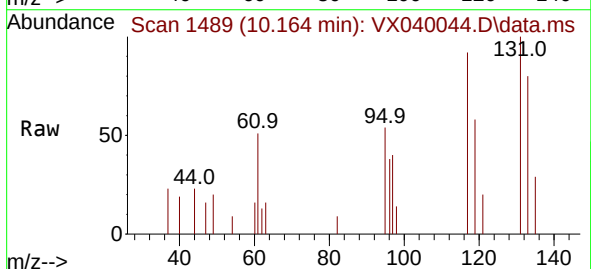
Manual Integrations
APPROVED

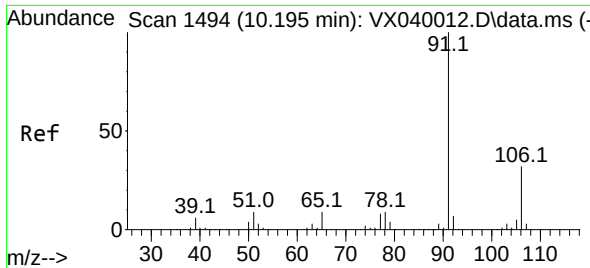
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 0.877 ug/l
RT: 10.164 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Tgt Ion:131 Resp: 934
Ion Ratio Lower Upper
131 100
133 101.1 47.1 141.4
119 0.0 32.2 96.6#





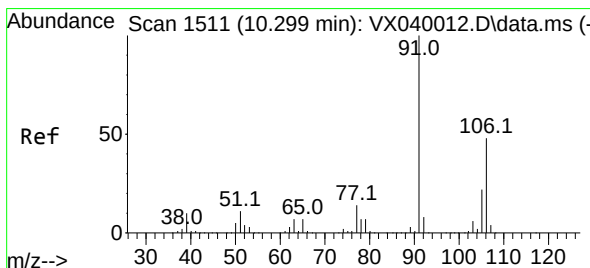
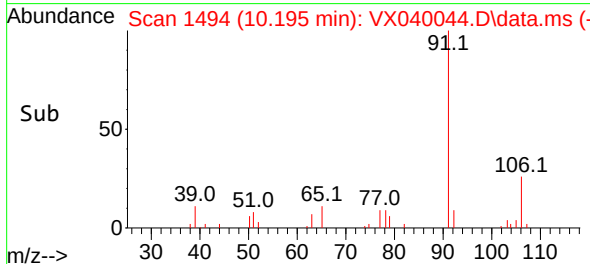
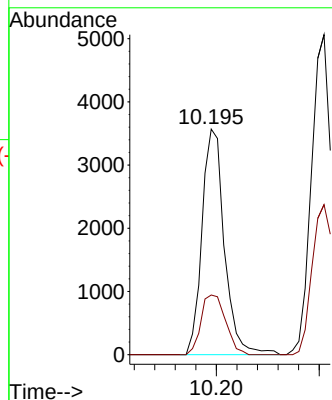
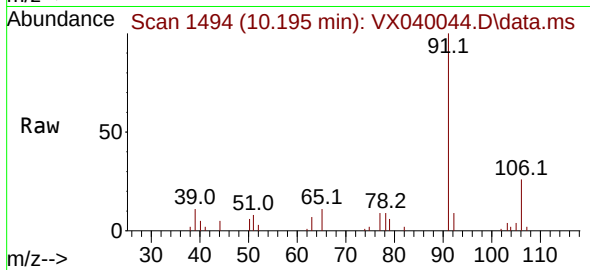
#67
Ethyl Benzene
Concen: 0.956 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion: 91 Resp: 5409
Ion Ratio Lower Upper
91 100
106 26.4 24.9 37.3

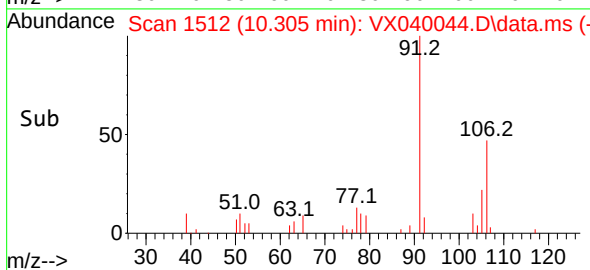
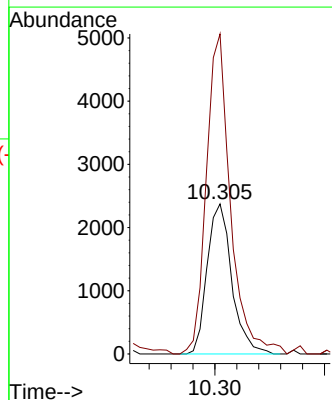
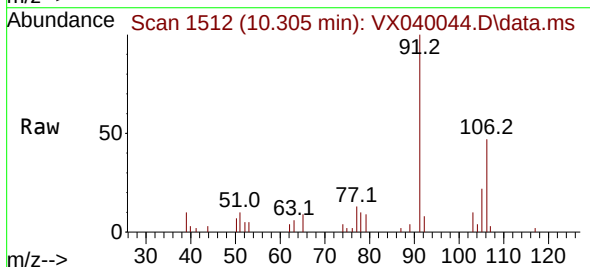
Manual Integrations
APPROVED

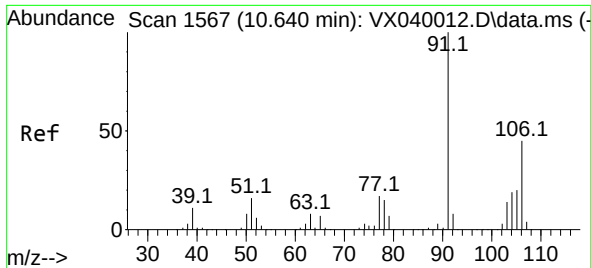
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#68
m/p-Xylenes
Concen: 1.742 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Tgt Ion:106 Resp: 3708
Ion Ratio Lower Upper
106 100
91 208.6 165.5 248.3





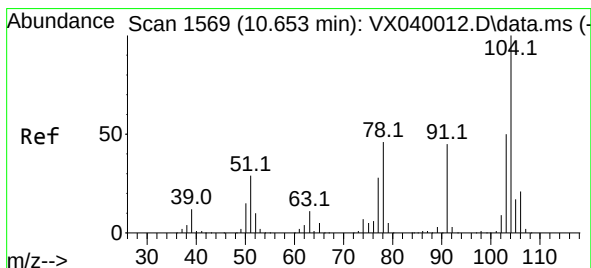
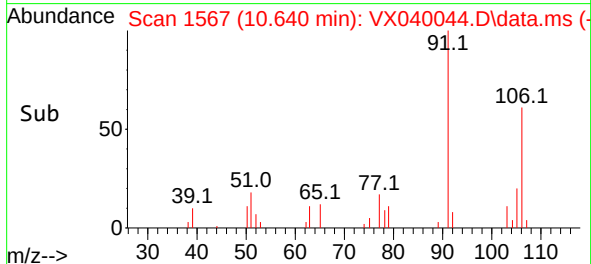
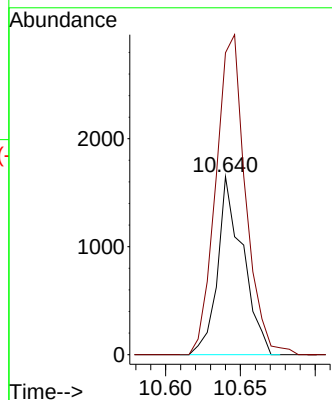
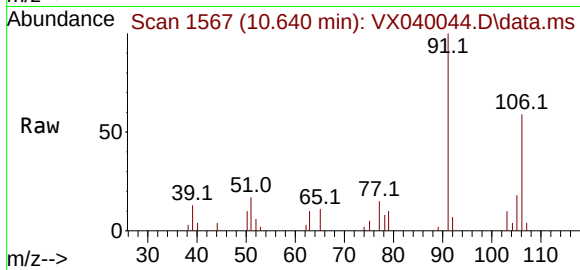
#69
o-Xylene
Concen: 0.958 ug/l
RT: 10.640 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024

