

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079859.D
 Acq On : 03 Nov 2023 19:14
 Operator : JC\MD
 Sample : 04699-09 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Quant Time: Nov 04 00:56:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/04/2023
 Supervised By : Mahesh Dadoda 11/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	243605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	444624	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	408963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240259	64.735	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 129.480%#			
35) Dibromofluoromethane	8.171	113	179284	56.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.940%			
50) Toluene-d8	10.571	98	618712	53.407	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.820%			
62) 4-Bromofluorobenzene	12.853	95	179920	46.829	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	2433	0.829	ug/l	78
3) Chloromethane	2.359	50	4585	0.578	ug/l	95
4) Vinyl Chloride	2.512	62	4089	1.065	ug/l #	60
5) Bromomethane	2.965	94	3021	1.294	ug/l #	66
6) Chloroethane	3.118	64	2290	0.755	ug/l #	64
7) Trichlorofluoromethane	3.500	101	4440	0.929	ug/l	84
8) Diethyl Ether	3.983	74	1360	0.750	ug/l #	15
9) 1,1,2-Trichlorotrifluo...	4.359	101	2294m	0.828	ug/l	
10) Methyl Iodide	4.600	142	2061m	0.652	ug/l	
11) Tert butyl alcohol	5.518	59	2805m	5.921	ug/l	
12) 1,1-Dichloroethene	4.347	96	2308	0.880	ug/l	85
13) Acrolein	4.183	56	1363m	5.582	ug/l	
14) Allyl chloride	5.024	41	3696	0.920	ug/l #	62
15) Acrylonitrile	5.730	53	6042	4.092	ug/l	97
16) Acetone	4.442	43	7186	5.512	ug/l #	74
17) Carbon Disulfide	4.718	76	6539	0.865	ug/l #	90
18) Methyl Acetate	5.047	43	5830m	0.935	ug/l	
19) Methyl tert-butyl Ether	5.800	73	6551	0.726	ug/l	97
20) Methylene Chloride	5.283	84	3788m	1.152	ug/l	
21) trans-1,2-Dichloroethene	5.788	96	2314	0.791	ug/l	91
22) Diisopropyl ether	6.677	45	6796	0.730	ug/l #	85
23) Vinyl Acetate	6.606	43	17561	3.421	ug/l #	85
24) 1,1-Dichloroethane	6.565	63	5163	0.913	ug/l #	81
25) 2-Butanone	7.494	43	7833	4.103	ug/l	89
26) 2,2-Dichloropropane	7.488	77	3451	0.738	ug/l	87
27) cis-1,2-Dichloroethene	7.488	96	2800	0.800	ug/l	72
28) Bromochloromethane	7.818	49	2826	1.025	ug/l #	81
29) Tetrahydrofuran	7.859	42	4618	3.718	ug/l #	75
30) Chloroform	7.965	83	6122	0.996	ug/l	83
31) Cyclohexane	8.229	56	10679	2.177	ug/l #	44
32) 1,1,1-Trichloroethane	8.171	97	4501	0.899	ug/l #	46
36) 1,1-Dichloropropene	8.377	75	3520	0.783	ug/l	93
37) Ethyl Acetate	7.577	43	3681	0.893	ug/l #	71
38) Carbon Tetrachloride	8.365	117	3858	0.852	ug/l #	81
39) Methylcyclohexane	9.600	83	2837	0.671	ug/l	91
40) Benzene	8.606	78	11582	0.861	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	1397	0.638	ug/l #	76
42) 1,2-Dichloroethane	8.677	62	4633	0.986	ug/l	84
43) Isopropyl Acetate	8.700	43	5266	0.729	ug/l #	82
44) Trichloroethene	9.359	130	2782	0.833	ug/l	82
45) 1,2-Dichloropropane	9.629	63	3066	0.891	ug/l #	88
46) Dibromomethane	9.712	93	2222	0.946	ug/l	95
47) Bromodichloromethane	9.888	83	4543	0.907	ug/l	92
48) Methyl methacrylate	9.688	41	2461	0.777	ug/l #	76
49) 1,4-Dioxane	9.694	88	593	10.602	ug/l #	48
51) 4-Methyl-2-Pentanone	10.447	43	14918	3.667	ug/l #	79
52) Toluene	10.629	92	6550	0.821	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	3509	0.715	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	3725	0.696	ug/l #	70
55) 1,1,2-Trichloroethane	11.018	97	2824	0.880	ug/l	91
56) Ethyl methacrylate	10.882	69	3147	0.688	ug/l #	71
57) 1,3-Dichloropropane	11.170	76	4878	0.862	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	6586	2.839	ug/l #	81
59) 2-Hexanone	11.200	43	9702	3.117	ug/l	82
60) Dibromochloromethane	11.365	129	3248	0.946	ug/l	89
61) 1,2-Dibromoethane	11.476	107	2671	0.829	ug/l	87
64) Tetrachloroethene	11.100	164	2830	1.068	ug/l #	80
65) Chlorobenzene	11.888	112	6388	0.720	ug/l #	80
66) 1,1,1,2-Tetrachloroethane	11.965	131	2514	0.787	ug/l #	64
67) Ethyl Benzene	11.970	91	10762	0.696	ug/l	97
68) m/p-Xylenes	12.076	106	7615	1.323	ug/l	92
69) o-Xylene	12.406	106	3399	0.613	ug/l	98
70) Styrene	12.417	104	5214	0.585	ug/l	95
71) Bromoform	12.588	173	1626	0.716	ug/l #	86
73) Isopropylbenzene	12.700	105	7706	0.664	ug/l	97
74) N-amyl acetate	12.494	43	3426	0.677	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.935	83	4307	1.047	ug/l	94
76) 1,2,3-Trichloropropane	13.000	75	3796m	1.058	ug/l	
77) Bromobenzene	12.982	156	2628	0.925	ug/l	90
78) n-propylbenzene	13.041	91	9898	0.745	ug/l	95
79) 2-Chlorotoluene	13.129	91	6554	0.772	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	6509	0.721	ug/l	98
82) 4-Chlorotoluene	13.229	91	6615	0.784	ug/l	94
83) tert-Butylbenzene	13.435	119	4858	0.658	ug/l	89
84) 1,2,4-Trimethylbenzene	13.488	105	5384	0.606	ug/l	86
85) sec-Butylbenzene	13.611	105	6412	0.626	ug/l	90
86) p-Isopropyltoluene	13.735	119	4839	0.580	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	4204	0.796	ug/l	93
88) 1,4-Dichlorobenzene	13.811	146	5019m	0.936	ug/l	
89) n-Butylbenzene	14.059	91	4830	0.672	ug/l	93
90) Hexachloroethane	14.341	117	1381	0.836	ug/l	96
91) 1,2-Dichlorobenzene	14.111	146	3829	0.768	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.729	75	781	1.120	ug/l	72
93) 1,2,4-Trichlorobenzene	15.394	180	1558	0.657	ug/l	92
94) Hexachlorobutadiene	15.506	225	1141	1.061	ug/l	85
95) Naphthalene	15.641	128	4110	0.511	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	1610m	0.693	ug/l	

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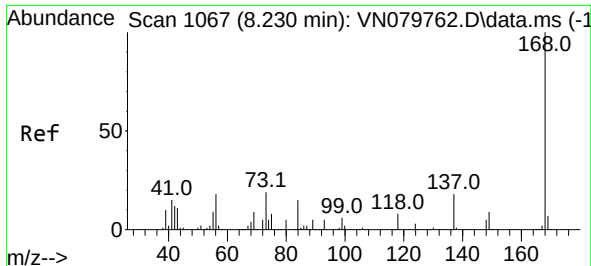
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Manual Integrations

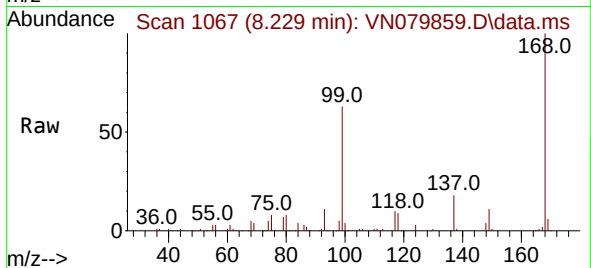
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079859.D
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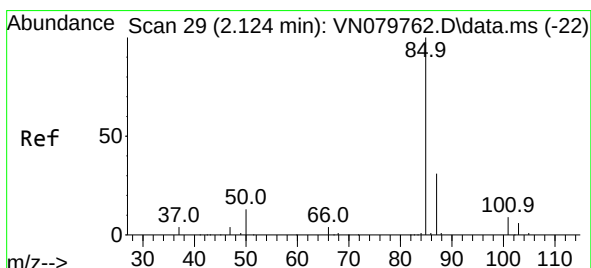
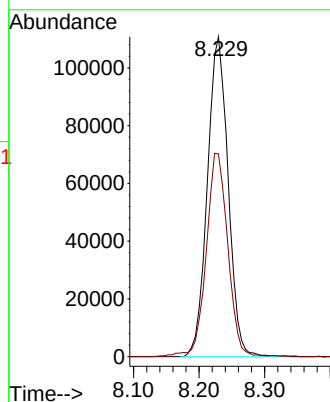
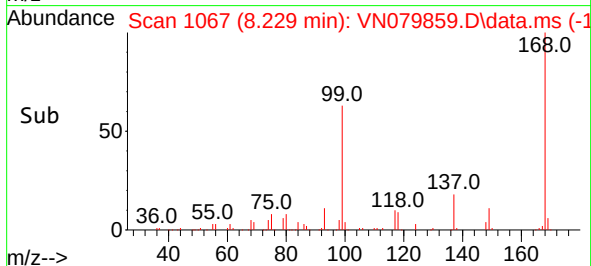
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:168 Resp: 24360
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6

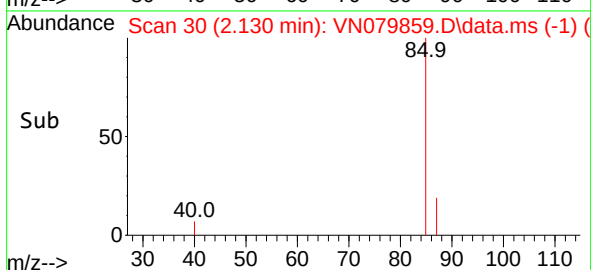
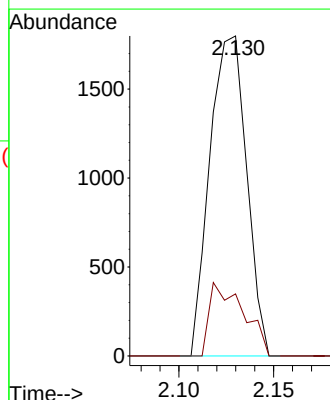
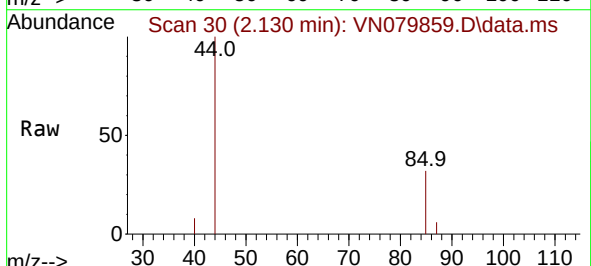
Manual Integrations
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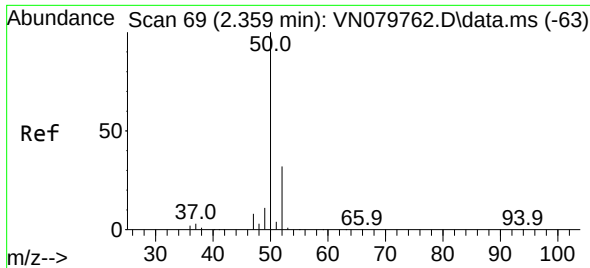
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#2
Dichlorodifluoromethane
Concen: 0.829 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

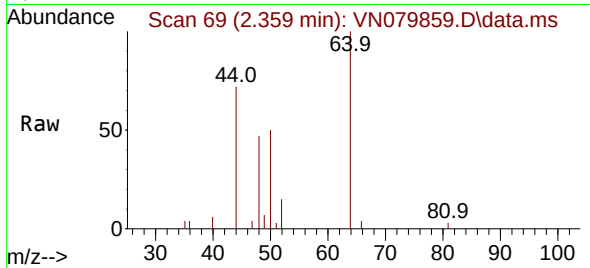
Tgt Ion: 85 Resp: 2433
Ion Ratio Lower Upper
85 100
87 19.4 15.8 47.4





#3
Chloromethane
Concen: 0.578 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

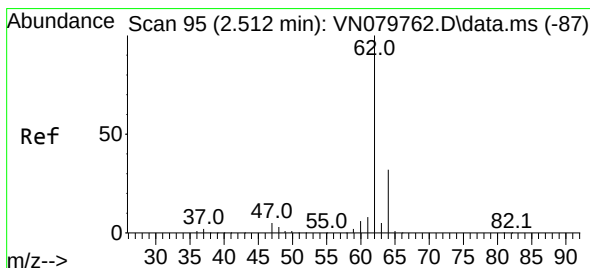
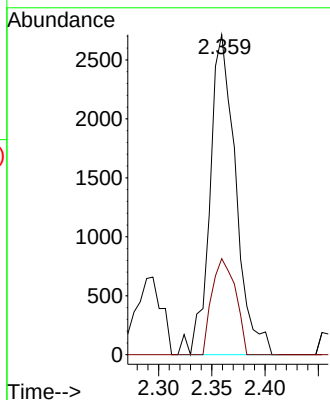
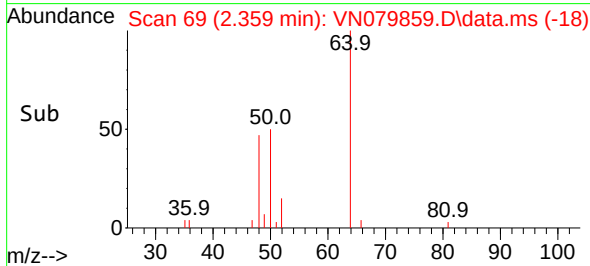
Instrument :
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Tgt Ion: 50 Resp: 4589
Ion Ratio Lower Upper
50 100
52 30.0 26.5 39.7

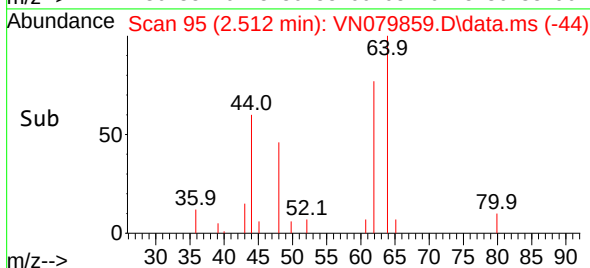
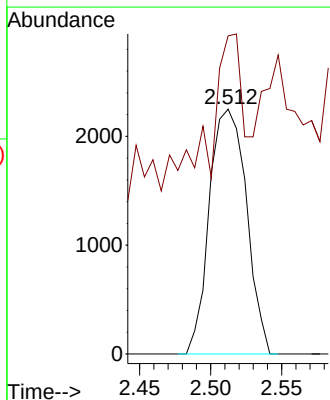
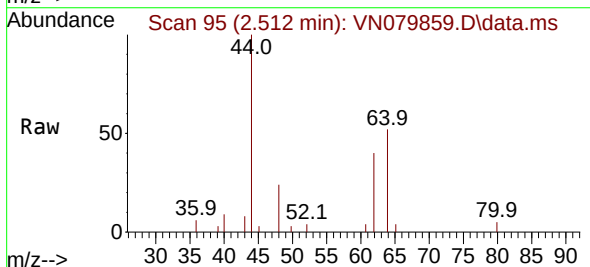
Manual Integrations
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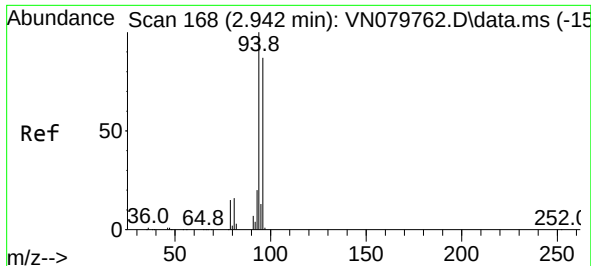
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#4
Vinyl Chloride
Concen: 1.065 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

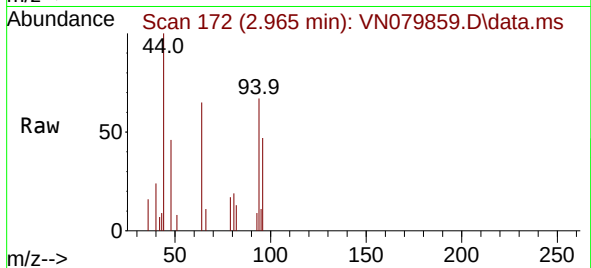
Tgt Ion: 62 Resp: 4089
Ion Ratio Lower Upper
62 100
64 55.0 26.2 39.2#





#5
Bromomethane
Concen: 1.294 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

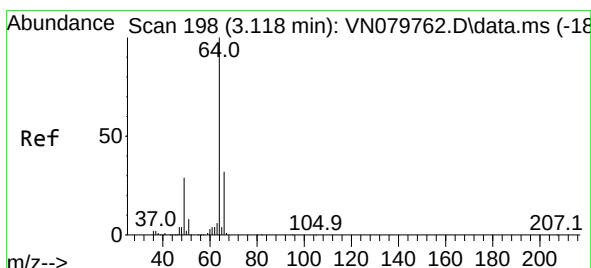
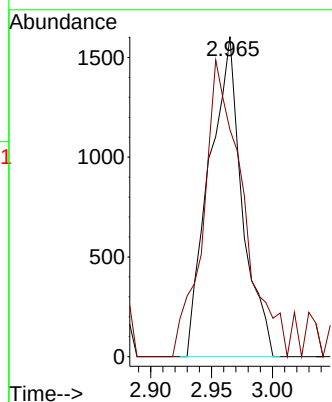
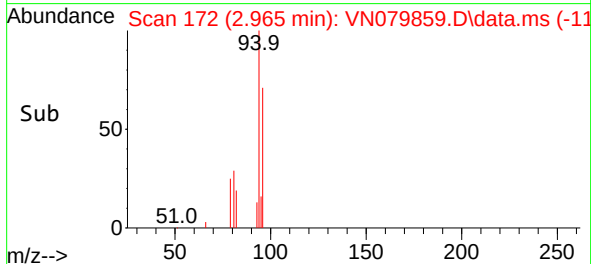
Instrument :
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Tgt Ion: 94 Resp: 302
Ion Ratio Lower Upper
94 100
96 59.1 73.1 109.7

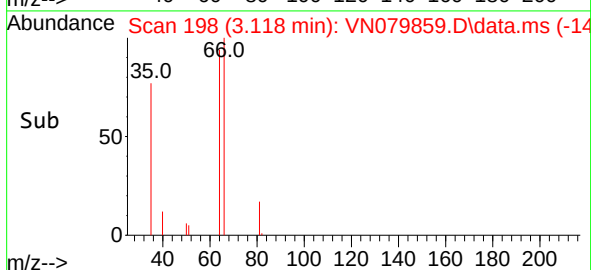
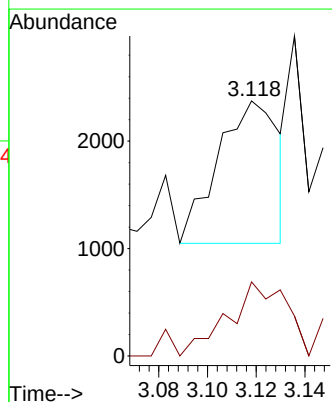
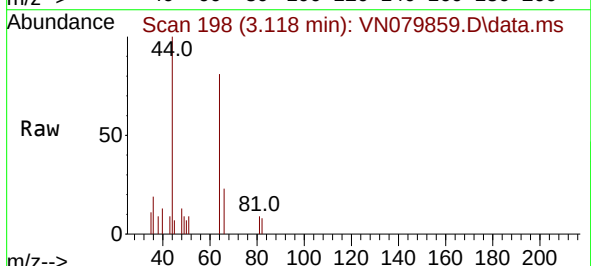
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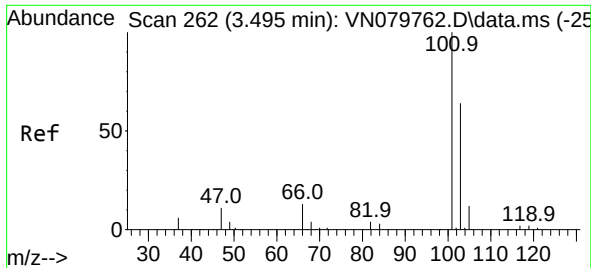
Reviewed By :John Carlone 11/04/2023
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#6
Chloroethane
Concen: 0.755 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079859.D
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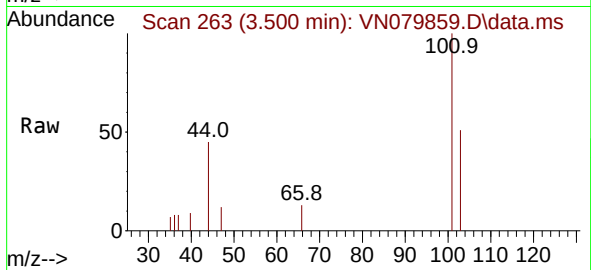
Tgt Ion: 64 Resp: 2290
Ion Ratio Lower Upper
64 100
66 52.1 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 0.929 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

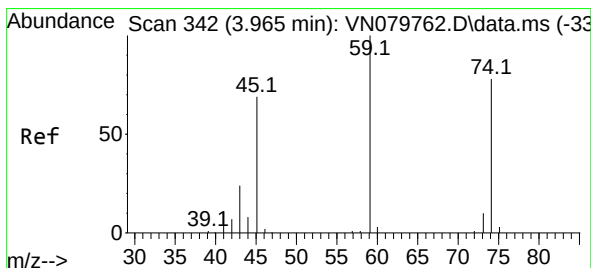
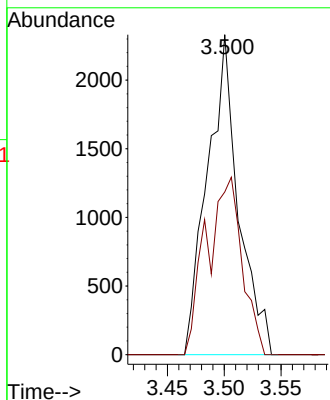
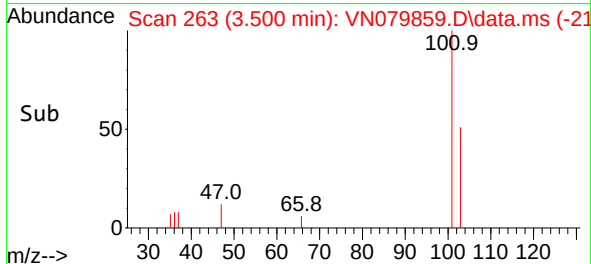
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023



Tgt Ion:101 Resp: 4440
 Ion Ratio Lower Upper
 101 100
 103 50.8 50.7 76.1

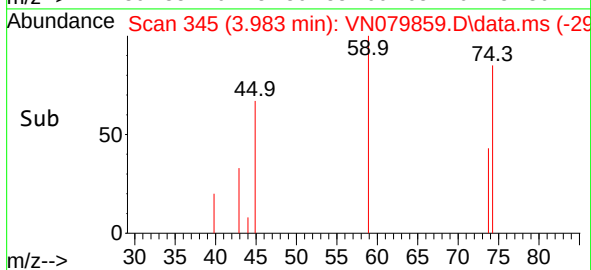
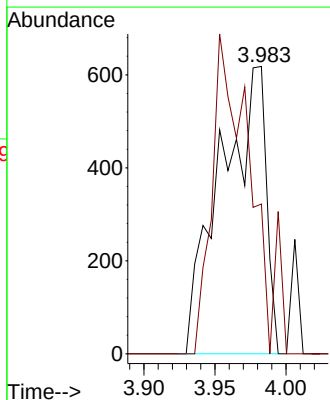
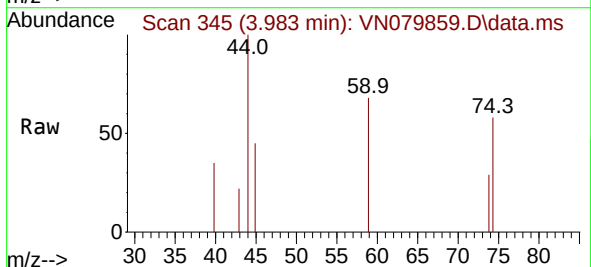
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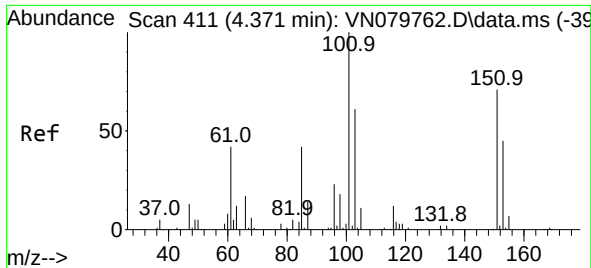
Reviewed By :John Carlone 11/04/2023
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#8
 Diethyl Ether
 Concen: 0.750 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.018 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

Tgt Ion: 74 Resp: 1360
 Ion Ratio Lower Upper
 74 100
 45 0.0 34.4 103.3#





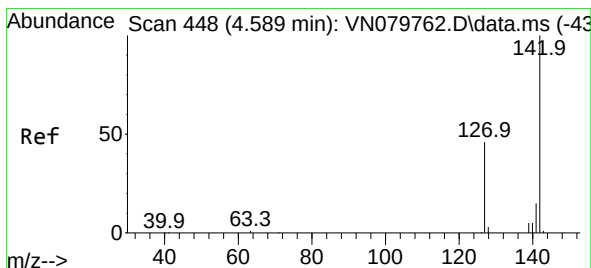
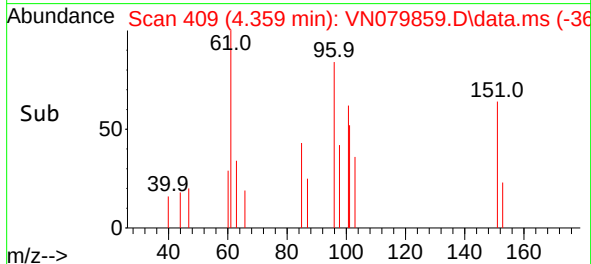
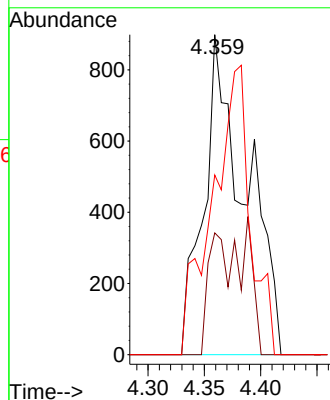
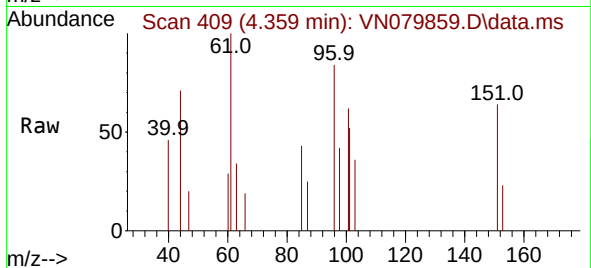
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.828 ug/l m
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:101 Resp: 2294
Ion Ratio Lower Upper
101 100
85 17.1 36.6 55.0
151 0.0 57.6 86.4

