

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110223\
 Data File : VN079793.D
 Acq On : 02 Nov 2023 13:36
 Operator : JC\MD
 Sample : 04699-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Quant Time: Nov 03 03:59:45 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 11/03/2023
 Supervised By : Mahesh Dadoda 11/03/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	294820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	540529	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	465578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	241269	53.715	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.420%			
35) Dibromofluoromethane	8.171	113	187077	48.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.800%			
50) Toluene-d8	10.571	98	656907	46.643	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.280%			
62) 4-Bromofluorobenzene	12.853	95	188702	40.400	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 80.800%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	3576	1.007	ug/l	86
3) Chloromethane	2.359	50	6146	0.710	ug/l	99
4) Vinyl Chloride	2.512	62	4689	1.009	ug/l #	77
5) Bromomethane	2.954	94	4511	1.597	ug/l #	76
6) Chloroethane	3.124	64	4573	1.245	ug/l	97
7) Trichlorofluoromethane	3.501	101	6123	1.059	ug/l	97
8) Diethyl Ether	3.959	74	2263	1.031	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	3372m	1.006	ug/l	
10) Methyl Iodide	4.595	142	4395	1.148	ug/l #	69
11) Tert butyl alcohol	5.506	59	3145	5.485	ug/l #	77
12) 1,1-Dichloroethene	4.342	96	3047	0.960	ug/l	96
13) Acrolein	4.177	56	2121	6.442	ug/l	96
14) Allyl chloride	5.024	41	4539	0.934	ug/l #	82
15) Acrylonitrile	5.730	53	7576	4.240	ug/l #	68
16) Acetone	4.430	43	8692	5.509	ug/l #	71
17) Carbon Disulfide	4.706	76	10054	1.098	ug/l	97
18) Methyl Acetate	5.036	43	7910	1.048	ug/l #	62
19) Methyl tert-butyl Ether	5.795	73	8960	0.820	ug/l	100
20) Methylene Chloride	5.271	84	5089m	1.278	ug/l	
21) trans-1,2-Dichloroethene	5.783	96	3650	1.031	ug/l #	81
22) Diisopropyl ether	6.689	45	10141m	0.900	ug/l	
23) Vinyl Acetate	6.612	43	23773	3.826	ug/l	96
24) 1,1-Dichloroethane	6.577	63	6672	0.975	ug/l #	94
25) 2-Butanone	7.489	43	11231	4.861	ug/l #	79
26) 2,2-Dichloropropane	7.483	77	5598	0.989	ug/l	94
27) cis-1,2-Dichloroethene	7.494	96	3806	0.899	ug/l	77
28) Bromochloromethane	7.818	49	3507	1.051	ug/l #	67
29) Tetrahydrofuran	7.847	42	6369	4.237	ug/l #	74
30) Chloroform	7.971	83	10242	1.377	ug/l	87
31) Cyclohexane	8.224	56	13495	2.274	ug/l #	34
32) 1,1,1-Trichloroethane	8.171	97	6232	1.028	ug/l #	48
36) 1,1-Dichloropropene	8.371	75	5078	0.930	ug/l	95
37) Ethyl Acetate	7.565	43	4454	0.889	ug/l #	67
38) Carbon Tetrachloride	8.359	117	5611	1.019	ug/l #	79
39) Methylcyclohexane	9.606	83	4497	0.875	ug/l #	86
40) Benzene	8.612	78	15427	0.943	ug/l #	90

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	2057	0.773	ug/l #	69
42) 1,2-Dichloroethane	8.671	62	6853	1.199	ug/l	100
43) Isopropyl Acetate	8.688	43	6981	0.795	ug/l #	81
44) Trichloroethene	9.347	130	3955	0.974	ug/l	79
45) 1,2-Dichloropropane	9.624	63	4183	1.000	ug/l	91
46) Dibromomethane	9.706	93	2680	0.939	ug/l	94
47) Bromodichloromethane	9.894	83	7397	1.215	ug/l	99
48) Methyl methacrylate	9.688	41	3464	0.900	ug/l #	67
49) 1,4-Dioxane	9.712	88	919	13.516	ug/l #	49
51) 4-Methyl-2-Pentanone	10.447	43	19763	3.996	ug/l #	84
52) Toluene	10.630	92	9872	1.018	ug/l	93
53) t-1,3-Dichloropropene	10.841	75	4940	0.828	ug/l #	87
54) cis-1,3-Dichloropropene	10.312	75	5218	0.802	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	4339	1.112	ug/l	97
56) Ethyl methacrylate	10.877	69	3991	0.717	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	6750	0.982	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	10413	3.692	ug/l #	87
59) 2-Hexanone	11.200	43	13702	3.621	ug/l	84
60) Dibromochloromethane	11.365	129	4068	0.974	ug/l	95
61) 1,2-Dibromoethane	11.477	107	3376	0.862	ug/l	97
64) Tetrachloroethene	11.106	164	3184	1.056	ug/l	94
65) Chlorobenzene	11.888	112	10020	0.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	3724	1.023	ug/l #	58
67) Ethyl Benzene	11.965	91	14623	0.831	ug/l	90
68) m/p-Xylenes	12.076	106	9954	1.519	ug/l	100
69) o-Xylene	12.400	106	4707	0.746	ug/l	92
70) Styrene	12.412	104	7261	0.716	ug/l	97
71) Bromoform	12.576	173	2426	0.939	ug/l #	91
73) Isopropylbenzene	12.700	105	10587	0.754	ug/l	97
74) N-amyl acetate	12.500	43	4638	0.756	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	5765	1.157	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	5608m	1.290	ug/l	
77) Bromobenzene	12.982	156	3889	1.131	ug/l	97
78) n-propylbenzene	13.035	91	14572	0.906	ug/l	99
79) 2-Chlorotoluene	13.129	91	9898	0.963	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	8650	0.791	ug/l	96
82) 4-Chlorotoluene	13.223	91	9093	0.890	ug/l	94
83) tert-Butylbenzene	13.435	119	7200	0.805	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	8416	0.783	ug/l	99
85) sec-Butylbenzene	13.623	105	9017	0.727	ug/l	96
86) p-Isopropyltoluene	13.735	119	7394	0.732	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	6100	0.953	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	6694m	1.031	ug/l	
89) n-Butylbenzene	14.059	91	7507	0.862	ug/l	91
90) Hexachloroethane	14.341	117	1891	0.945	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	6046	1.001	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	799	0.946	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	2528	0.880	ug/l	89
94) Hexachlorobutadiene	15.506	225	1582	1.215	ug/l	83
95) Naphthalene	15.635	128	7898	0.811	ug/l	96
96) 1,2,3-Trichlorobenzene	15.841	180	2114	0.751	ug/l	82

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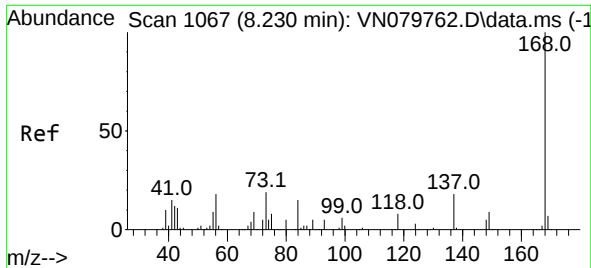
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Manual Integrations

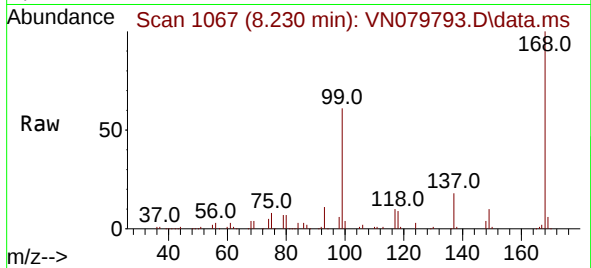
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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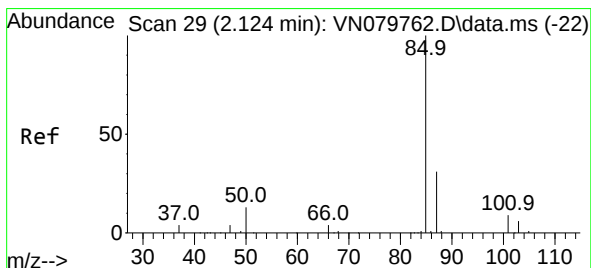
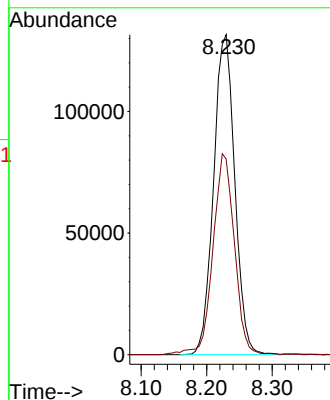
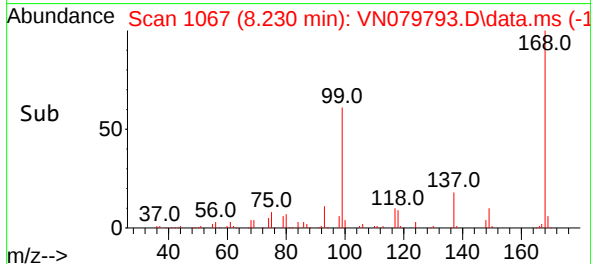
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:168 Resp: 294820
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6

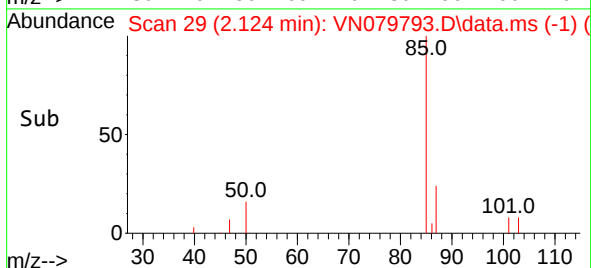
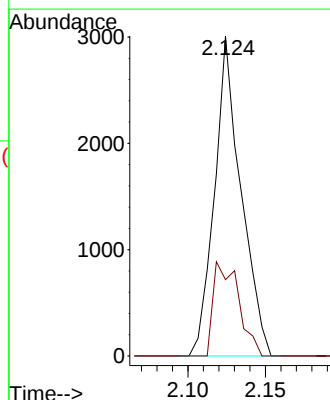
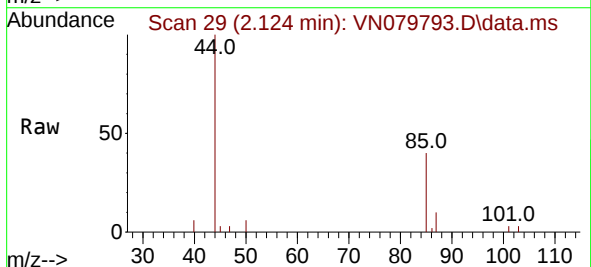
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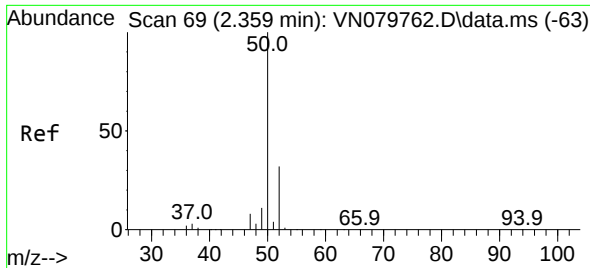
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#2
Dichlorodifluoromethane
Concen: 1.007 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

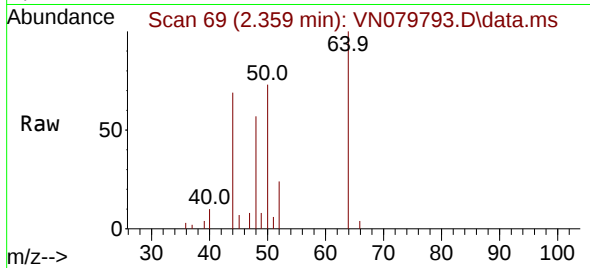
Tgt Ion: 85 Resp: 3576
Ion Ratio Lower Upper
85 100
87 23.9 15.8 47.4





#3
Chloromethane
Concen: 0.710 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

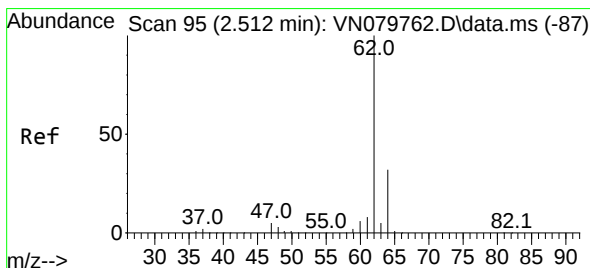
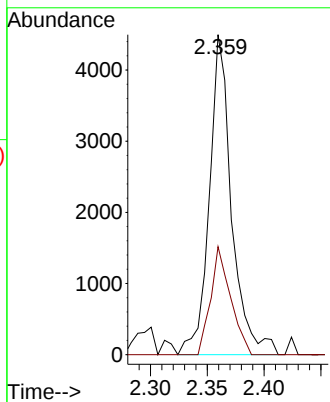
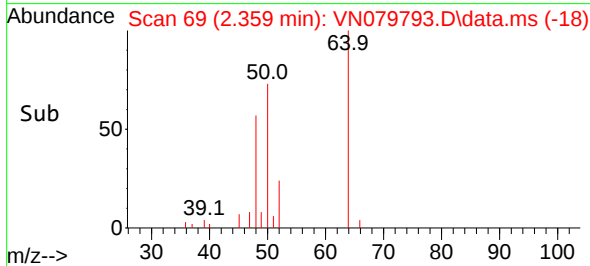
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion: 50 Resp: 6140
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7

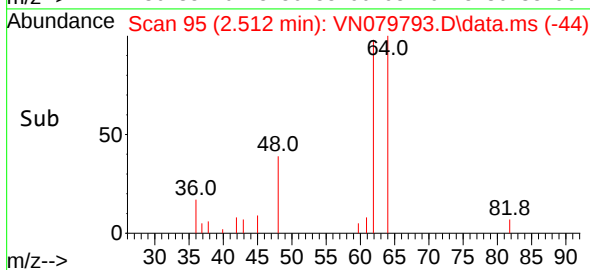
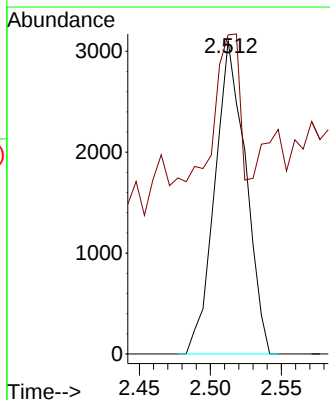
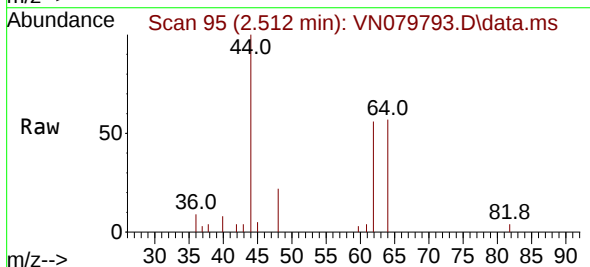
Manual Integrations
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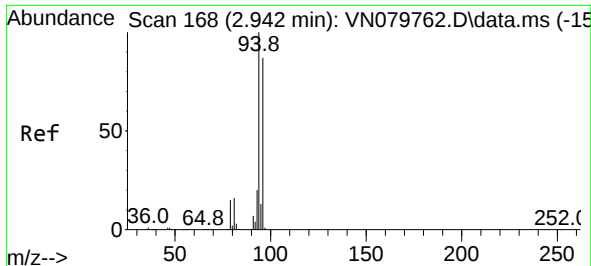
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#4
Vinyl Chloride
Concen: 1.009 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