Tgt Ion:106 Resp: 1934
Ion Ratio Lower Upper
106 100
91 211.7 108.9 326.8

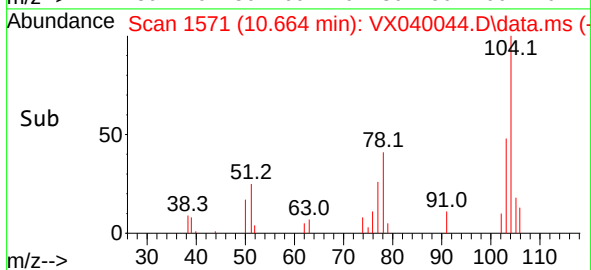
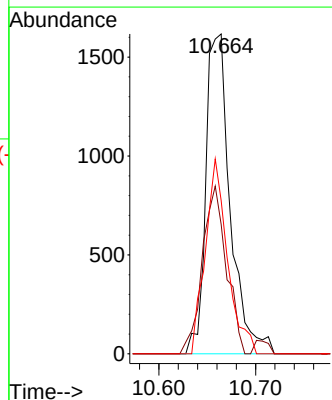
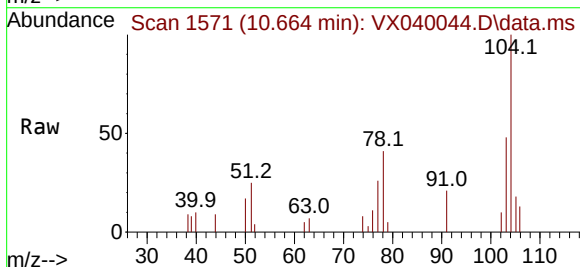
Manual Integrations
APPROVED

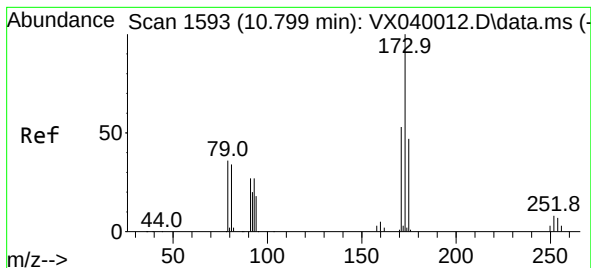
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#70
Styrene
Concen: 0.836 ug/l
RT: 10.664 min Scan# 1571
Delta R.T. 0.011 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

Tgt Ion:104 Resp: 2847
Ion Ratio Lower Upper
104 100
78 51.7 43.6 65.4
103 55.4 43.6 65.4





#71

Bromoform

Concen: 0.764 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

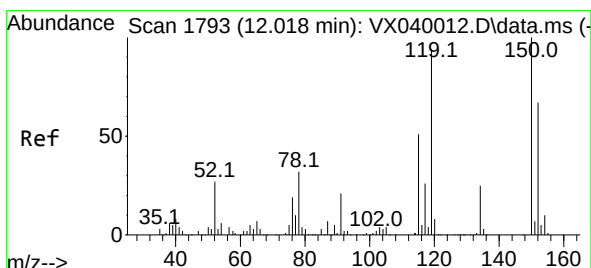
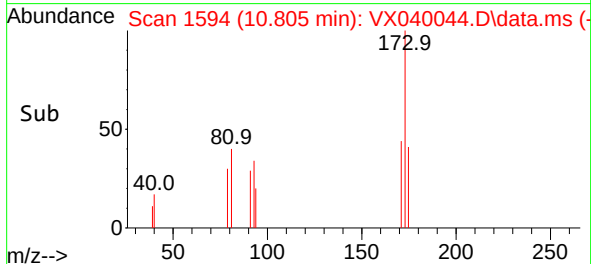
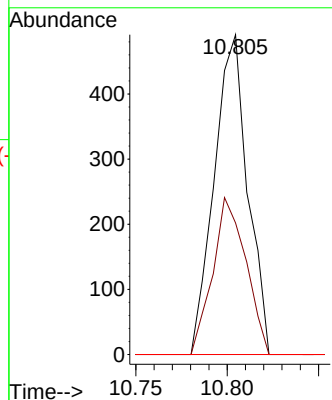
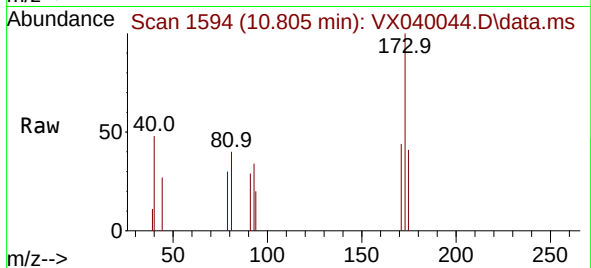
Tgt Ion:173	Resp:	62
Ion Ratio	Lower	Upper
173	100	
175	48.8	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

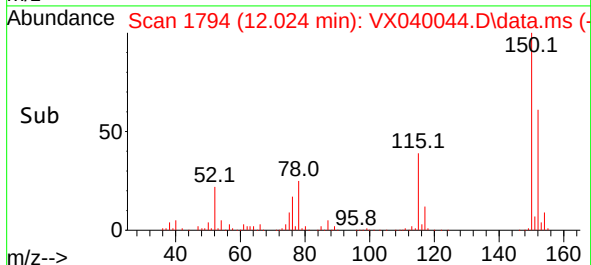
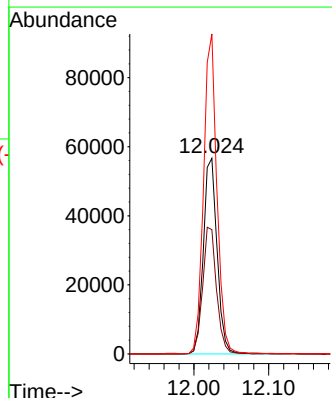
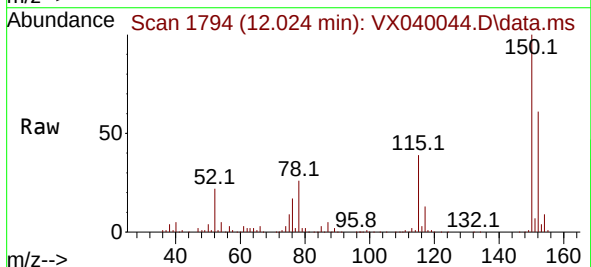
RT: 12.024 min Scan# 1794

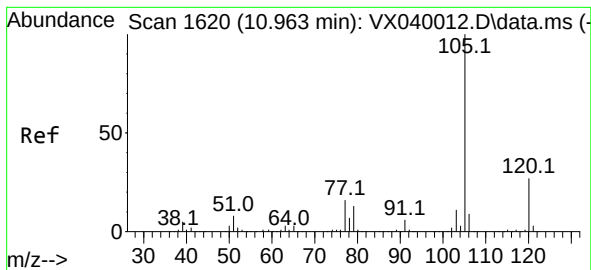
Delta R.T. 0.006 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Tgt Ion:152	Resp:	72495
Ion Ratio	Lower	Upper
152	100	
115	65.3	43.3 129.9
150	157.7	0.0 345.0





#73

Isopropylbenzene

Concen: 0.930 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:105 Resp: 484

Ion Ratio Lower Upper

105 100

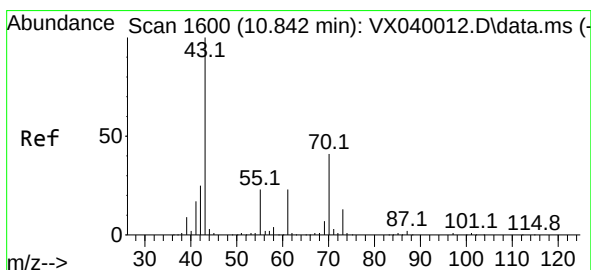
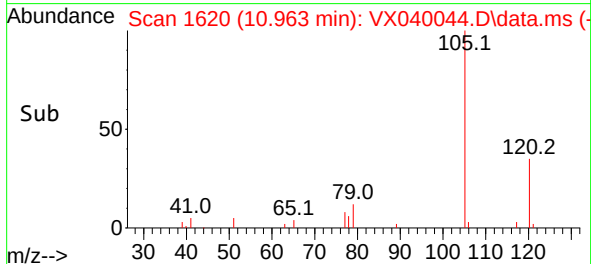
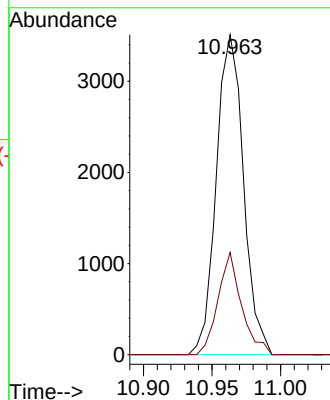
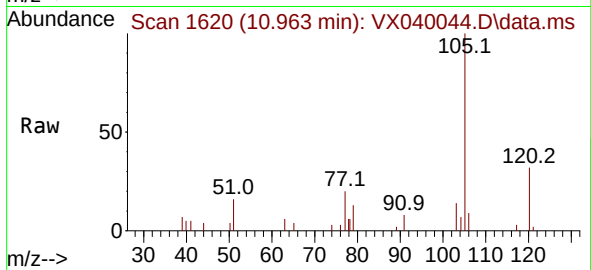
120 27.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#74

