

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051823\
 Data File : VX035746.D
 Acq On : 18 May 2023 16:46
 Operator : JC/MD
 Sample : 02213-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Quant Time: May 19 06:26:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 19 06:25:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/19/2023
 Supervised By : Mahesh Dadoda 05/19/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	169206	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	322027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170279	57.685	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.380%			
35) Dibromofluoromethane	5.385	113	108922	50.154	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.300%			
50) Toluene-d8	8.647	98	391882	48.845	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.700%			
62) 4-Bromofluorobenzene	11.079	95	153866	47.631	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.260%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1426	0.647	ug/l	73
3) Chloromethane	1.294	50	2039	0.762	ug/l	90
4) Vinyl Chloride	1.374	62	1610	0.709	ug/l	97
5) Bromomethane	1.618	94	1242	1.010	ug/l	89
6) Chloroethane	1.691	64	1142	0.829	ug/l	# 63
7) Trichlorofluoromethane	1.886	101	2368	0.709	ug/l	88
8) Diethyl Ether	2.136	74	1122	0.873	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	1234	0.622	ug/l	97
10) Methyl Iodide	2.453	142	1220	0.688	ug/l	94
11) Tert butyl alcohol	3.026	59	1877m	3.604	ug/l	
12) 1,1-Dichloroethene	2.319	96	1351	0.717	ug/l	83
13) Acrolein	2.246	56	2193	3.548	ug/l	# 81
14) Allyl chloride	2.666	41	2755	0.682	ug/l	97
15) Acrylonitrile	3.075	53	4592	4.004	ug/l	100
16) Acetone	2.398	43	5681	4.478	ug/l	91
17) Carbon Disulfide	2.520	76	2657	0.584	ug/l	# 79
18) Methyl Acetate	2.709	43	3483	0.744	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	5919	0.789	ug/l	92
20) Methylene Chloride	2.794	84	2630	1.144	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	1554	0.753	ug/l	84
22) Diisopropyl ether	3.764	45	5815	0.736	ug/l	94
23) Vinyl Acetate	3.721	43	18437	3.297	ug/l	99
24) 1,1-Dichloroethane	3.611	63	3036	0.718	ug/l	# 90
25) 2-Butanone	4.574	43	7139	4.065	ug/l	99
26) 2,2-Dichloropropane	4.477	77	2009	0.561	ug/l	89
27) cis-1,2-Dichloroethene	4.495	96	1808	0.728	ug/l	92
28) Bromochloromethane	4.891	49	1497	0.787	ug/l	# 87
29) Tetrahydrofuran	5.026	42	4448	4.029	ug/l	# 84
30) Chloroform	5.086	83	3122	0.721	ug/l	92
31) Cyclohexane	5.464	56	2123	0.569	ug/l	# 88
32) 1,1,1-Trichloroethane	5.385	97	2371	0.629	ug/l	# 48
36) 1,1-Dichloropropene	5.690	75	2193	0.640	ug/l	97
37) Ethyl Acetate	4.727	43	2803	0.784	ug/l	# 82
38) Carbon Tetrachloride	5.672	117	1015	0.313	ug/l	# 81
39) Methylcyclohexane	7.385	83	2253	0.558	ug/l	# 91
40) Benzene	6.038	78	6356	0.663	ug/l	# 79

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Manual Integrations
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Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	1443	0.680	ug/l #	79
42) 1,2-Dichloroethane	6.092	62	3157	0.765	ug/l	84
43) Isopropyl Acetate	6.342	43	4368	0.701	ug/l #	93
44) Trichloroethene	7.123	130	1520	0.625	ug/l	100
45) 1,2-Dichloropropane	7.434	63	1793	0.706	ug/l	98
46) Dibromomethane	7.586	93	1280	0.736	ug/l #	83
47) Bromodichloromethane	7.818	83	1738	0.517	ug/l #	95
48) Methyl methacrylate	7.696	41	2099	0.682	ug/l	89
49) 1,4-Dioxane	7.714	88	981m	14.838	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	12289	3.421	ug/l	100
52) Toluene	8.720	92	3898	0.644	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	1804	0.494	ug/l #	86
54) cis-1,3-Dichloropropene	8.366	75	2056	0.526	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	1578	0.664	ug/l #	85
56) Ethyl methacrylate	9.116	69	2217	0.576	ug/l	92
57) 1,3-Dichloropropane	9.311	76	3096	0.718	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	6537	3.337	ug/l	97
59) 2-Hexanone	9.433	43	8974	3.317	ug/l	94
60) Dibromochloromethane	9.519	129	1172	0.517	ug/l	94
61) 1,2-Dibromoethane	9.610	107	1425	0.569	ug/l	98
64) Tetrachloroethene	9.275	164	1402	0.738	ug/l #	87
65) Chlorobenzene	10.079	112	4333	0.703	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	1157	0.531	ug/l #	64
67) Ethyl Benzene	10.195	91	7222	0.623	ug/l #	80
68) m/p-Xylenes	10.299	106	5334	1.245	ug/l	89
69) o-Xylene	10.640	106	2624	0.617	ug/l	85
70) Styrene	10.659	104	4153	0.606	ug/l	97
71) Bromoform	10.793	173	641	0.447	ug/l #	99
73) Isopropylbenzene	10.963	105	6474	0.619	ug/l	95
74) N-amyl acetate	10.842	43	3001	0.615	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	2383	0.702	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	2431m	0.800	ug/l	
77) Bromobenzene	11.201	156	1627	0.685	ug/l	92
78) n-propylbenzene	11.305	91	7517	0.611	ug/l	100
79) 2-Chlorotoluene	11.366	91	5268	0.684	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	5450	0.613	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	438m	0.465	ug/l	
82) 4-Chlorotoluene	11.451	91	6214	0.700	ug/l	93
83) tert-Butylbenzene	11.713	119	5000	0.578	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	5524	0.618	ug/l	95
85) sec-Butylbenzene	11.890	105	6157	0.567	ug/l	98
86) p-Isopropyltoluene	12.006	119	4895	0.548	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	2854	0.632	ug/l	89
88) 1,4-Dichlorobenzene	12.043	146	3187m	0.699	ug/l	
89) n-Butylbenzene	12.329	91	4094	0.504	ug/l	97
90) Hexachloroethane	12.536	117	603	0.446	ug/l	77
91) 1,2-Dichlorobenzene	12.335	146	2985	0.675	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	403	0.533	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	1832	0.688	ug/l	89
94) Hexachlorobutadiene	13.725	225	619	0.586	ug/l	89
95) Naphthalene	13.774	128	5549	0.609	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.957	180	1604	0.613	ug/l	94

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ClientSampleId :
 MDL-WATER-03-QT2-2023

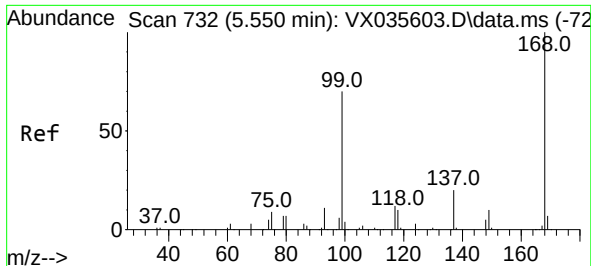
Manual Integrations
APPROVED

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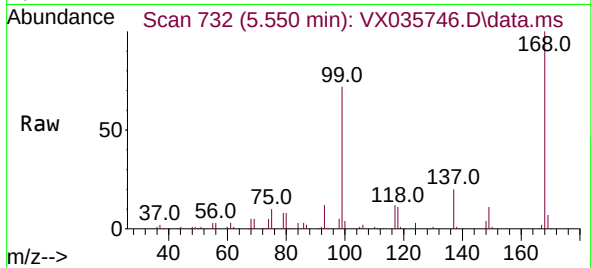
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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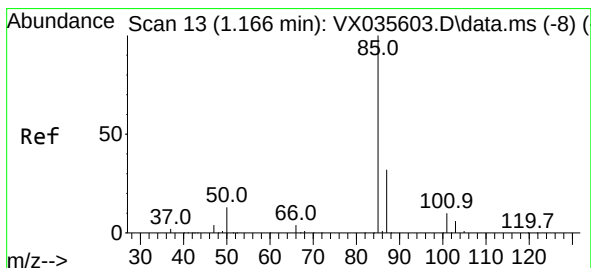
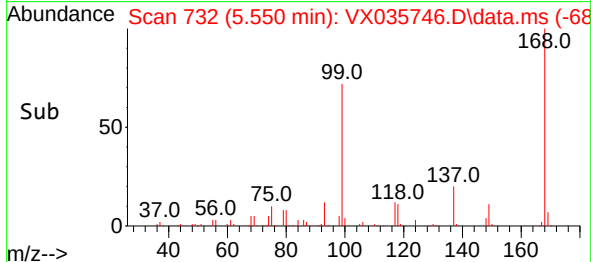
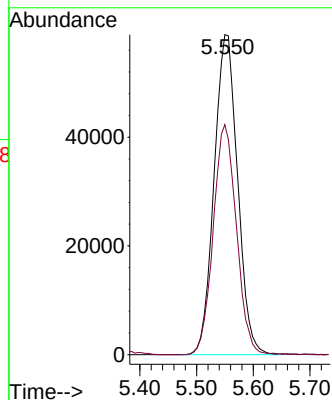
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:168 Resp: 169200
Ion Ratio Lower Upper
168 100
99 71.9 45.7 68.5

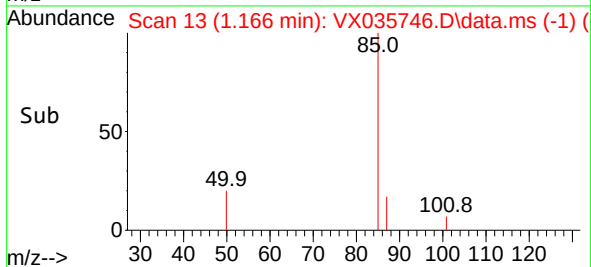
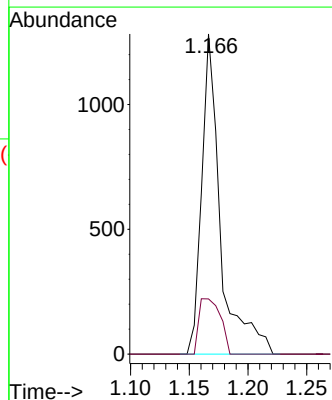
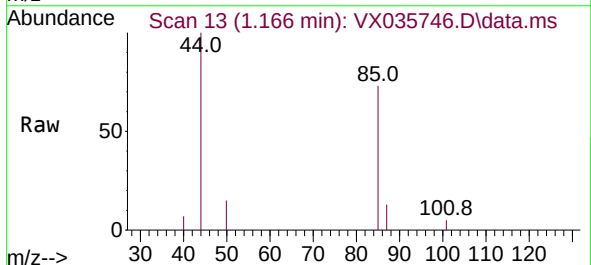
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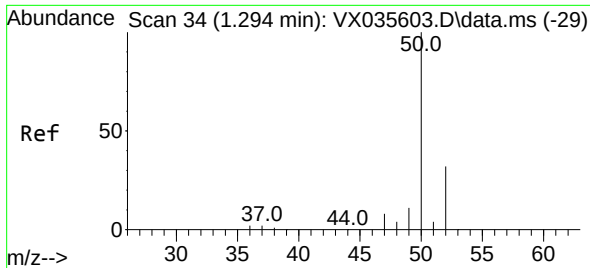
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#2
Dichlorodifluoromethane
Concen: 0.647 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

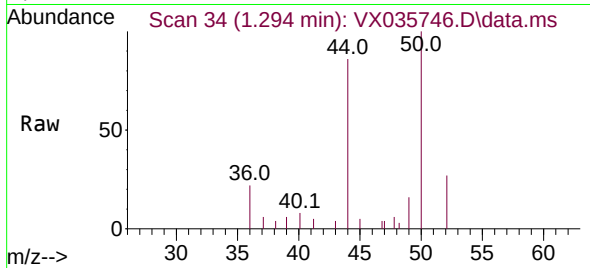
Tgt Ion: 85 Resp: 1426
Ion Ratio Lower Upper
85 100
87 17.2 16.4 49.1





#3
Chloromethane
Concen: 0.762 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

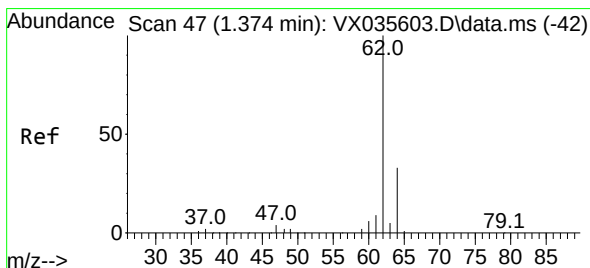
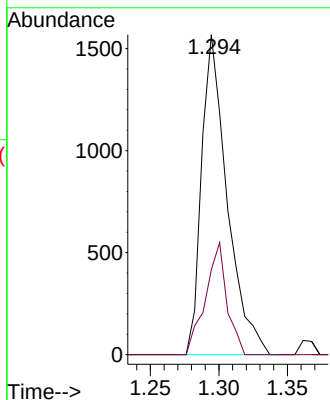
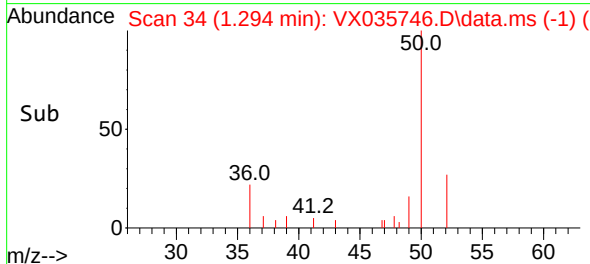
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 50 Resp: 2039
Ion Ratio Lower Upper
50 100
52 26.5 25.9 38.9

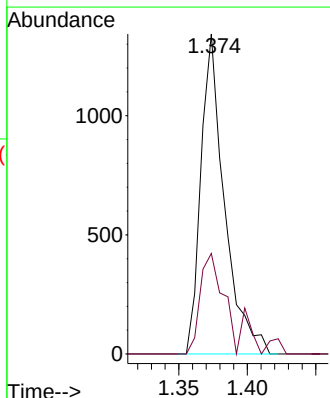
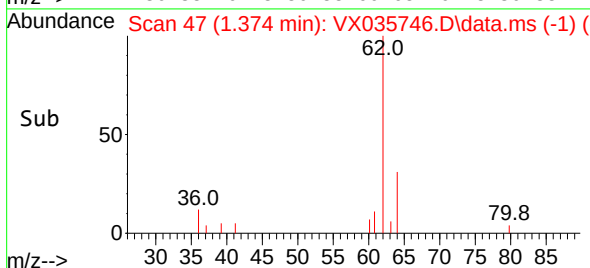
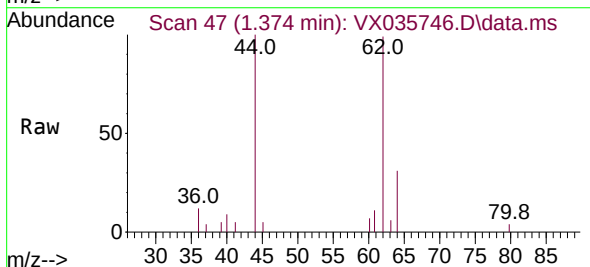
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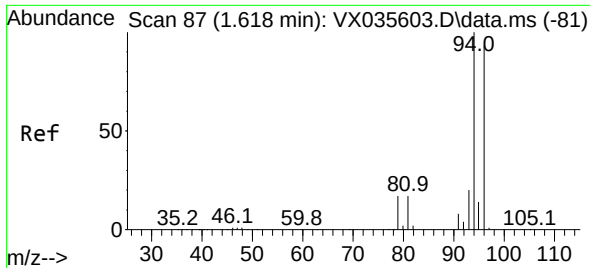
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#4
Vinyl Chloride
Concen: 0.709 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

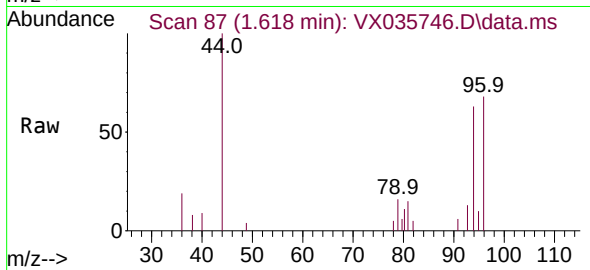
Tgt Ion: 62 Resp: 1610
Ion Ratio Lower Upper
62 100
64 31.4 26.4 39.6





#5
Bromomethane
Concen: 1.010 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

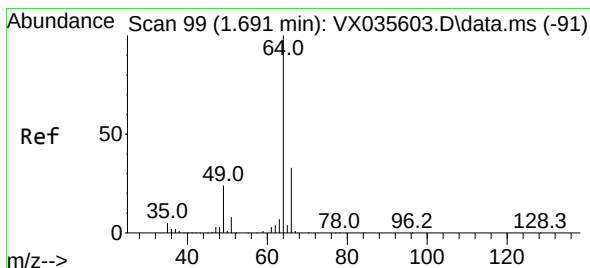
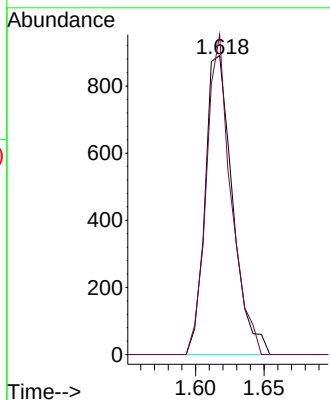
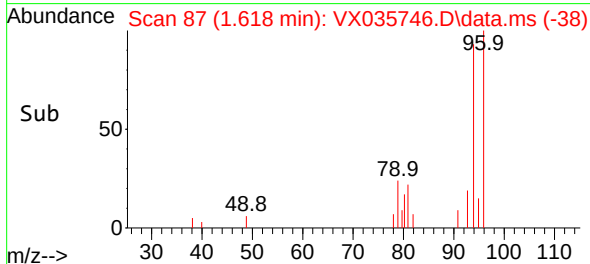
Instrument : MSVOA_X
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Tgt Ion: 94 Resp: 124
Ion Ratio Lower Upper
94 100
96 107.0 77.0 115.6

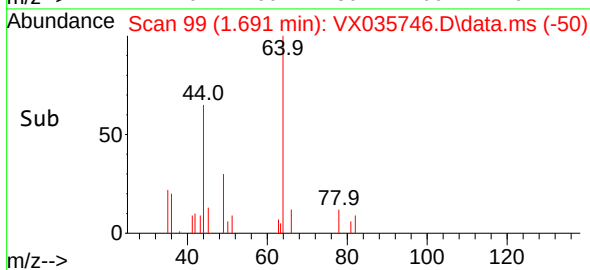
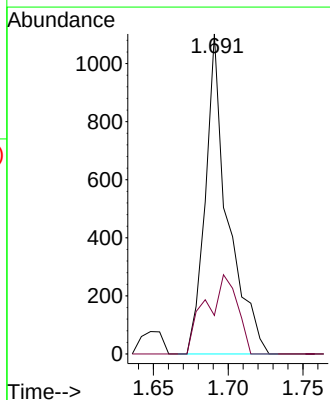
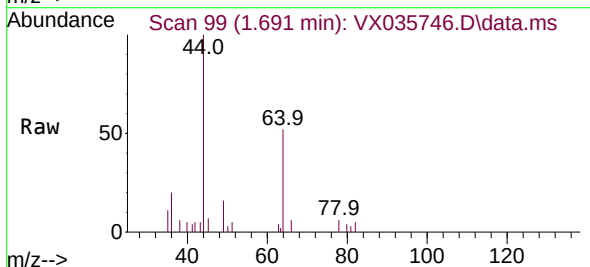
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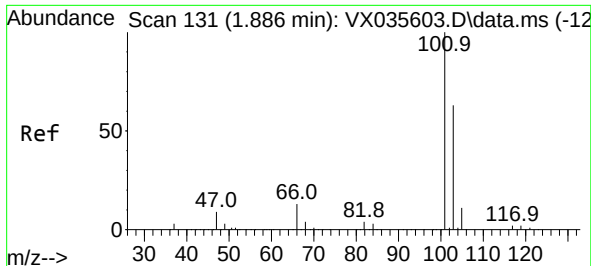
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#6
Chloroethane
Concen: 0.829 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035746.D
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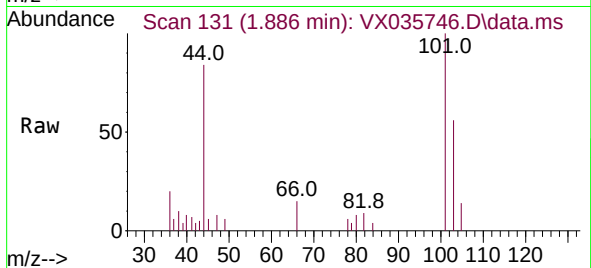
Tgt Ion: 64 Resp: 1142
Ion Ratio Lower Upper
64 100
66 12.1 26.2 39.4#





#7
Trichlorofluoromethane
Concen: 0.709 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

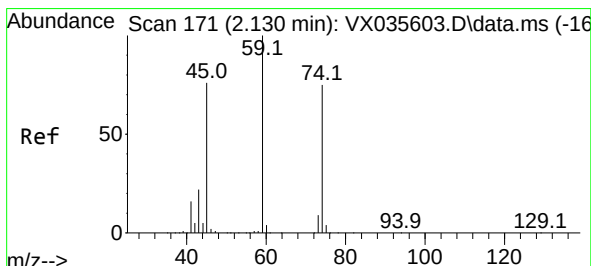
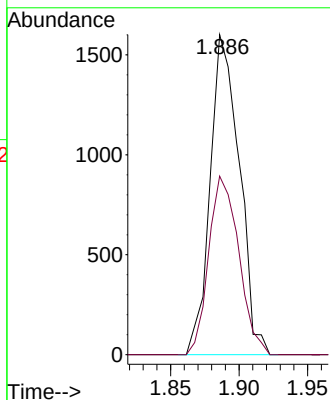
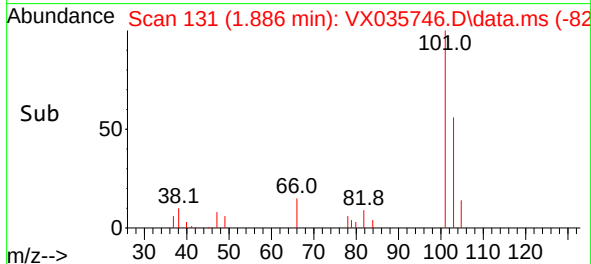
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:101 Resp: 236
Ion Ratio Lower Upper
101 100
103 55.8 52.0 78.0

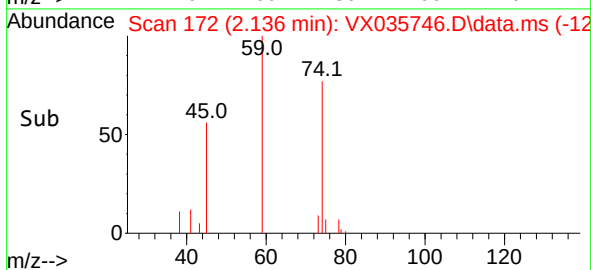
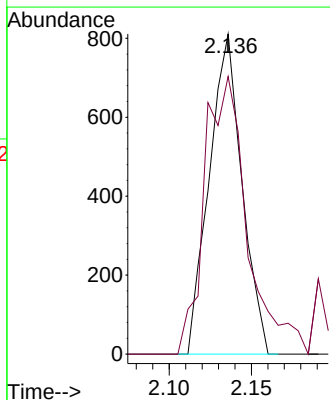
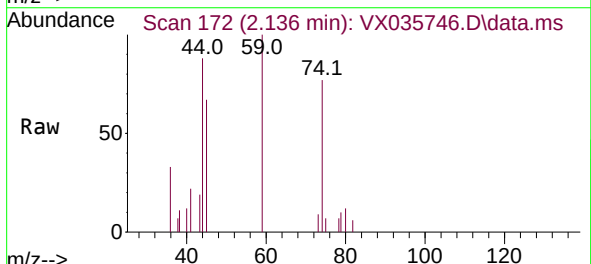
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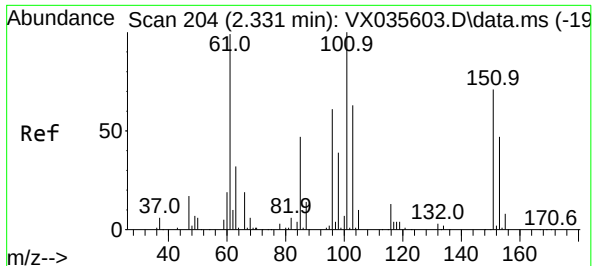
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#8
Diethyl Ether
Concen: 0.873 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 1122
Ion Ratio Lower Upper
74 100
45 112.9 49.8 149.3





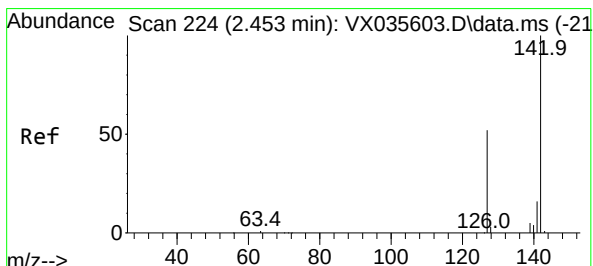
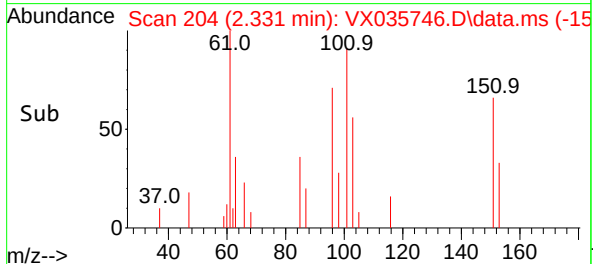
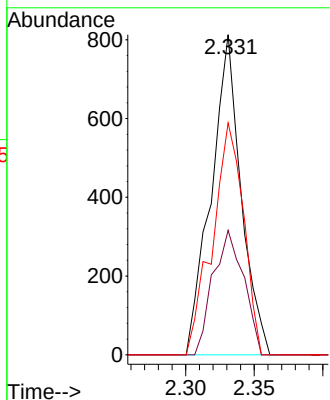
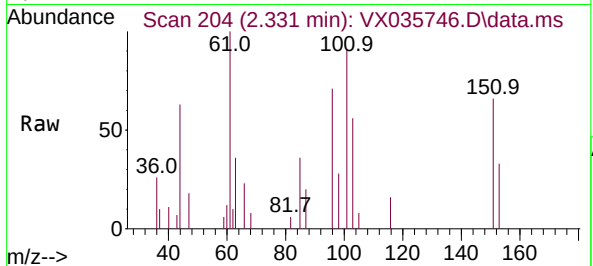
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.622 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:101 Resp: 1234
Ion Ratio Lower Upper
101 100
85 39.7 35.4 53.2
151 75.3 60.2 90.4