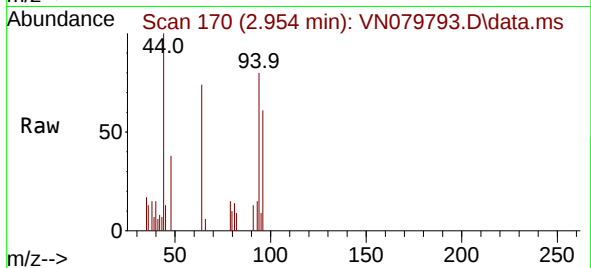
Tgt Ion: 62 Resp: 4689
Ion Ratio Lower Upper
62 100
64 45.7 26.2 39.2#





#5
Bromomethane
Concen: 1.597 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

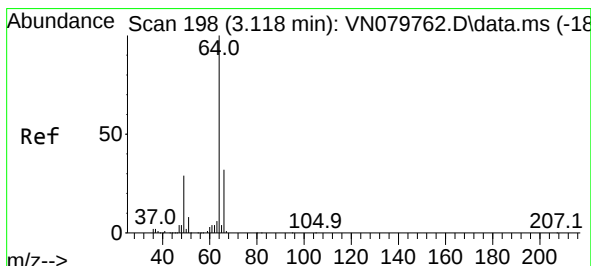
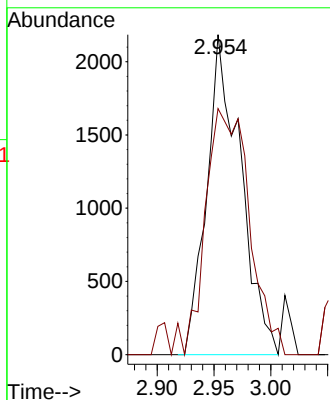
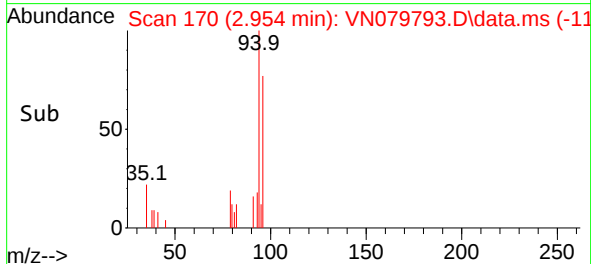
Instrument :
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LOQ-WATER-02-QT4-2023



Tgt Ion: 94 Resp: 451
Ion Ratio Lower Upper
94 100
96 68.6 73.1 109.7

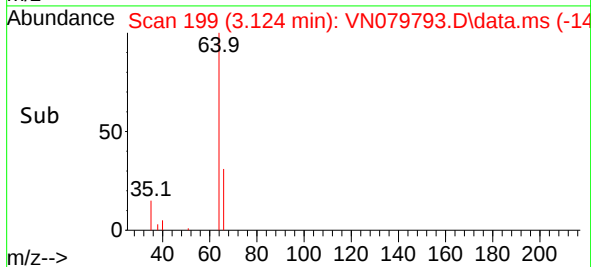
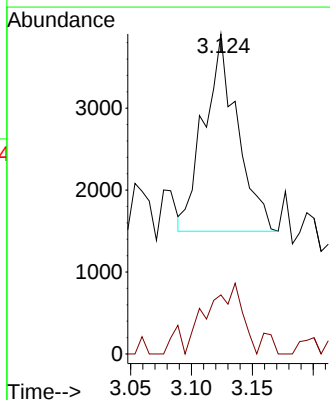
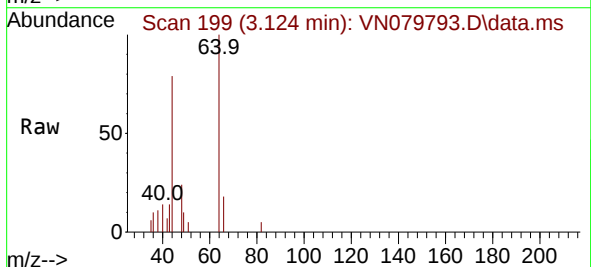
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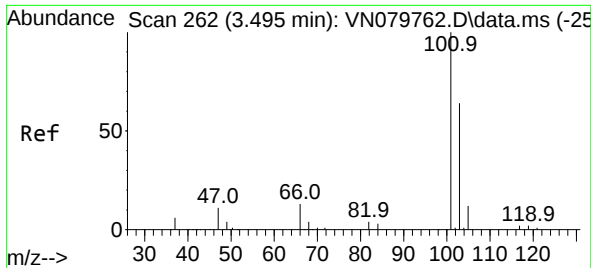
Reviewed By :John Carlone 11/03/2023
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#6
Chloroethane
Concen: 1.245 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 64 Resp: 4573
Ion Ratio Lower Upper
64 100
66 29.9 25.4 38.2





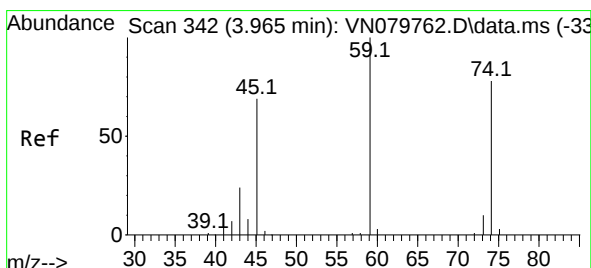
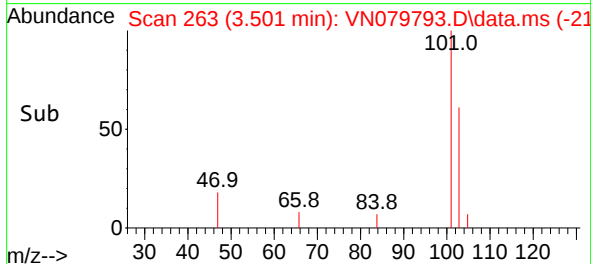
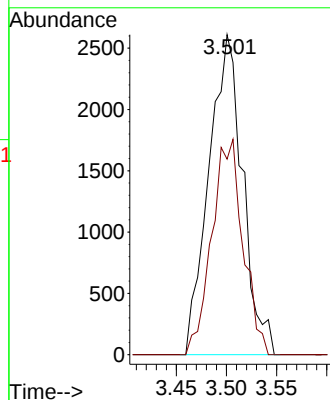
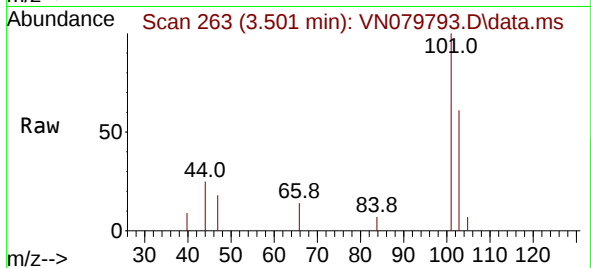
#7
Trichlorofluoromethane
Concen: 1.059 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:101 Resp: 612
Ion Ratio Lower Upper
101 100
103 61.1 50.7 76.1

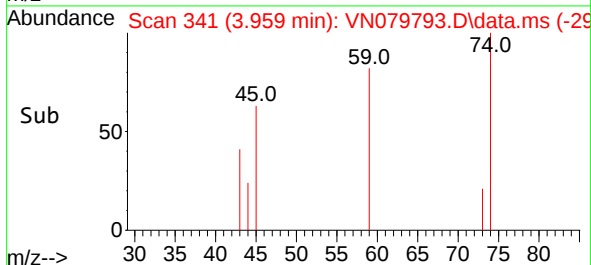
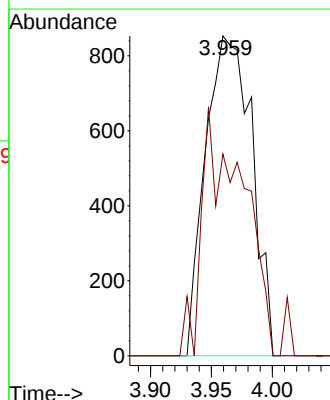
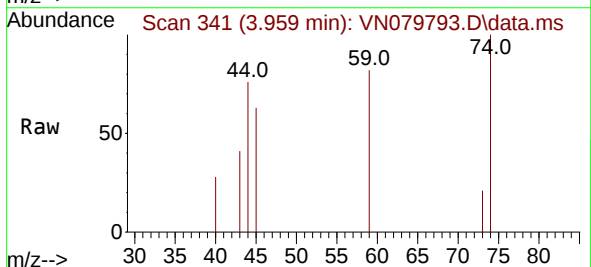
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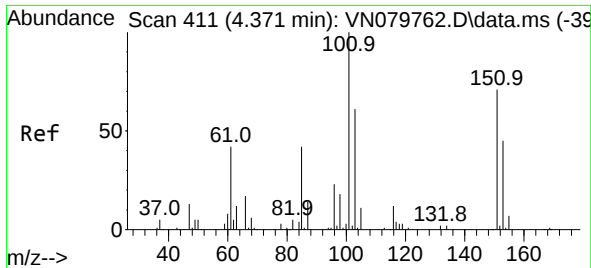
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#8
Diethyl Ether
Concen: 1.031 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 74 Resp: 2263
Ion Ratio Lower Upper
74 100
45 69.6 34.4 103.3





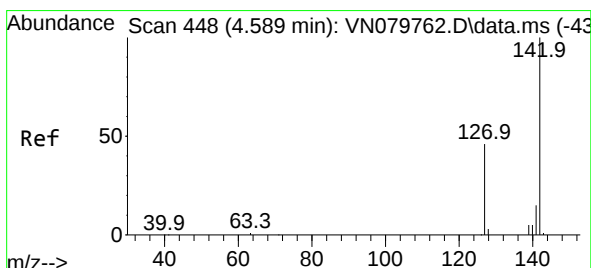
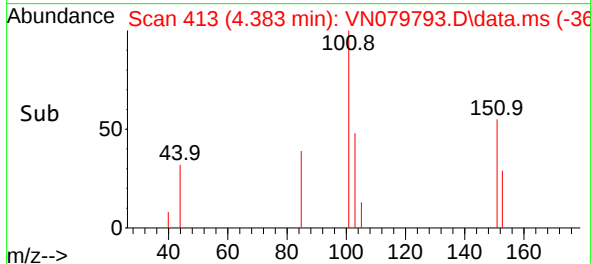
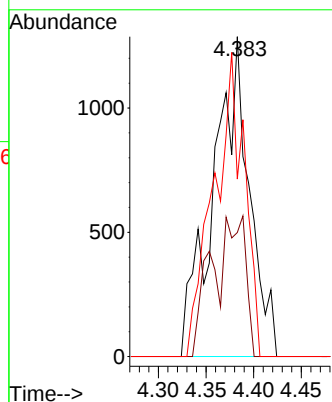
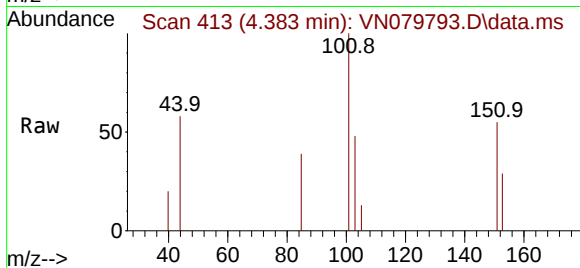
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.006 ug/l m
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:101 Resp: 3372
Ion Ratio Lower Upper
101 100
85 24.6 36.6 55.0#
151 80.7 57.6 86.4

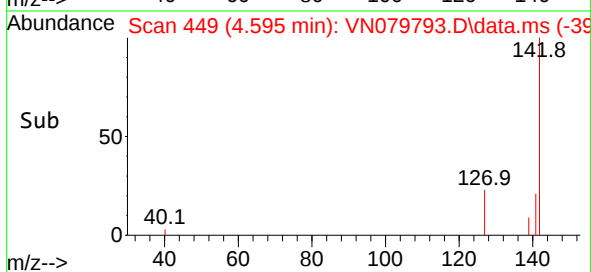
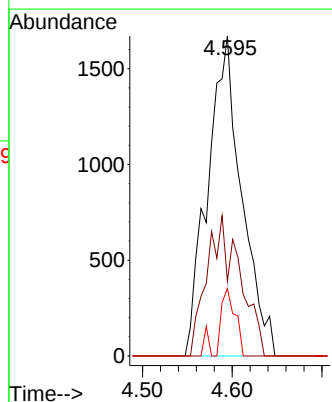
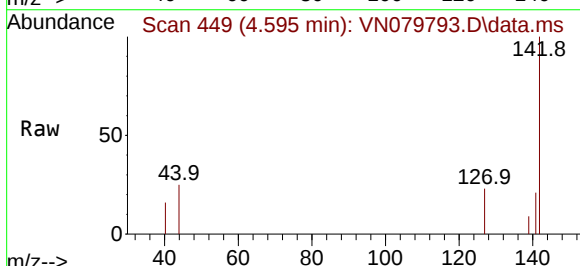
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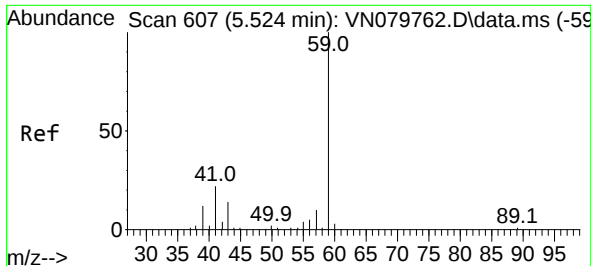
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#10
Methyl Iodide
Concen: 1.148 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:142 Resp: 4395
Ion Ratio Lower Upper
142 100
127 23.3 37.6 56.4#
141 21.1 11.4 17.0#





#11

Tert butyl alcohol

Concen: 5.485 ug/l

RT: 5.506 min Scan# 607

Delta R.T. -0.012 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

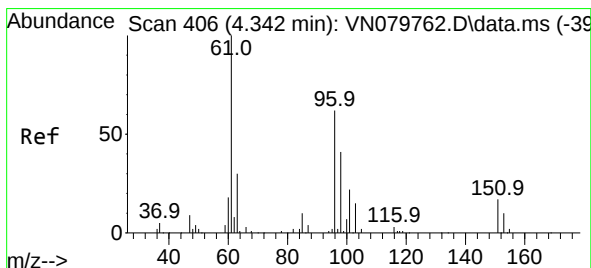
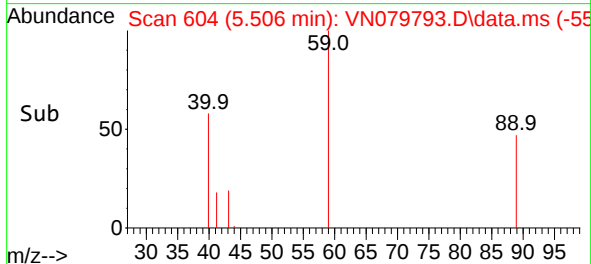
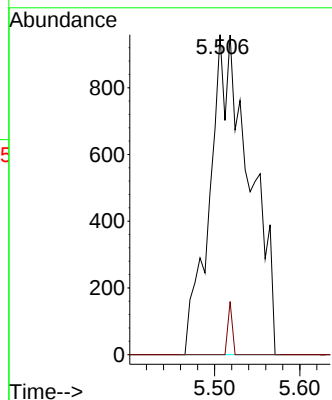
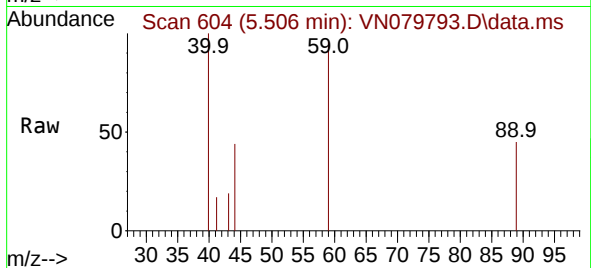
ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 59 Resp: 3145
 Ion Ratio Lower Upper
 59 100
 57 1.8 8.2 12.4