N-ethyl acetate

Concen: 0.713 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.001 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Tgt Ion: 43 Resp: 1690

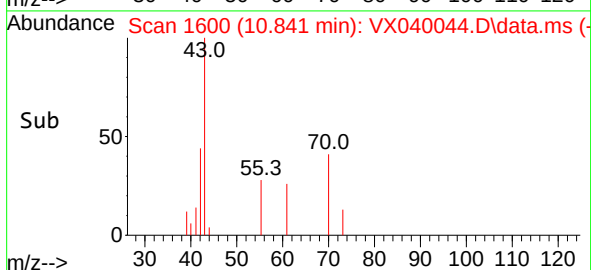
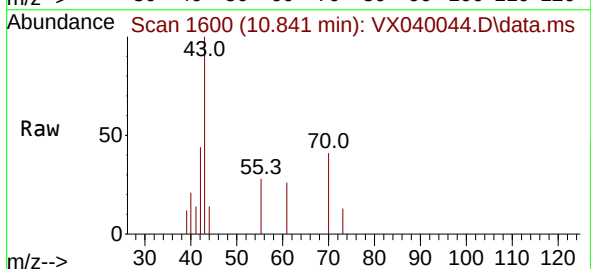
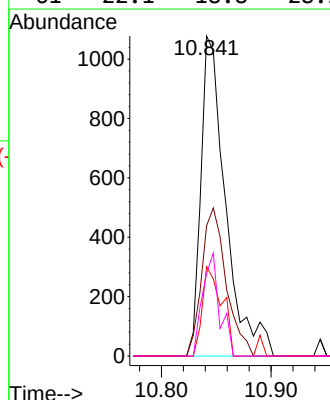
Ion Ratio Lower Upper

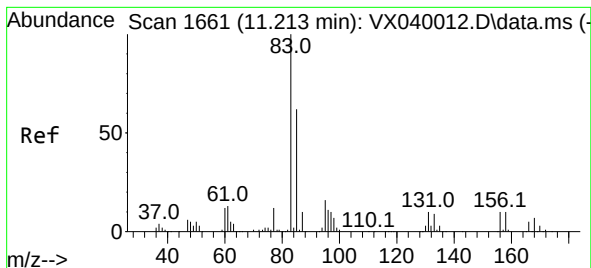
43 100

70 45.7 32.9 49.3

55 22.2 19.3 28.9

61 22.1 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 1.006 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

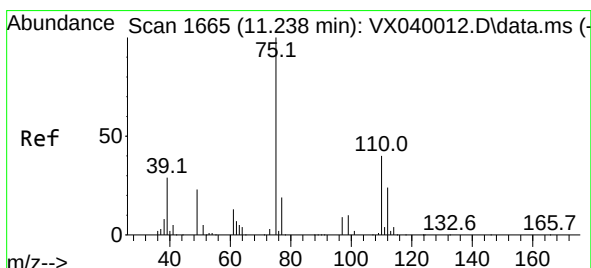
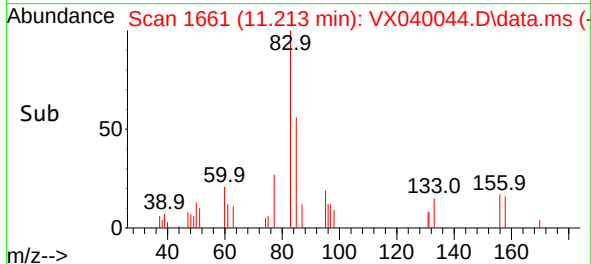
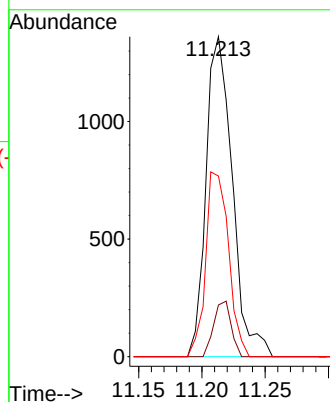
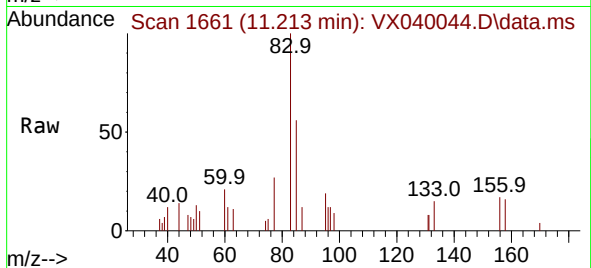
Tgt Ion: 83	Resp: 1969
Ion Ratio	Lower Upper
83 100	
131 11.5	5.3 15.8
85 50.2	32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#76

1,2,3-Trichloropropane

Concen: 1.126 ug/l m

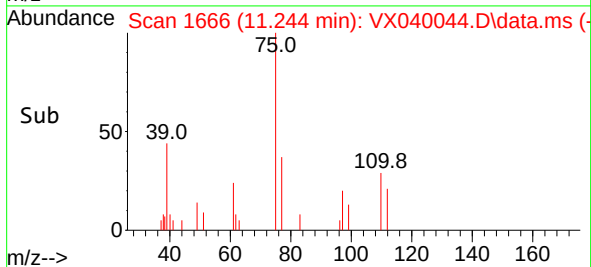
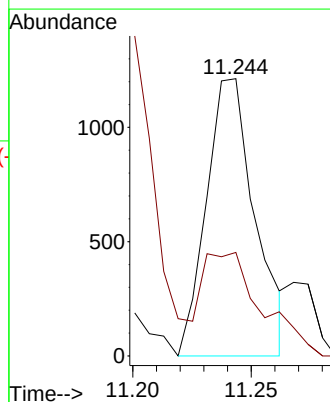
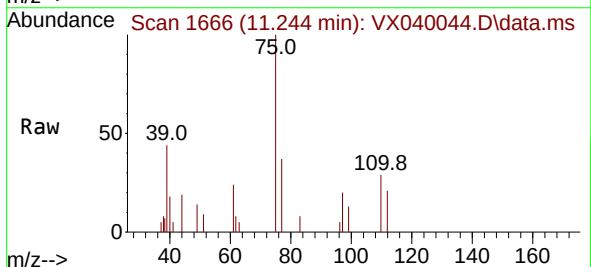
RT: 11.244 min Scan# 1666

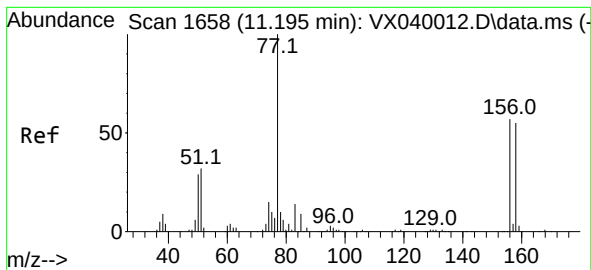
Delta R.T. 0.006 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Tgt Ion: 75	Resp: 1739
Ion Ratio	Lower Upper
75 100	
77 44.6	19.1 57.5





#77

Bromobenzene

Concen: 0.984 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

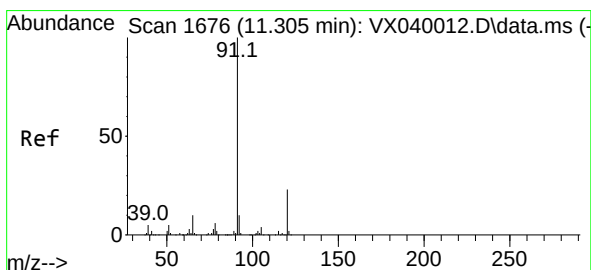
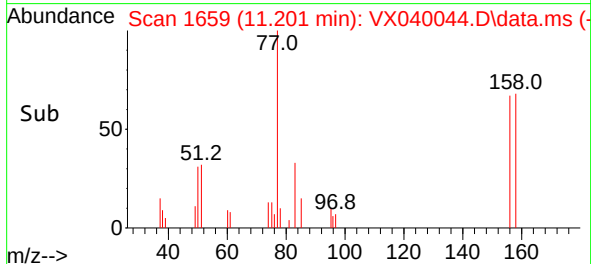
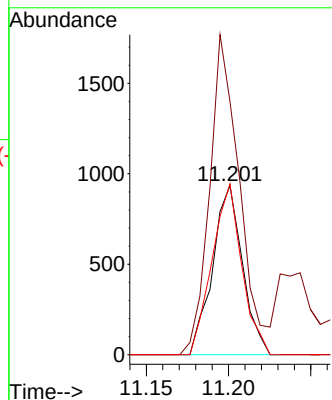
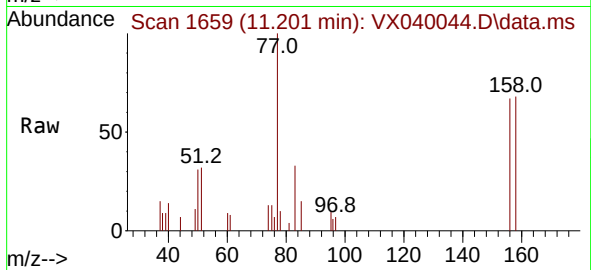
Tgt Ion:	156	Resp:	118
Ion Ratio	Lower	Upper	
156	100		
77	189.4	88.4	265.3
158	100.7	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#78