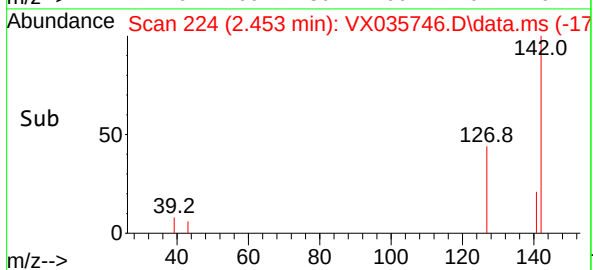
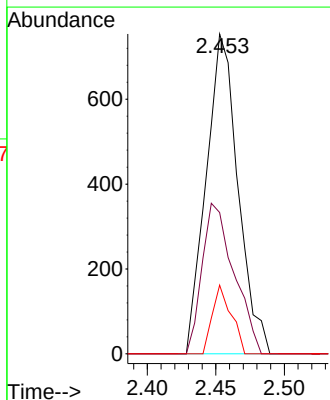
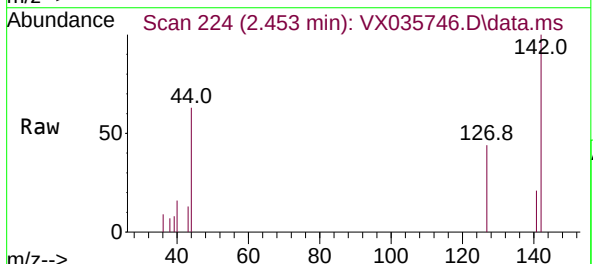
Manual Integrations
APPROVED

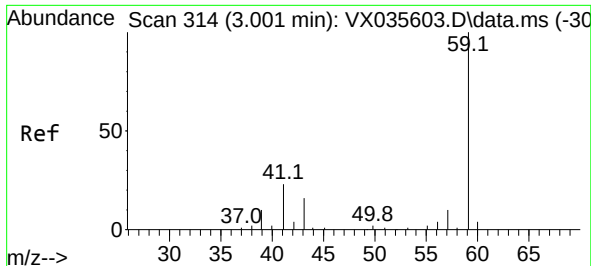
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#10
Methyl Iodide
Concen: 0.688 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

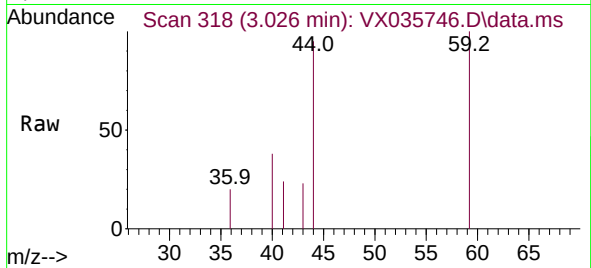
Tgt Ion:142 Resp: 1220
Ion Ratio Lower Upper
142 100
127 47.1 34.0 51.0
141 12.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 3.604 ug/l m
RT: 3.026 min Scan# 314
Delta R.T. 0.025 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

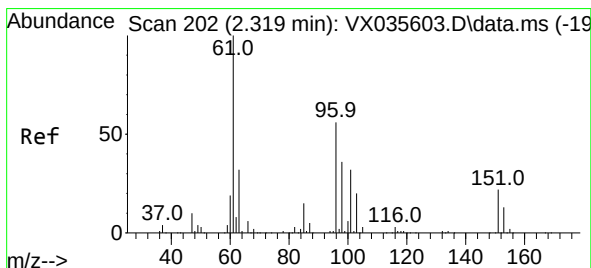
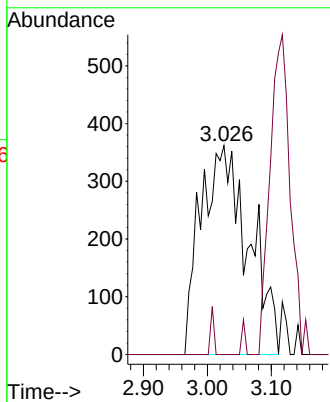
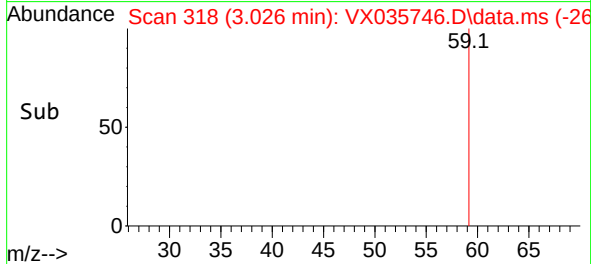
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 59 Resp: 187
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1

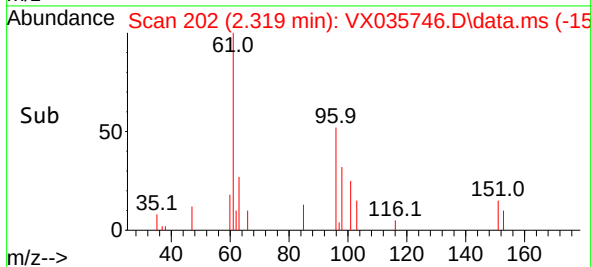
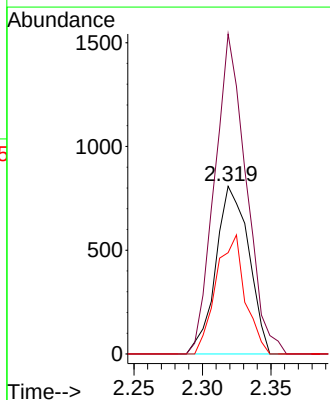
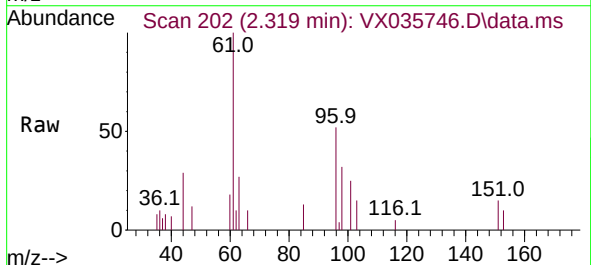
Manual Integrations
APPROVED

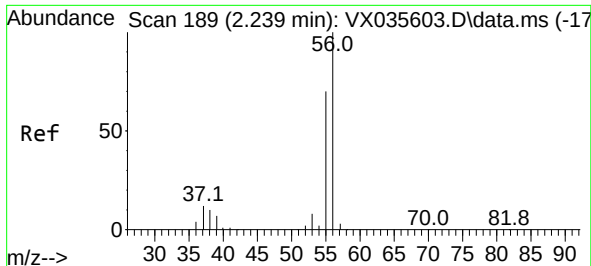
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#12
1,1-Dichloroethene
Concen: 0.717 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

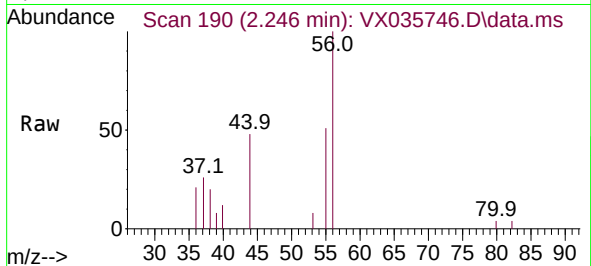
Tgt Ion: 96 Resp: 1351
Ion Ratio Lower Upper
96 100
61 190.8 128.8 193.2
98 60.4 51.4 77.0





#13
Acrolein
Concen: 3.548 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

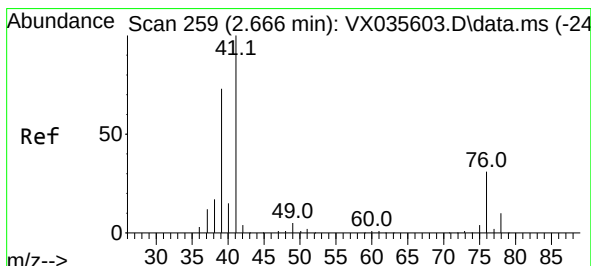
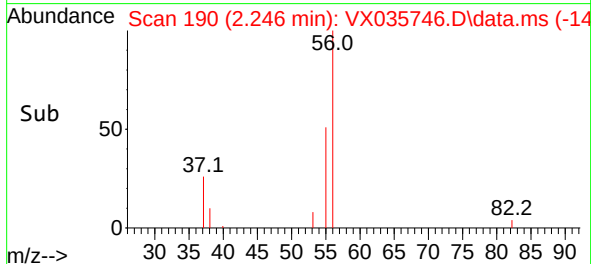
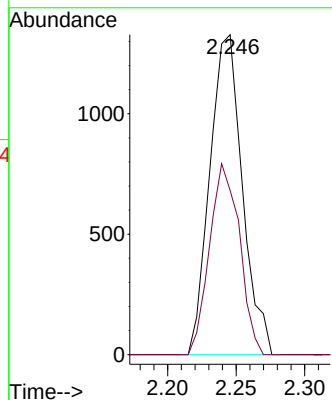
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion: 56 Resp: 219
Ion Ratio Lower Upper
56 100
55 54.9 56.6 85.0

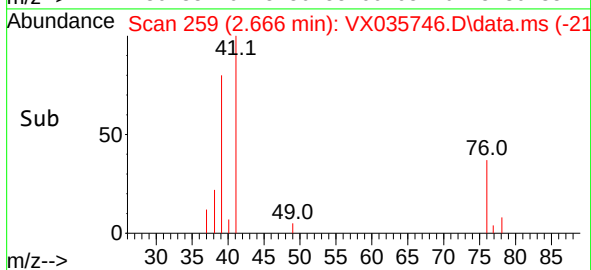
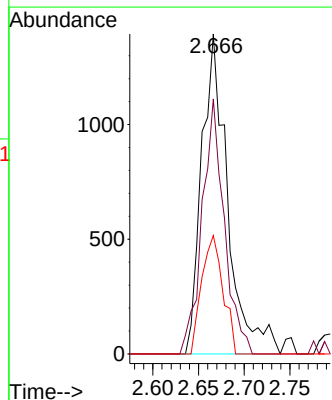
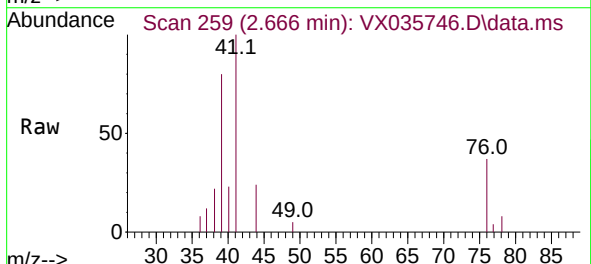
Manual Integrations
APPROVED

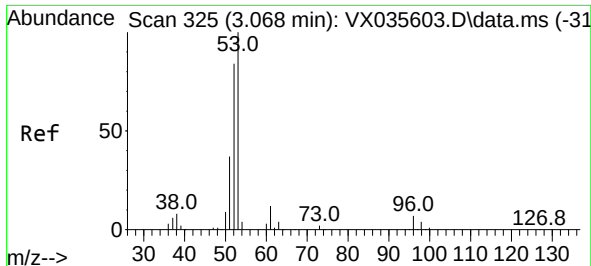
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#14
Allyl chloride
Concen: 0.682 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

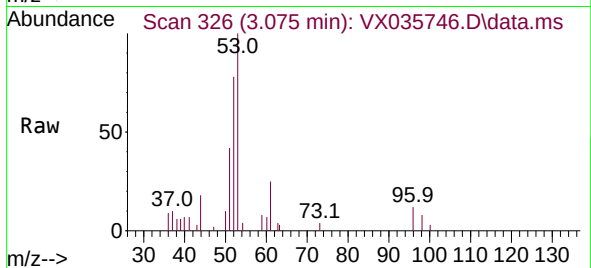
Tgt Ion: 41 Resp: 2755
Ion Ratio Lower Upper
41 100
39 67.9 52.4 78.6
76 30.3 26.0 39.0





#15
Acrylonitrile
Concen: 4.004 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

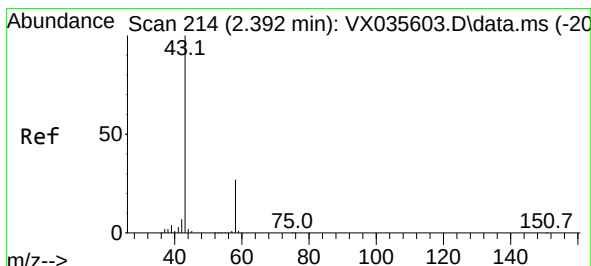
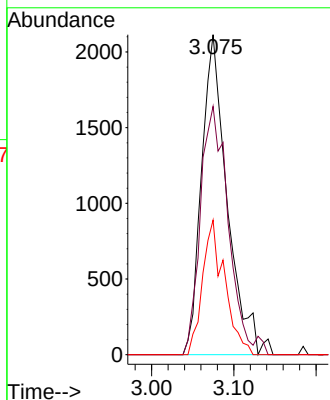
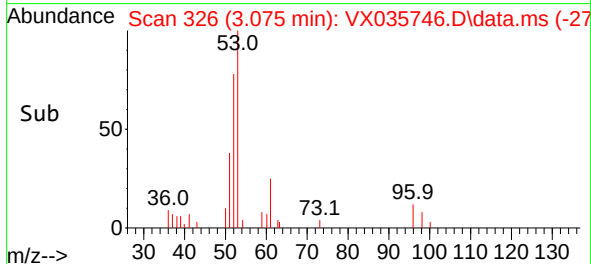
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 53 Resp: 4592
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 36.1 28.3 42.5

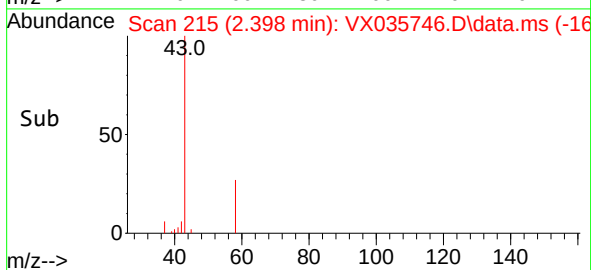
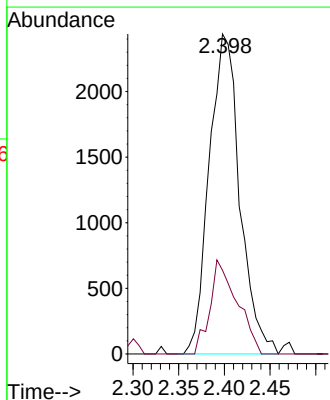
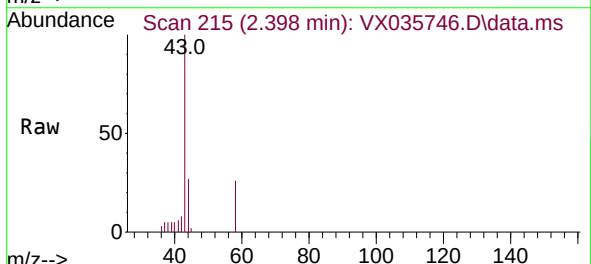
Manual Integrations
APPROVED

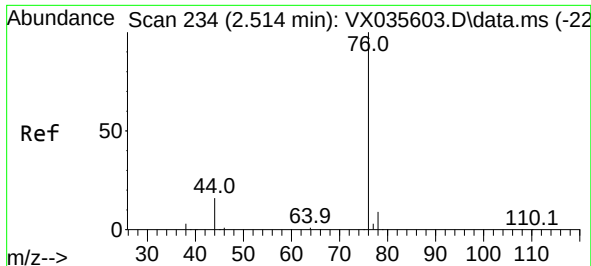
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#16
Acetone
Concen: 4.478 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Tgt Ion: 43 Resp: 5681
Ion Ratio Lower Upper
43 100
58 26.2 24.7 37.1





#17

Carbon Disulfide

Concen: 0.584 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 76 Resp: 265

Ion Ratio Lower Upper

76 100

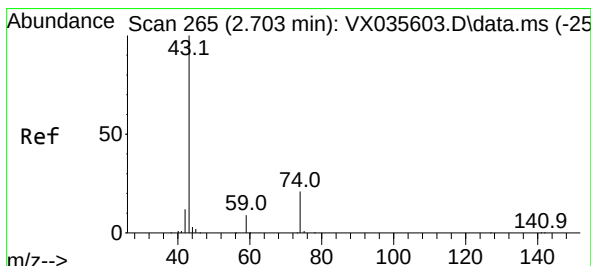
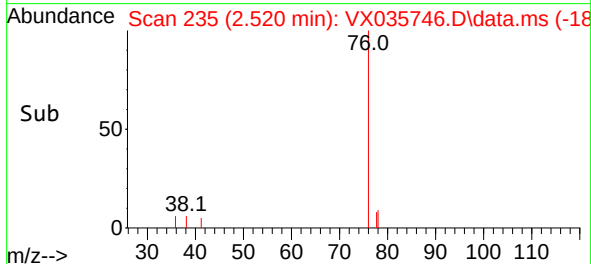
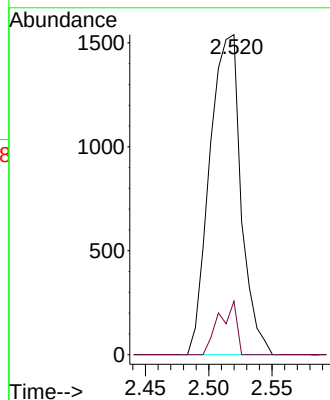
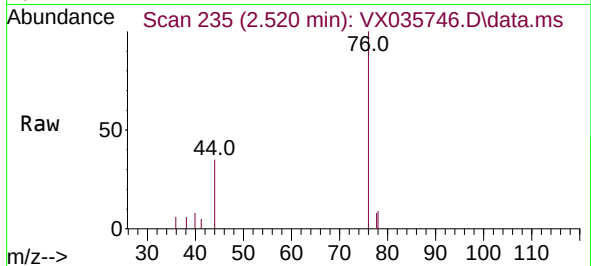
78 16.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#18

Methyl Acetate

Concen: 0.744 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX035746.D

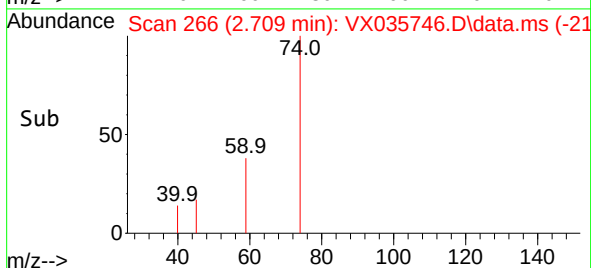
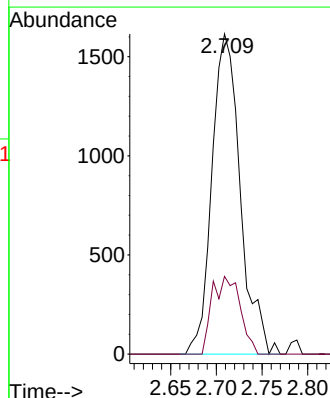
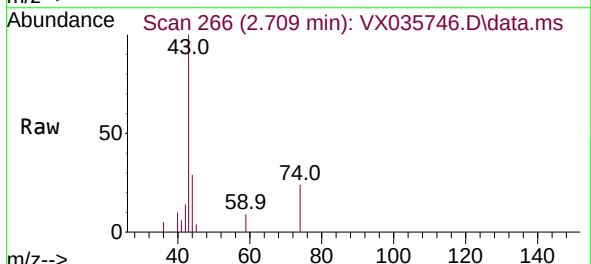
Acq: 18 May 2023 16:46

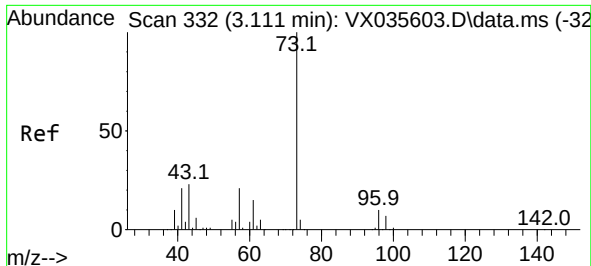
Tgt Ion: 43 Resp: 3483

Ion Ratio Lower Upper

43 100

74 23.9 18.3 27.5





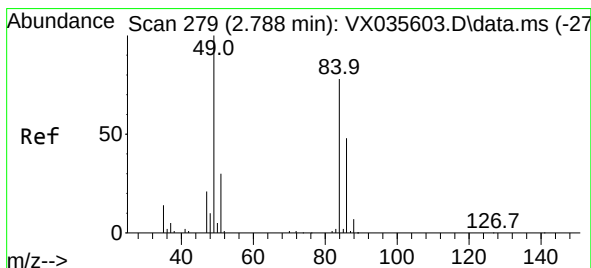
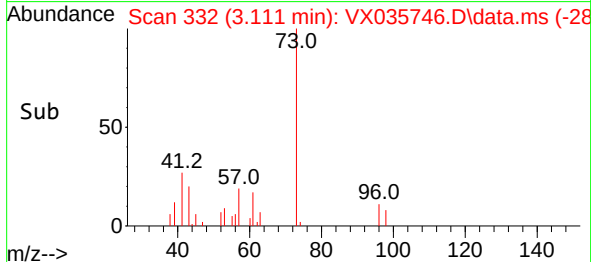
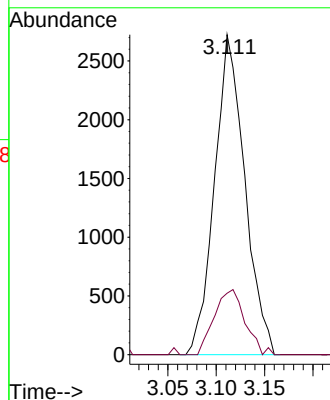
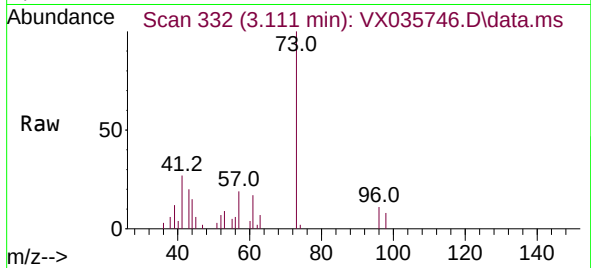
#19
Methyl tert-butyl Ether
Concen: 0.789 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 73 Resp: 5919
Ion Ratio Lower Upper
73 100
57 19.2 18.5 27.7

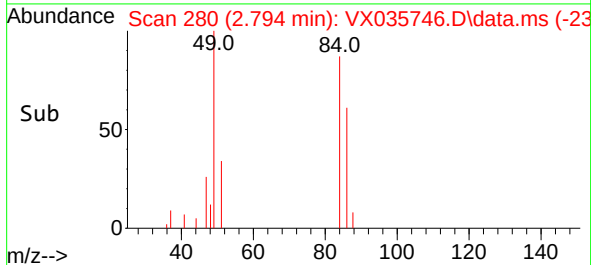
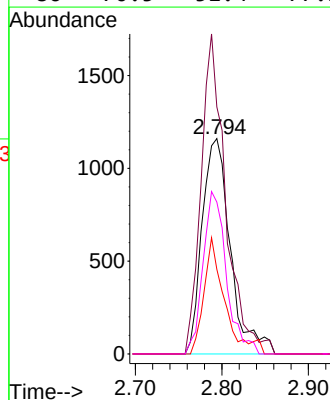
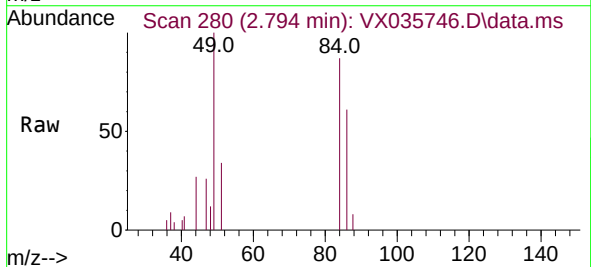
Manual Integrations
APPROVED

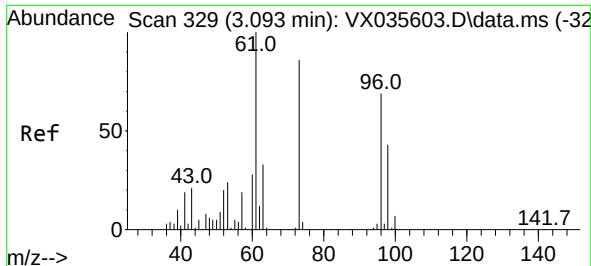
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#20
Methylene Chloride
Concen: 1.144 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

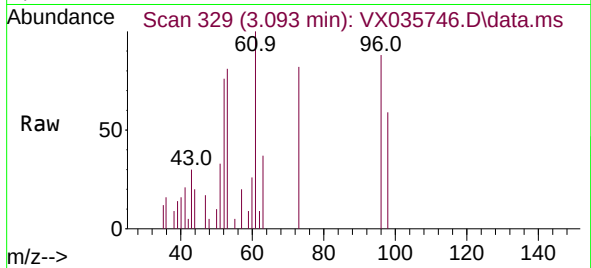
Tgt Ion: 84 Resp: 2630
Ion Ratio Lower Upper
84 100
49 114.7 103.8 155.8
51 39.3 31.8 47.8
86 70.5 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 0.753 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

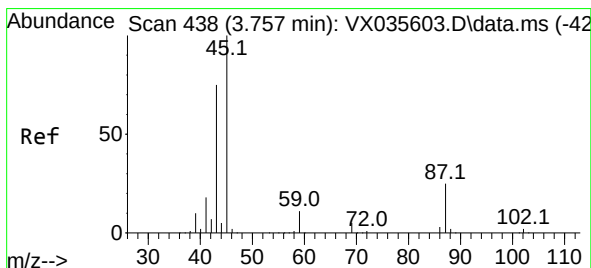
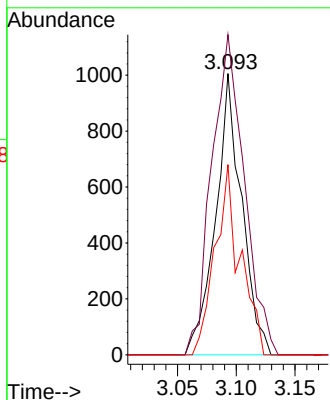
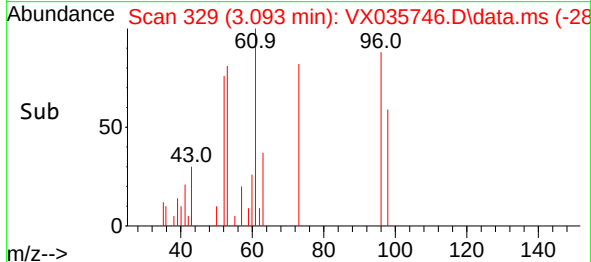
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



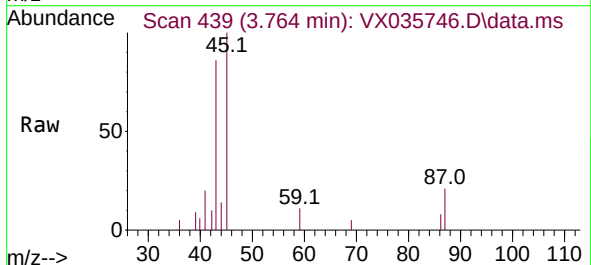
Tgt Ion: 96 Resp: 1554
Ion Ratio Lower Upper
96 100
61 113.8 113.0 169.6
98 67.6 52.1 78.1

Manual Integrations
APPROVED

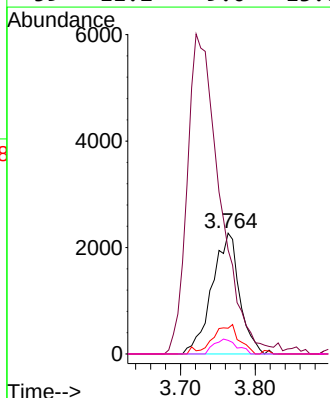
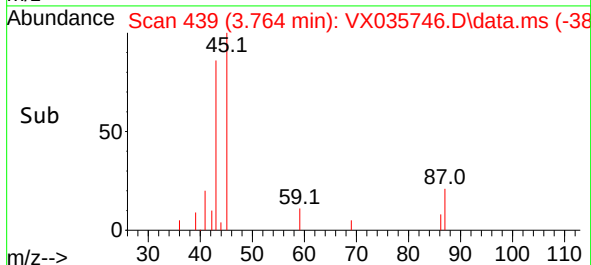
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