Manual Integrations
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Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023



#12

1,1-Dichloroethene

Concen: 0.960 ug/l

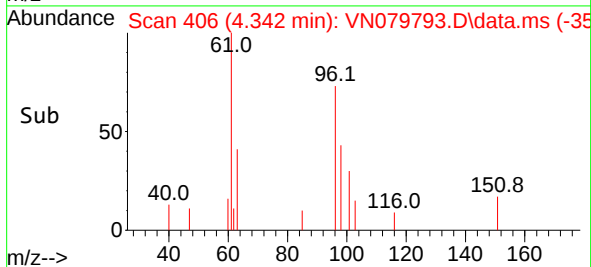
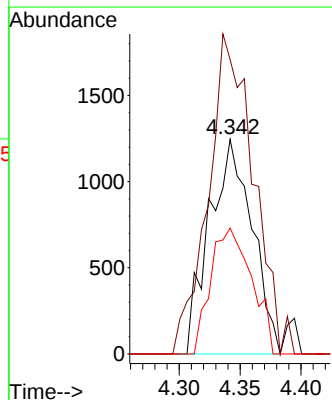
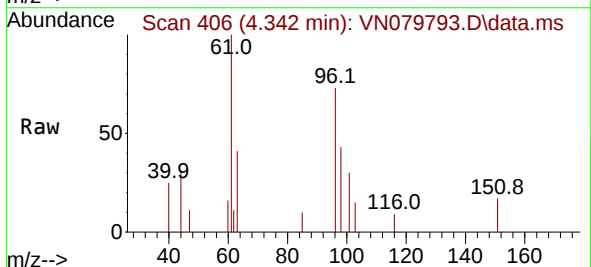
RT: 4.342 min Scan# 406

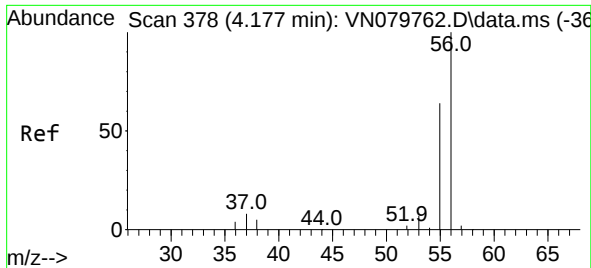
Delta R.T. -0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

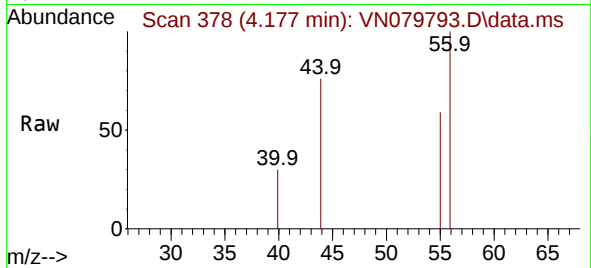
Tgt Ion: 96 Resp: 3047
 Ion Ratio Lower Upper
 96 100
 61 137.1 112.7 169.1
 98 58.7 51.2 76.8





#13
Acrolein
Concen: 6.442 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

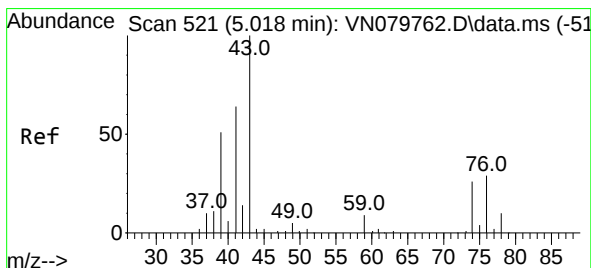
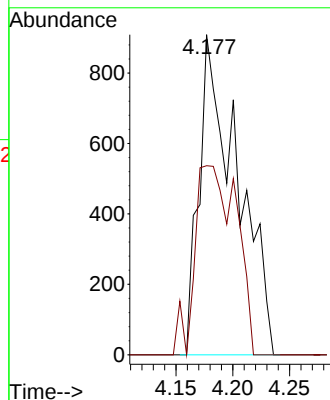
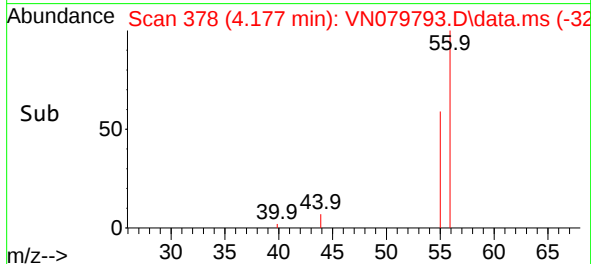
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



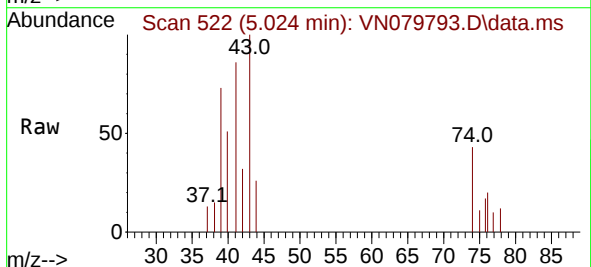
Tgt Ion: 56 Resp: 212
Ion Ratio Lower Upper
56 100
55 64.8 54.5 81.7

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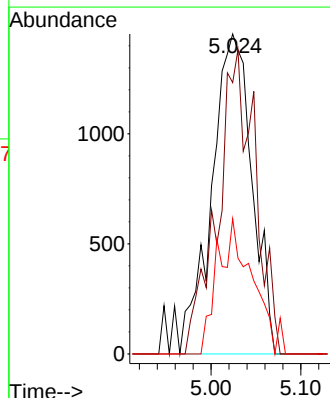
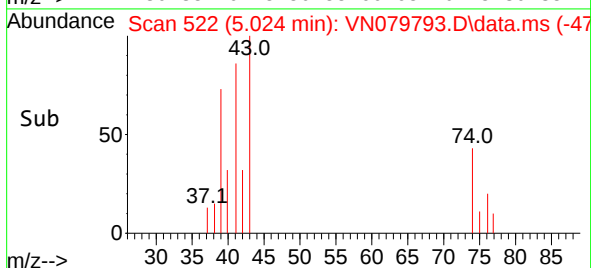
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

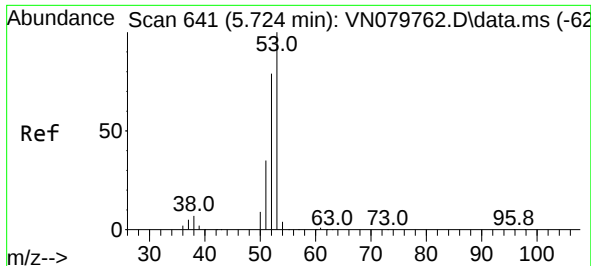


#14
Allyl chloride
Concen: 0.934 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36



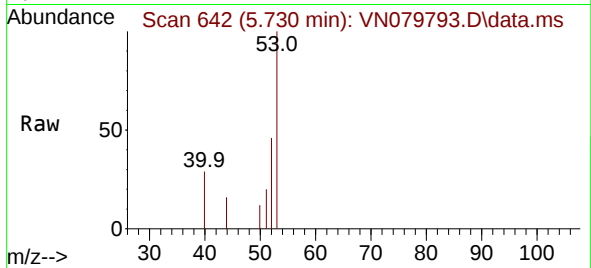
Tgt Ion: 41 Resp: 4539
Ion Ratio Lower Upper
41 100
39 88.6 58.8 88.2#
76 36.4 39.1 58.7#





#15
Acrylonitrile
Concen: 4.240 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

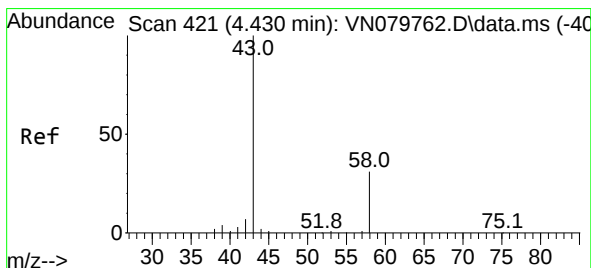
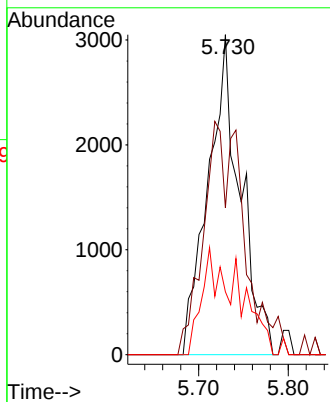
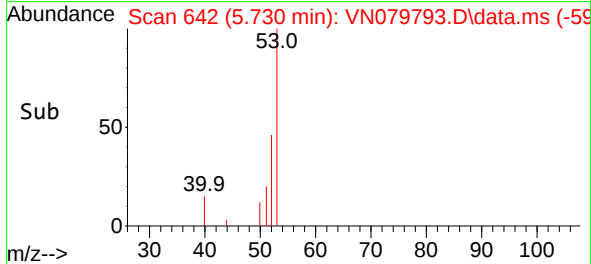
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 53 Resp: 7570
Ion Ratio Lower Upper
53 100
52 49.6 65.3 97.9
51 22.7 28.9 43.3

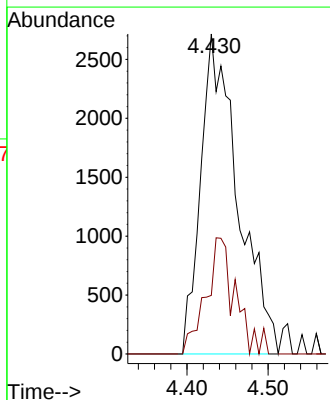
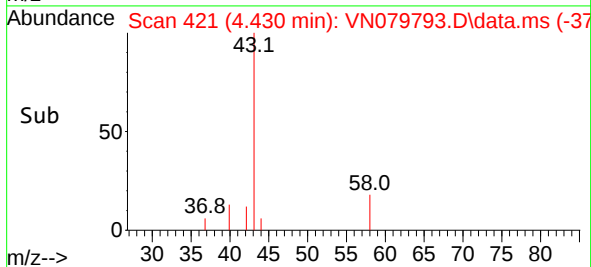
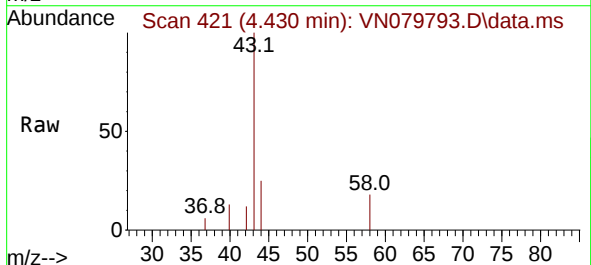
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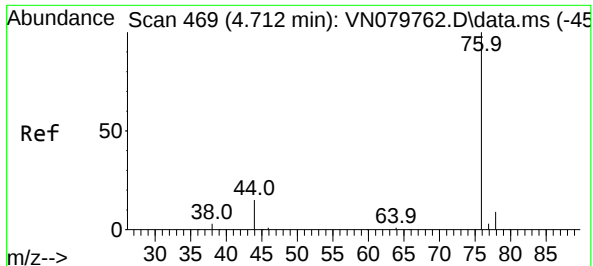
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#16
Acetone
Concen: 5.509 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

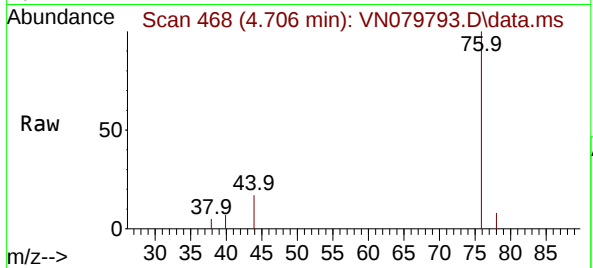
Tgt Ion: 43 Resp: 8692
Ion Ratio Lower Upper
43 100
58 18.3 28.0 42.0





#17
Carbon Disulfide
Concen: 1.098 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

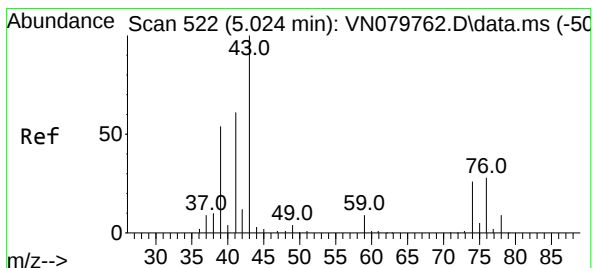
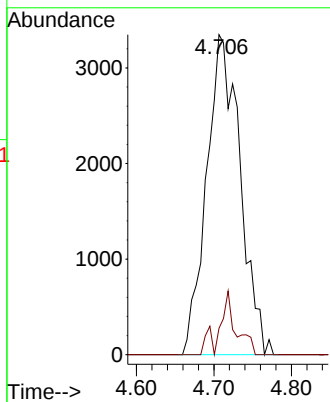
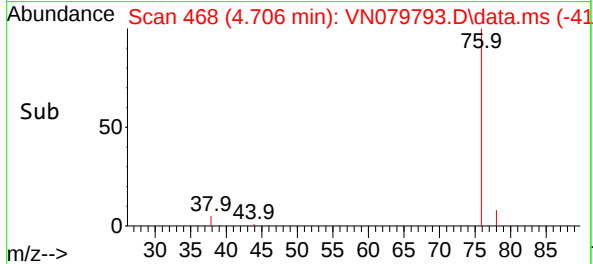
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 76 Resp: 10054
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

