

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040042.D
 Acq On : 31 Jan 2024 12:50
 Operator : JC/MD
 Sample : P1187-09 0.75PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Feb 01 05:09:36 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	5.550	168	89093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72017	50.227	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.460%			
35) Dibromofluoromethane	5.385	113	53493	48.484	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.960%			
50) Toluene-d8	8.647	98	196386	47.597	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.200%			
62) 4-Bromofluorobenzene	11.079	95	67497	42.484	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	781	0.778	ug/l	89
3) Chloromethane	1.294	50	848	0.891	ug/l	99
4) Vinyl Chloride	1.374	62	771	0.876	ug/l #	79
5) Bromomethane	1.611	94	412	0.482	ug/l	83
6) Chloroethane	1.691	64	381	0.656	ug/l	95
7) Trichlorofluoromethane	1.886	101	729	0.521	ug/l #	47
8) Diethyl Ether	2.130	74	320	0.646	ug/l	54
9) 1,1,2-Trichlorotrifluo...	2.325	101	777	0.744	ug/l	94
10) Methyl Iodide	2.453	142	698	0.628	ug/l #	79
11) Tert butyl alcohol	2.953	59	1044	4.013	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	684	0.683	ug/l #	87
13) Acrolein	2.239	56	840	3.370	ug/l	95
14) Allyl chloride	2.660	41	1152	0.638	ug/l #	86
15) Acrylonitrile	3.068	53	2365	3.629	ug/l	95
16) Acetone	2.373	43	2739	4.077	ug/l	95
17) Carbon Disulfide	2.514	76	2015	0.688	ug/l #	88
18) Methyl Acetate	2.703	43	1132	0.711	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	2293	0.668	ug/l #	90
20) Methylene Chloride	2.788	84	974	0.816	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	813	0.737	ug/l	99
22) Diisopropyl ether	3.763	45	2374	0.679	ug/l #	91
23) Vinyl Acetate	3.733	43	8623	2.754	ug/l	100
24) 1,1-Dichloroethane	3.611	63	1561	0.779	ug/l #	83
25) 2-Butanone	4.580	43	3316	3.551	ug/l	91
26) 2,2-Dichloropropane	4.477	77	1197	0.766	ug/l	82
27) cis-1,2-Dichloroethene	4.495	96	1002	0.814	ug/l	85
28) Bromochloromethane	4.885	49	617	0.660	ug/l #	16
29) Tetrahydrofuran	5.013	42	1863	3.137	ug/l #	69
30) Chloroform	5.105	83	1586m	0.737	ug/l	
31) Cyclohexane	5.470	56	1117	0.622	ug/l #	87
32) 1,1,1-Trichloroethane	5.379	97	1232	0.667	ug/l #	37
36) 1,1-Dichloropropene	5.702	75	1077	0.675	ug/l	97
37) Ethyl Acetate	4.727	43	1420m	0.815	ug/l	
38) Carbon Tetrachloride	5.684	117	941	0.616	ug/l #	79
39) Methylcyclohexane	7.385	83	1166	0.601	ug/l #	81
40) Benzene	6.050	78	3234	0.696	ug/l #	87

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 Quant Title : SW846 8260
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Manual Integrations
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 Supervised By : Mahesh Dadoda 02/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	486m	0.550	ug/l	
42) 1,2-Dichloroethane	6.086	62	1474	0.824	ug/l #	77
43) Isopropyl Acetate	6.360	43	1752	0.638	ug/l #	69
44) Trichloroethene	7.123	130	861	0.704	ug/l	77
45) 1,2-Dichloropropane	7.446	63	1048	0.854	ug/l	98
46) Dibromomethane	7.586	93	621	0.674	ug/l	92
47) Bromodichloromethane	7.824	83	1209	0.737	ug/l #	74
48) Methyl methacrylate	7.708	41	940	0.694	ug/l	91
49) 1,4-Dioxane	7.677	88	297	10.096	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	6462	3.445	ug/l	92
52) Toluene	8.720	92	2020	0.697	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	994	0.584	ug/l #	69
54) cis-1,3-Dichloropropene	8.372	75	1105	0.609	ug/l #	79
55) 1,1,2-Trichloroethane	9.153	97	861	0.718	ug/l #	84
56) Ethyl methacrylate	9.122	69	1026	0.586	ug/l #	85
57) 1,3-Dichloropropane	9.305	76	1249	0.632	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	2504	2.844	ug/l	95
59) 2-Hexanone	9.433	43	4365	2.918	ug/l	94
60) Dibromochloromethane	9.518	129	691	0.574	ug/l	93
61) 1,2-Dibromoethane	9.622	107	842	0.650	ug/l	93
64) Tetrachloroethene	9.275	164	765	0.848	ug/l	90
65) Chlorobenzene	10.073	112	2007	0.700	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.165	131	571	0.590	ug/l #	59
67) Ethyl Benzene	10.195	91	3114	0.606	ug/l	97
68) m/p-Xylenes	10.305	106	2188	1.131	ug/l	80
69) o-Xylene	10.640	106	1190	0.648	ug/l	95
70) Styrene	10.665	104	2096	0.678	ug/l	94
71) Bromoform	10.799	173	424	0.572	ug/l #	86
73) Isopropylbenzene	10.963	105	2811	0.626	ug/l	90
74) N-amyl acetate	10.847	43	1238	0.606	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	1295	0.767	ug/l	95
76) 1,2,3-Trichloropropane	11.244	75	1075m	0.807	ug/l	
77) Bromobenzene	11.201	156	763	0.737	ug/l	88
78) n-propylbenzene	11.305	91	3655	0.661	ug/l	99
79) 2-Chlorotoluene	11.366	91	2260	0.679	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	2277	0.590	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	107m	0.250	ug/l	
82) 4-Chlorotoluene	11.457	91	2903	0.760	ug/l	96
83) tert-Butylbenzene	11.713	119	2230	0.604	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	2234	0.580	ug/l	99
85) sec-Butylbenzene	11.890	105	3293	0.673	ug/l	100
86) p-Isopropyltoluene	12.006	119	2688	0.673	ug/l	89
87) 1,3-Dichlorobenzene	11.969	146	1675	0.802	ug/l	97
88) 1,4-Dichlorobenzene	12.036	146	1654m	0.773	ug/l	
89) n-Butylbenzene	12.335	91	2166	0.558	ug/l	97
90) Hexachloroethane	12.536	117	372	0.589	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	1467	0.728	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.951	75	207	0.541	ug/l #	69
93) 1,2,4-Trichlorobenzene	13.591	180	752	0.597	ug/l	93
94) Hexachlorobutadiene	13.731	225	311	0.627	ug/l	84
95) Naphthalene	13.780	128	2471	0.578	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.969	180	677	0.544	ug/l	80

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Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:07:23 2024
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

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

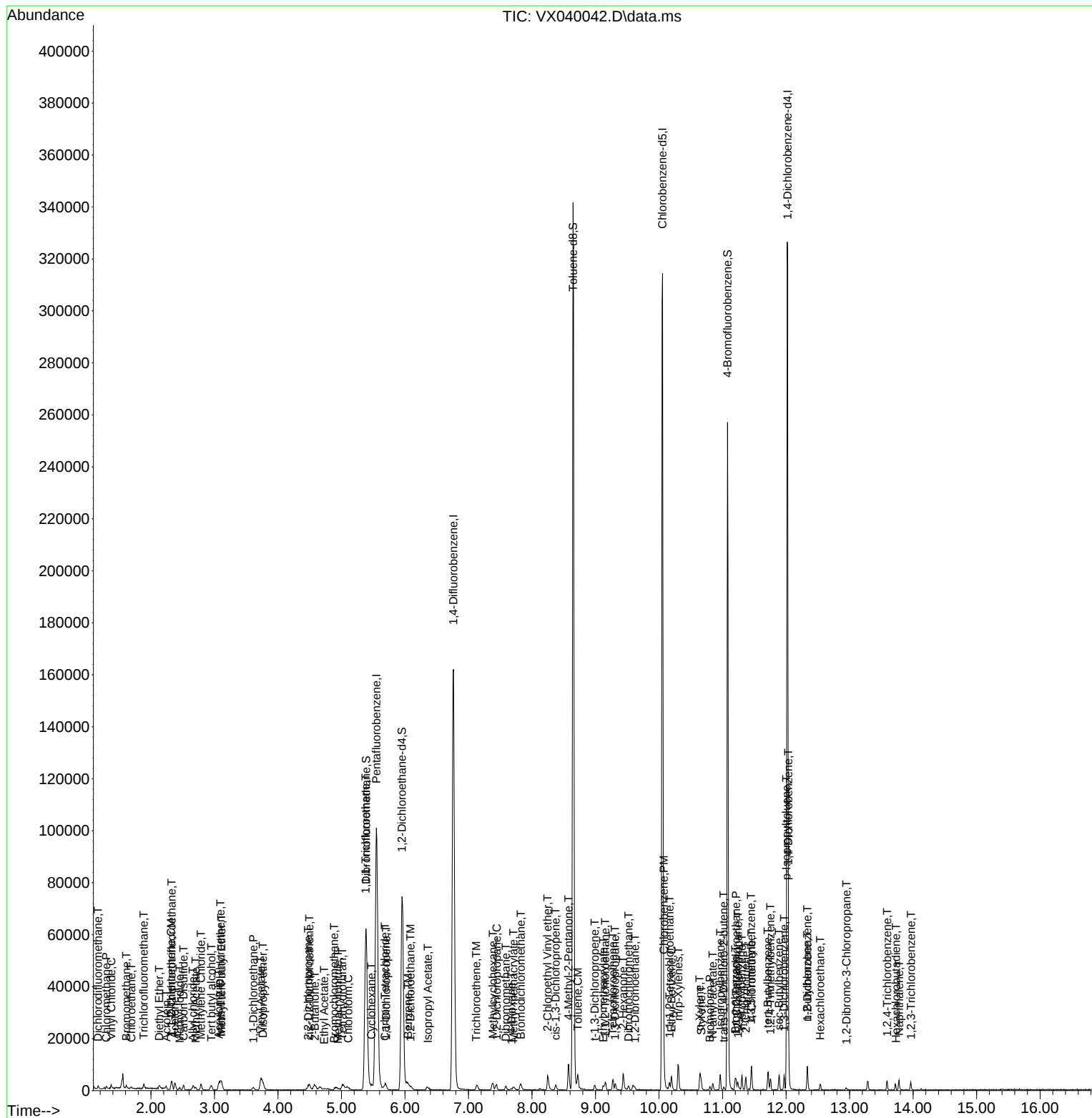
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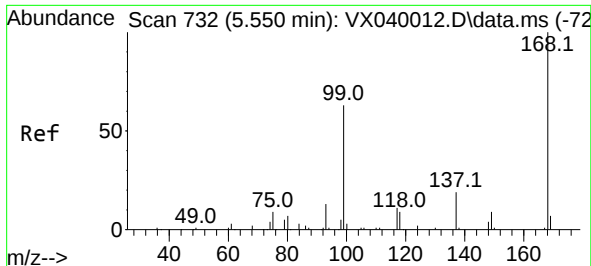
Instrument :
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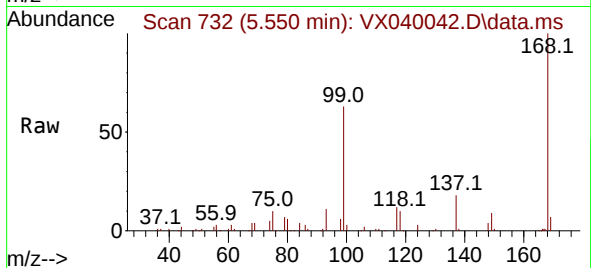
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

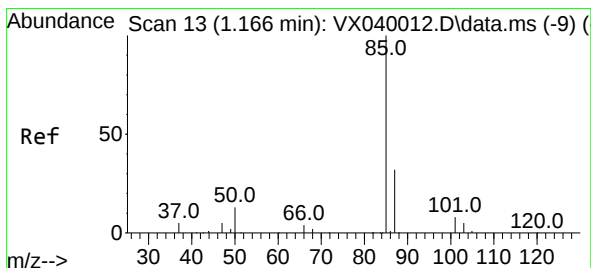
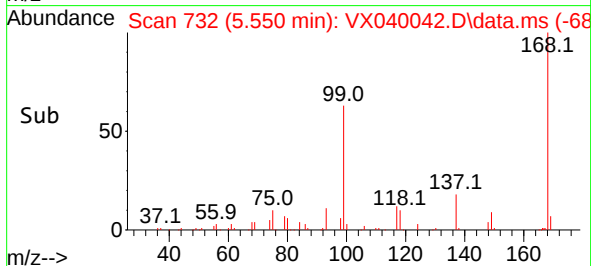
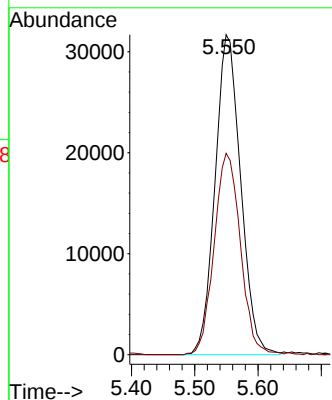
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion:168 Resp: 8909
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0

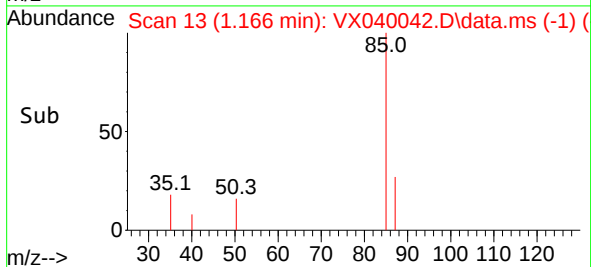
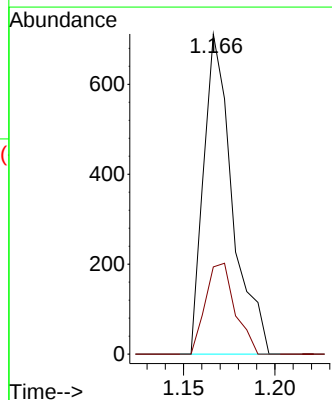
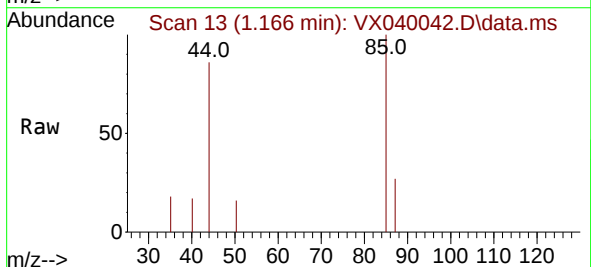
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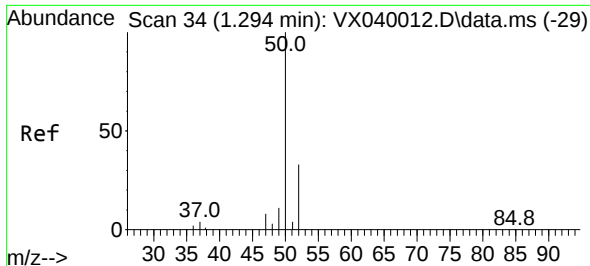
Reviewed By :John Carlone 02/01/2024
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#2
Dichlorodifluoromethane
Concen: 0.778 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

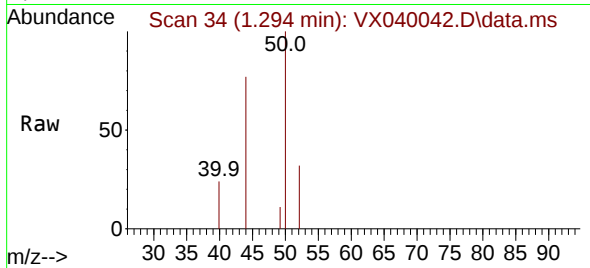
Tgt Ion: 85 Resp: 781
Ion Ratio Lower Upper
85 100
87 27.2 16.7 50.1





#3
Chloromethane
Concen: 0.891 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

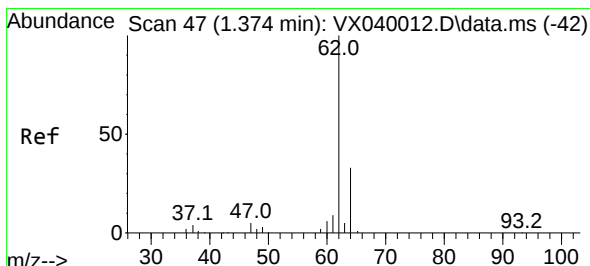
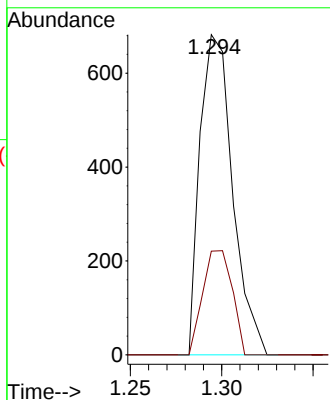
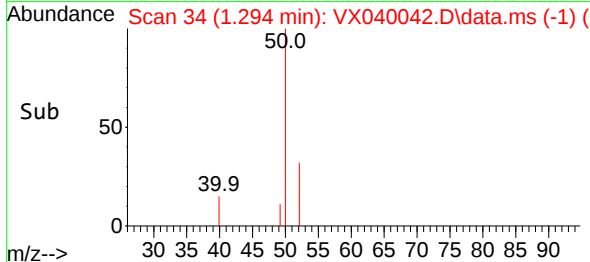
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



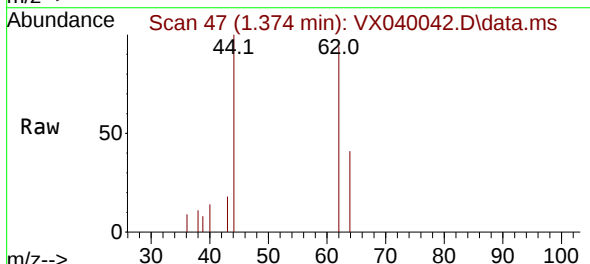
Tgt Ion: 50 Resp: 848
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

Manual Integrations
APPROVED

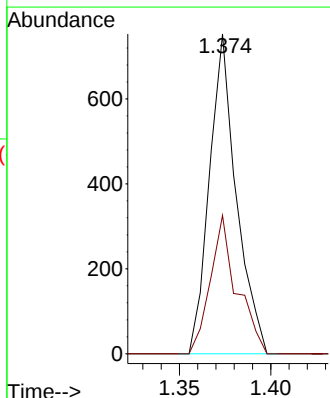
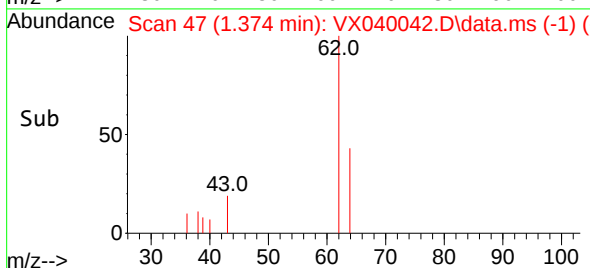
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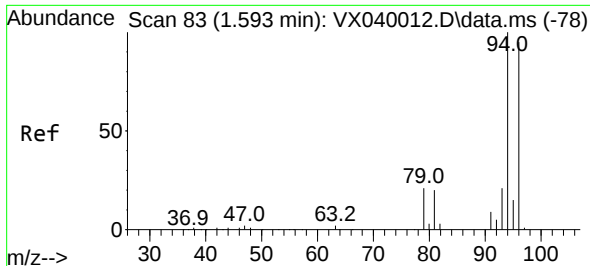


#4
Vinyl Chloride
Concen: 0.876 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50



Tgt Ion: 62 Resp: 771
Ion Ratio Lower Upper
62 100
64 43.3 25.4 38.0#





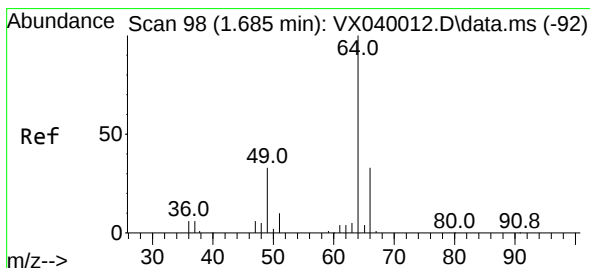
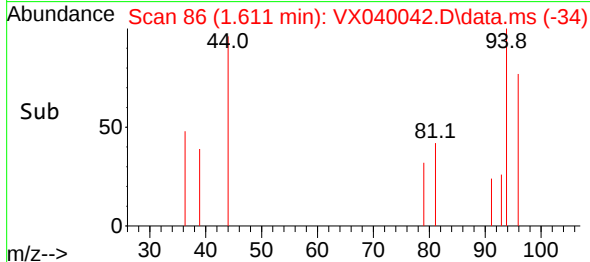
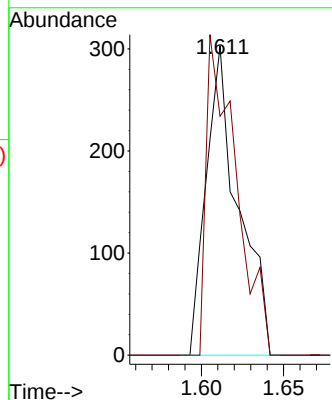
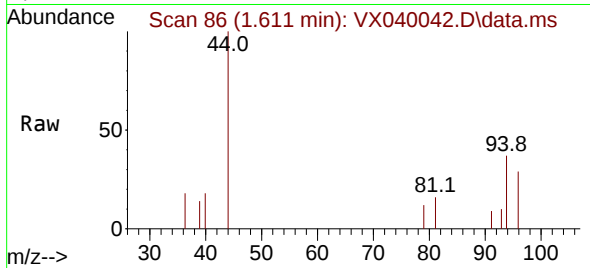
#5
Bromomethane
Concen: 0.482 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

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Tgt Ion: 94 Resp: 412
Ion Ratio Lower Upper
94 100
96 77.2 74.6 111.8

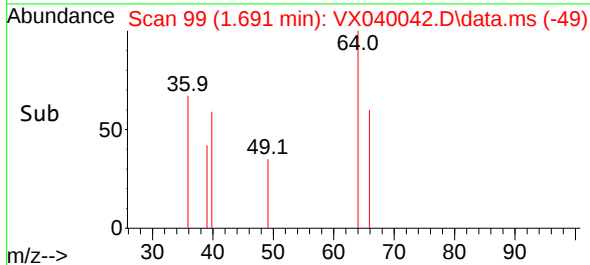
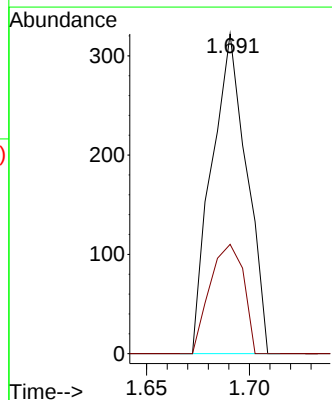
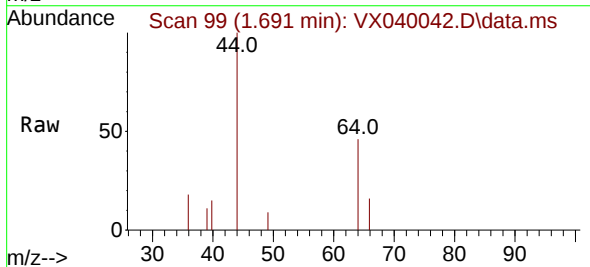
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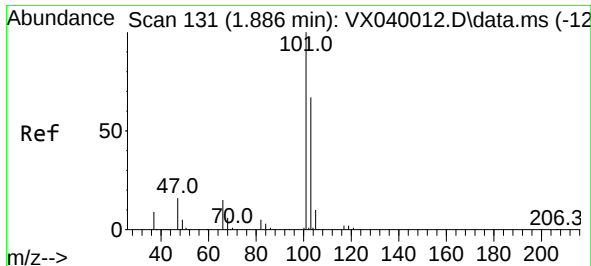
Reviewed By :John Carlone 02/01/2024
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#6
Chloroethane
Concen: 0.656 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

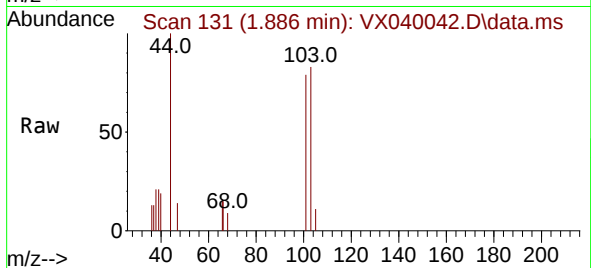
Tgt Ion: 64 Resp: 381
Ion Ratio Lower Upper
64 100
66 34.2 25.1 37.7





#7
Trichlorofluoromethane
Concen: 0.521 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

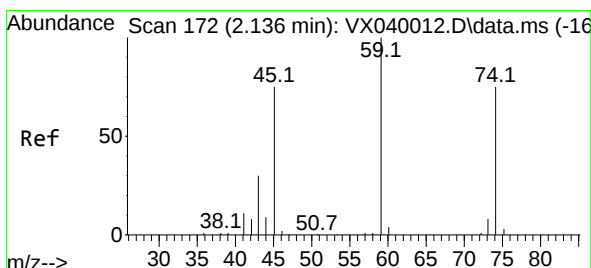
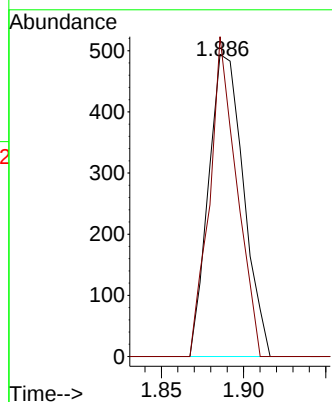
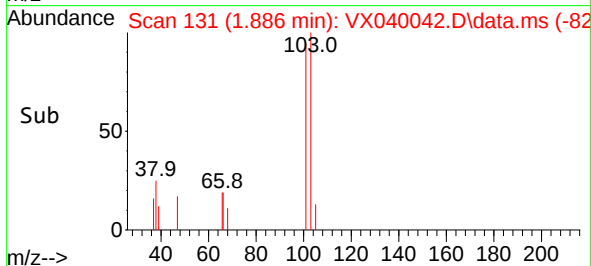
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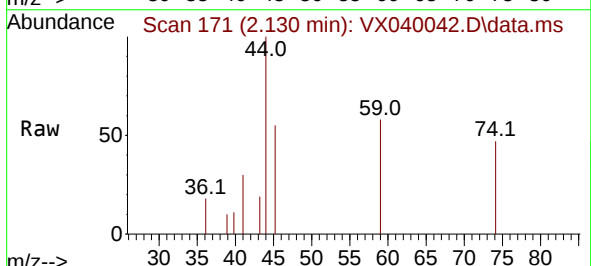
Tgt Ion:101 Resp: 729
Ion Ratio Lower Upper
101 100
103 105.9 51.4 77.25

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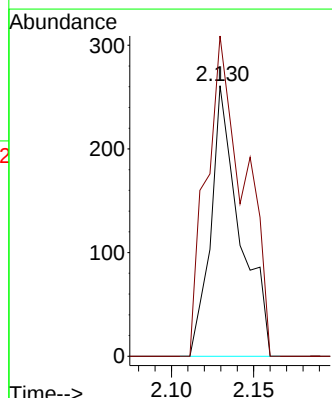
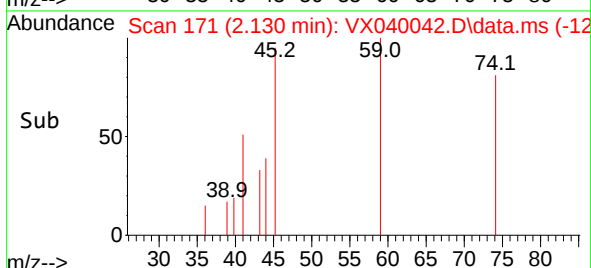
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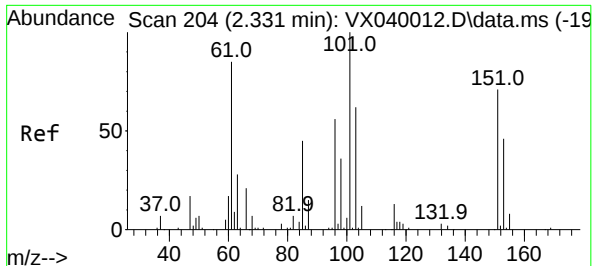