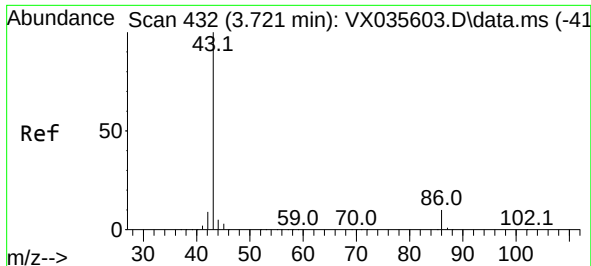


#22
Diisopropyl ether
Concen: 0.736 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.007 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46



Tgt Ion: 45 Resp: 5815
Ion Ratio Lower Upper
45 100
43 77.0 65.4 98.2
87 21.3 20.6 31.0
59 11.2 9.0 13.6





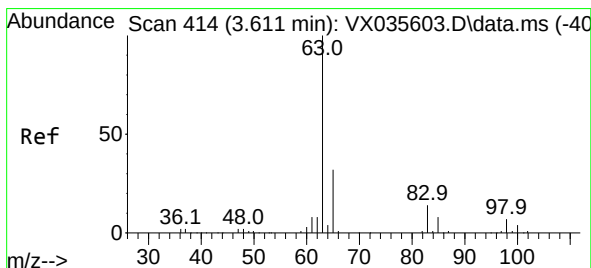
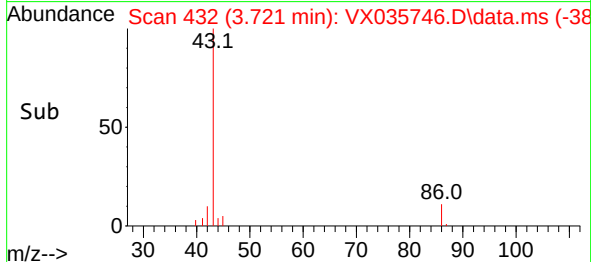
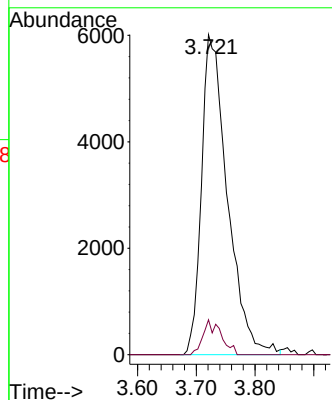
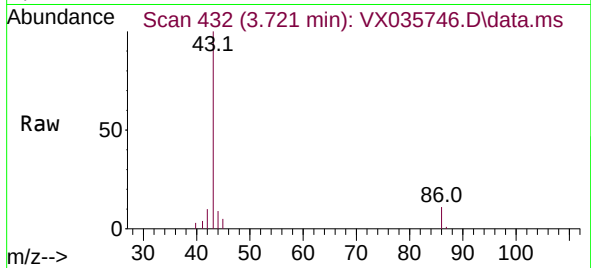
#23
 Vinyl Acetate
 Concen: 3.297 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035746.D
 Acq: 18 May 2023 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Tgt Ion: 43 Resp: 1843
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.5 12.7

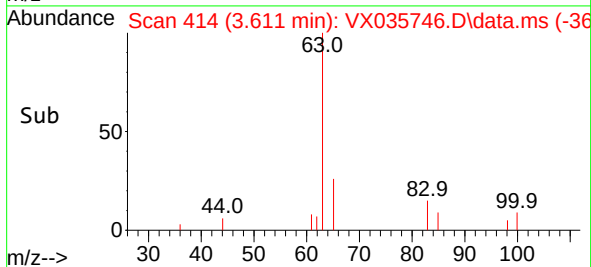
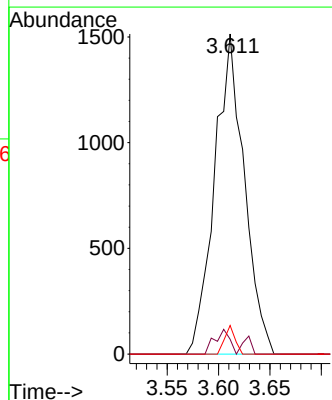
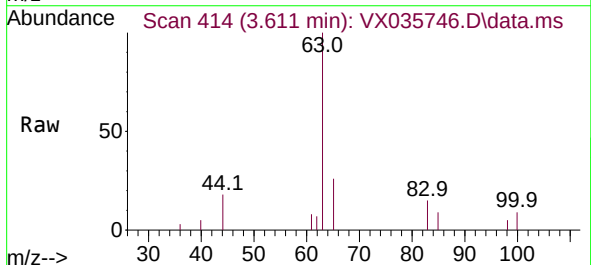
Manual Integrations
 APPROVED

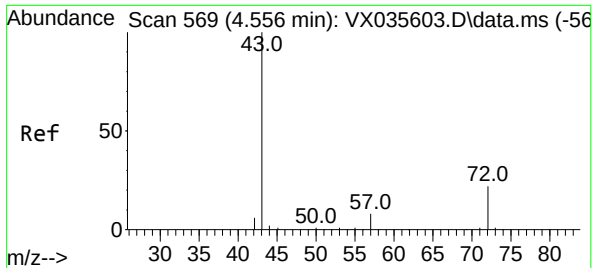
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#24
 1,1-Dichloroethane
 Concen: 0.718 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035746.D
 Acq: 18 May 2023 16:46

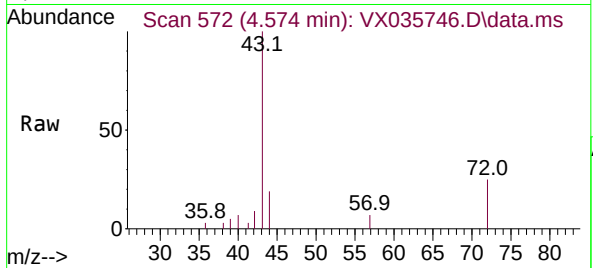
Tgt Ion: 63 Resp: 3036
 Ion Ratio Lower Upper
 63 100
 98 4.6 3.8 11.2
 100 8.9 2.4 7.1#





#25
2-Butanone
Concen: 4.065 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

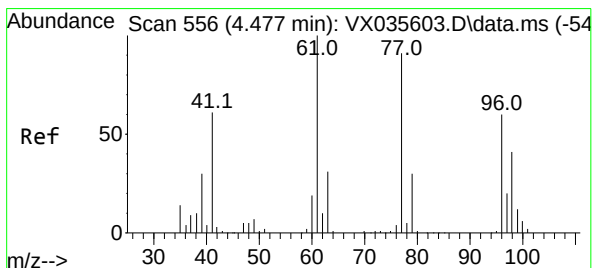
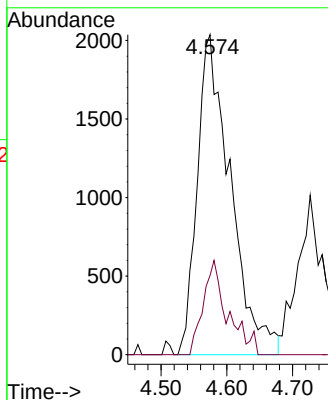
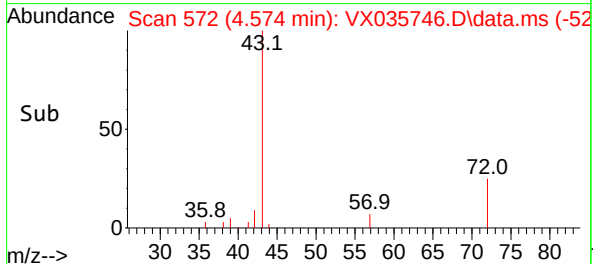
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 43 Resp: 7139
Ion Ratio Lower Upper
43 100
72 24.7 19.3 28.9

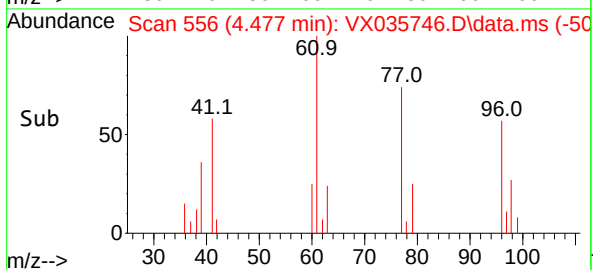
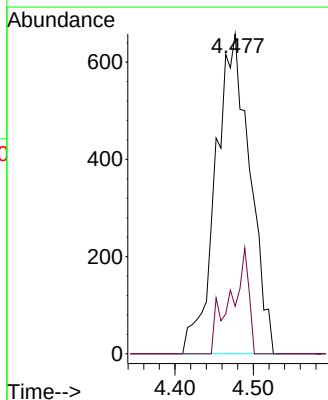
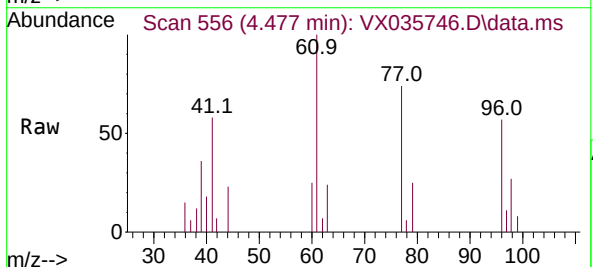
Manual Integrations
APPROVED

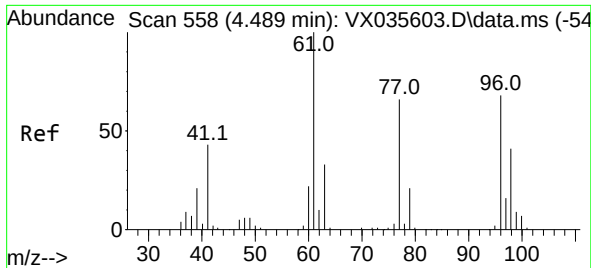
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#26
2,2-Dichloropropane
Concen: 0.561 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

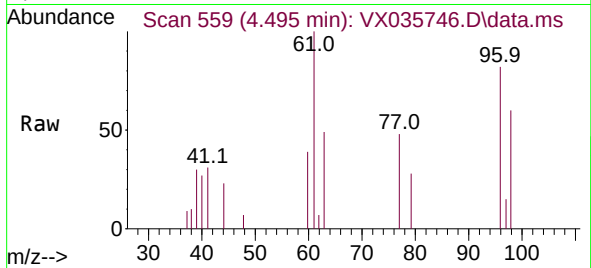
Tgt Ion: 77 Resp: 2009
Ion Ratio Lower Upper
77 100
97 17.6 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 0.728 ug/l
 RT: 4.495 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: VX035746.D
 Acq: 18 May 2023 16:46

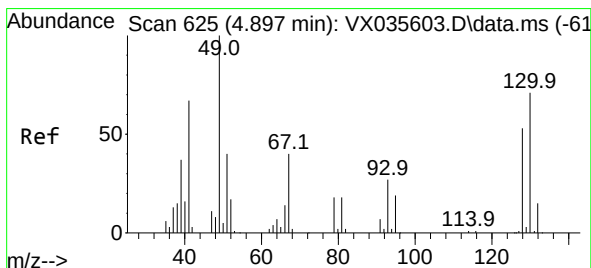
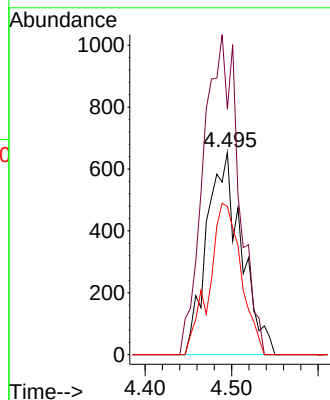
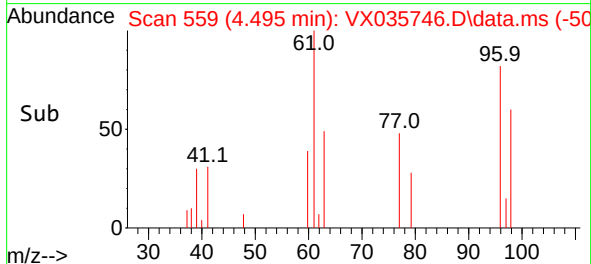
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2023



Tgt Ion: 96 Resp: 1808
 Ion Ratio Lower Upper
 96 100
 61 161.4 0.0 300.4
 98 69.2 0.0 129.0

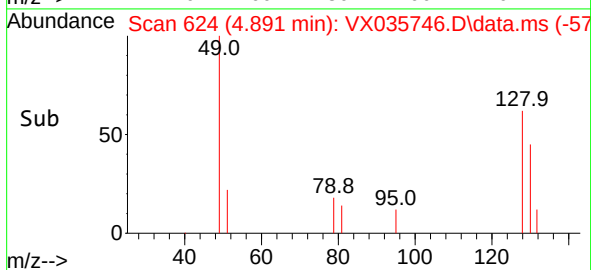
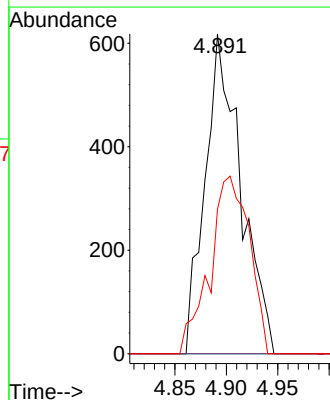
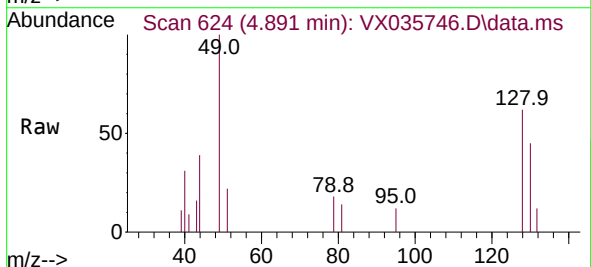
Manual Integrations
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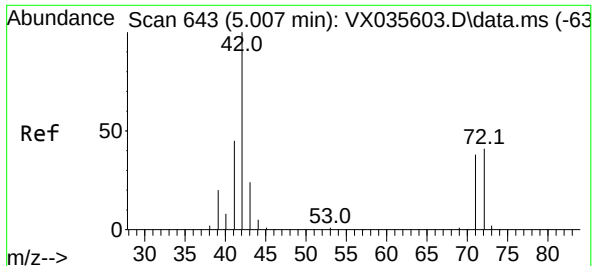
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023



#28
 Bromochloromethane
 Concen: 0.787 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX035746.D
 Acq: 18 May 2023 16:46

Tgt Ion: 49 Resp: 1497
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.0
 130 61.3 58.2 87.2





#29

Tetrahydrofuran

Concen: 4.029 ug/l

RT: 5.026 min Scan# 644

Delta R.T. 0.019 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

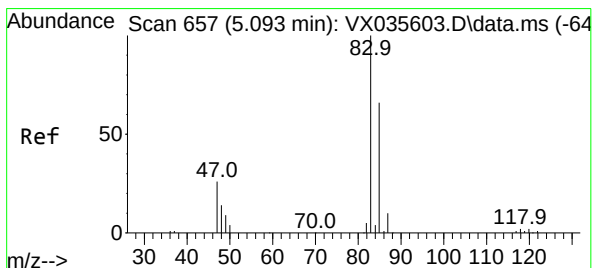
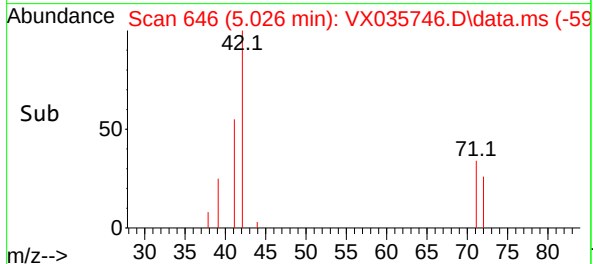
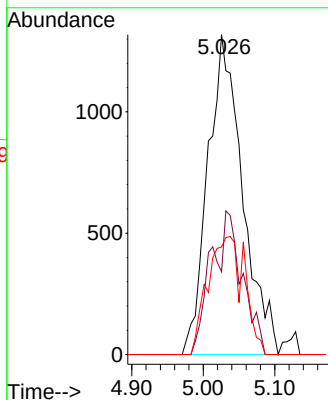
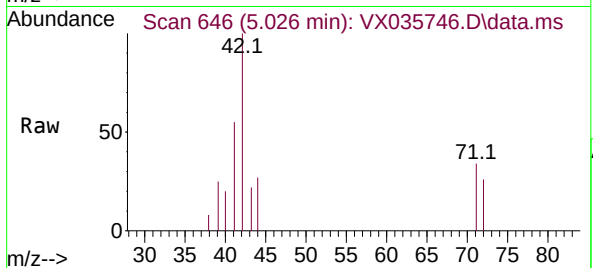
Tgt Ion:	42	Resp:	444
Ion Ratio	Lower	Upper	
42	100		
72	23.9	34.5	51.7
71	38.9	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#30

Chloroform

Concen: 0.721 ug/l

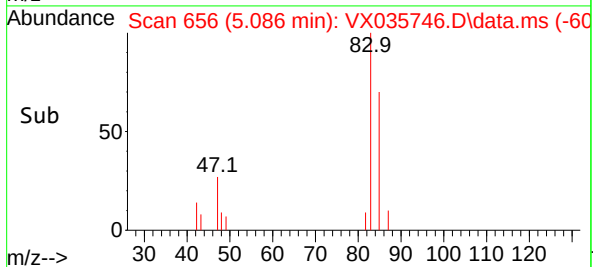
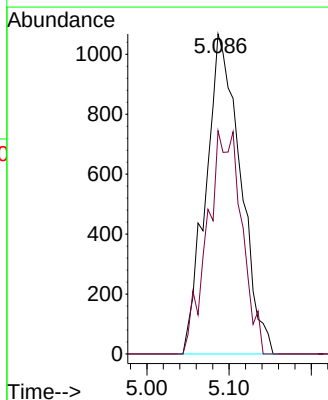
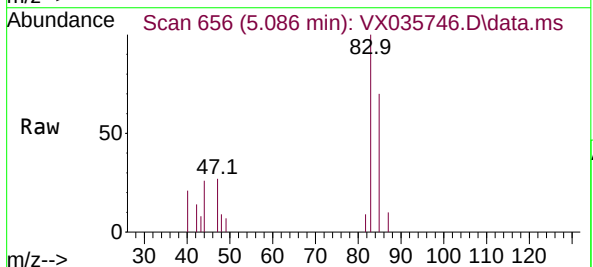
RT: 5.086 min Scan# 656

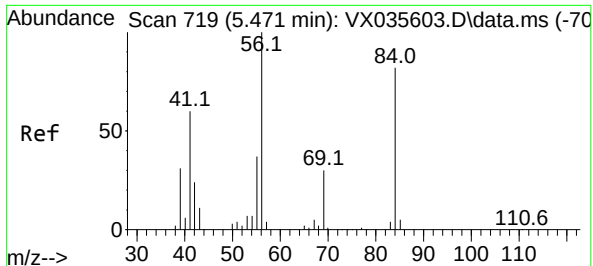
Delta R.T. -0.007 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Tgt Ion:	83	Resp:	3122
Ion Ratio	Lower	Upper	
83	100		
85	69.8	50.6	76.0





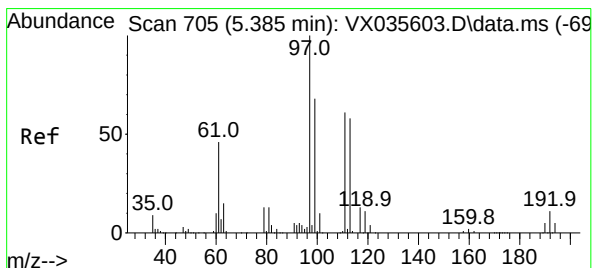
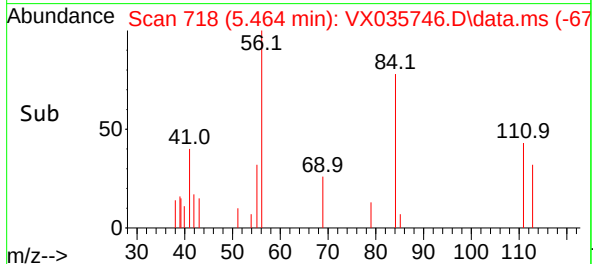
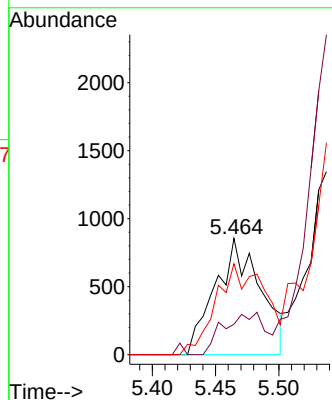
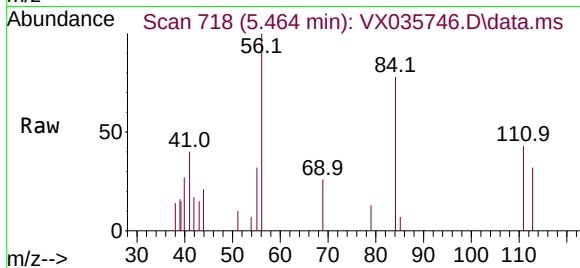
#31
Cyclohexane
Concen: 0.569 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.007 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 56 Resp: 212
Ion Ratio Lower Upper
56 100
69 16.3 23.7 35.5
84 78.1 68.5 102.7

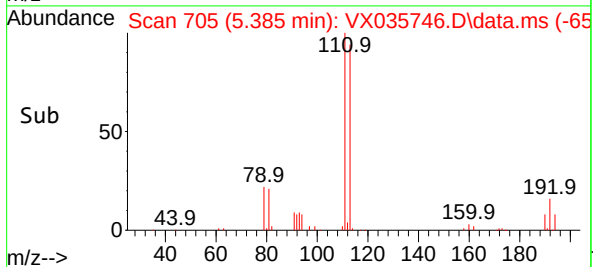
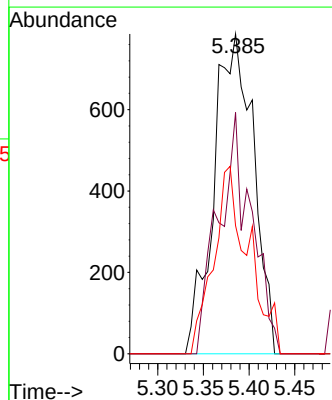
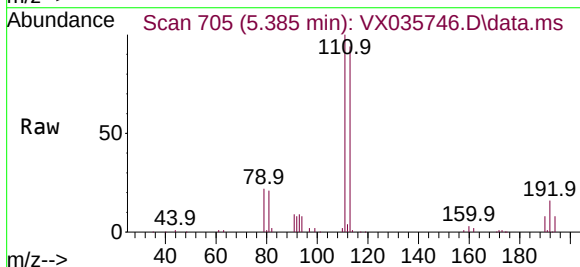
Manual Integrations
APPROVED

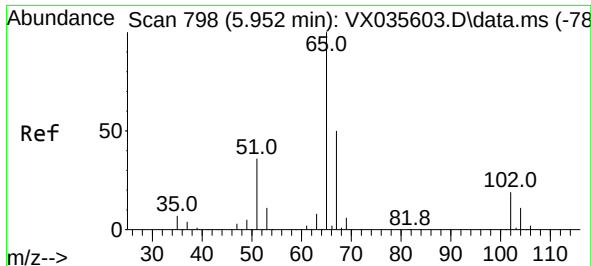
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#32
1,1,1-Trichloroethane
Concen: 0.629 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Tgt Ion: 97 Resp: 2371
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 51.8 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 57.685 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 65 Resp: 170279

Ion Ratio Lower Upper

65 100

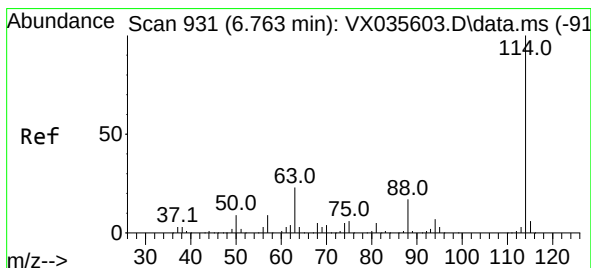
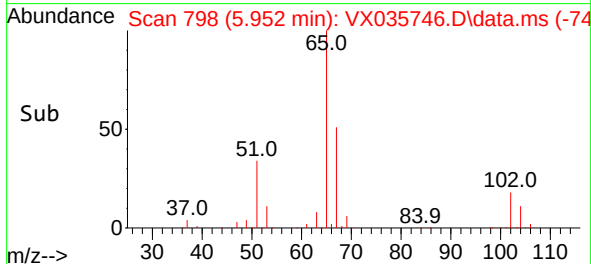
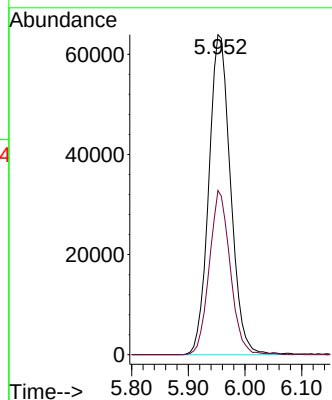
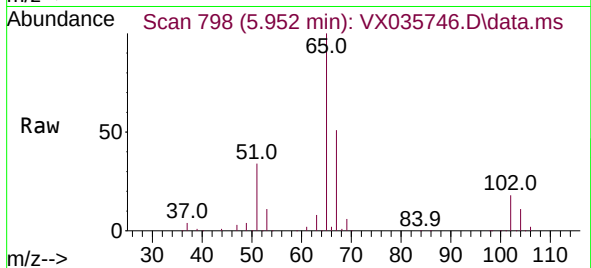
67 49.4 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

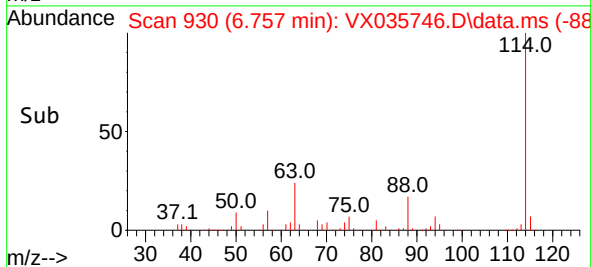
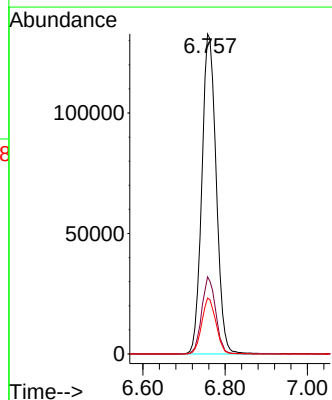
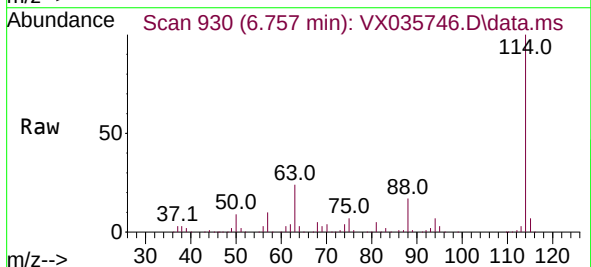
Tgt Ion:114 Resp: 322027

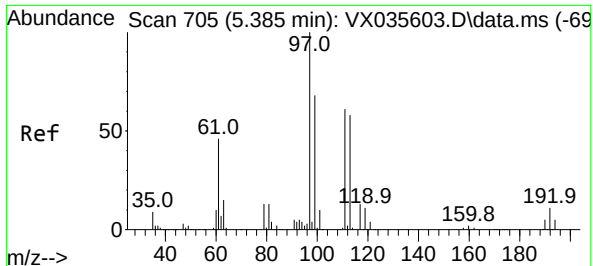
Ion Ratio Lower Upper

114 100

63 24.1 0.0 42.2

88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.154 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