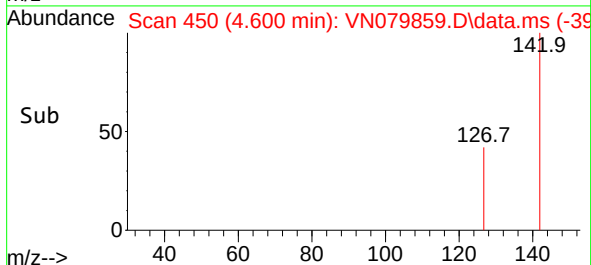
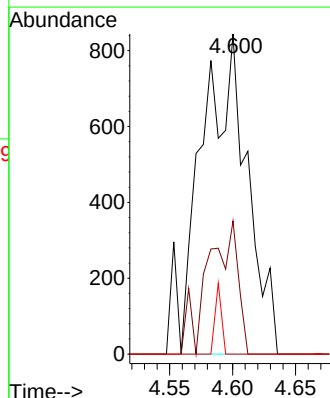
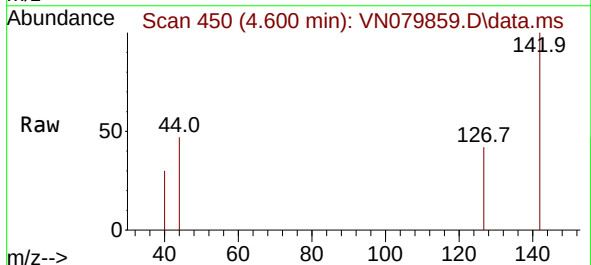
Manual Integrations
APPROVED

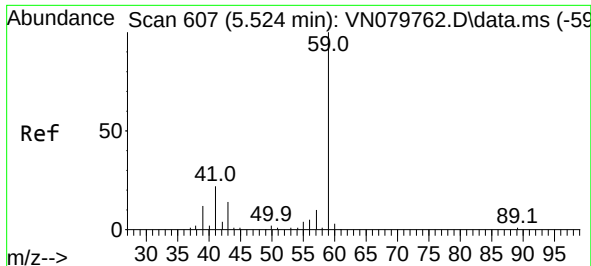
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#10
Methyl Iodide
Concen: 0.652 ug/l m
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

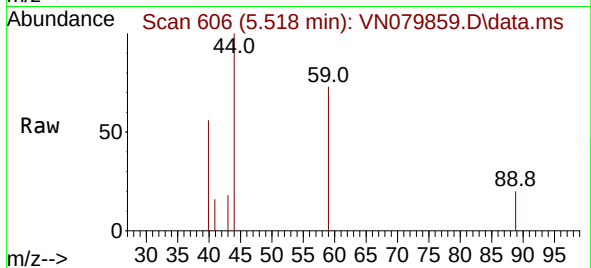
Tgt Ion:142 Resp: 2061
Ion Ratio Lower Upper
142 100
127 41.6 37.6 56.4
141 0.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 5.921 ug/l m
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

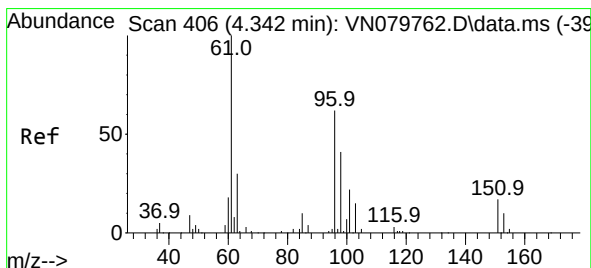
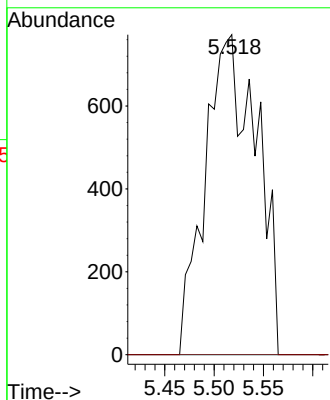
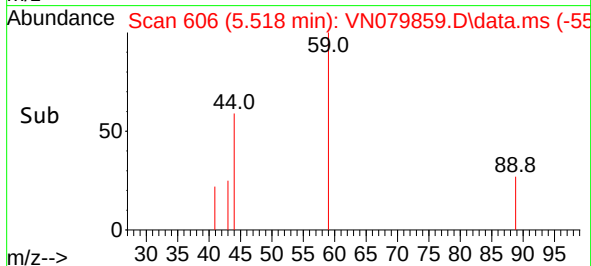
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



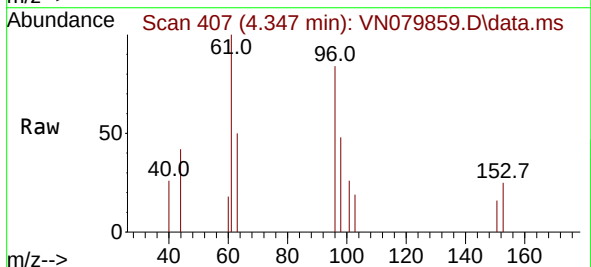
Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

Manual Integrations
APPROVED

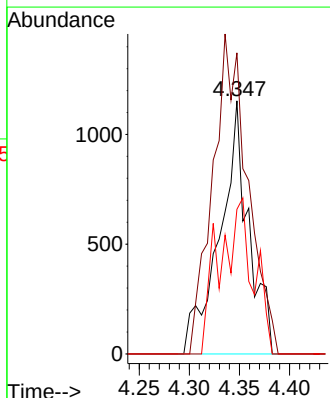
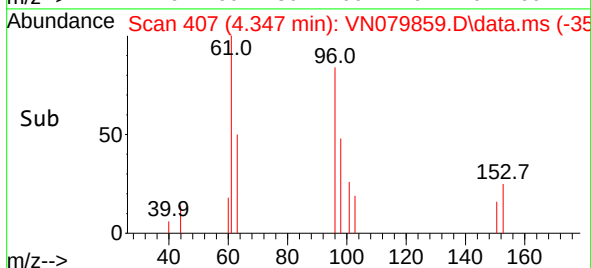
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

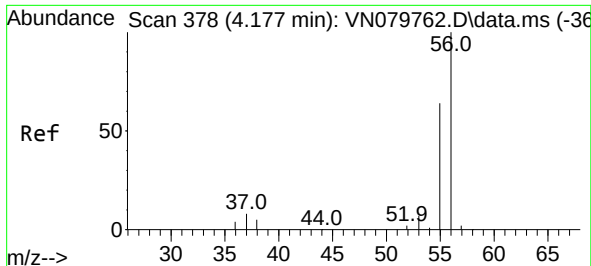


#12
1,1-Dichloroethene
Concen: 0.880 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14



Tgt Ion: 96 Resp: 2308
Ion Ratio Lower Upper
96 100
61 119.0 112.7 169.1
98 57.2 51.2 76.8





#13

Acrolein

Concen: 5.582 ug/l m

RT: 4.183 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 56 Resp: 136

Ion Ratio Lower Upper

56 100

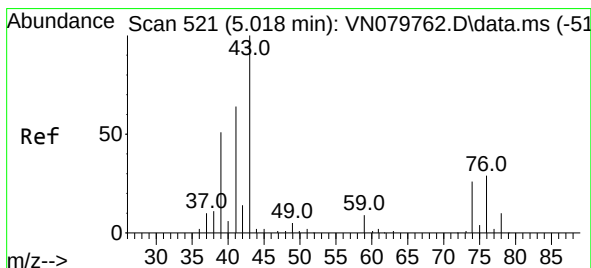
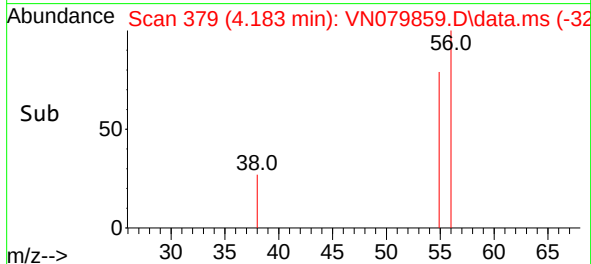
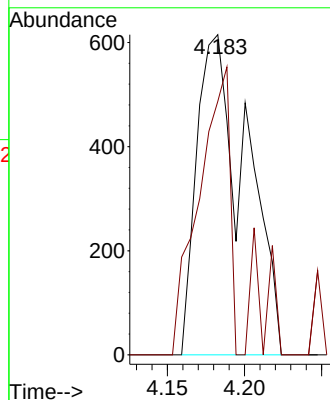
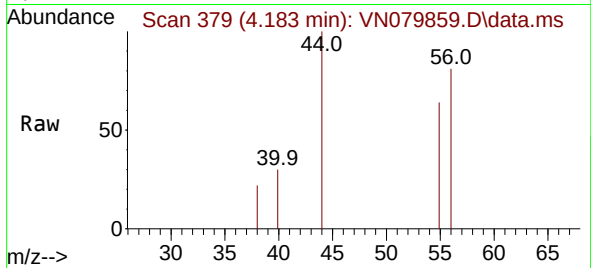
55 56.5 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#14

Allyl chloride

Concen: 0.920 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

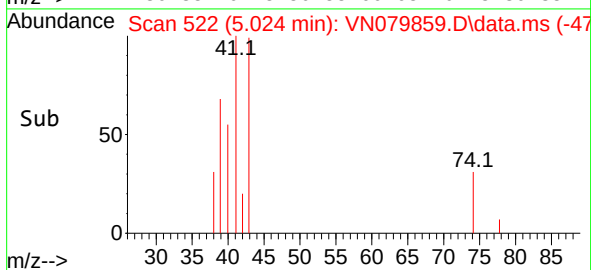
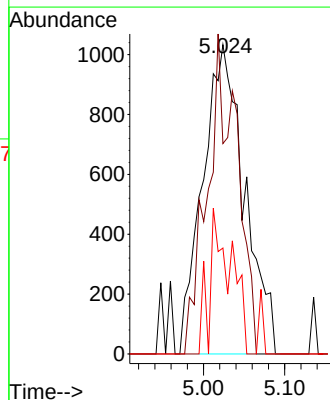
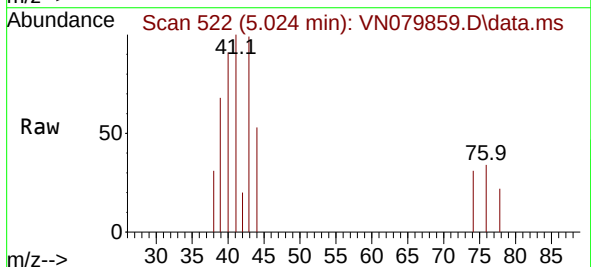
Tgt Ion: 41 Resp: 3696

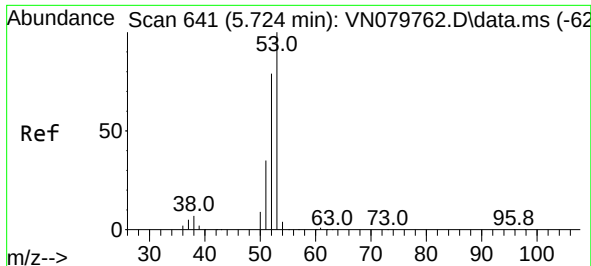
Ion Ratio Lower Upper

41 100

39 47.4 58.8 88.2#

76 16.2 39.1 58.7#





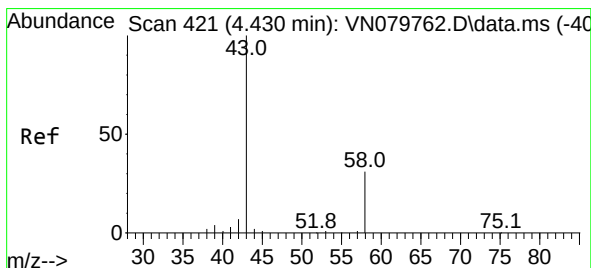
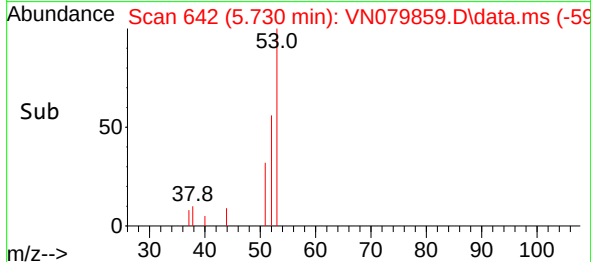
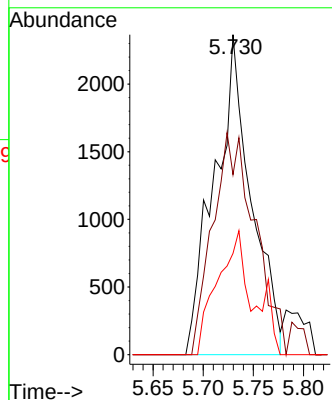
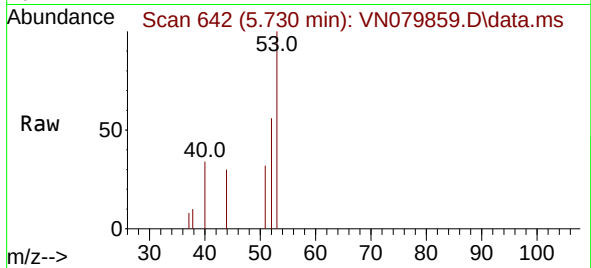
#15
Acrylonitrile
Concen: 4.092 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 53 Resp: 6042
Ion Ratio Lower Upper
53 100
52 79.6 65.3 97.9
51 33.3 28.9 43.3

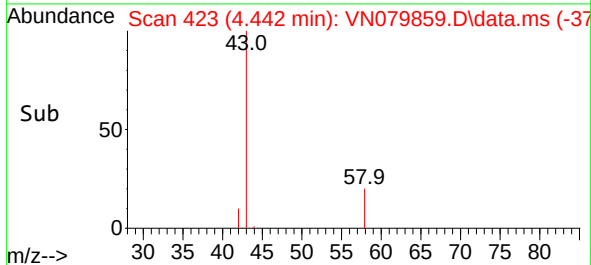
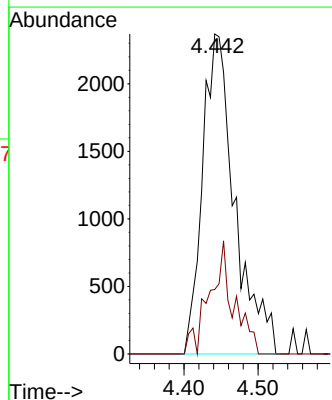
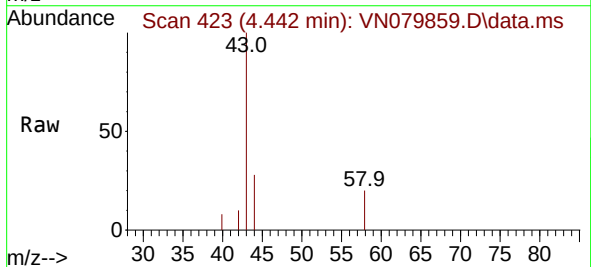
Manual Integrations
APPROVED

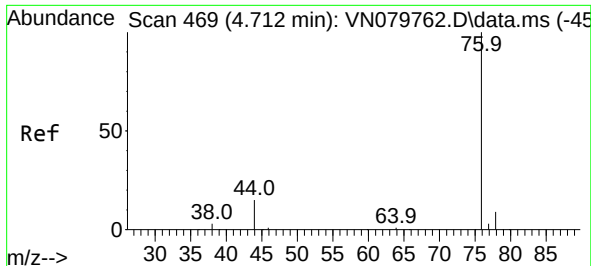
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#16
Acetone
Concen: 5.512 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

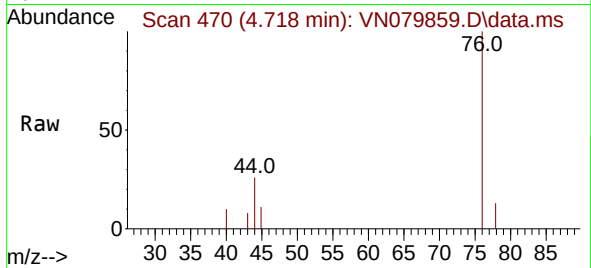
Tgt Ion: 43 Resp: 7186
Ion Ratio Lower Upper
43 100
58 20.1 28.0 42.0#





#17
Carbon Disulfide
Concen: 0.865 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

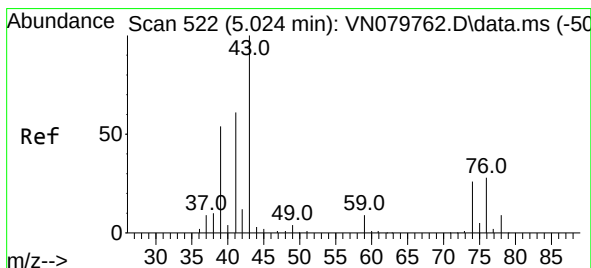
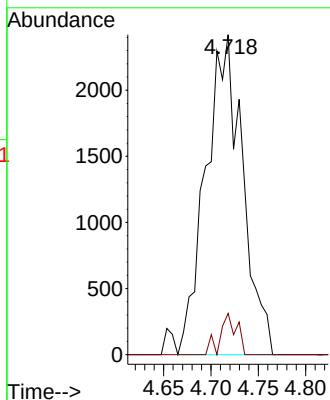
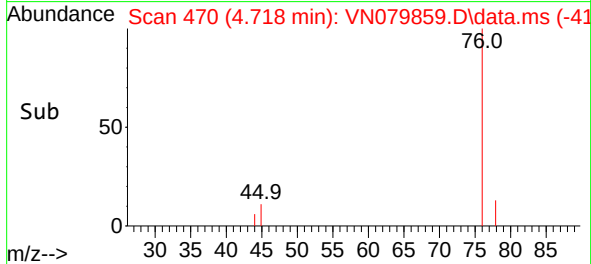
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 76 Resp: 6539
Ion Ratio Lower Upper
76 100
78 12.9 7.4 11.0

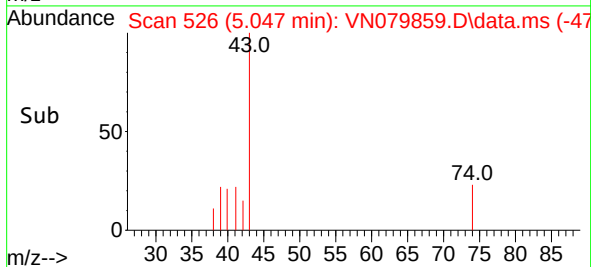
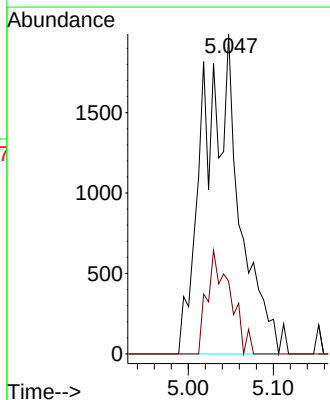
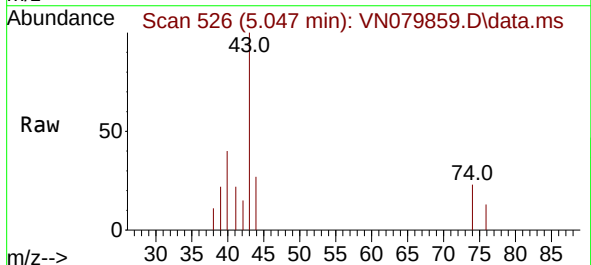
Manual Integrations
APPROVED

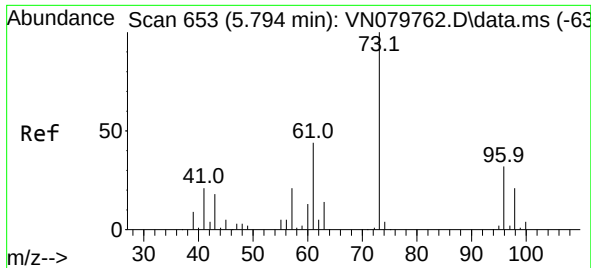
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#18
Methyl Acetate
Concen: 0.935 ug/l m
RT: 5.047 min Scan# 526
Delta R.T. 0.024 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 43 Resp: 5830
Ion Ratio Lower Upper
43 100
74 20.8 26.2 39.4





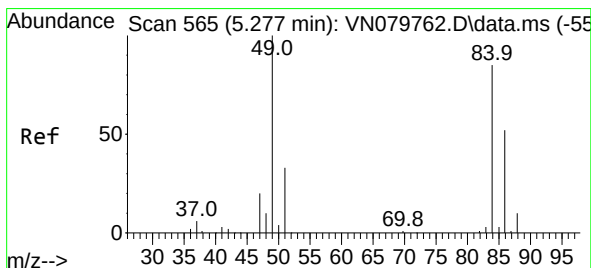
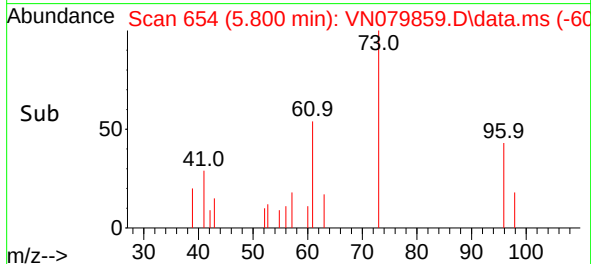
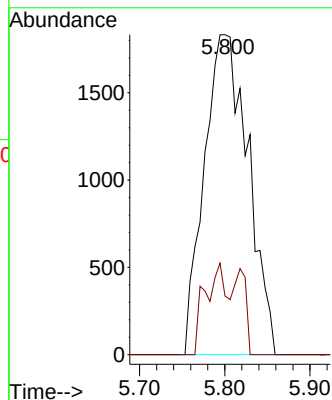
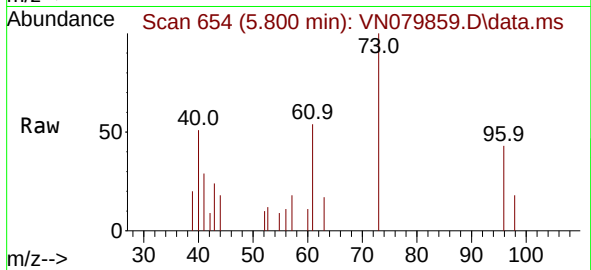
#19
Methyl tert-butyl Ether
Concen: 0.726 ug/l
RT: 5.800 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 73 Resp: 655
Ion Ratio Lower Upper
73 100
57 18.3 15.6 23.4

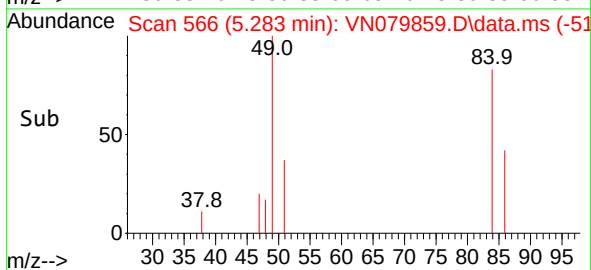
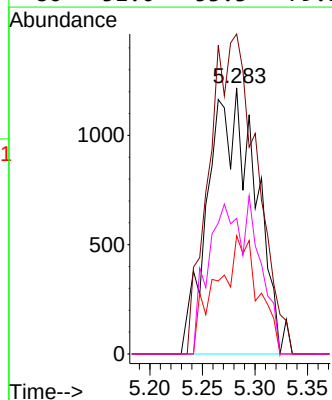
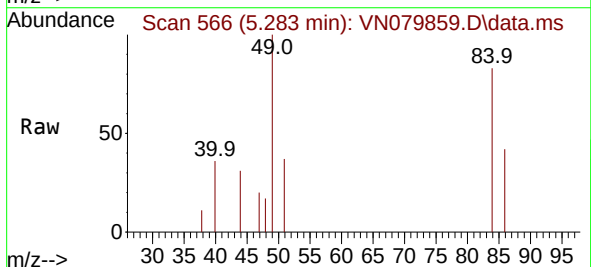
Manual Integrations
APPROVED

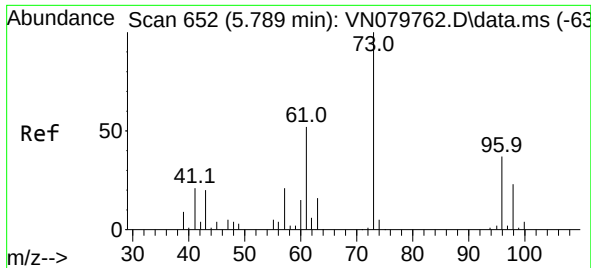
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 1.152 ug/l m
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 84 Resp: 3788
Ion Ratio Lower Upper
84 100
49 120.3 79.7 119.5#
51 44.5 25.2 37.8#
86 51.0 53.3 79.9#





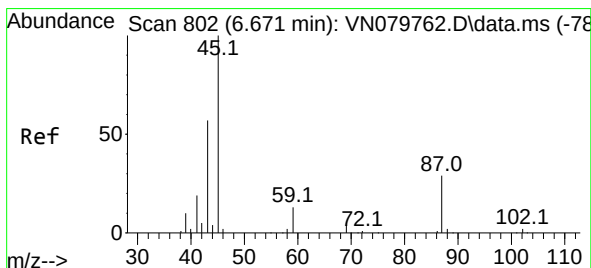
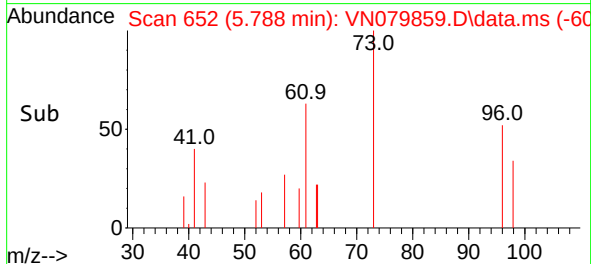
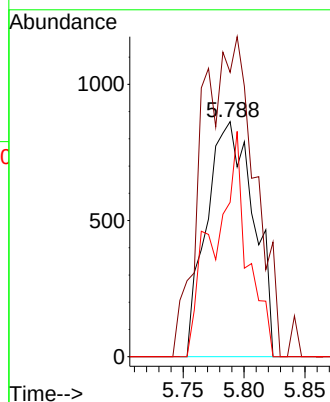
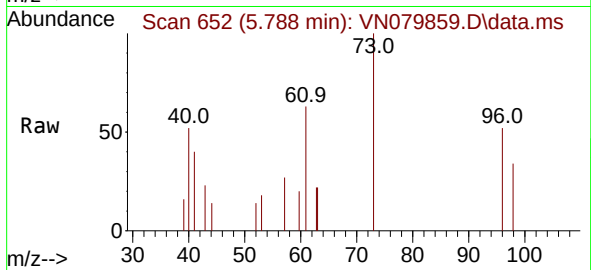
#21
trans-1,2-Dichloroethene
Concen: 0.791 ug/l
RT: 5.788 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 96 Resp: 2314
Ion Ratio Lower Upper
96 100
61 121.0 90.1 135.1
98 65.7 46.4 69.6