#8
Diethyl Ether
Concen: 0.646 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50



Tgt Ion: 74 Resp: 320
Ion Ratio Lower Upper
74 100
45 153.8 53.3 159.8





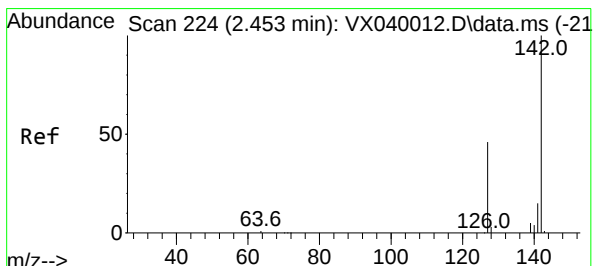
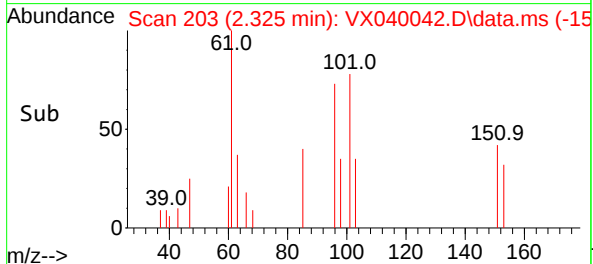
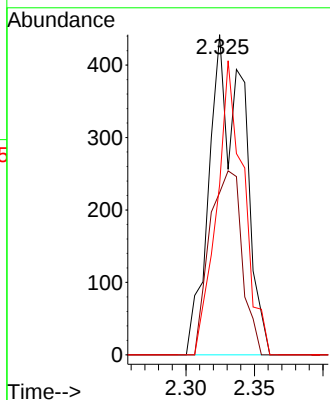
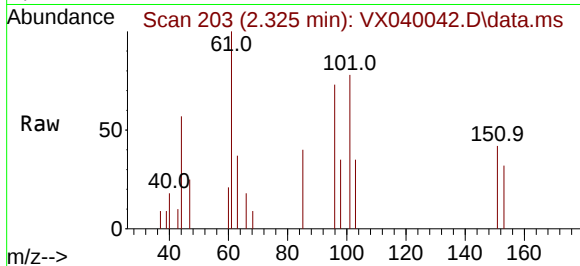
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.744 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:101 Resp: 777
Ion Ratio Lower Upper
101 100
85 53.8 37.0 55.6
151 71.2 58.6 87.8

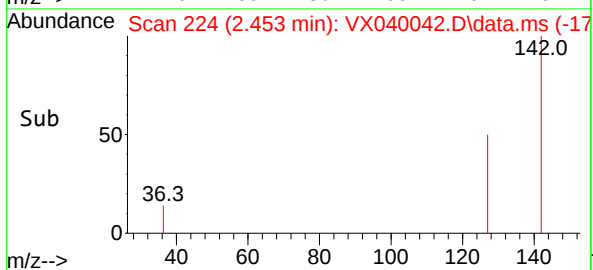
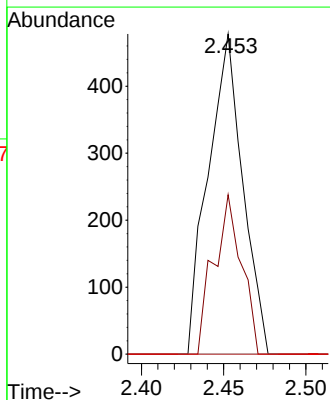
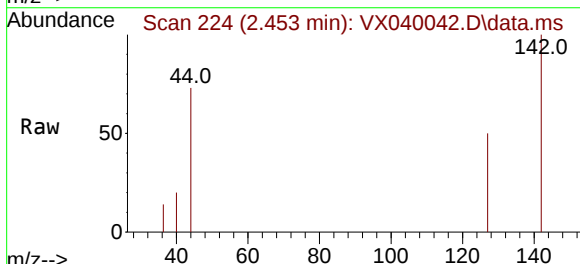
Manual Integrations
APPROVED

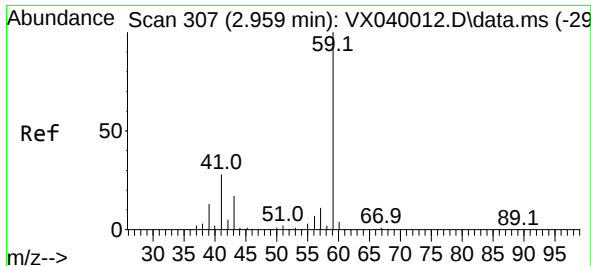
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#10
Methyl Iodide
Concen: 0.628 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion:142 Resp: 698
Ion Ratio Lower Upper
142 100
127 40.1 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 4.013 ug/l

RT: 2.953 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

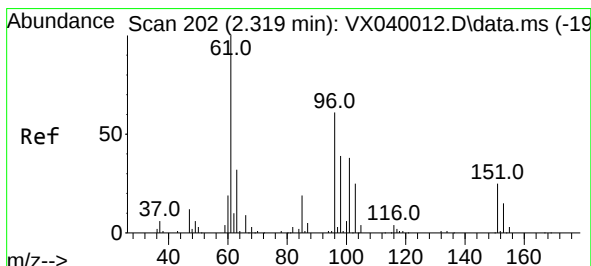
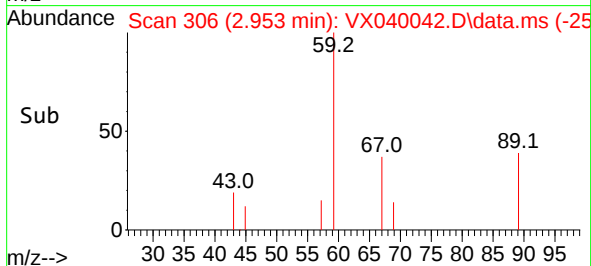
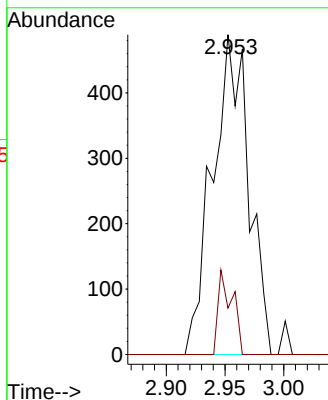
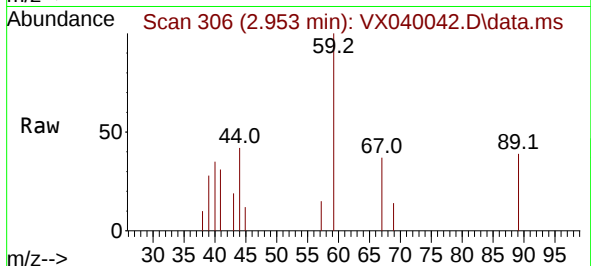
ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 59 Resp: 1044
 Ion Ratio Lower Upper
 59 100
 57 10.3 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: 0.683 ug/l

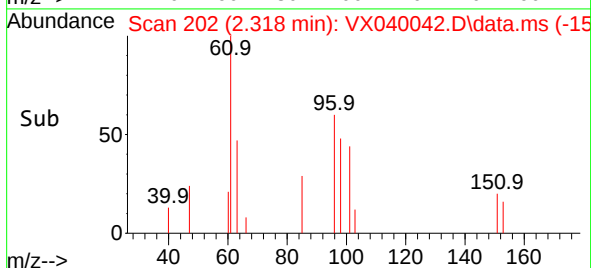
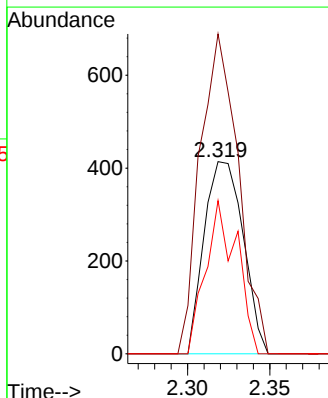
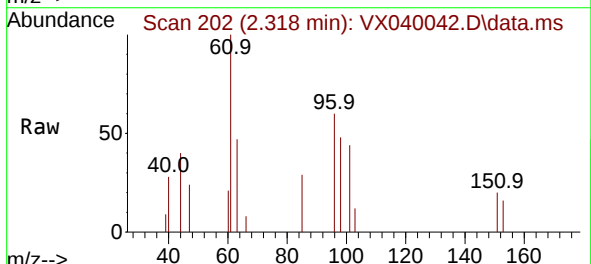
RT: 2.318 min Scan# 202

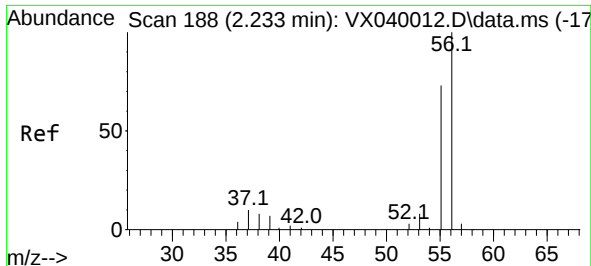
Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

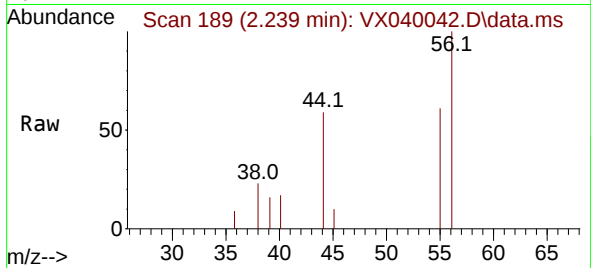
Tgt Ion: 96 Resp: 684
 Ion Ratio Lower Upper
 96 100
 61 166.4 144.6 216.8
 98 79.7 50.4 75.6





#13
Acrolein
Concen: 3.370 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

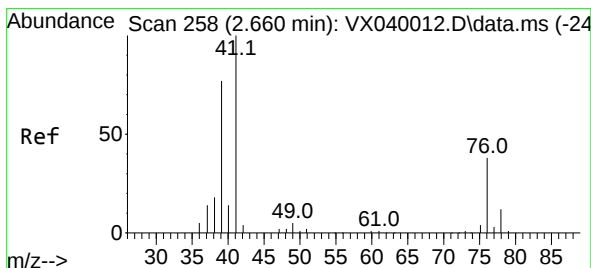
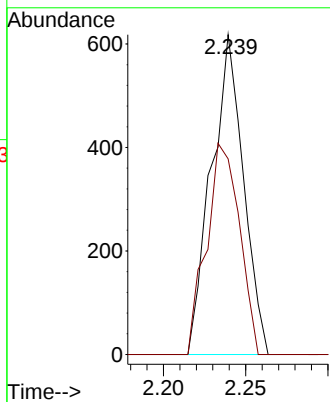
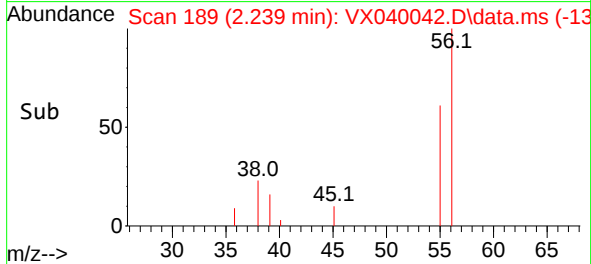
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



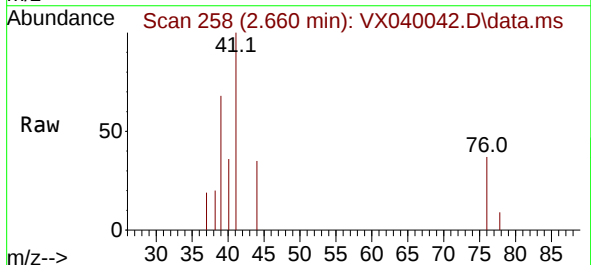
Tgt Ion: 56 Resp: 840
Ion Ratio Lower Upper
56 100
55 67.6 57.1 85.7

Manual Integrations
APPROVED

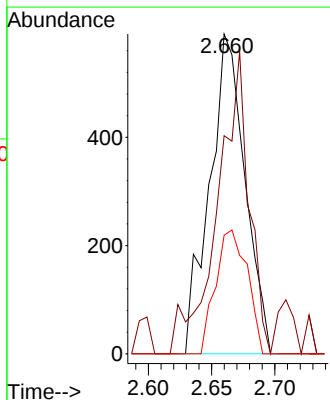
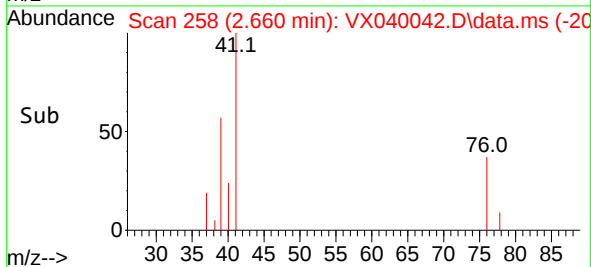
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

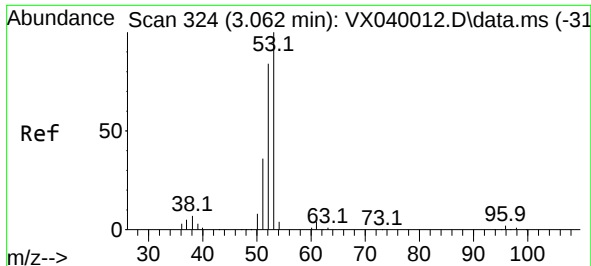


#14
Allyl chloride
Concen: 0.638 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50



Tgt Ion: 41 Resp: 1152
Ion Ratio Lower Upper
41 100
39 83.9 55.8 83.6#
76 34.5 24.3 36.5





#15

Acrylonitrile

Concen: 3.629 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

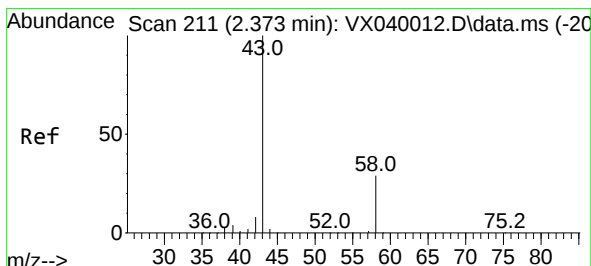
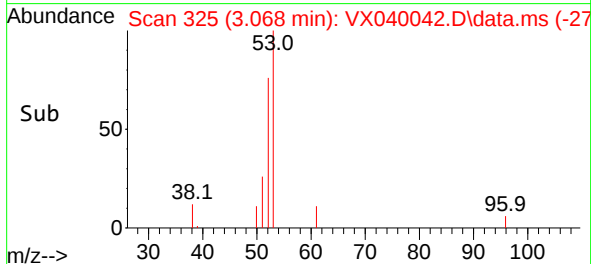
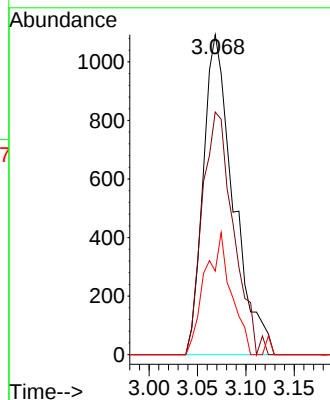
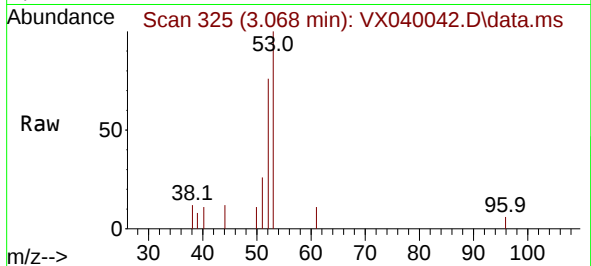
Tgt Ion: 53	Resp: 236
Ion Ratio	Lower Upper
53 100	
52 78.4	66.0 99.0
51 33.2	29.8 44.6

Manual Integrations

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Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#16

Acetone

Concen: 4.077 ug/l

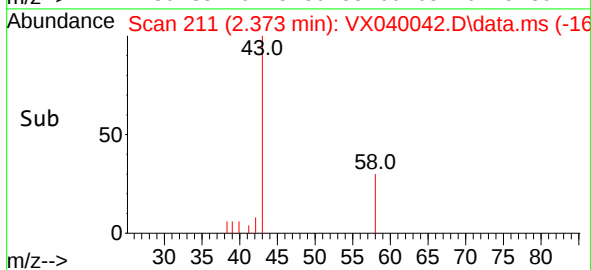
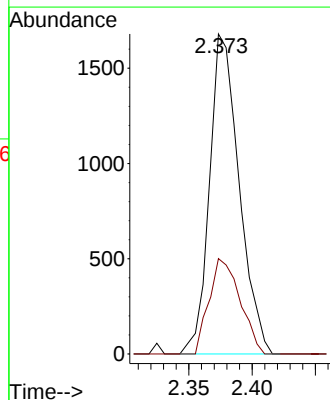
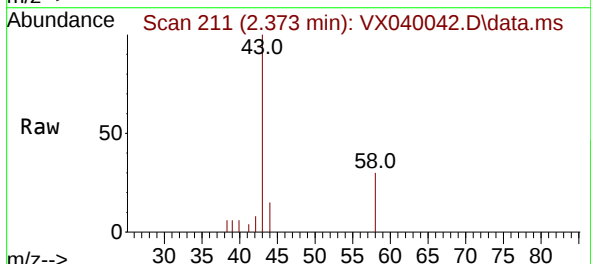
RT: 2.373 min Scan# 211

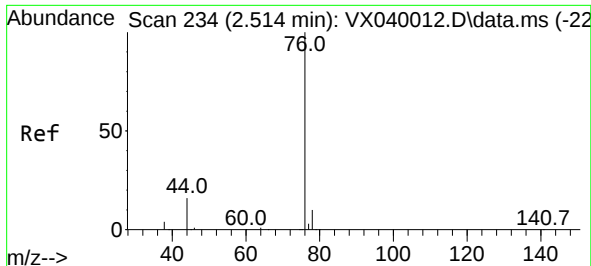
Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

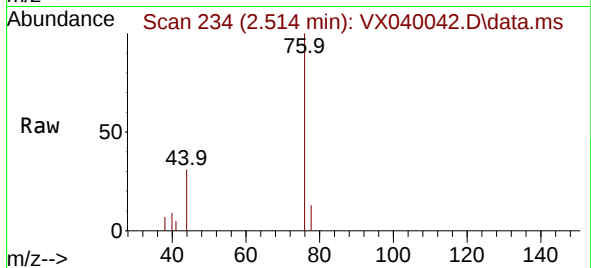
Tgt Ion: 43	Resp: 2739
Ion Ratio	Lower Upper
43 100	
58 29.8	21.9 32.9





#17
Carbon Disulfide
Concen: 0.688 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

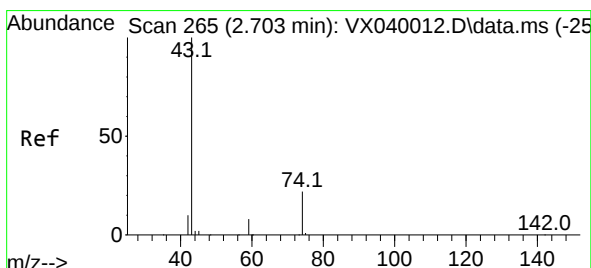
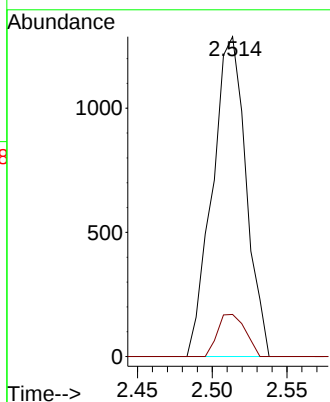
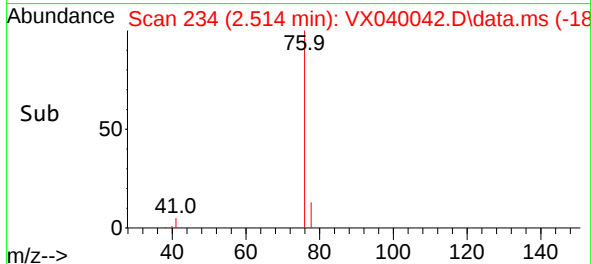
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



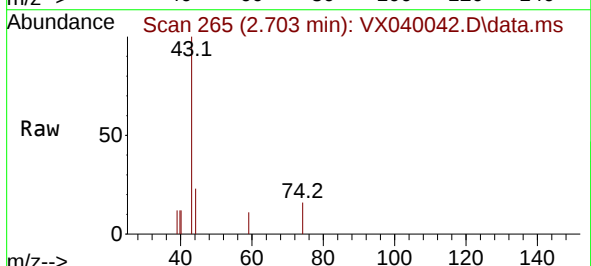
Tgt Ion: 76 Resp: 2015
Ion Ratio Lower Upper
76 100
78 13.2 7.0 10.6

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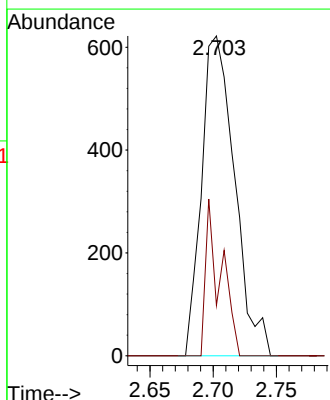
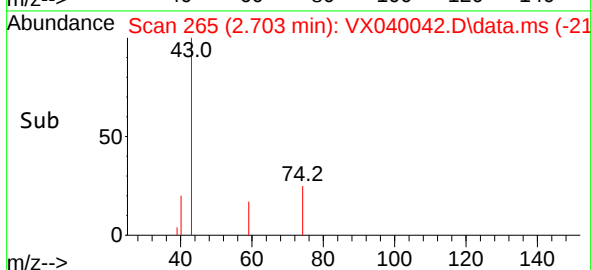
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

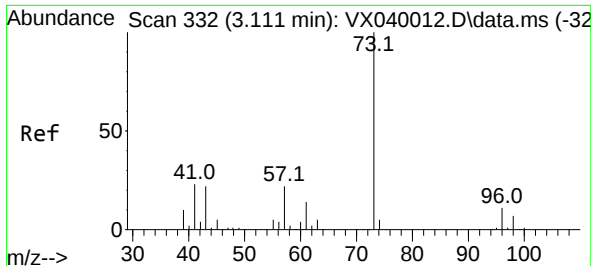


#18
Methyl Acetate
Concen: 0.711 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50



Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8





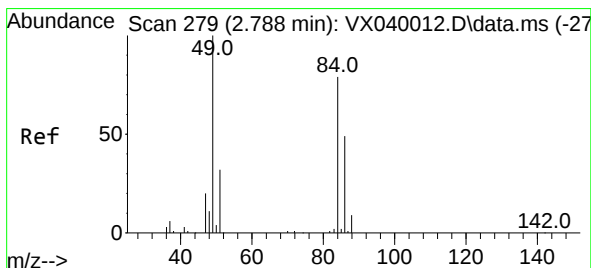
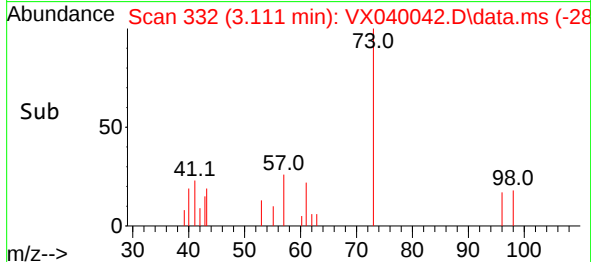
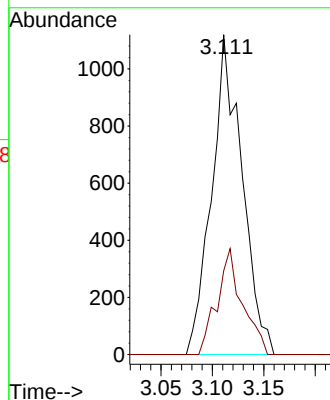
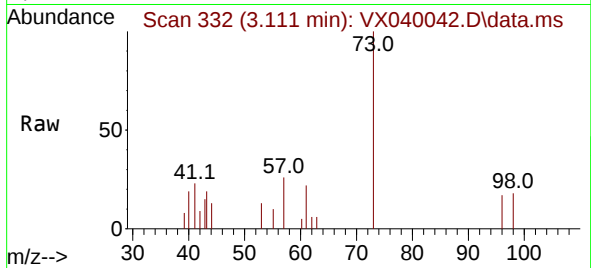
#19
Methyl tert-butyl Ether
Concen: 0.668 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion: 73 Resp: 229
Ion Ratio Lower Upper
73 100
57 26.3 17.3 25.9

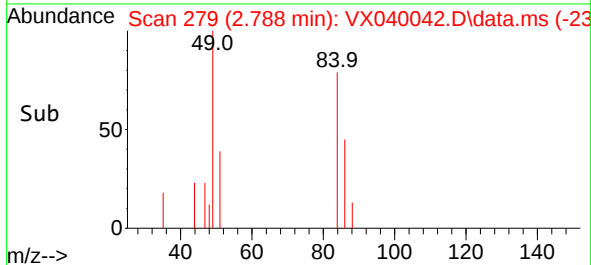
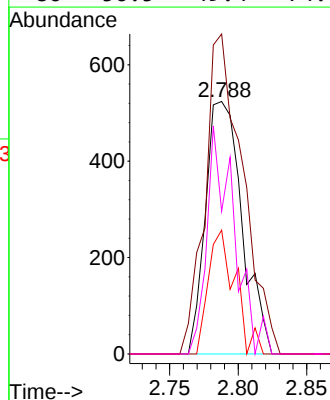
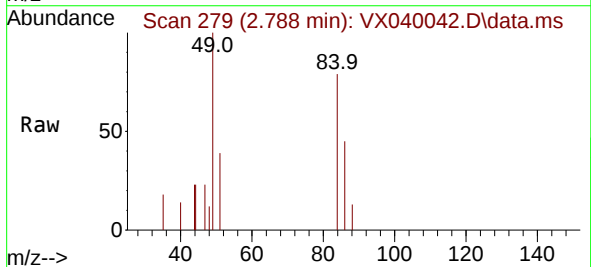
Manual Integrations
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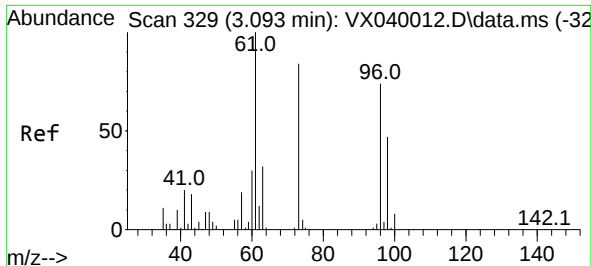
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#20
Methylene Chloride
Concen: 0.816 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

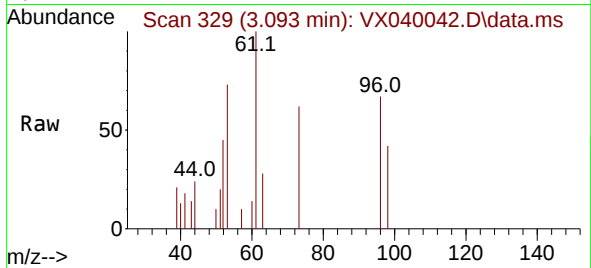
Tgt Ion: 84 Resp: 974
Ion Ratio Lower Upper
84 100
49 126.7 103.6 155.4
51 49.0 33.8 50.6
86 56.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 0.737 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