n-propylbenzene

Concen: 0.962 ug/l

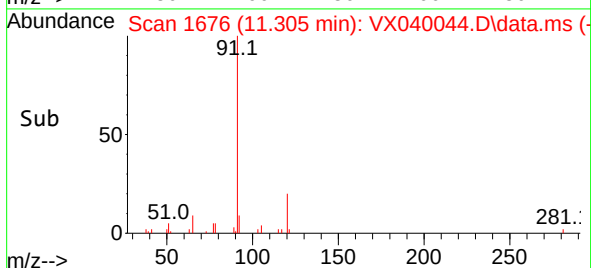
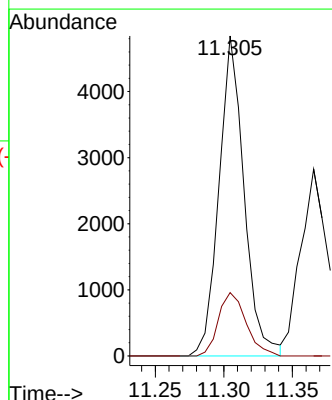
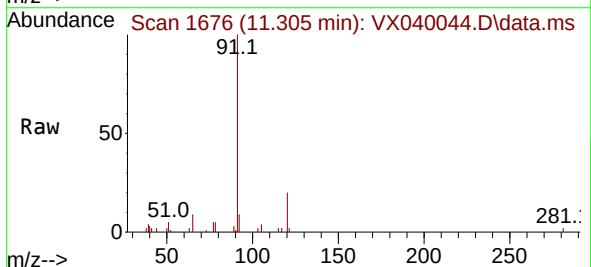
RT: 11.305 min Scan# 1676

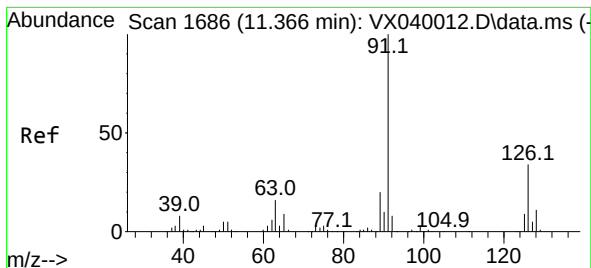
Delta R.T. -0.000 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Tgt Ion:	91	Resp:	6161
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 0.994 ug/l

RT: 11.365 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion: 91 Resp: 383

Ion Ratio Lower Upper

91 100

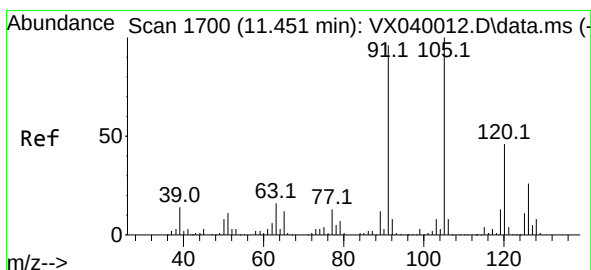
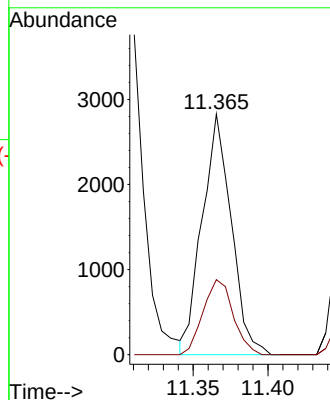
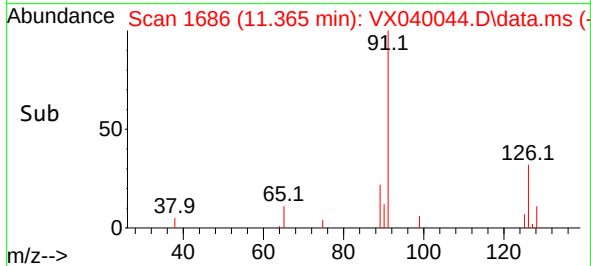
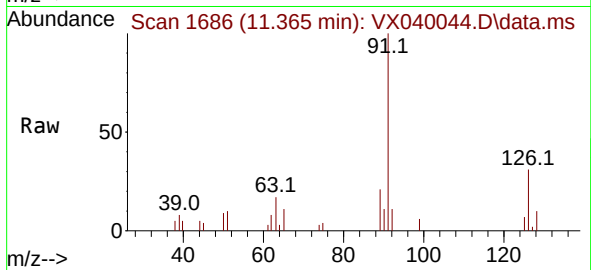
126 32.2 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 0.910 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX040044.D

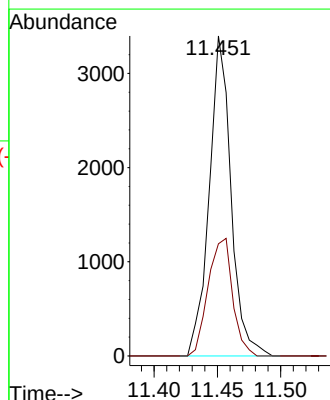
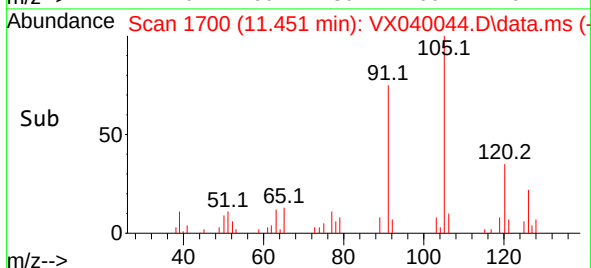
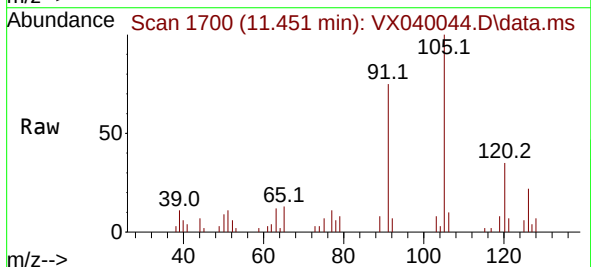
Acq: 31 Jan 2024 13:35

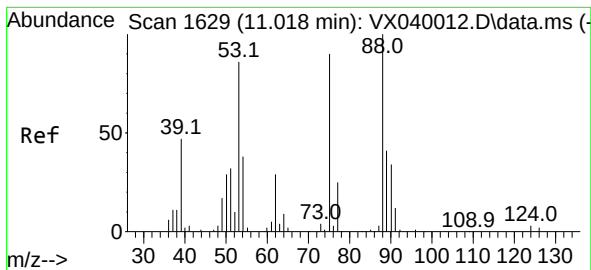
Tgt Ion:105 Resp: 4070

Ion Ratio Lower Upper

105 100

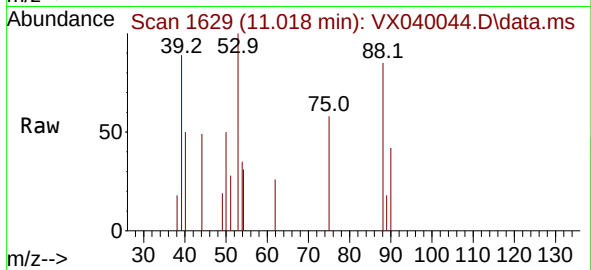
120 41.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.387 ug/l m
RT: 11.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