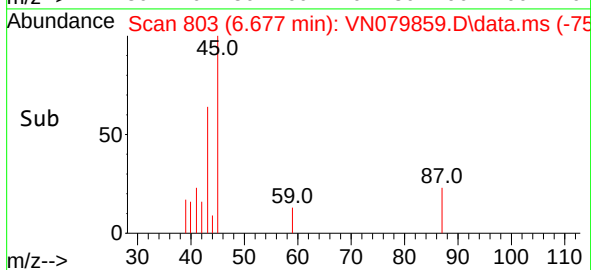
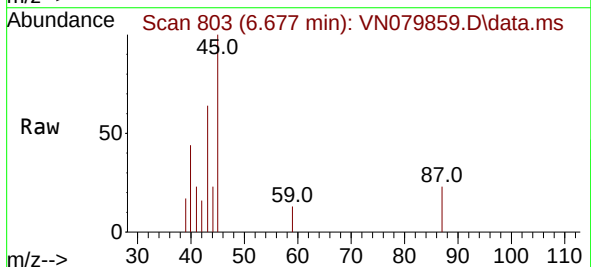
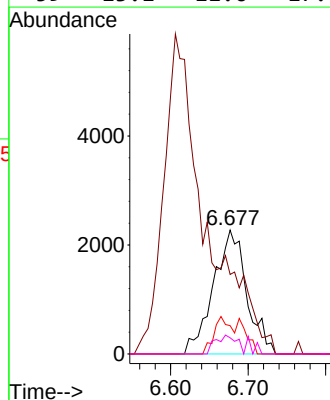
Manual Integrations
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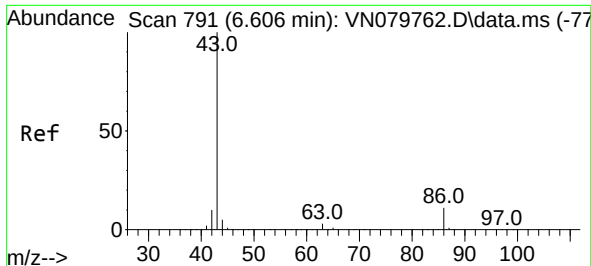
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#22
Diisopropyl ether
Concen: 0.730 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 45 Resp: 6796
Ion Ratio Lower Upper
45 100
43 64.2 45.5 68.3
87 22.9 31.8 47.8#
59 13.1 11.6 17.4





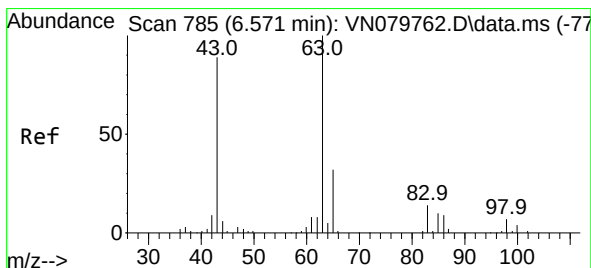
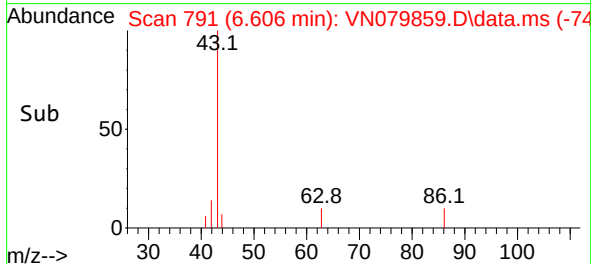
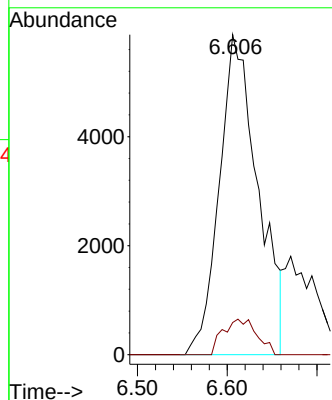
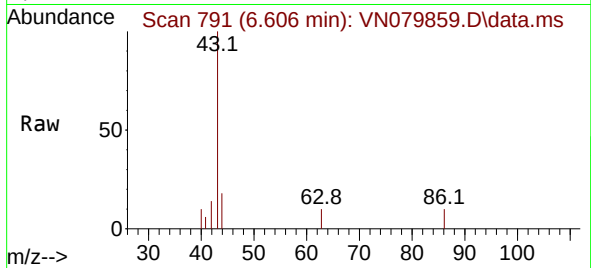
#23
 Vinyl Acetate
 Concen: 3.421 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 1756
 Ion Ratio Lower Upper
 43 100
 86 10.0 13.0 19.6

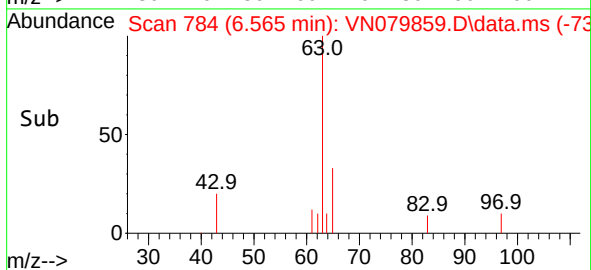
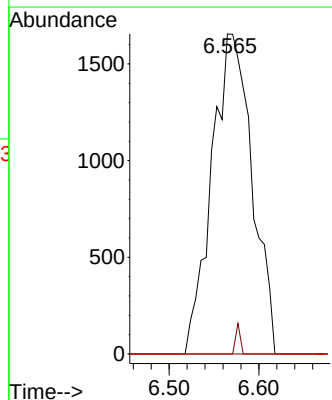
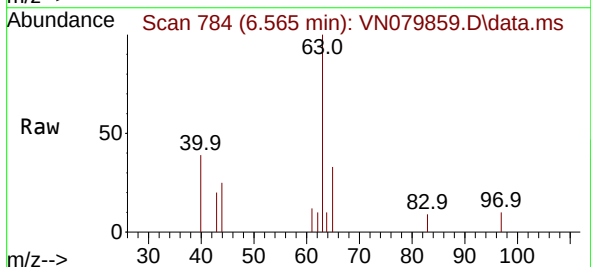
Manual Integrations
 APPROVED

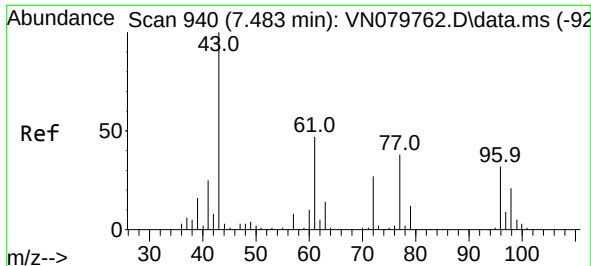
Reviewed By :John Carlone 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#24
 1,1-Dichloroethane
 Concen: 0.913 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

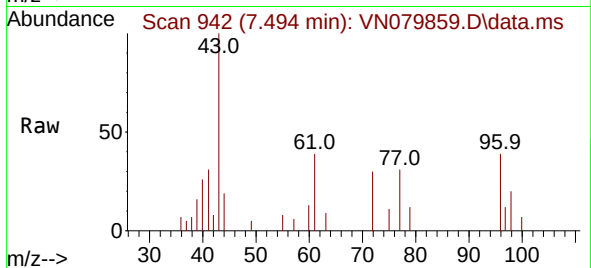
Tgt Ion: 63 Resp: 5163
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#





#25
2-Butanone
Concen: 4.103 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

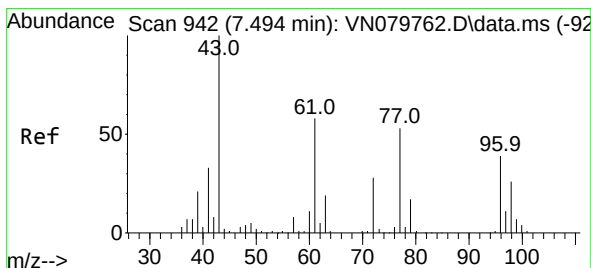
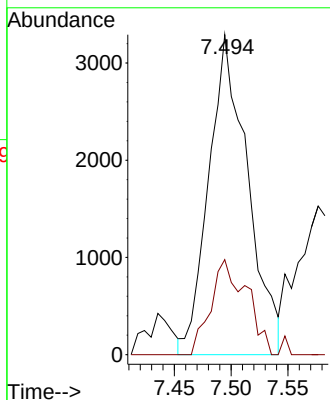
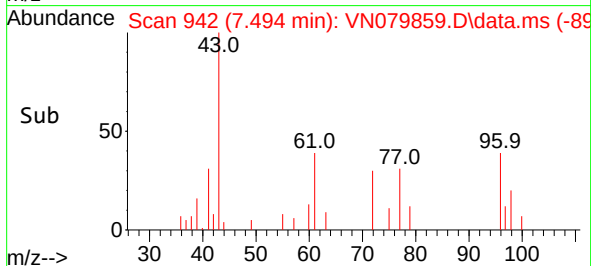
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



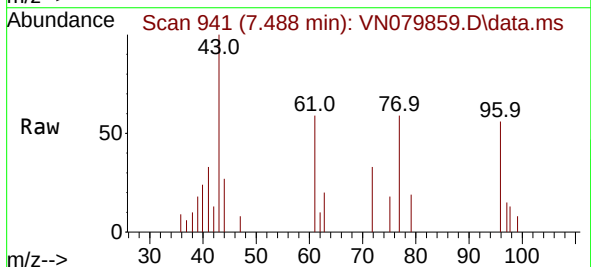
Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
72 31.2 30.2 45.2

Manual Integrations
APPROVED

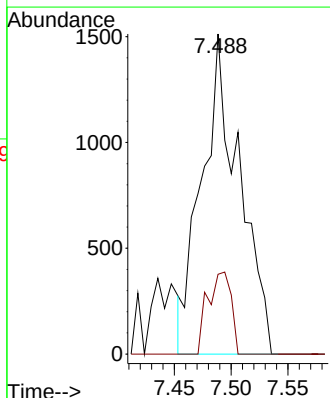
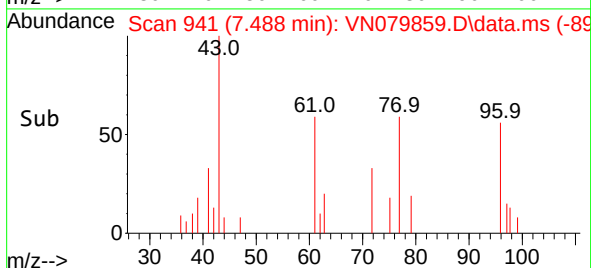
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

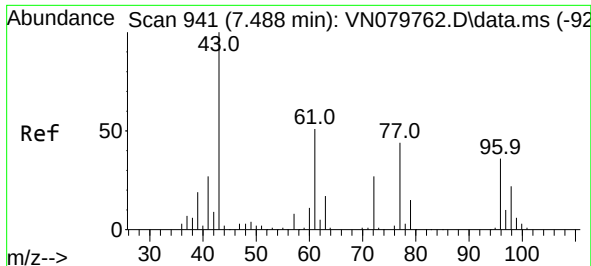


#26
2,2-Dichloropropane
Concen: 0.738 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14



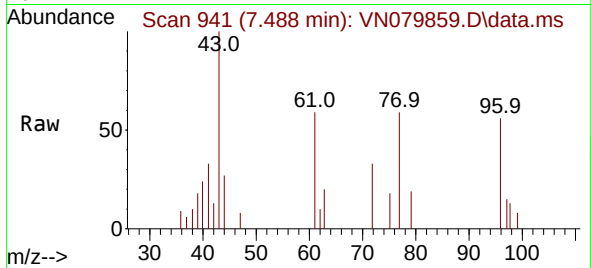
Tgt Ion: 77 Resp: 3451
Ion Ratio Lower Upper
77 100
97 16.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 0.800 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

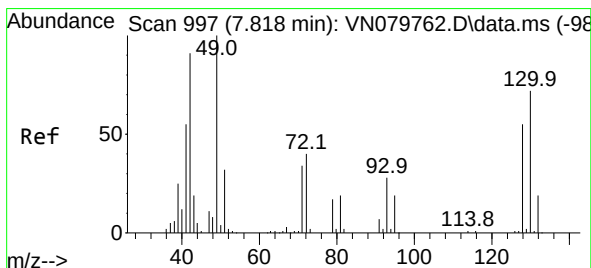
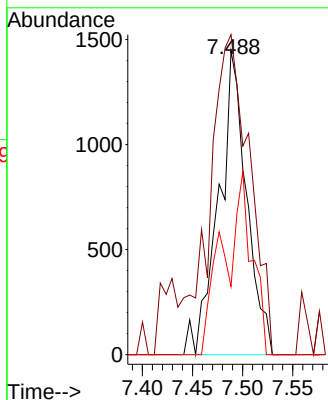
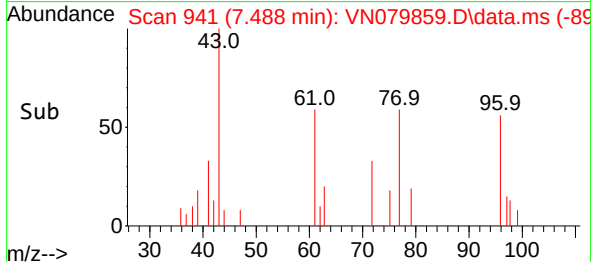
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023



Tgt Ion: 96 Resp: 2800
 Ion Ratio Lower Upper
 96 100
 61 147.5 0.0 255.2
 98 25.7 0.0 128.8

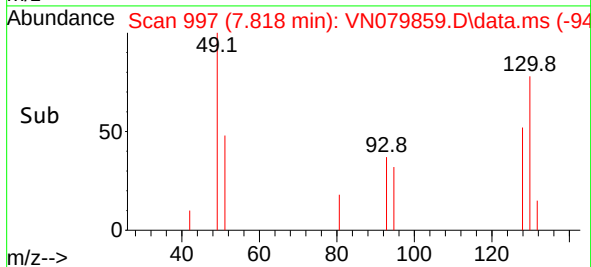
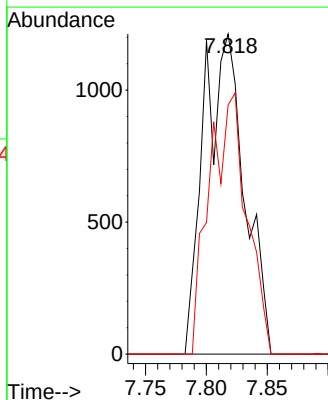
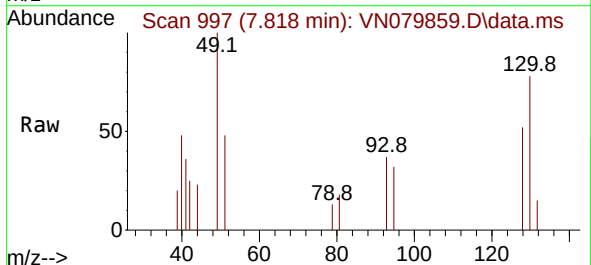
Manual Integrations
 APPROVED

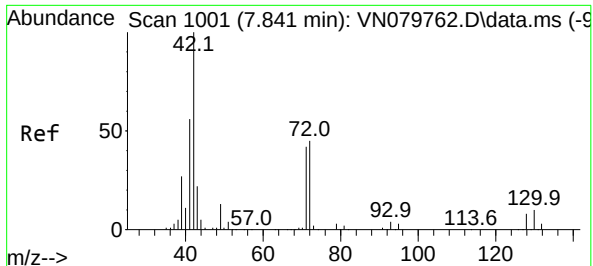
Reviewed By :John Carlone 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023



#28
 Bromochloromethane
 Concen: 1.025 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

Tgt Ion: 49 Resp: 2826
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 75.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 3.718 ug/l

RT: 7.859 min Scan# 1004

Delta R.T. 0.018 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

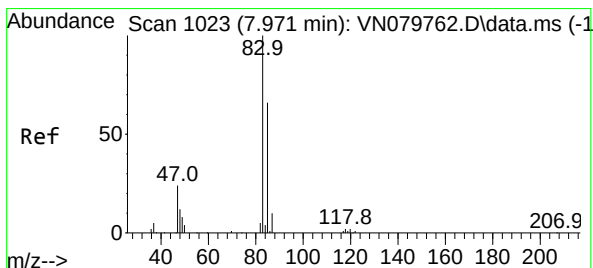
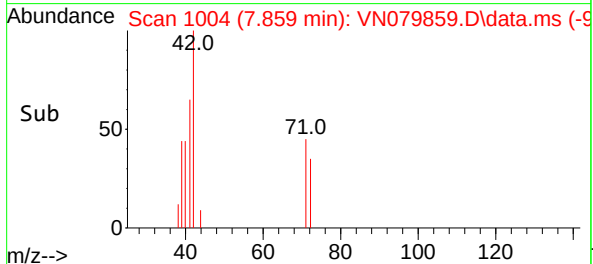
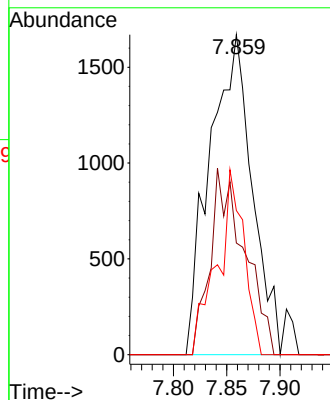
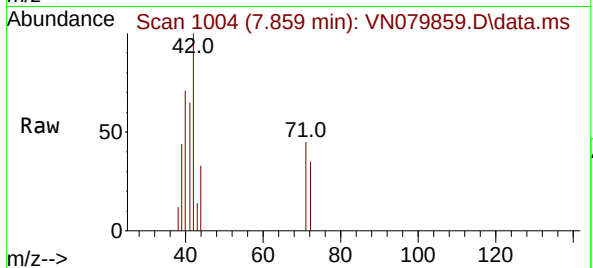
Tgt Ion: 42	Resp: 4618
Ion Ratio	Lower Upper
42	100
72	47.0 49.8 74.6
71	36.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 0.996 ug/l

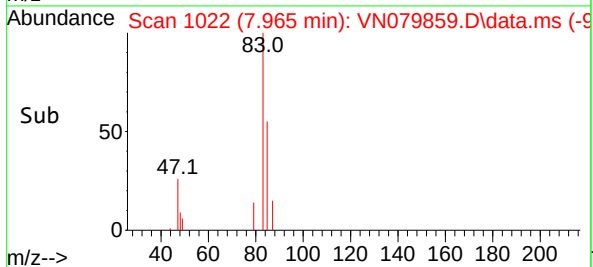
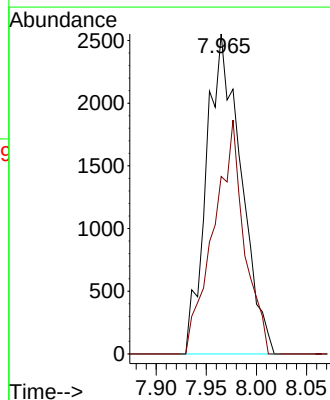
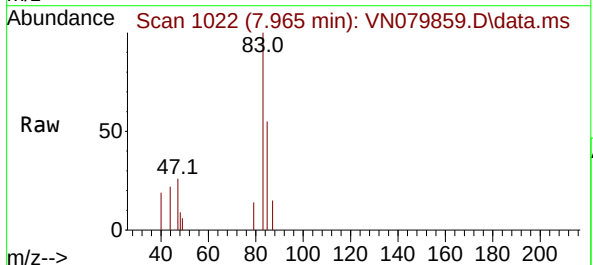
RT: 7.965 min Scan# 1022

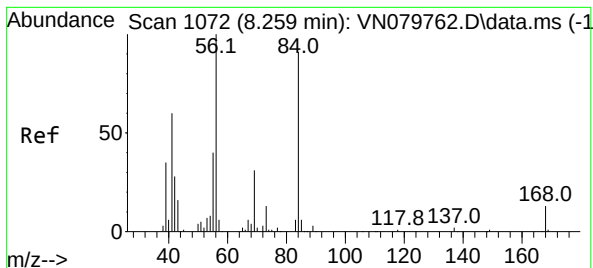
Delta R.T. -0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Tgt Ion: 83	Resp: 6122
Ion Ratio	Lower Upper
83	100
85	55.4 55.4 83.0





#31

Cyclohexane

Concen: 2.177 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.029 min

Lab File: VN079859.D

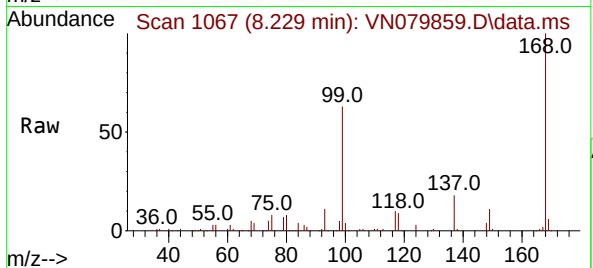
Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023



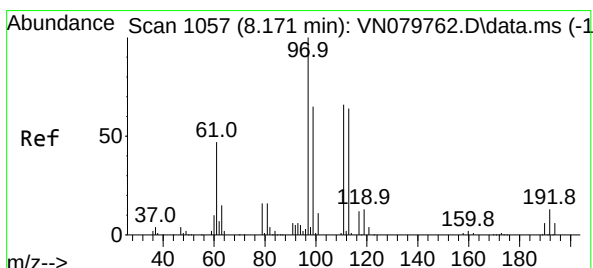
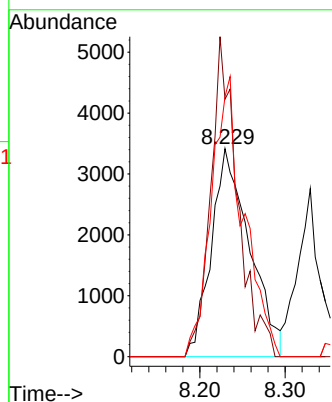
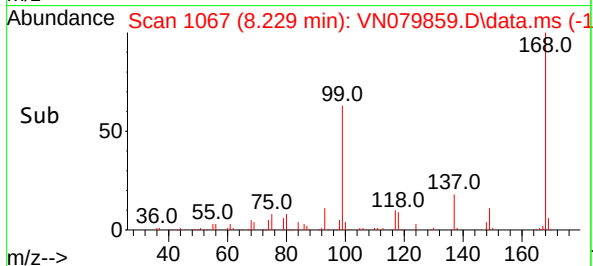
Tgt Ion:	56	Resp:	10679
Ion Ratio	100	Lower	Upper
56	100		
69	123.7	26.8	40.2
84	125.0	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#32

1,1,1-Trichloroethane

Concen: 0.899 ug/l

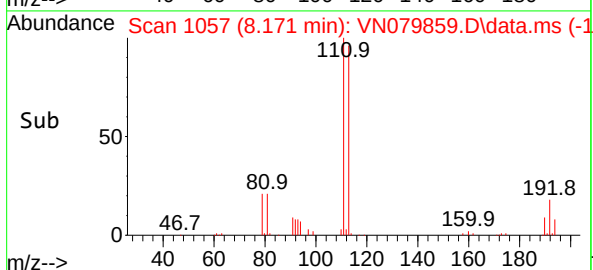
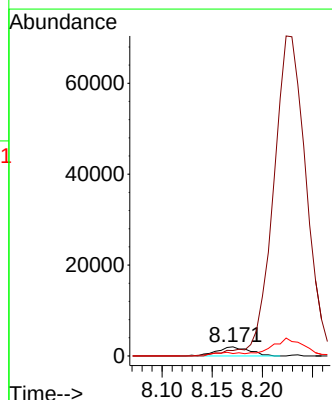
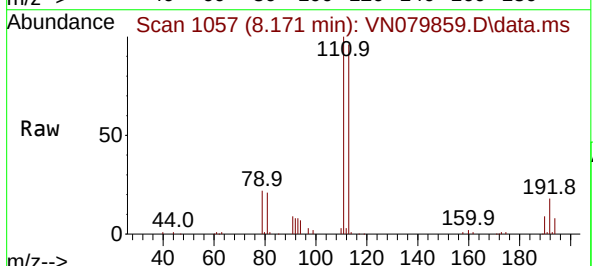
RT: 8.171 min Scan# 1057

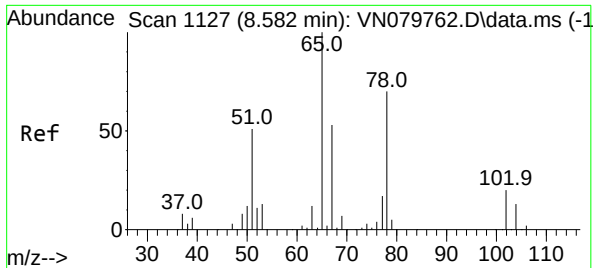
Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

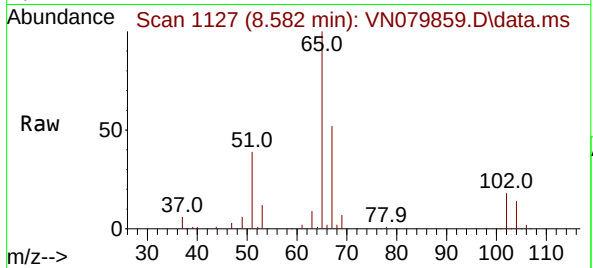
Tgt Ion:	97	Resp:	4501
Ion Ratio	100	Lower	Upper
97	100		
99	0.0	50.3	75.5
61	33.4	34.7	52.1





#33
1,2-Dichloroethane-d4
Concen: 64.735 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

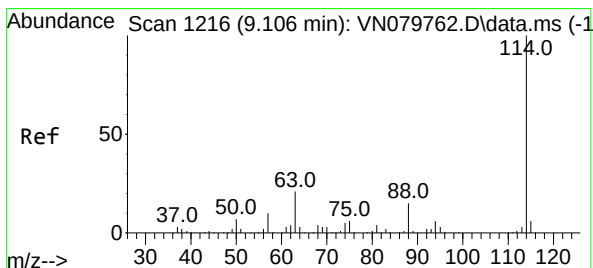
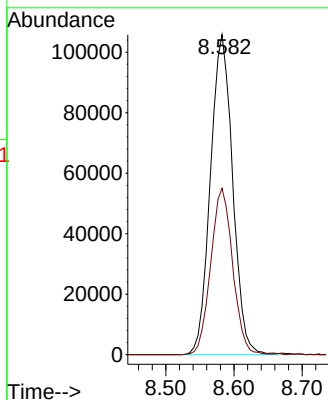
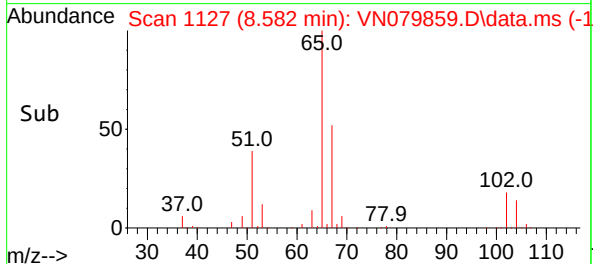
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



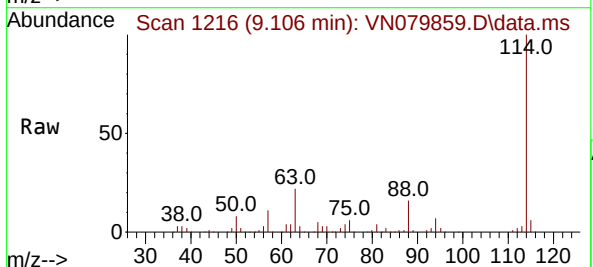
Tgt Ion: 65 Resp: 240259
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6