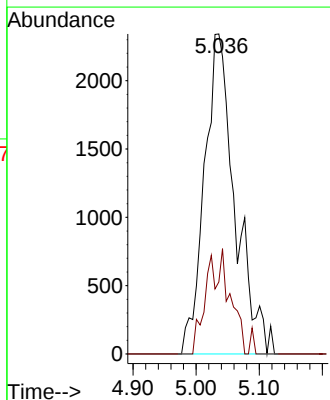
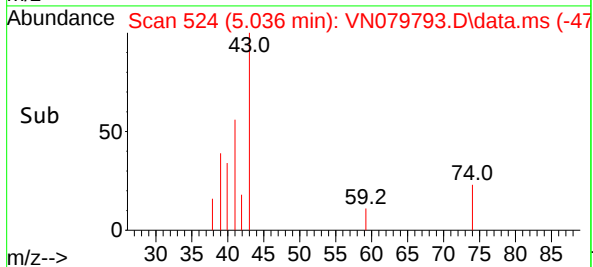
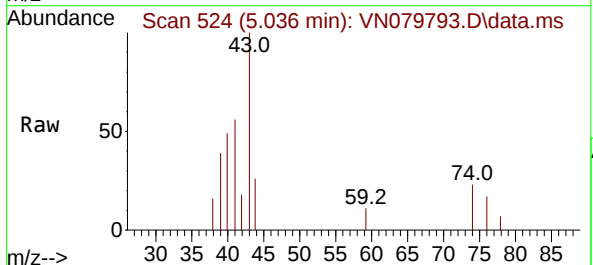
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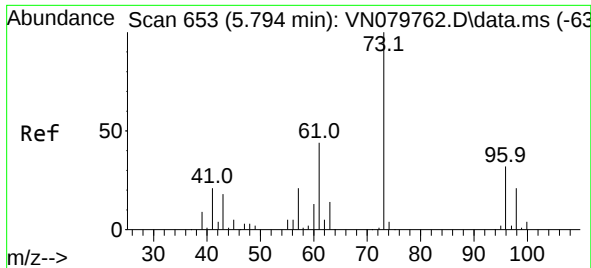
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#18
Methyl Acetate
Concen: 1.048 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 43 Resp: 7910
Ion Ratio Lower Upper
43 100
74 11.4 26.2 39.4#





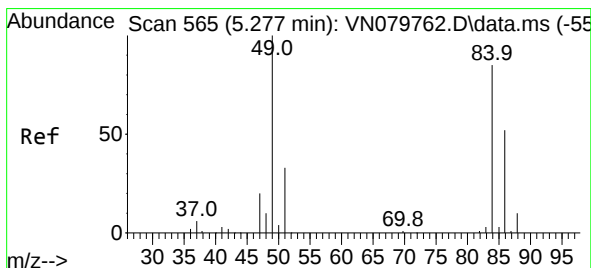
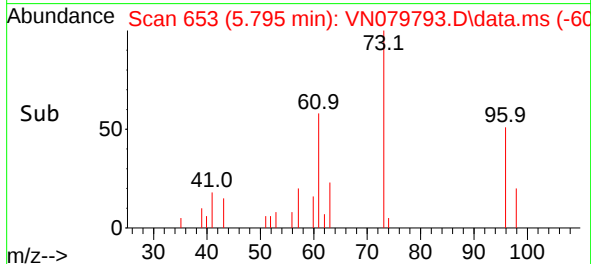
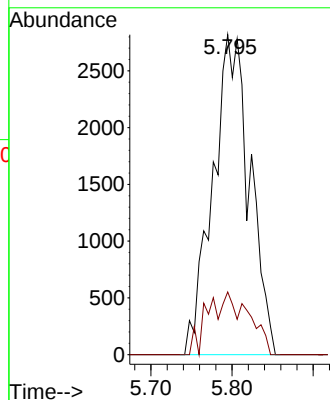
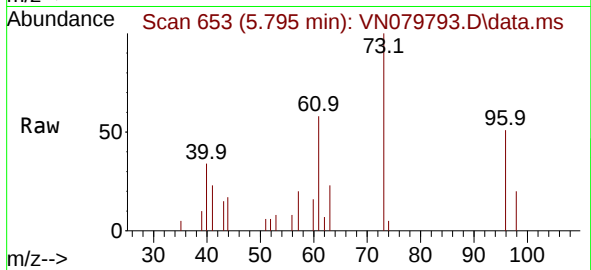
#19
Methyl tert-butyl Ether
Concen: 0.820 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 73 Resp: 8960
Ion Ratio Lower Upper
73 100
57 19.6 15.6 23.4

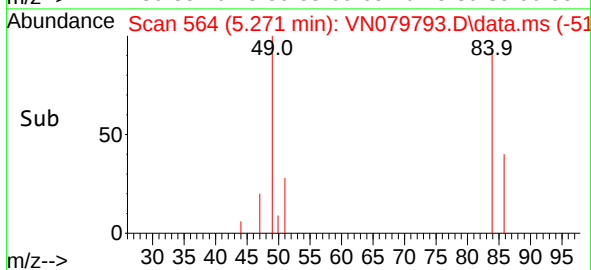
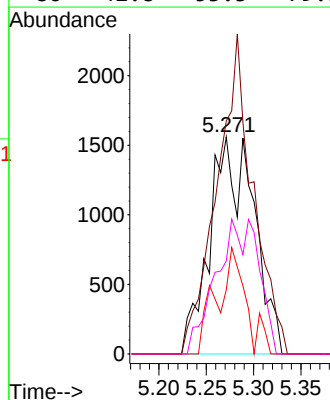
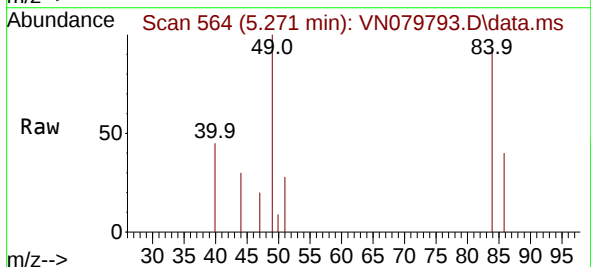
Manual Integrations
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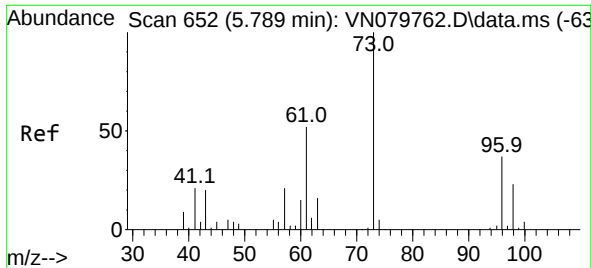
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#20
Methylene Chloride
Concen: 1.278 ug/l m
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 84 Resp: 5089
Ion Ratio Lower Upper
84 100
49 107.4 79.7 119.5
51 29.6 25.2 37.8
86 42.8 53.3 79.9#





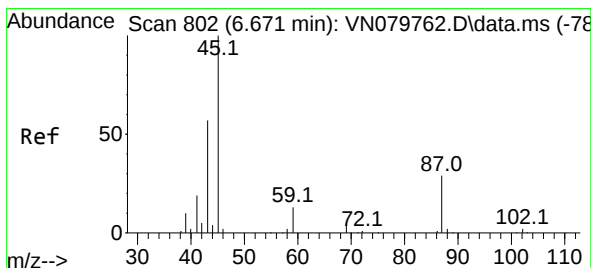
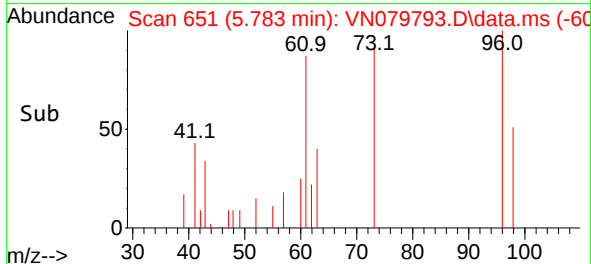
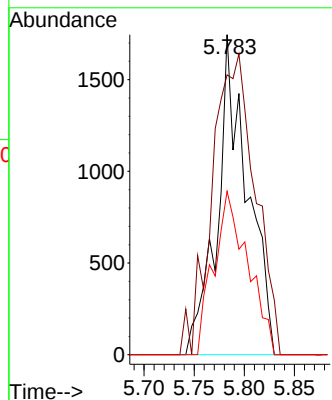
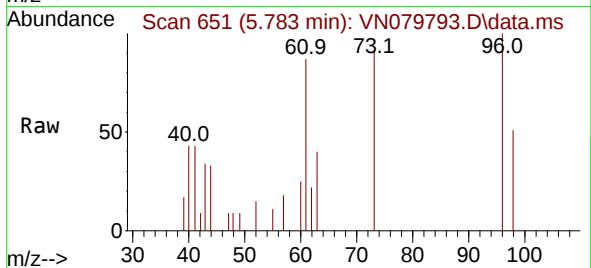
#21
trans-1,2-Dichloroethene
Concen: 1.031 ug/l
RT: 5.783 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 96 Resp: 3650
Ion Ratio Lower Upper
96 100
61 87.4 90.1 135.1#
98 51.1 46.4 69.6

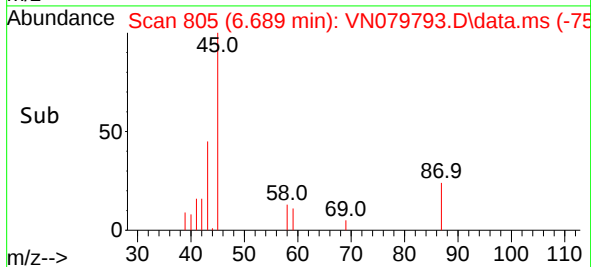
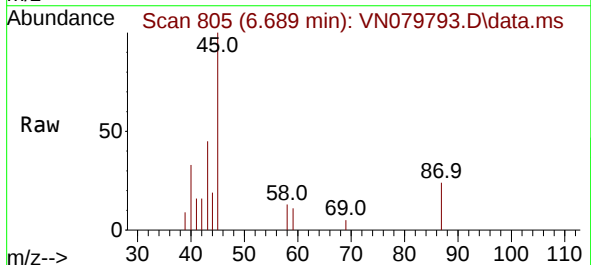
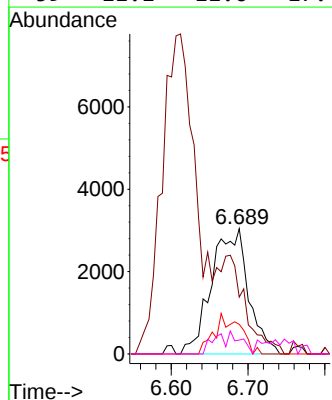
Manual Integrations
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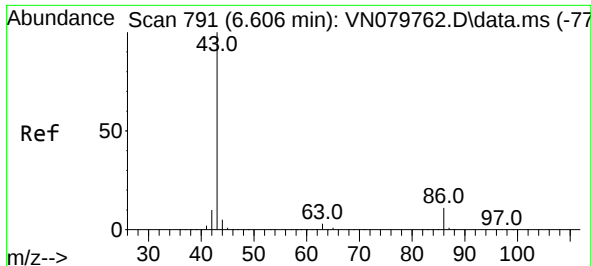
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#22
Diisopropyl ether
Concen: 0.900 ug/l m
RT: 6.689 min Scan# 805
Delta R.T. 0.012 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 45 Resp: 10141
Ion Ratio Lower Upper
45 100
43 45.3 45.5 68.3#
87 23.7 31.8 47.8#
59 11.1 11.6 17.4#





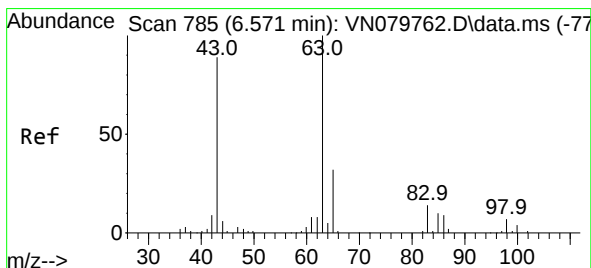
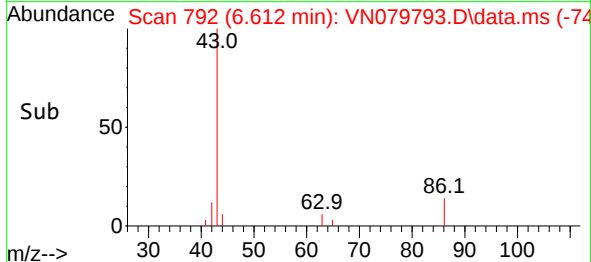
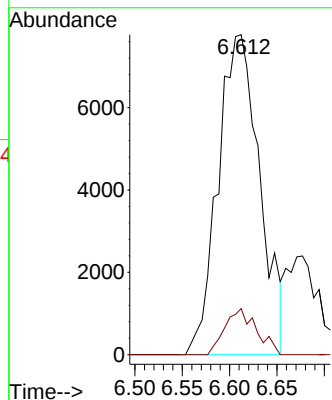
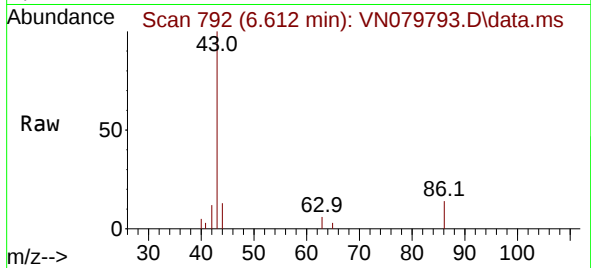
#23
 Vinyl Acetate
 Concen: 3.826 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Tgt Ion: 43 Resp: 2377
 Ion Ratio Lower Upper
 43 100
 86 14.4 13.0 19.6

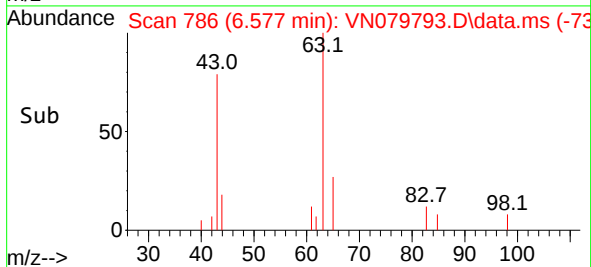
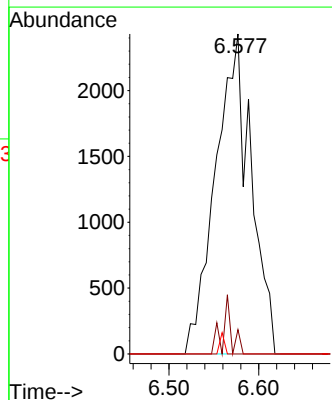
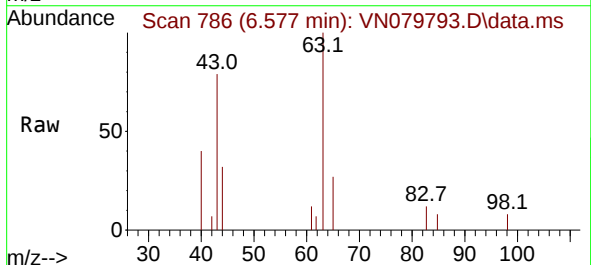
Manual Integrations
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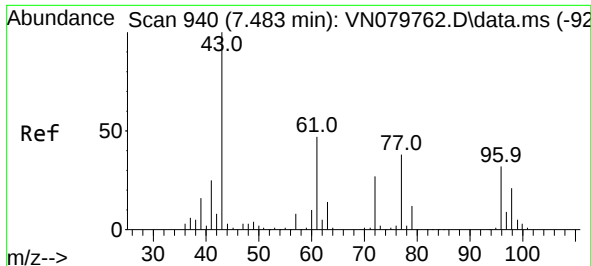
Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023



#24
 1,1-Dichloroethane
 Concen: 0.975 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

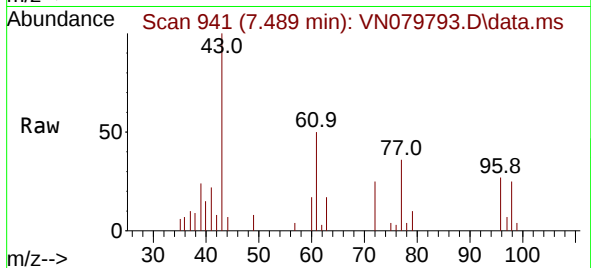
Tgt Ion: 63 Resp: 6672
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 0.0 2.5 7.4#