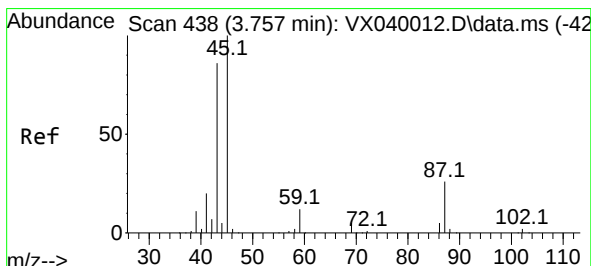
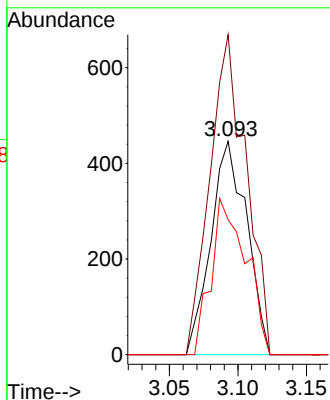
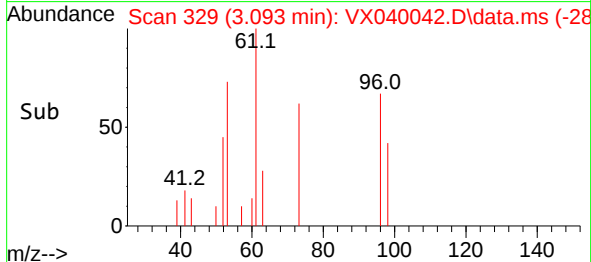
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



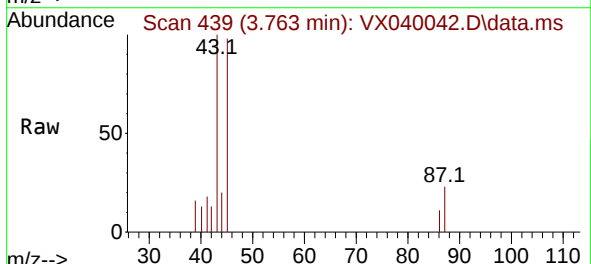
Tgt Ion: 96 Resp: 81
Ion Ratio Lower Upper
96 100
61 150.0 119.2 178.8
98 63.2 48.7 73.1

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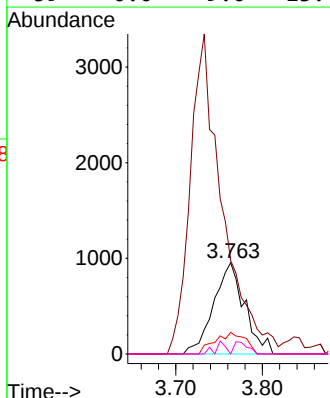
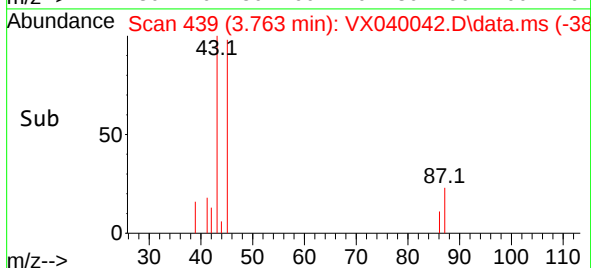
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

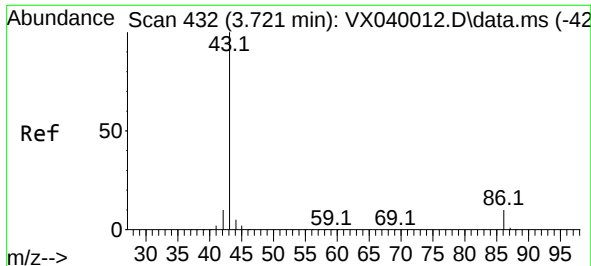


#22
Diisopropyl ether
Concen: 0.679 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50



Tgt Ion: 45 Resp: 2374
Ion Ratio Lower Upper
45 100
43 94.4 69.7 104.5
87 23.8 20.8 31.2
59 0.0 9.0 13.4





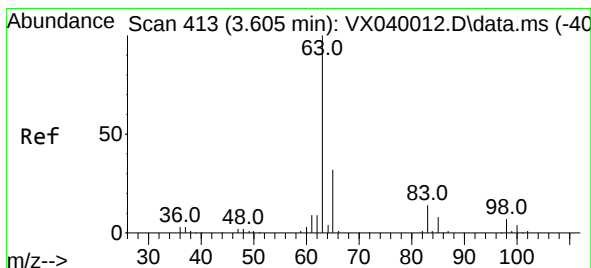
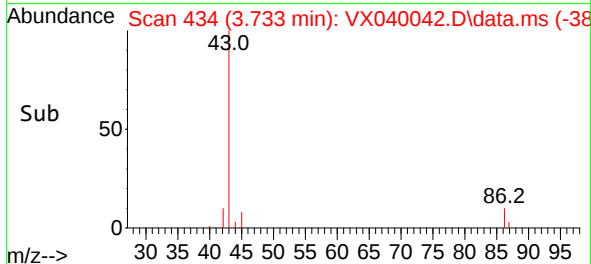
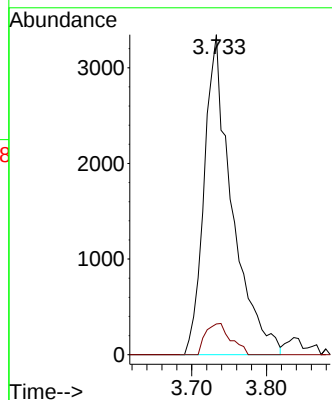
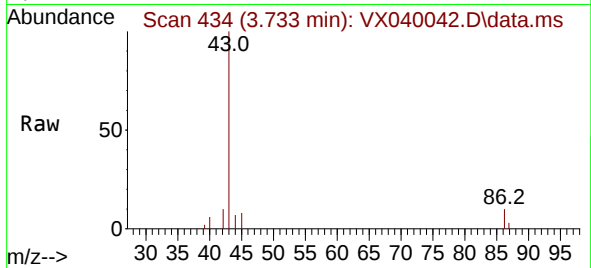
#23
 Vinyl Acetate
 Concen: 2.754 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VX040042.D
 Acq: 31 Jan 2024 12:50

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 862
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8

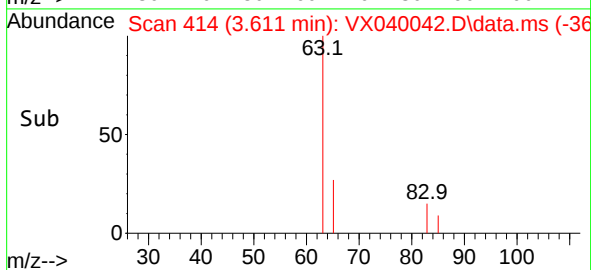
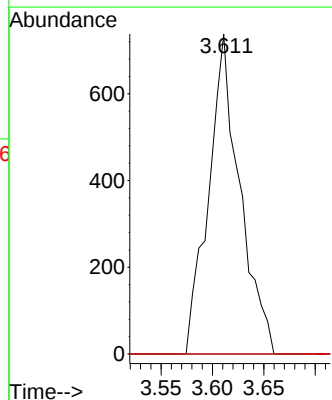
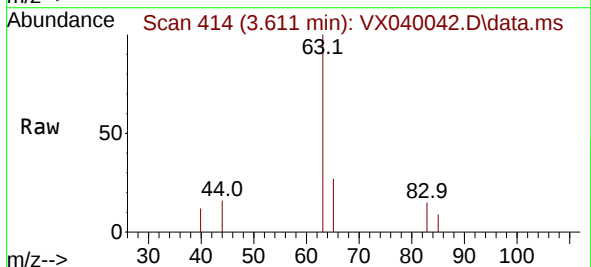
Manual Integrations
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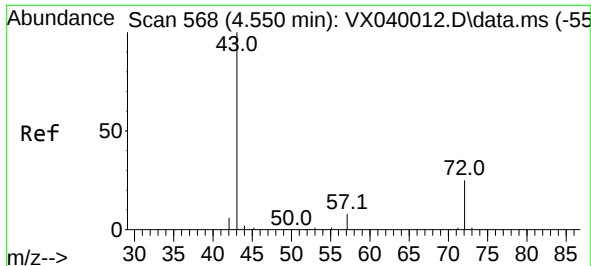
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#24
 1,1-Dichloroethane
 Concen: 0.779 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX040042.D
 Acq: 31 Jan 2024 12:50

Tgt Ion: 63 Resp: 1561
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 3.551 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 3310

Ion Ratio Lower Upper

43 100

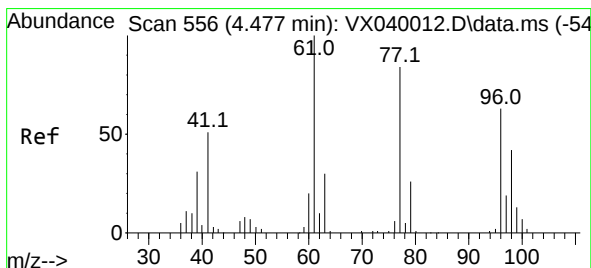
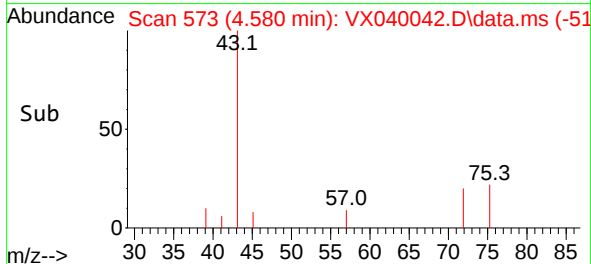
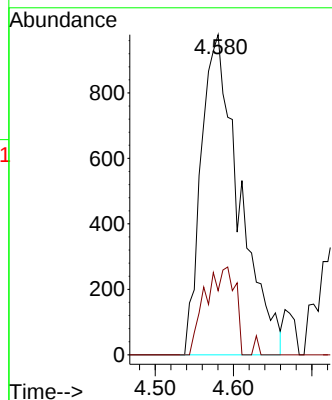
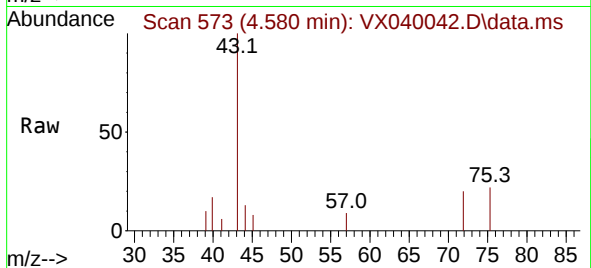
72 20.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#26

2,2-Dichloropropane

Concen: 0.766 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX040042.D

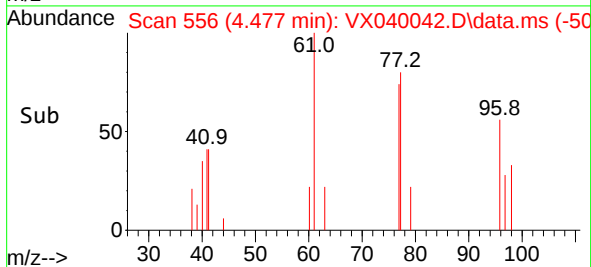
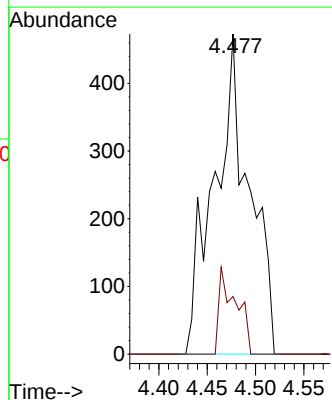
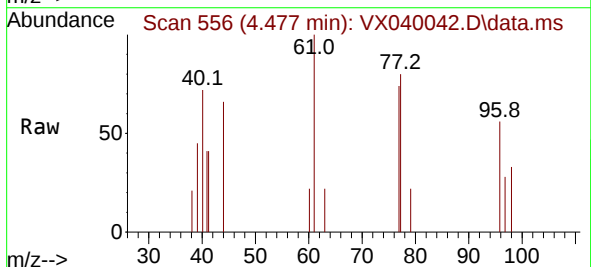
Acq: 31 Jan 2024 12:50

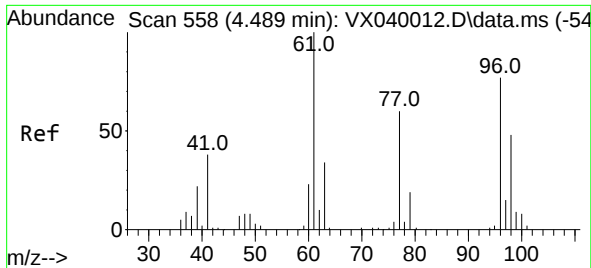
Tgt Ion: 77 Resp: 1197

Ion Ratio Lower Upper

77 100

97 13.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.814 ug/l

RT: 4.495 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

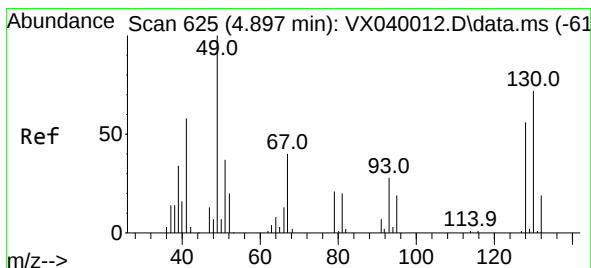
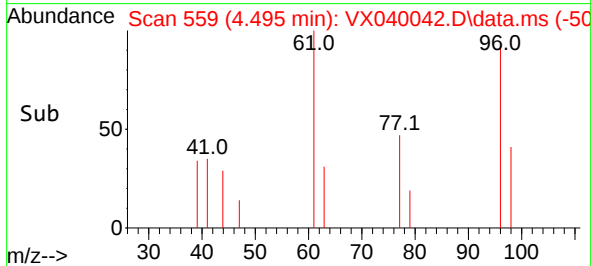
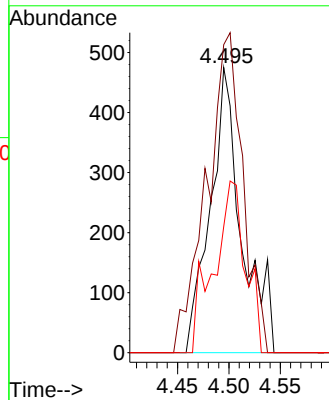
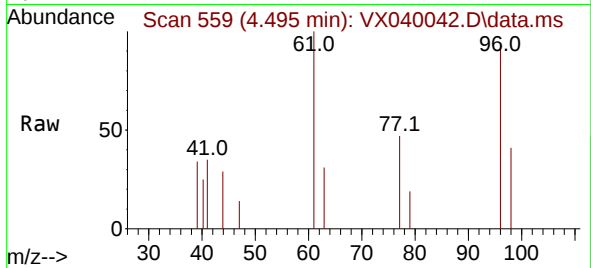
Tgt Ion: 96	Resp: 100
Ion Ratio	Lower Upper
96 100	
61 130.0	0.0 312.2
98 61.5	0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#28

Bromochloromethane

Concen: 0.660 ug/l

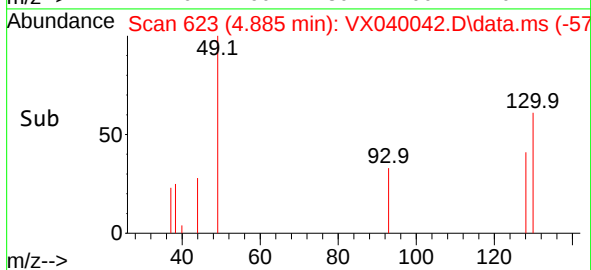
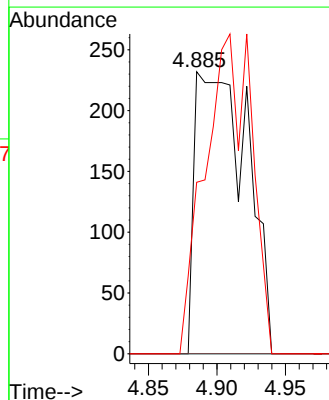
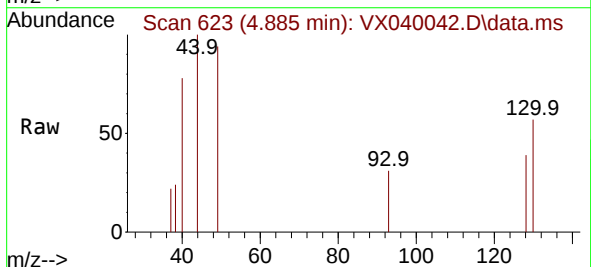
RT: 4.885 min Scan# 623

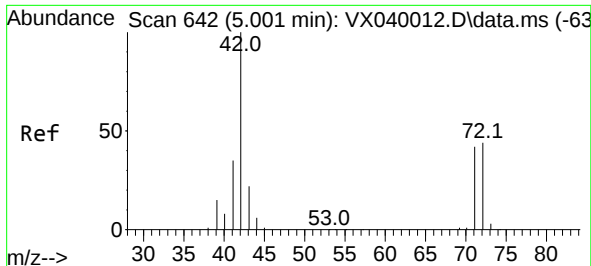
Delta R.T. -0.012 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion: 49	Resp: 617
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 3.8
130 0.0	57.5 86.3





#29

Tetrahydrofuran

Concen: 3.137 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.012 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

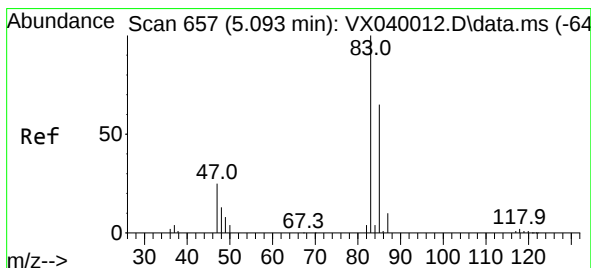
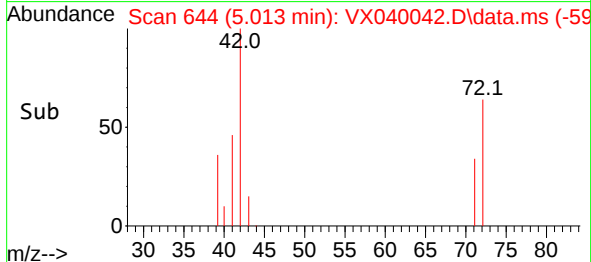
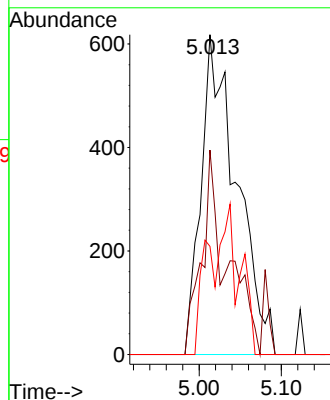
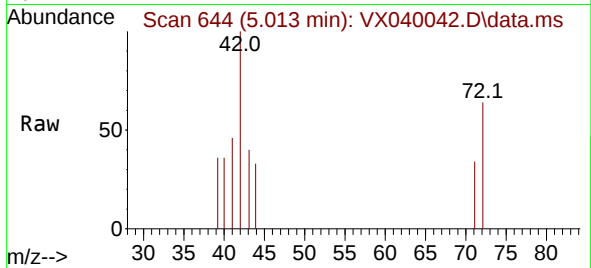
Tgt Ion:	42	Resp:	186
Ion Ratio	Lower	Upper	
42	100		
72	30.1	34.2	51.4
71	14.0	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#30

Chloroform

Concen: 0.737 ug/l m

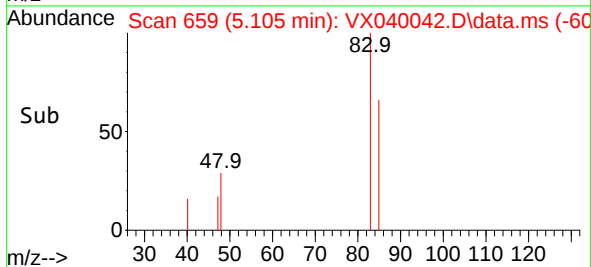
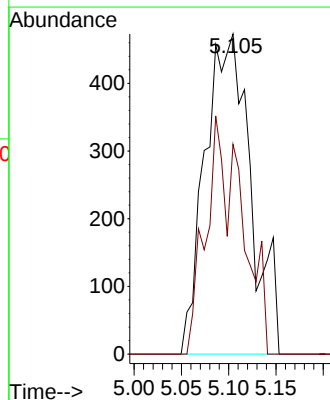
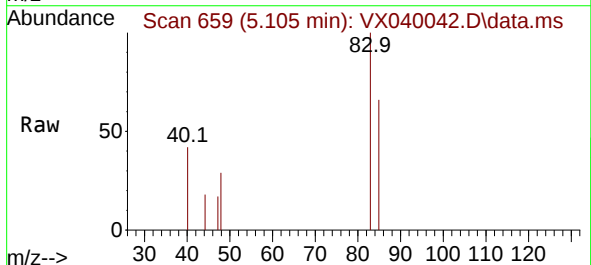
RT: 5.105 min Scan# 659

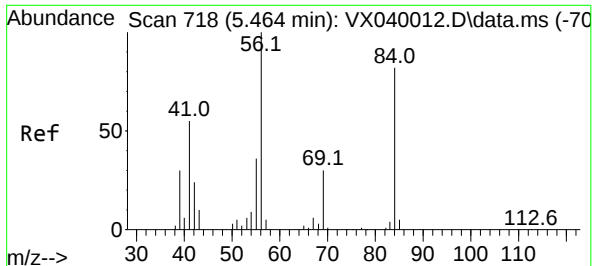
Delta R.T. 0.012 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

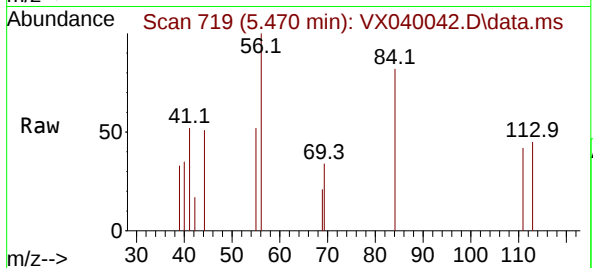
Tgt Ion:	83	Resp:	1586
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.3	75.5





#31
Cyclohexane
Concen: 0.622 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

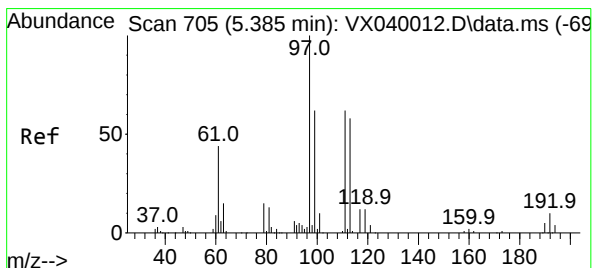
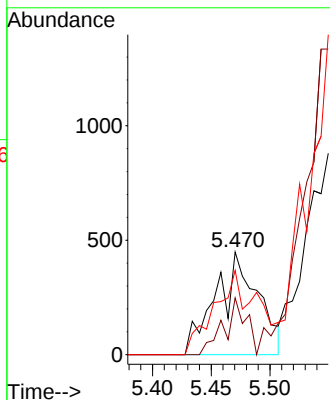
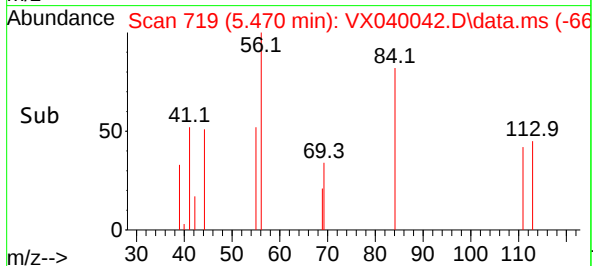
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



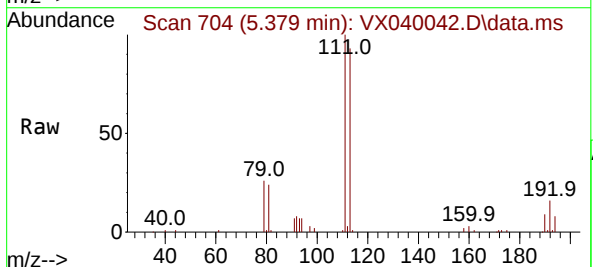
Tgt Ion: 56 Resp: 111
Ion Ratio Lower Upper
56 100
69 55.2 23.4 35.2
84 82.0 65.9 98.9

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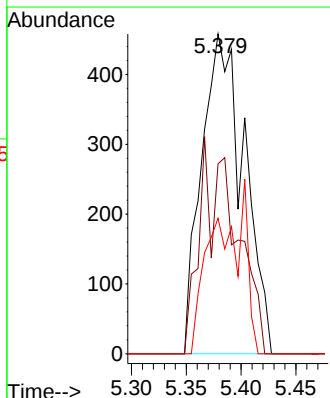
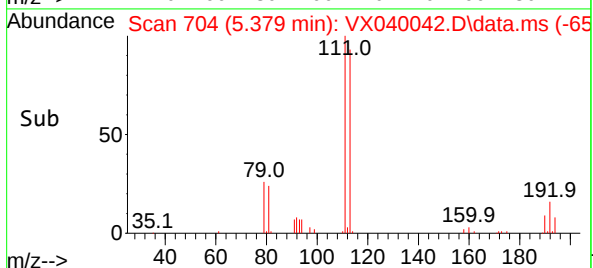
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

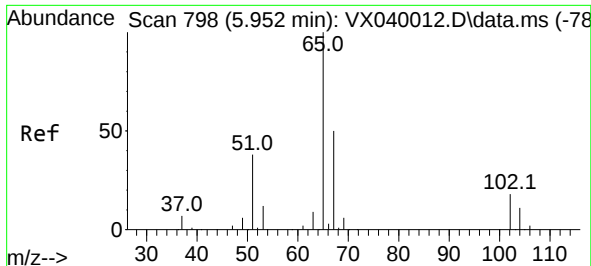


#32
1,1,1-Trichloroethane
Concen: 0.667 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50



Tgt Ion: 97 Resp: 1232
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 22.0 36.4 54.6#





#33

1,2-Dichloroethane-d4

Concen: 50.227 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 65 Resp: 7201

Ion Ratio Lower Upper

65 100

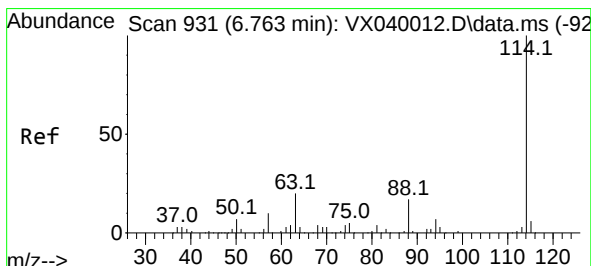
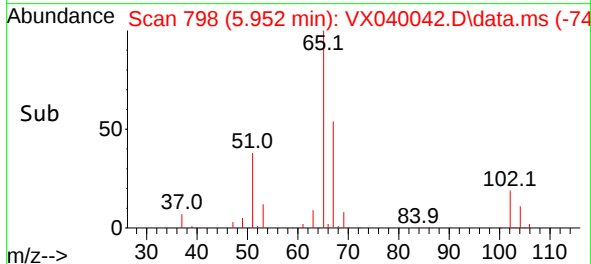
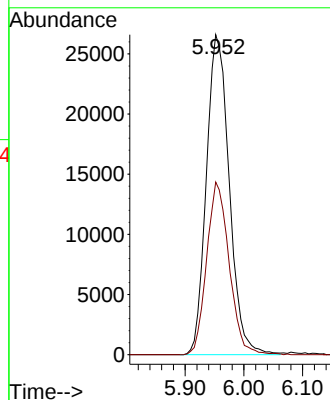
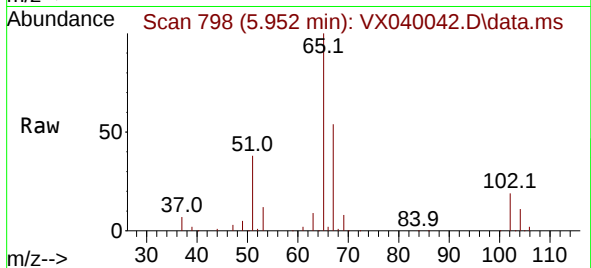
67 53.1 0.0 100.2