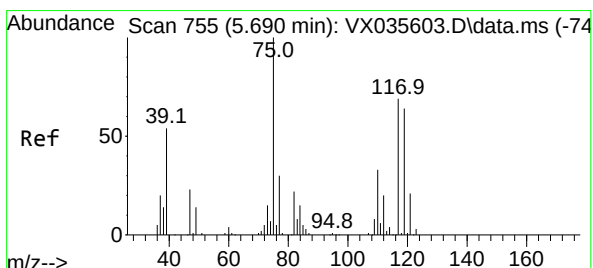
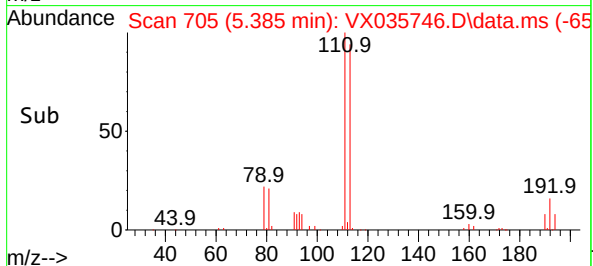
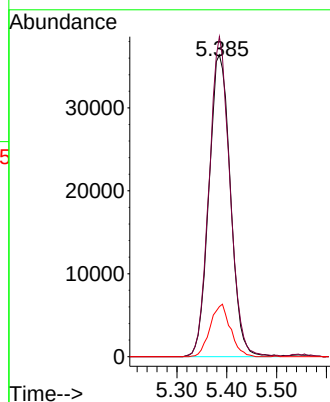
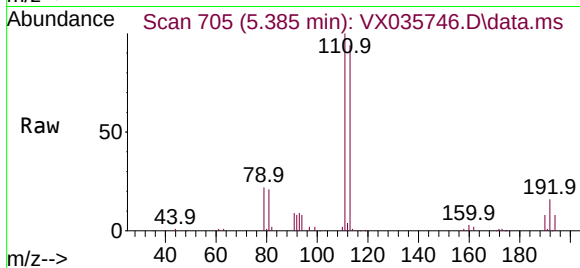
Tgt Ion:	113	Resp:	10892
Ion Ratio	Lower	Upper	
113	100		
111	102.6	83.7	125.5
192	16.4	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#36

1,1-Dichloropropene

Concen: 0.640 ug/l

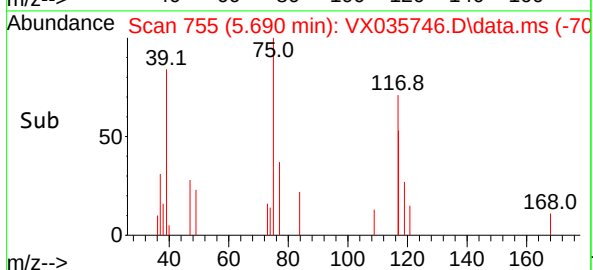
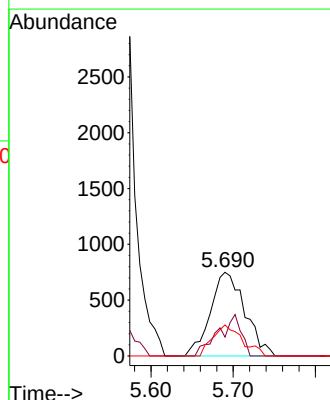
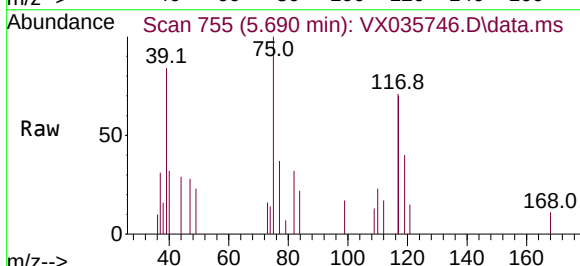
RT: 5.690 min Scan# 755

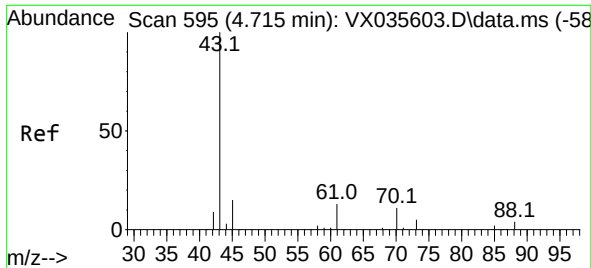
Delta R.T. 0.000 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Tgt Ion:	75	Resp:	2193
Ion Ratio	Lower	Upper	
75	100		
110	32.9	17.5	52.5
77	31.5	24.3	36.5





#37

Ethyl Acetate

Concen: 0.784 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

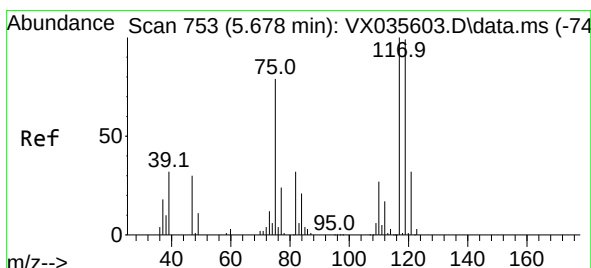
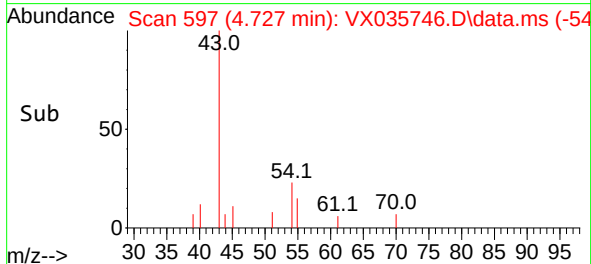
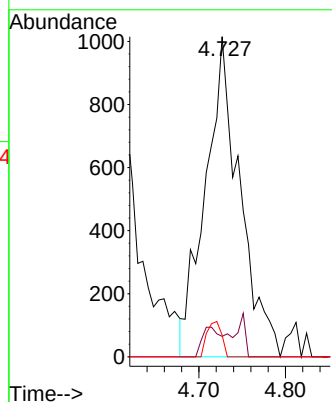
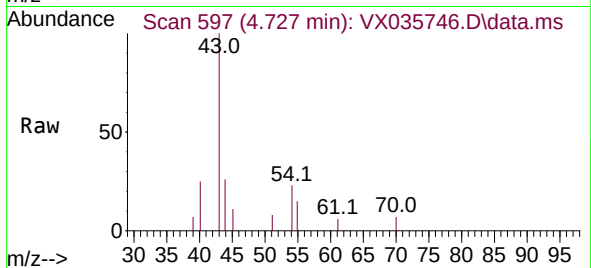
Tgt Ion: 43	Resp: 280
Ion Ratio	Lower Upper
43 100	
61 4.9	10.2 15.4
70 4.7	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#38

Carbon Tetrachloride

Concen: 0.313 ug/l

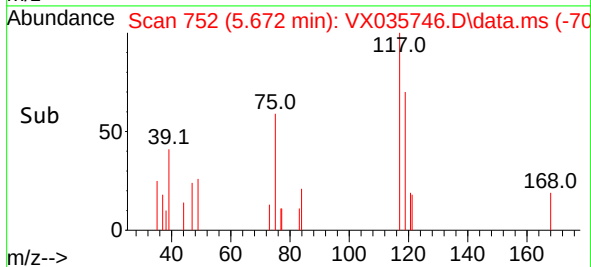
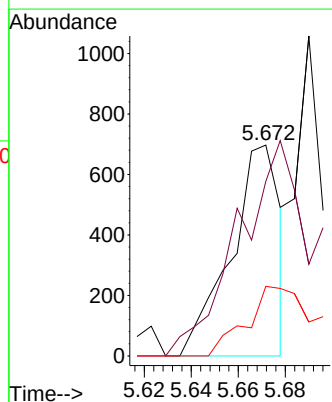
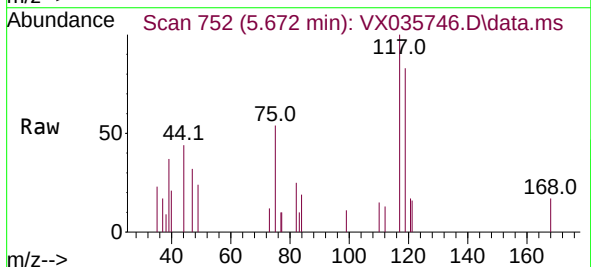
RT: 5.672 min Scan# 752

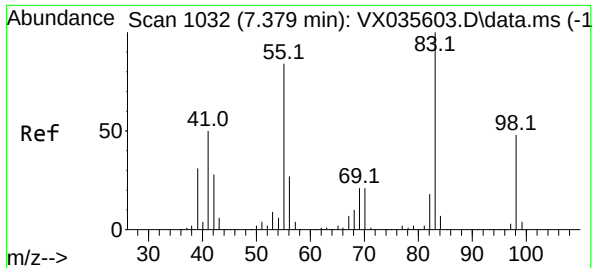
Delta R.T. -0.006 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Tgt Ion: 117	Resp: 1015
Ion Ratio	Lower Upper
117 100	
119 73.6	76.6 114.8
121 33.0	23.8 35.6





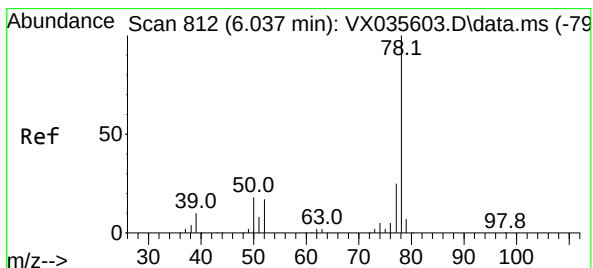
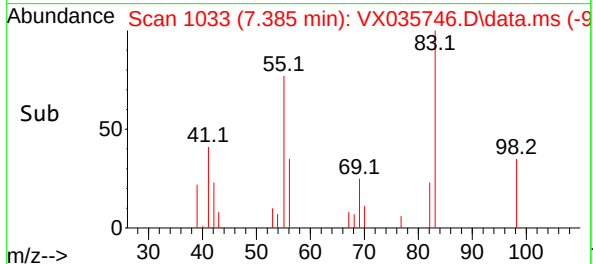
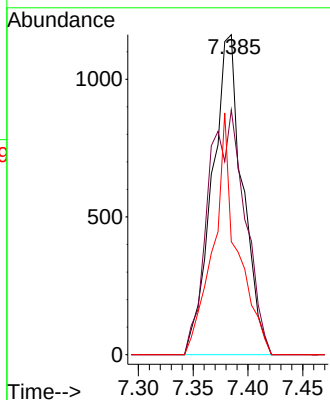
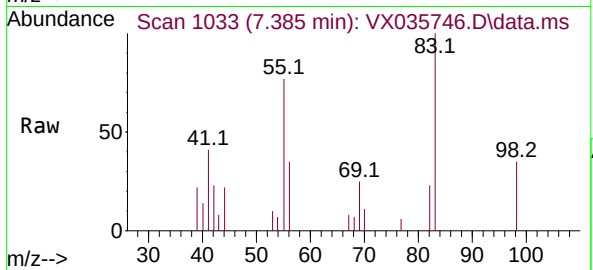
#39
Methylcyclohexane
Concen: 0.558 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 83 Resp: 225
Ion Ratio Lower Upper
83 100
55 76.5 60.5 90.7
98 35.3 40.4 60.6

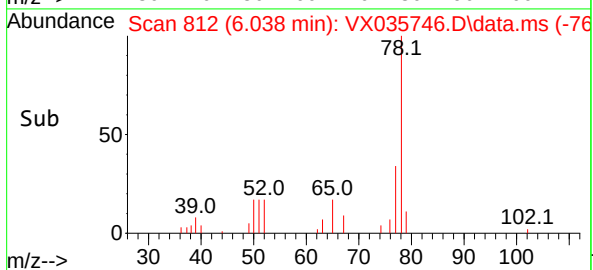
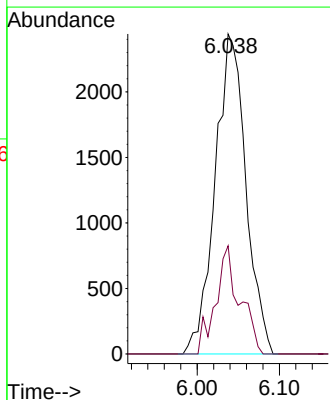
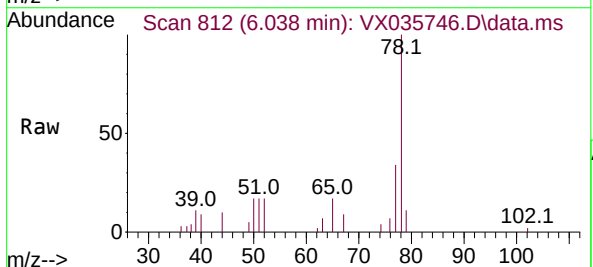
Manual Integrations
APPROVED

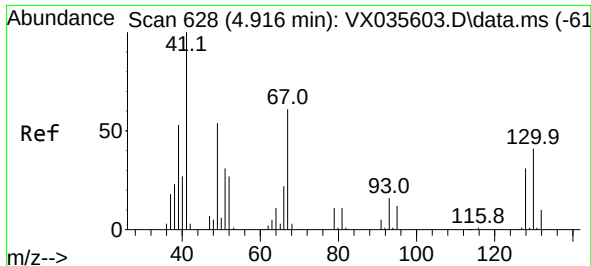
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#40
Benzene
Concen: 0.663 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

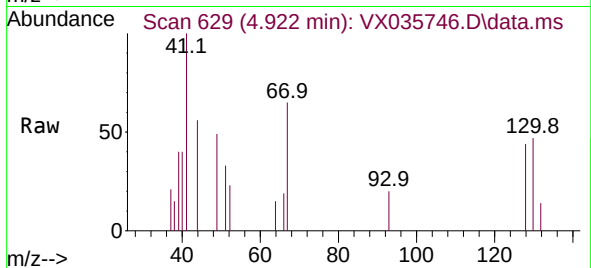
Tgt Ion: 78 Resp: 6356
Ion Ratio Lower Upper
78 100
77 33.8 19.0 28.4#





#41
Methacrylonitrile
Concen: 0.680 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

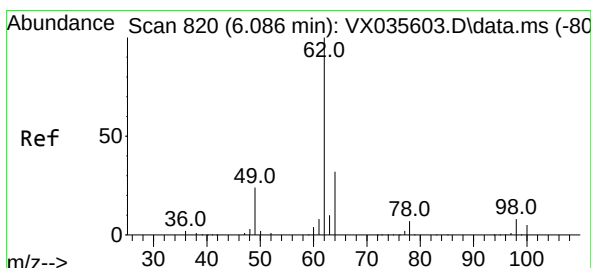
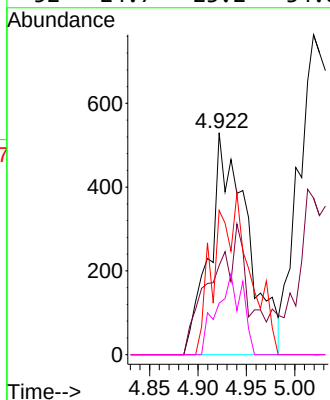
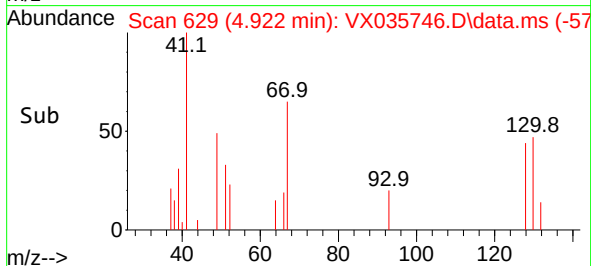
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:	41	Resp:	144
Ion Ratio	100	Lower	Upper
39	57.2	45.0	67.6
67	34.5	55.6	83.4
52	24.7	23.2	34.8

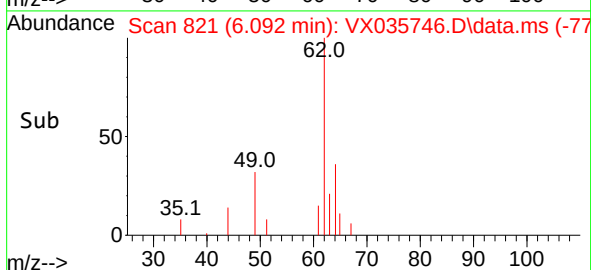
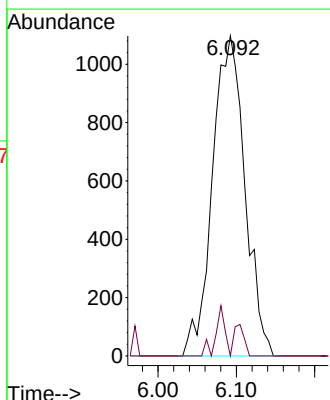
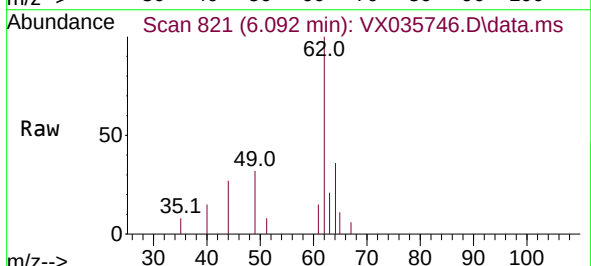
Manual Integrations
APPROVED

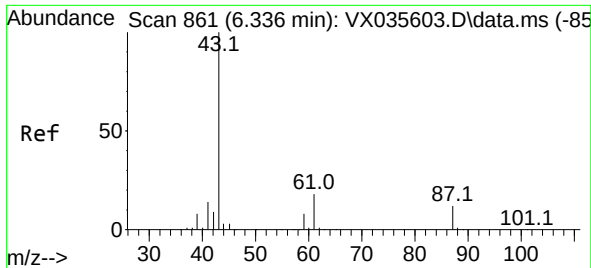
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#42
1,2-Dichloroethane
Concen: 0.765 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

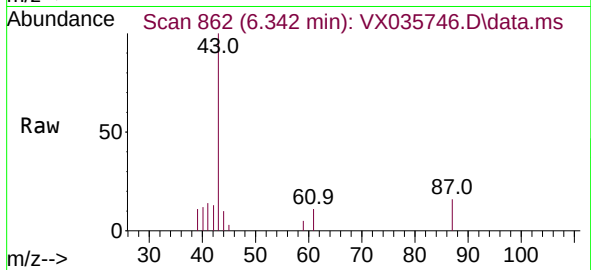
Tgt Ion:	62	Resp:	3157
Ion Ratio	100	Lower	Upper
98	3.1	0.0	18.0





#43
Isopropyl Acetate
Concen: 0.701 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

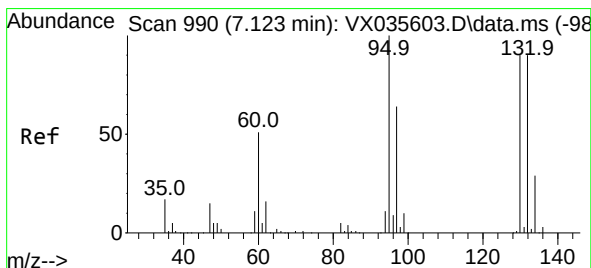
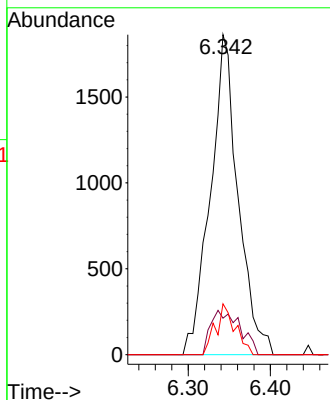
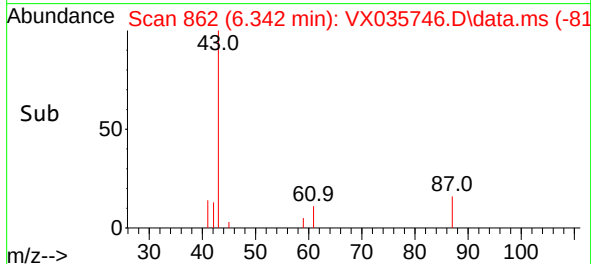
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 43 Resp: 4368
Ion Ratio Lower Upper
43 100
61 14.7 15.2 22.8
87 11.1 9.8 14.8

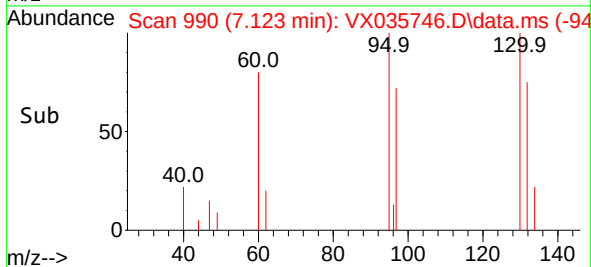
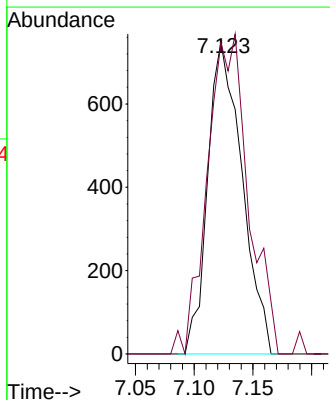
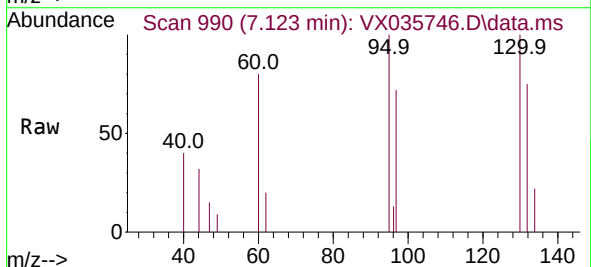
Manual Integrations
APPROVED

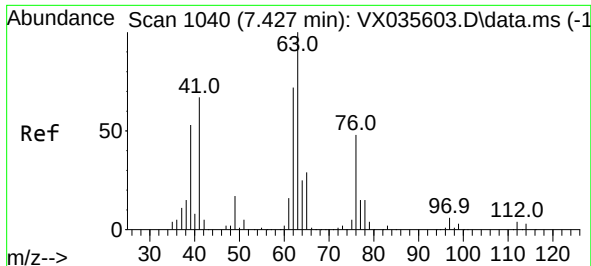
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#44
Trichloroethene
Concen: 0.625 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Tgt Ion:130 Resp: 1520
Ion Ratio Lower Upper
130 100
95 99.6 0.0 198.4





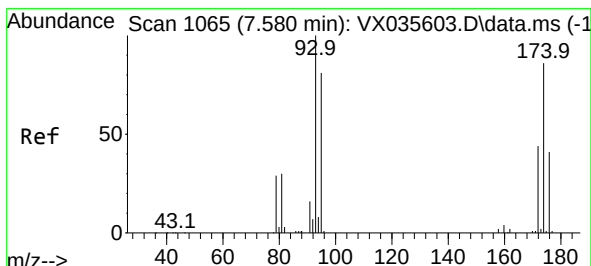
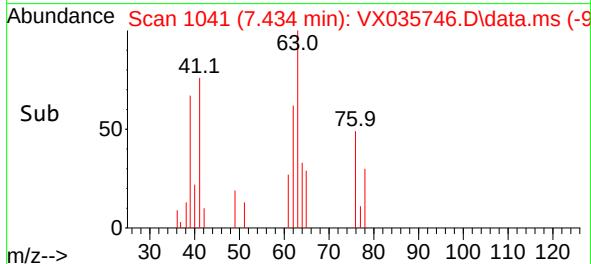
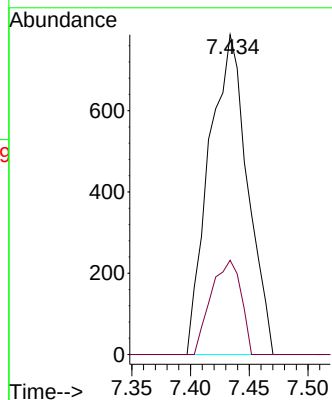
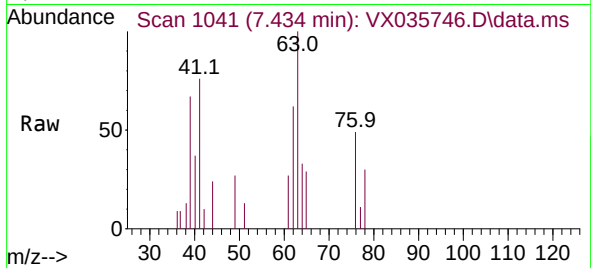
#45
1,2-Dichloropropane
Concen: 0.706 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 63 Resp: 179
Ion Ratio Lower Upper
63 100
65 29.5 24.6 37.0

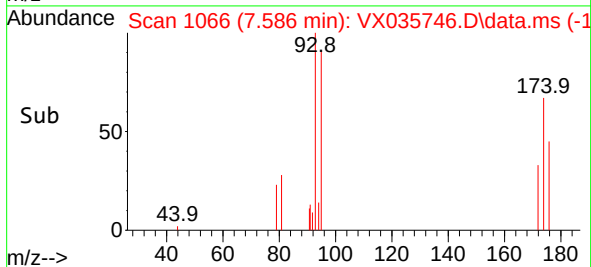
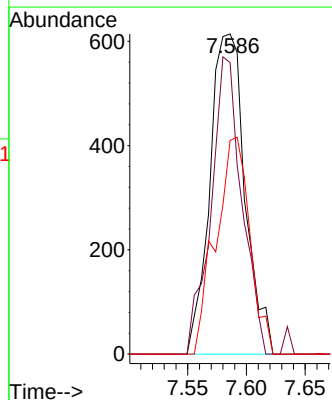
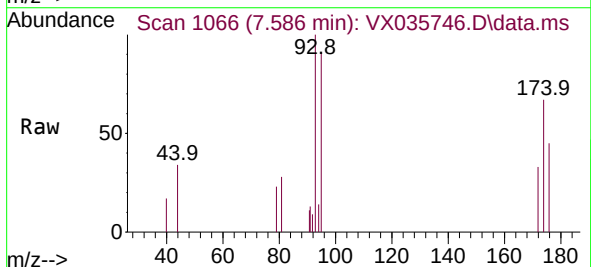
Manual Integrations
APPROVED

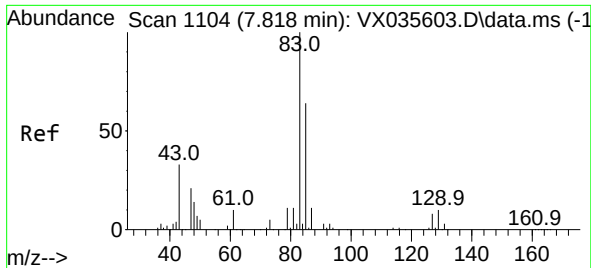
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#46
Dibromomethane
Concen: 0.736 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Tgt Ion: 93 Resp: 1280
Ion Ratio Lower Upper
93 100
95 81.3 66.9 100.3
174 65.4 75.4 113.0#