#25
2-Butanone
Concen: 4.861 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

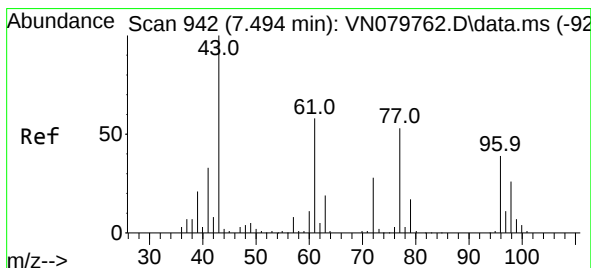
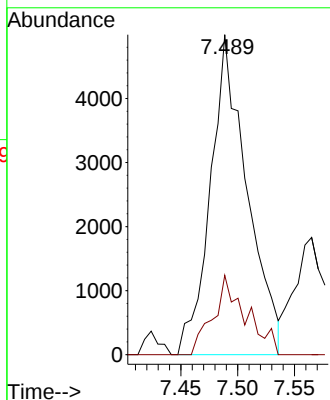
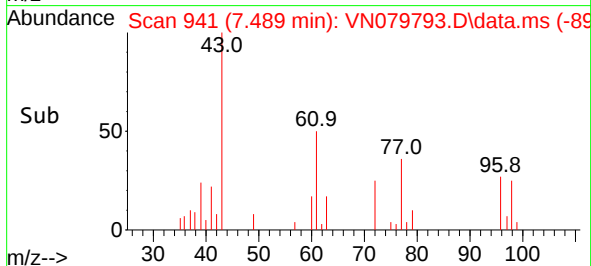
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
72 24.8 30.2 45.2

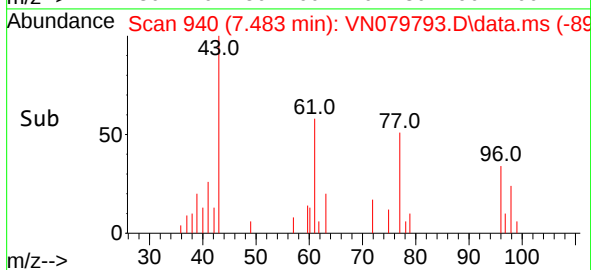
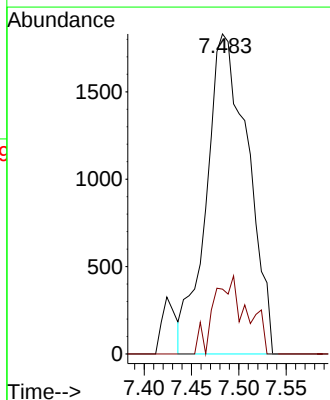
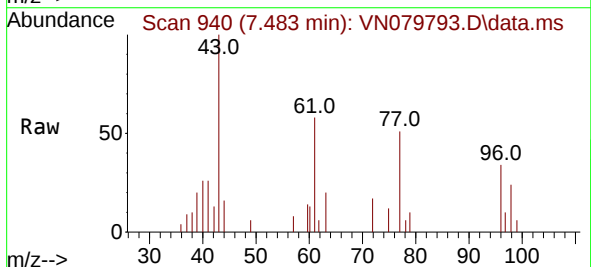
Manual Integrations
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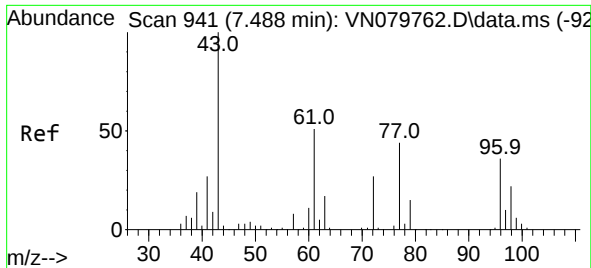
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#26
2,2-Dichloropropane
Concen: 0.989 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

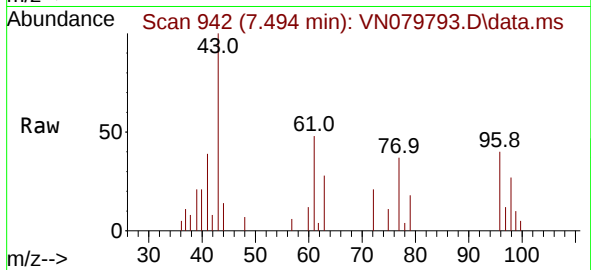
Tgt Ion: 77 Resp: 5598
Ion Ratio Lower Upper
77 100
97 19.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 0.899 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

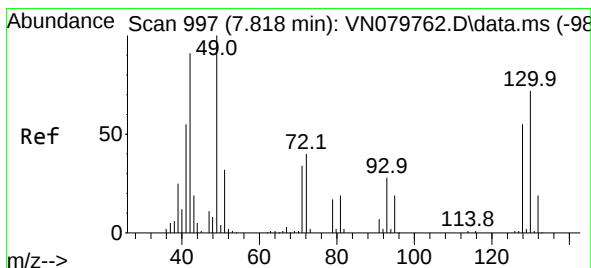
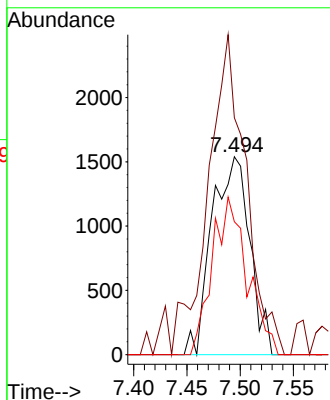
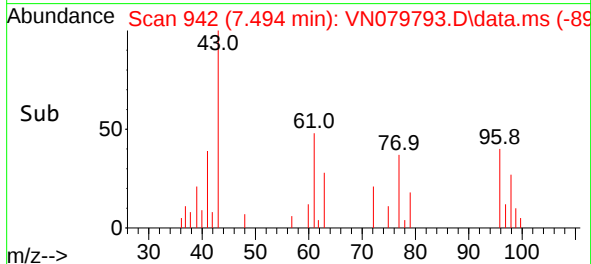
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023



Tgt Ion: 96 Resp: 3800
 Ion Ratio Lower Upper
 96 100
 61 161.1 0.0 255.2
 98 73.8 0.0 128.8

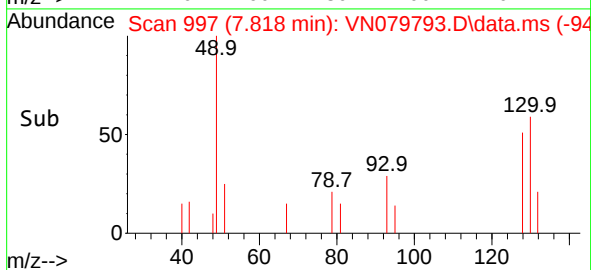
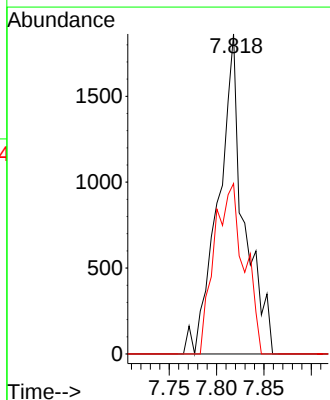
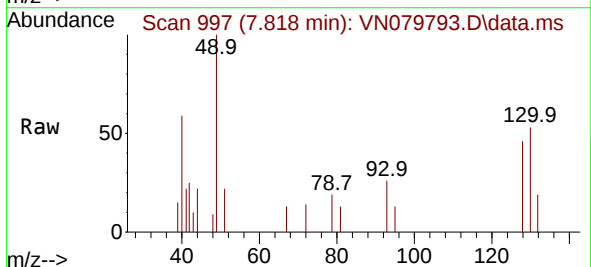
Manual Integrations
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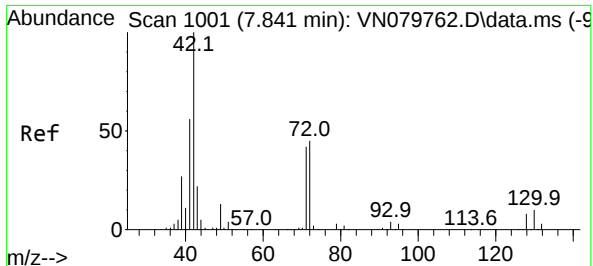
Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023



#28
 Bromochloromethane
 Concen: 1.051 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

Tgt Ion: 49 Resp: 3507
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.8
 130 62.0 75.3 112.9#





#29

Tetrahydrofuran

Concen: 4.237 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 42 Resp: 6369

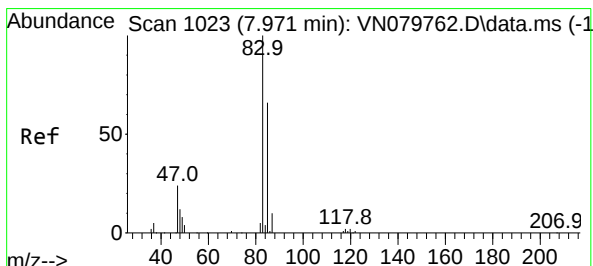
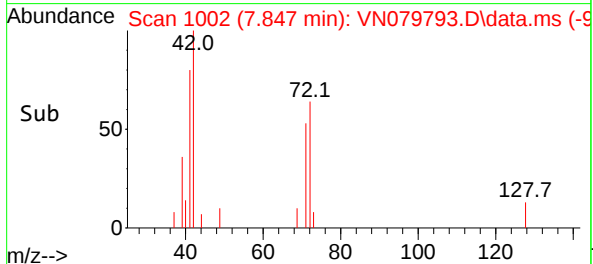
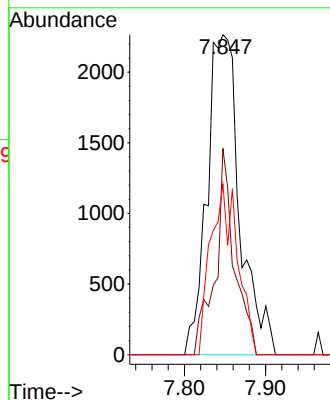
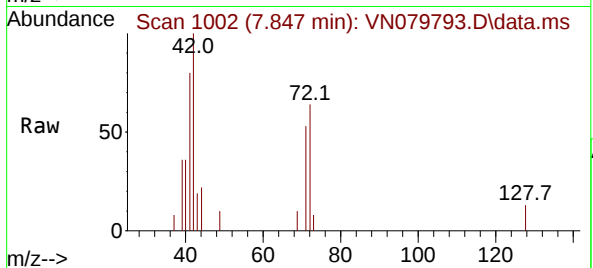
Ion	Ratio	Lower	Upper
42	100		
72	37.5	49.8	74.6
71	43.8	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#30

Chloroform

Concen: 1.377 ug/l

RT: 7.971 min Scan# 1023

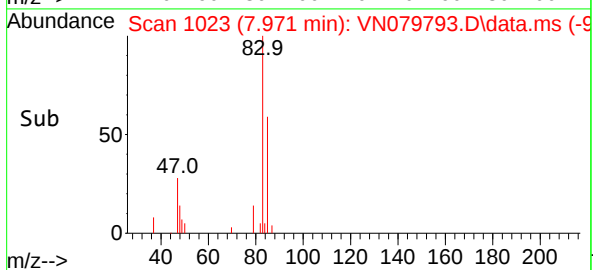
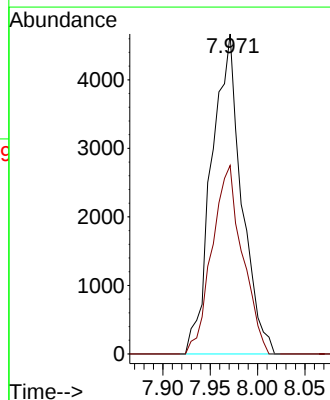
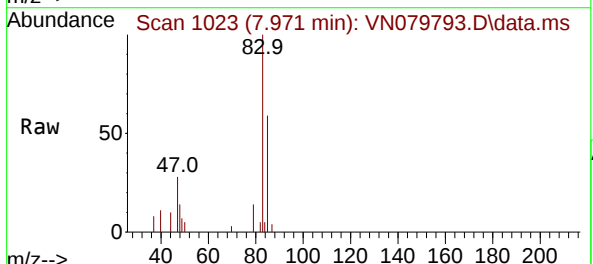
Delta R.T. 0.000 min

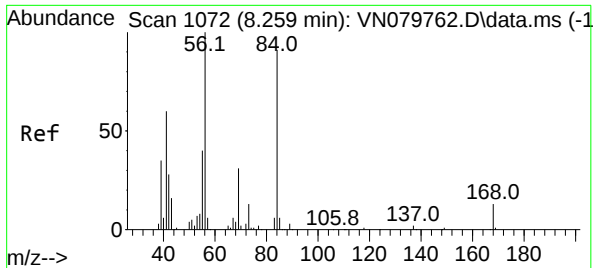
Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Tgt Ion: 83 Resp: 10242

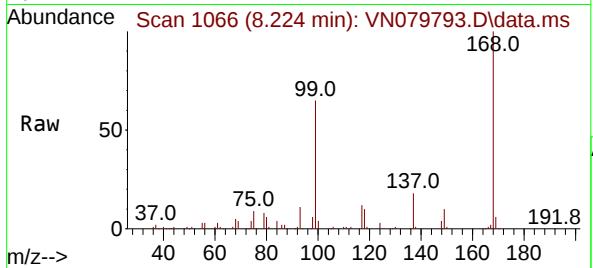
Ion	Ratio	Lower	Upper
83	100		
85	58.9	55.4	83.0





#31
Cyclohexane
Concen: 2.274 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

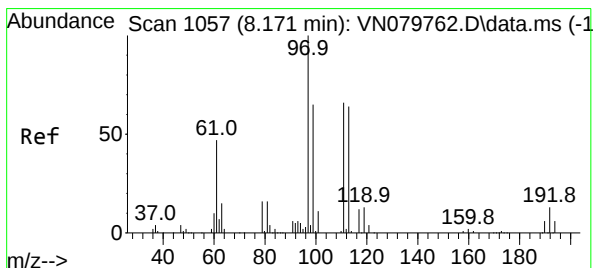
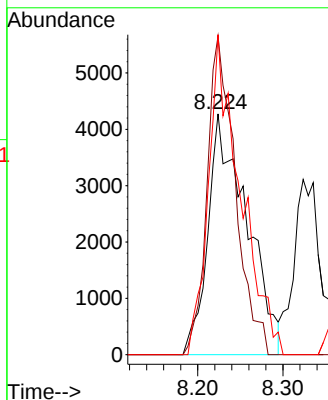
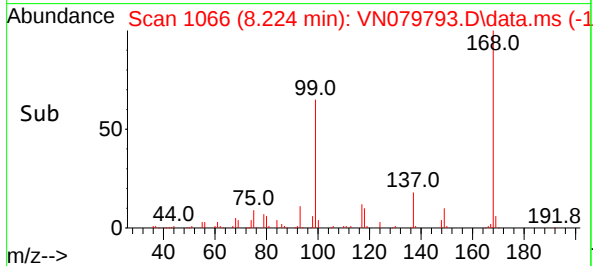
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion: 56 Resp: 1349
Ion Ratio Lower Upper
56 100
69 132.4 26.8 40.2
84 132.9 81.8 122.6