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: VX040042.D

Acq: 31 Jan 2024 12:50

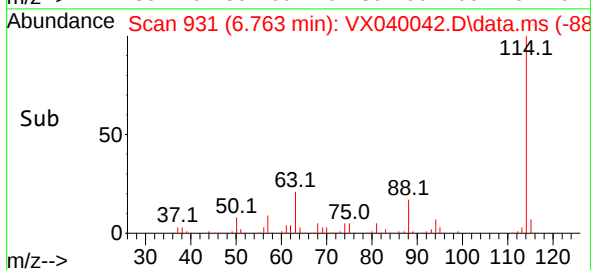
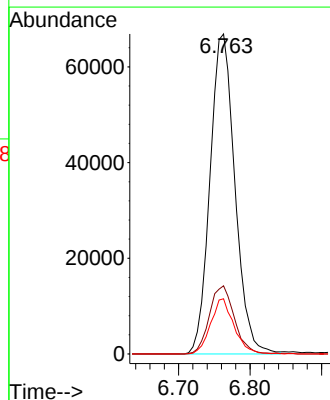
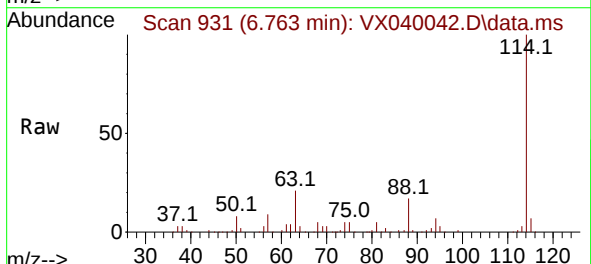
Tgt Ion:114 Resp: 162076

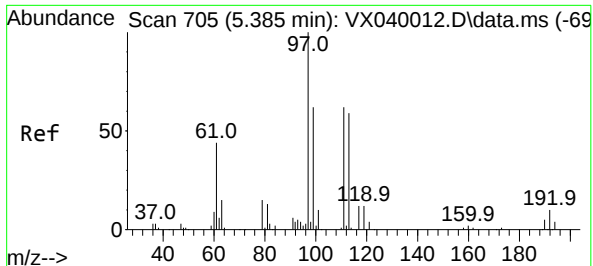
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.0

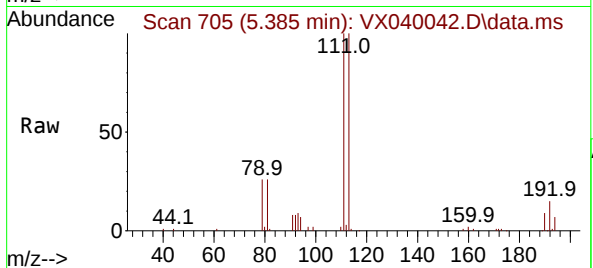
88 17.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.484 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

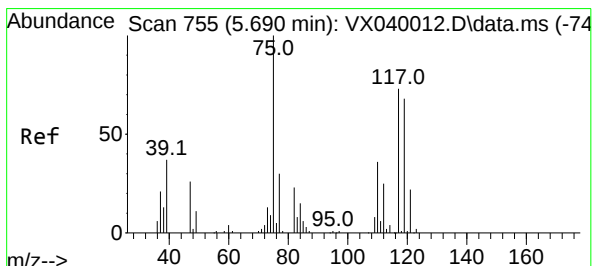
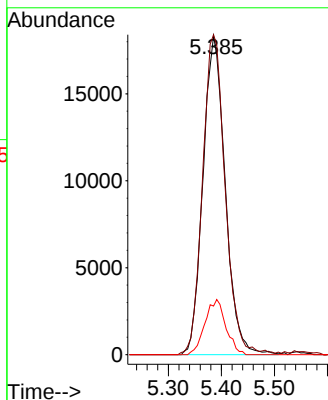
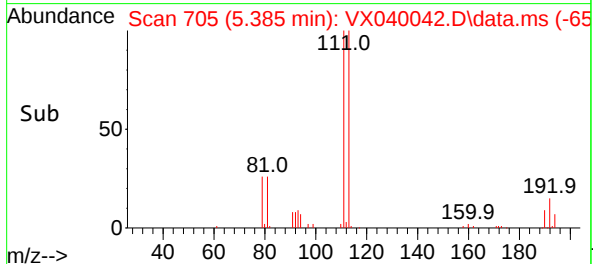
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 113 Resp: 5349
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 16.3 13.3 19.9

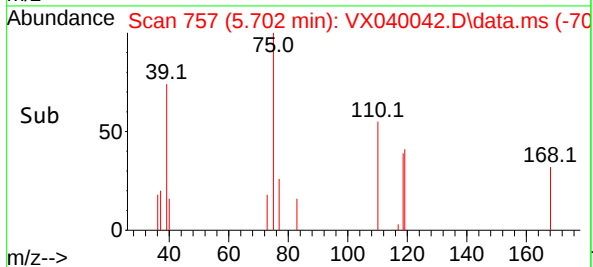
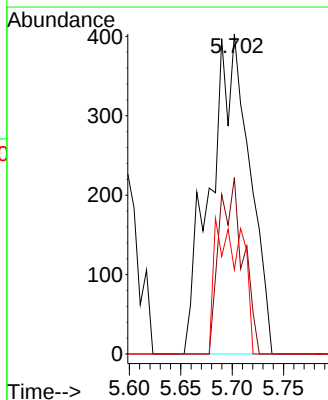
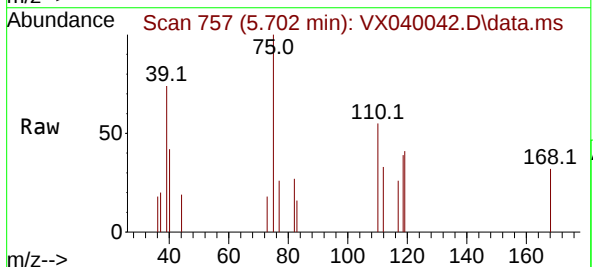
Manual Integrations
APPROVED

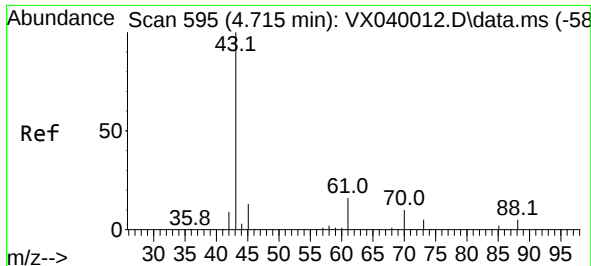
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#36
1,1-Dichloropropene
Concen: 0.675 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.012 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

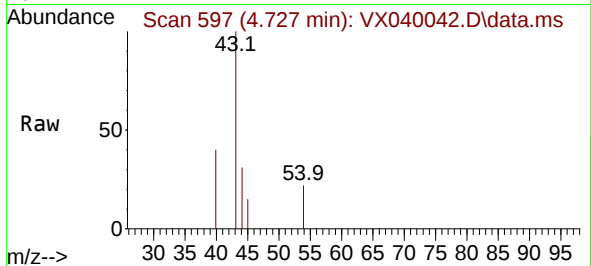
Tgt Ion: 75 Resp: 1077
Ion Ratio Lower Upper
75 100
110 33.1 17.0 50.9
77 28.7 24.7 37.1





#37
Ethyl Acetate
Concen: 0.815 ug/l m
RT: 4.727 min Scan# 595
Delta R.T. 0.012 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

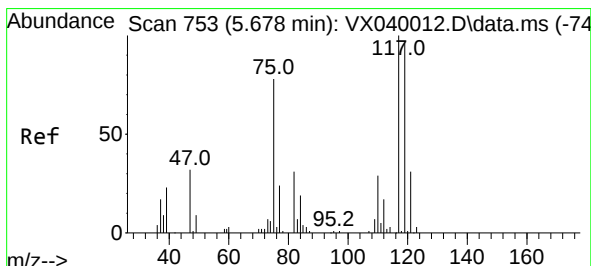
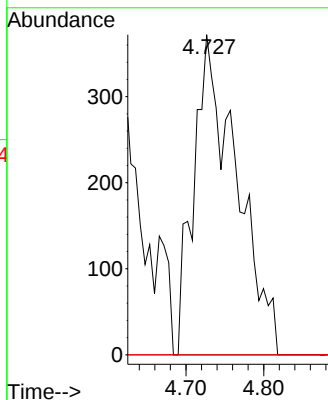
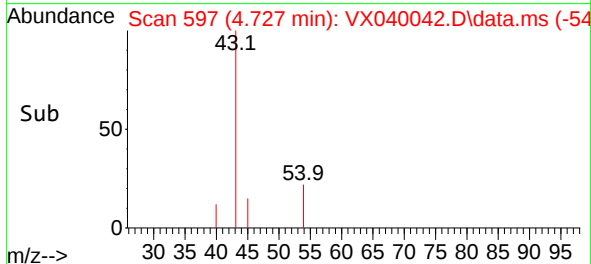
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 1420
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0
70 0.0 8.3 12.5

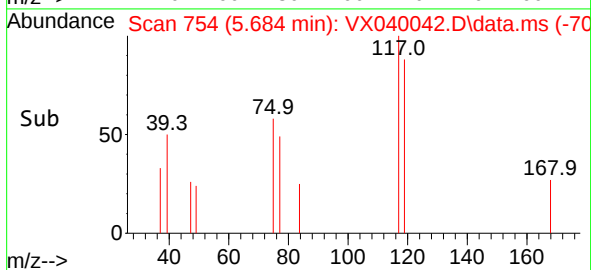
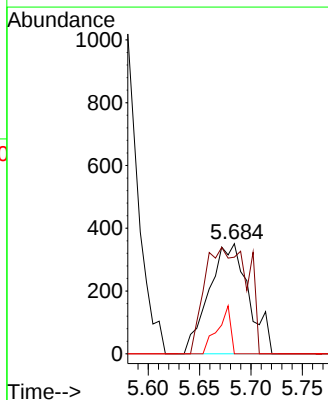
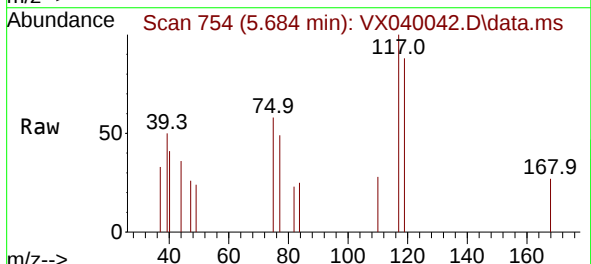
Manual Integrations
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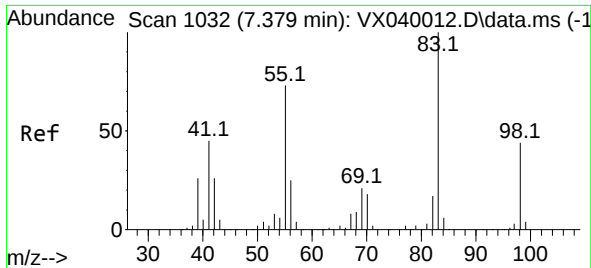
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#38
Carbon Tetrachloride
Concen: 0.616 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion:117 Resp: 941
Ion Ratio Lower Upper
117 100
119 87.7 78.2 117.2
121 0.0 24.4 36.6





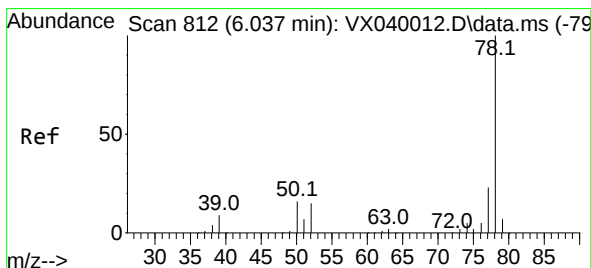
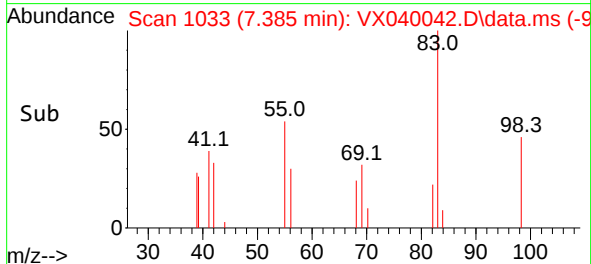
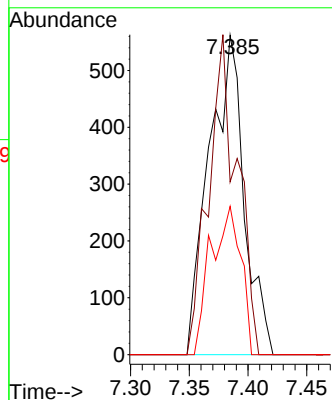
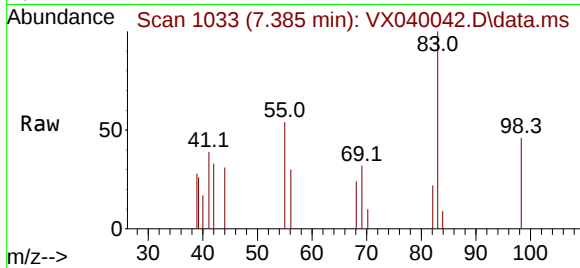
#39
Methylcyclohexane
Concen: 0.601 ug/l
RT: 7.385 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 83 Resp: 1160
Ion Ratio Lower Upper
83 100
55 54.1 64.6 97.0
98 46.4 36.7 55.1

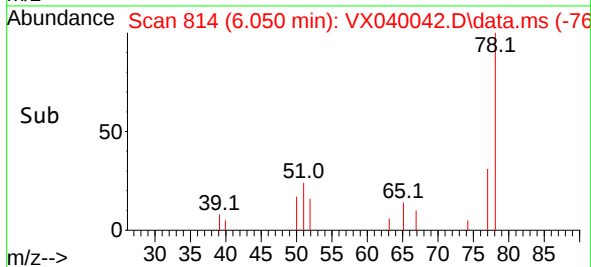
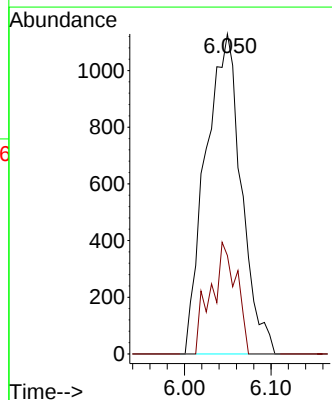
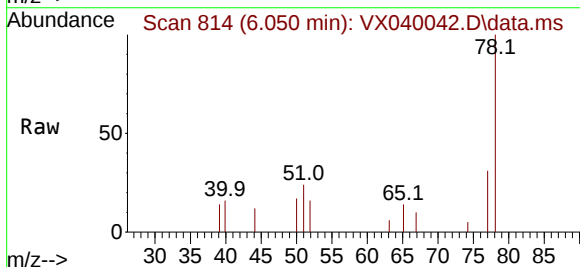
Manual Integrations
APPROVED

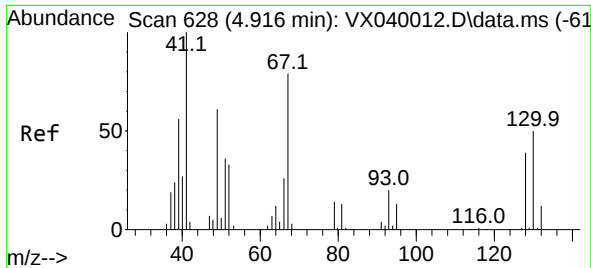
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#40
Benzene
Concen: 0.696 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

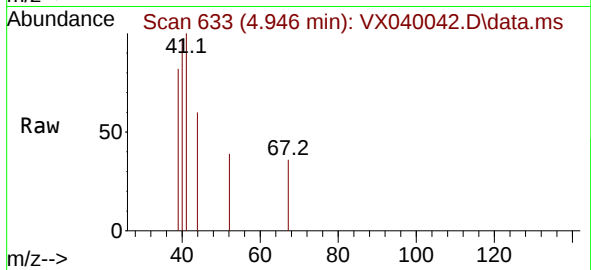
Tgt Ion: 78 Resp: 3234
Ion Ratio Lower Upper
78 100
77 30.7 19.3 28.9





#41
Methacrylonitrile
Concen: 0.550 ug/l m
RT: 4.946 min Scan# 61
Delta R.T. 0.030 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

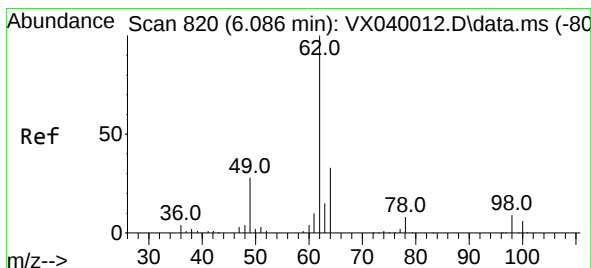
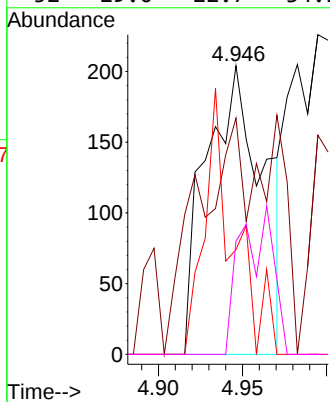
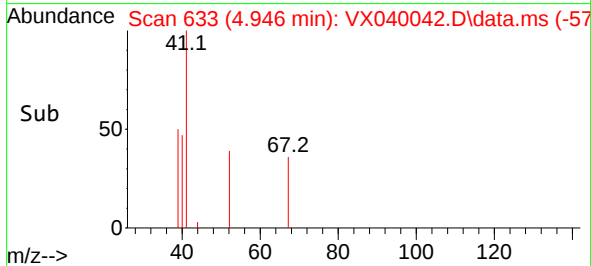
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 41 Resp: 480
Ion Ratio Lower Upper
41 100
39 14.4 45.2 67.8
67 0.0 52.6 78.8
52 29.0 22.7 34.1

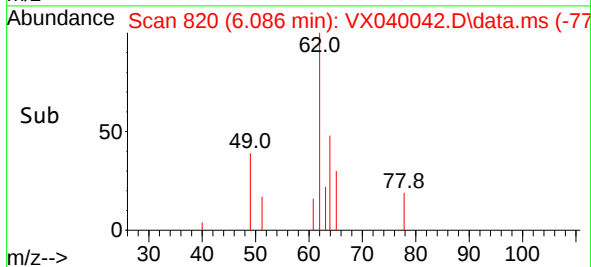
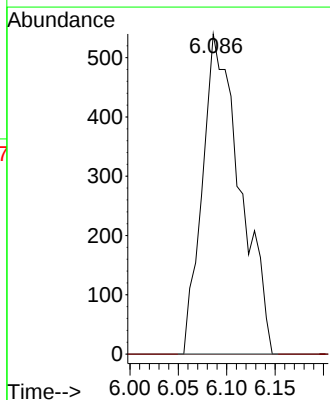
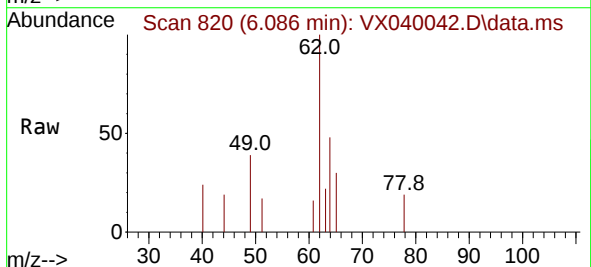
Manual Integrations
APPROVED

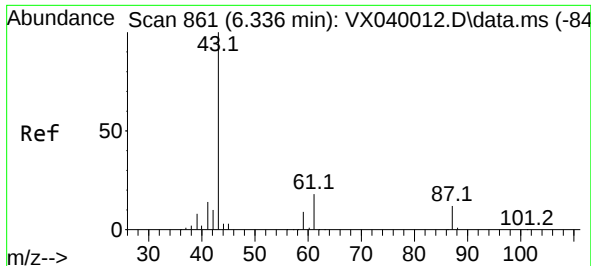
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#42
1,2-Dichloroethane
Concen: 0.824 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 62 Resp: 1474
Ion Ratio Lower Upper
62 100
98 0.0 0.0 16.0





#43

Isopropyl Acetate

Concen: 0.638 ug/l

RT: 6.360 min Scan# 865

Delta R.T. 0.024 min

Lab File: VX040042.D

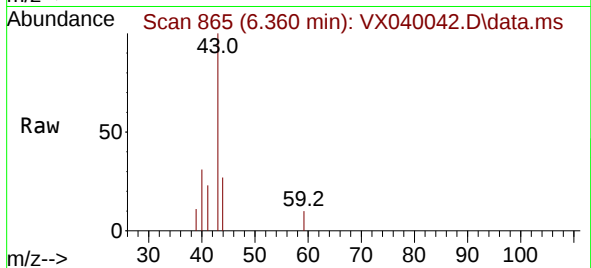
Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



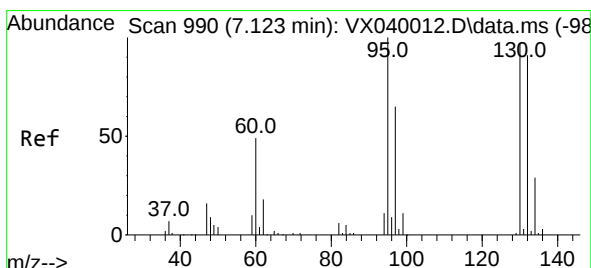
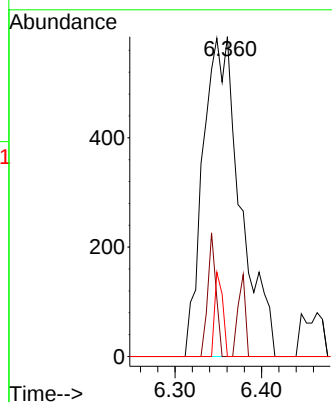
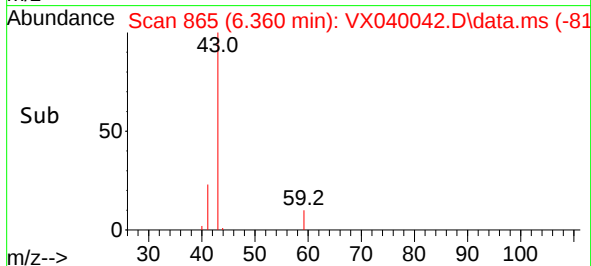
Tgt Ion: 43	Resp: 175
Ion Ratio	Lower Upper
43	100
61	5.0 15.2 22.8
87	0.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#44

Trichloroethene

Concen: 0.704 ug/l

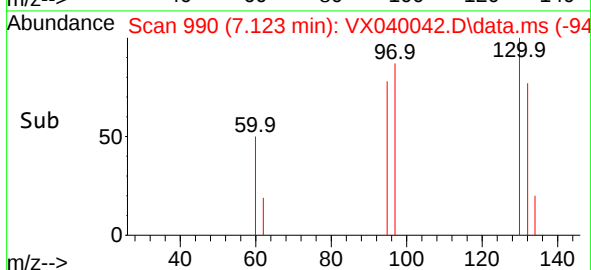
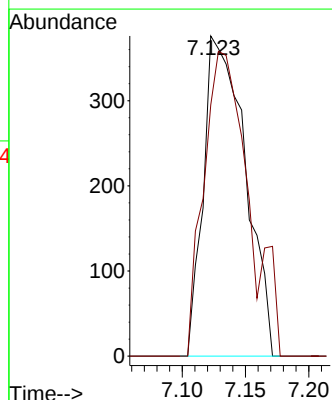
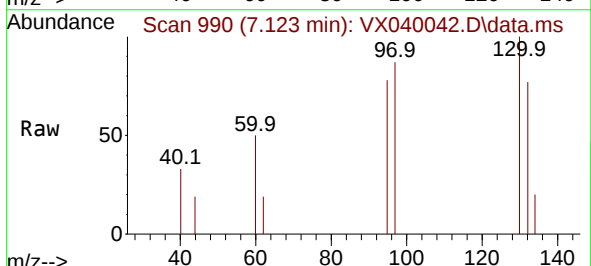
RT: 7.123 min Scan# 990

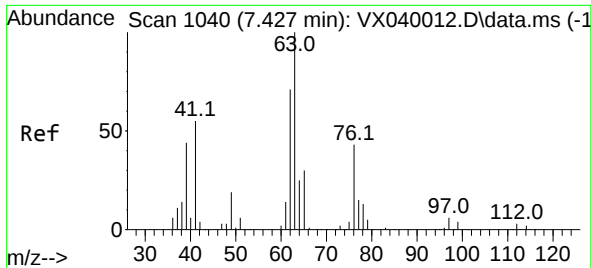
Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion:130	Resp: 861
Ion Ratio	Lower Upper
130	100
95	78.5 0.0 204.4





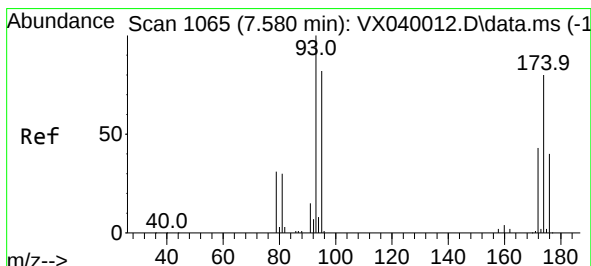
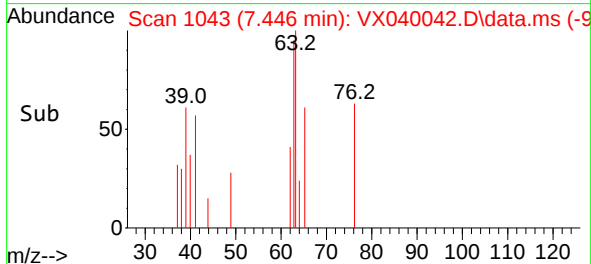
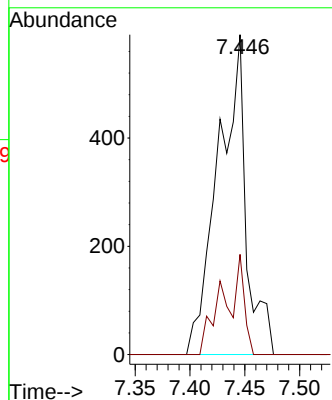
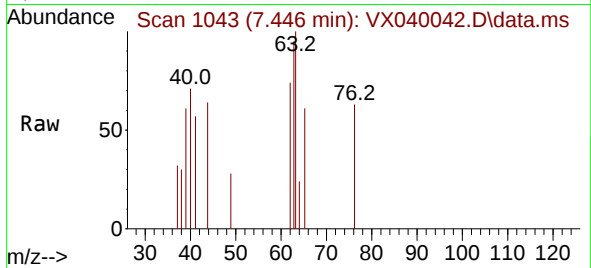
#45
1,2-Dichloropropane
Concen: 0.854 ug/l
RT: 7.446 min Scan# 1043
Delta R.T. 0.018 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion: 63 Resp: 1043
Ion Ratio Lower Upper
63 100
65 31.3 24.3 36.5