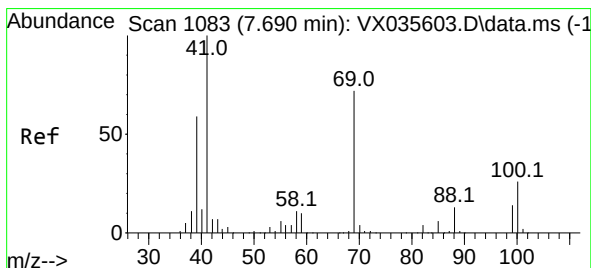
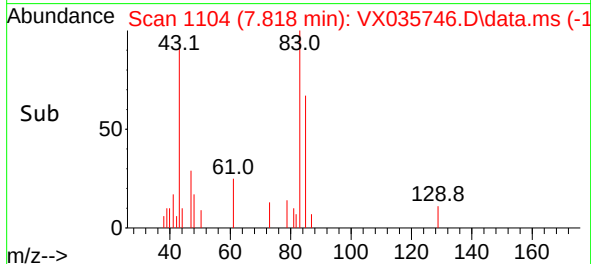
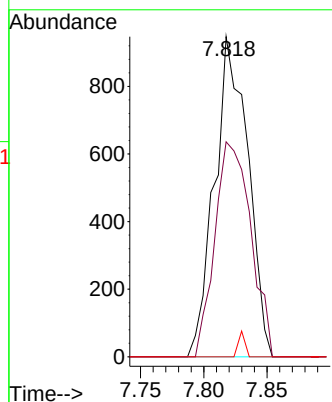
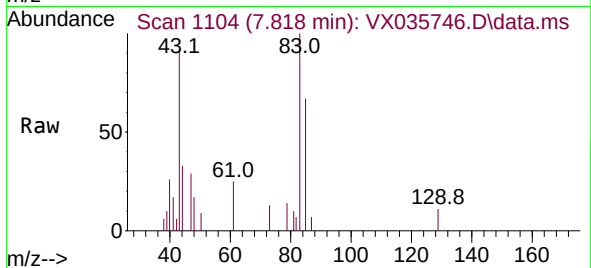
#47
Bromodichloromethane
Concen: 0.517 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023

Tgt Ion: 83 Resp: 1738
Ion Ratio Lower Upper
83 100
85 67.2 52.2 78.4
127 0.0 6.6 9.8

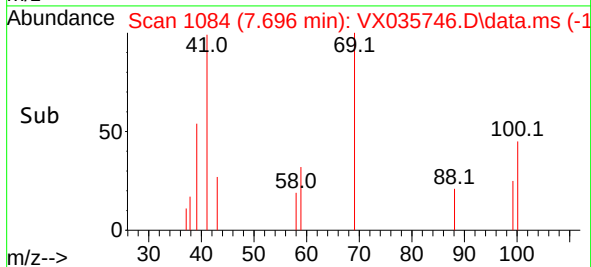
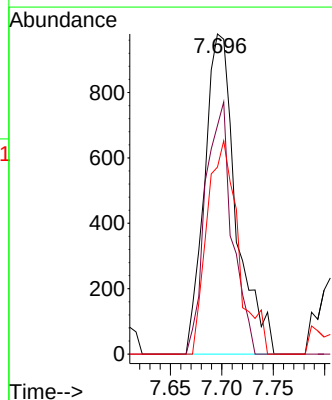
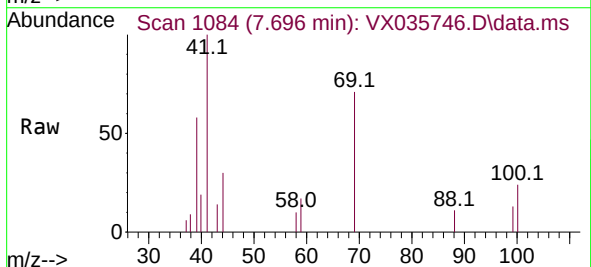
Manual Integrations
APPROVED

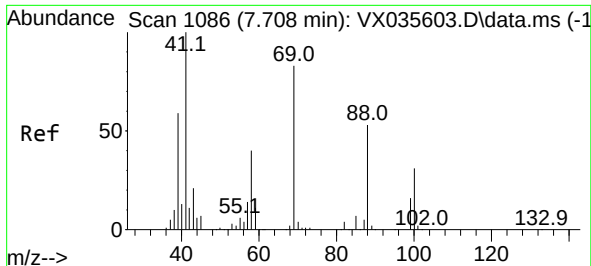
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#48
Methyl methacrylate
Concen: 0.682 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Tgt Ion: 41 Resp: 2099
Ion Ratio Lower Upper
41 100
69 66.7 62.2 93.4
39 65.6 47.7 71.5





#49

1,4-Dioxane

Concen: 14.838 ug/l m

RT: 7.714 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

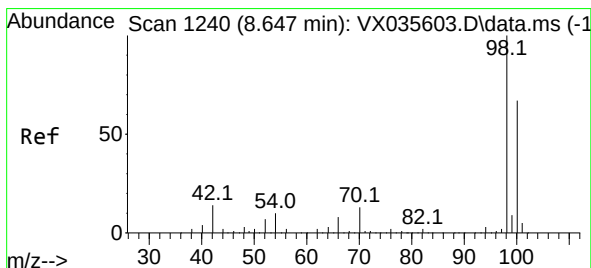
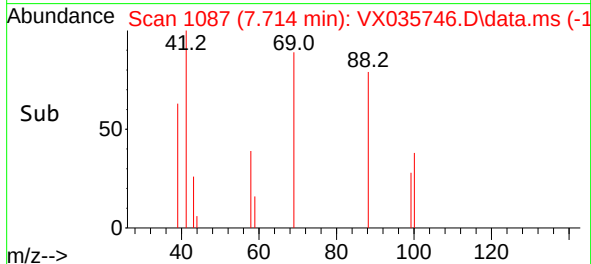
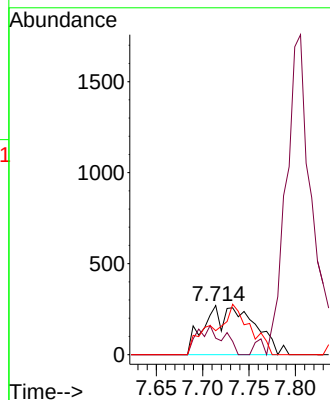
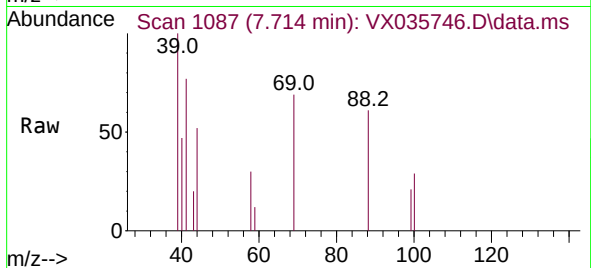
Tgt Ion: 88	Resp: 98
Ion Ratio	Lower Upper
88 100	
43 31.5	27.7 41.5
58 24.1	56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#50

Toluene-d8

Concen: 48.845 ug/l

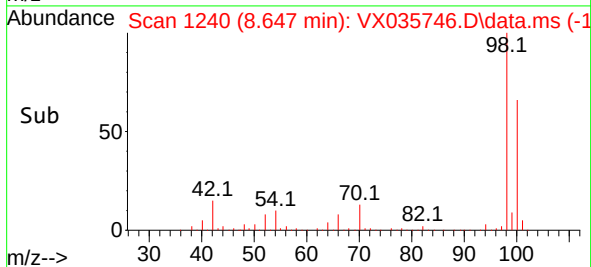
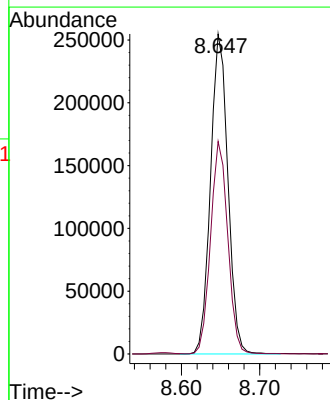
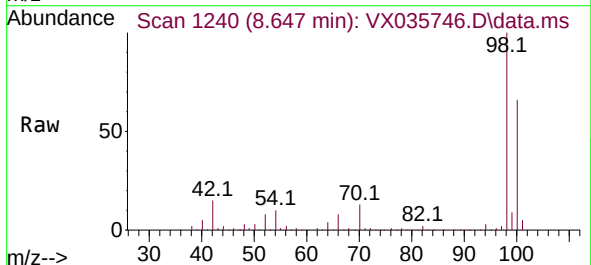
RT: 8.647 min Scan# 1240

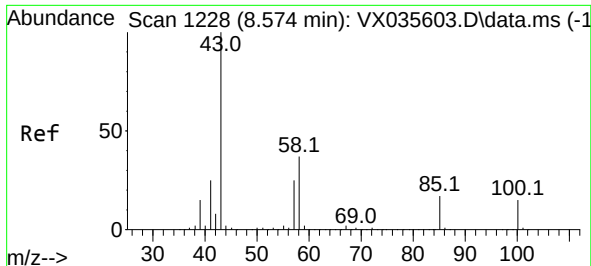
Delta R.T. -0.000 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

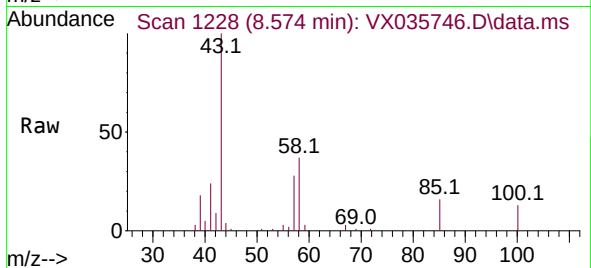
Tgt Ion: 98	Resp: 391882
Ion Ratio	Lower Upper
98 100	
100 65.7	52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 3.421 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

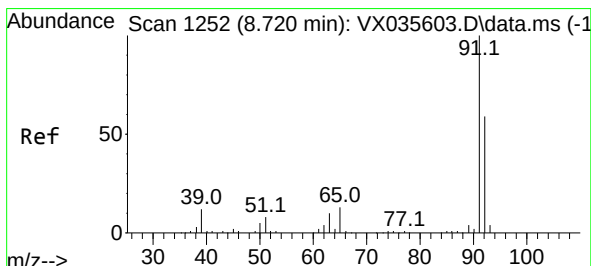
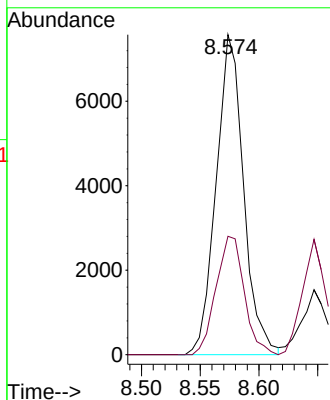
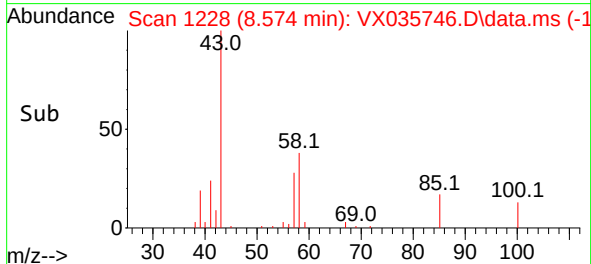
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



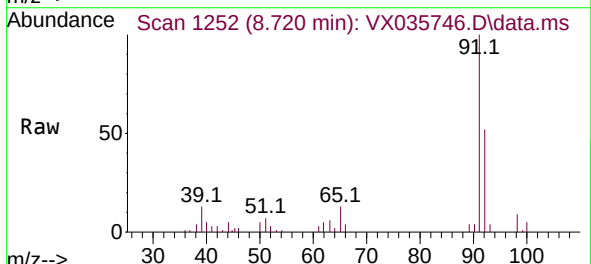
Tgt Ion: 43 Resp: 12289
Ion Ratio Lower Upper
43 100
58 38.0 30.6 46.0

Manual Integrations
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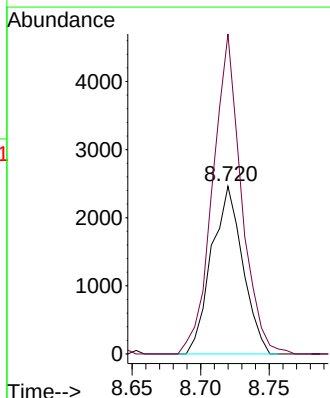
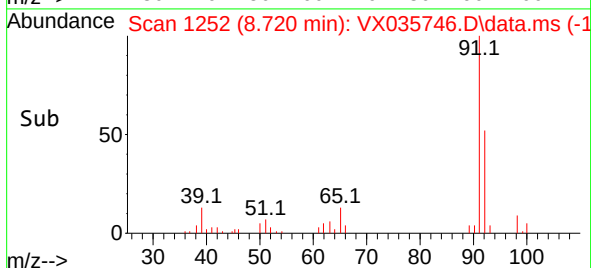
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

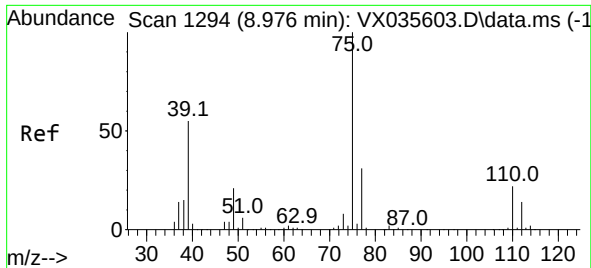


#52
Toluene
Concen: 0.644 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46



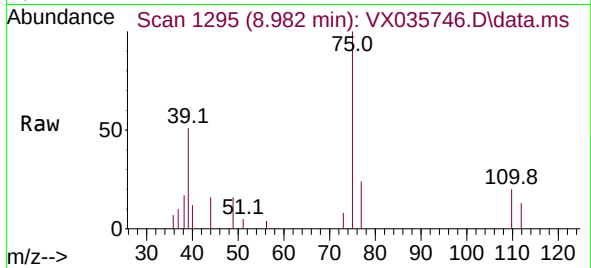
Tgt Ion: 92 Resp: 3898
Ion Ratio Lower Upper
92 100
91 175.9 136.8 205.2





#53
 t-1,3-Dichloropropene
 Concen: 0.494 ug/l
 RT: 8.982 min Scan# 1294
 Delta R.T. 0.006 min
 Lab File: VX035746.D
 Acq: 18 May 2023 16:46

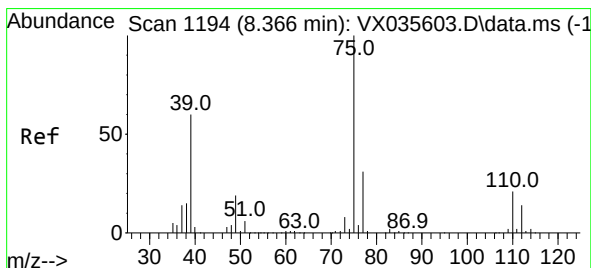
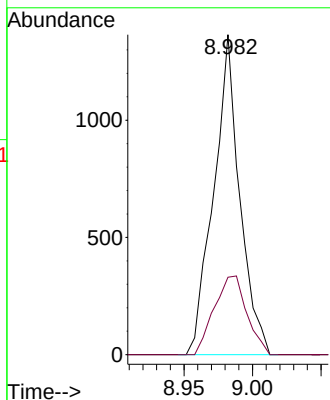
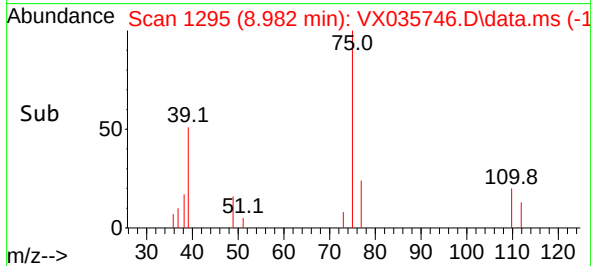
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2023



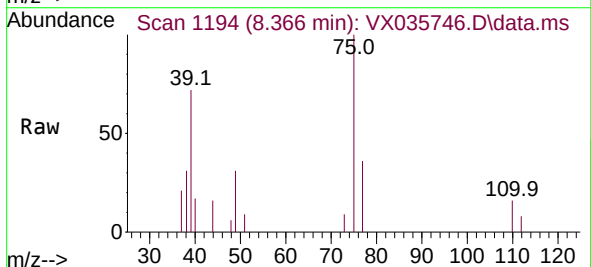
Tgt Ion: 75 Resp: 1804
 Ion Ratio Lower Upper
 75 100
 77 24.2 25.4 38.2

Manual Integrations
 APPROVED

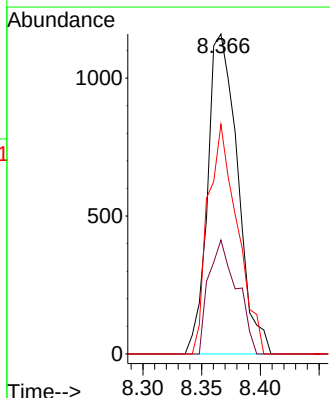
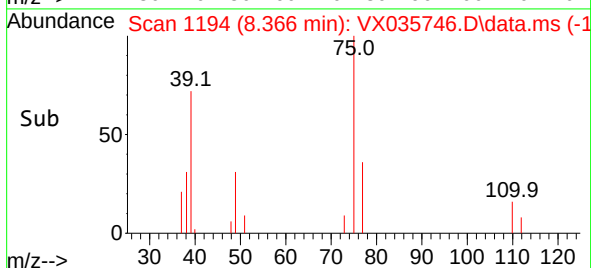
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

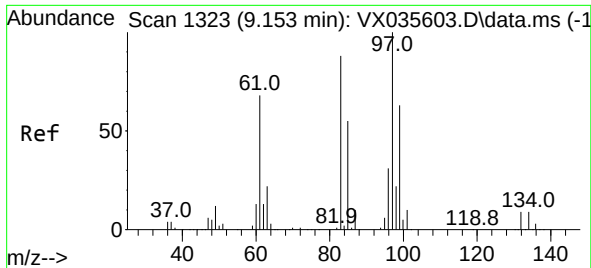


#54
 cis-1,3-Dichloropropene
 Concen: 0.526 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX035746.D
 Acq: 18 May 2023 16:46



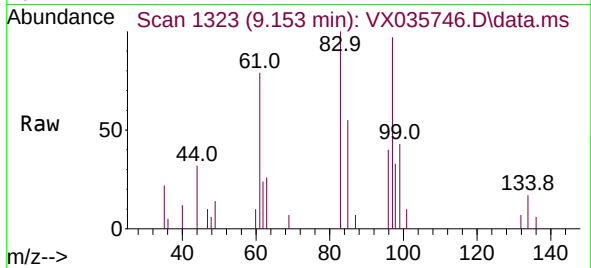
Tgt Ion: 75 Resp: 2056
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.0 37.4
 39 71.7 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 0.664 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

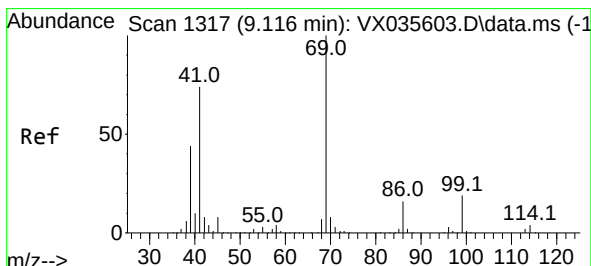
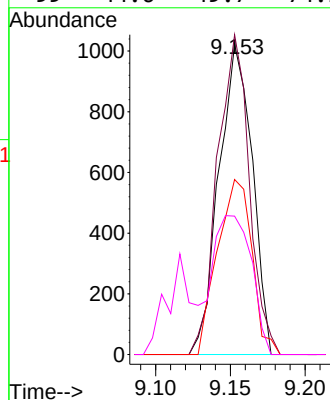
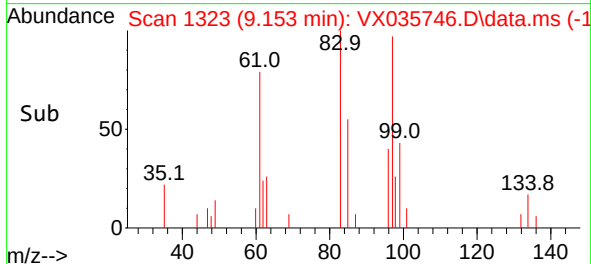
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



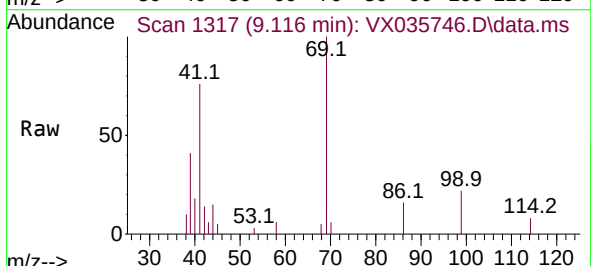
Tgt Ion: 97 Resp: 1578
Ion Ratio Lower Upper
97 100
83 103.0 69.7 104.5
85 56.4 43.7 65.5
99 44.6 49.7 74.5#

Manual Integrations
APPROVED

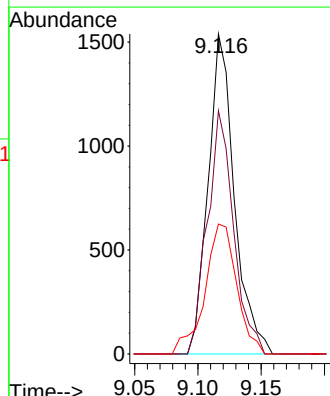
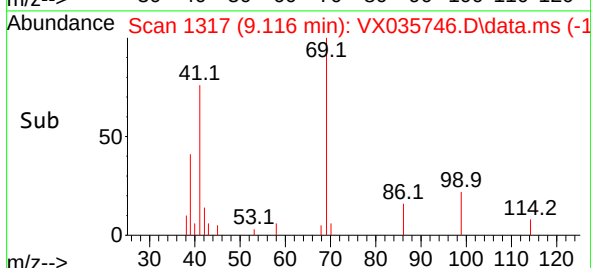
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

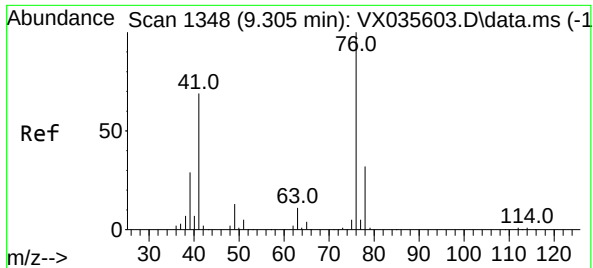


#56
Ethyl methacrylate
Concen: 0.576 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46



Tgt Ion: 69 Resp: 2217
Ion Ratio Lower Upper
69 100
41 76.2 57.4 86.0
39 49.3 33.7 50.5





#57

1,3-Dichloropropane

Concen: 0.718 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

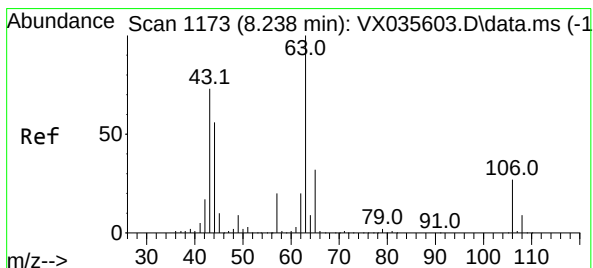
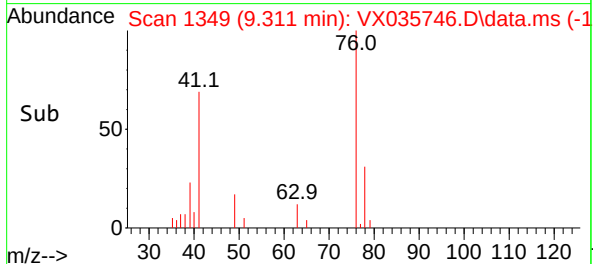
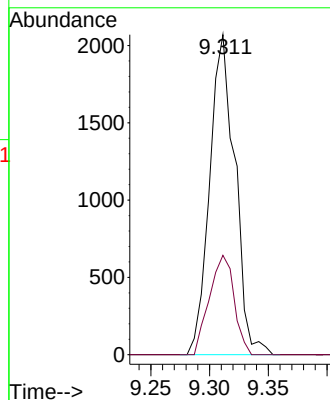
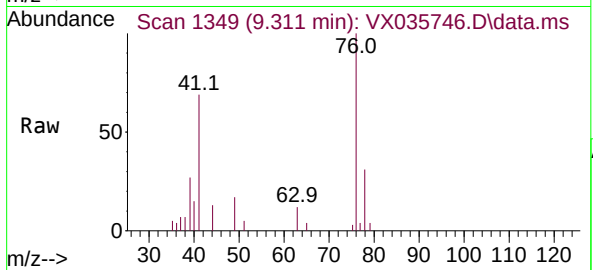
Tgt Ion: 76 Resp: 3090
 Ion Ratio Lower Upper
 76 100
 78 30.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#58

2-Chloroethyl Vinyl ether

Concen: 3.337 ug/l

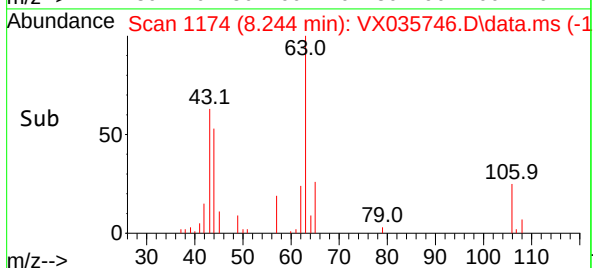
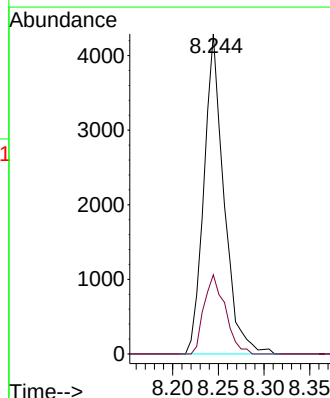
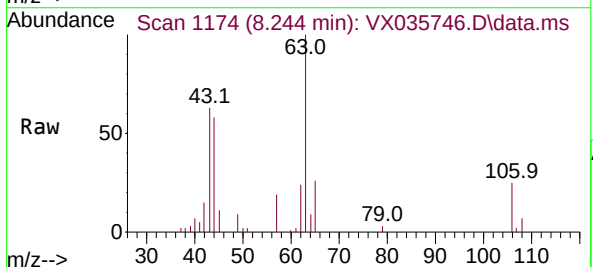
RT: 8.244 min Scan# 1174

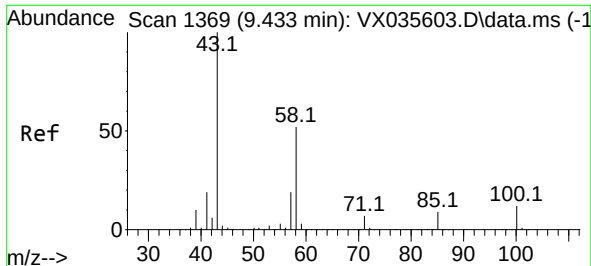
Delta R.T. 0.006 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Tgt Ion: 63 Resp: 6537
 Ion Ratio Lower Upper
 63 100
 106 26.2 22.2 33.2





#59

2-Hexanone

Concen: 3.317 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 43 Resp: 8974