Manual Integrations
APPROVED

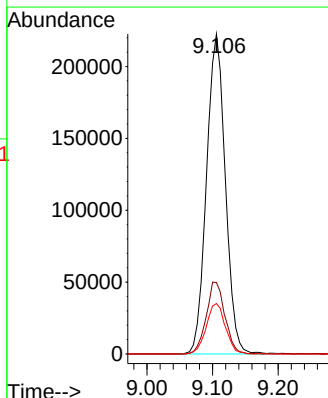
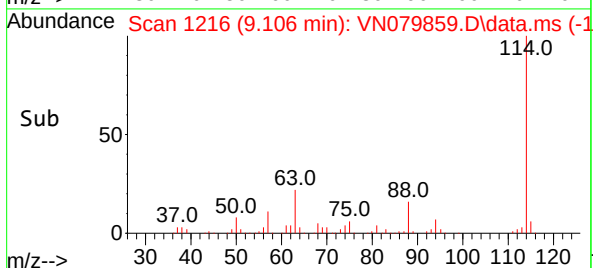
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

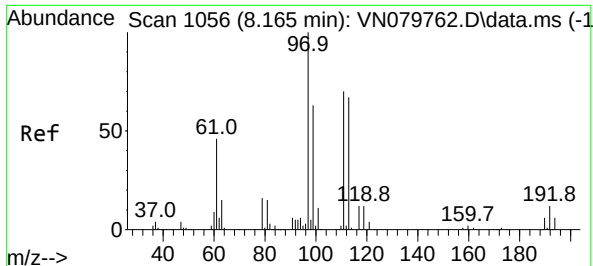


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14



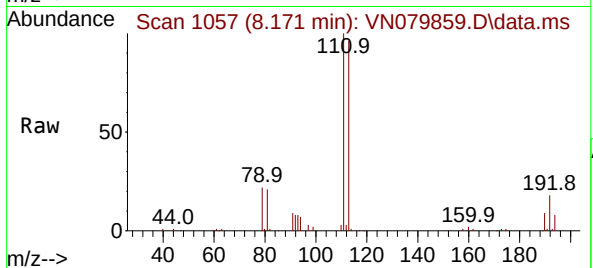
Tgt Ion:114 Resp: 444624
Ion Ratio Lower Upper
114 100
63 22.3 0.0 36.4
88 15.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 56.972 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

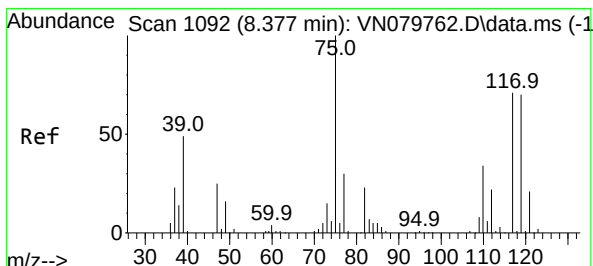
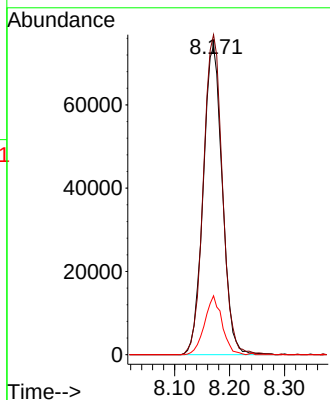
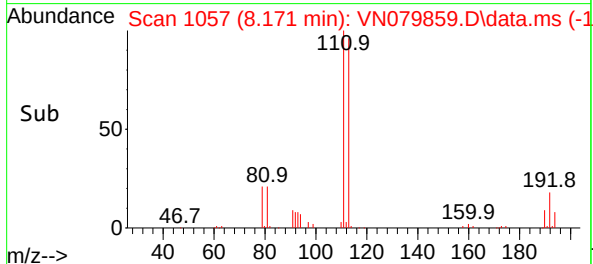
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 113 Resp: 179284
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 17.4 12.7 19.1

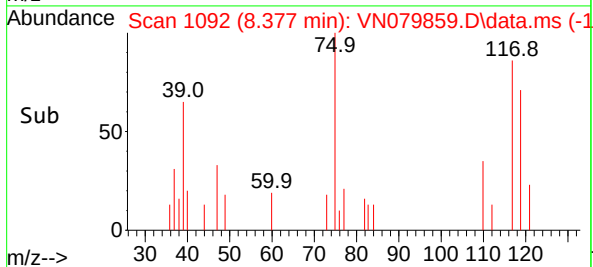
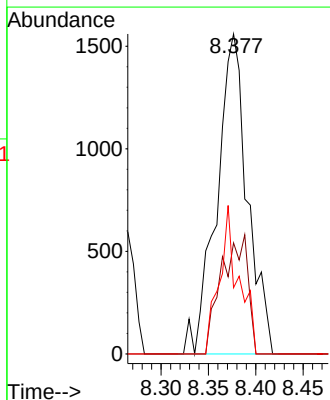
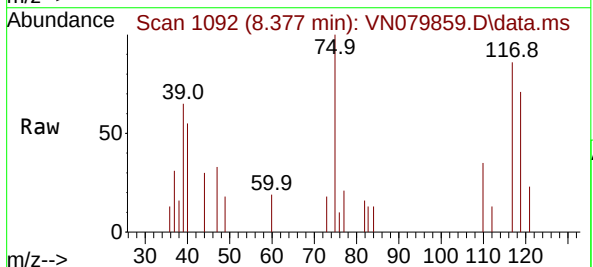
Manual Integrations
APPROVED

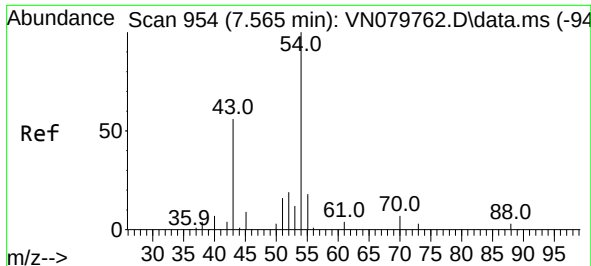
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#36
1,1-Dichloropropene
Concen: 0.783 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

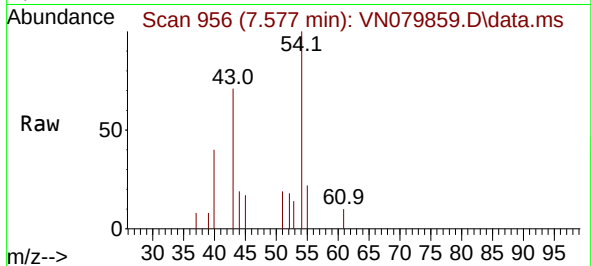
Tgt Ion: 75 Resp: 3520
Ion Ratio Lower Upper
75 100
110 31.9 19.1 57.3
77 29.4 25.0 37.4





#37
Ethyl Acetate
Concen: 0.893 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

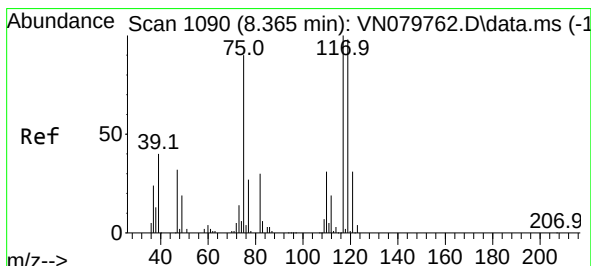
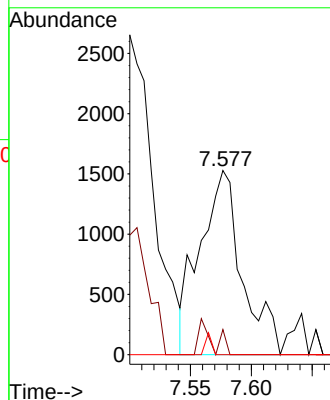
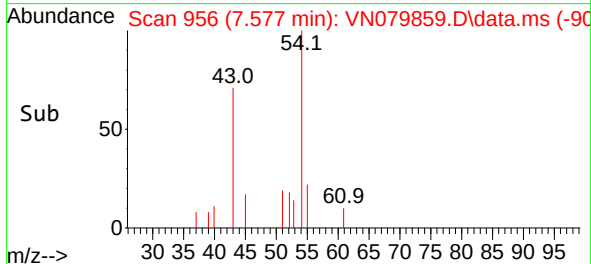
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 43 Resp: 368
Ion Ratio Lower Upper
43 100
61 4.3 13.2 19.8
70 1.7 11.3 16.9

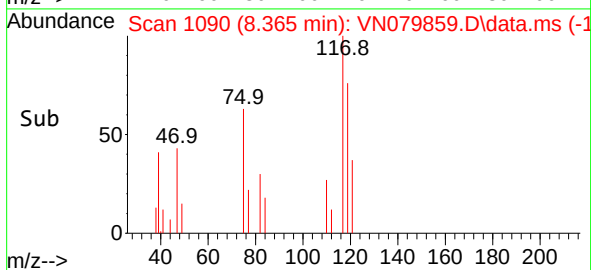
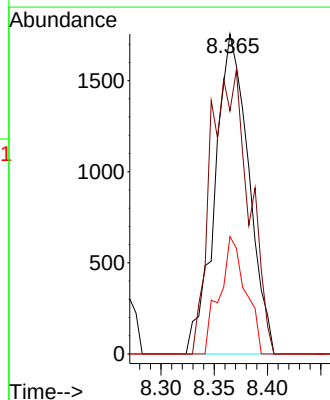
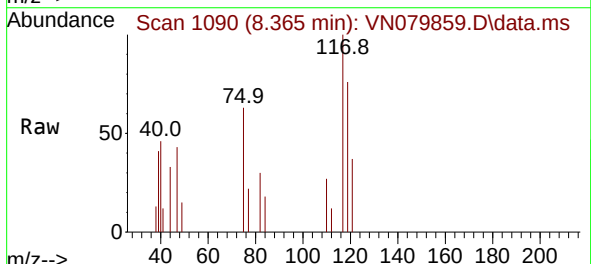
Manual Integrations
APPROVED

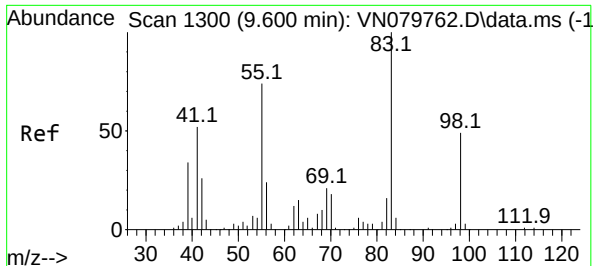
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#38
Carbon Tetrachloride
Concen: 0.852 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:117 Resp: 3858
Ion Ratio Lower Upper
117 100
119 76.0 77.3 115.9#
121 36.6 23.3 34.9#





#39

Methylcyclohexane

Concen: 0.671 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

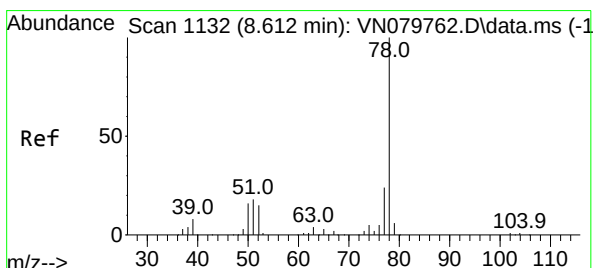
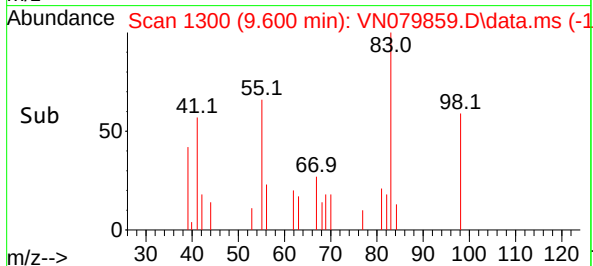
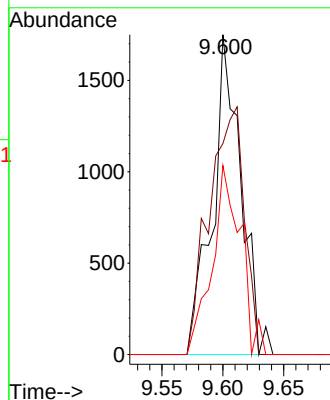
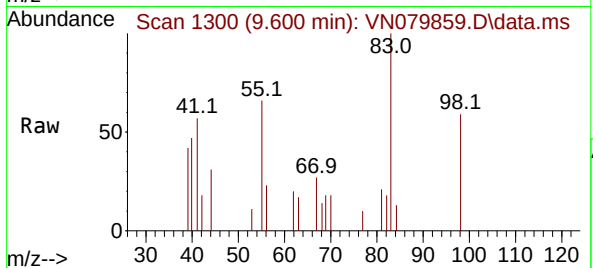
Tgt Ion: 83	Resp: 283
Ion Ratio	Lower Upper
83	100
55	66.0 49.1 73.7
98	59.1 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#40

Benzene

Concen: 0.861 ug/l

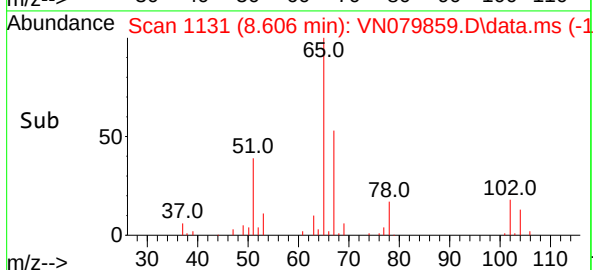
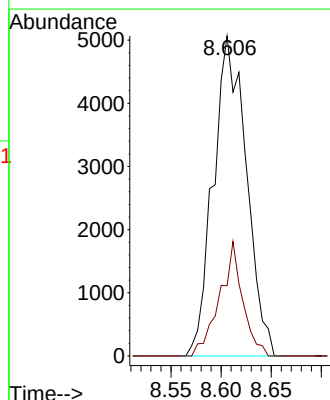
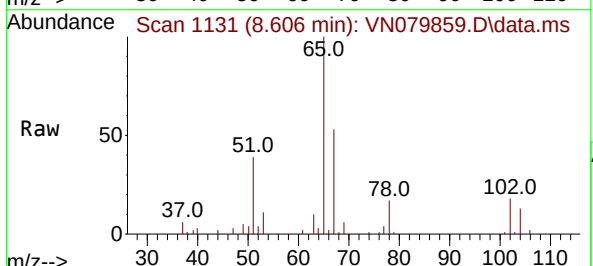
RT: 8.606 min Scan# 1131

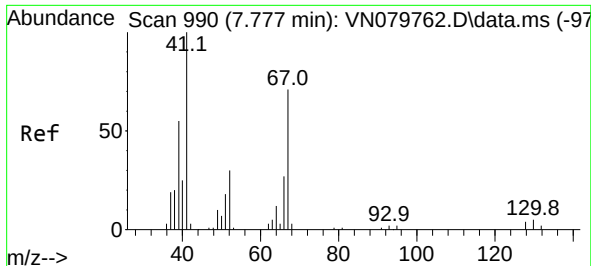
Delta R.T. -0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

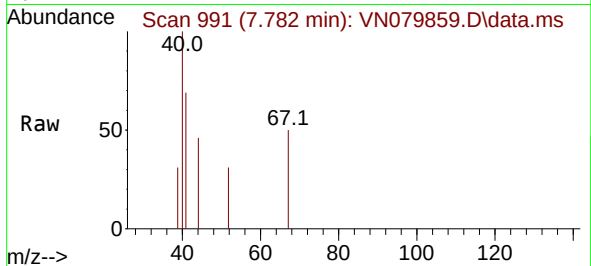
Tgt Ion: 78	Resp: 11582
Ion Ratio	Lower Upper
78	100
77	22.0 19.0 28.6





#41
Methacrylonitrile
Concen: 0.638 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

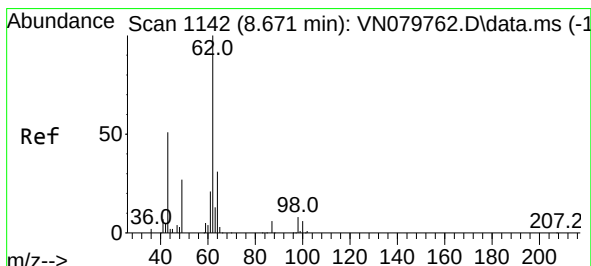
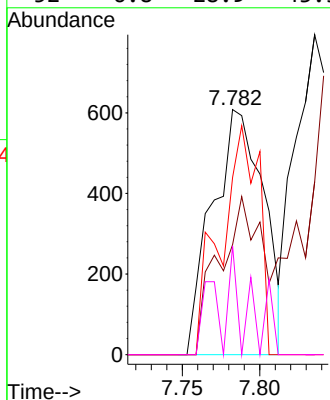
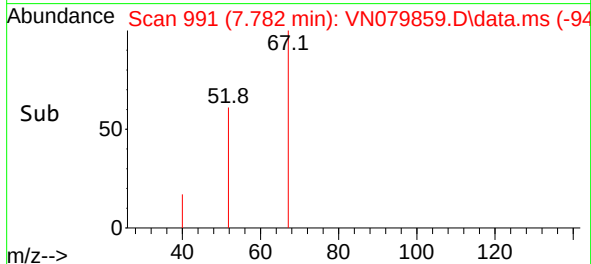
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 41 Resp: 139
Ion Ratio Lower Upper
41 100
39 53.4 42.6 64.0
67 69.1 77.5 116.3
52 6.8 28.9 43.3#

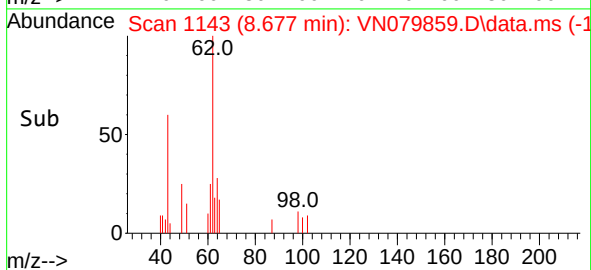
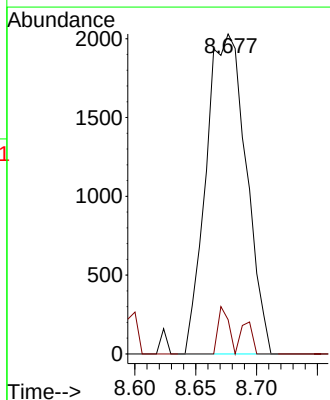
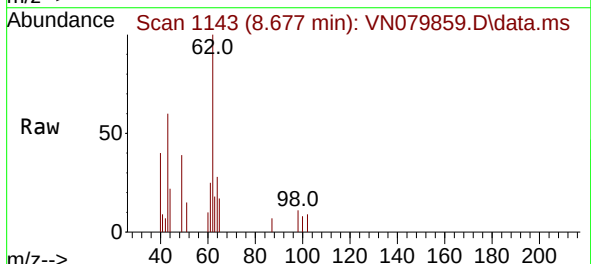
Manual Integrations
APPROVED

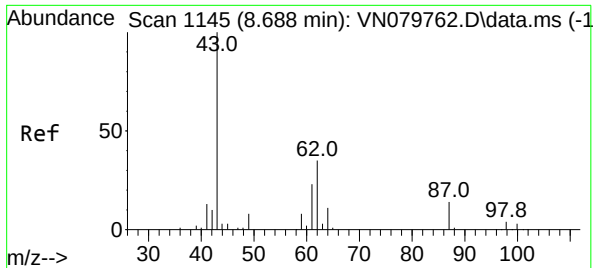
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#42
1,2-Dichloroethane
Concen: 0.986 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 62 Resp: 4633
Ion Ratio Lower Upper
62 100
98 3.9 0.0 19.8





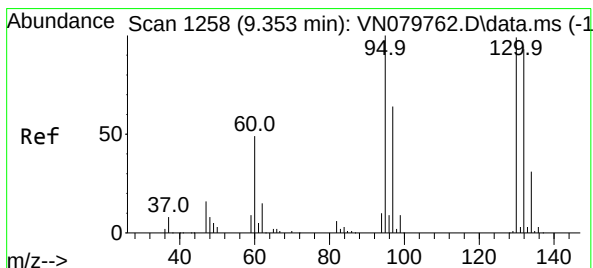
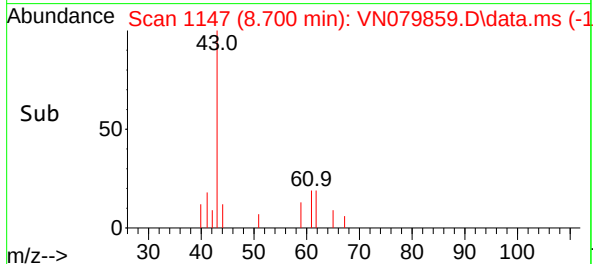
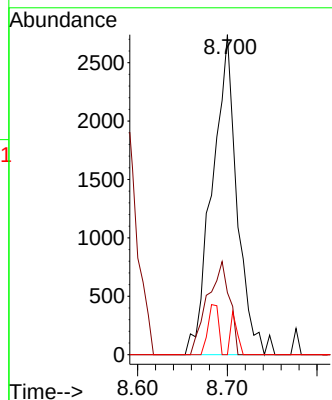
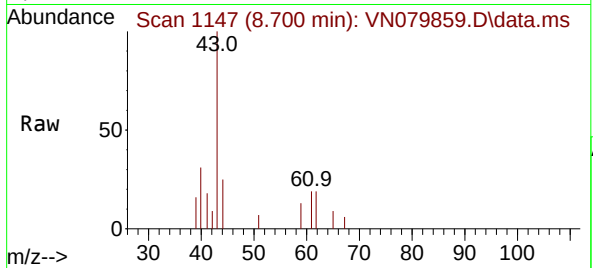
#43
Isopropyl Acetate
Concen: 0.729 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 43 Resp: 526
Ion Ratio Lower Upper
43 100
61 25.8 24.7 37.1
87 3.6 14.6 21.8

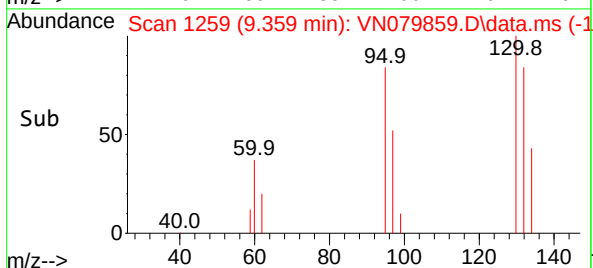
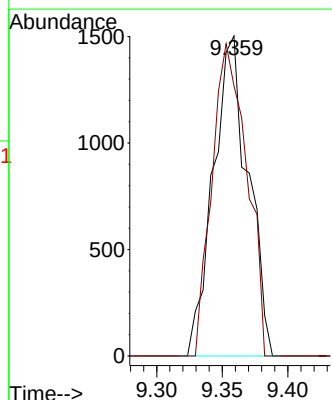
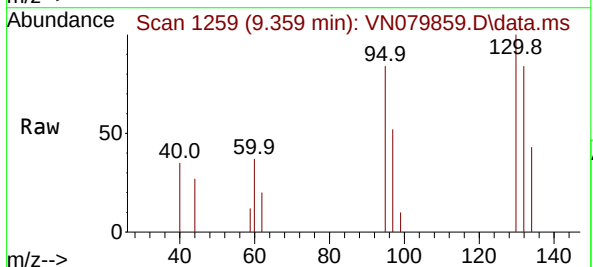
Manual Integrations
APPROVED

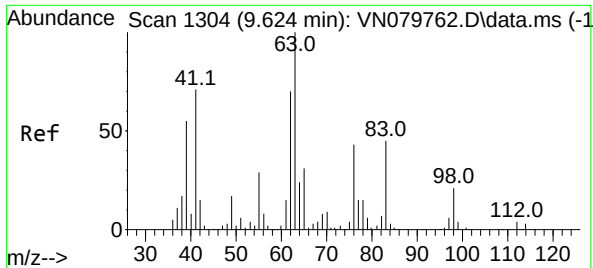
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#44
Trichloroethene
Concen: 0.833 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:130 Resp: 2782
Ion Ratio Lower Upper
130 100
95 84.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 0.891 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

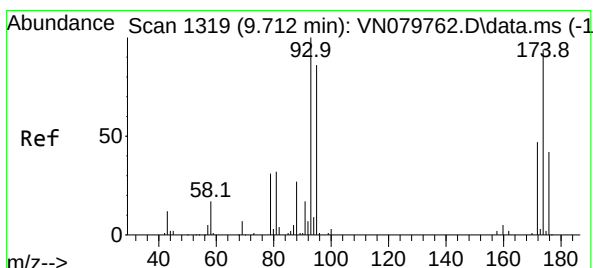
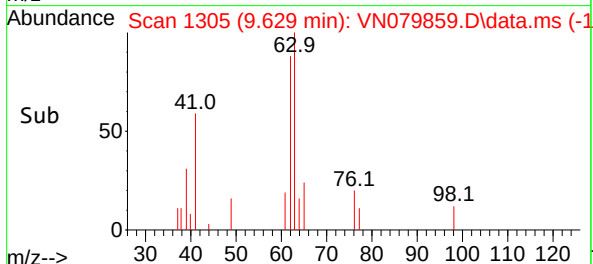
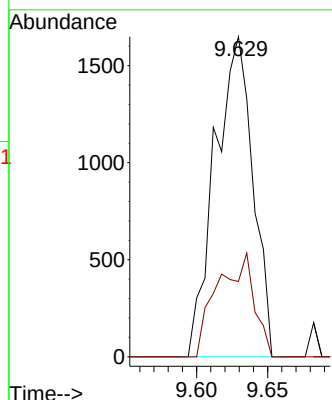
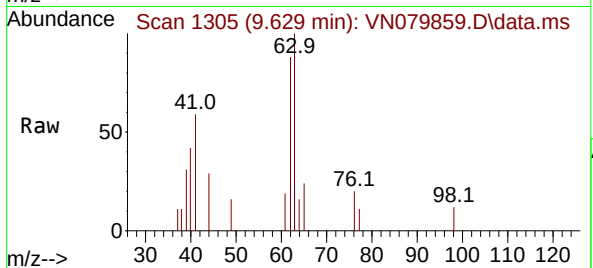
Tgt Ion: 63 Resp: 3060
 Ion Ratio Lower Upper
 63 100
 65 23.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#46

Dibromomethane

Concen: 0.946 ug/l

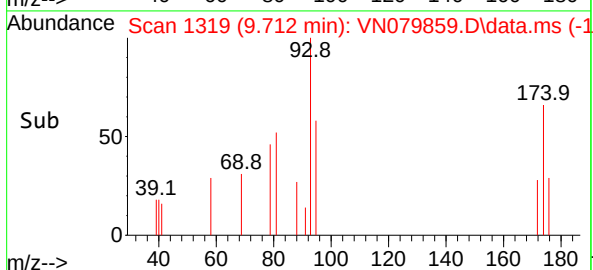
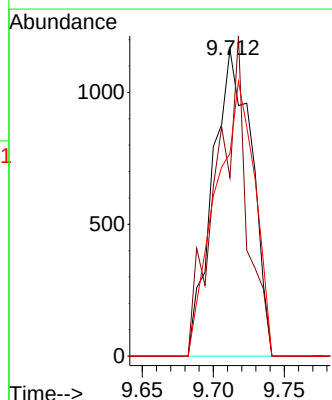
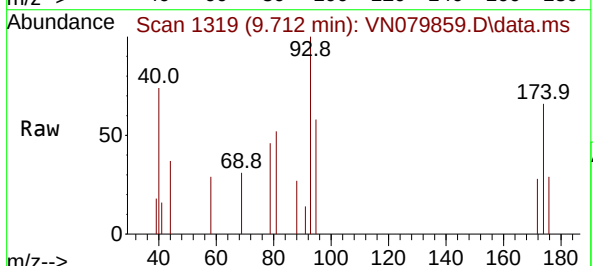
RT: 9.712 min Scan# 1319