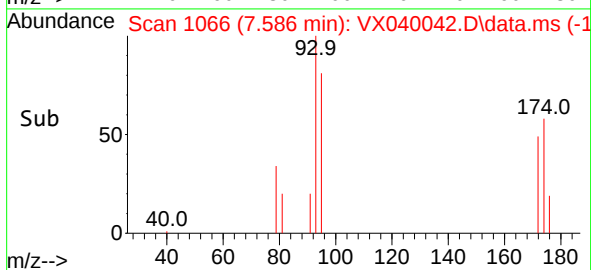
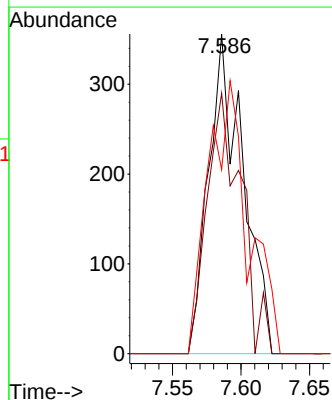
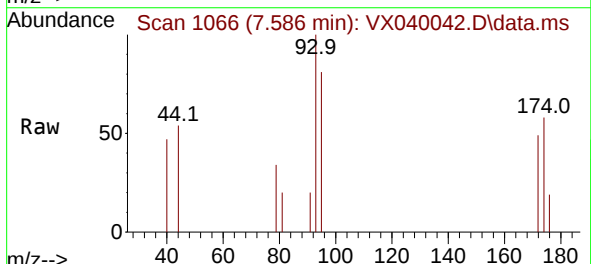
Manual Integrations
APPROVED

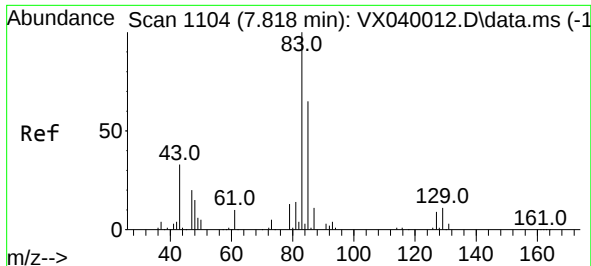
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#46
Dibromomethane
Concen: 0.674 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

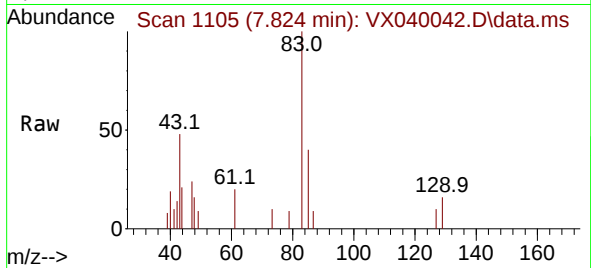
Tgt Ion: 93 Resp: 621
Ion Ratio Lower Upper
93 100
95 80.8 66.6 100.0
174 99.0 69.4 104.0





#47
Bromodichloromethane
Concen: 0.737 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

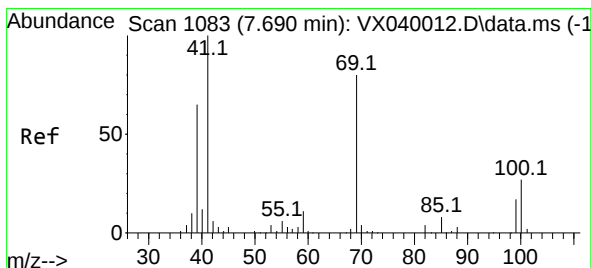
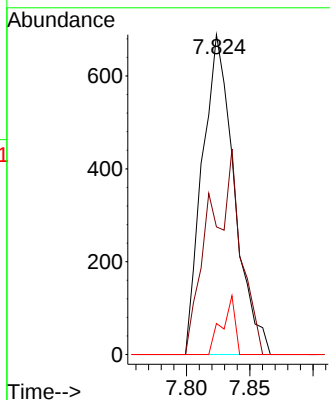
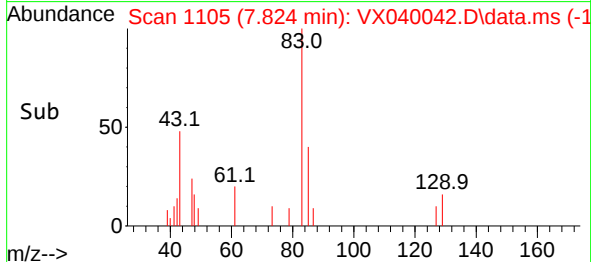
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



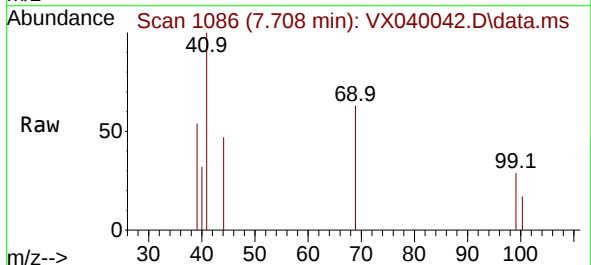
Tgt Ion: 83 Resp: 1209
Ion Ratio Lower Upper
83 100
85 39.9 49.8 74.6
127 9.7 7.1 10.7

Manual Integrations
APPROVED

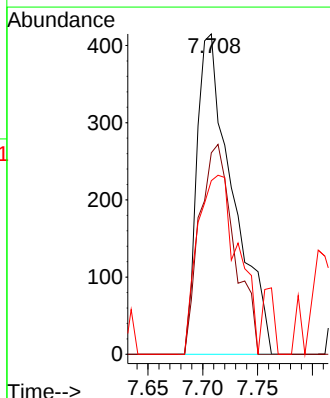
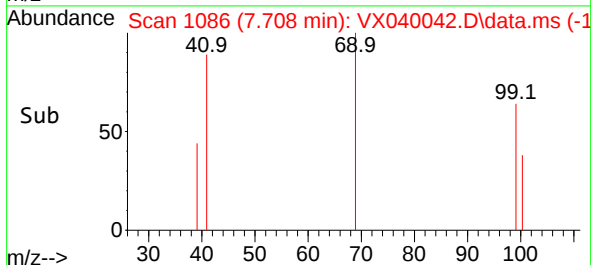
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

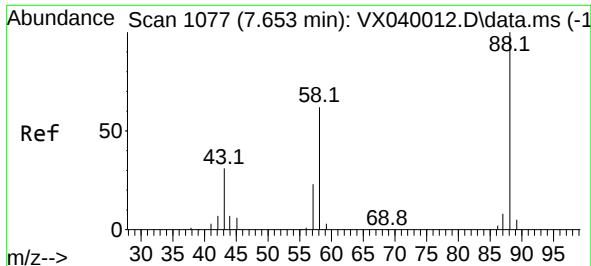


#48
Methyl methacrylate
Concen: 0.694 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.018 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50



Tgt Ion: 41 Resp: 940
Ion Ratio Lower Upper
41 100
69 63.6 59.2 88.8
39 63.3 47.7 71.5





#49

1,4-Dioxane

Concen: 10.096 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.024 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 88 Resp: 297

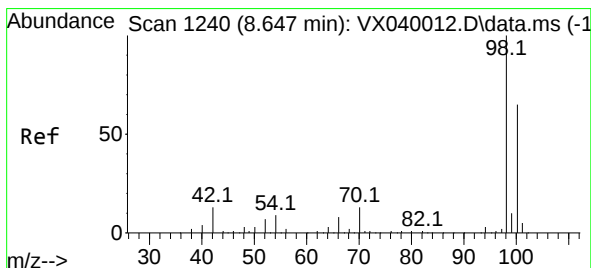
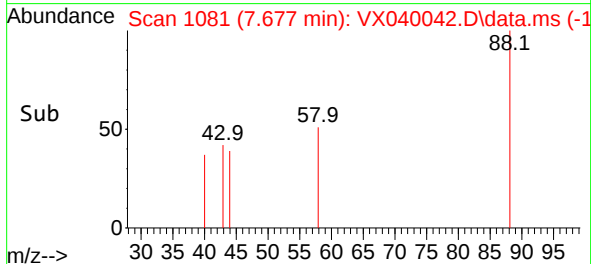
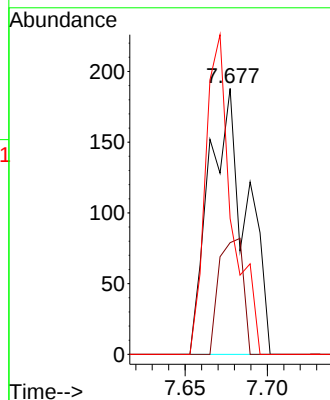
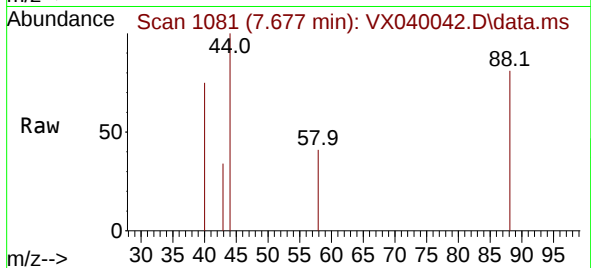
Ion	Ratio	Lower	Upper
88	100		
43	28.3	0.0	0.0
58	85.2	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#50

Toluene-d8

Concen: 47.597 ug/l

RT: 8.647 min Scan# 1240

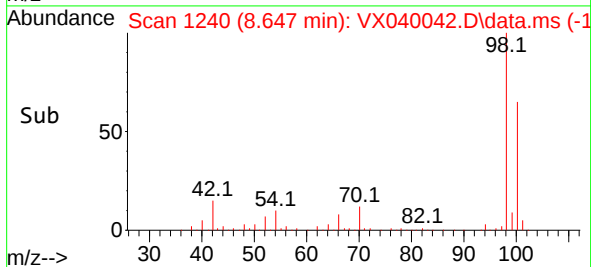
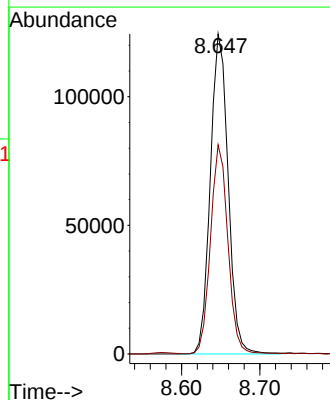
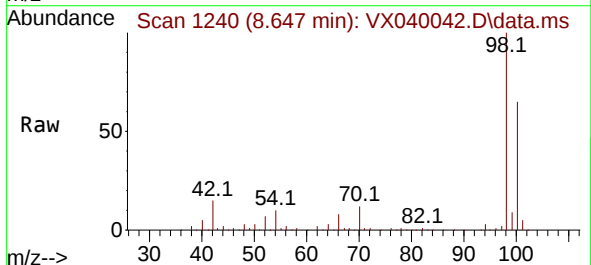
Delta R.T. -0.000 min

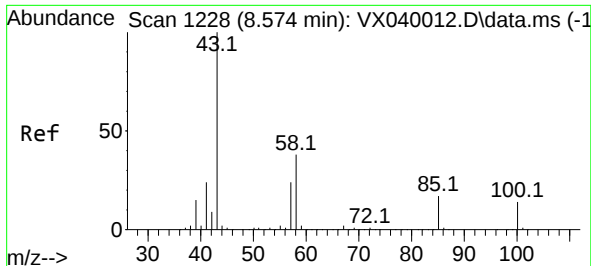
Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion: 98 Resp: 196386

Ion	Ratio	Lower	Upper
98	100		
100	63.5	53.1	79.7





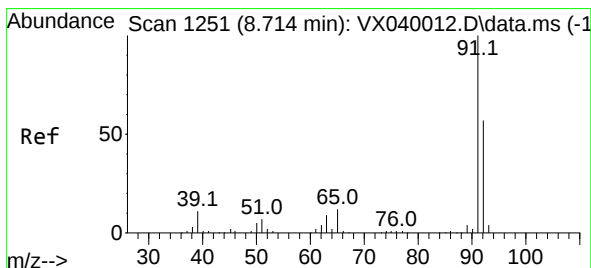
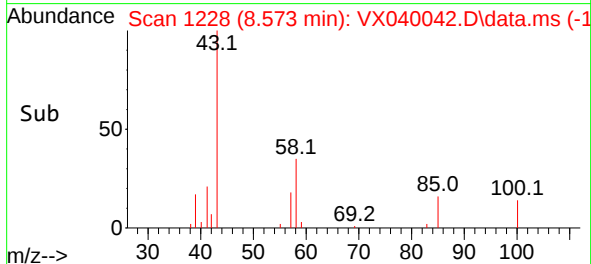
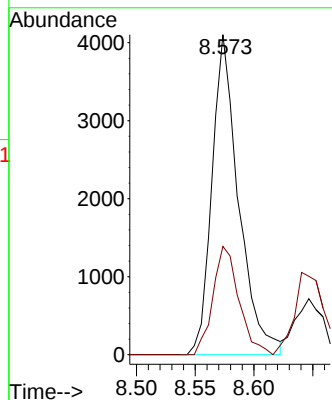
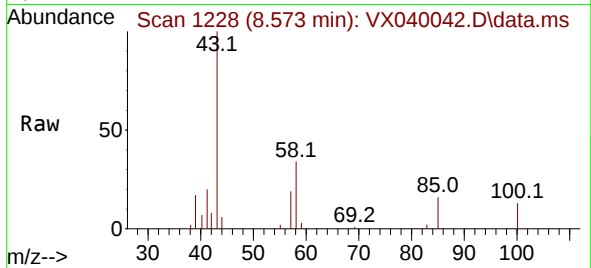
#51
4-Methyl-2-Pentanone
Concen: 3.445 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 33.0 30.4 45.6

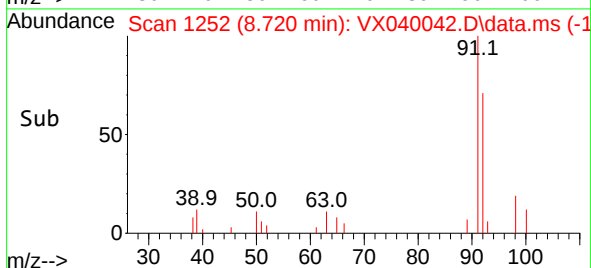
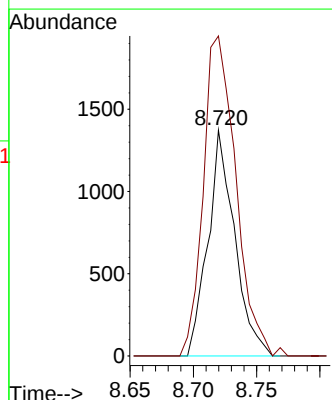
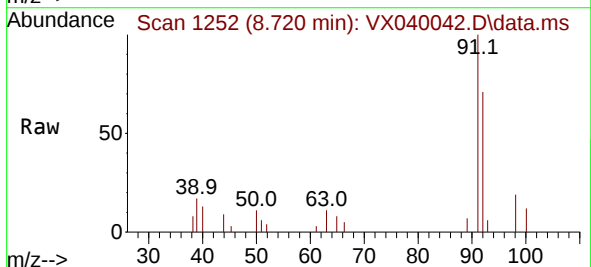
Manual Integrations
APPROVED

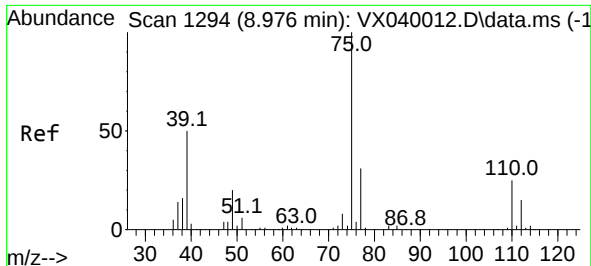
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#52
Toluene
Concen: 0.697 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 92 Resp: 2020
Ion Ratio Lower Upper
92 100
91 172.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 0.584 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion: 75 Resp: 994

Ion Ratio Lower Upper

75 100

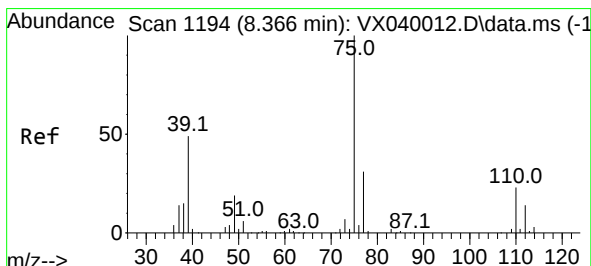
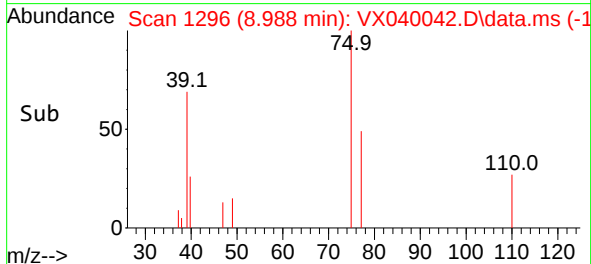
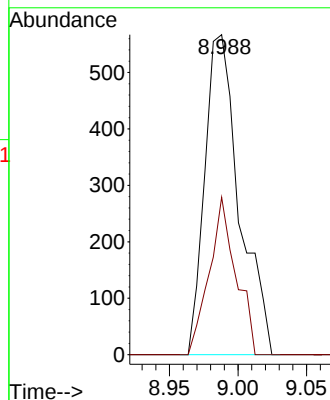
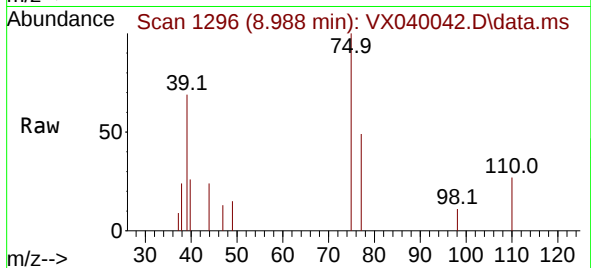
77 49.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#54

cis-1,3-Dichloropropene

Concen: 0.609 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

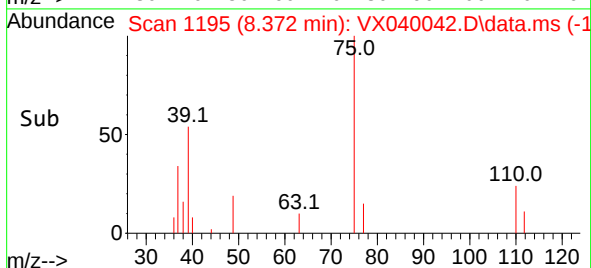
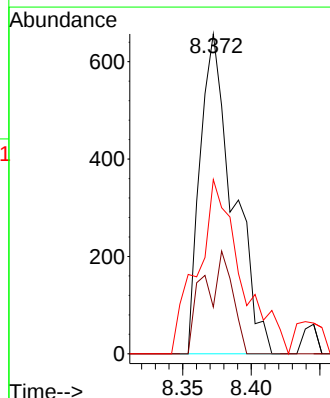
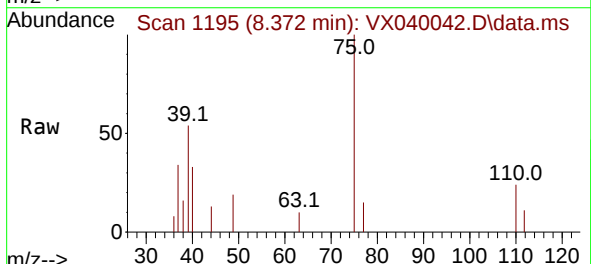
Tgt Ion: 75 Resp: 1105

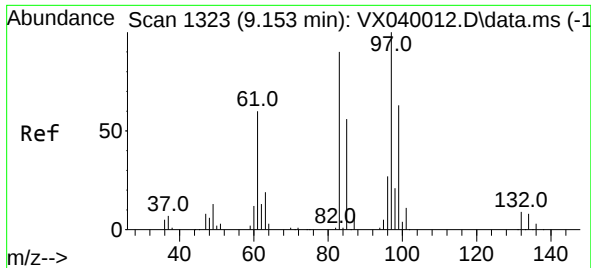
Ion Ratio Lower Upper

75 100

77 14.6 25.3 37.9

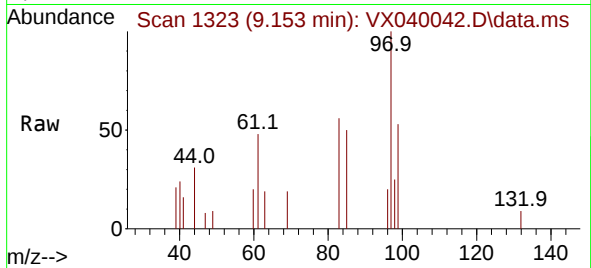
39 46.9 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 0.718 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

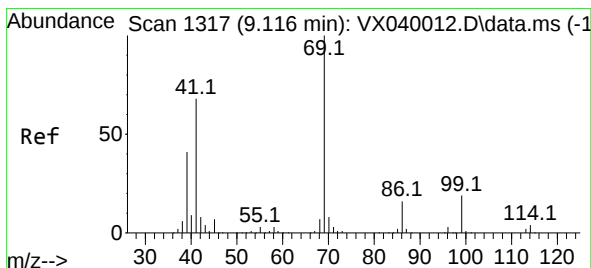
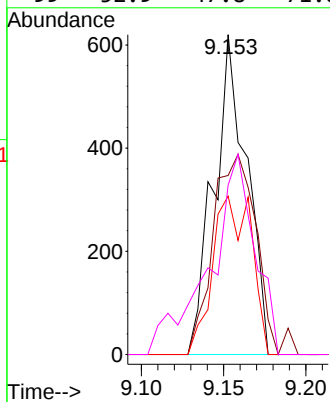
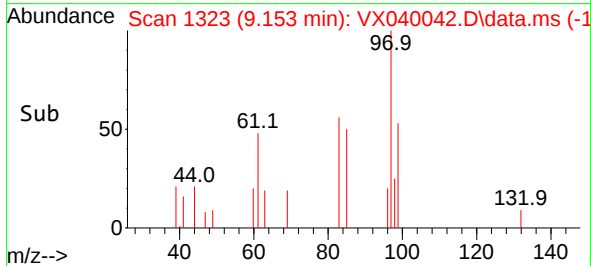
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



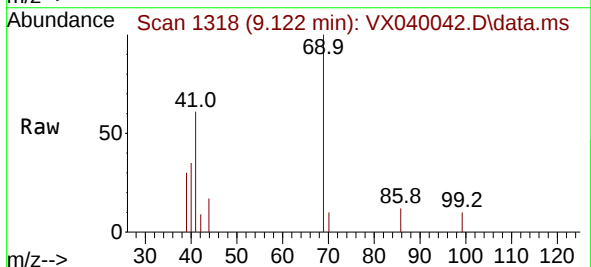
Tgt Ion	Ratio	Lower	Upper
97	100		
83	56.0	65.8	98.8
85	49.5	41.6	62.4
99	52.9	47.8	71.8

Manual Integrations
APPROVED

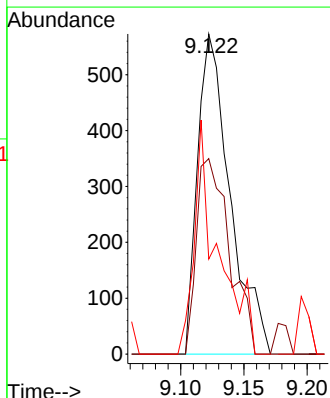
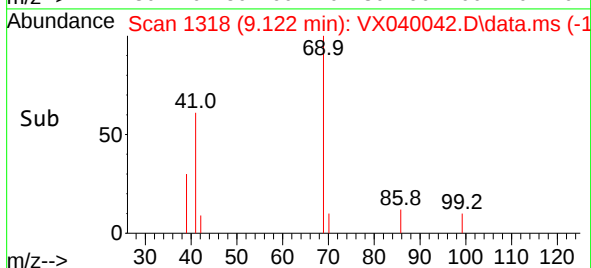
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

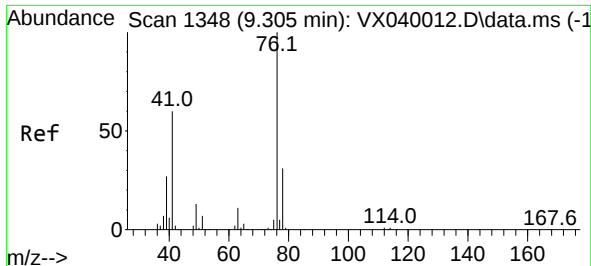


#56
Ethyl methacrylate
Concen: 0.586 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50



Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.0	56.8	85.2
39	53.1	32.0	48.0





#57

1,3-Dichloropropane

Concen: 0.632 ug/l

RT: 9.305 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX040042.D

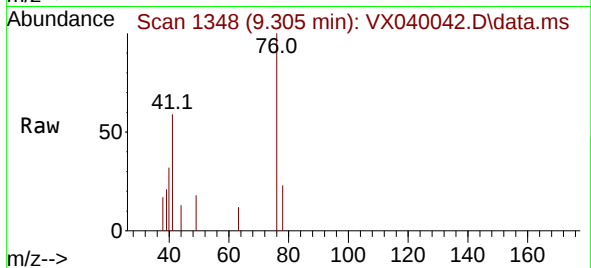
Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024



Tgt Ion: 76 Resp: 1249

Ion Ratio Lower Upper

76 100

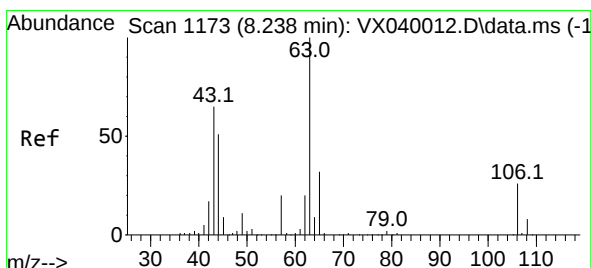
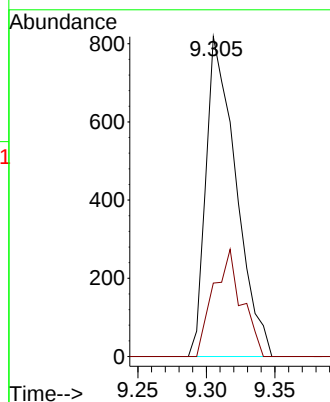
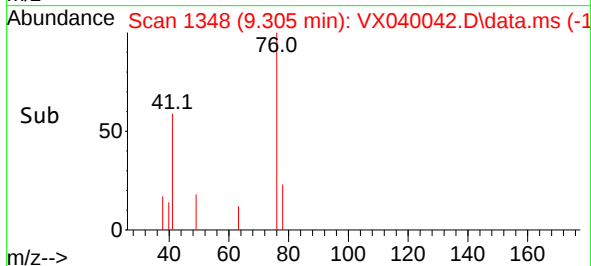
78 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#58

2-Chloroethyl Vinyl ether

Concen: 2.844 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040042.D

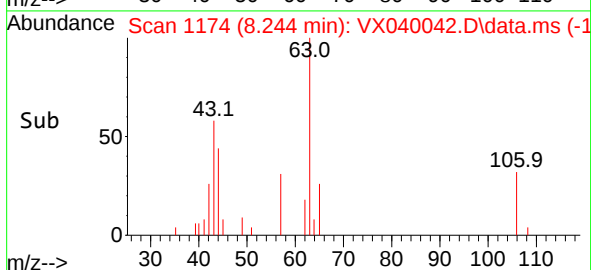
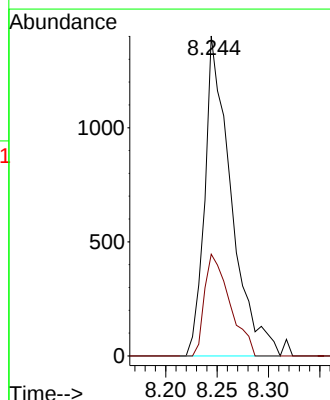
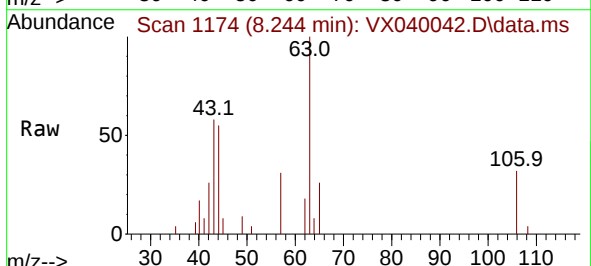
Acq: 31 Jan 2024 12:50