Ion Ratio Lower Upper

43 100

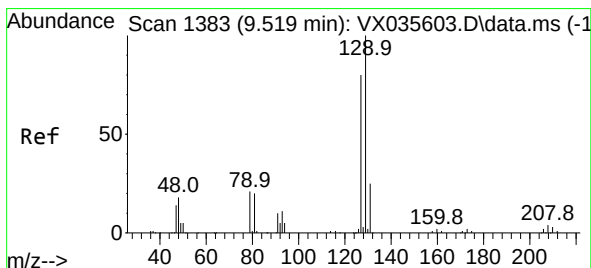
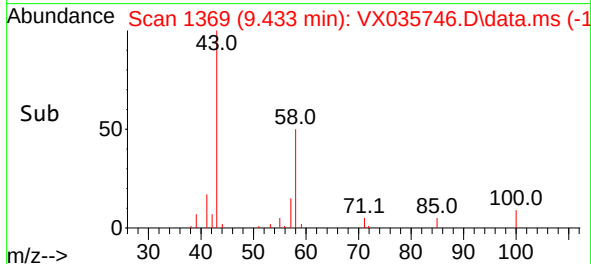
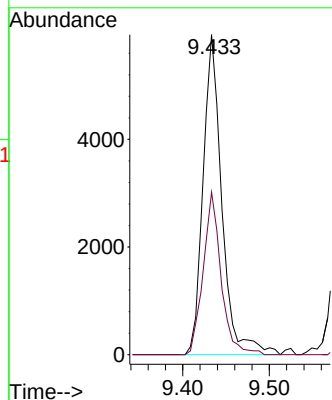
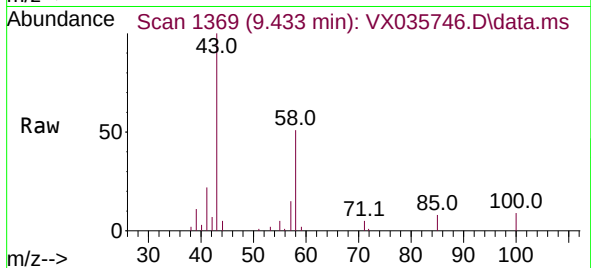
58 48.4 26.3 78.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#60

Dibromochloromethane

Concen: 0.517 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX035746.D

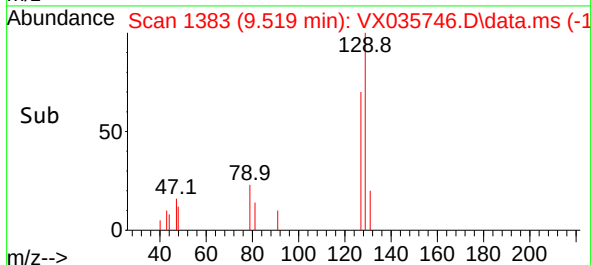
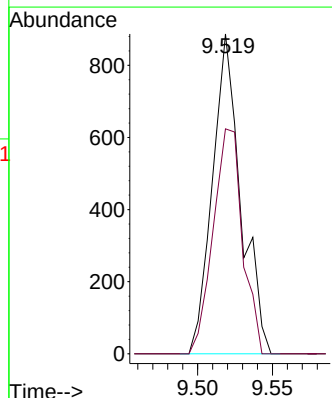
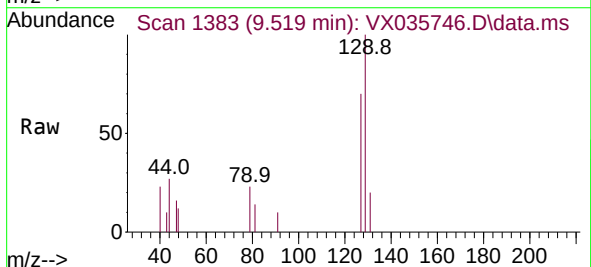
Acq: 18 May 2023 16:46

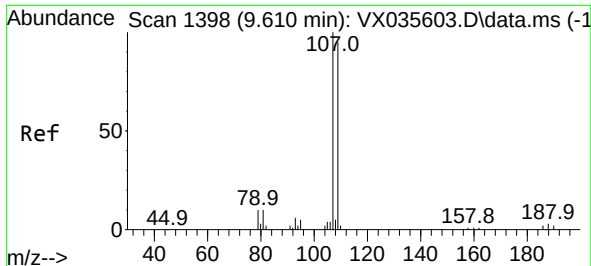
Tgt Ion:129 Resp: 1172

Ion Ratio Lower Upper

129 100

127 72.7 39.0 117.0





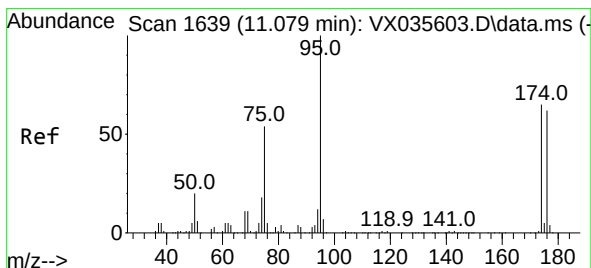
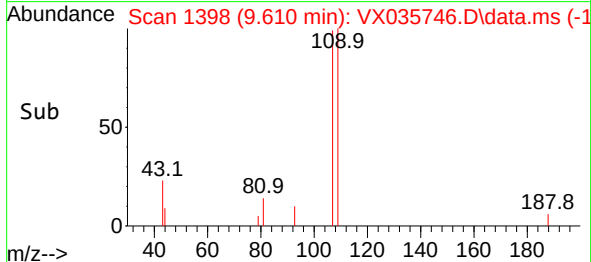
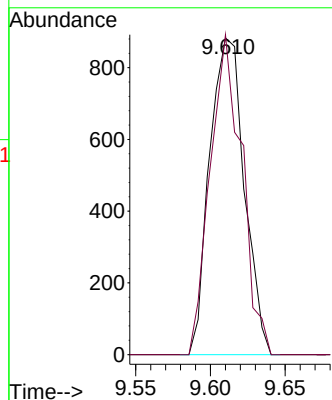
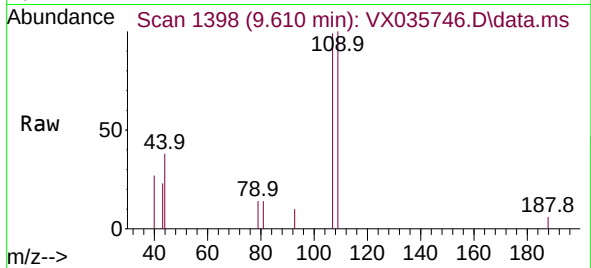
#61
1,2-Dibromoethane
Concen: 0.569 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:107 Resp: 1425
Ion Ratio Lower Upper
107 100
109 92.4 75.3 112.9

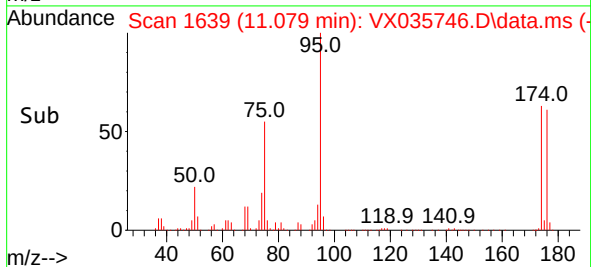
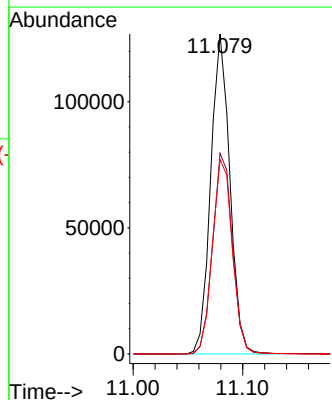
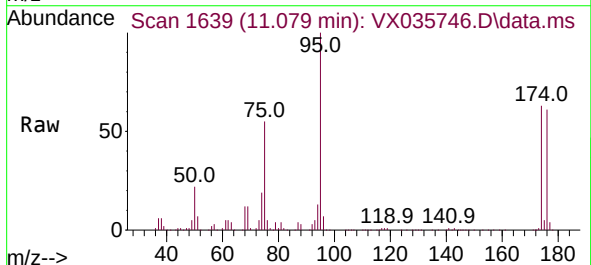
Manual Integrations
APPROVED

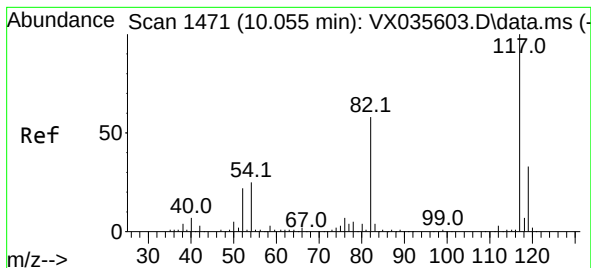
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#62
4-Bromofluorobenzene
Concen: 47.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

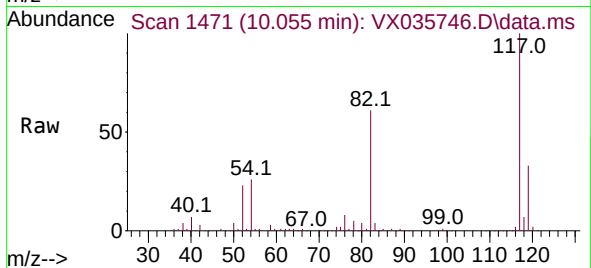
Tgt Ion: 95 Resp: 153866
Ion Ratio Lower Upper
95 100
174 64.9 0.0 147.4
176 63.6 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

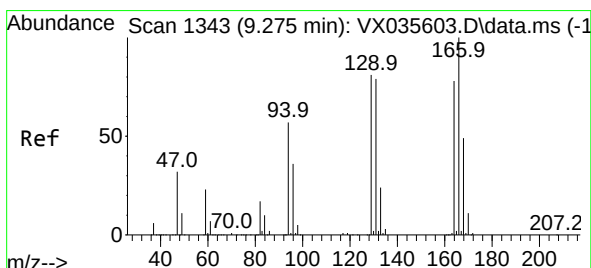
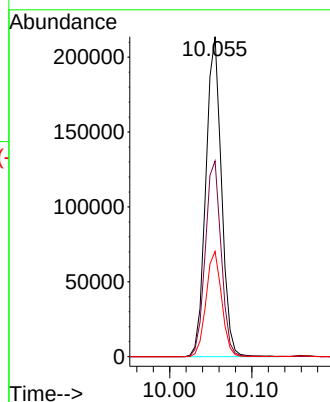
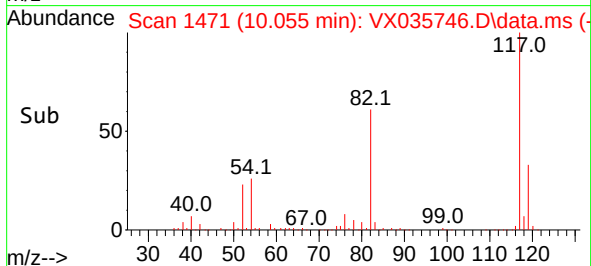
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



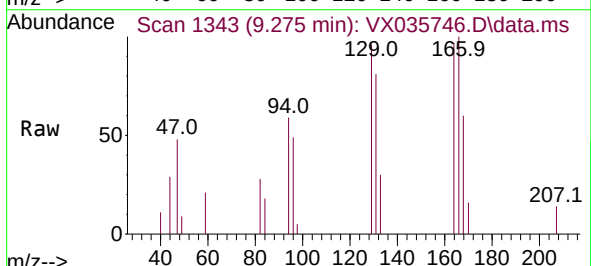
Tgt Ion:117 Resp: 28233
Ion Ratio Lower Upper
117 100
82 61.1 45.0 67.4
119 32.9 26.0 39.0

Manual Integrations
APPROVED

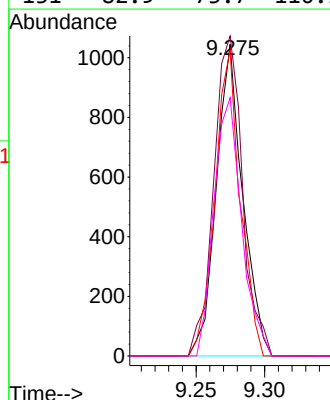
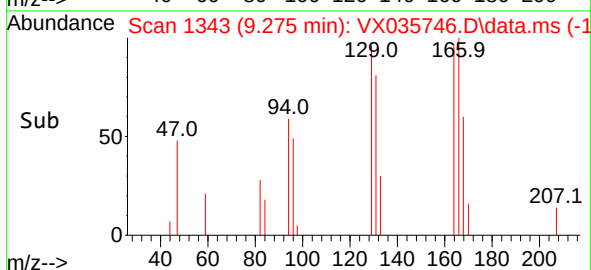
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

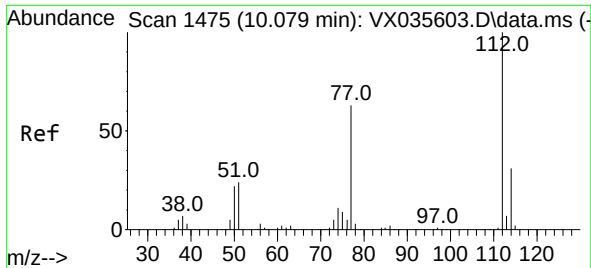


#64
Tetrachloroethene
Concen: 0.738 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46



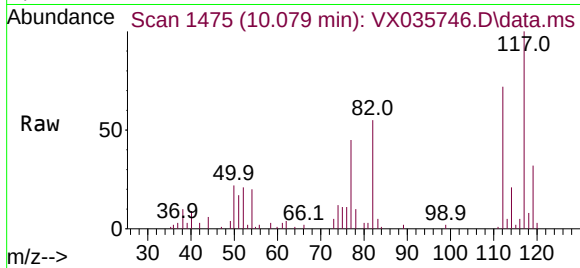
Tgt Ion:164 Resp: 1402
Ion Ratio Lower Upper
164 100
166 102.7 102.7 154.1#
129 98.2 75.6 113.4
131 82.9 73.7 110.5





#65
Chlorobenzene
Concen: 0.703 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

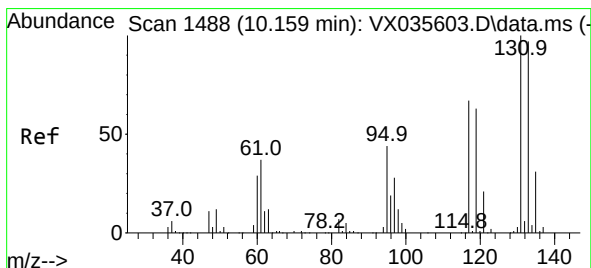
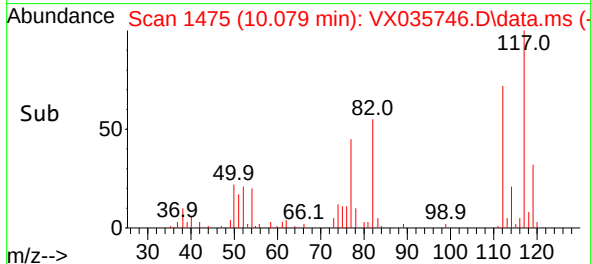
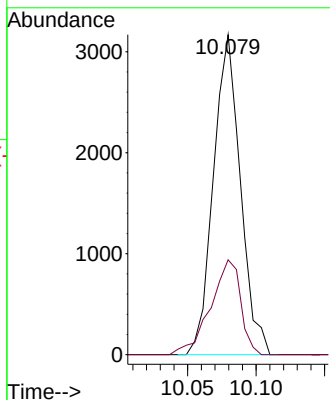
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:112 Resp: 433
Ion Ratio Lower Upper
112 100
114 29.7 26.2 39.2

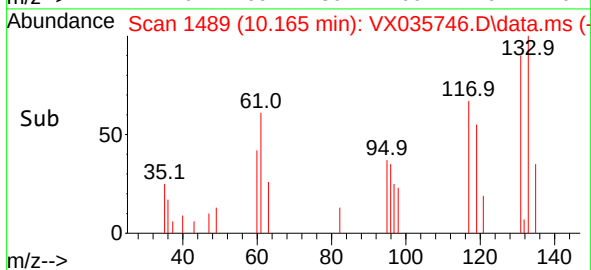
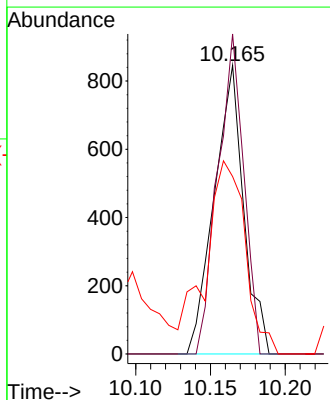
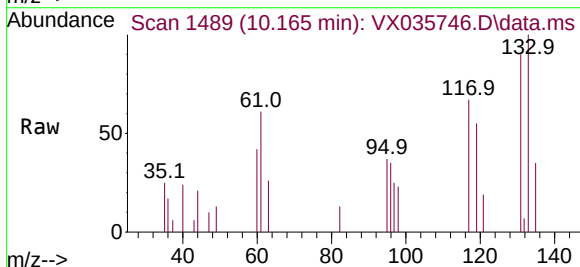
Manual Integrations
APPROVED

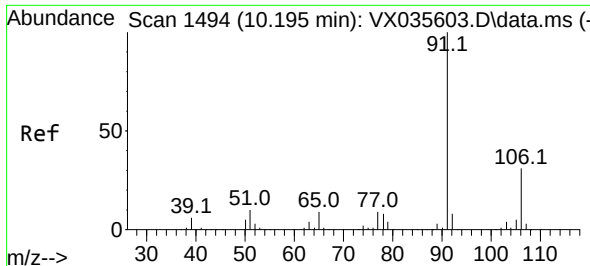
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 0.531 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Tgt Ion:131 Resp: 1157
Ion Ratio Lower Upper
131 100
133 97.7 47.1 141.4
119 0.0 32.6 98.0#





#67

Ethyl Benzene

Concen: 0.623 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 91 Resp: 722

Ion Ratio Lower Upper

91 100

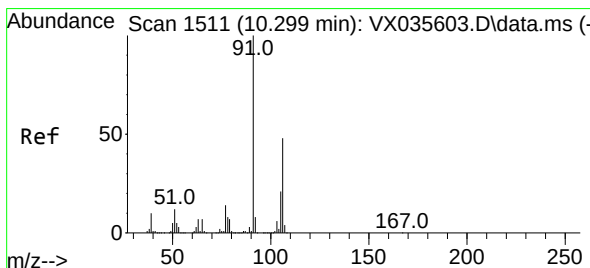
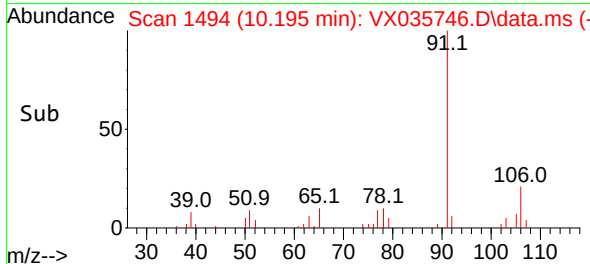
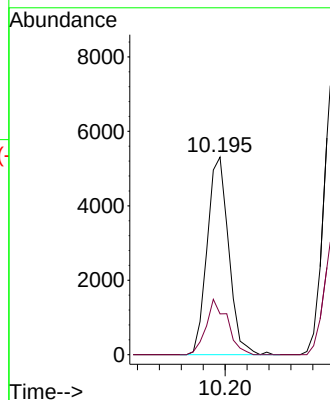
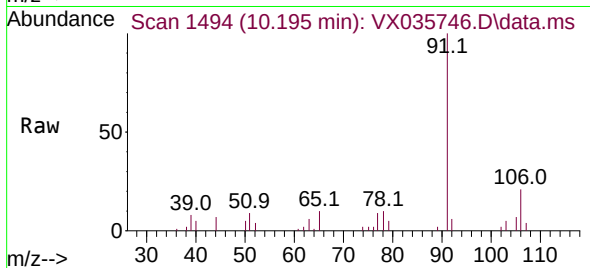
106 20.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#68

m/p-Xylenes

Concen: 1.245 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035746.D

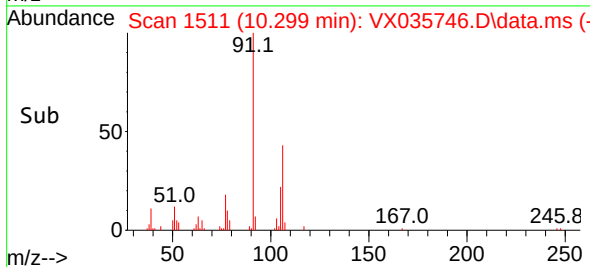
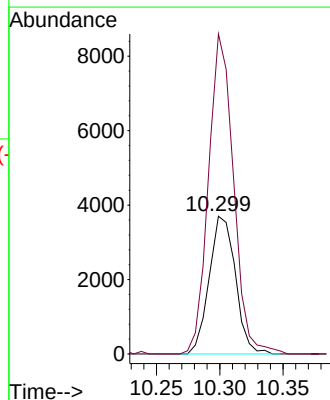
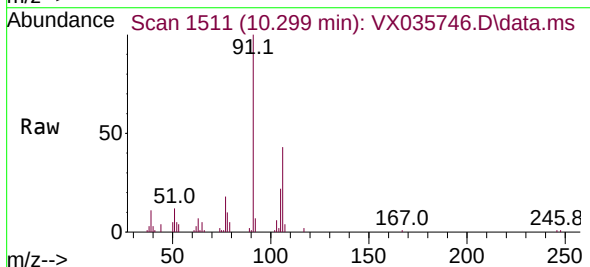
Acq: 18 May 2023 16:46

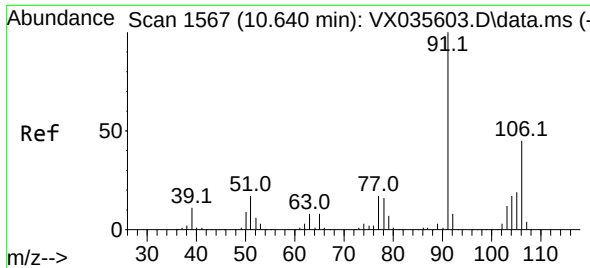
Tgt Ion:106 Resp: 5334

Ion Ratio Lower Upper

106 100

91 222.4 164.0 246.0





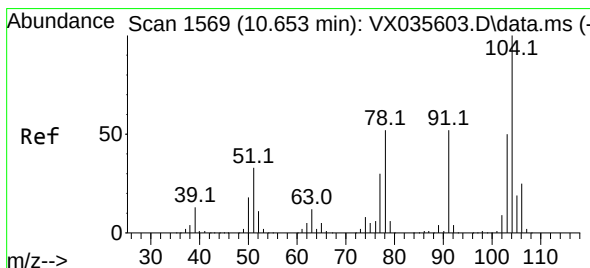
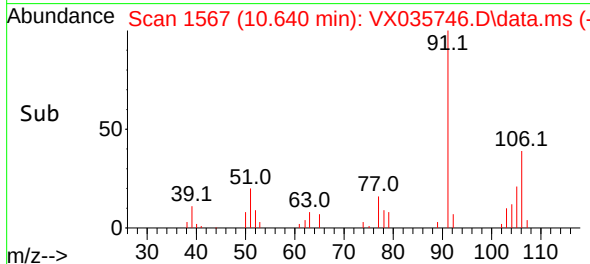
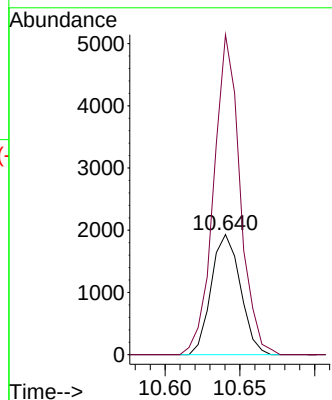
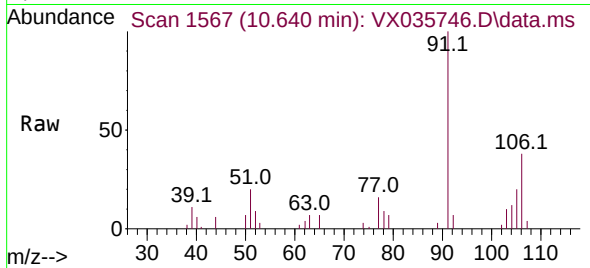
#69
o-Xylene
Concen: 0.617 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:106 Resp: 2624
Ion Ratio Lower Upper
106 100
91 240.1 108.5 325.3

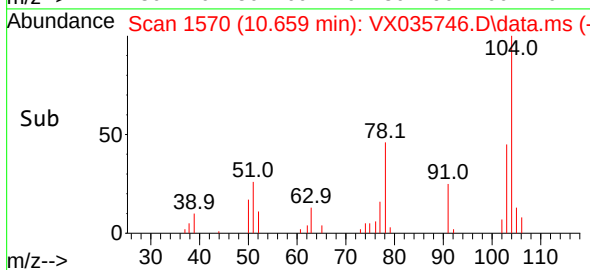
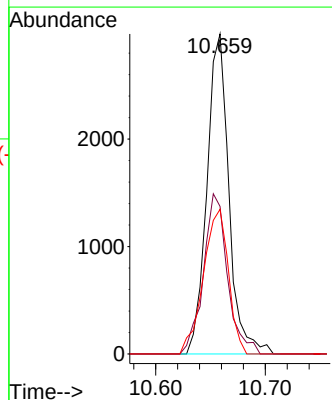
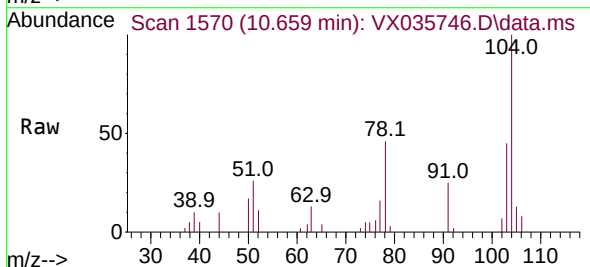
Manual Integrations
APPROVED

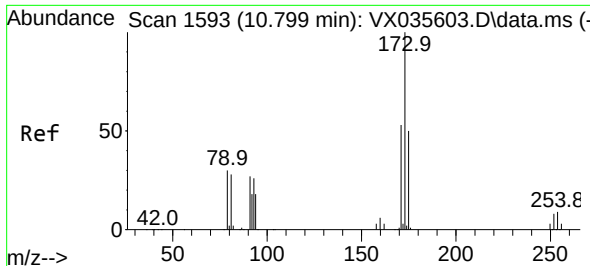
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#70
Styrene
Concen: 0.606 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

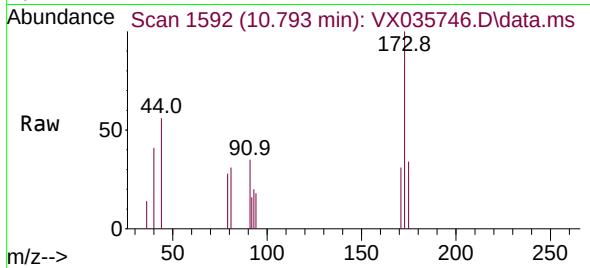
Tgt Ion:104 Resp: 4153
Ion Ratio Lower Upper
104 100
78 54.7 43.4 65.2
103 51.4 44.2 66.2





#71
Bromoform
Concen: 0.447 ug/l
RT: 10.793 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

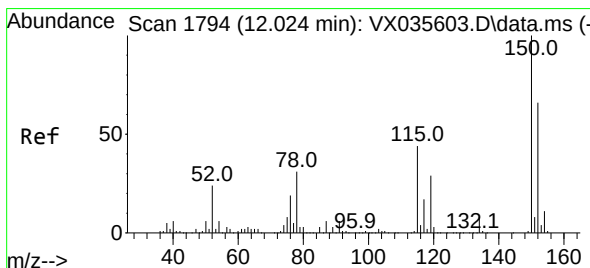
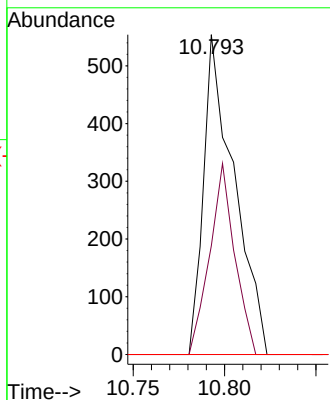
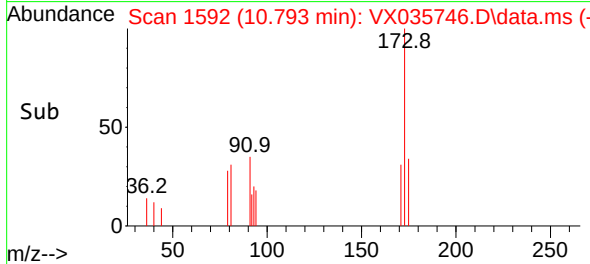
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:173 Resp: 64.1
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.4
254 0.0 0.1 0.1