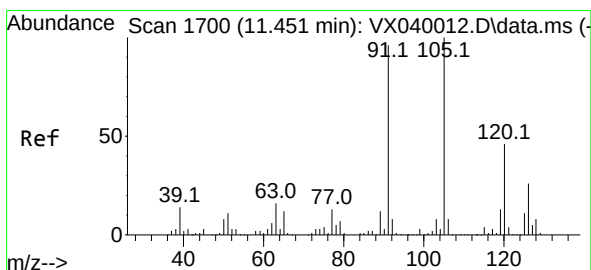
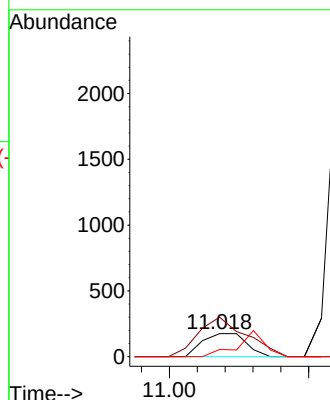
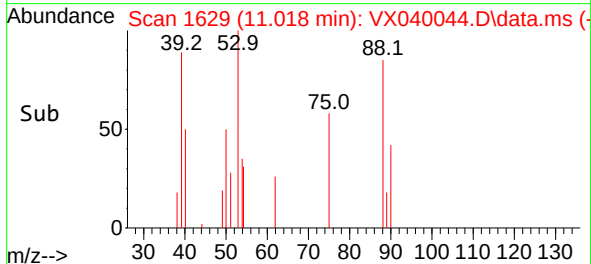
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 75 Resp: 192
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 36.9 55.3

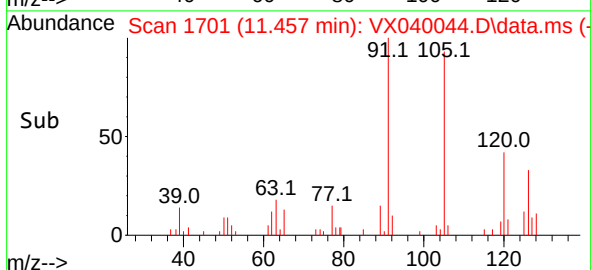
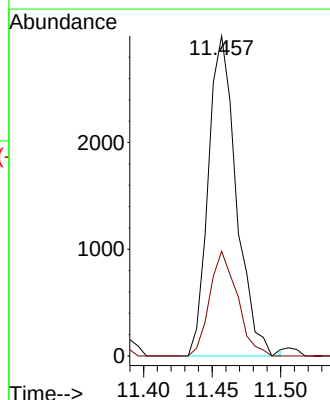
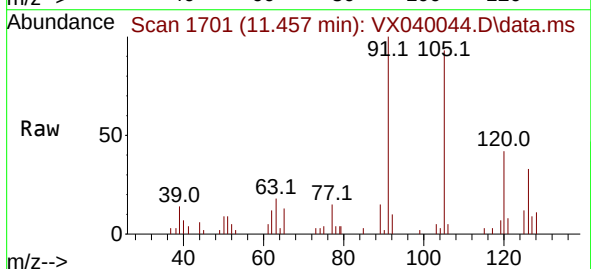
Manual Integrations
APPROVED

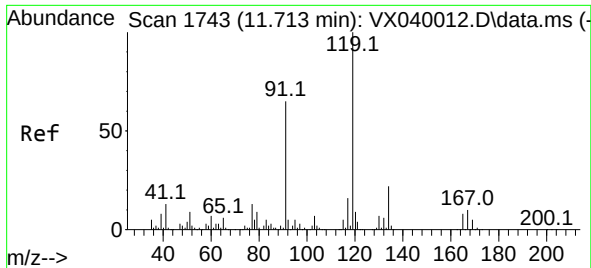
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#82
4-Chlorotoluene
Concen: 0.968 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

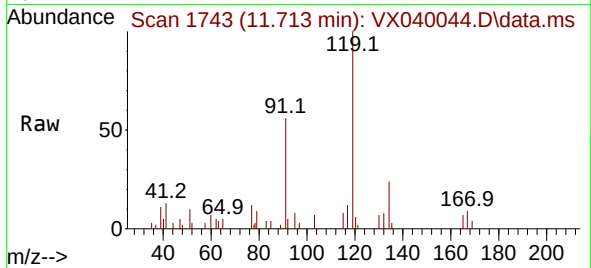
Tgt Ion: 91 Resp: 4283
Ion Ratio Lower Upper
91 100
126 32.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 0.865 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

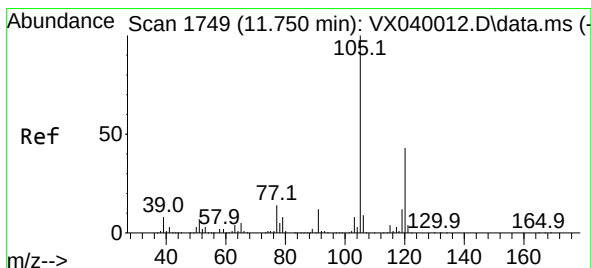
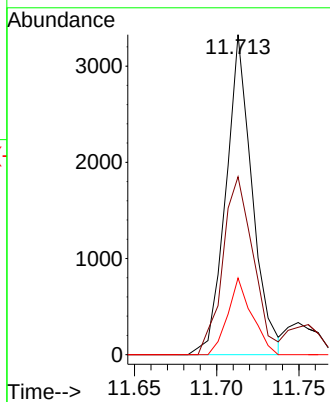
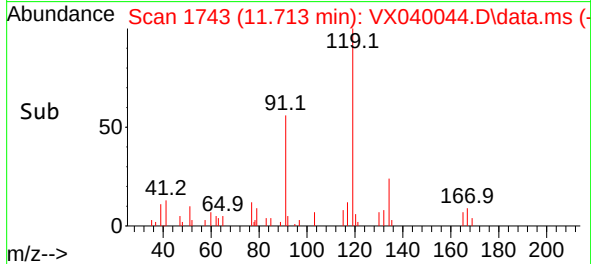
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



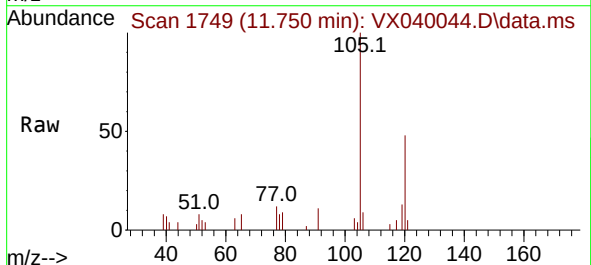
Tgt Ion:119 Resp: 3704
Ion Ratio Lower Upper
119 100
91 64.8 31.2 93.6
134 22.1 11.7 35.0

Manual Integrations
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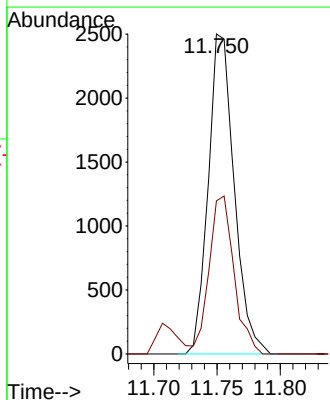
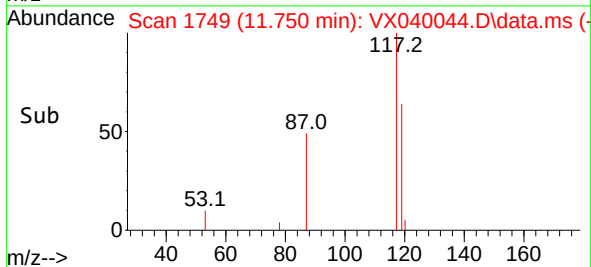
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

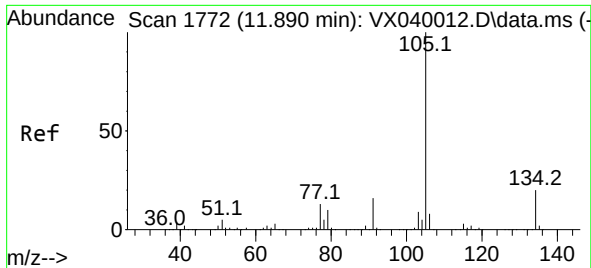


#84
1,2,4-Trimethylbenzene
Concen: 0.801 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35



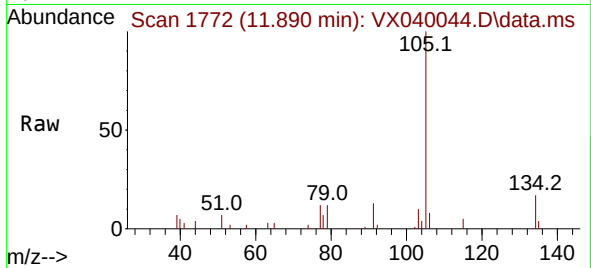
Tgt Ion:105 Resp: 3575
Ion Ratio Lower Upper
105 100
120 47.0 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.875 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040044.D
 Acq: 31 Jan 2024 13:35