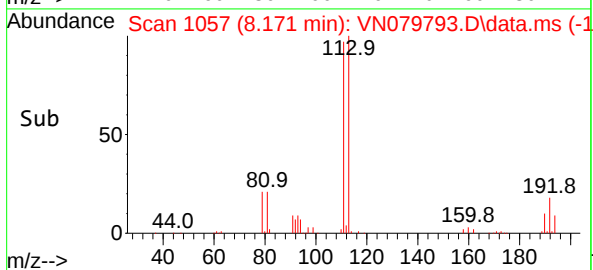
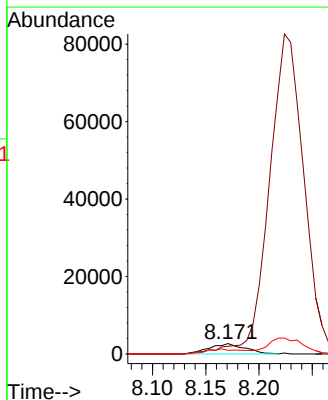
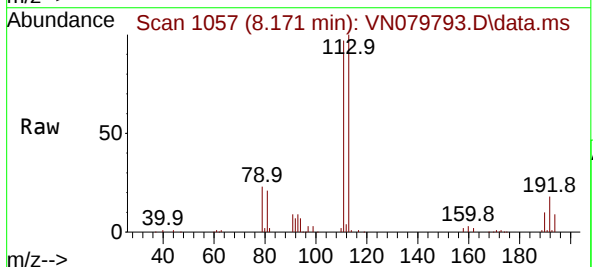
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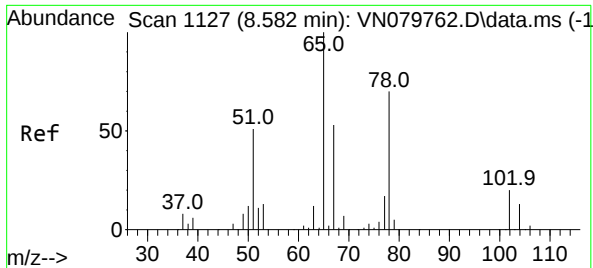
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#32
1,1,1-Trichloroethane
Concen: 1.028 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 97 Resp: 6232
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 50.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.715 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 65 Resp: 241269

Ion Ratio Lower Upper

65 100

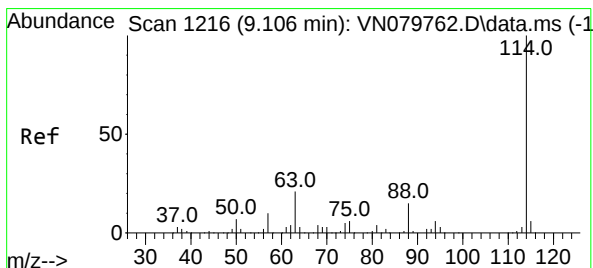
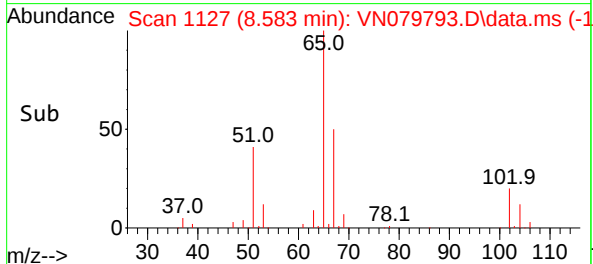
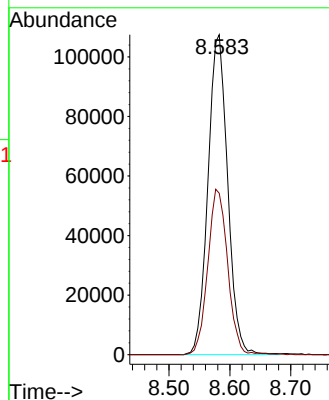
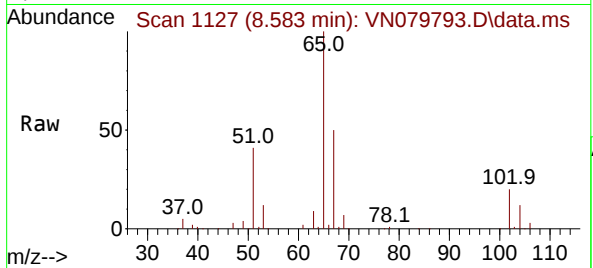
67 52.3 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

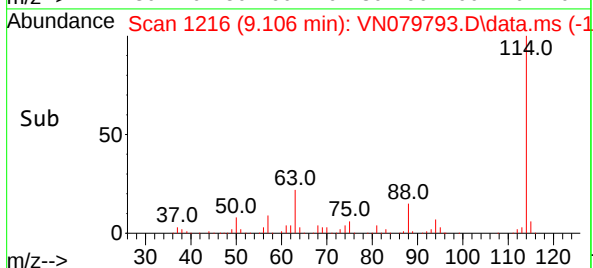
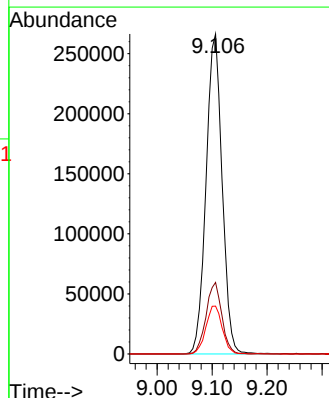
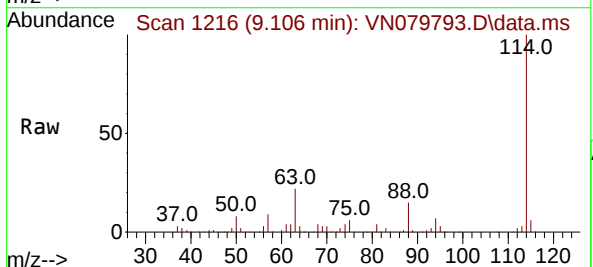
Tgt Ion:114 Resp: 540529

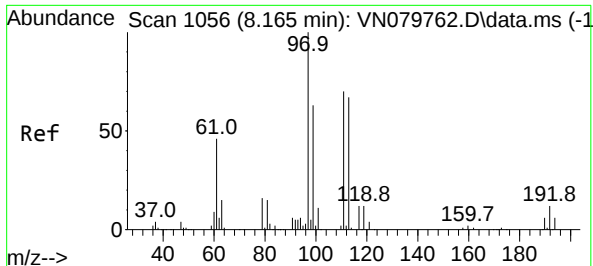
Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.901 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

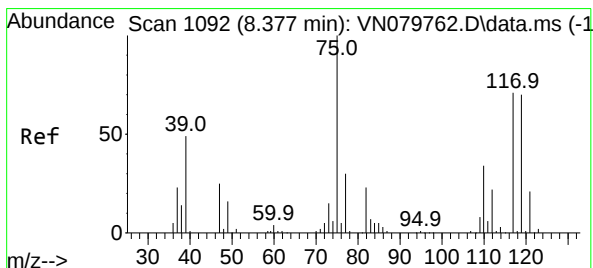
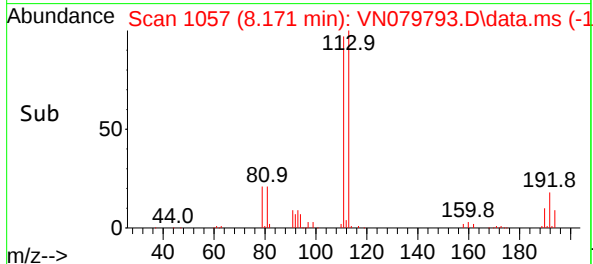
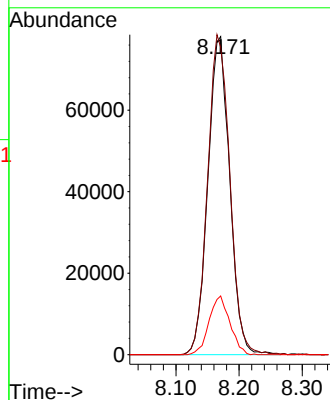
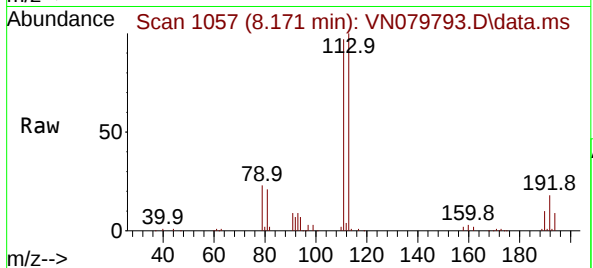
Tgt Ion:	113	Resp:	18707
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.6	123.8
192	17.7	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#36

1,1-Dichloropropene

Concen: 0.930 ug/l

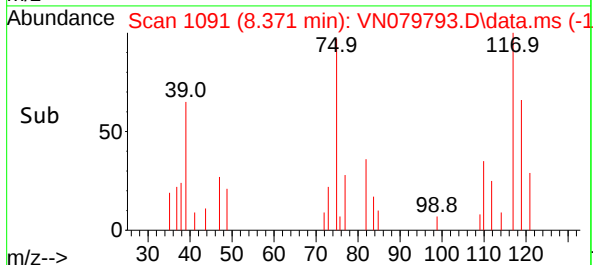
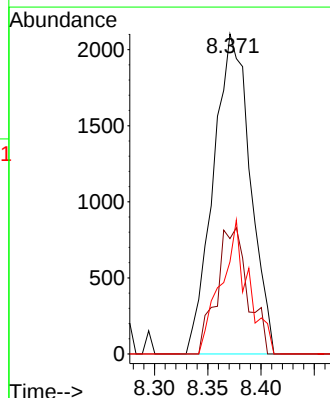
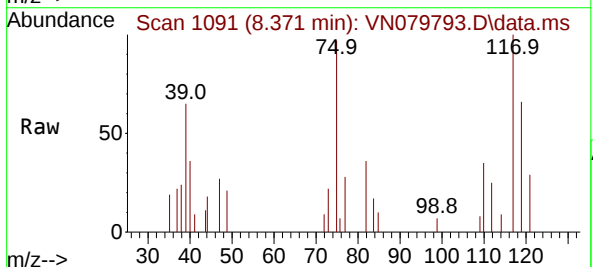
RT: 8.371 min Scan# 1091

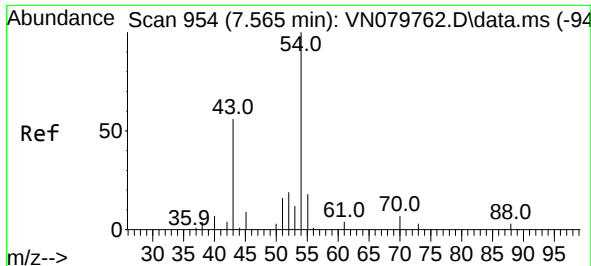
Delta R.T. -0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

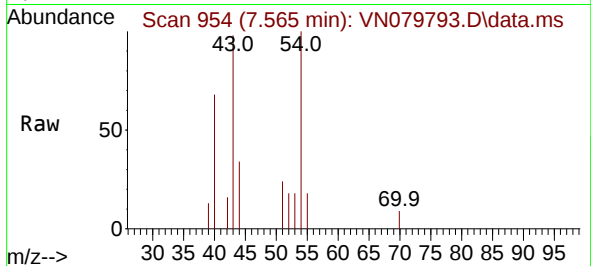
Tgt Ion:	75	Resp:	5078
Ion Ratio	Lower	Upper	
75	100		
110	33.1	19.1	57.3
77	31.3	25.0	37.4





#37
Ethyl Acetate
Concen: 0.889 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

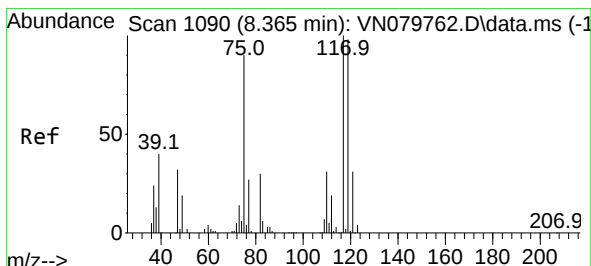
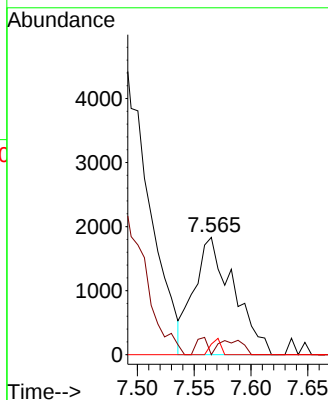
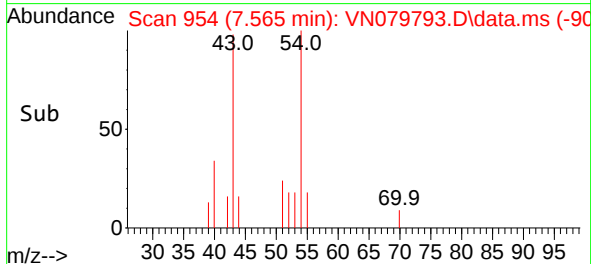
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:	43	Resp:	445
Ion Ratio	Lower	Upper	
43	100		
61	0.0	13.2	19.8
70	3.3	11.3	16.9

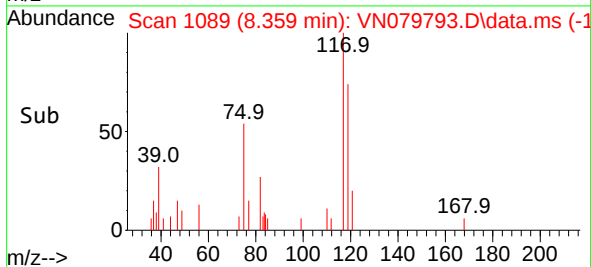
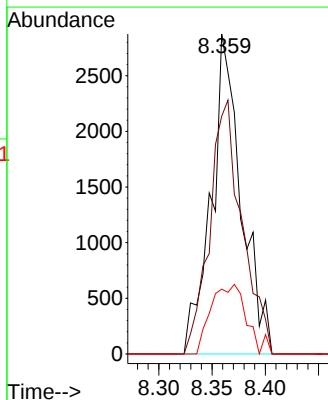
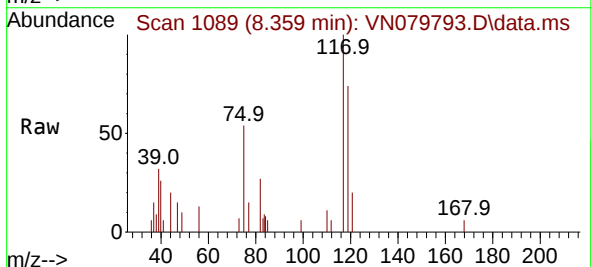
Manual Integrations
APPROVED

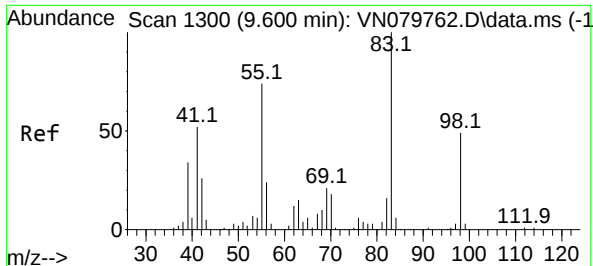
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#38
Carbon Tetrachloride
Concen: 1.019 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:	117	Resp:	5611
Ion Ratio	Lower	Upper	
117	100		
119	74.3	77.3	115.9#
121	20.2	23.3	34.9#