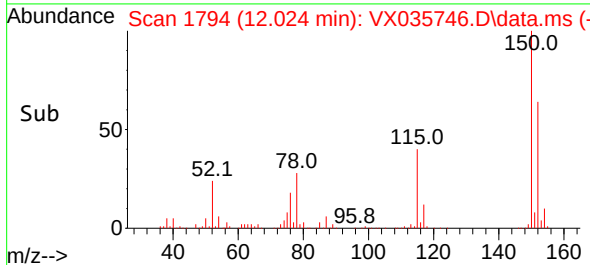
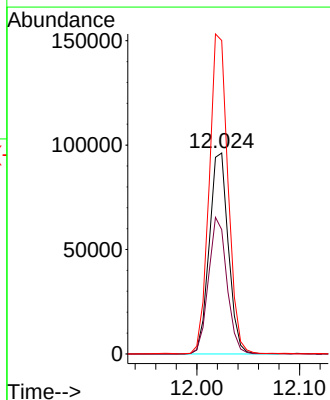
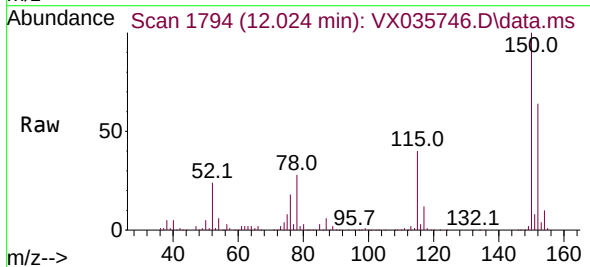
Manual Integrations
APPROVED

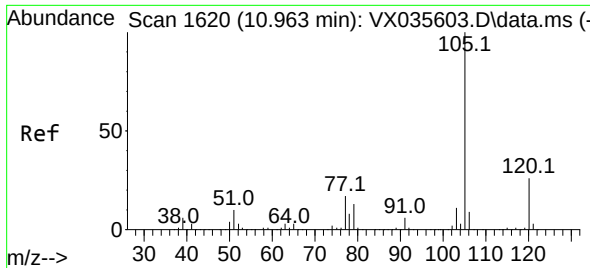
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

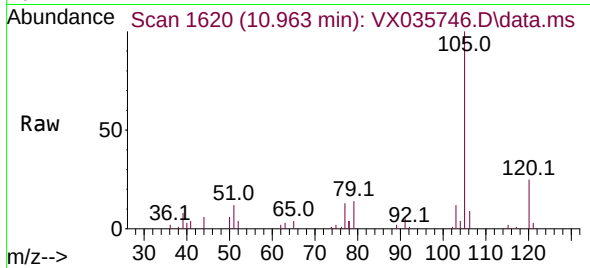
Tgt Ion:152 Resp: 124217
Ion Ratio Lower Upper
152 100
115 65.8 45.0 135.0
150 157.0 0.0 352.4





#73
Isopropylbenzene
Concen: 0.619 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

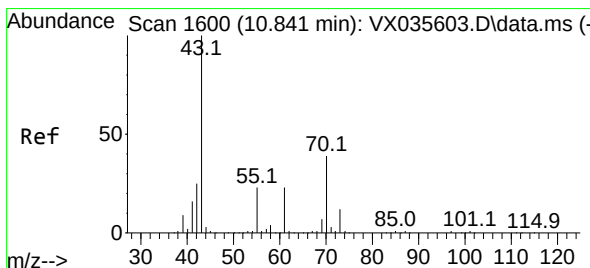
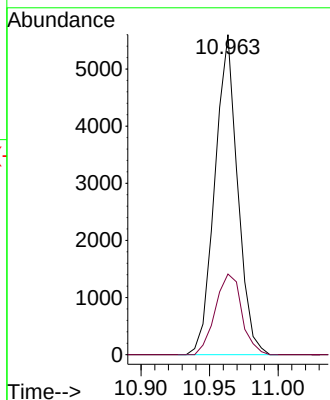
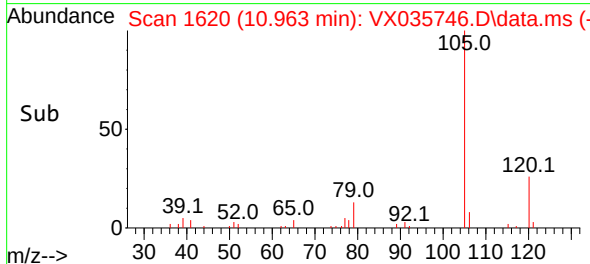
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



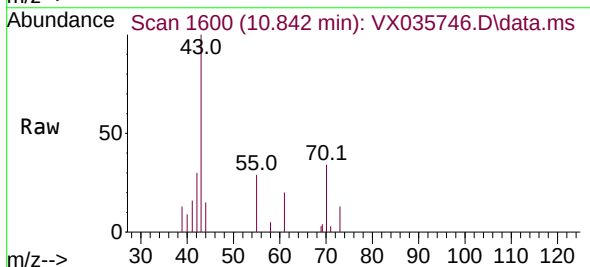
Tgt Ion:105 Resp: 6474
Ion Ratio Lower Upper
105 100
120 29.1 13.3 39.9

Manual Integrations
APPROVED

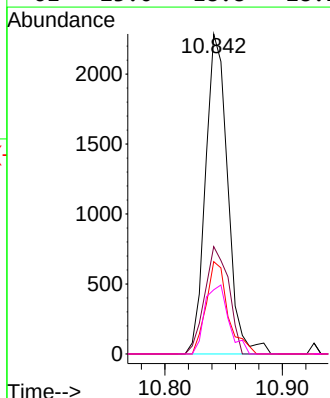
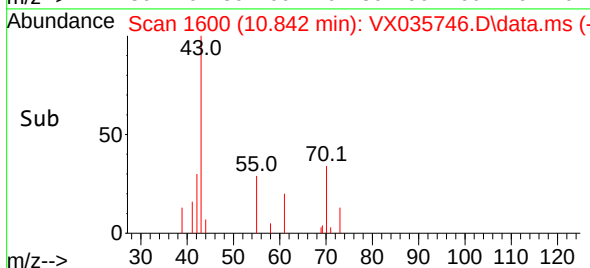
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

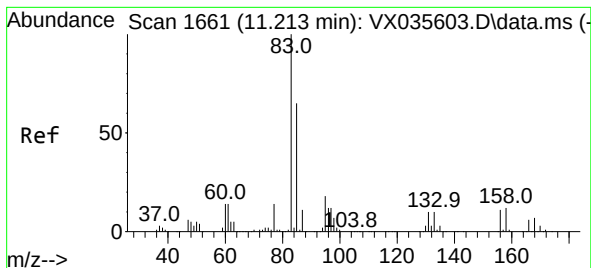


#74
N-ethyl acetate
Concen: 0.615 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46



Tgt Ion: 43 Resp: 3001
Ion Ratio Lower Upper
43 100
70 36.1 32.1 48.1
55 28.4 18.3 27.5#
61 23.0 18.8 28.2





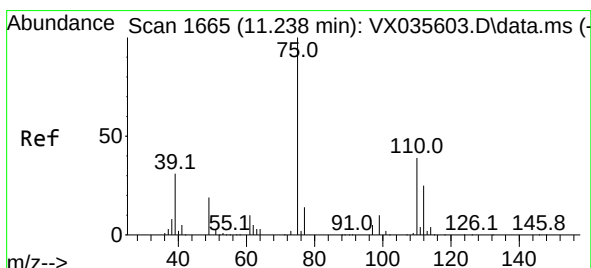
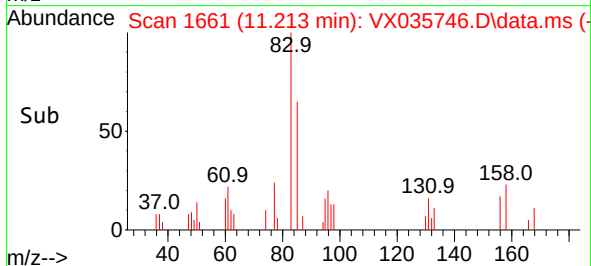
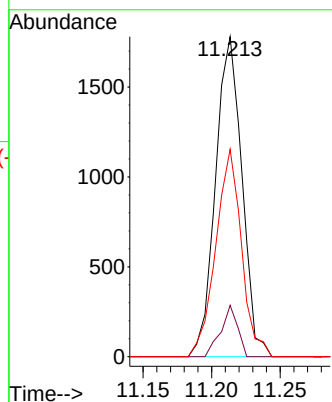
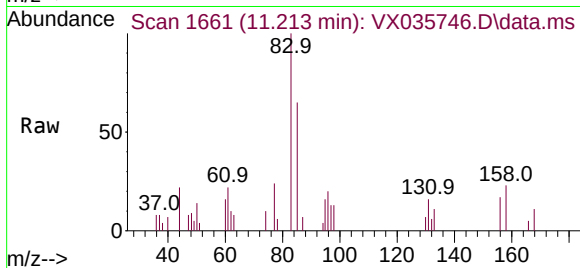
#75
1,1,2,2-Tetrachloroethane
Concen: 0.702 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023

Tgt Ion: 83 Resp: 238
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 63.4 32.0 96.0

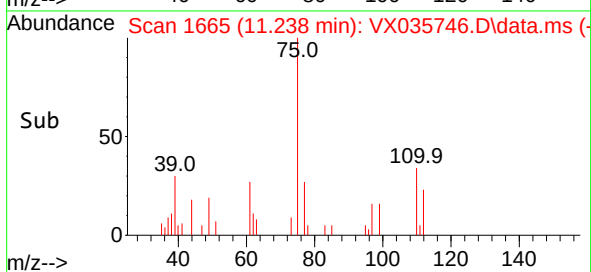
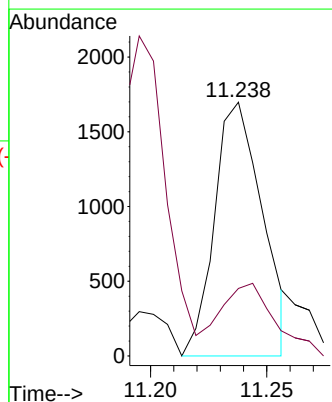
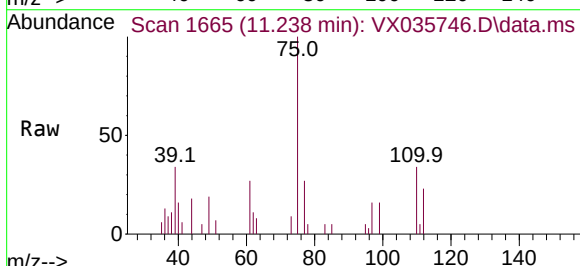
Manual Integrations
APPROVED

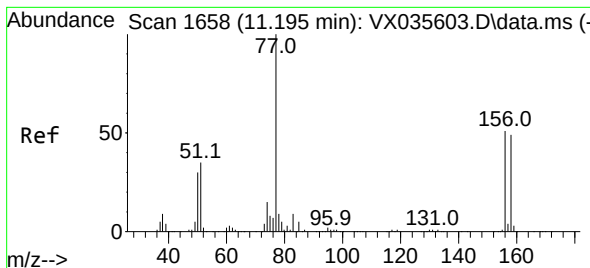
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#76
1,2,3-Trichloropropane
Concen: 0.800 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Tgt Ion: 75 Resp: 2431
Ion Ratio Lower Upper
75 100
77 33.0 21.6 64.8





#77

Bromobenzene

Concen: 0.685 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

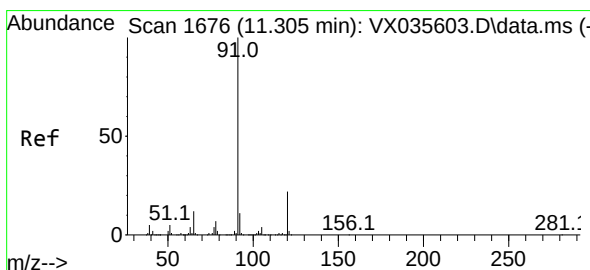
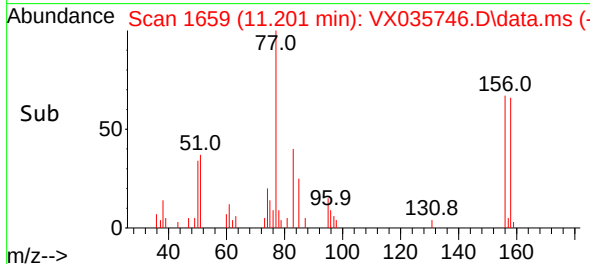
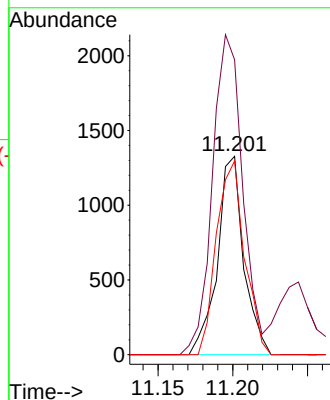
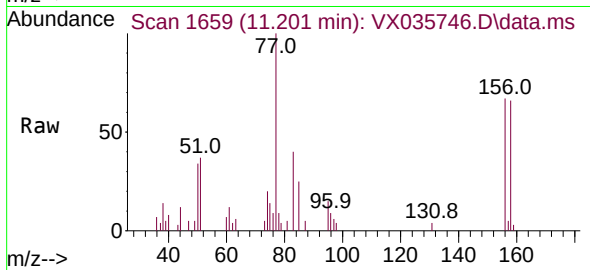
Tgt Ion:	156	Resp:	162
Ion Ratio	Lower	Upper	
156	100		
77	184.5	86.7	259.9
158	104.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#78

n-propylbenzene

Concen: 0.611 ug/l

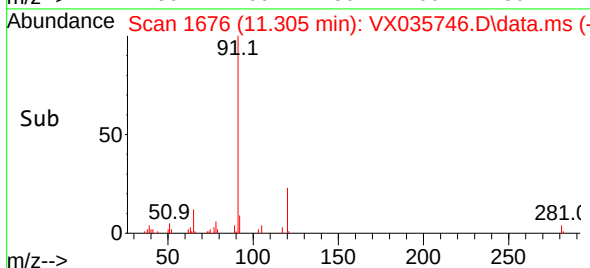
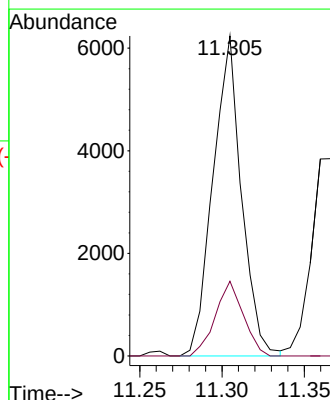
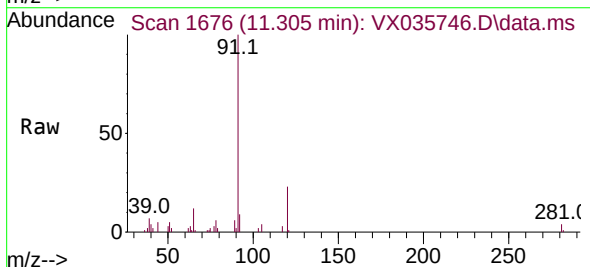
RT: 11.305 min Scan# 1676

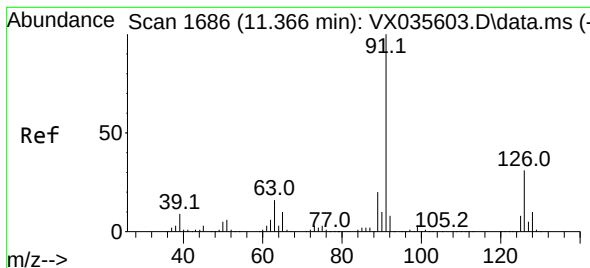
Delta R.T. -0.000 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

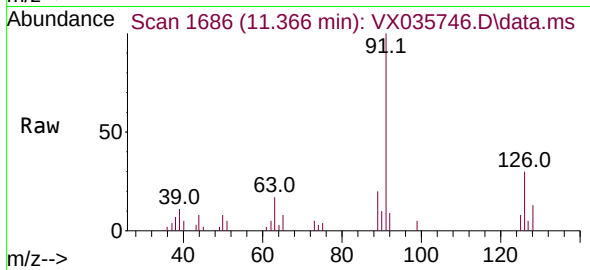
Tgt Ion:	91	Resp:	7517
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79
2-Chlorotoluene
Concen: 0.684 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

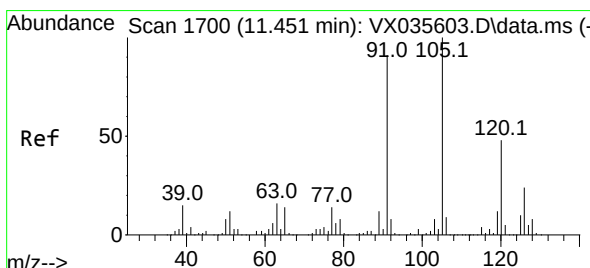
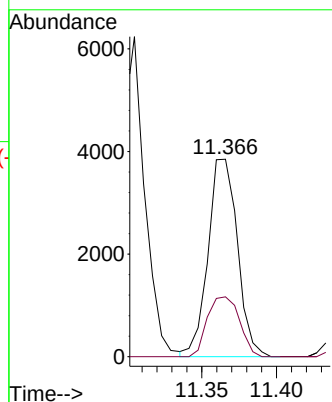
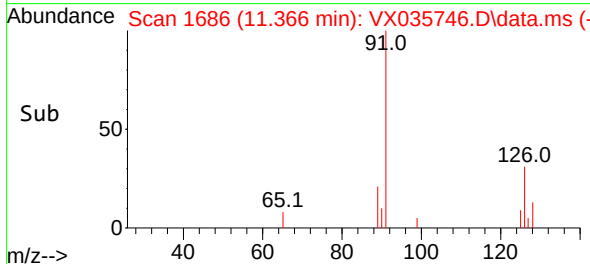
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023



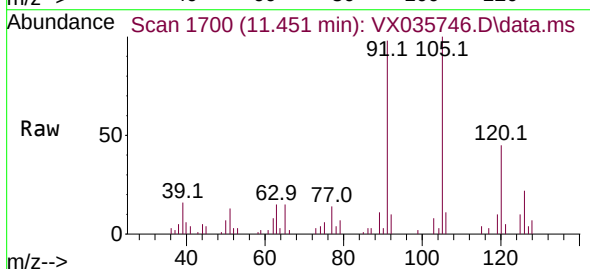
Tgt Ion: 91 Resp: 5268
Ion Ratio Lower Upper
91 100
126 33.1 16.3 48.9

Manual Integrations
APPROVED

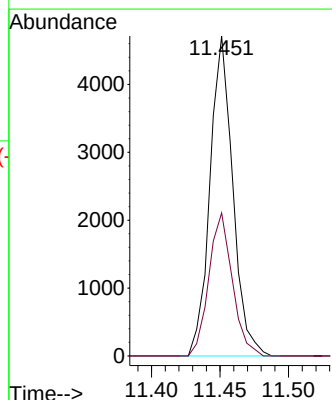
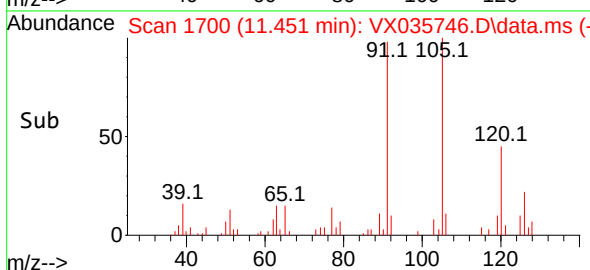
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

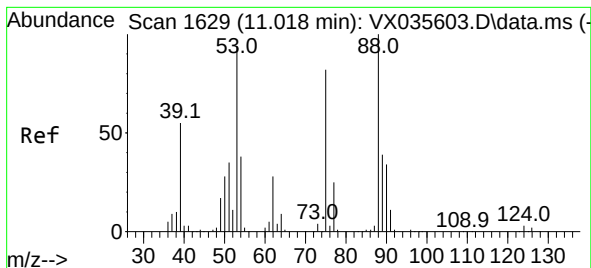


#80
1,3,5-Trimethylbenzene
Concen: 0.613 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46



Tgt Ion:105 Resp: 5450
Ion Ratio Lower Upper
105 100
120 46.1 23.7 71.1





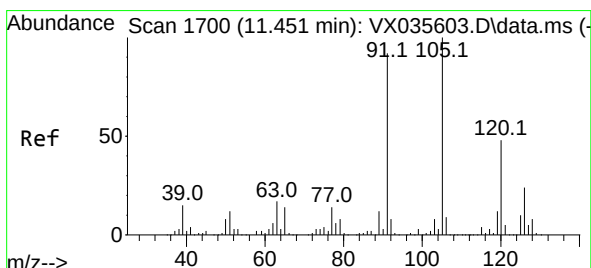
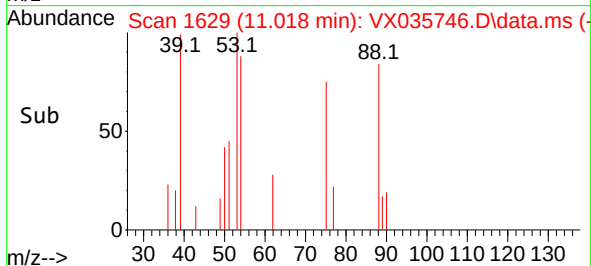
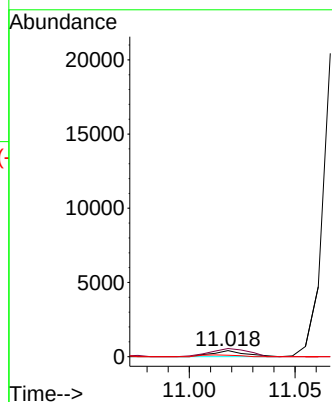
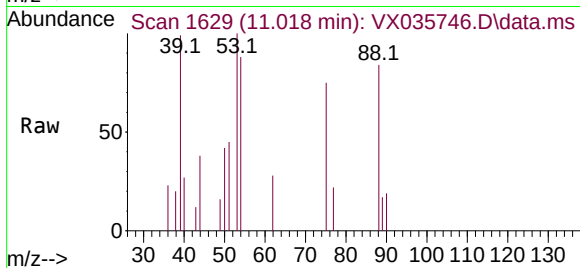
#81
trans-1,4-Dichloro-2-butene
Concen: 0.465 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023

Tgt Ion: 75 Resp: 438
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0
89 0.0 36.9 55.3

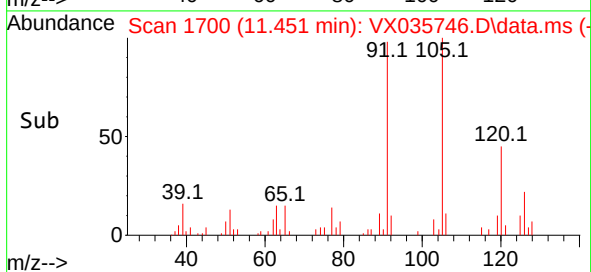
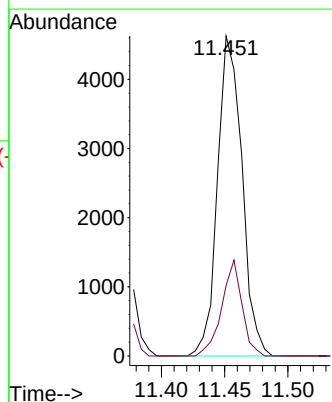
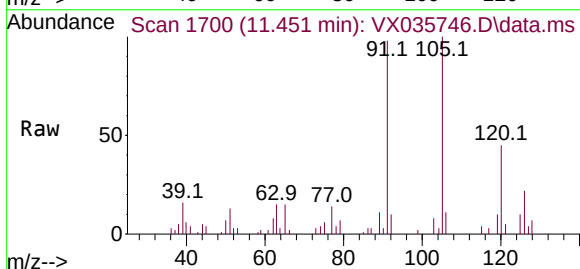
Manual Integrations
APPROVED

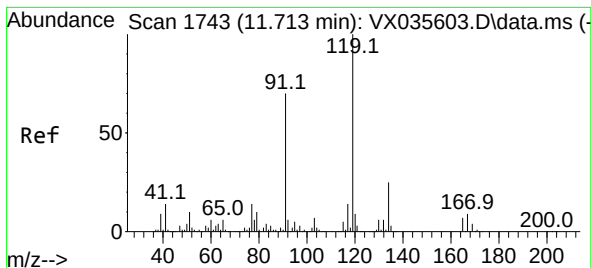
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#82
4-Chlorotoluene
Concen: 0.700 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Tgt Ion: 91 Resp: 6214
Ion Ratio Lower Upper
91 100
126 24.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.578 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

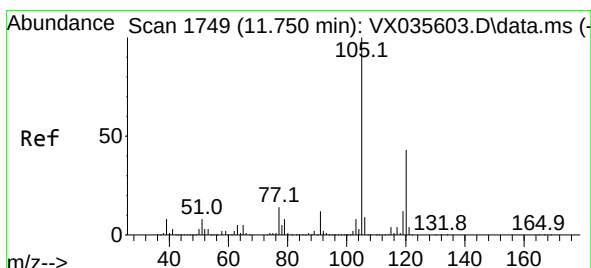
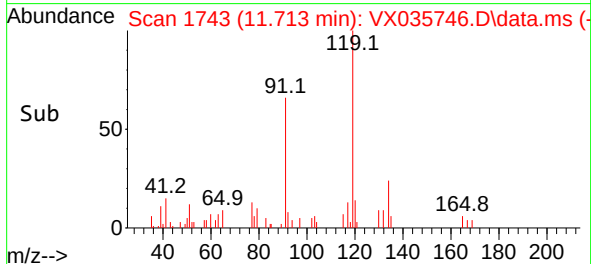
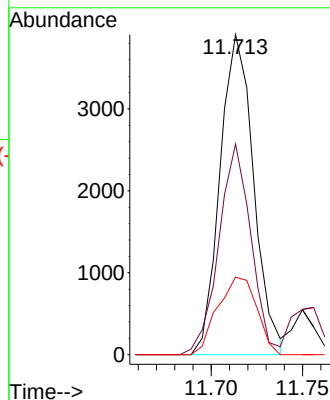
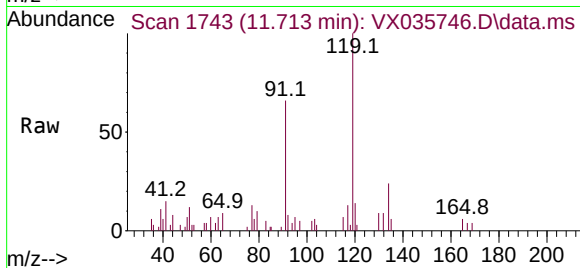
Tgt Ion:	119	Resp:	5000
Ion Ratio	Lower	Upper	
119	100		
91	63.2	30.6	92.0
134	28.2	11.8	35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#84