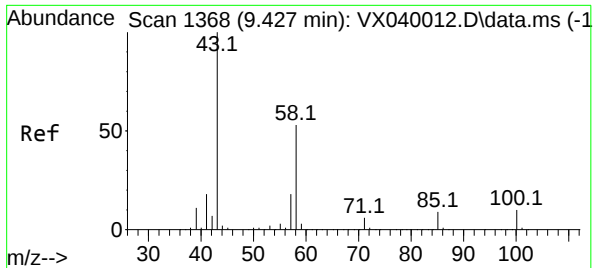
Tgt Ion: 63 Resp: 2504

Ion Ratio Lower Upper

63 100

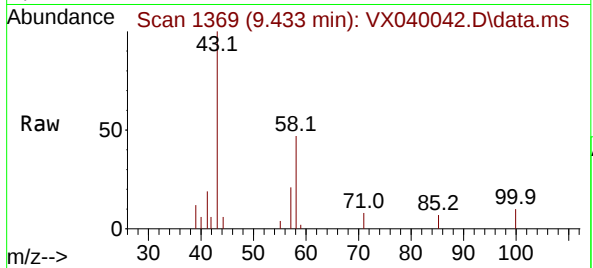
106 30.5 22.5 33.7





#59
2-Hexanone
Concen: 2.918 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

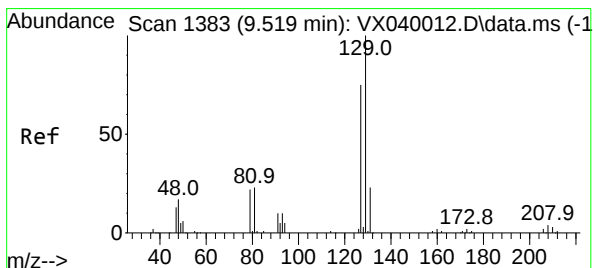
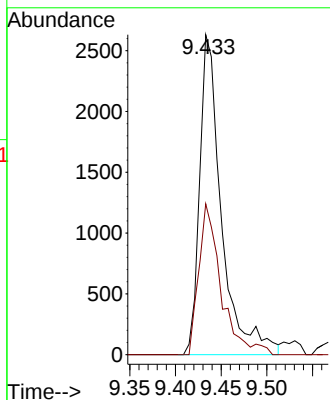
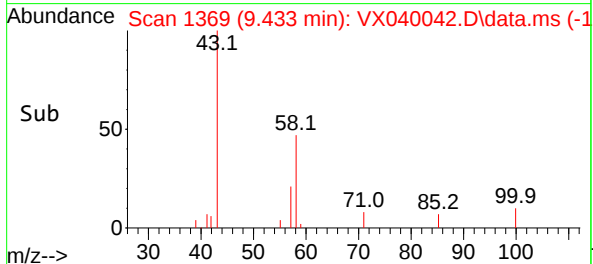
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
58 48.2 26.2 78.5

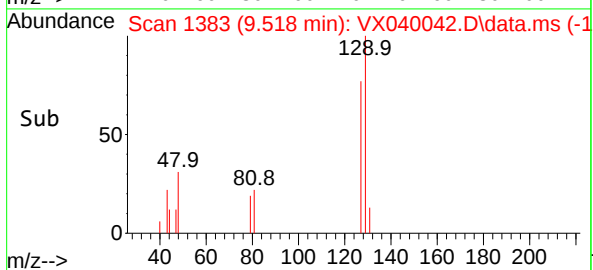
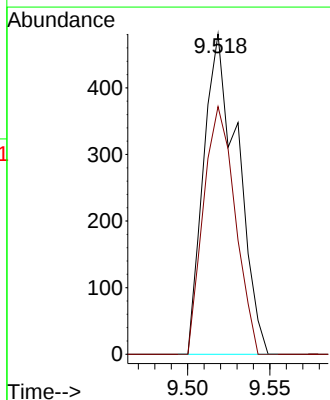
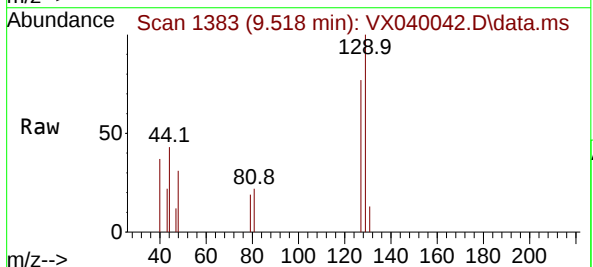
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 0.574 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion:129 Resp: 691
Ion Ratio Lower Upper
129 100
127 71.9 38.8 116.4





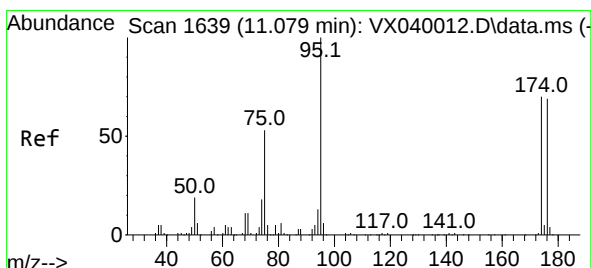
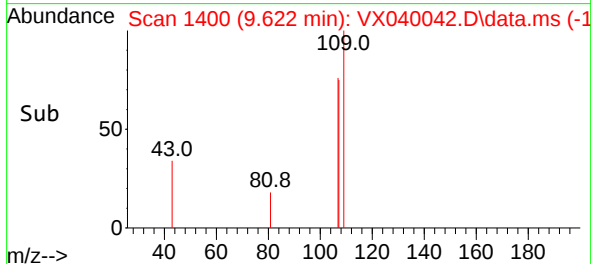
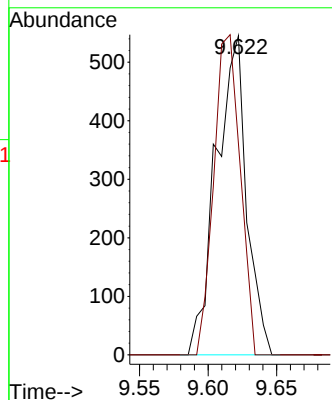
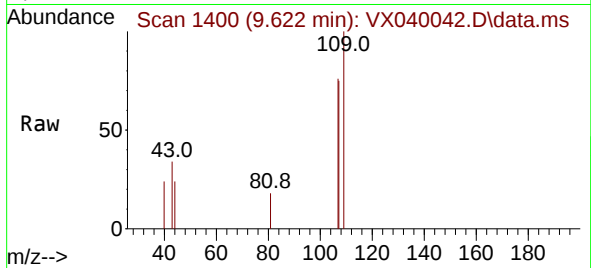
#61
1,2-Dibromoethane
Concen: 0.650 ug/l
RT: 9.622 min Scan# 1400
Delta R.T. 0.012 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:107 Resp: 842
Ion Ratio Lower Upper
107 100
109 86.9 75.2 112.8

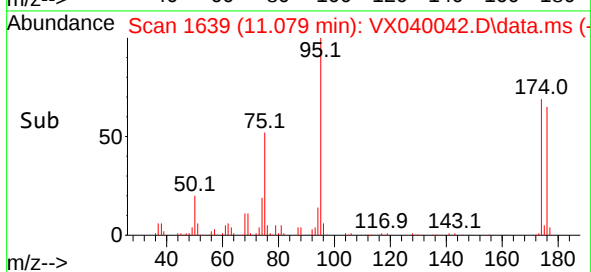
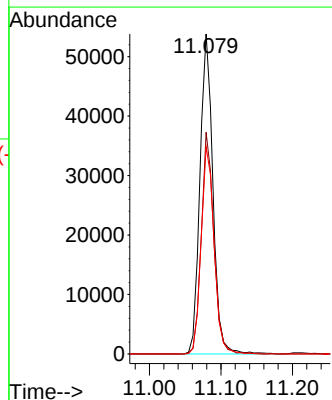
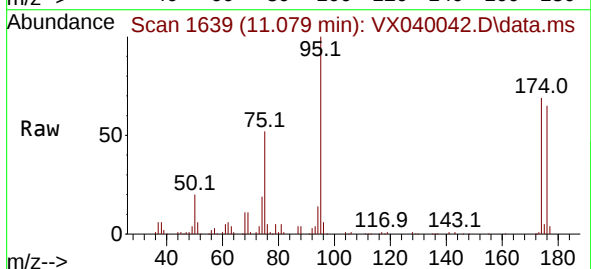
Manual Integrations
APPROVED

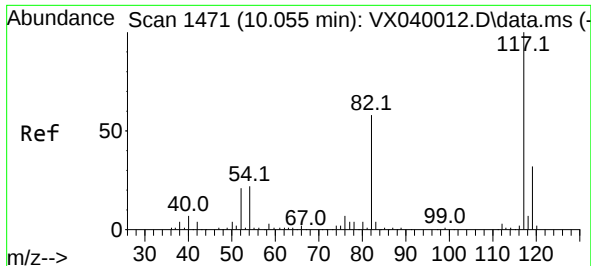
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#62
4-Bromofluorobenzene
Concen: 42.484 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

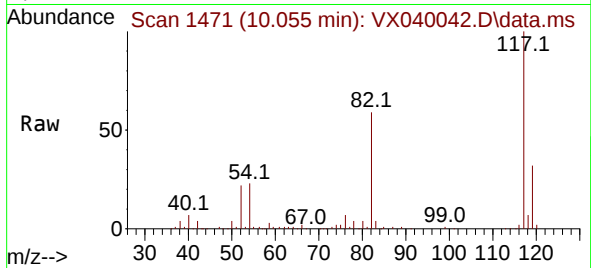
Tgt Ion: 95 Resp: 67497
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.6
176 64.8 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

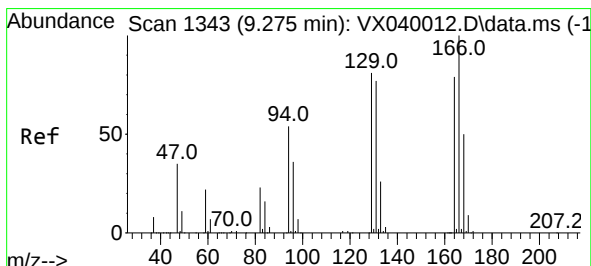
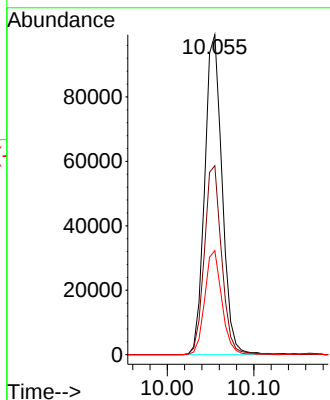
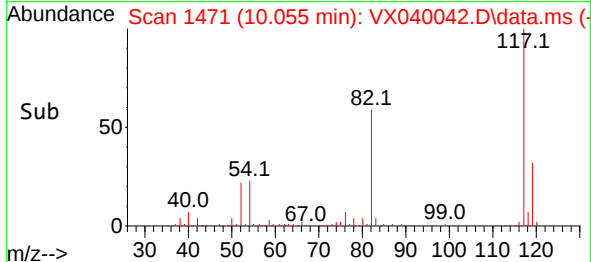
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



Tgt Ion:117 Resp: 138662
Ion Ratio Lower Upper
117 100
82 59.1 46.2 69.4
119 32.5 25.5 38.3

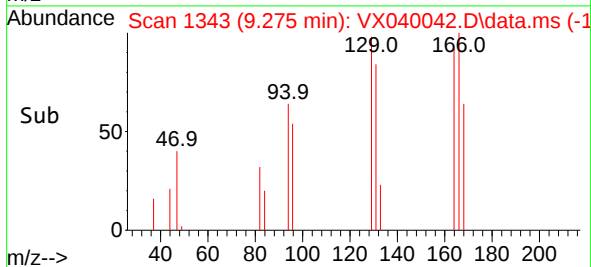
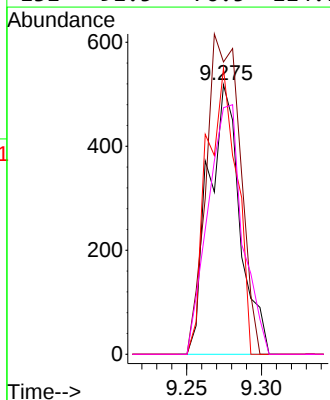
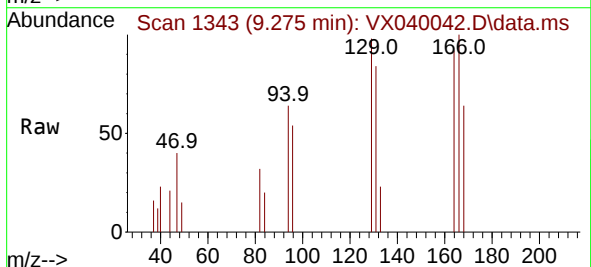
Manual Integrations
APPROVED

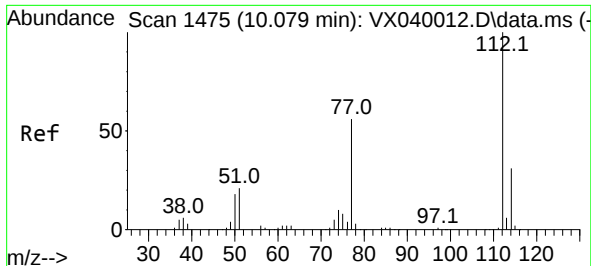
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#64
Tetrachloroethene
Concen: 0.848 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

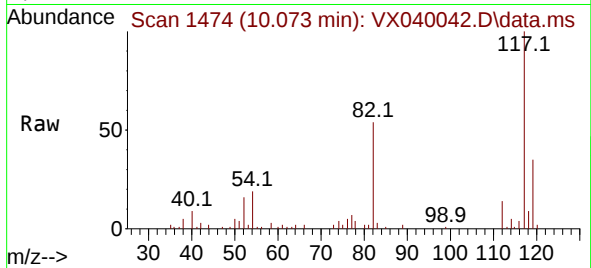
Tgt Ion:164 Resp: 765
Ion Ratio Lower Upper
164 100
166 108.5 102.7 154.1
129 106.2 80.4 120.6
131 91.5 76.5 114.7





#65
Chlorobenzene
Concen: 0.700 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

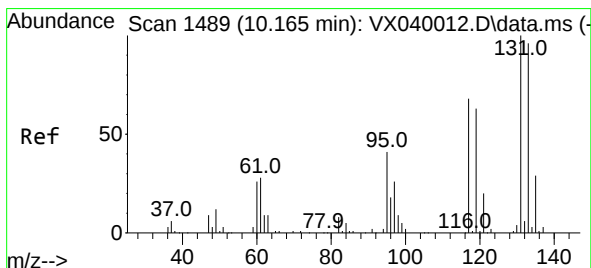
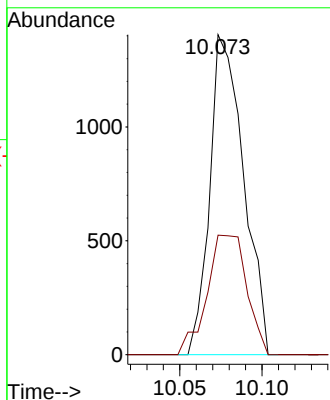
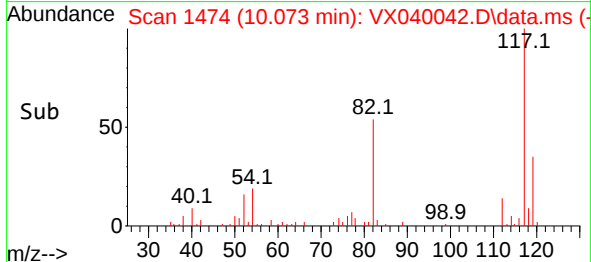
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



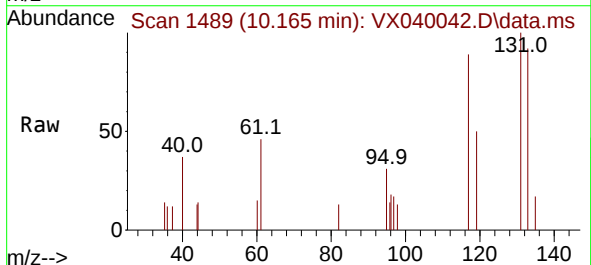
Tgt Ion:112 Resp: 200
Ion Ratio Lower Upper
112 100
114 37.4 25.7 38.5

Manual Integrations
APPROVED

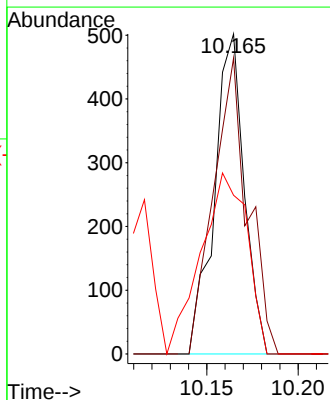
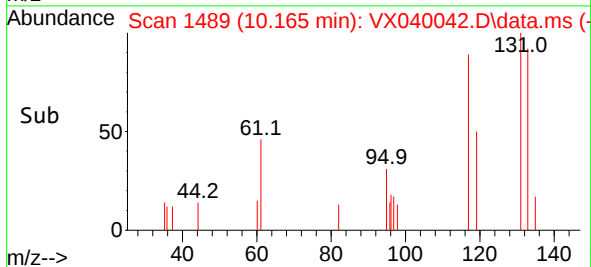
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

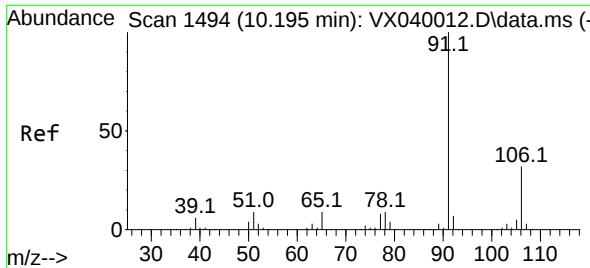


#66
1,1,1,2-Tetrachloroethane
Concen: 0.590 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50



Tgt Ion:131 Resp: 571
Ion Ratio Lower Upper
131 100
133 106.1 47.1 141.4
119 0.0 32.2 96.6#





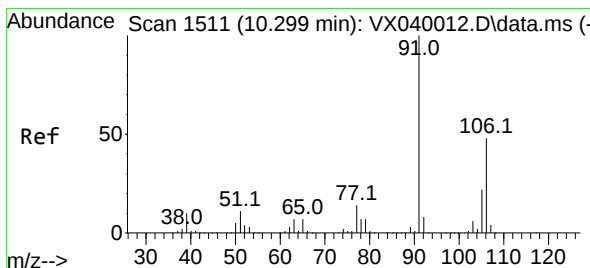
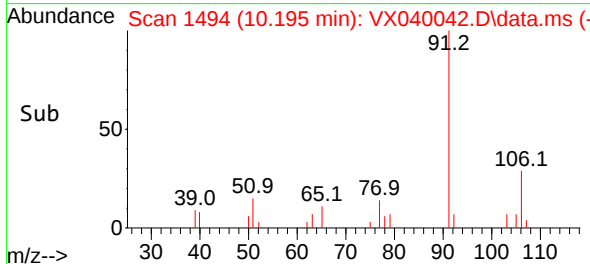
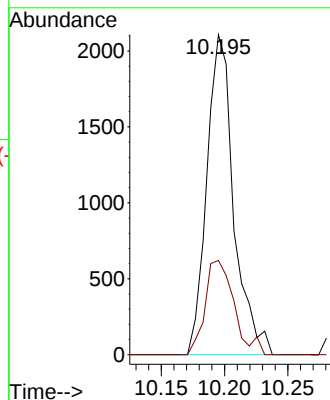
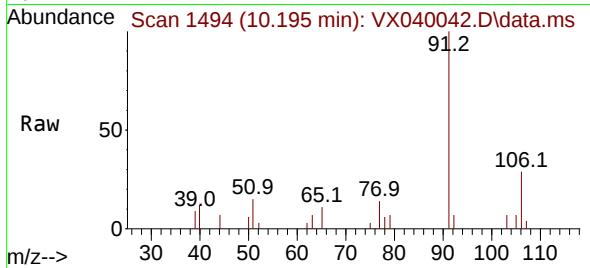
#67
Ethyl Benzene
Concen: 0.606 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion: 91 Resp: 3114
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

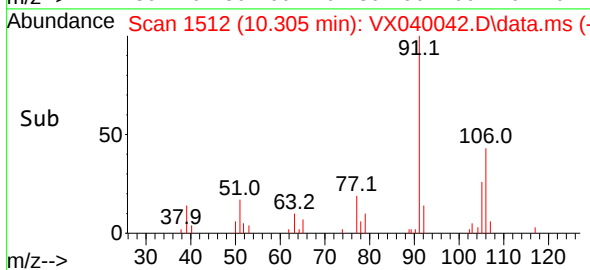
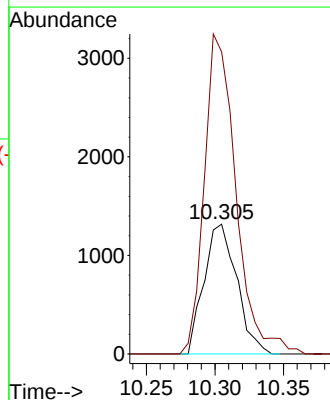
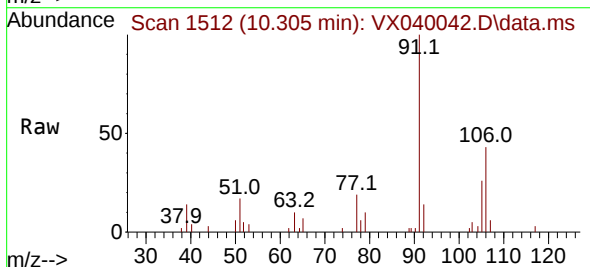
Manual Integrations
APPROVED

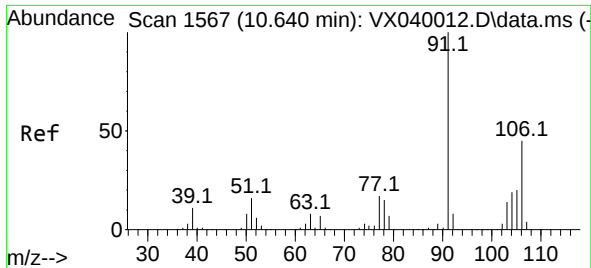
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#68
m/p-Xylenes
Concen: 1.131 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion:106 Resp: 2188
Ion Ratio Lower Upper
106 100
91 238.3 165.5 248.3





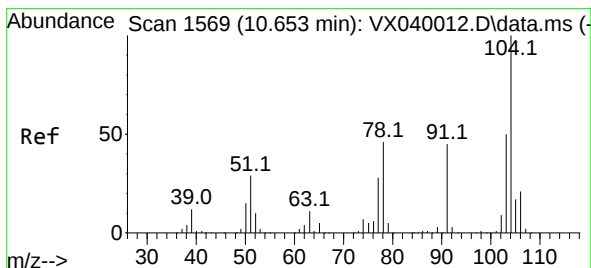
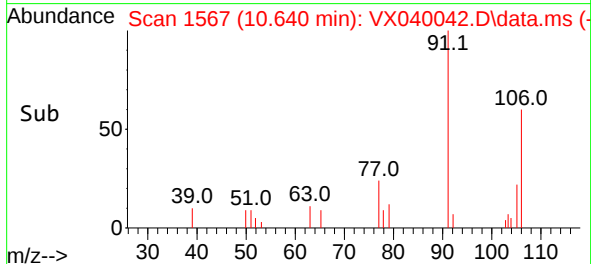
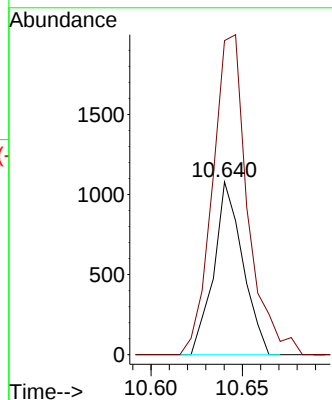
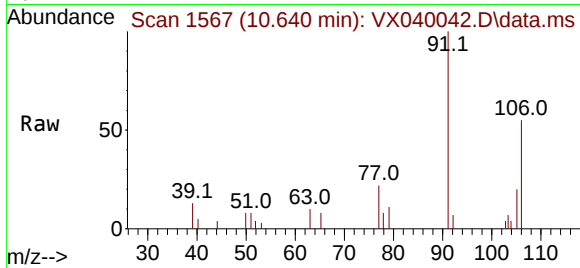
#69
o-Xylene
Concen: 0.648 ug/l
RT: 10.640 min Scan# 1190
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024

Tgt Ion:106 Resp: 1190
Ion Ratio Lower Upper
106 100
91 225.1 108.9 326.8

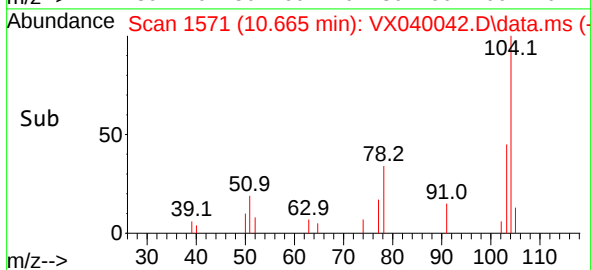
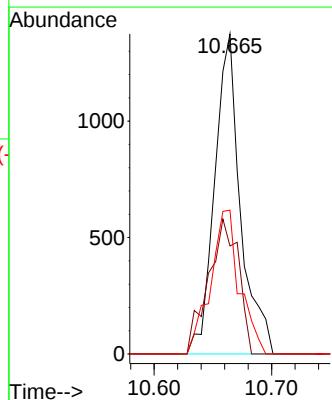
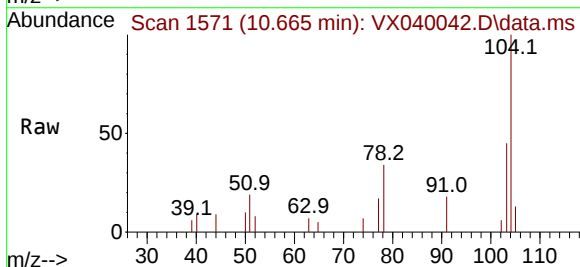
Manual Integrations
APPROVED

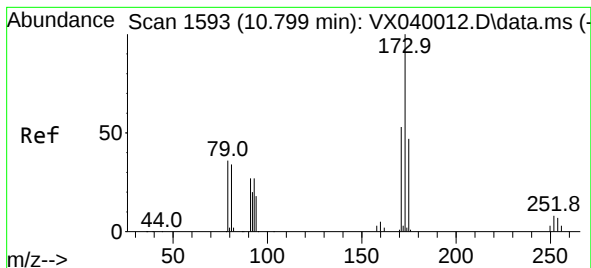
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#70
Styrene
Concen: 0.678 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion:104 Resp: 2096
Ion Ratio Lower Upper
104 100
78 49.1 43.6 65.4
103 50.7 43.6 65.4