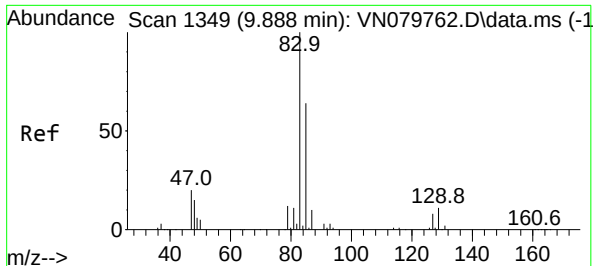
Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Tgt Ion: 93 Resp: 2222
 Ion Ratio Lower Upper
 93 100
 95 80.5 63.8 95.8
 174 89.4 65.6 98.4





#47

Bromodichloromethane

Concen: 0.907 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

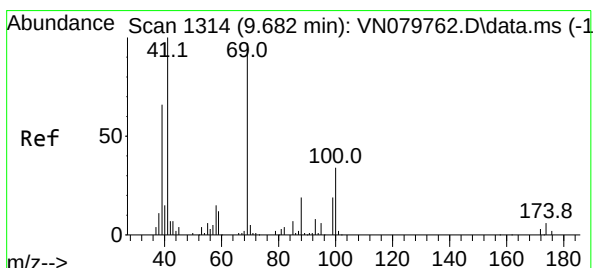
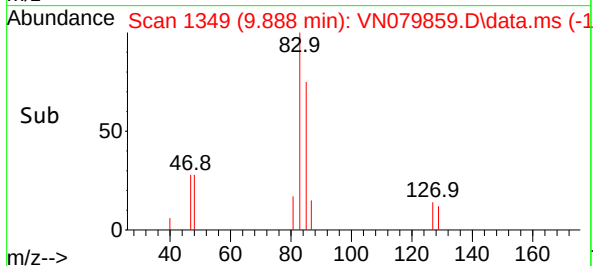
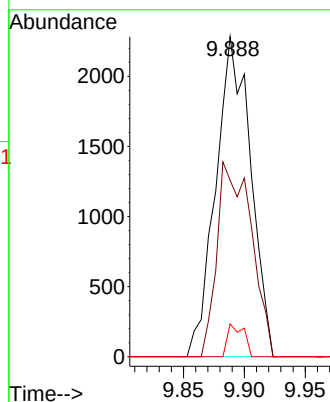
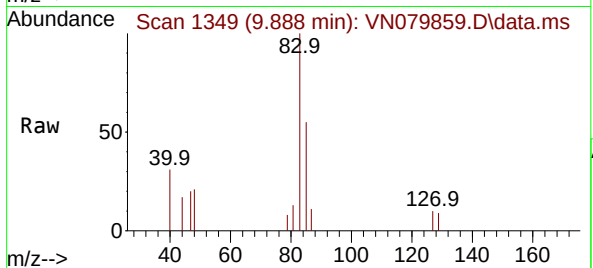
Tgt Ion: 83	Resp: 454
Ion Ratio	Lower Upper
83 100	
85 55.1	49.6 74.4
127 10.3	7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#48

Methyl methacrylate

Concen: 0.777 ug/l

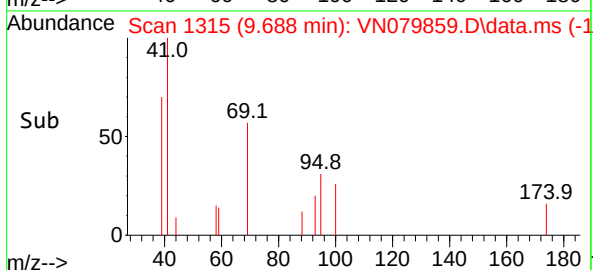
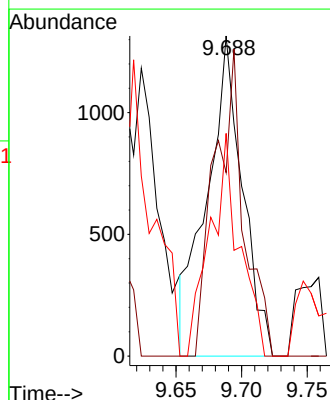
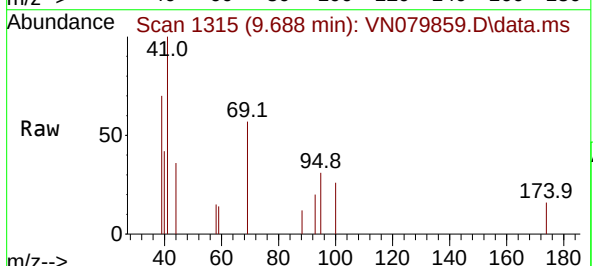
RT: 9.688 min Scan# 1315

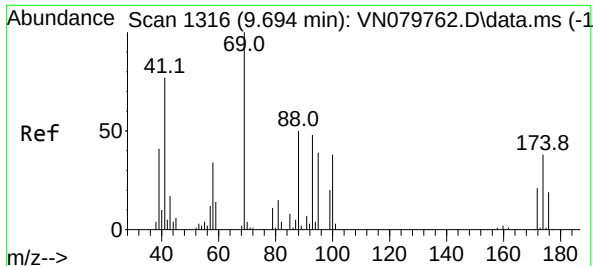
Delta R.T. 0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

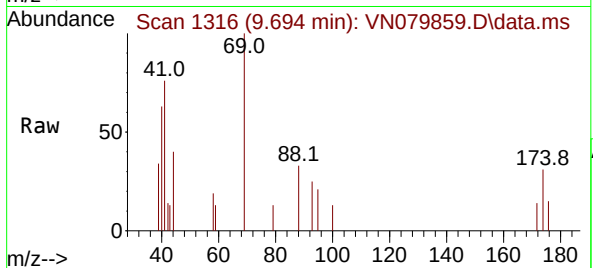
Tgt Ion: 41	Resp: 2461
Ion Ratio	Lower Upper
41 100	
69 79.4	90.4 135.6
39 57.7	54.6 81.8





#49
1,4-Dioxane
Concen: 10.602 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

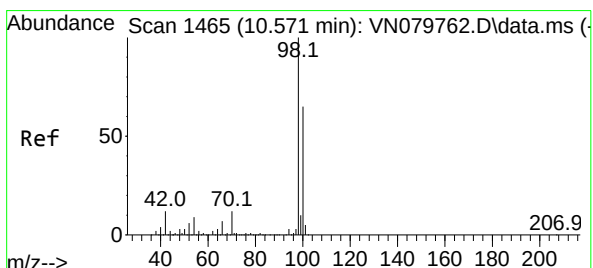
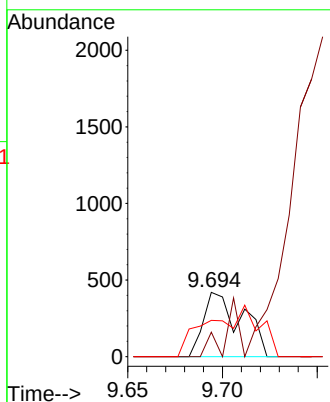
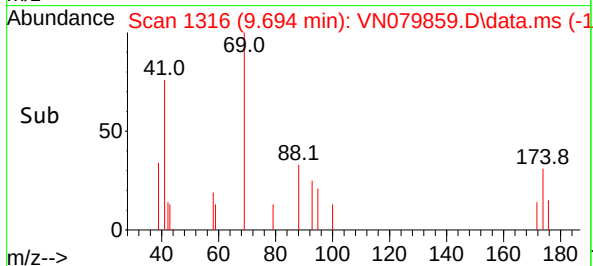
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 88 Resp: 59
Ion Ratio Lower Upper
88 100
43 32.4 17.0 25.6
58 105.6 47.0 70.4

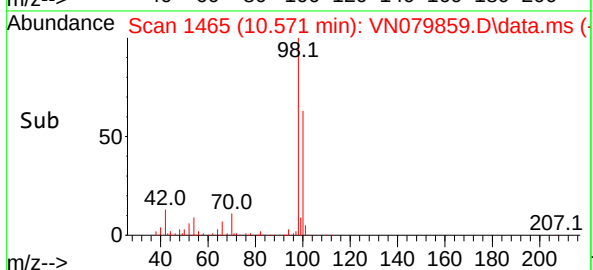
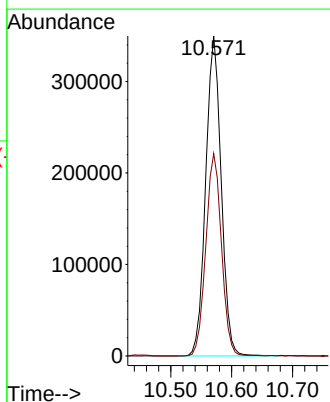
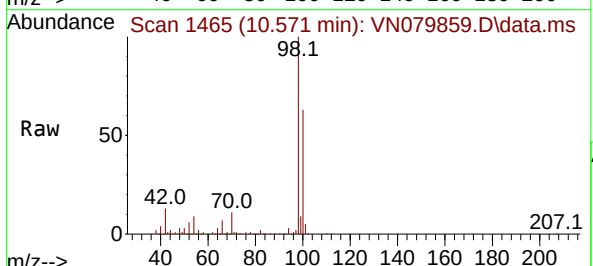
Manual Integrations
APPROVED

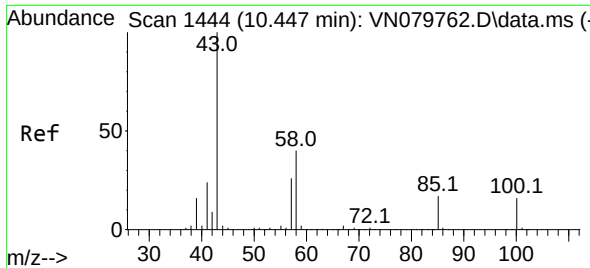
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#50
Toluene-d8
Concen: 53.407 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

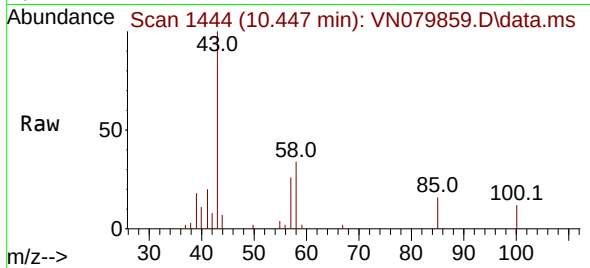
Tgt Ion: 98 Resp: 618712
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 3.667 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

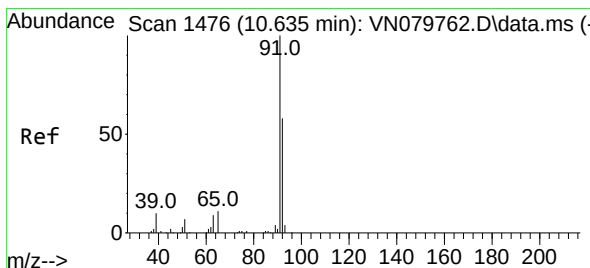
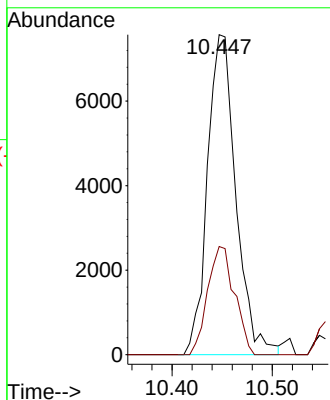
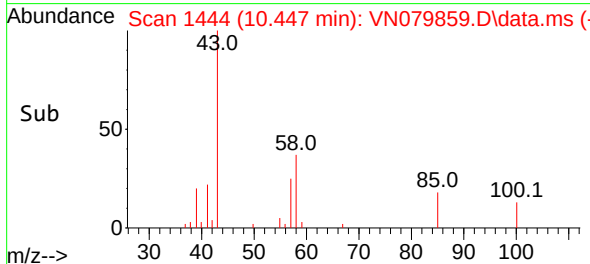
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



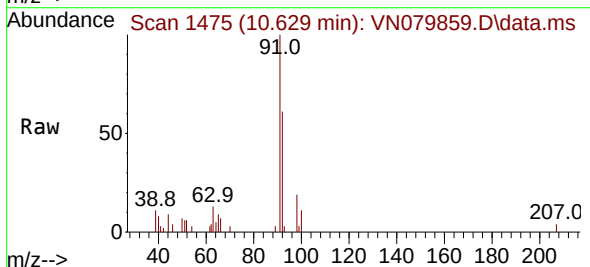
Tgt Ion: 43 Resp: 14918
Ion Ratio Lower Upper
43 100
58 31.9 36.6 54.8

Manual Integrations
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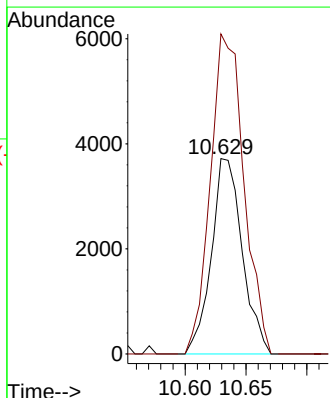
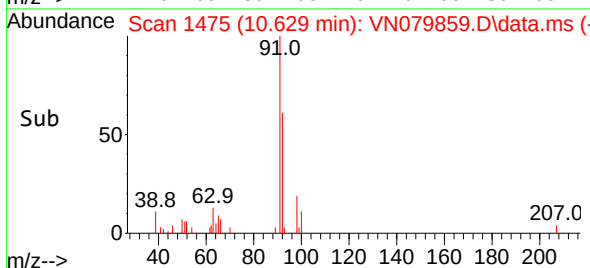
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

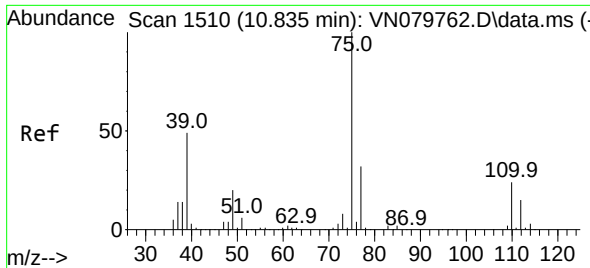


#52
Toluene
Concen: 0.821 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14



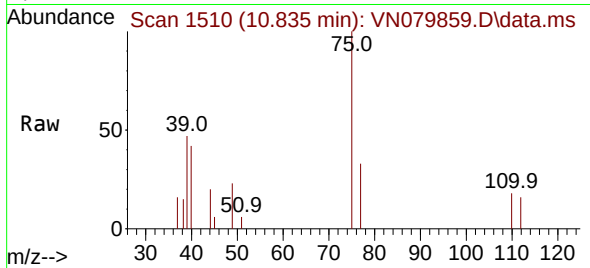
Tgt Ion: 92 Resp: 6550
Ion Ratio Lower Upper
92 100
91 178.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 0.715 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

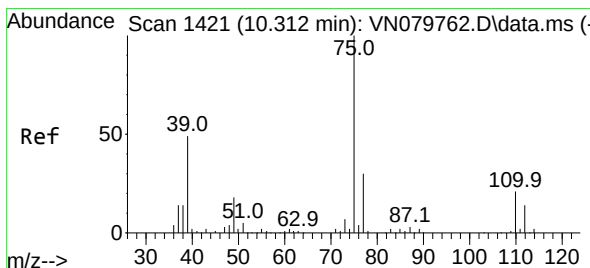
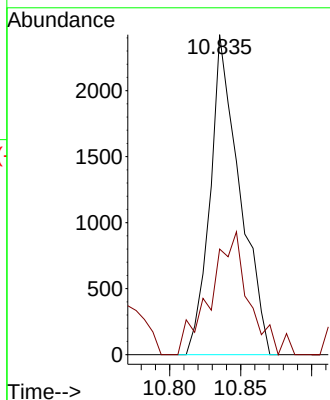
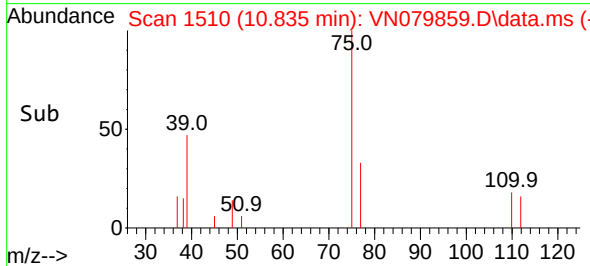
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2023



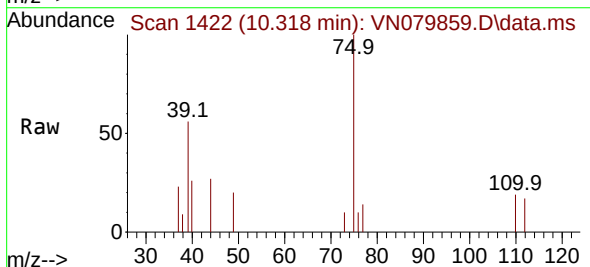
Tgt Ion: 75 Resp: 3509
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0

Manual Integrations
APPROVED

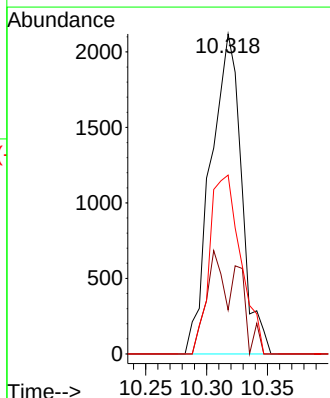
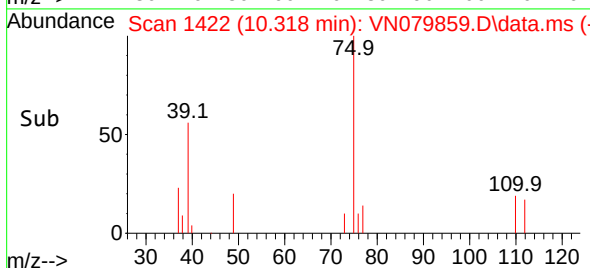
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

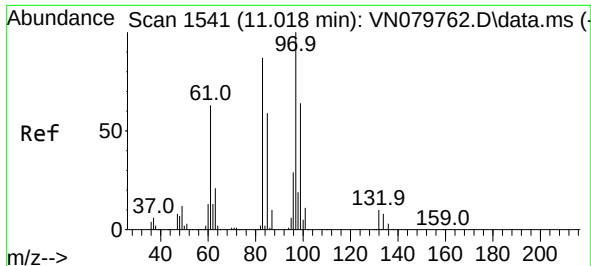


#54
cis-1,3-Dichloropropene
Concen: 0.696 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14



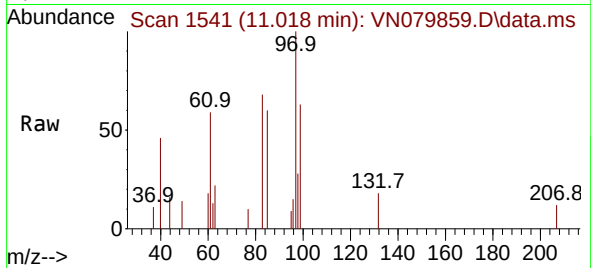
Tgt Ion: 75 Resp: 3725
Ion Ratio Lower Upper
75 100
77 13.7 26.1 39.1#
39 55.9 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 0.880 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

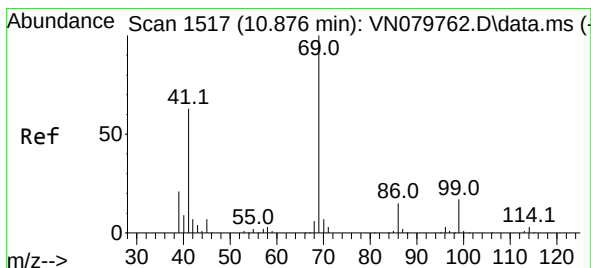
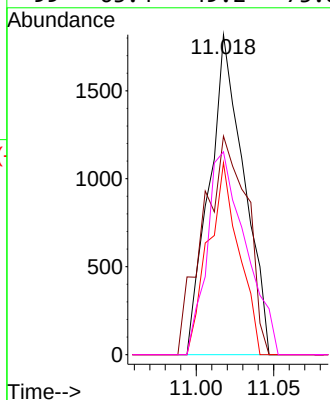
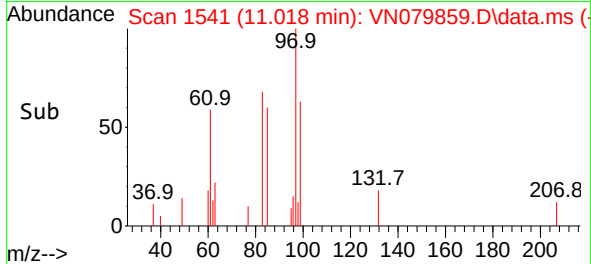
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	68.3	65.1	97.7
85	59.9	43.4	65.2
99	63.4	49.2	73.8

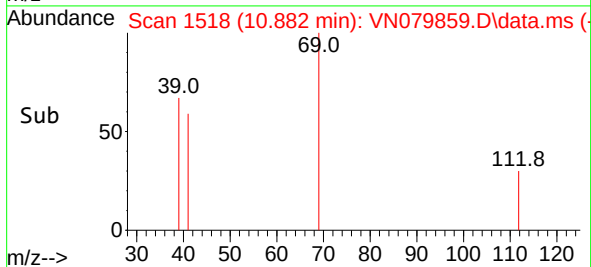
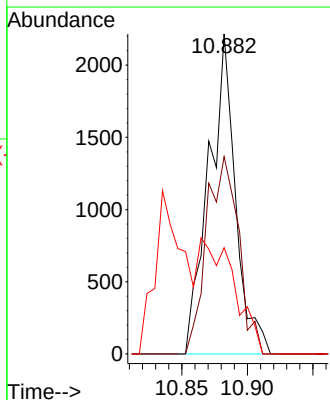
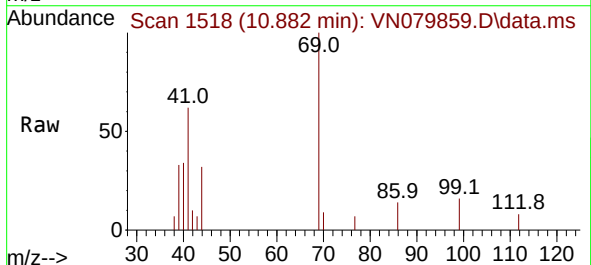
Manual Integrations
APPROVED

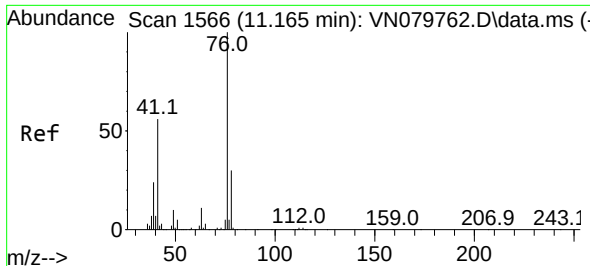
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#56
Ethyl methacrylate
Concen: 0.688 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

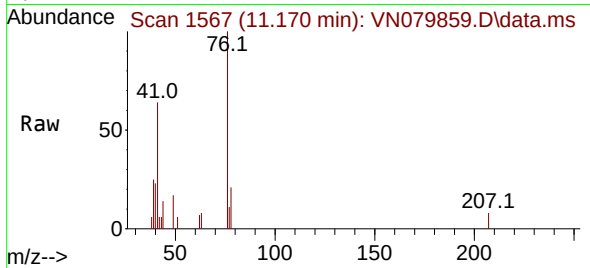
Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.6	39.6	59.4#
39	47.7	28.6	43.0#





#57
1,3-Dichloropropane
Concen: 0.862 ug/l
RT: 11.170 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

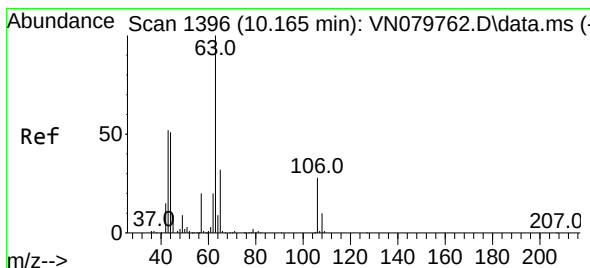
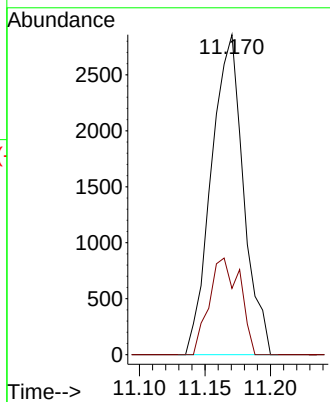
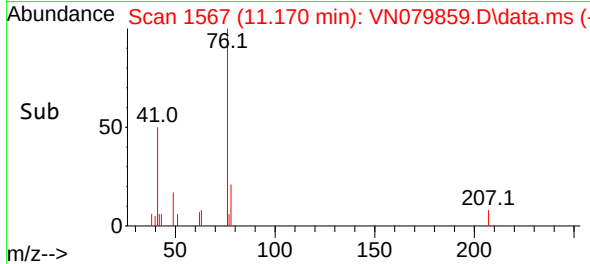
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 76 Resp: 4878
Ion Ratio Lower Upper
76 100
78 28.9 26.1 39.1

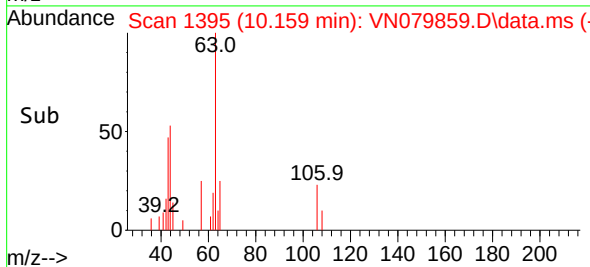
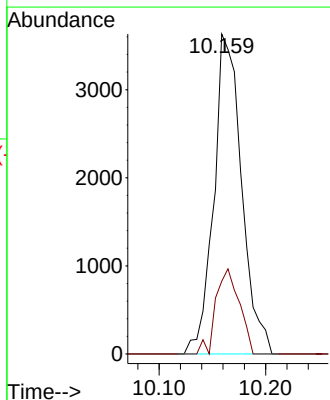
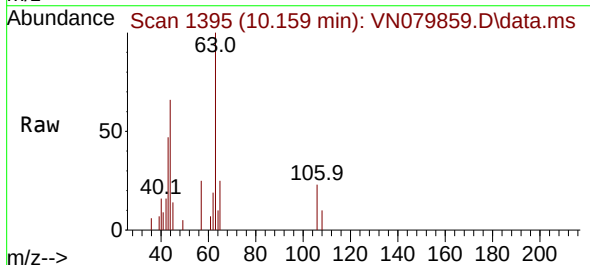
Manual Integrations
APPROVED