1,2,4-Trimethylbenzene

Concen: 0.618 ug/l

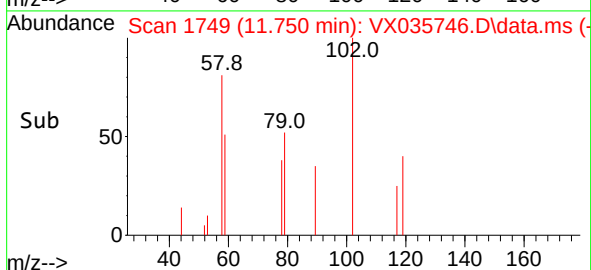
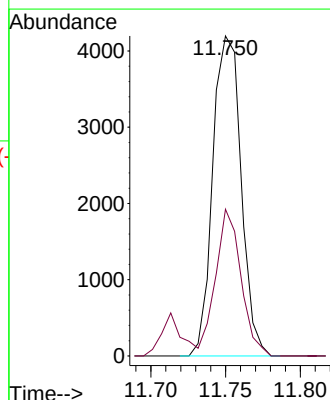
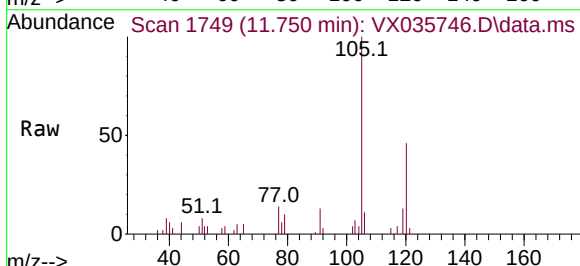
RT: 11.750 min Scan# 1749

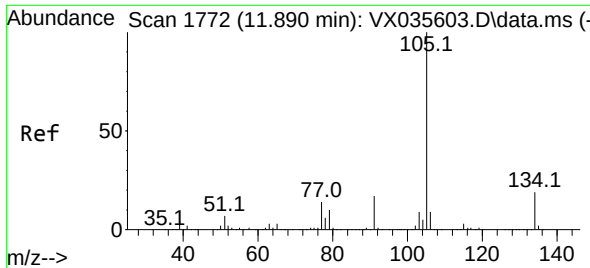
Delta R.T. -0.000 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

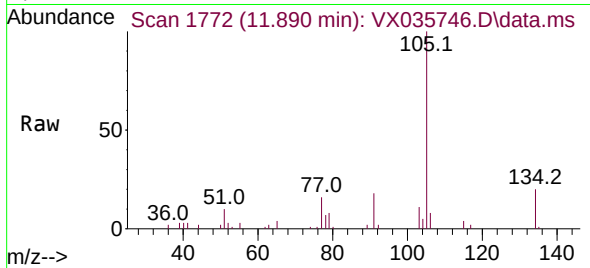
Tgt Ion:	105	Resp:	5524
Ion Ratio	Lower	Upper	
105	100		
120	41.2	22.4	67.0





#85
 sec-Butylbenzene
 Concen: 0.567 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035746.D
 Acq: 18 May 2023 16:46

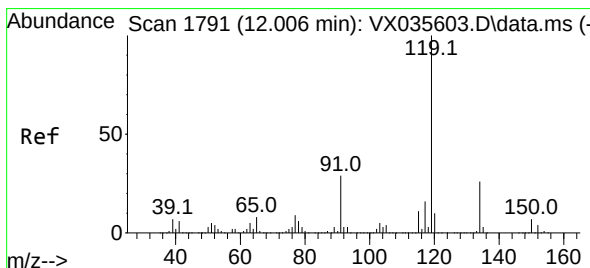
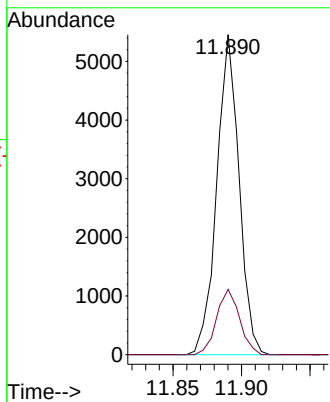
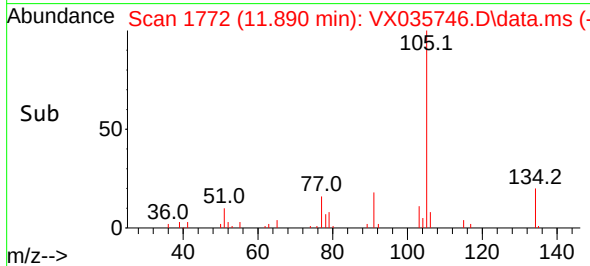
Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2023



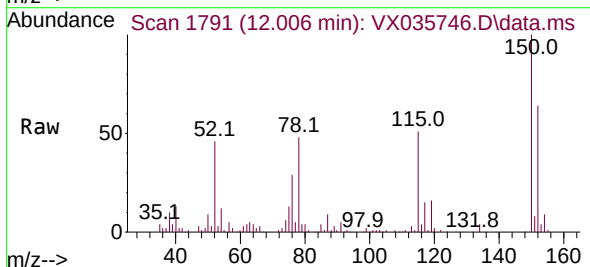
Tgt Ion:105 Resp: 615
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4

Manual Integrations
 APPROVED

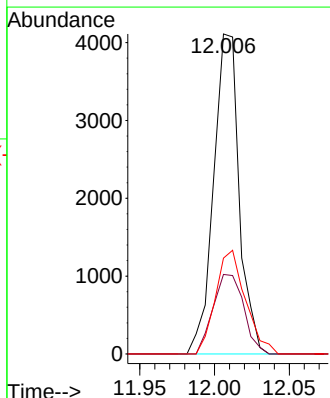
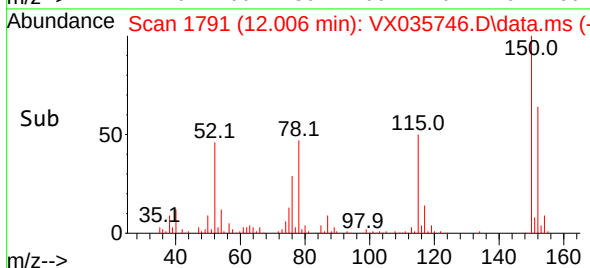
Reviewed By :John Carlone 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

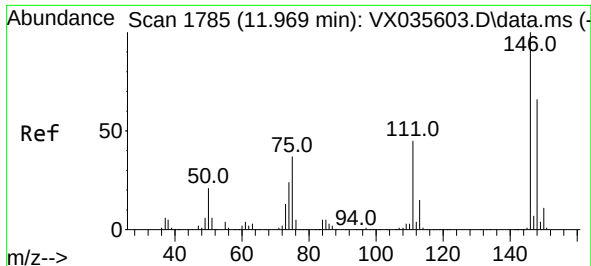


#86
 p-Isopropyltoluene
 Concen: 0.548 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035746.D
 Acq: 18 May 2023 16:46



Tgt Ion:119 Resp: 4895
 Ion Ratio Lower Upper
 119 100
 134 29.8 13.2 39.5
 91 38.1 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 0.632 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

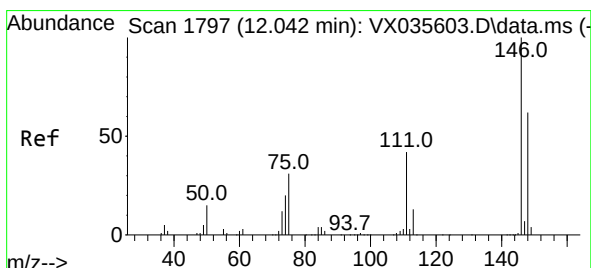
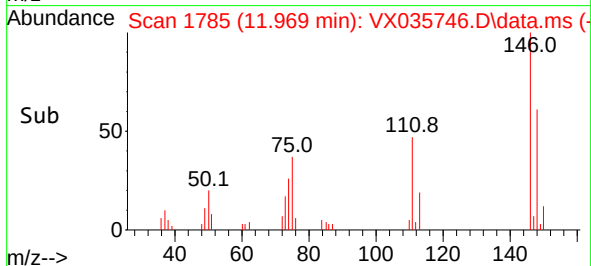
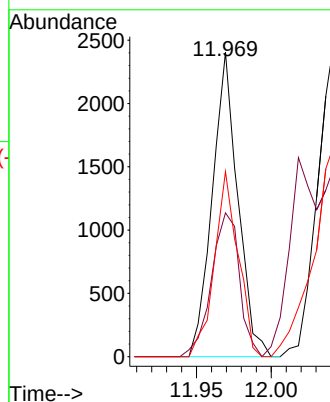
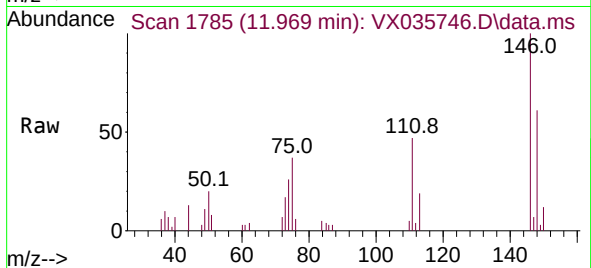
Tgt Ion:146	Resp:	2854
Ion Ratio	Lower	Upper
146	100	
111	51.9	20.9 62.8
148	56.6	31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#88

1,4-Dichlorobenzene

Concen: 0.699 ug/l m

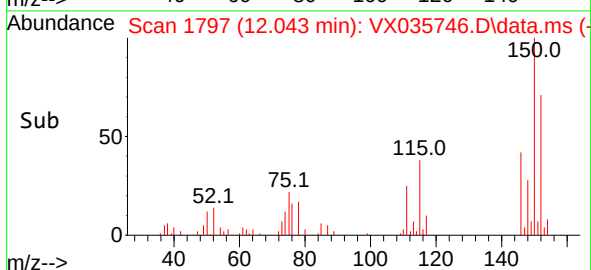
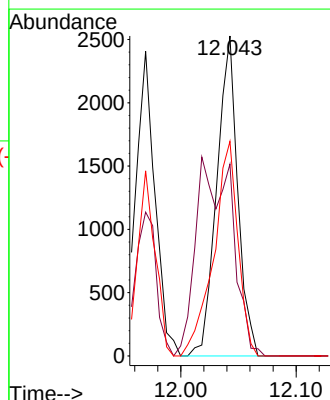
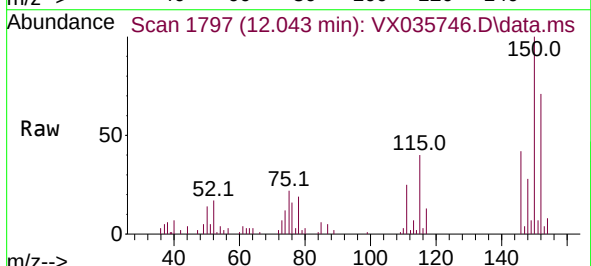
RT: 12.043 min Scan# 1797

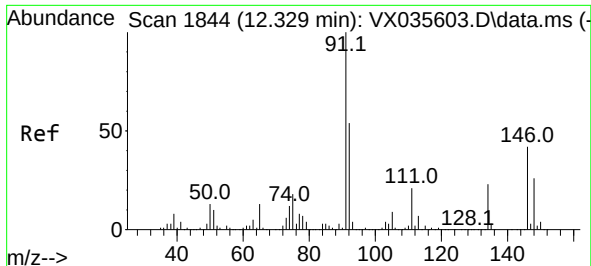
Delta R.T. 0.001 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Tgt Ion:146	Resp:	3187
Ion Ratio	Lower	Upper
146	100	
111	46.4	20.6 61.9
148	50.6	31.8 95.4





#89

n-Butylbenzene

Concen: 0.504 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035746.D

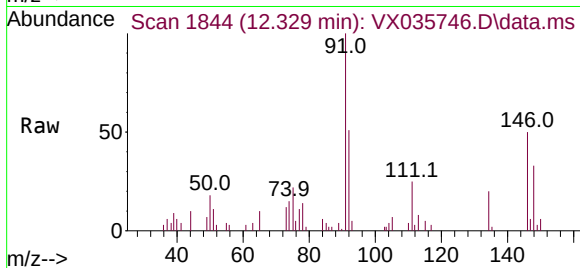
Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023



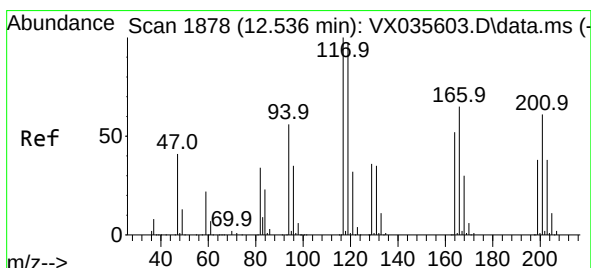
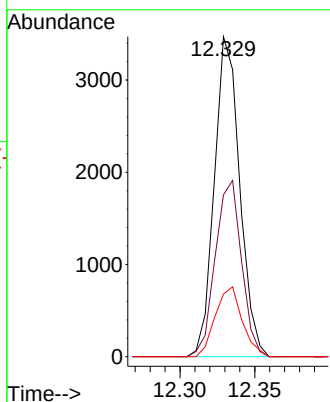
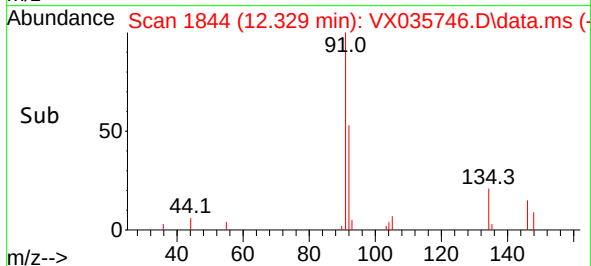
Tgt Ion: 91	Resp: 4094
Ion Ratio	Lower Upper
91	100
92	56.8 27.7 83.0
134	23.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#90

Hexachloroethane

Concen: 0.446 ug/l

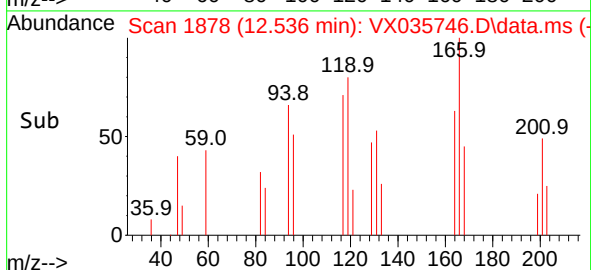
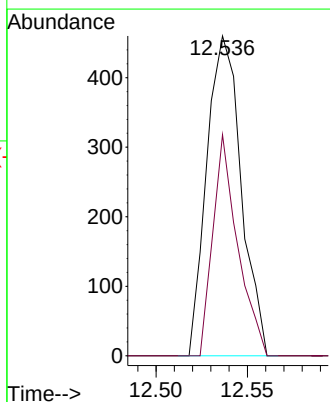
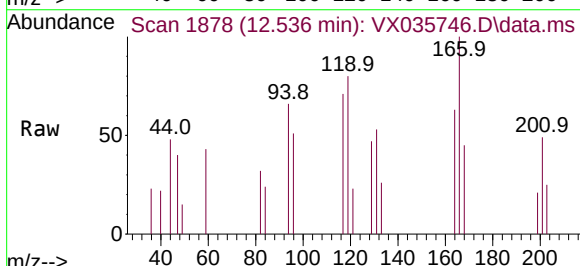
RT: 12.536 min Scan# 1878

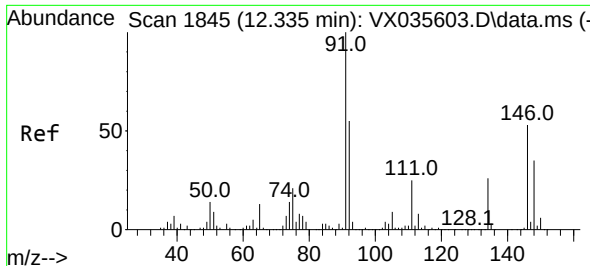
Delta R.T. 0.000 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

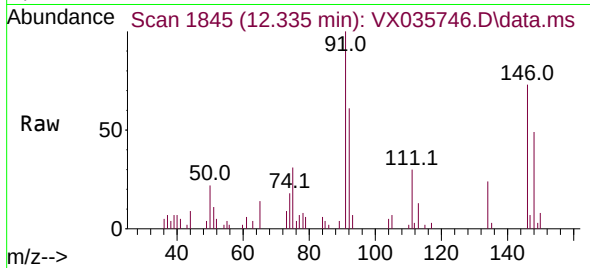
Tgt Ion: 117	Resp: 603
Ion Ratio	Lower Upper
117	100
201	49.8 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 0.675 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

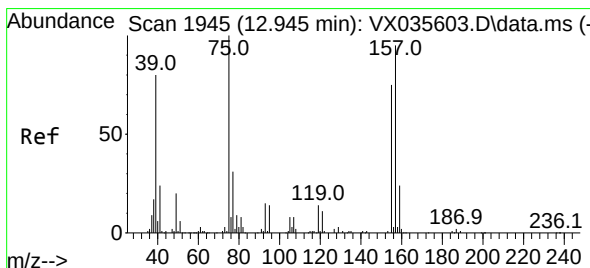
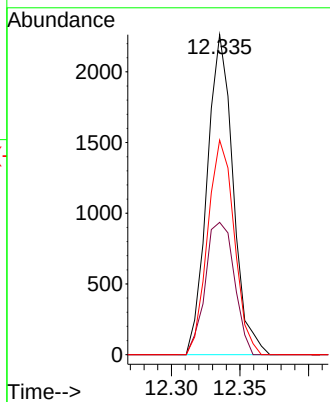
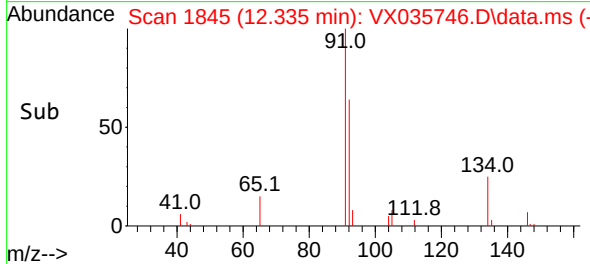
Instrument : MSVOA_X
ClientSampleId : MDL-WATER-03-QT2-2023



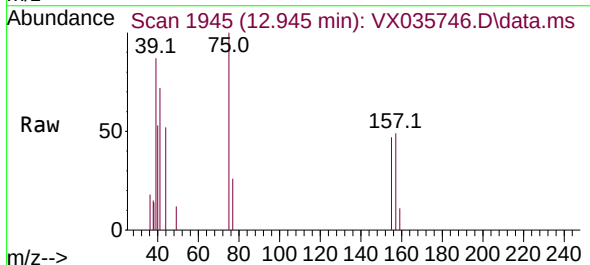
Tgt Ion:146 Resp: 298
Ion Ratio Lower Upper
146 100
111 46.1 22.0 66.0
148 68.7 32.0 96.0

Manual Integrations
APPROVED

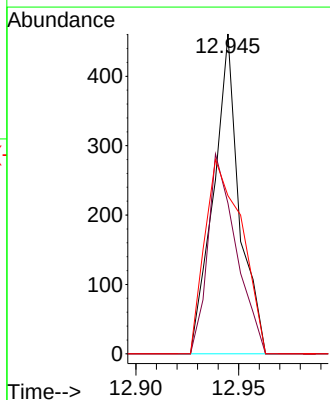
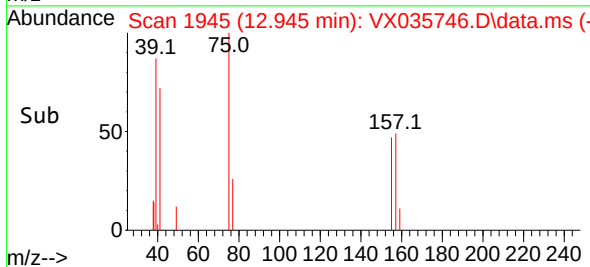
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023

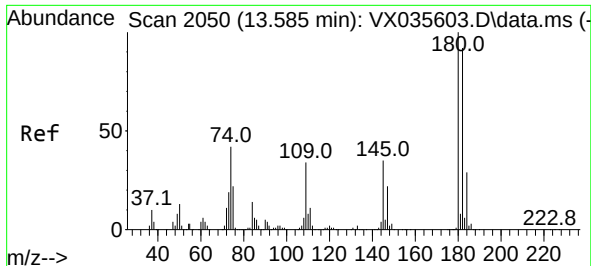


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.533 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46



Tgt Ion: 75 Resp: 403
Ion Ratio Lower Upper
75 100
155 69.0 38.4 115.1
157 87.1 49.9 149.7





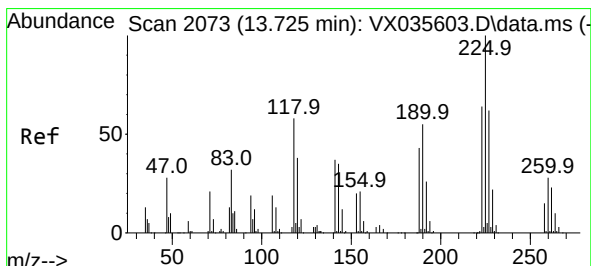
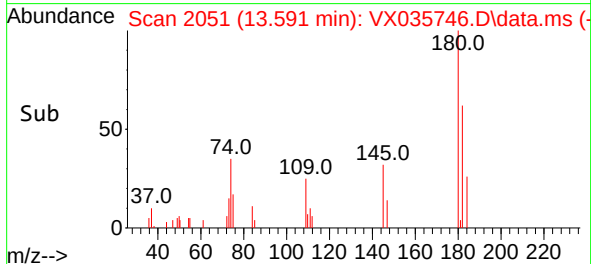
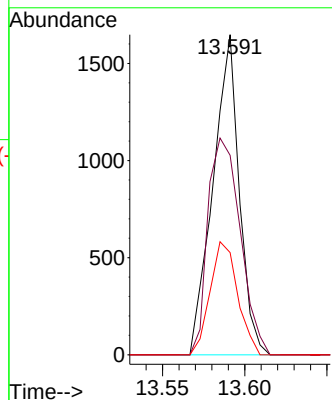
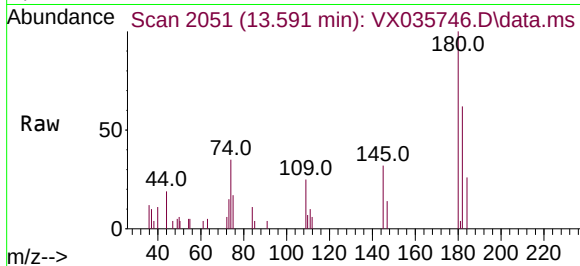
#93
1,2,4-Trichlorobenzene
Concen: 0.688 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:180 Resp: 183
Ion Ratio Lower Upper
180 100
182 83.3 47.0 141.0
145 37.0 15.9 47.7

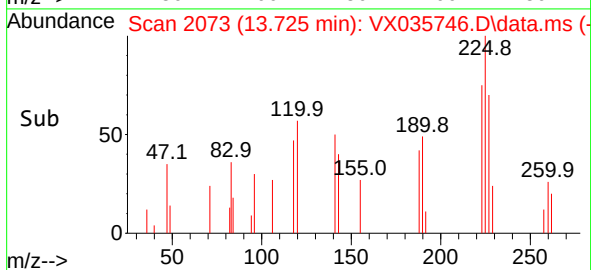
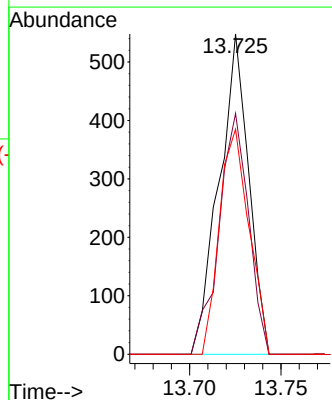
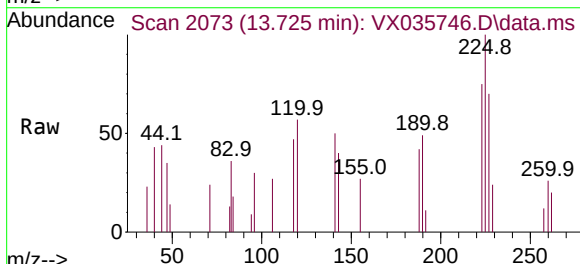
Manual Integrations
APPROVED

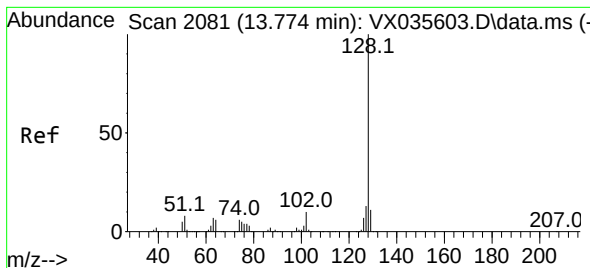
Reviewed By :John Carlone 05/19/2023
Supervised By :Mahesh Dadoda 05/19/2023



#94
Hexachlorobutadiene
Concen: 0.586 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035746.D
Acq: 18 May 2023 16:46

Tgt Ion:225 Resp: 619
Ion Ratio Lower Upper
225 100
223 75.0 32.1 96.5
227 70.4 31.8 95.4





#95

Naphthalene

Concen: 0.609 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT2-2023

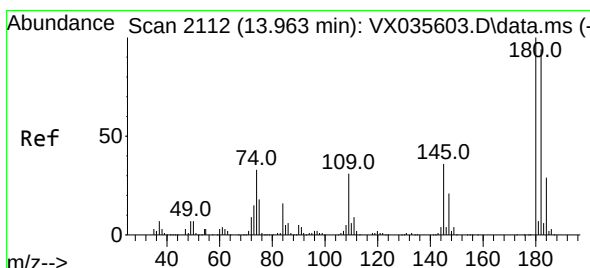
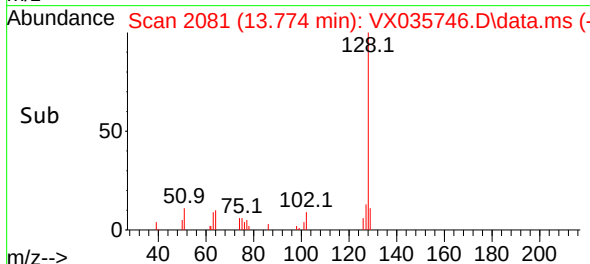
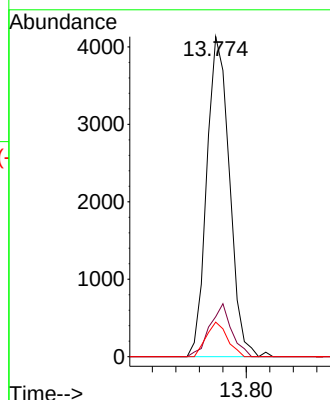
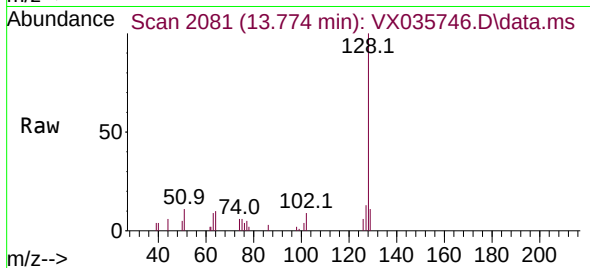
Tgt Ion:128	Resp:	5549
Ion Ratio	Lower	Upper
128	100	
127	15.9	10.2 15.4
129	10.0	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/19/2023

Supervised By :Mahesh Dadoda 05/19/2023



#96

1,2,3-Trichlorobenzene

Concen: 0.613 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX035746.D

Acq: 18 May 2023 16:46

Tgt Ion:180	Resp:	1604
Ion Ratio	Lower	Upper
180	100	
182	89.0	48.0 144.2
145	37.2	17.7 53.1