#71

Bromoform

Concen: 0.572 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

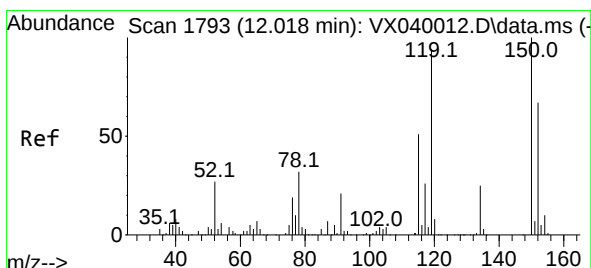
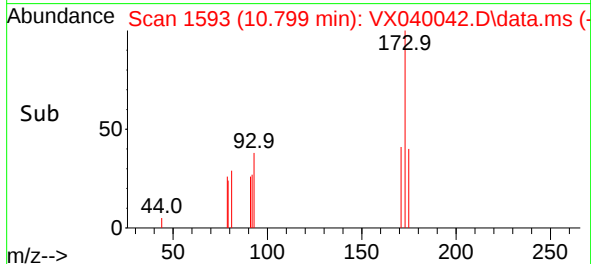
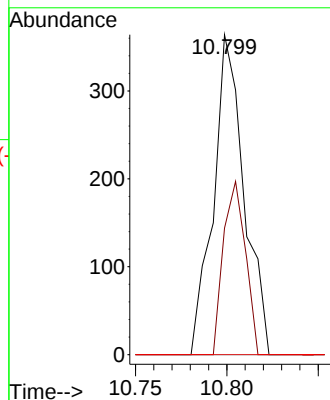
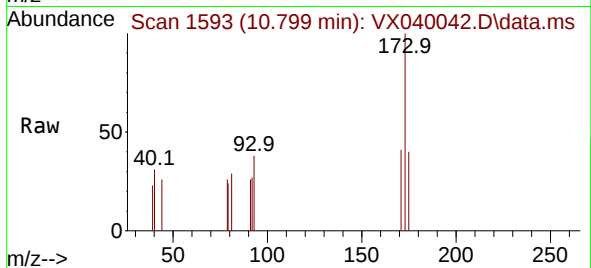
Tgt Ion:	173	Resp:	424
Ion Ratio	Lower	Upper	
173	100		
175	38.9	24.1	72.4
254	0.0	0.0	0.0

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

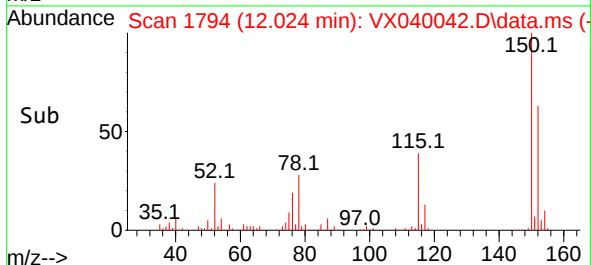
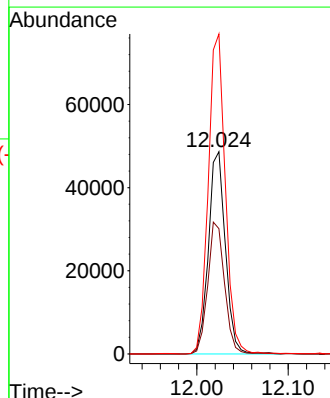
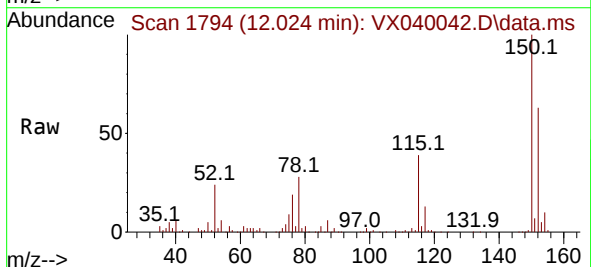
RT: 12.024 min Scan# 1794

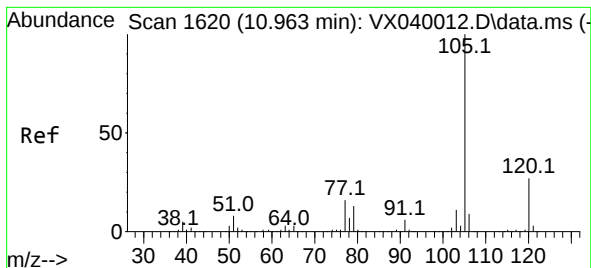
Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion:	152	Resp:	62532
Ion Ratio	Lower	Upper	
152	100		
115	64.8	43.3	129.9
150	159.1	0.0	345.0





#73

Isopropylbenzene

Concen: 0.626 ug/l

RT: 10.963 min Scan# 1601

Delta R.T. 0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 281

Ion Ratio Lower Upper

105 100

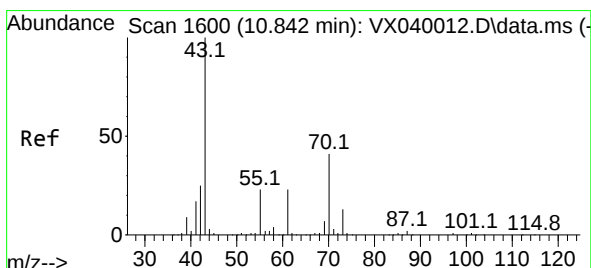
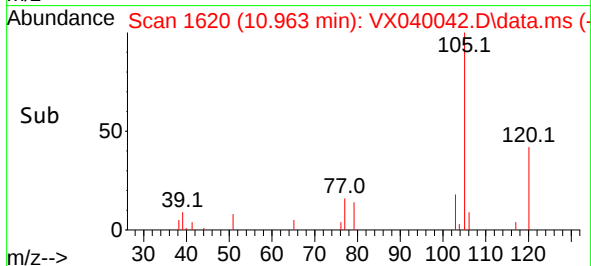
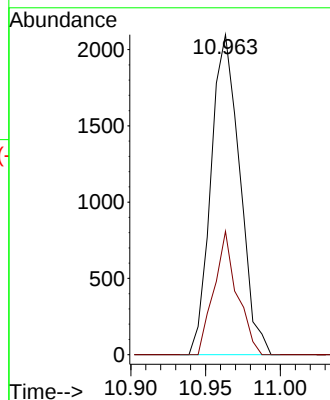
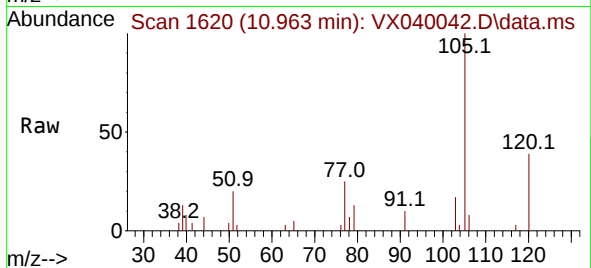
120 30.8 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#74

N-ethyl acetate

Concen: 0.606 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.005 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion: 43 Resp: 1238

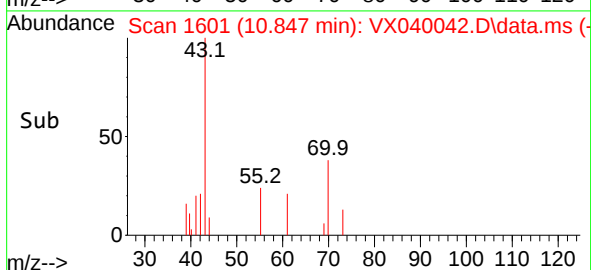
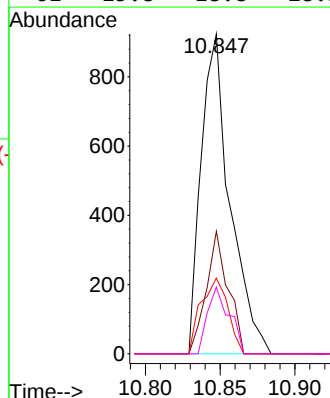
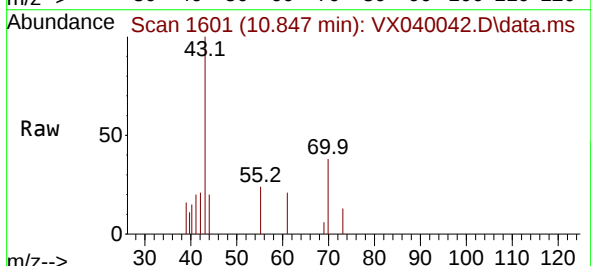
Ion Ratio Lower Upper

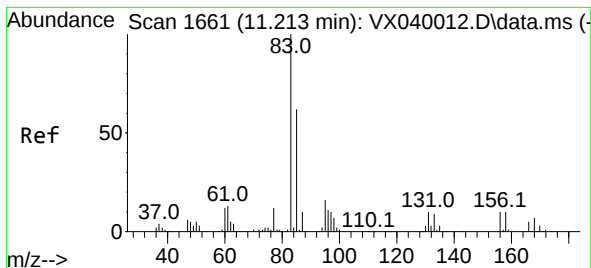
43 100

70 29.0 32.9 49.3#

55 22.1 19.3 28.9

61 15.8 18.8 28.2#





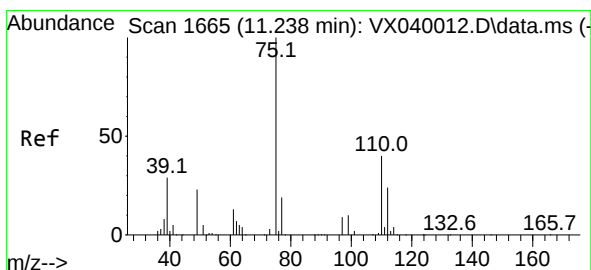
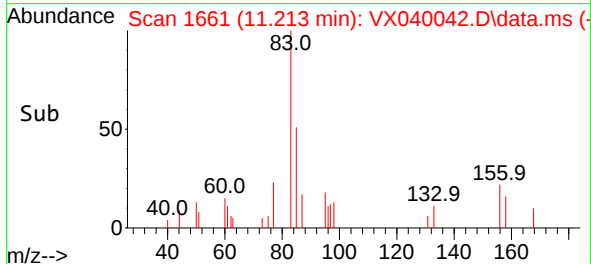
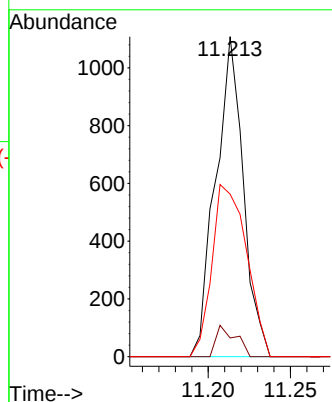
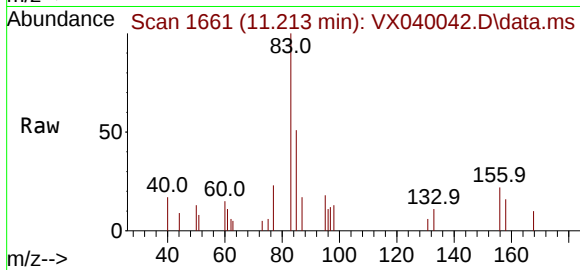
#75
1,1,2,2-Tetrachloroethane
Concen: 0.767 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion: 83 Resp: 129
Ion Ratio Lower Upper
83 100
131 6.9 5.3 15.8
85 67.4 32.0 96.2

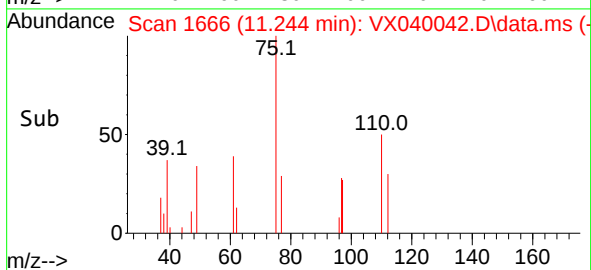
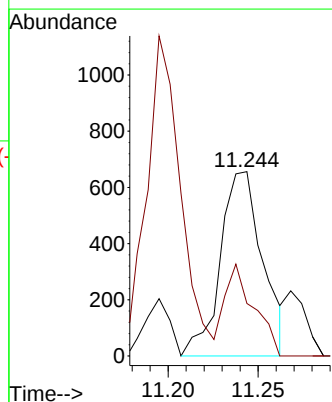
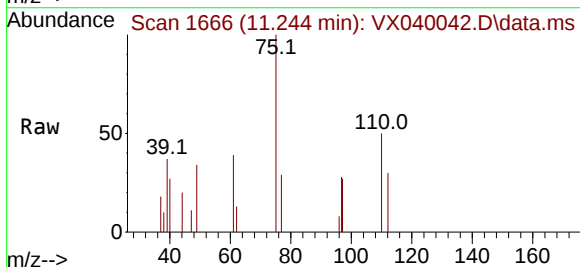
Manual Integrations
APPROVED

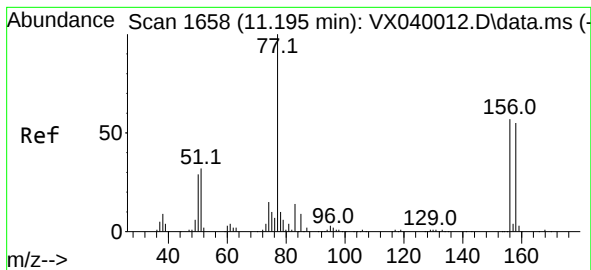
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#76
1,2,3-Trichloropropane
Concen: 0.807 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 75 Resp: 1075
Ion Ratio Lower Upper
75 100
77 34.1 19.1 57.5





#77

Bromobenzene

Concen: 0.737 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

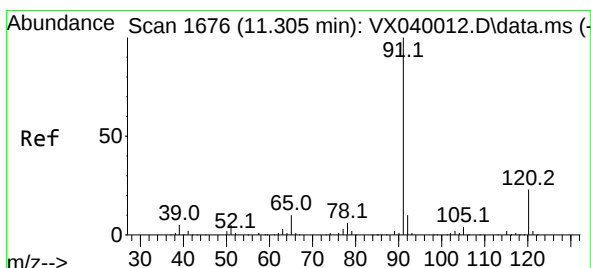
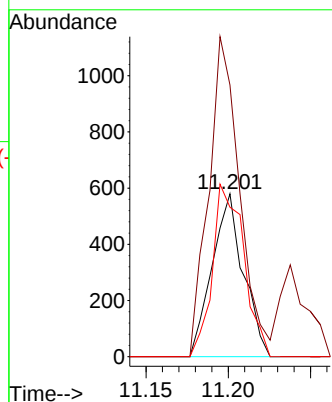
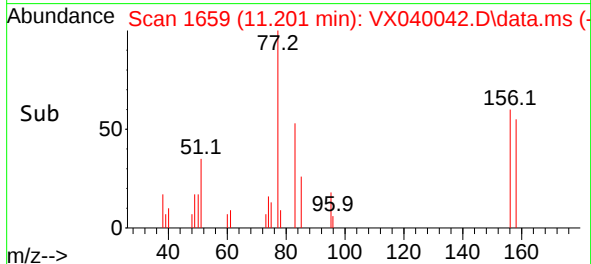
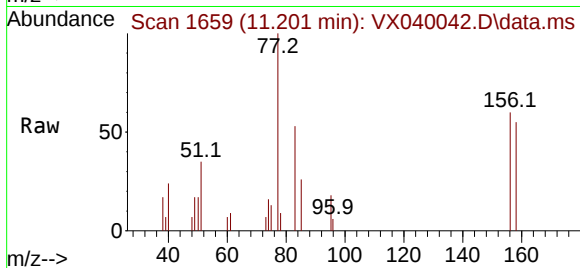
Tgt Ion:	156	Resp:	76
Ion Ratio	Lower	Upper	
156	100		
77	194.9	88.4	265.3
158	106.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#78

n-propylbenzene

Concen: 0.661 ug/l

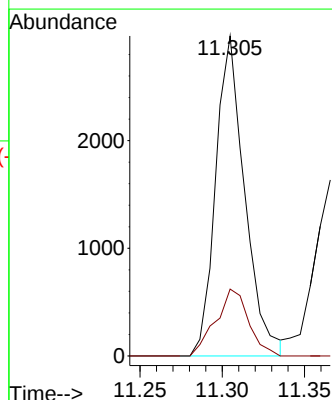
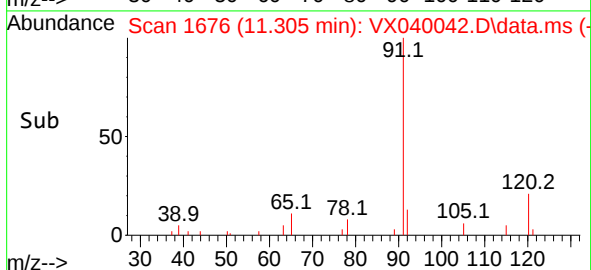
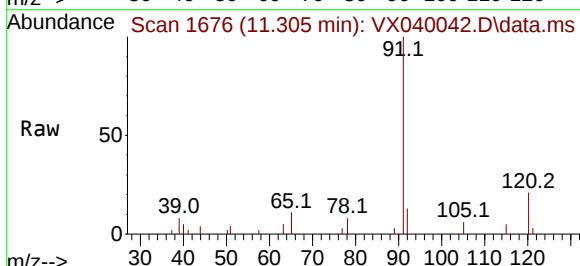
RT: 11.305 min Scan# 1676

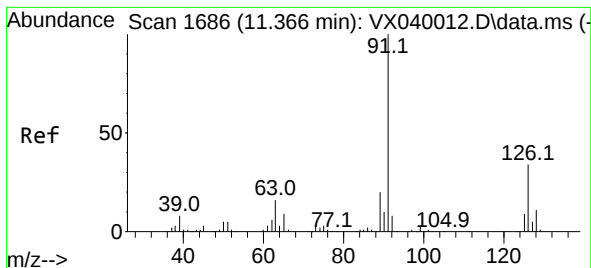
Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion:	91	Resp:	3655
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





#79

2-Chlorotoluene

Concen: 0.679 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

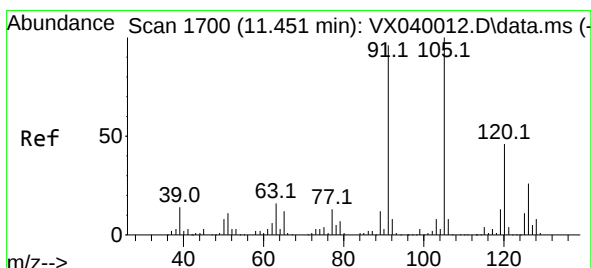
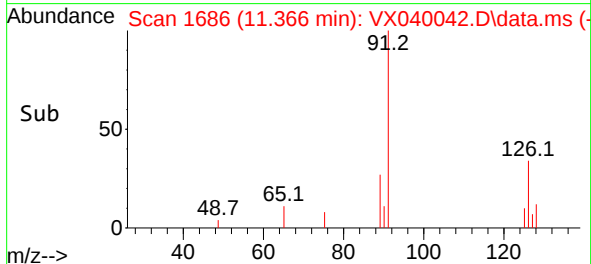
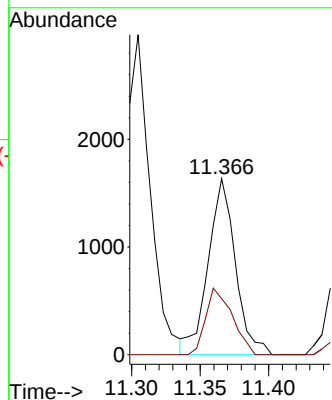
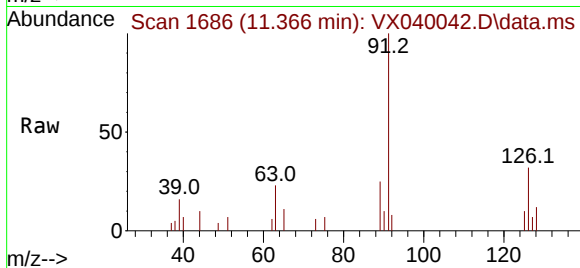
Tgt Ion: 91 Resp: 2260
 Ion Ratio Lower Upper
 91 100
 126 36.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 0.590 ug/l

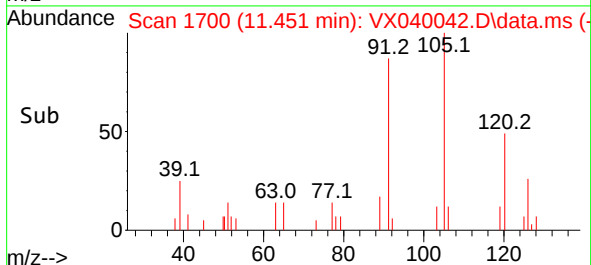
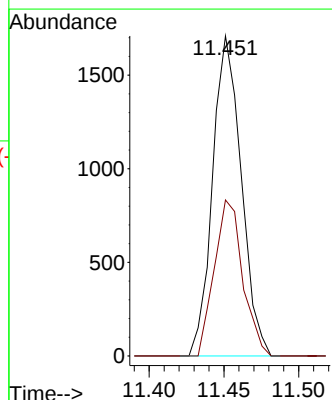
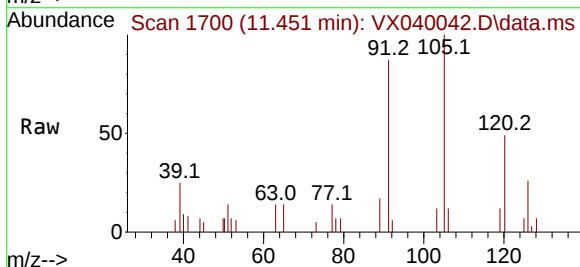
RT: 11.451 min Scan# 1700

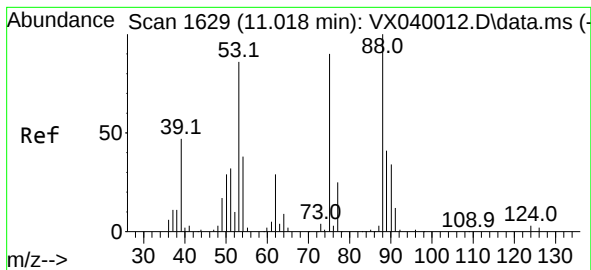
Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

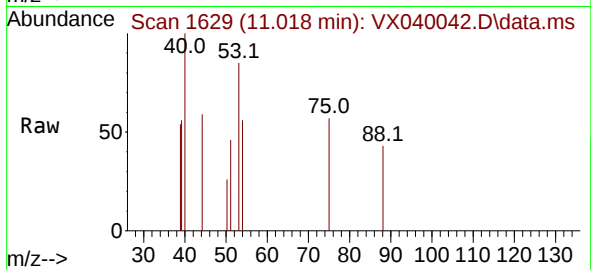
Tgt Ion:105 Resp: 2277
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 0.250 ug/l m
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

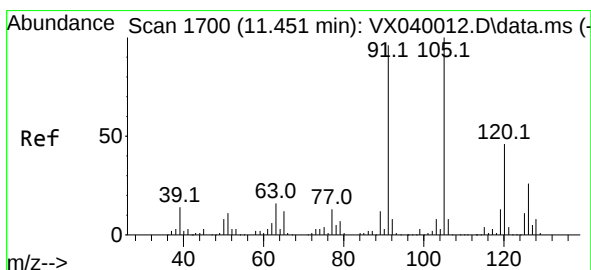
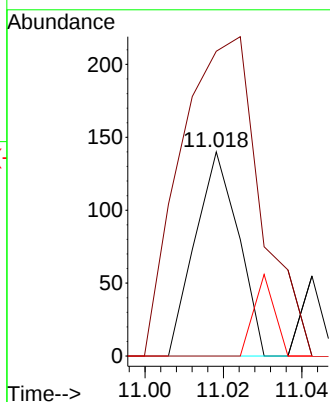
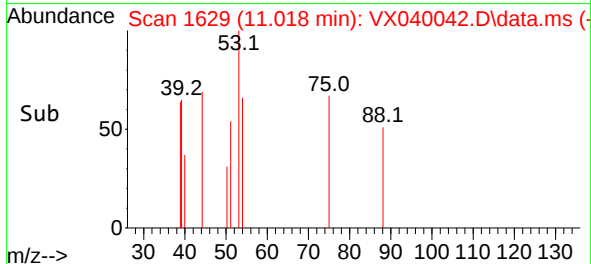
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT1-2024



Tgt Ion: 75 Resp: 10
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7
89 0.0 36.9 55.3

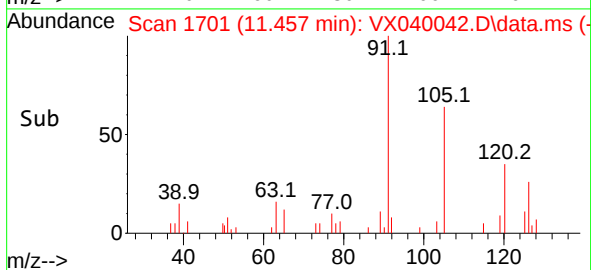
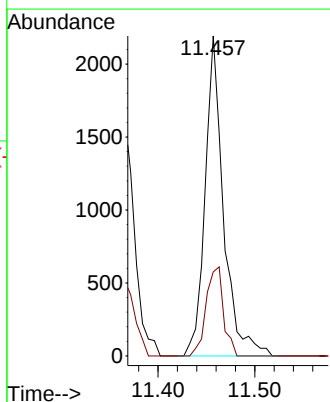
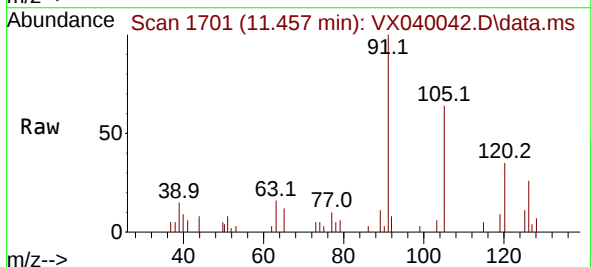
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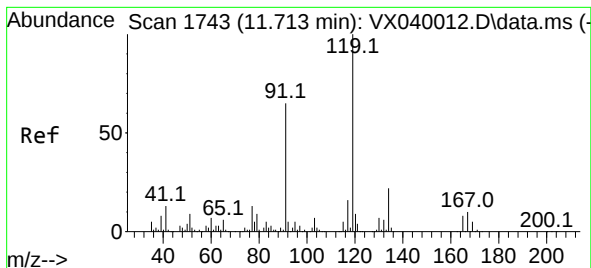
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#82
4-Chlorotoluene
Concen: 0.760 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

Tgt Ion: 91 Resp: 2903
Ion Ratio Lower Upper
91 100
126 26.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.604 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

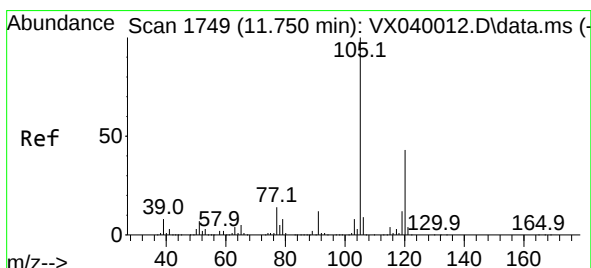
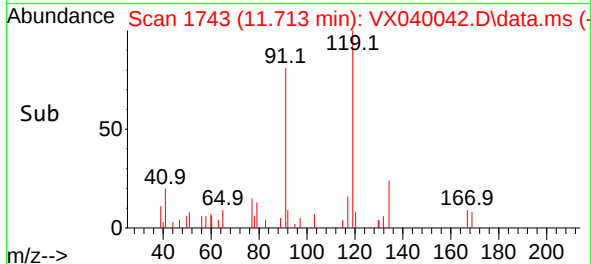
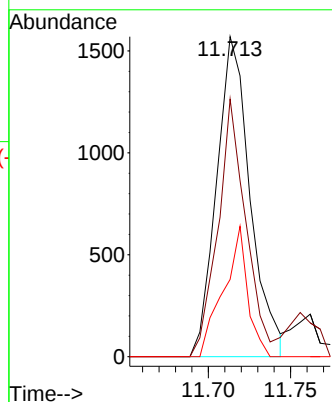
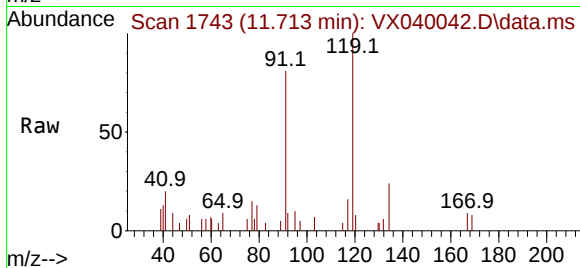
Tgt Ion:	119	Resp:	2230
Ion Ratio	Lower	Upper	
119	100		
91	67.0	31.2	93.6
134	29.3	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 0.580 ug/l