#39

Methylcyclohexane

Concen: 0.875 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

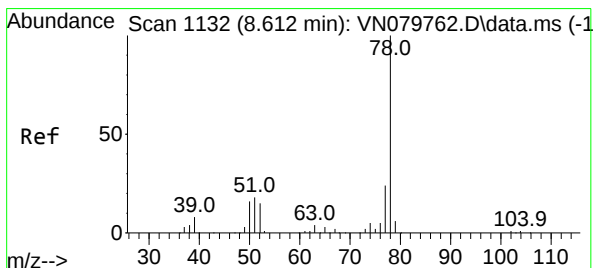
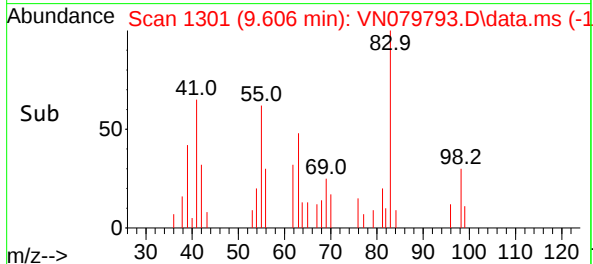
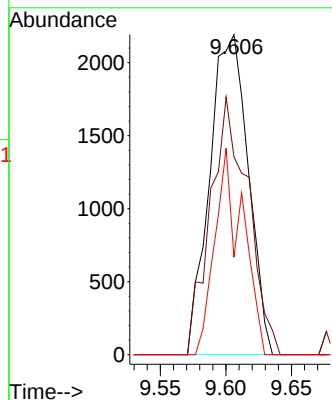
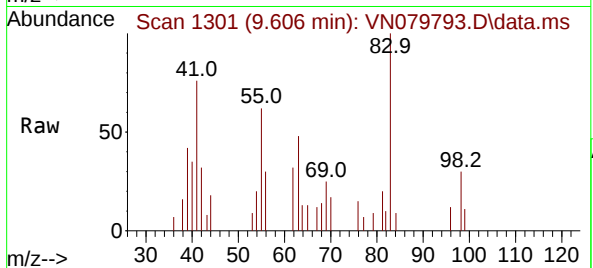
LOQ-WATER-02-QT4-2023

Tgt Ion: 83	Resp: 449
Ion Ratio	Lower Upper
83 100	
55 61.8	49.1 73.7
98 30.4	40.6 61.0

Manual Integrations
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Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#40

Benzene

Concen: 0.943 ug/l

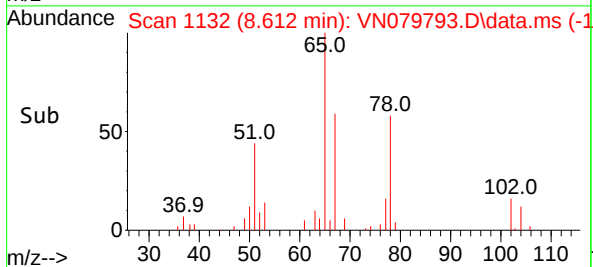
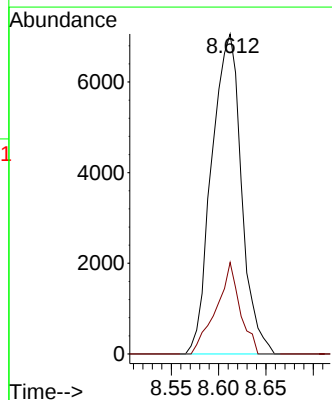
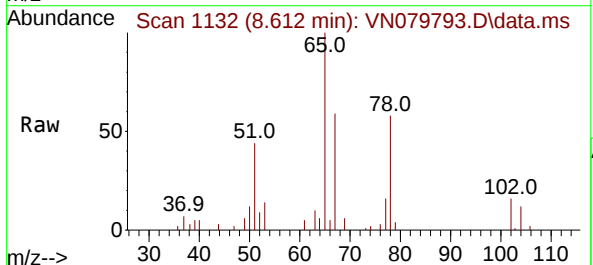
RT: 8.612 min Scan# 1132

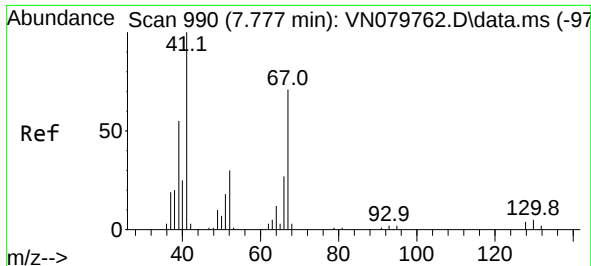
Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

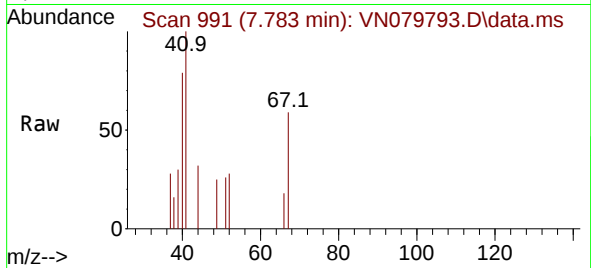
Tgt Ion: 78	Resp: 15427
Ion Ratio	Lower Upper
78 100	
77 28.6	19.0 28.6





#41
Methacrylonitrile
Concen: 0.773 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

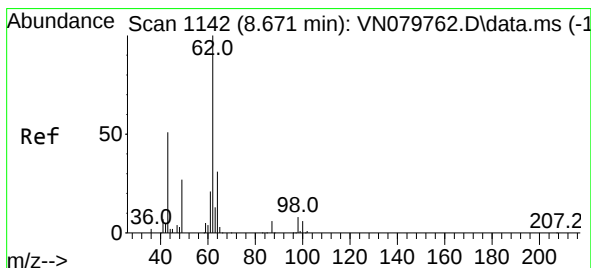
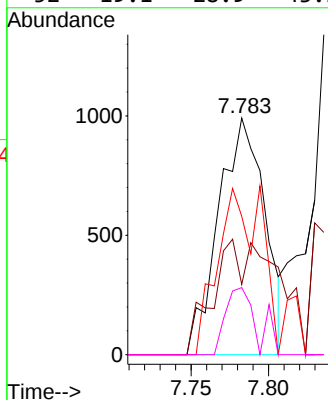
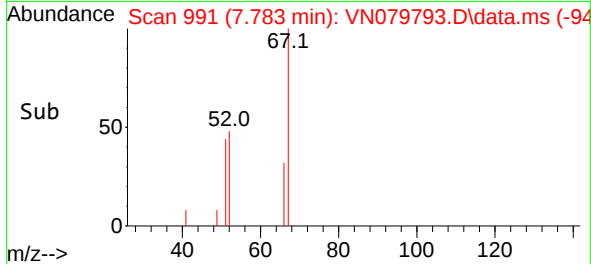
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 41 Resp: 205
Ion Ratio Lower Upper
41 100
39 31.3 42.6 64.0
67 66.3 77.5 116.3
52 19.1 28.9 43.3

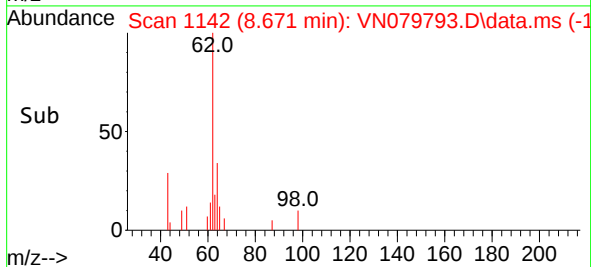
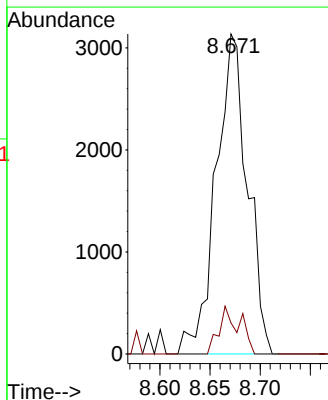
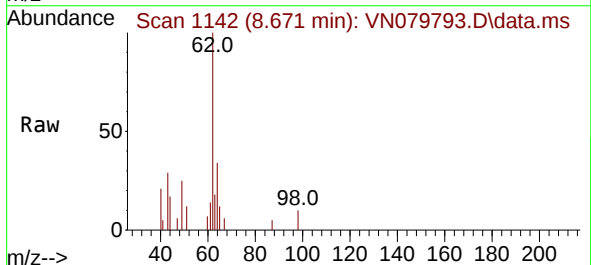
Manual Integrations
APPROVED

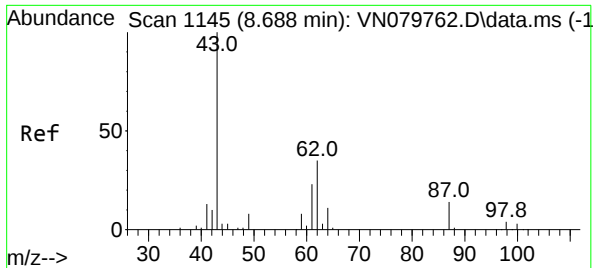
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#42
1,2-Dichloroethane
Concen: 1.199 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 62 Resp: 6853
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.8





#43

Isopropyl Acetate

Concen: 0.795 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

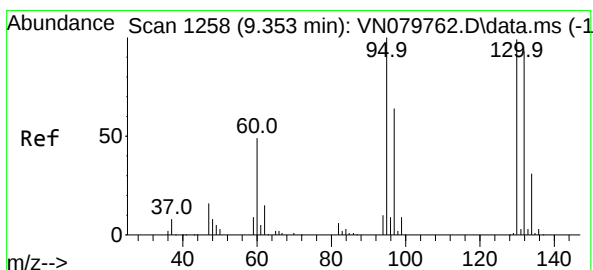
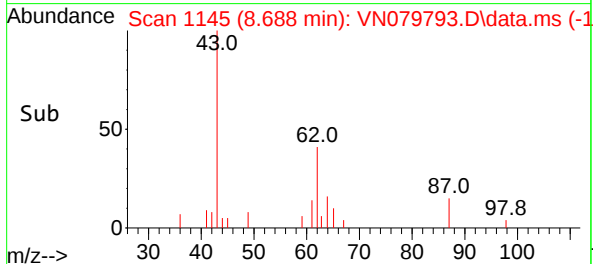
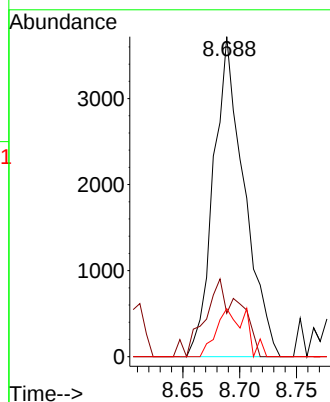
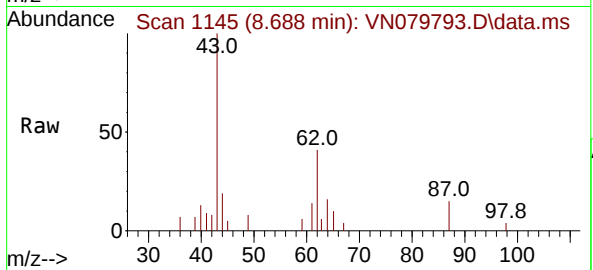
Tgt Ion: 43	Resp: 698
Ion Ratio	Lower Upper
43	100
61	27.9 24.7 37.1
87	0.0 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#44

Trichloroethene

Concen: 0.974 ug/l

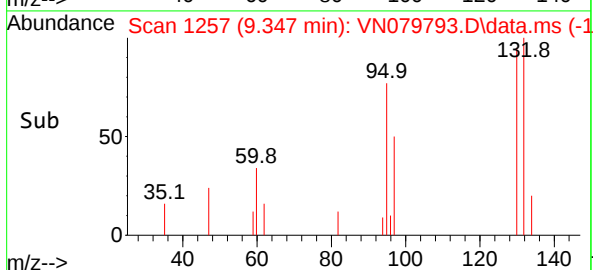
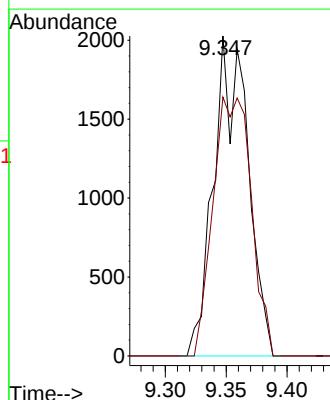
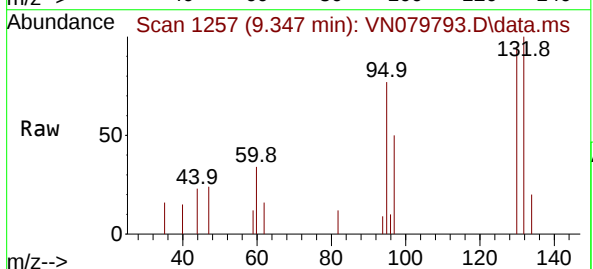
RT: 9.347 min Scan# 1257

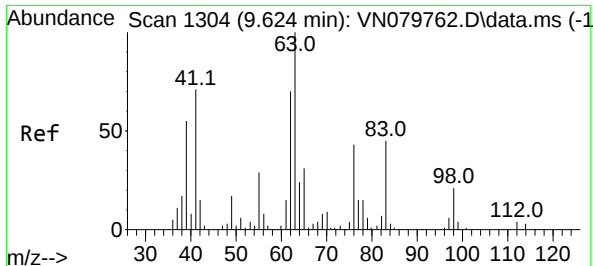
Delta R.T. -0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Tgt Ion:130	Resp: 3955
Ion Ratio	Lower Upper
130	100
95	80.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 1.000 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 63 Resp: 418

Ion Ratio Lower Upper

63 100

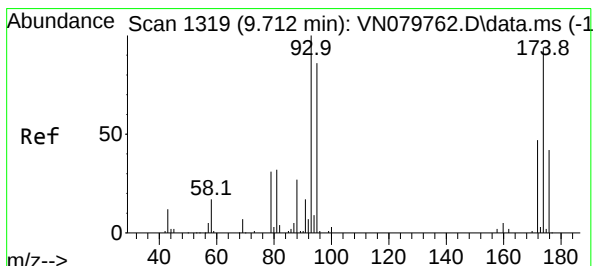
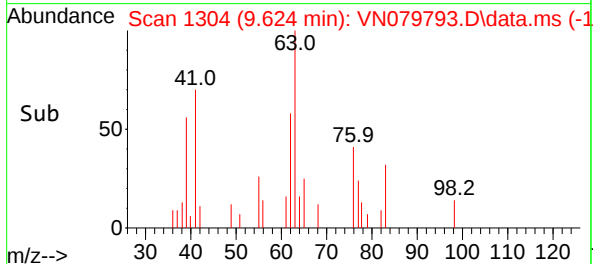
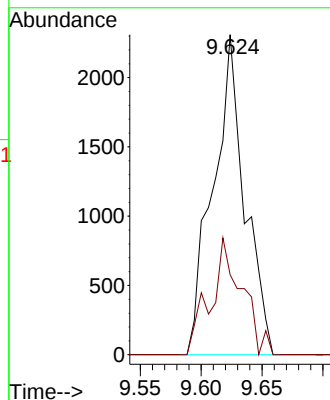
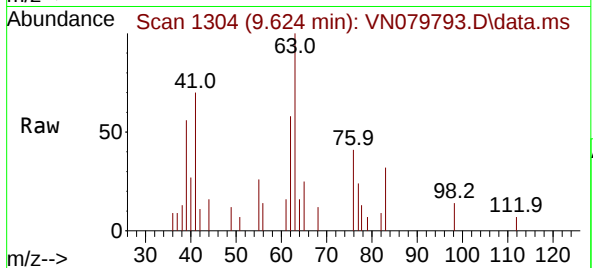
65 25.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#46