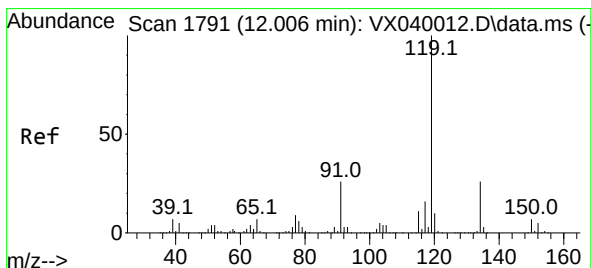
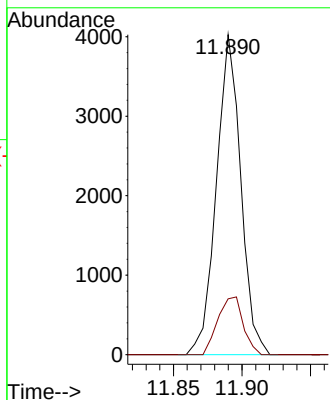
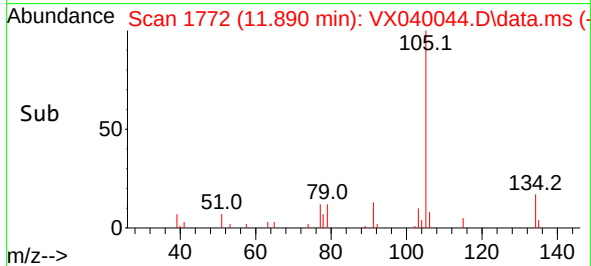
Instrument : MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2024



Tgt Ion:105 Resp: 496
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

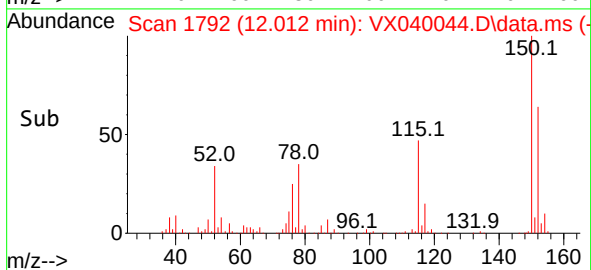
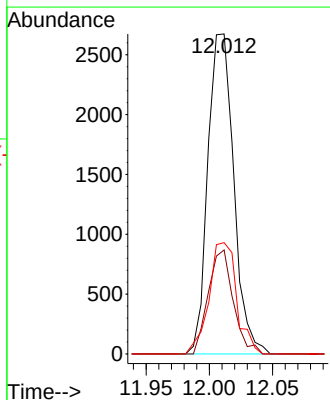
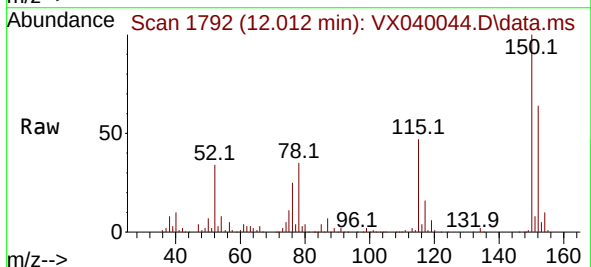
Manual Integrations
 APPROVED

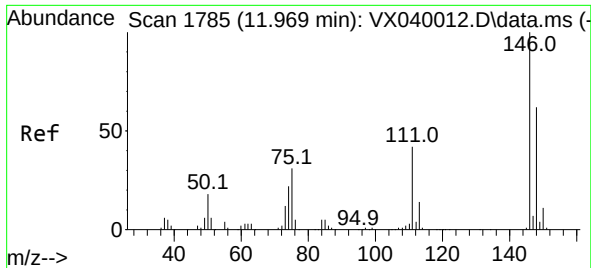
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#86
 p-Isopropyltoluene
 Concen: 0.823 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX040044.D
 Acq: 31 Jan 2024 13:35

Tgt Ion:119 Resp: 3811
 Ion Ratio Lower Upper
 119 100
 134 31.4 12.8 38.3
 91 37.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.917 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

Tgt Ion:146 Resp: 222

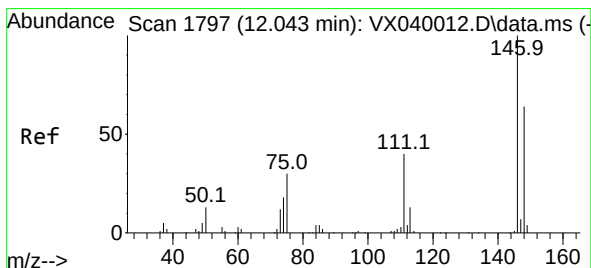
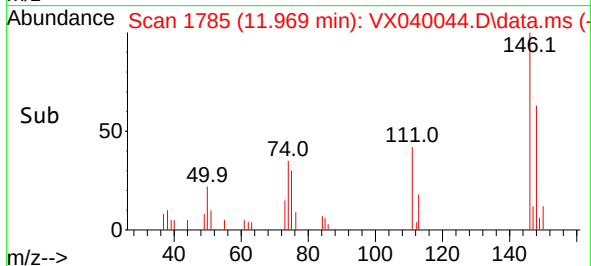
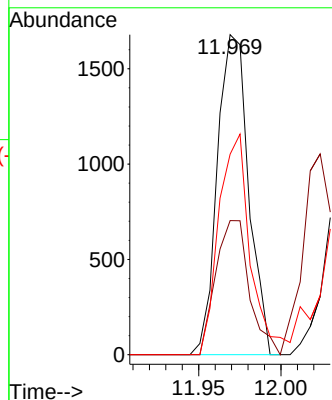
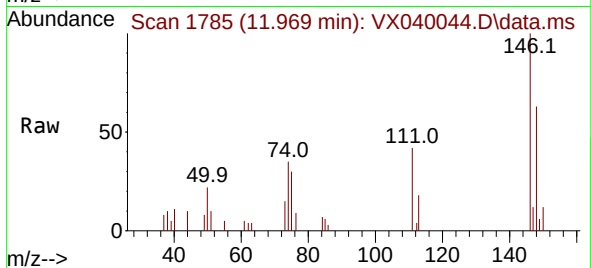
Ion	Ratio	Lower	Upper
146	100		
111	45.0	22.1	66.1
148	69.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#88

1,4-Dichlorobenzene

Concen: 1.011 ug/l m

RT: 12.036 min Scan# 1796

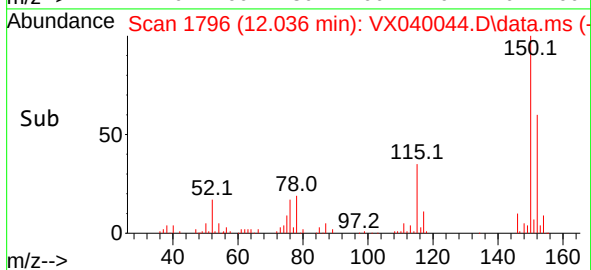
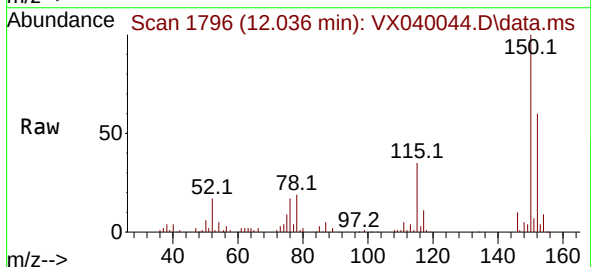
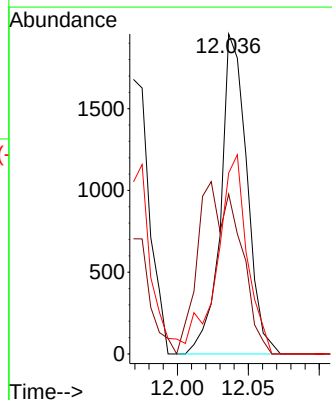
Delta R.T. -0.006 min

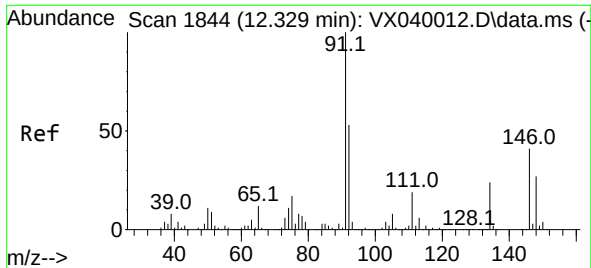
Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Tgt Ion:146 Resp: 2507