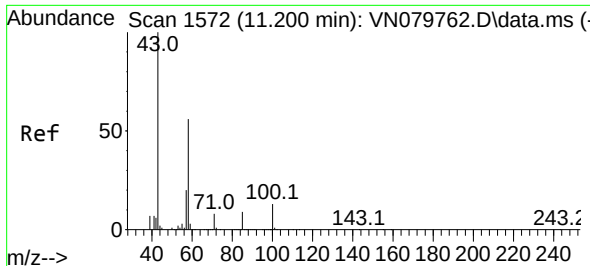
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#58
2-Chloroethyl Vinyl ether
Concen: 2.839 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

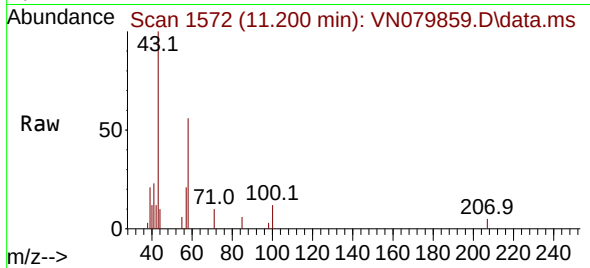
Tgt Ion: 63 Resp: 6586
Ion Ratio Lower Upper
63 100
106 22.4 26.2 39.4#





#59
2-Hexanone
Concen: 3.117 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

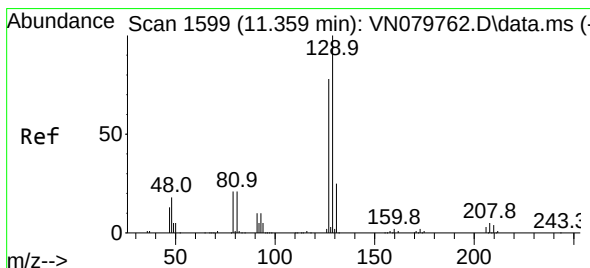
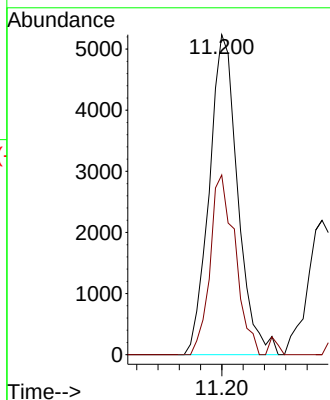
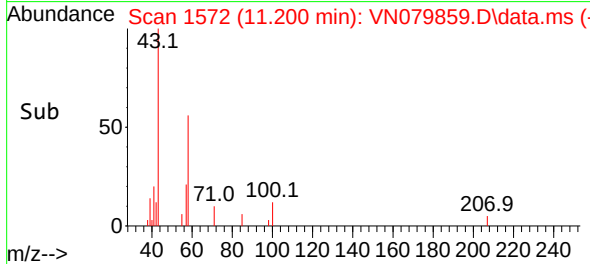
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 49.5 31.7 95.1

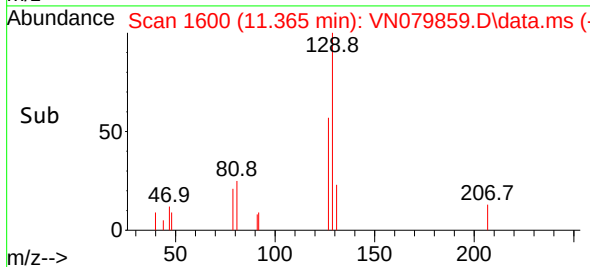
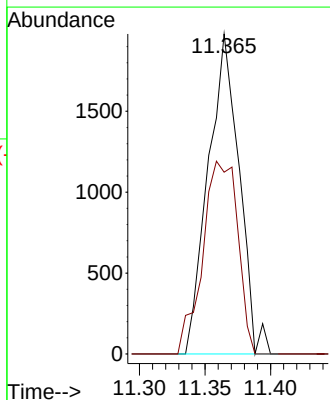
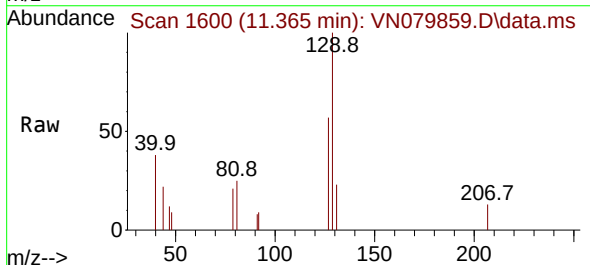
Manual Integrations
APPROVED

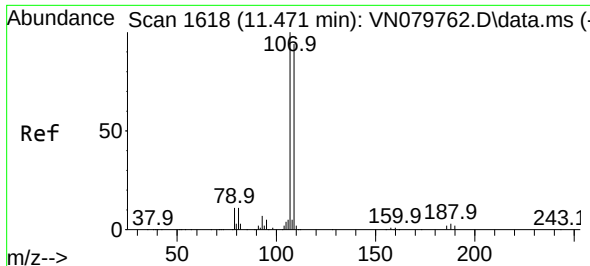
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#60
Dibromochloromethane
Concen: 0.946 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

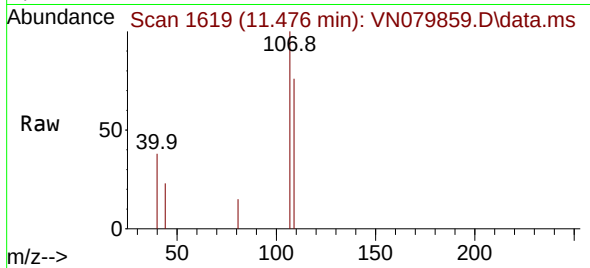
Tgt Ion:129 Resp: 3248
Ion Ratio Lower Upper
129 100
127 68.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 0.829 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

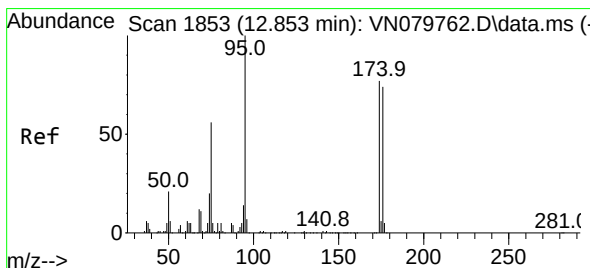
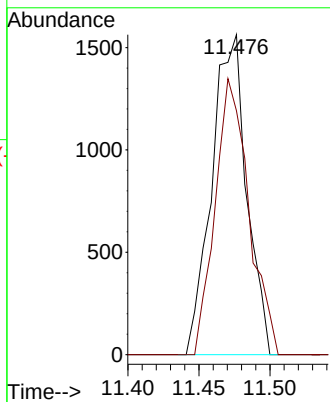
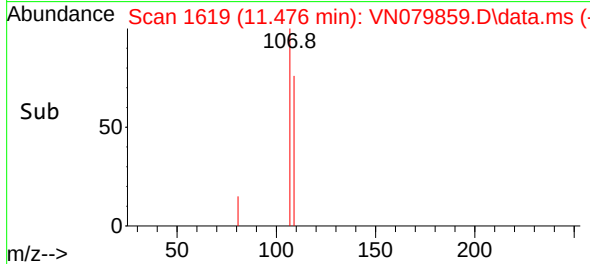
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:107 Resp: 267
Ion Ratio Lower Upper
107 100
109 83.3 76.6 114.8

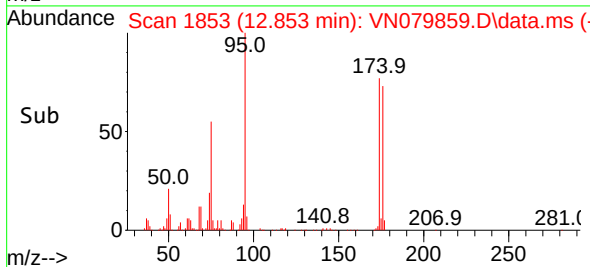
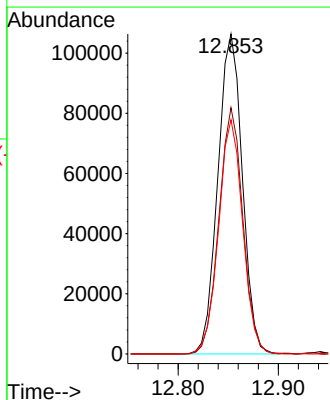
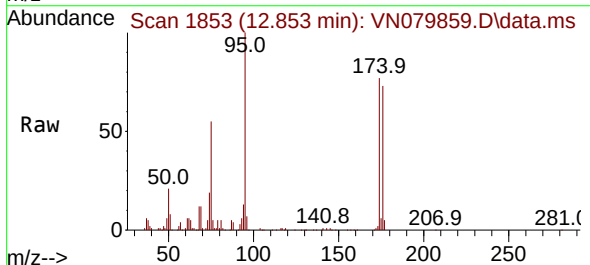
Manual Integrations
APPROVED

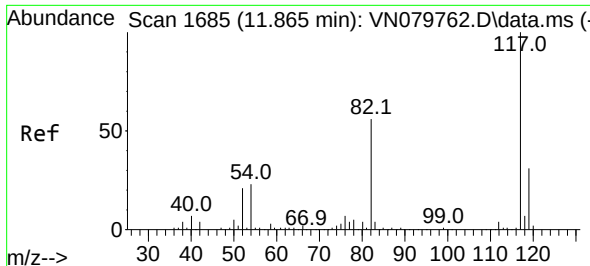
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#62
4-Bromofluorobenzene
Concen: 46.829 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

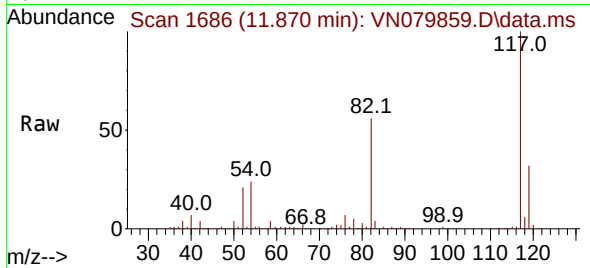
Tgt Ion: 95 Resp: 179920
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 72.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

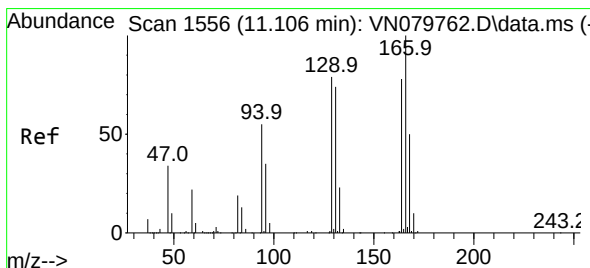
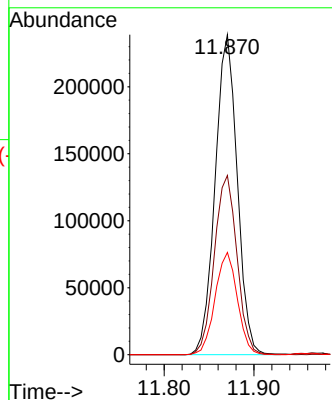
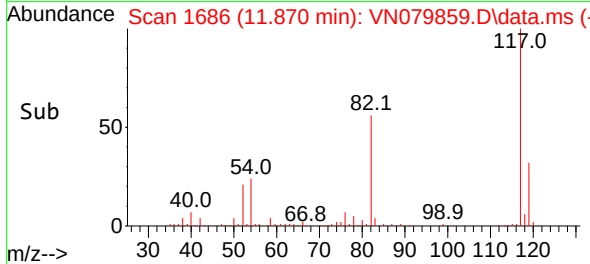
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:117 Resp: 40896
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 32.0 25.6 38.4

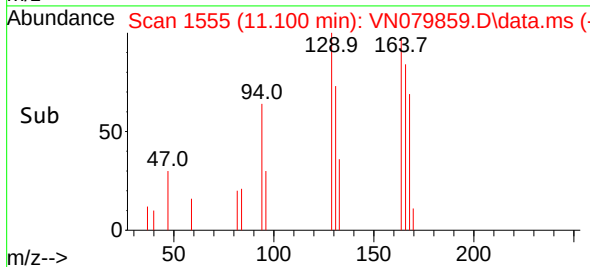
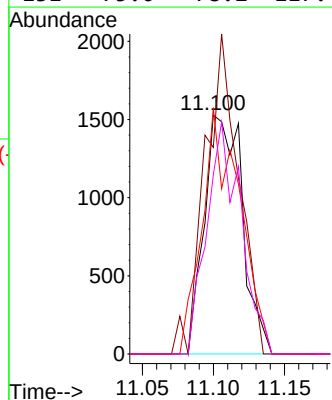
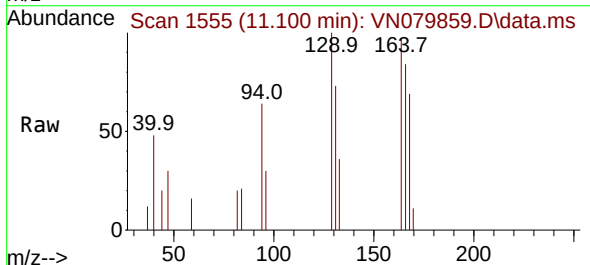
Manual Integrations
APPROVED

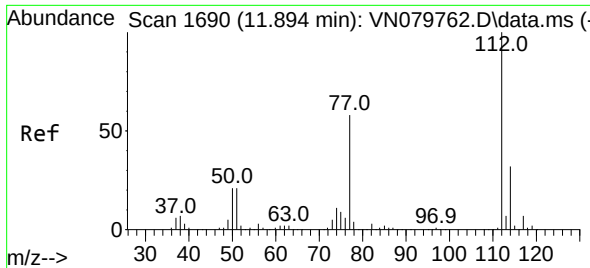
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#64
Tetrachloroethene
Concen: 1.068 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

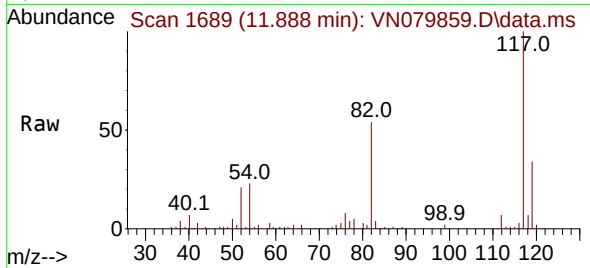
Tgt Ion:164 Resp: 2830
Ion Ratio Lower Upper
164 100
166 86.5 101.4 152.0#
129 103.1 82.4 123.6
131 75.0 78.2 117.4#





#65
Chlorobenzene
Concen: 0.720 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

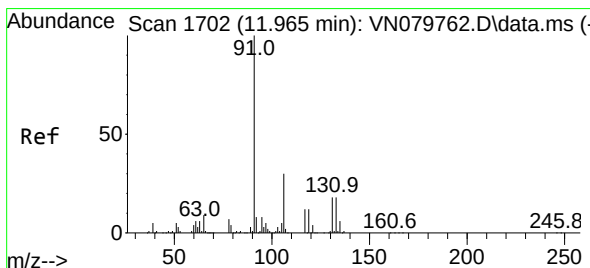
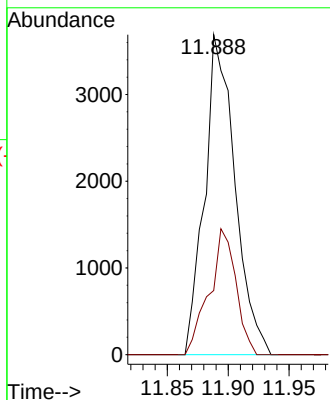
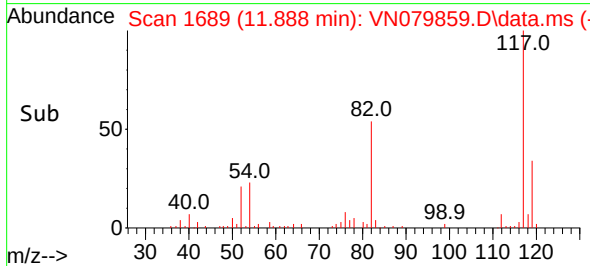
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



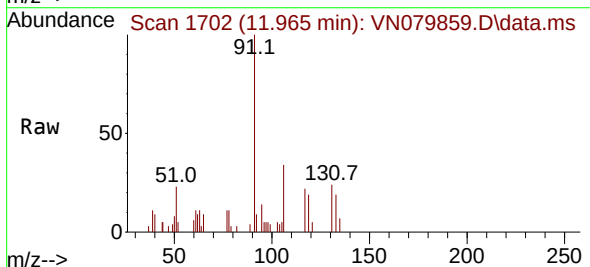
Tgt Ion:112 Resp: 638
Ion Ratio Lower Upper
112 100
114 20.0 25.0 37.4

Manual Integrations
APPROVED

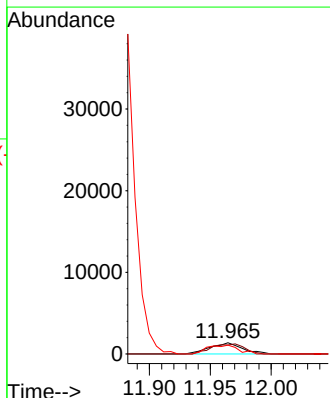
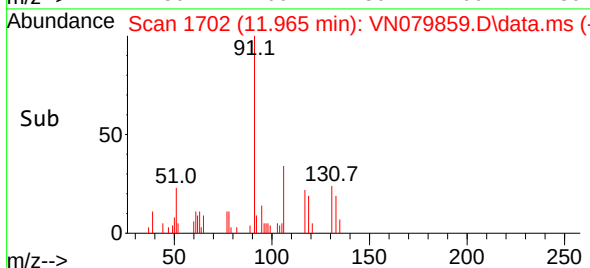
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

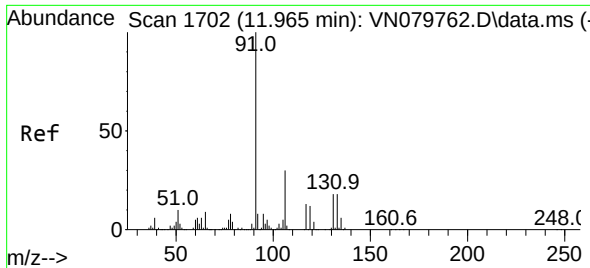


#66
1,1,1,2-Tetrachloroethane
Concen: 0.787 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14



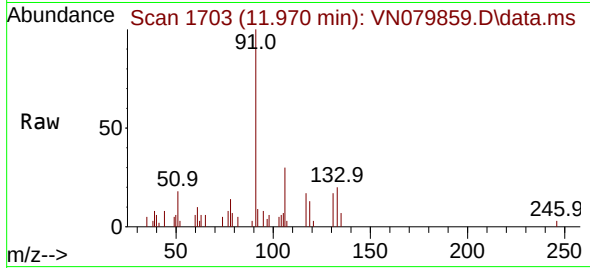
Tgt Ion:131 Resp: 2514
Ion Ratio Lower Upper
131 100
133 93.5 46.4 139.1
119 0.0 34.1 102.2





#67
Ethyl Benzene
Concen: 0.696 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

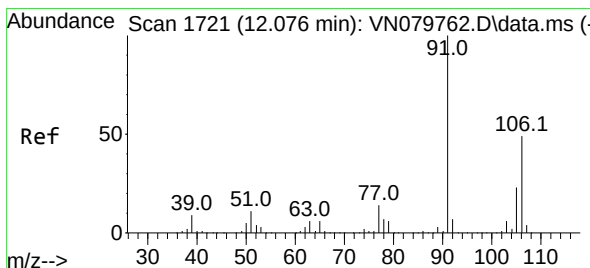
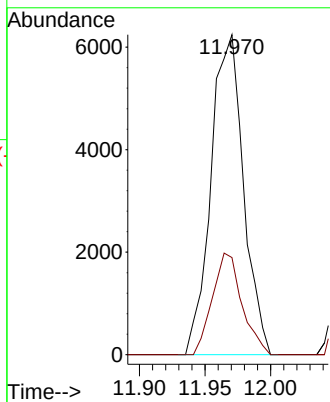
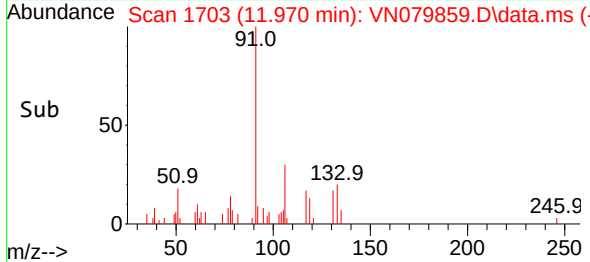
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 91 Resp: 10762
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

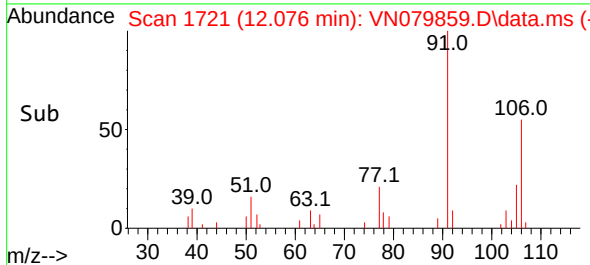
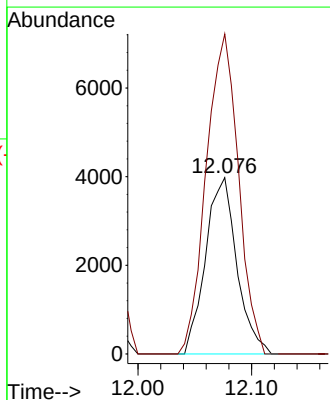
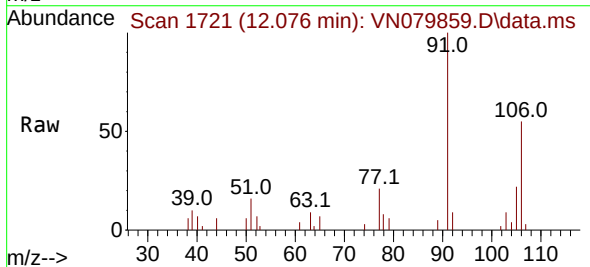
Manual Integrations
APPROVED

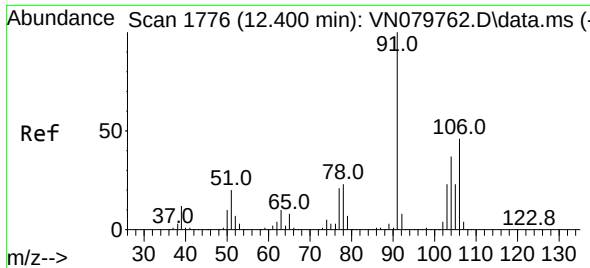
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#68
m/p-Xylenes
Concen: 1.323 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:106 Resp: 7615
Ion Ratio Lower Upper
106 100
91 186.7 159.6 239.4





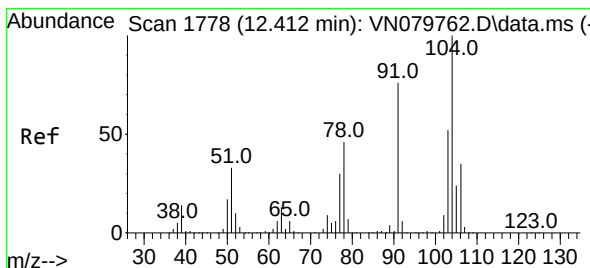
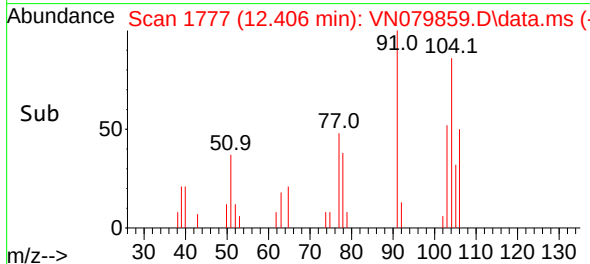
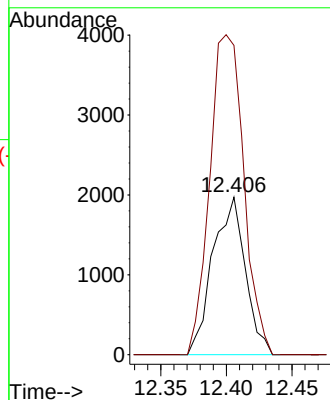
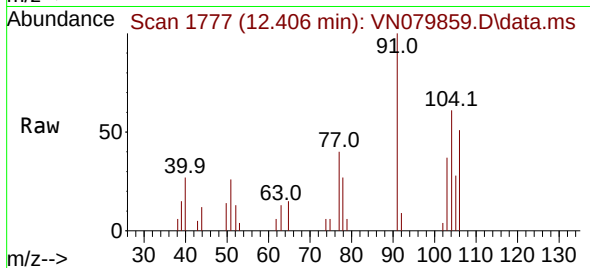
#69
o-Xylene
Concen: 0.613 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion:106 Resp: 3399
Ion Ratio Lower Upper
106 100
91 213.1 105.2 315.5

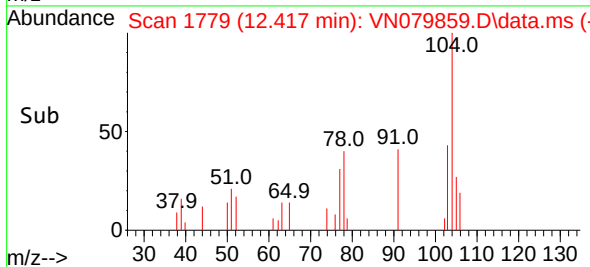
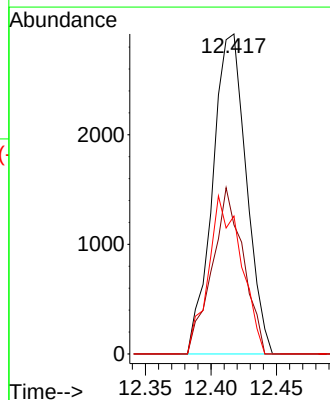
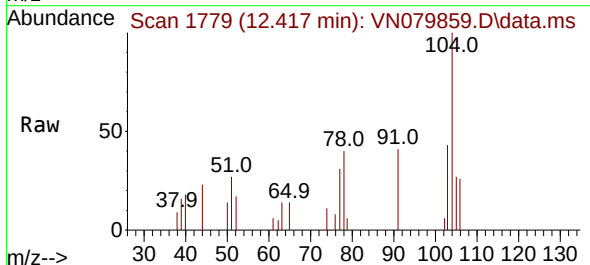
Manual Integrations
APPROVED

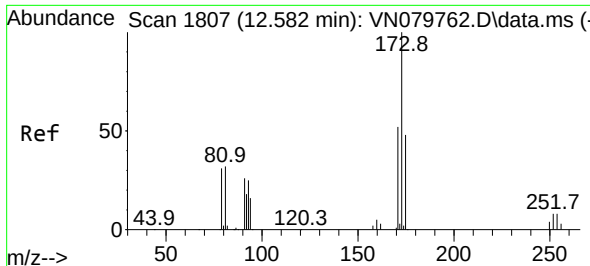
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#70
Styrene
Concen: 0.585 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