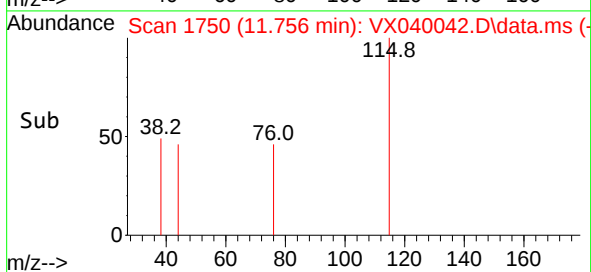
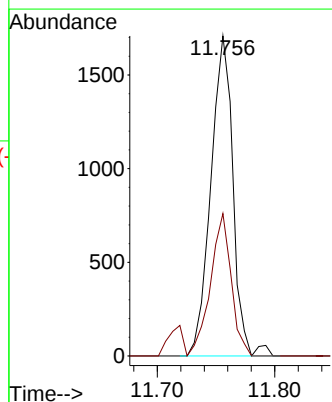
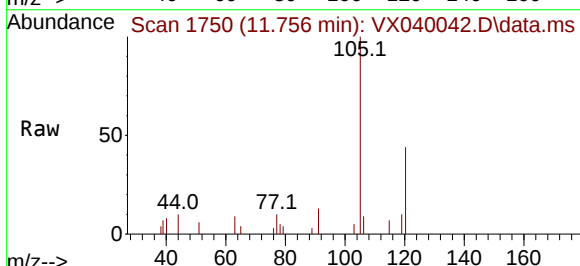
RT: 11.756 min Scan# 1750

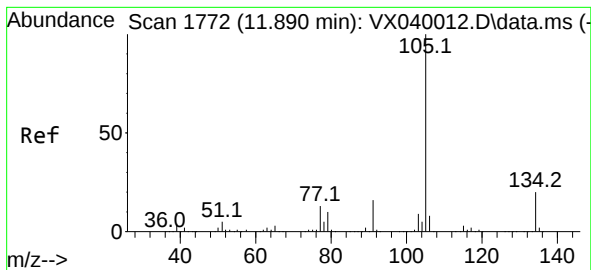
Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion:	105	Resp:	2234
Ion Ratio	Lower	Upper	
105	100		
120	41.8	21.2	63.6





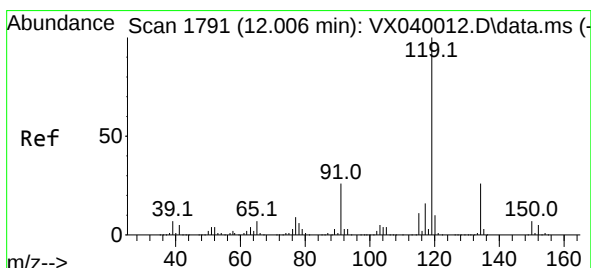
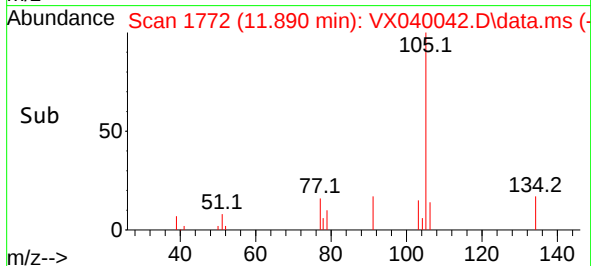
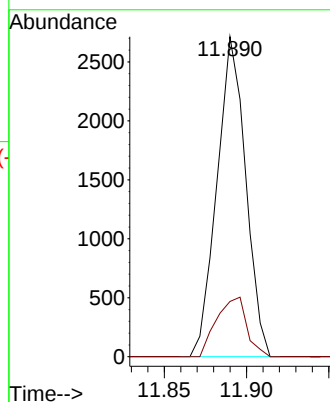
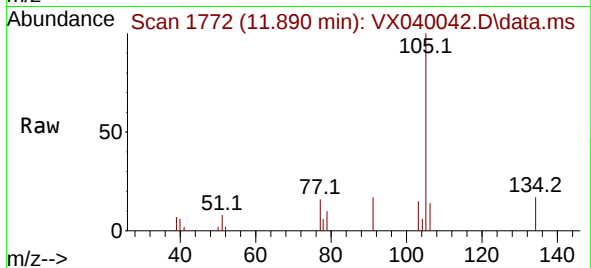
#85
 sec-Butylbenzene
 Concen: 0.673 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX040042.D
 Acq: 31 Jan 2024 12:50

Instrument : MSVOA_X
 ClientSampleId : MDL-WATER-03-QT1-2024

Tgt Ion:105 Resp: 329
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

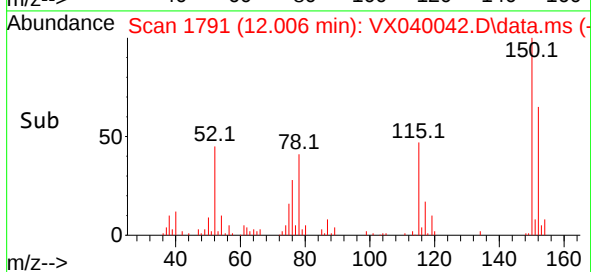
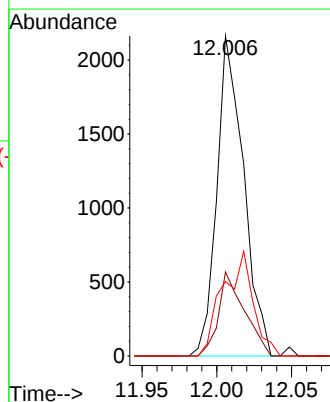
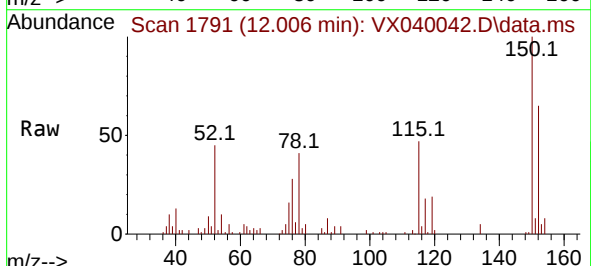
Manual Integrations
 APPROVED

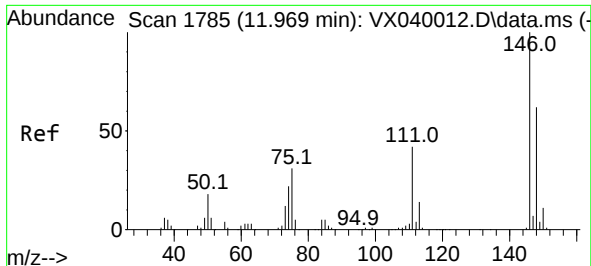
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#86
 p-Isopropyltoluene
 Concen: 0.673 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX040042.D
 Acq: 31 Jan 2024 12:50

Tgt Ion:119 Resp: 2688
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 37.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 0.802 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

Tgt Ion:146 Resp: 1679

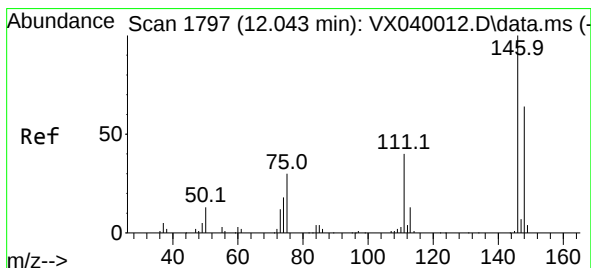
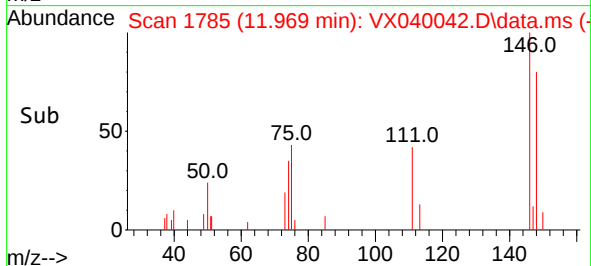
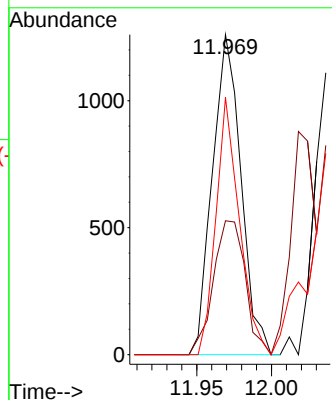
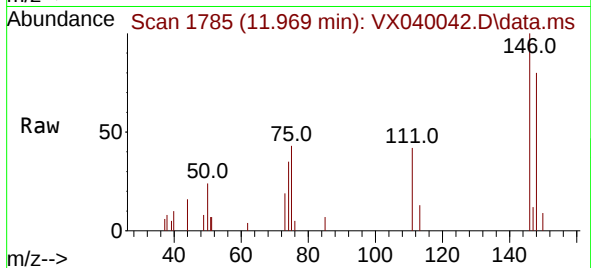
Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.1	66.1
148	65.9	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#88

1,4-Dichlorobenzene

Concen: 0.773 ug/l m

RT: 12.036 min Scan# 1796

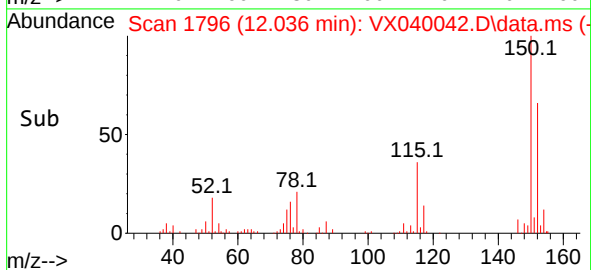
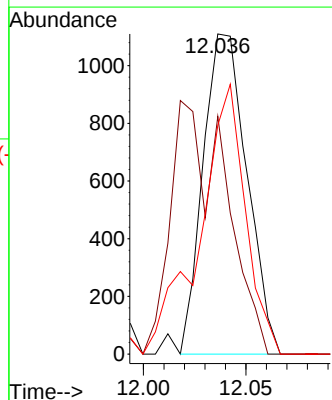
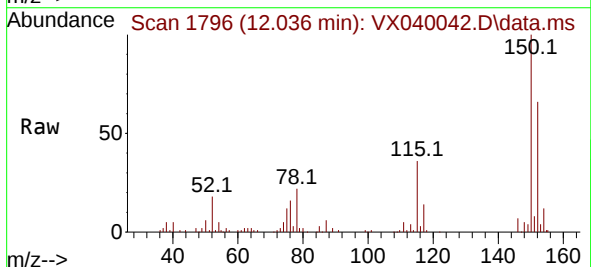
Delta R.T. -0.006 min

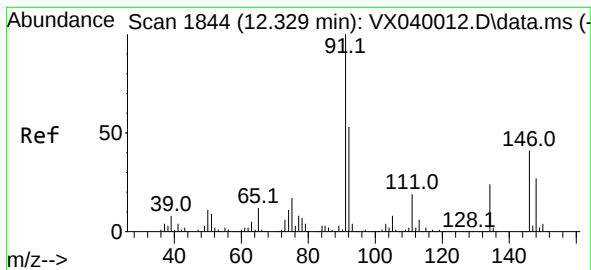
Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion:146 Resp: 1654

Ion	Ratio	Lower	Upper
146	100		
111	47.2	21.3	63.7
148	66.7	31.8	95.4





#89

n-Butylbenzene

Concen: 0.558 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

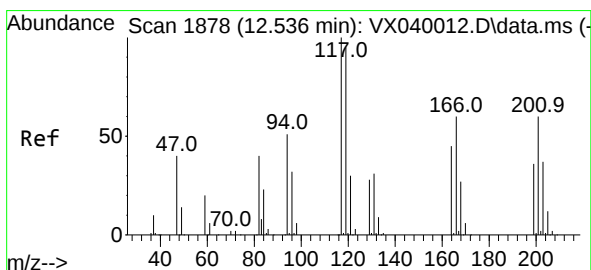
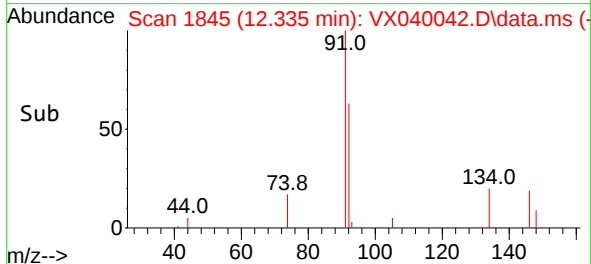
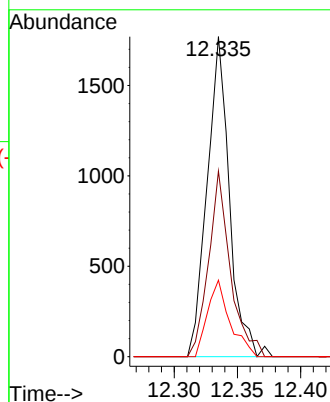
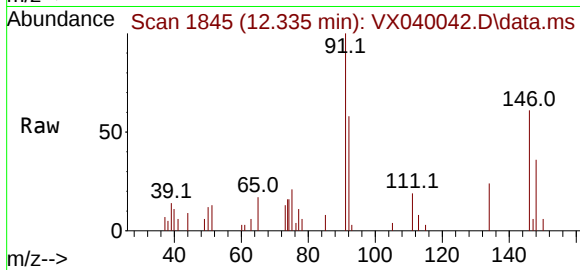
Tgt Ion: 91	Resp: 216
Ion Ratio	Lower Upper
91 100	
92 57.0	27.4 82.0
134 24.1	12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#90

Hexachloroethane

Concen: 0.589 ug/l

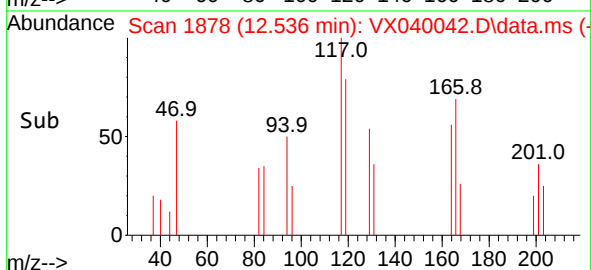
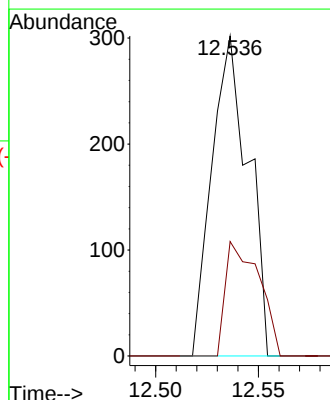
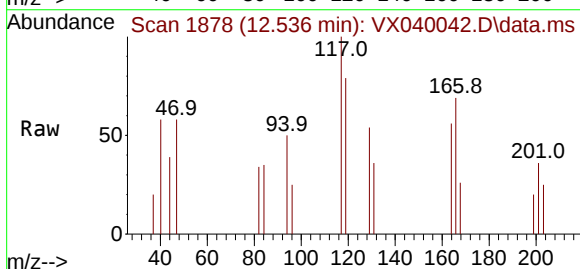
RT: 12.536 min Scan# 1878

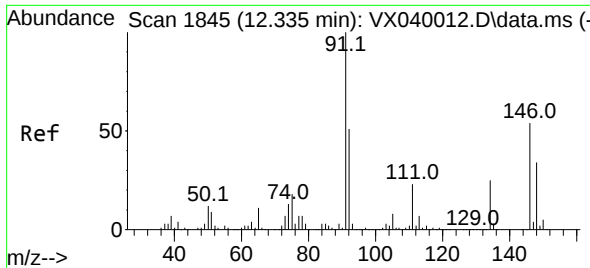
Delta R.T. 0.000 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

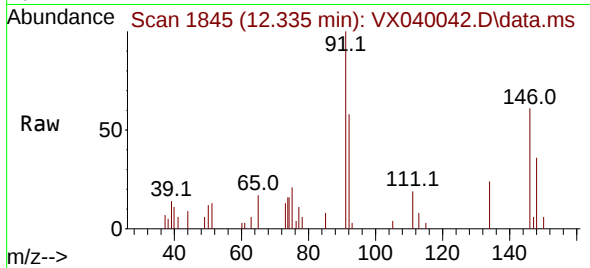
Tgt Ion:117	Resp: 372
Ion Ratio	Lower Upper
117 100	
201 33.1	32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 0.728 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50

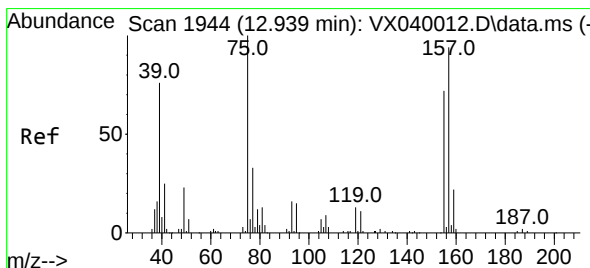
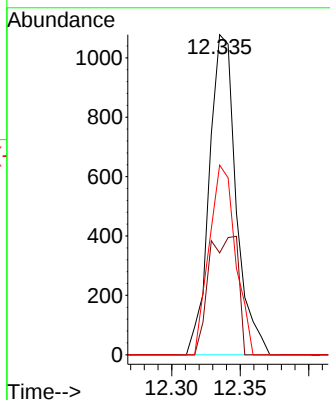
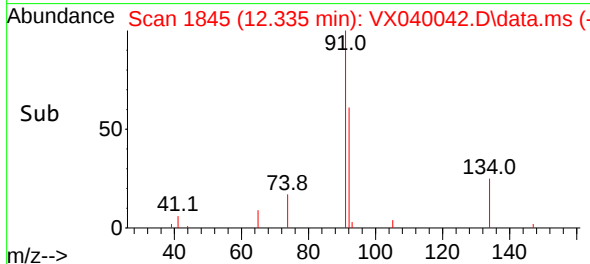
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT1-2024



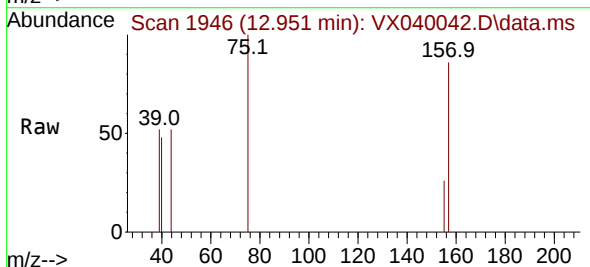
Tgt Ion:146 Resp: 146
Ion Ratio Lower Upper
146 100
111 40.7 22.4 67.0
148 58.1 31.6 95.0

Manual Integrations
APPROVED

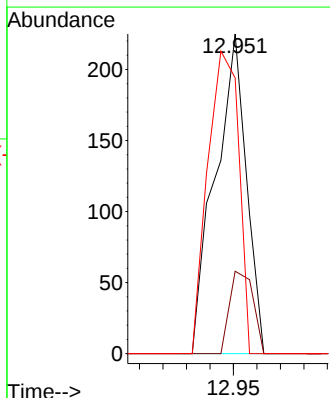
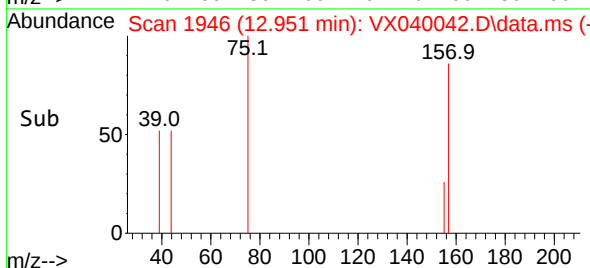
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

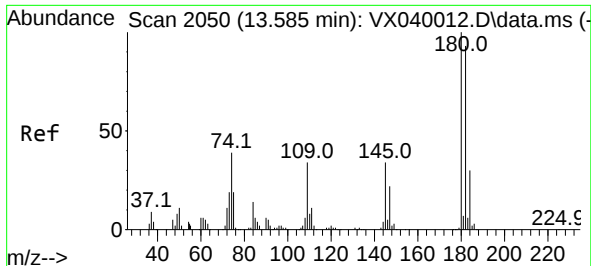


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.541 ug/l
RT: 12.951 min Scan# 1946
Delta R.T. 0.012 min
Lab File: VX040042.D
Acq: 31 Jan 2024 12:50



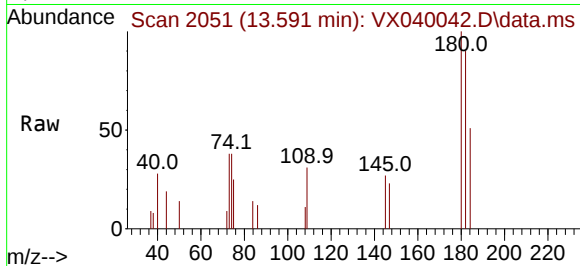
Tgt Ion: 75 Resp: 207
Ion Ratio Lower Upper
75 100
155 19.3 36.1 108.5#
157 94.2 44.9 134.7





#93
 1,2,4-Trichlorobenzene
 Concen: 0.597 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX040042.D
 Acq: 31 Jan 2024 12:50

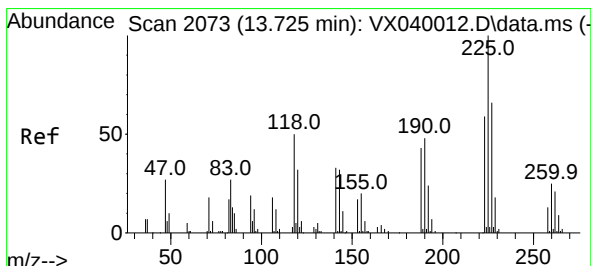
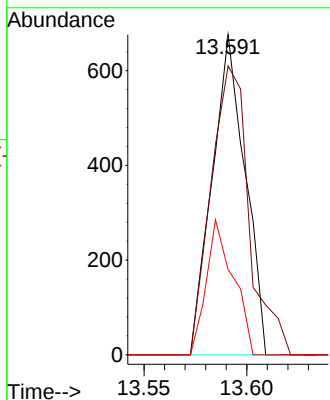
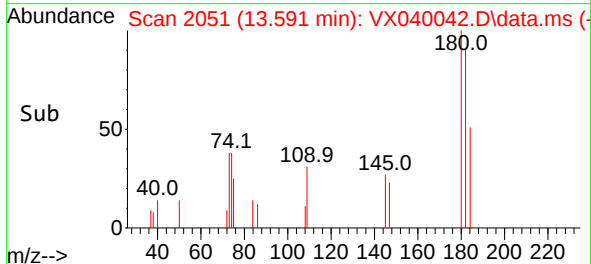
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT1-2024



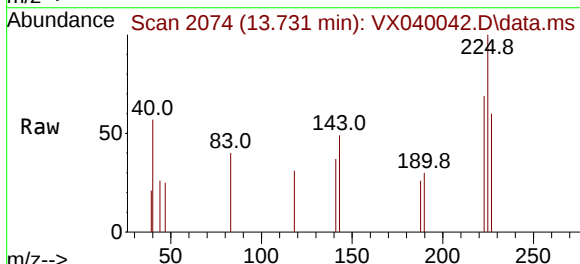
Tgt Ion:180 Resp: 752
 Ion Ratio Lower Upper
 180 100
 182 104.8 48.3 144.8
 145 34.6 18.0 54.0

Manual Integrations
 APPROVED

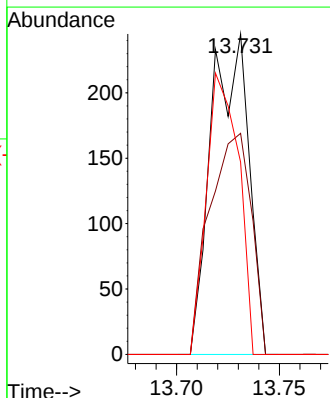
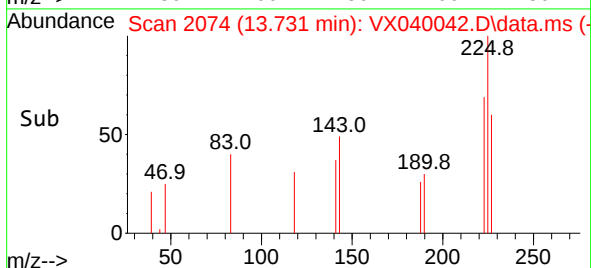
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024

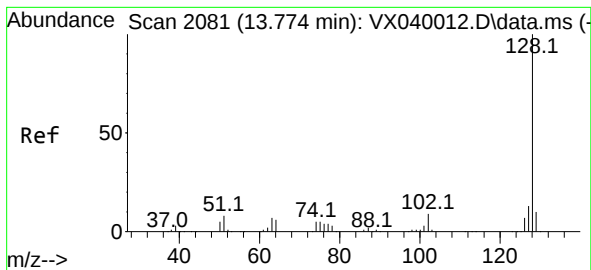


#94
 Hexachlorobutadiene
 Concen: 0.627 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX040042.D
 Acq: 31 Jan 2024 12:50



Tgt Ion:225 Resp: 311
 Ion Ratio Lower Upper
 225 100
 223 76.8 31.1 93.2
 227 75.2 32.5 97.5





#95

Naphthalene

Concen: 0.578 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT1-2024

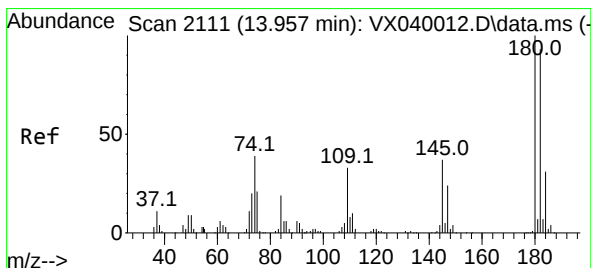
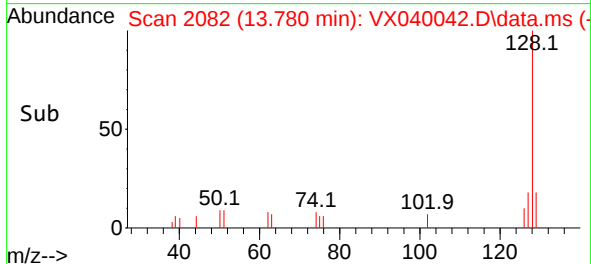
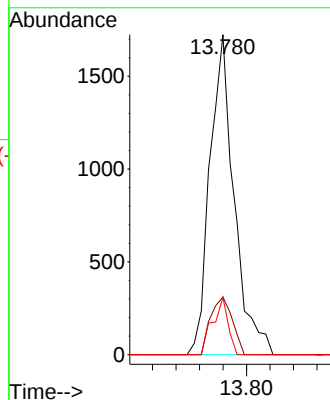
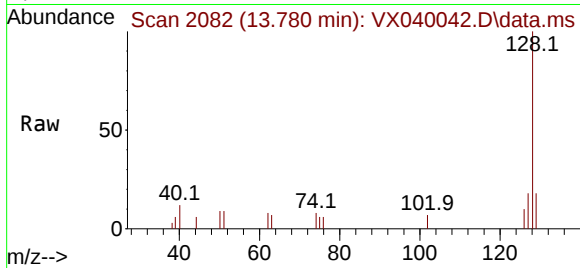
Tgt Ion:128	Resp:	247
Ion Ratio	Lower	Upper
128	100	
127	16.1	10.3 15.5
129	11.4	8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#96

1,2,3-Trichlorobenzene

Concen: 0.544 ug/l

RT: 13.969 min Scan# 2113

Delta R.T. 0.012 min

Lab File: VX040042.D

Acq: 31 Jan 2024 12:50

Tgt Ion:180	Resp:	677
Ion Ratio	Lower	Upper
180	100	
182	109.3	46.9 140.6
145	52.6	17.8 53.5