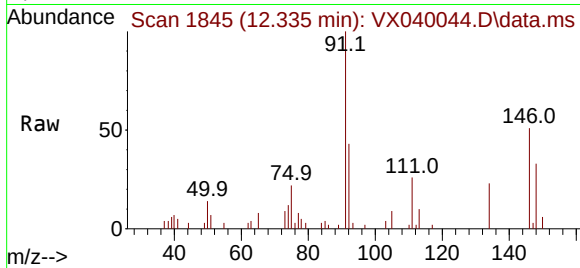
Ion	Ratio	Lower	Upper
146	100		
111	39.9	21.3	63.7
148	62.0	31.8	95.4





#89
n-Butylbenzene
Concen: 0.743 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

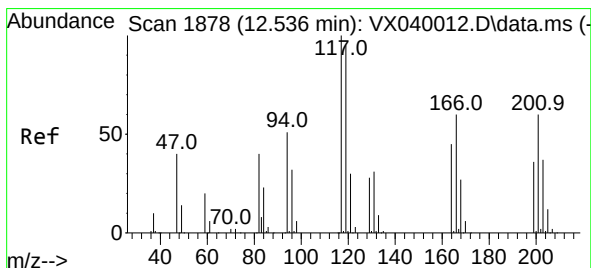
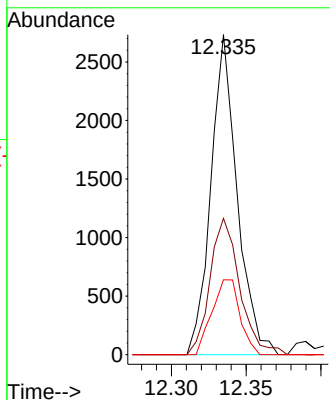
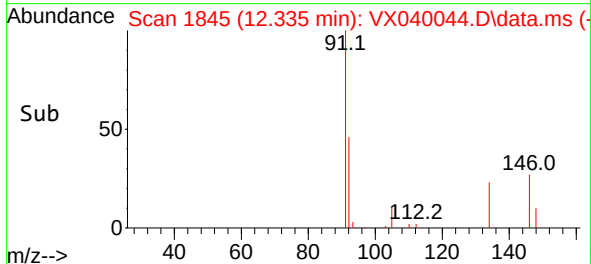
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



Tgt Ion: 91 Resp: 334
Ion Ratio Lower Upper
91 100
92 48.1 27.4 82.0
134 24.9 12.6 37.8

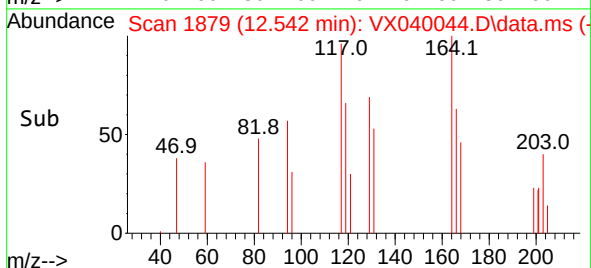
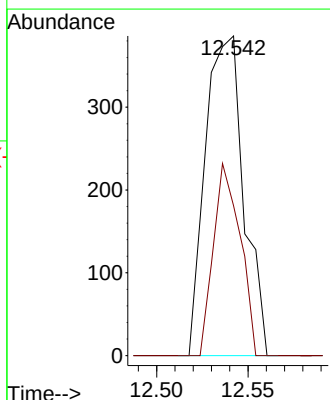
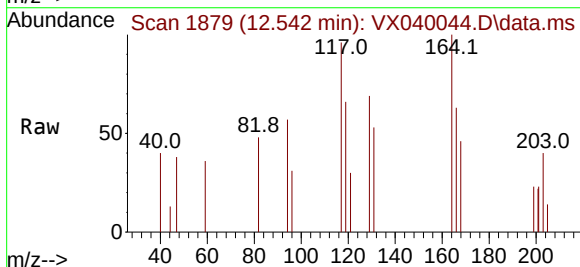
Manual Integrations
APPROVED

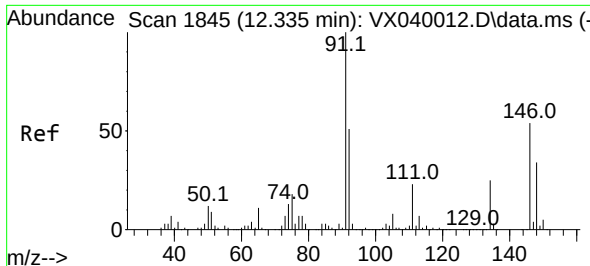
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#90
Hexachloroethane
Concen: 0.770 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

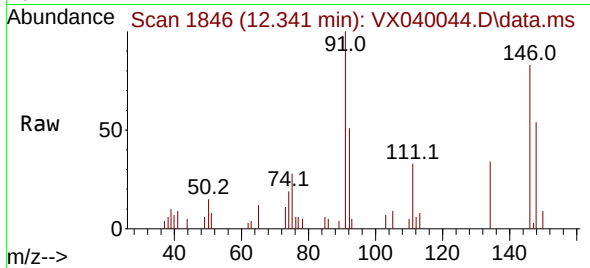
Tgt Ion:117 Resp: 564
Ion Ratio Lower Upper
117 100
201 41.7 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 0.908 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

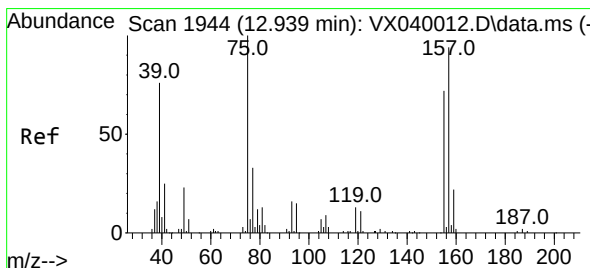
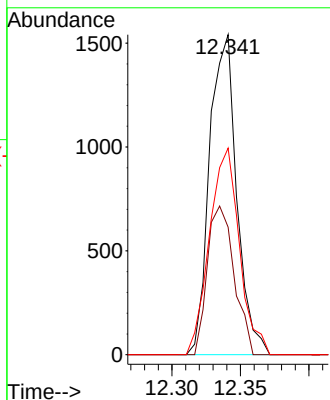
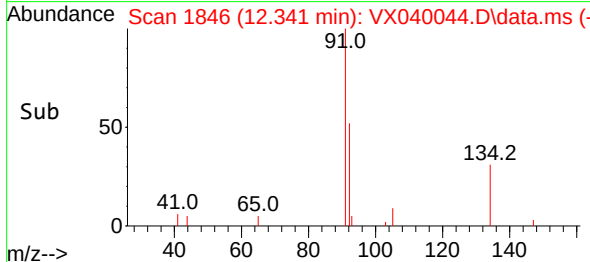
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2024



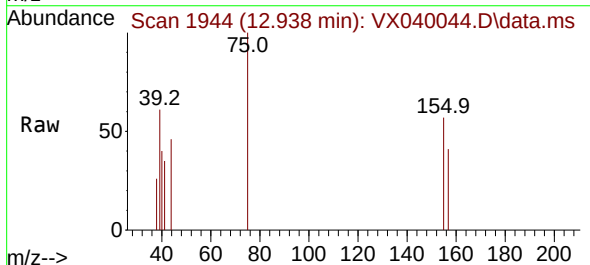
Tgt Ion:146 Resp: 212
Ion Ratio Lower Upper
146 100
111 45.9 22.4 67.0
148 71.4 31.6 95.0

Manual Integrations
APPROVED

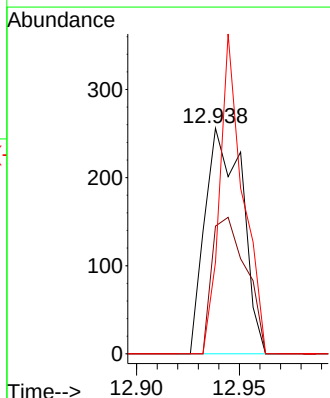
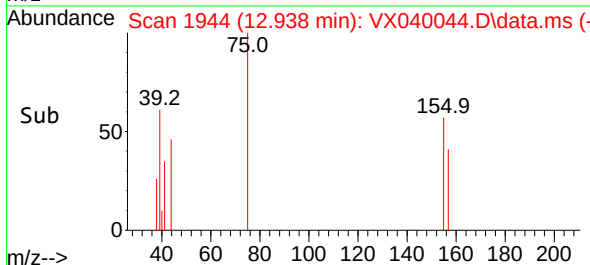
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