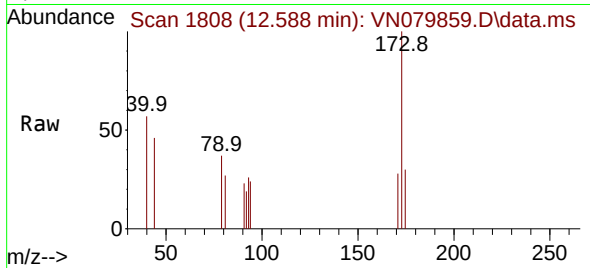
Tgt Ion:104 Resp: 5214
Ion Ratio Lower Upper
104 100
78 48.1 39.5 59.3
103 48.0 43.2 64.8





#71
Bromoform
Concen: 0.716 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

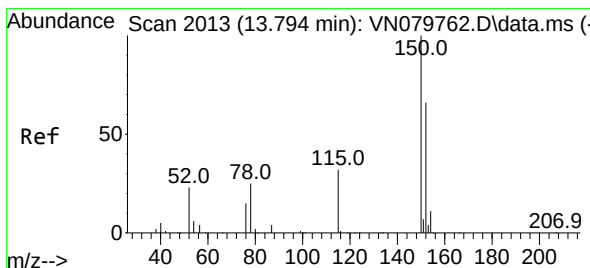
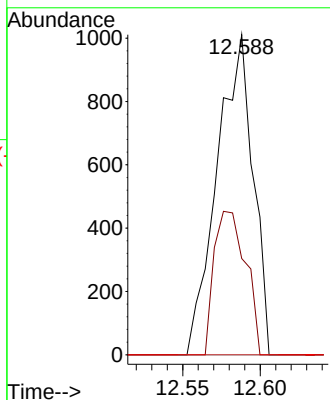
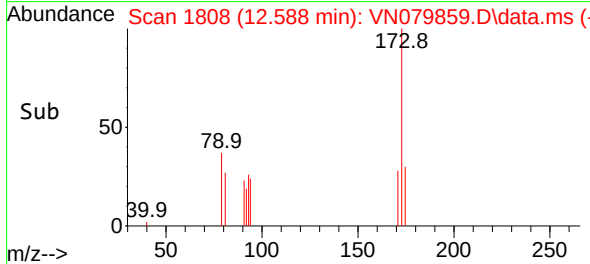
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



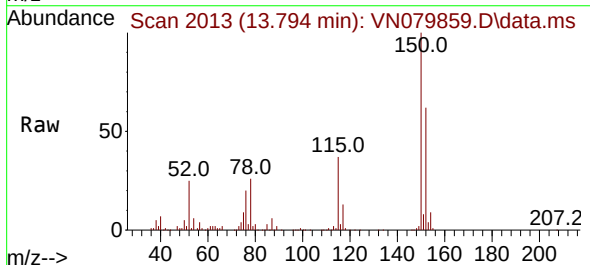
Tgt Ion:173 Resp: 1620
Ion Ratio Lower Upper
173 100
175 39.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

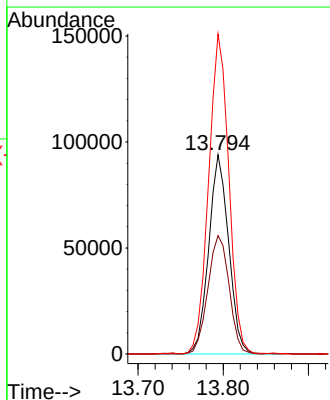
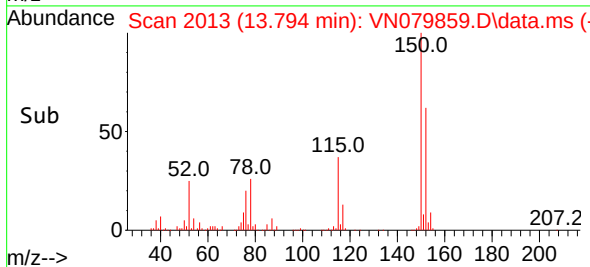
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

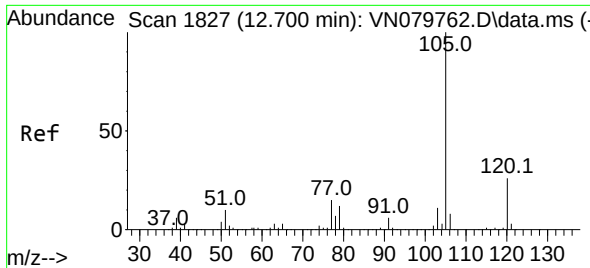


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14



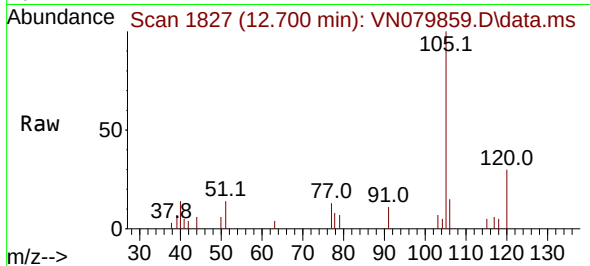
Tgt Ion:152 Resp: 152838
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 162.5 0.0 355.8





#73
Isopropylbenzene
Concen: 0.664 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

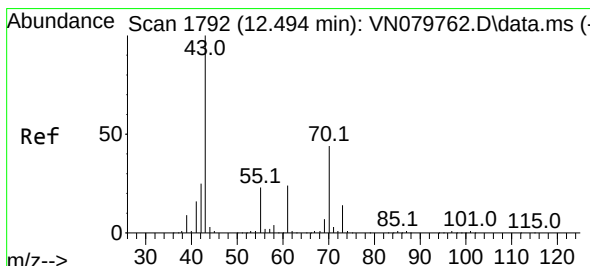
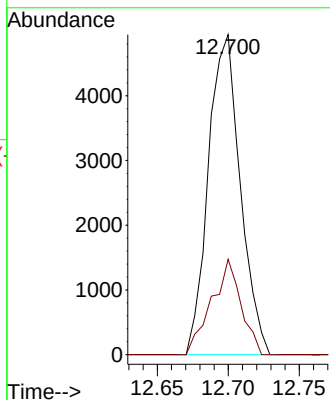
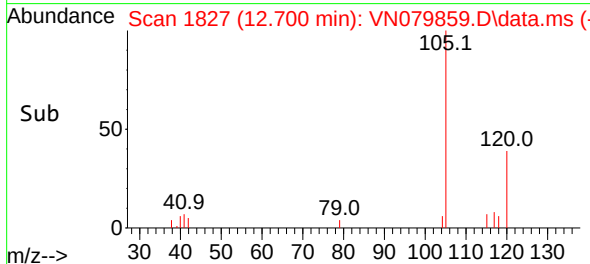
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



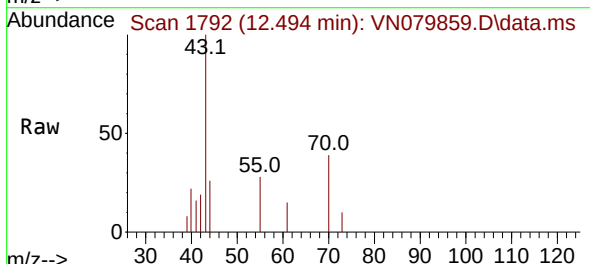
Tgt Ion: 105 Resp: 7700
Ion Ratio Lower Upper
105 100
120 27.6 13.1 39.1

Manual Integrations
APPROVED

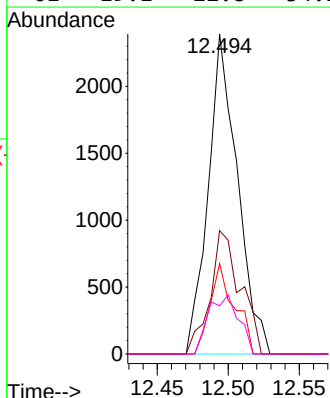
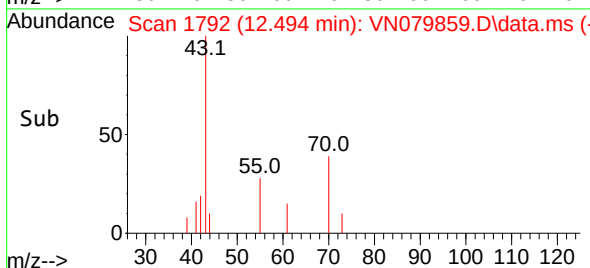
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

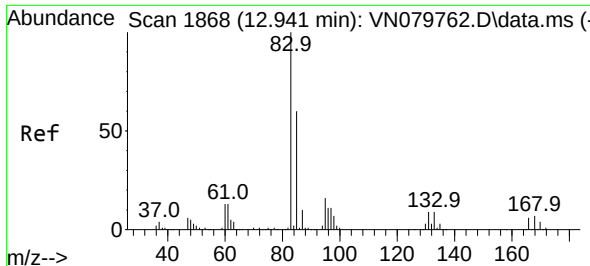


#74
N-ethyl acetate
Concen: 0.677 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14



Tgt Ion: 43 Resp: 3426
Ion Ratio Lower Upper
43 100
70 39.8 43.4 65.2#
55 23.6 21.4 32.0
61 19.1 22.8 34.2#





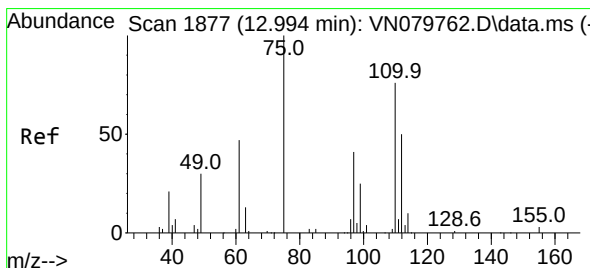
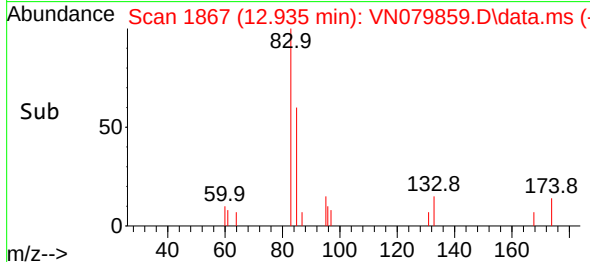
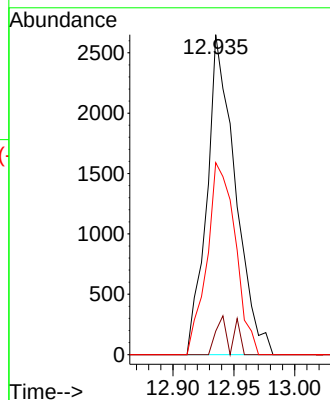
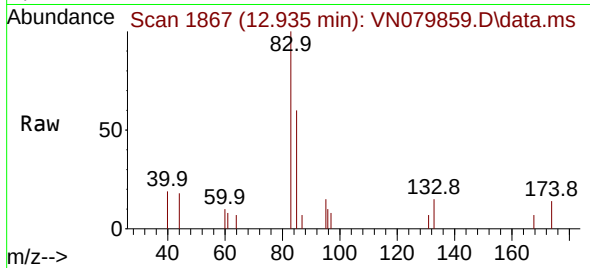
#75
1,1,2,2-Tetrachloroethane
Concen: 1.047 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2023

Tgt Ion: 83 Resp: 430
Ion Ratio Lower Upper
83 100
131 6.7 5.0 15.0
85 59.9 31.9 95.7

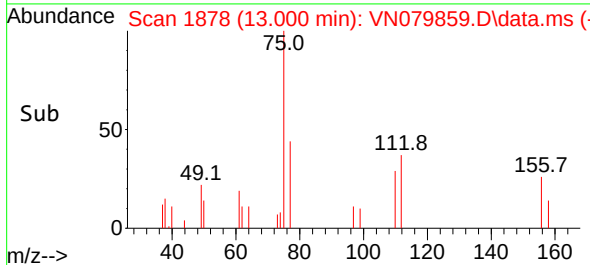
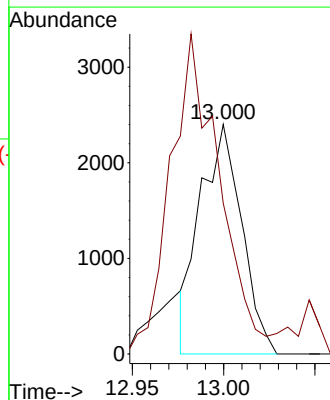
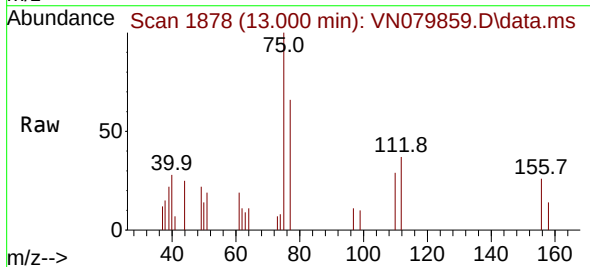
Manual Integrations
APPROVED

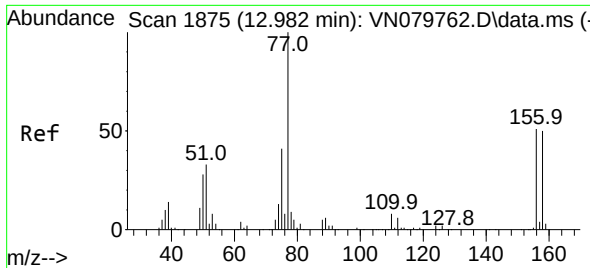
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#76
1,2,3-Trichloropropane
Concen: 1.058 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

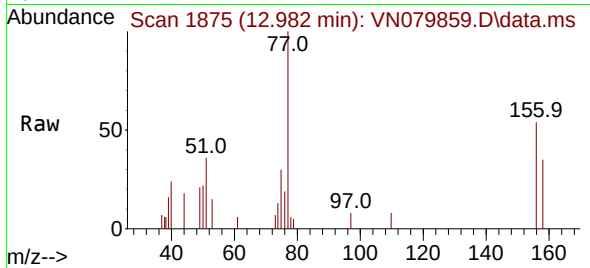
Tgt Ion: 75 Resp: 3796
Ion Ratio Lower Upper
75 100
77 163.6 84.5 253.5





#77
Bromobenzene
Concen: 0.925 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

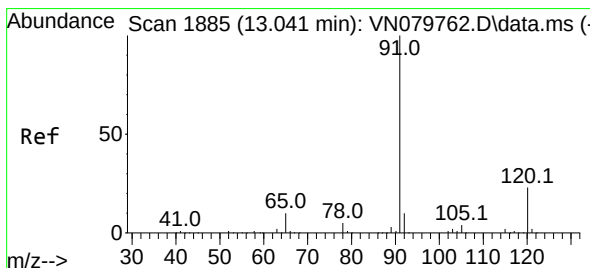
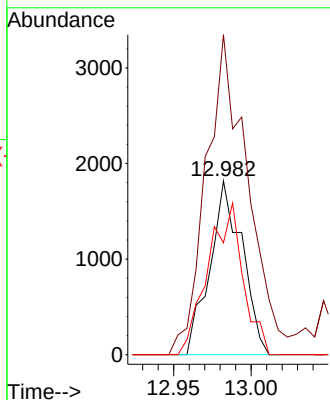
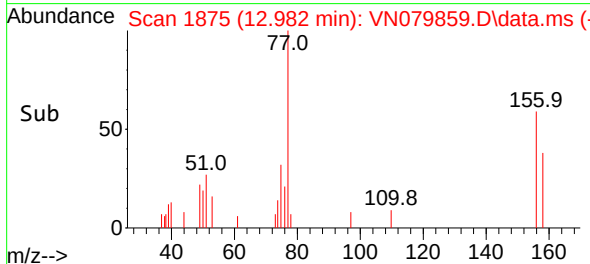
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



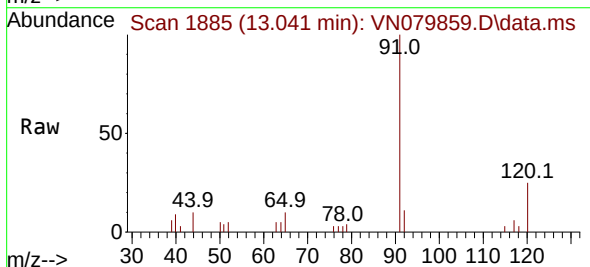
Tgt Ion:156 Resp: 2628
Ion Ratio Lower Upper
156 100
77 236.3 107.7 323.3
158 94.9 48.4 145.3

Manual Integrations
APPROVED

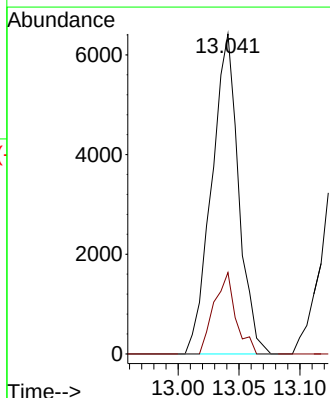
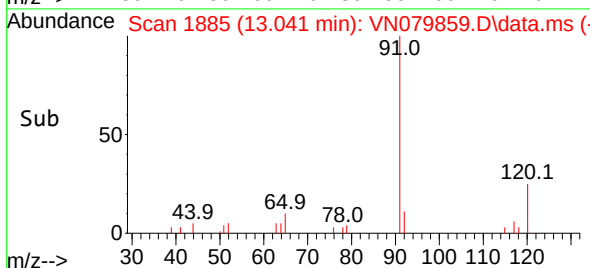
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

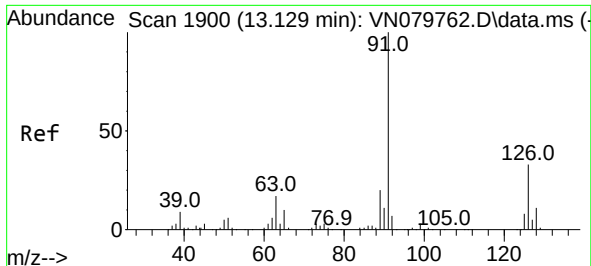


#78
n-propylbenzene
Concen: 0.745 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14



Tgt Ion: 91 Resp: 9898
Ion Ratio Lower Upper
91 100
120 20.5 11.5 34.4





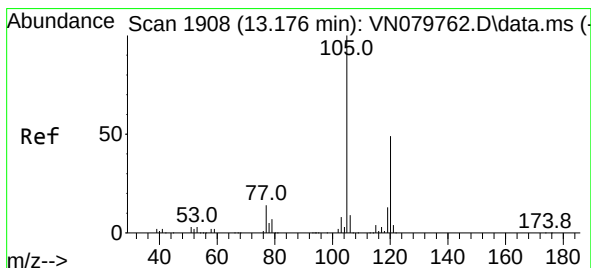
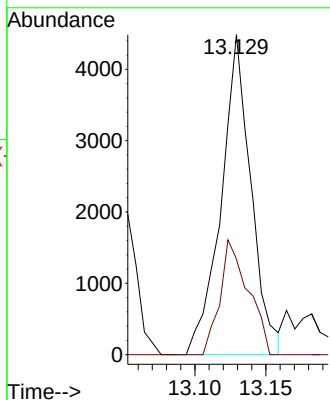
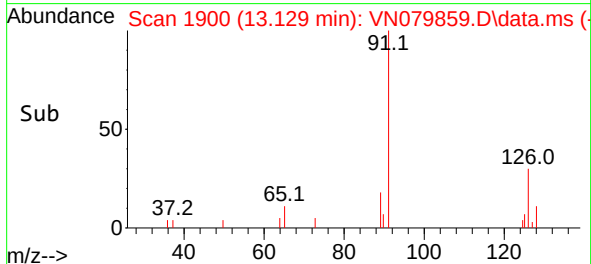
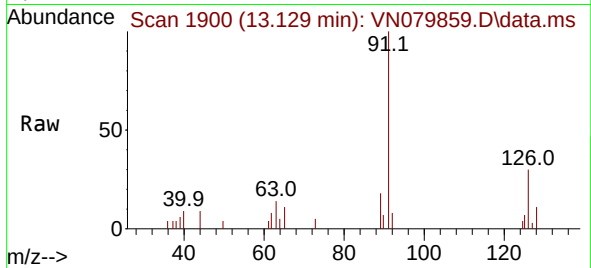
#79
2-Chlorotoluene
Concen: 0.772 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 91 Resp: 6554
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

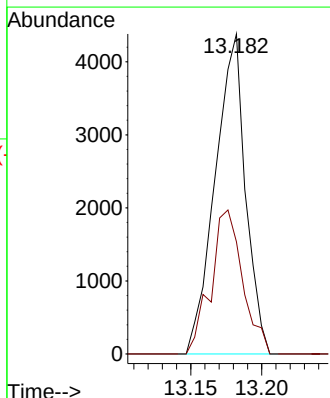
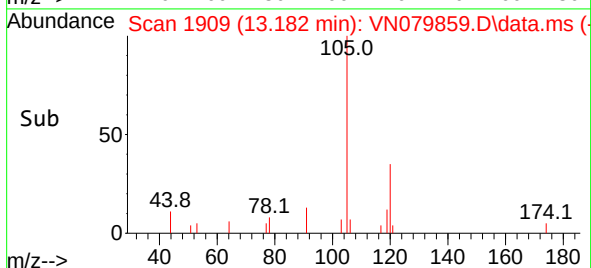
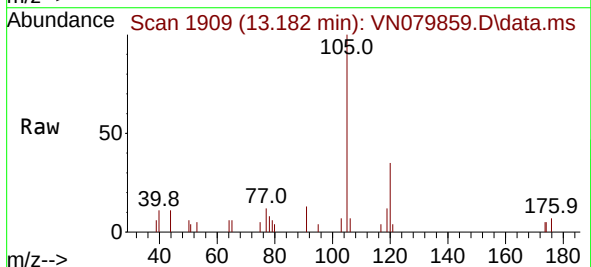
Manual Integrations
APPROVED

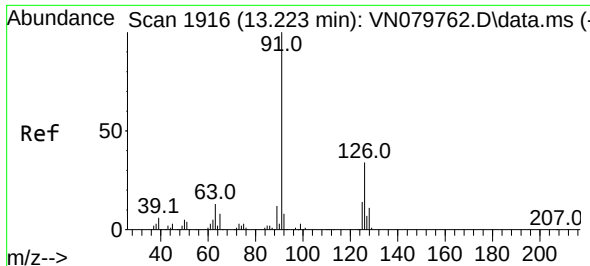
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.721 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:105 Resp: 6509
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.3





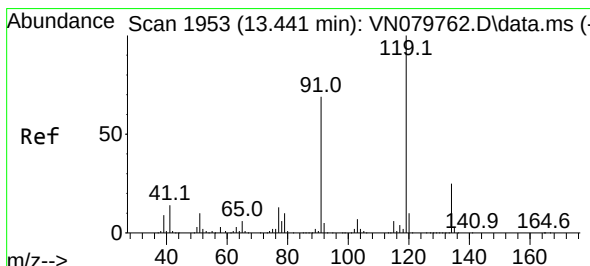
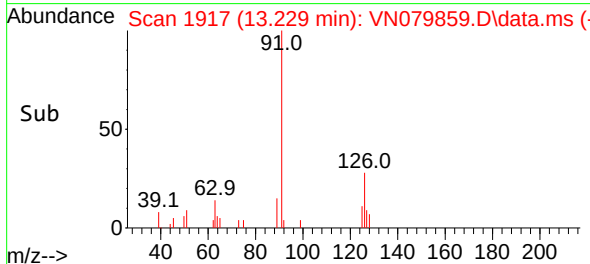
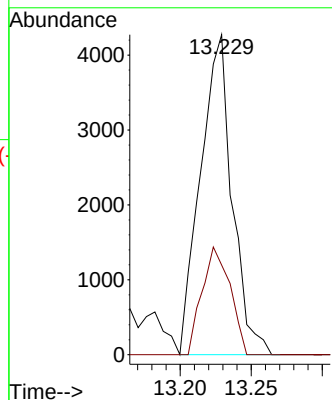
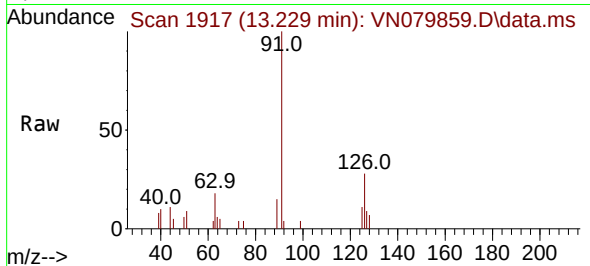
#82
4-Chlorotoluene
Concen: 0.784 ug/l
RT: 13.229 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 91 Resp: 661
Ion Ratio Lower Upper
91 100
126 29.9 16.7 50.0

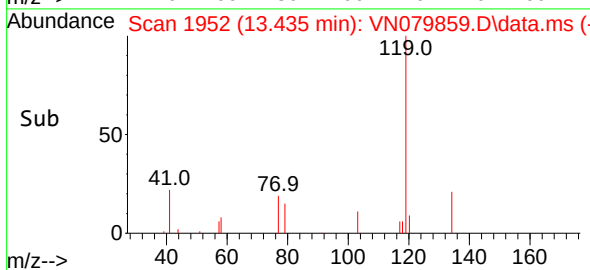
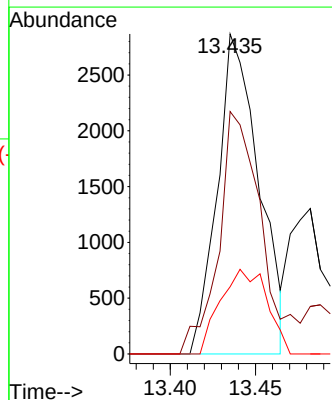
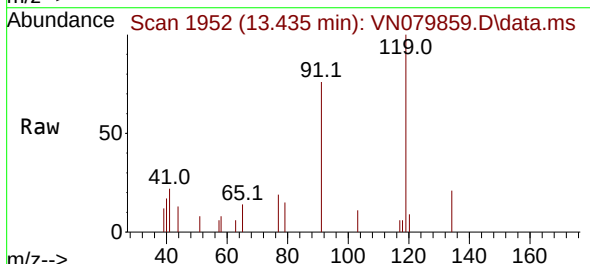
Manual Integrations
APPROVED

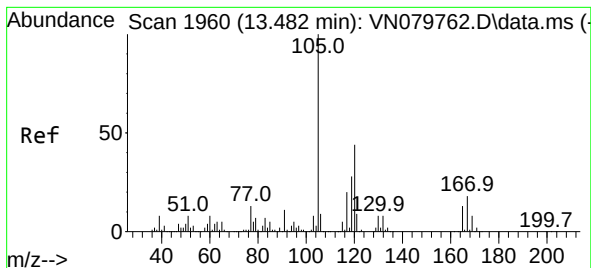
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#83
tert-Butylbenzene
Concen: 0.658 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion:119 Resp: 4858
Ion Ratio Lower Upper
119 100
91 78.2 33.9 101.7
134 29.8 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 0.606 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