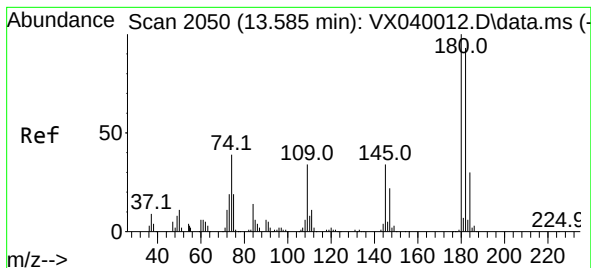


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.724 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35



Tgt Ion: 75 Resp: 321
Ion Ratio Lower Upper
75 100
155 56.1 36.1 108.5
157 89.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.920 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2024

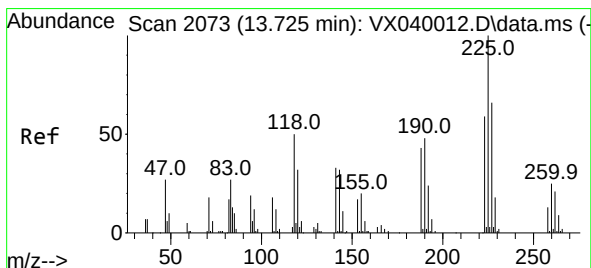
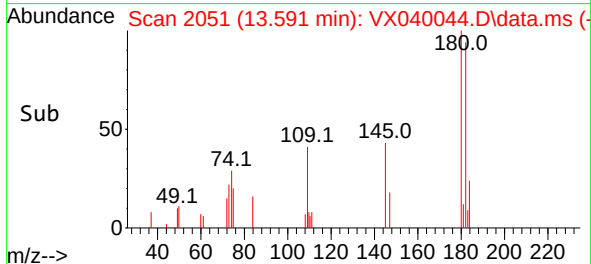
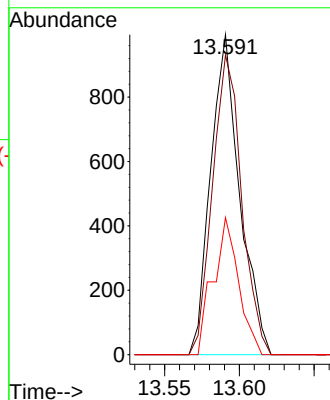
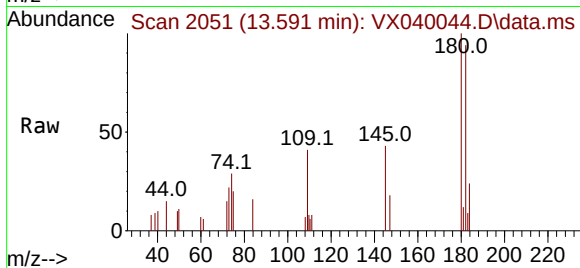
Tgt Ion:180	Resp:	134
Ion Ratio	Lower	Upper
180	100	
182	93.7	48.3 144.8
145	37.4	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#94

Hexachlorobutadiene

Concen: 0.946 ug/l

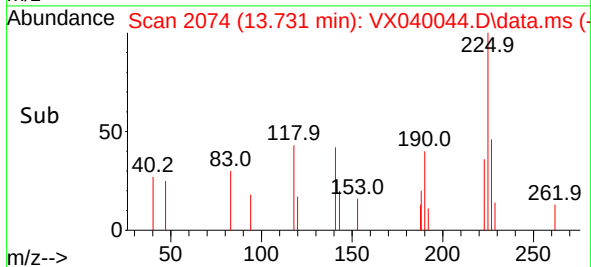
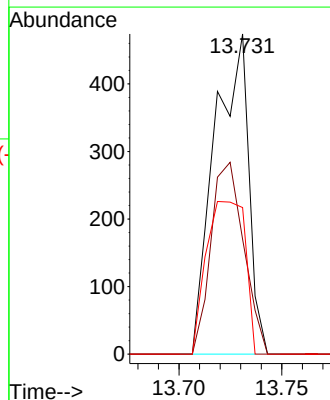
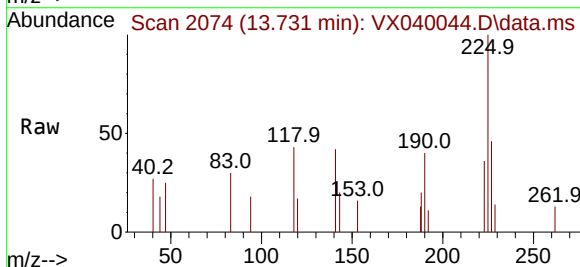
RT: 13.731 min Scan# 2074

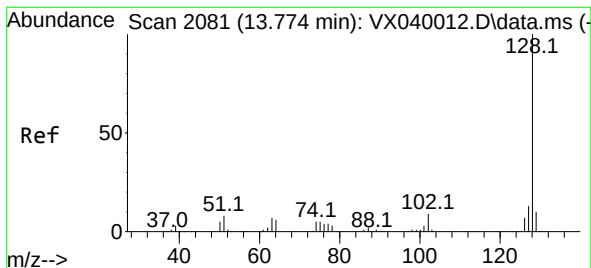
Delta R.T. 0.006 min

Lab File: VX040044.D

Acq: 31 Jan 2024 13:35

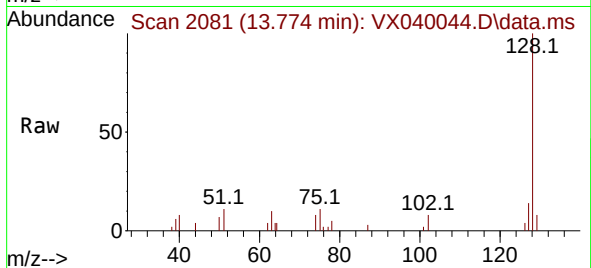
Tgt Ion:225	Resp:	544
Ion Ratio	Lower	Upper
225	100	
223	57.9	31.1 93.2
227	54.6	32.5 97.5





#95
Naphthalene
Concen: 0.764 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35

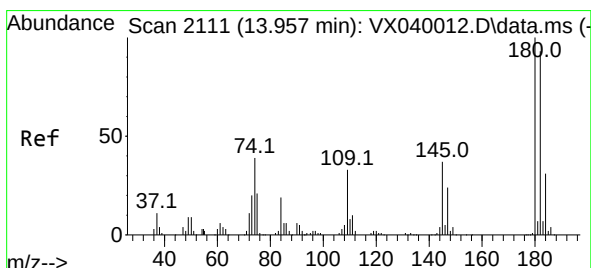
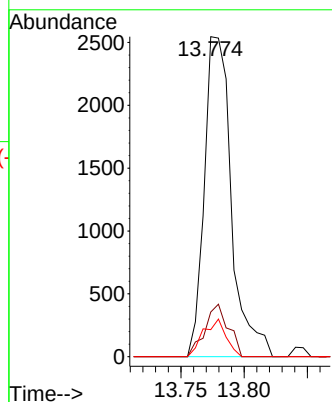
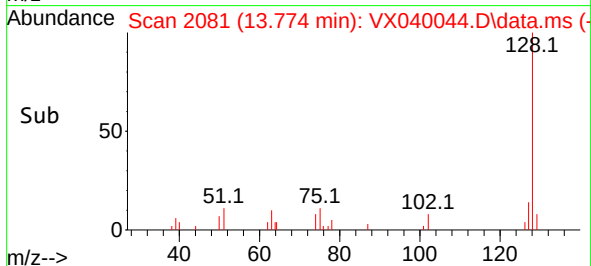
Instrument : MSVOA_X
ClientSampleId : LOQ-WATER-02-QT1-2024



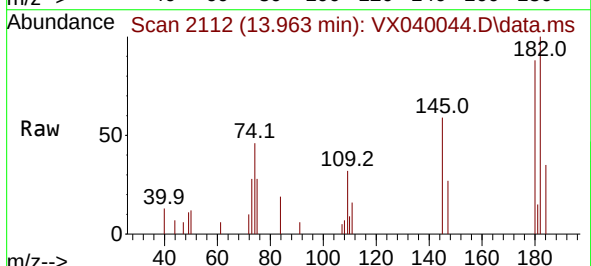
Tgt Ion:128 Resp: 3790
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 9.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 0.833 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX040044.D
Acq: 31 Jan 2024 13:35



Tgt Ion:180 Resp: 1202
Ion Ratio Lower Upper
180 100
182 93.8 46.9 140.6
145 50.6 17.8 53.5