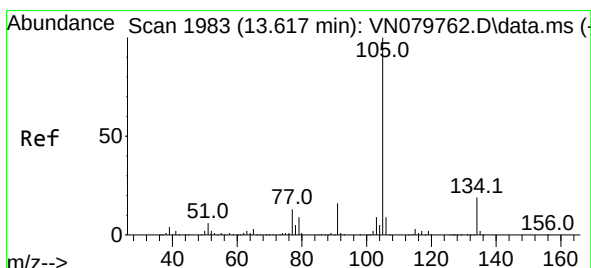
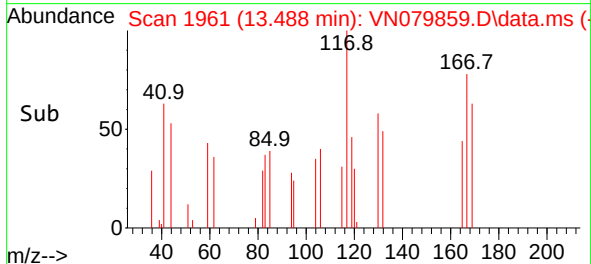
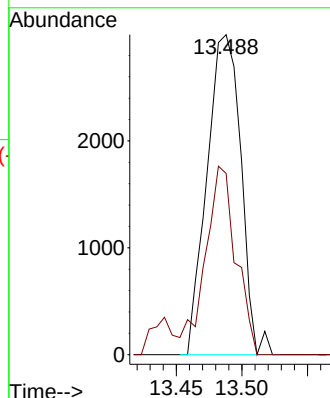
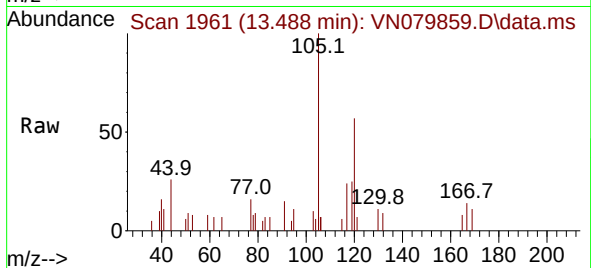
Tgt Ion:105 Resp: 5384
 Ion Ratio Lower Upper
 105 100
 120 53.0 22.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#85

sec-Butylbenzene

Concen: 0.626 ug/l

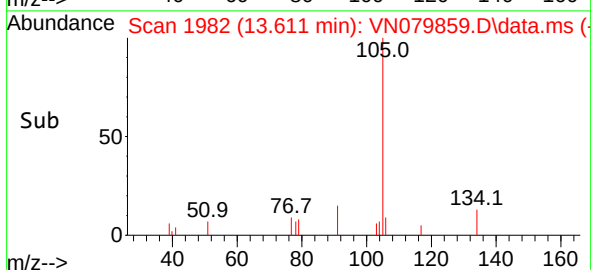
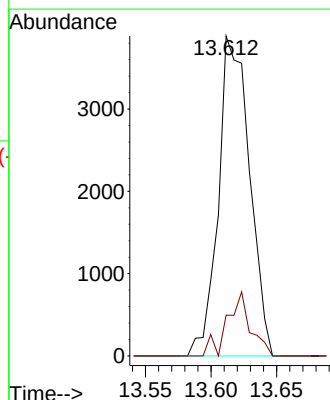
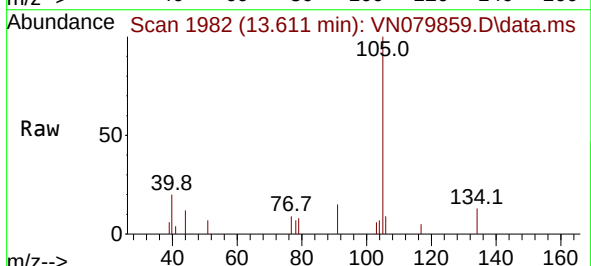
RT: 13.611 min Scan# 1982

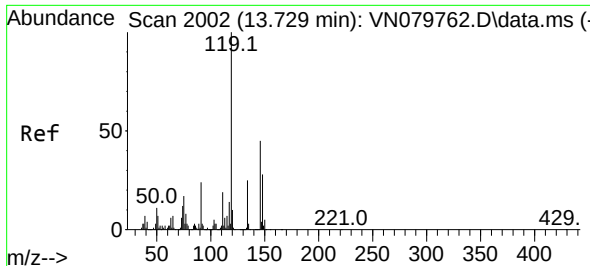
Delta R.T. -0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

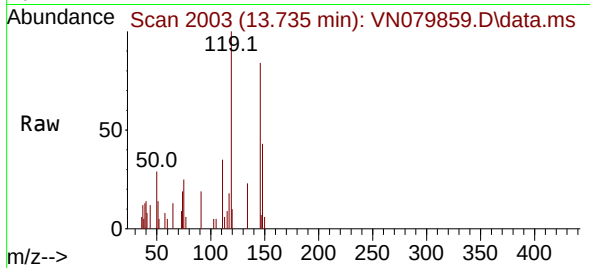
Tgt Ion:105 Resp: 6412
 Ion Ratio Lower Upper
 105 100
 134 15.0 9.8 29.3





#86
p-Isopropyltoluene
Concen: 0.580 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

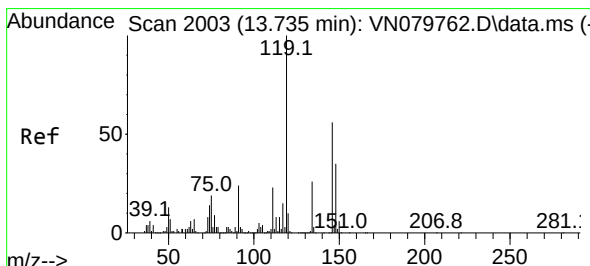
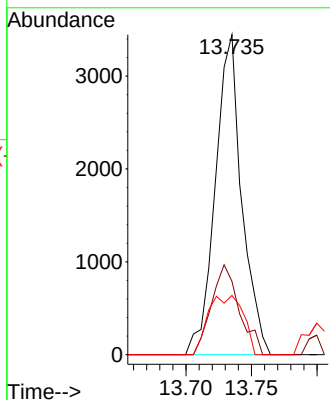
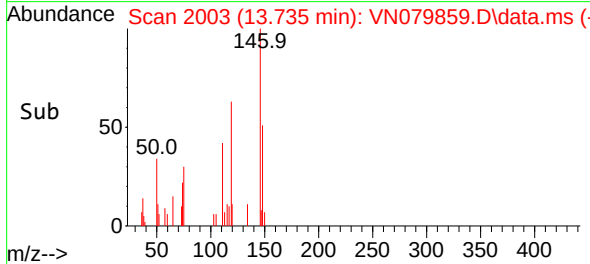
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



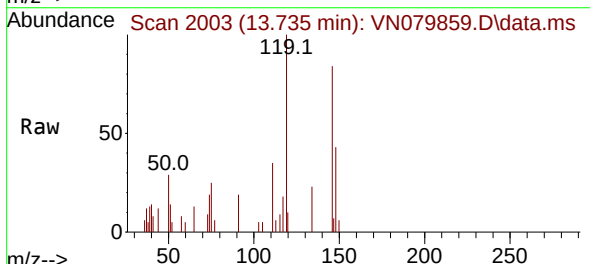
Tgt Ion:119 Resp: 4839
Ion Ratio Lower Upper
119 100
134 29.7 12.6 37.8
91 24.5 12.4 37.2

Manual Integrations
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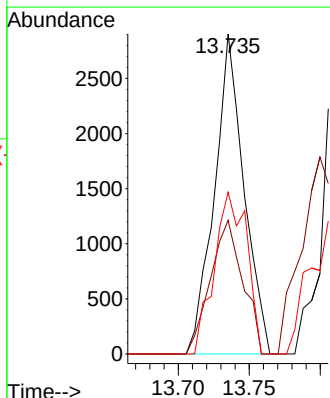
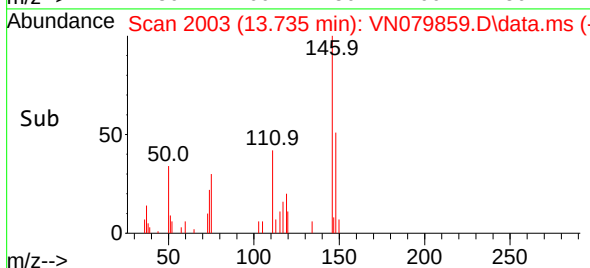
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

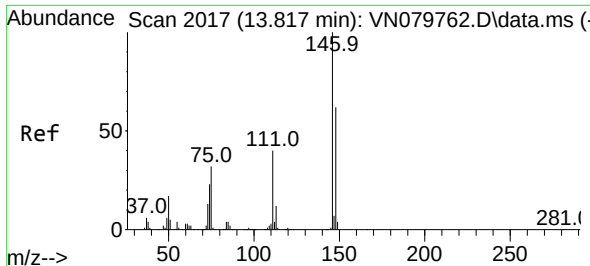


#87
1,3-Dichlorobenzene
Concen: 0.796 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14



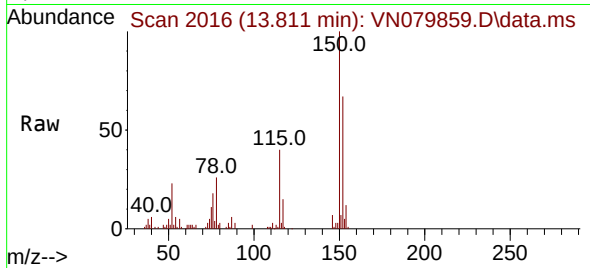
Tgt Ion:146 Resp: 4204
Ion Ratio Lower Upper
146 100
111 45.9 22.1 66.3
148 55.6 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 0.936 ug/l m
RT: 13.811 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

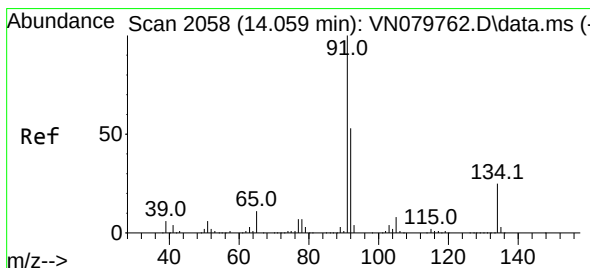
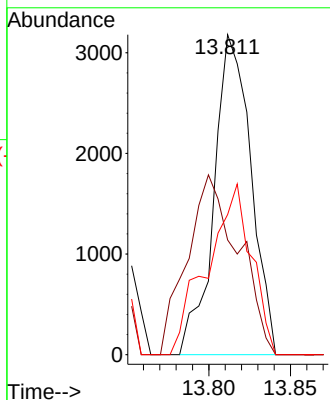
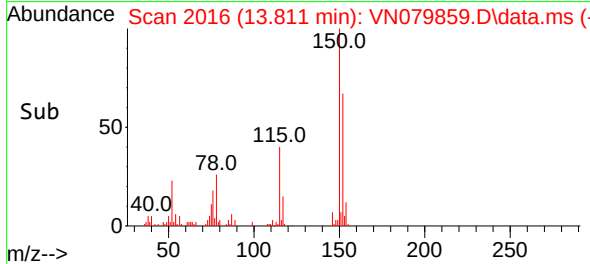
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:146 Resp: 5019
Ion Ratio Lower Upper
146 100
111 38.4 20.6 61.8
148 46.6 31.6 94.8

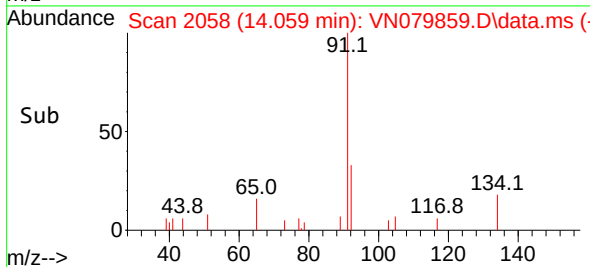
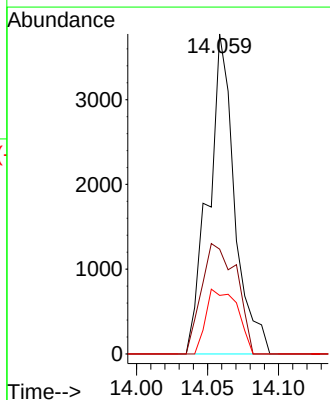
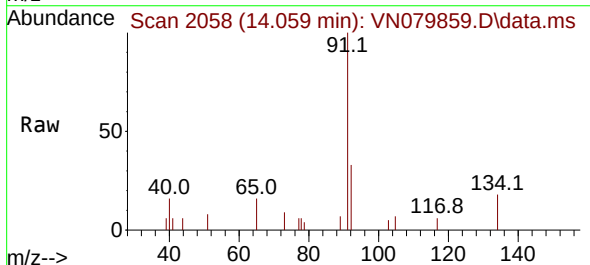
Manual Integrations
APPROVED

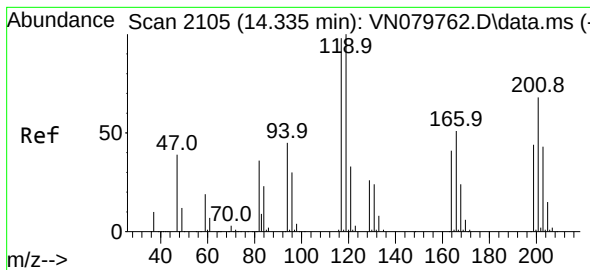
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#89
n-Butylbenzene
Concen: 0.672 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Tgt Ion: 91 Resp: 4830
Ion Ratio Lower Upper
91 100
92 46.2 26.4 79.0
134 24.3 12.6 37.6





#90

Hexachloroethane

Concen: 0.836 ug/l

RT: 14.341 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion:117 Resp: 138

Ion Ratio Lower Upper

117 100

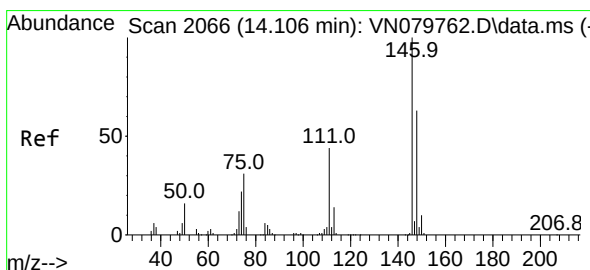
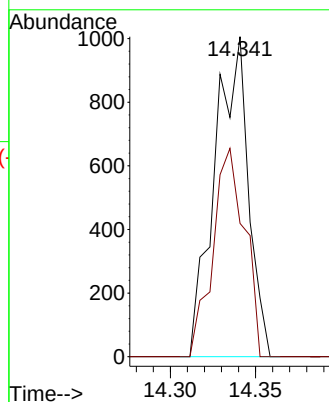
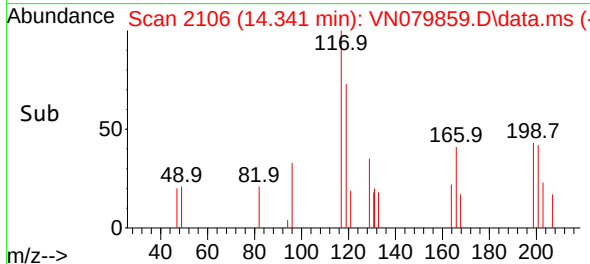
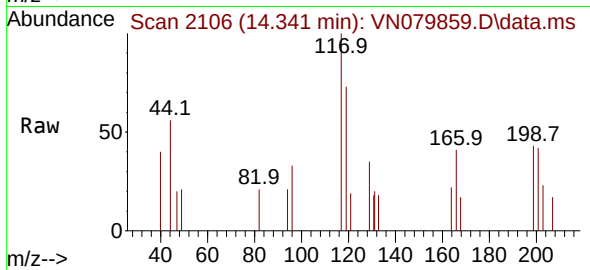
201 61.5 29.3 88.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#91

1,2-Dichlorobenzene

Concen: 0.768 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.006 min

Lab File: VN079859.D

Acq: 03 Nov 2023 19:14

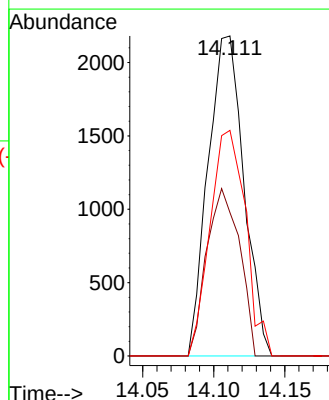
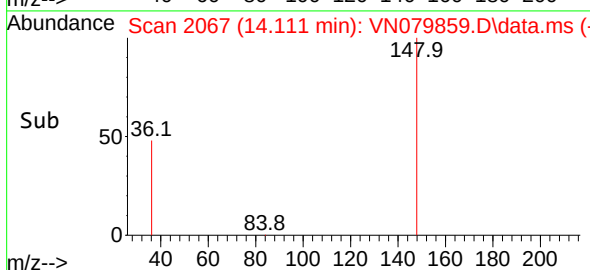
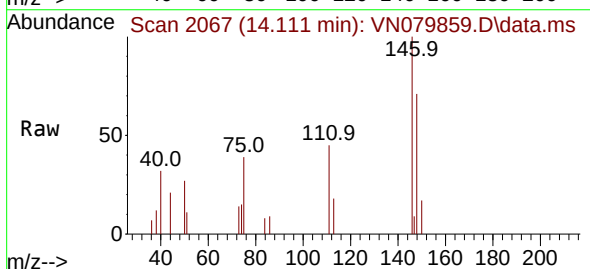
Tgt Ion:146 Resp: 3829

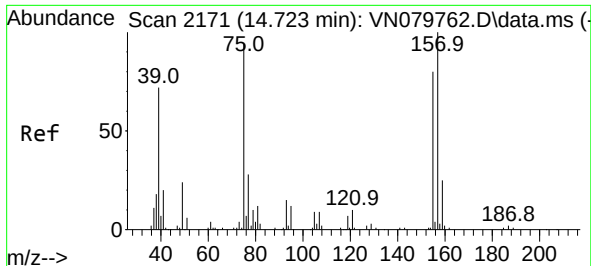
Ion Ratio Lower Upper

146 100

111 48.1 22.0 66.0

148 70.3 31.8 95.3





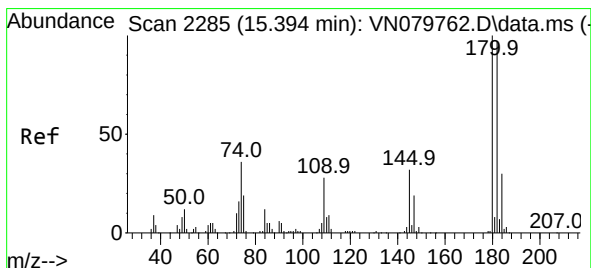
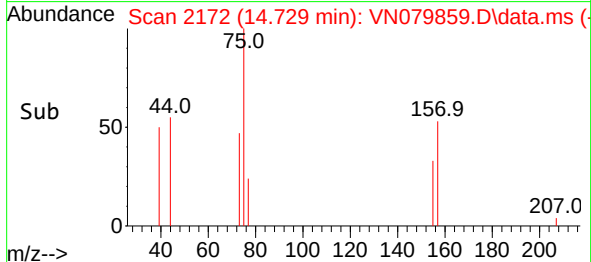
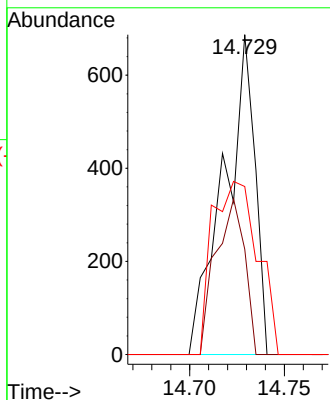
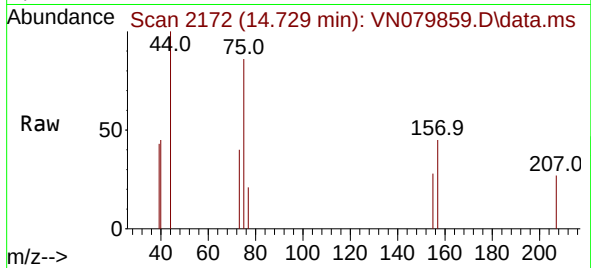
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.120 ug/l
RT: 14.729 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

Tgt Ion: 75 Resp: 78
Ion Ratio Lower Upper
75 100
155 45.5 39.1 117.2
157 79.5 50.3 150.9

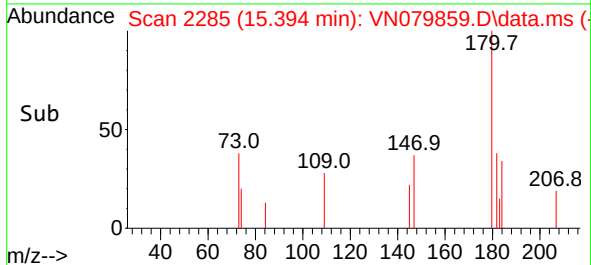
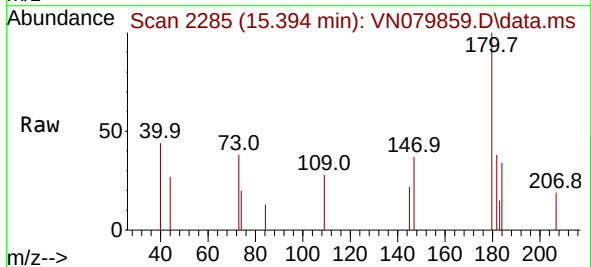
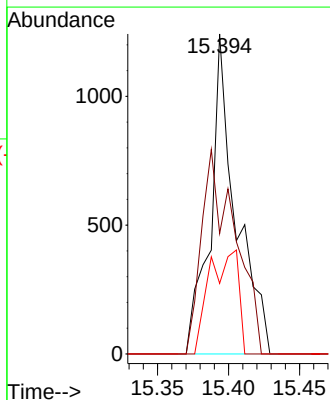
Manual Integrations
APPROVED

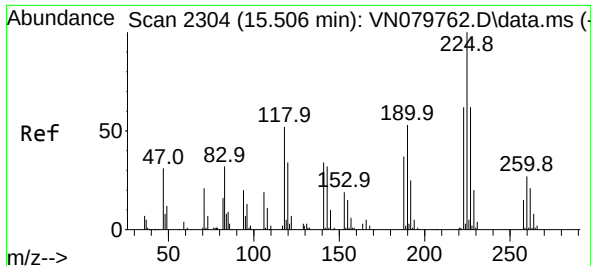
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#93
1,2,4-Trichlorobenzene
Concen: 0.657 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

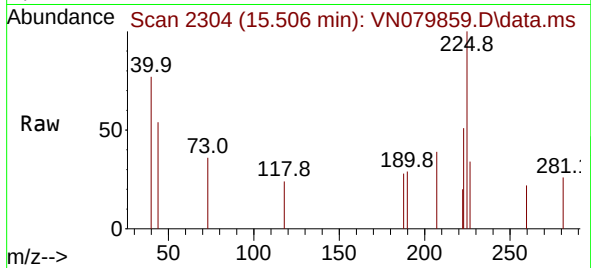
Tgt Ion:180 Resp: 1558
Ion Ratio Lower Upper
180 100
182 83.6 46.1 138.2
145 36.7 16.6 49.8





#94
Hexachlorobutadiene
Concen: 1.061 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

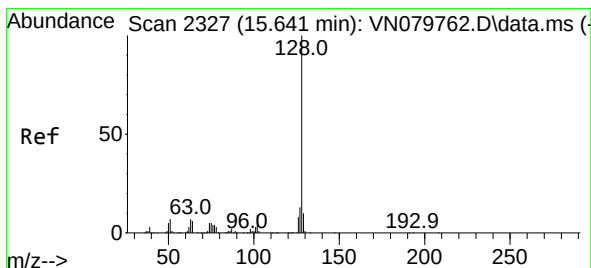
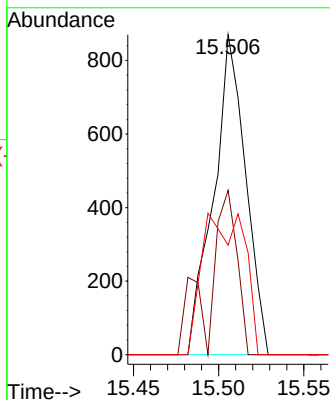
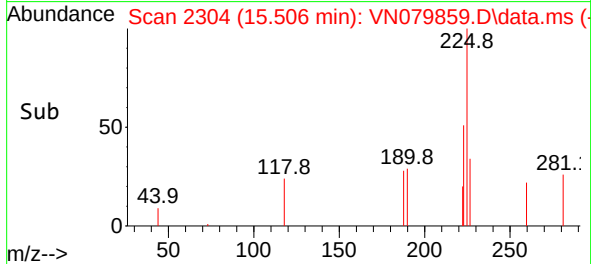
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:225 Resp: 114
Ion Ratio Lower Upper
225 100
223 45.5 31.3 93.8
227 58.1 31.9 95.9

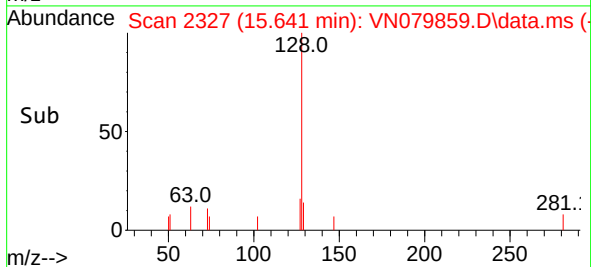
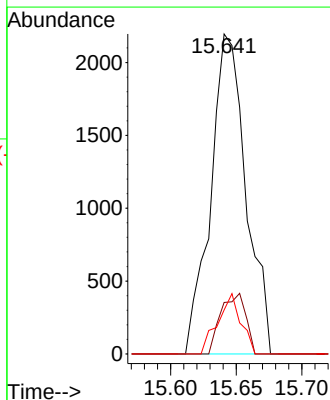
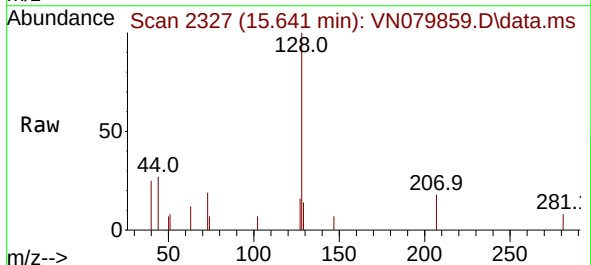
Manual Integrations
APPROVED

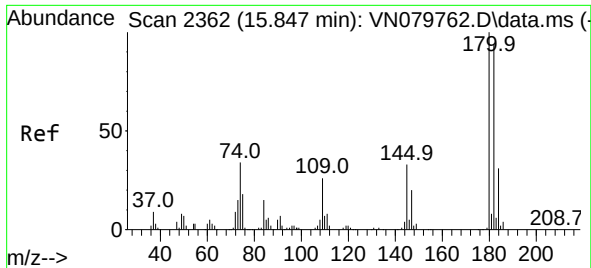
Reviewed By :John Carbone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#95
Naphthalene
Concen: 0.511 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN079859.D
Acq: 03 Nov 2023 19:14

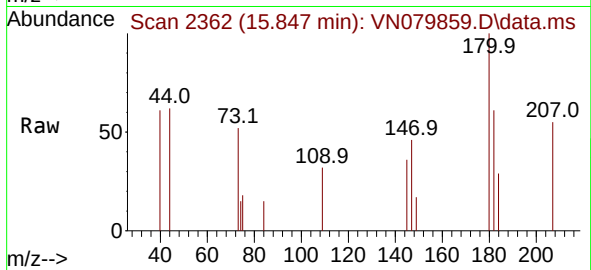
Tgt Ion:128 Resp: 4110
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 12.3 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.693 ug/l m
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN079859.D
 Acq: 03 Nov 2023 19:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2023



Tgt Ion:180 Resp: 1610
 Ion Ratio Lower Upper
 180 100
 182 84.7 46.2 138.6
 145 18.3 17.5 52.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/04/2023
 Supervised By :Mahesh Dadoda 11/06/2023