Dibromomethane

Concen: 0.939 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

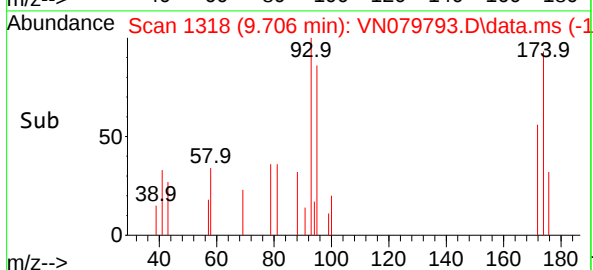
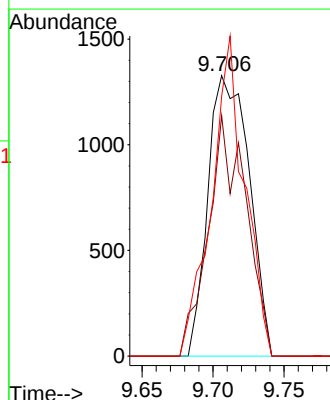
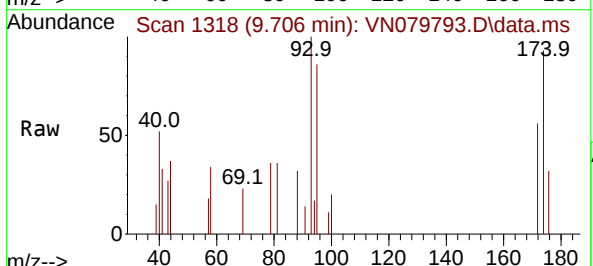
Tgt Ion: 93 Resp: 2680

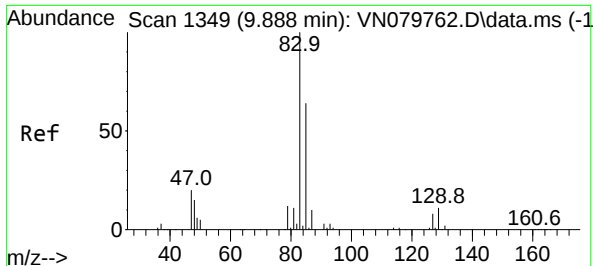
Ion Ratio Lower Upper

93 100

95 78.8 63.8 95.8

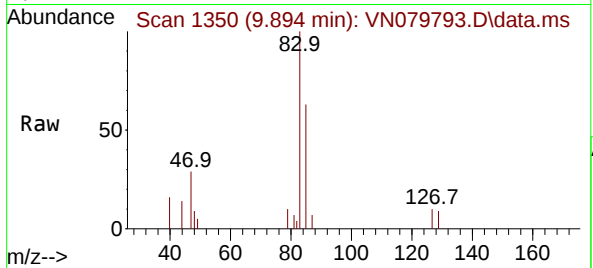
174 91.5 65.6 98.4





#47
Bromodichloromethane
Concen: 1.215 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

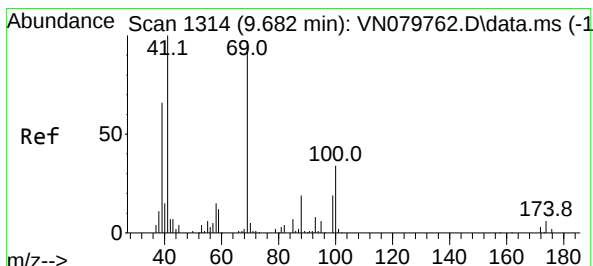
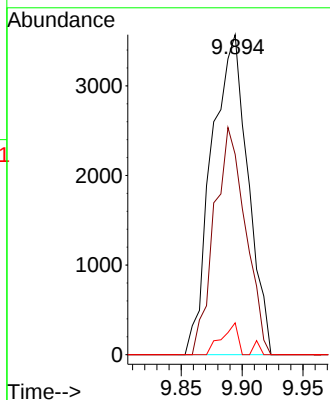
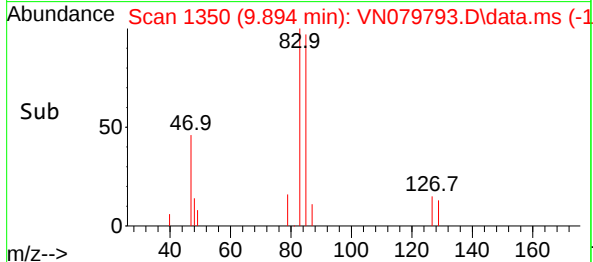
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 83 Resp: 739
Ion Ratio Lower Upper
83 100
85 62.6 49.6 74.4
127 9.9 7.0 10.6

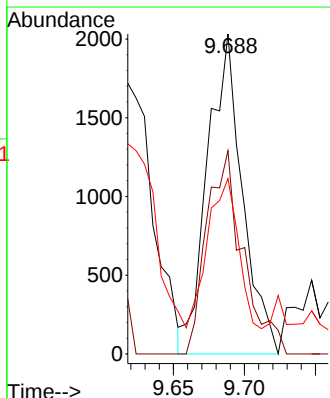
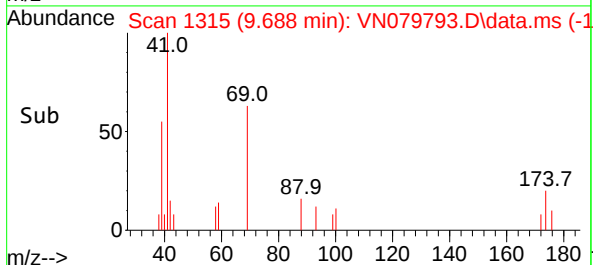
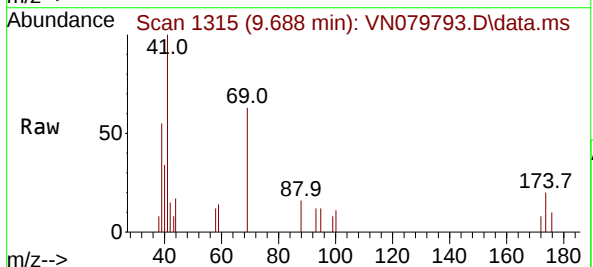
Manual Integrations
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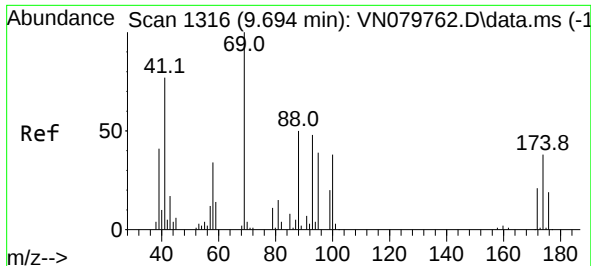
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#48
Methyl methacrylate
Concen: 0.900 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 41 Resp: 3464
Ion Ratio Lower Upper
41 100
69 66.1 90.4 135.6
39 55.6 54.6 81.8





#49

1,4-Dioxane

Concen: 13.516 ug/l

RT: 9.712 min Scan# 1316

Delta R.T. 0.018 min

Lab File: VN079793.D

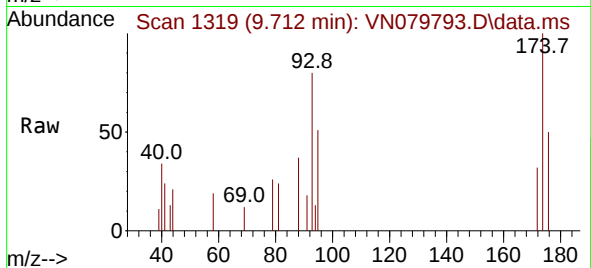
Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023



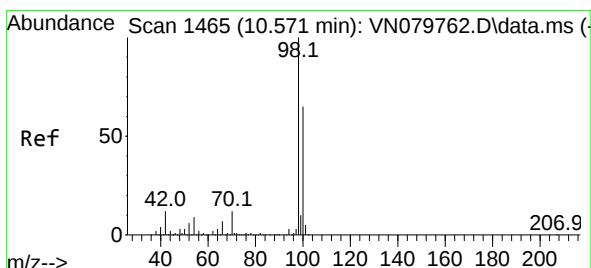
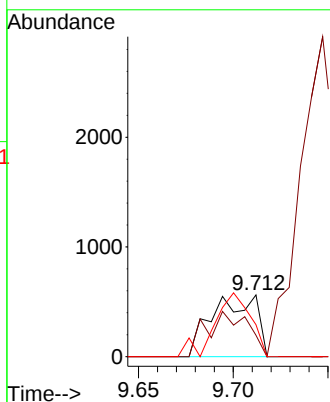
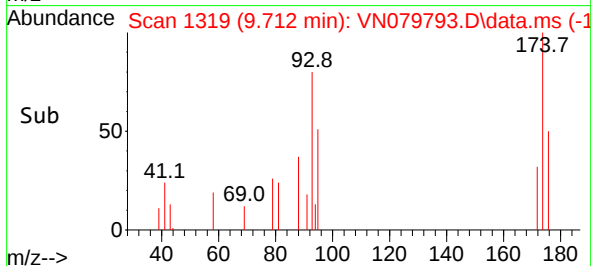
Tgt Ion: 88	Resp: 919
Ion Ratio	Lower Upper
88	100
43	68.0 17.0 25.6
58	83.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#50

Toluene-d8

Concen: 46.643 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079793.D

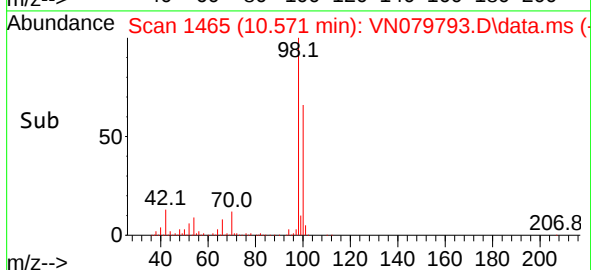
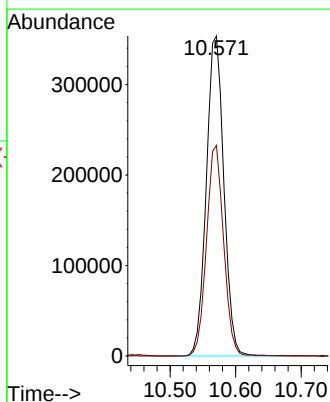
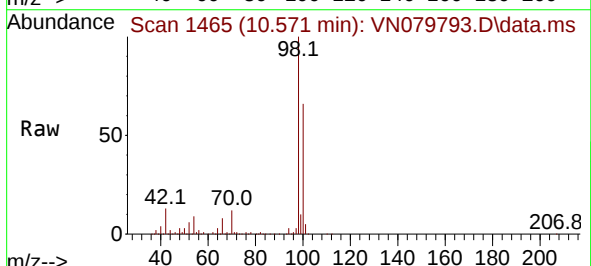
Acq: 02 Nov 2023 13:36

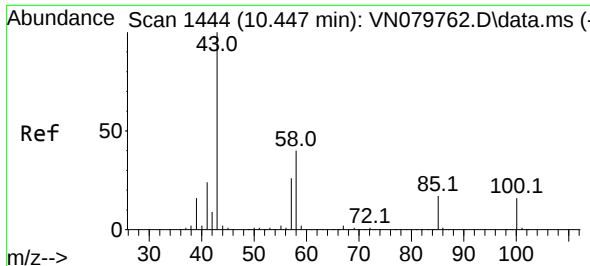
Tgt Ion: 98 Resp: 656907

Ion Ratio Lower Upper

98 100

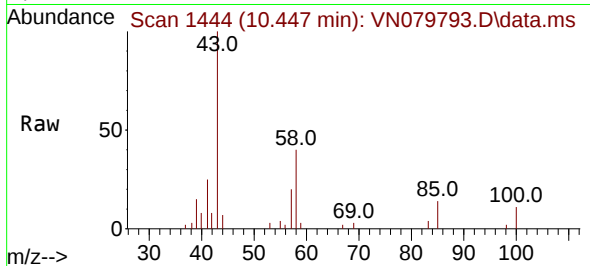
100 64.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 3.996 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

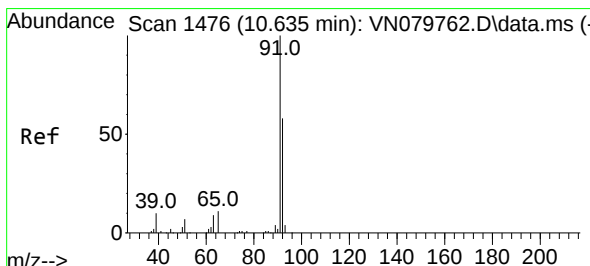
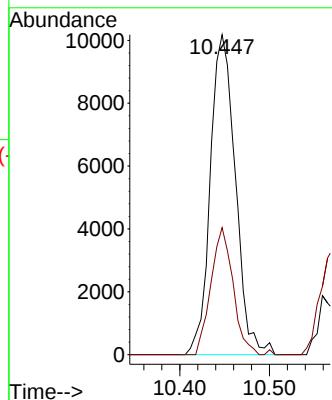
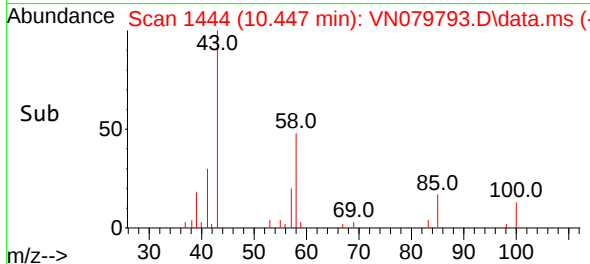
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 43 Resp: 1976
Ion Ratio Lower Upper
43 100
58 35.1 36.6 54.8

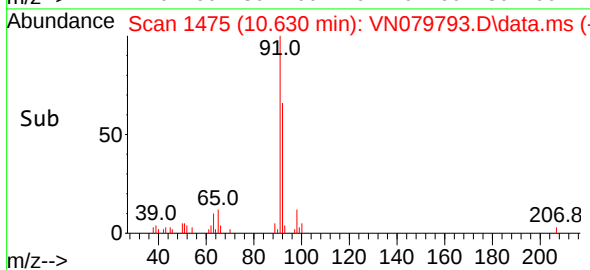
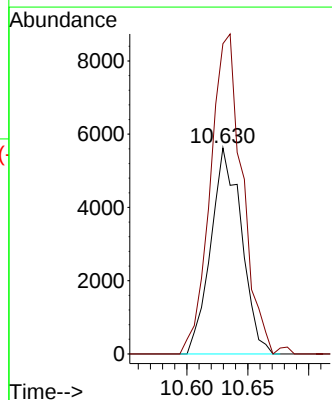
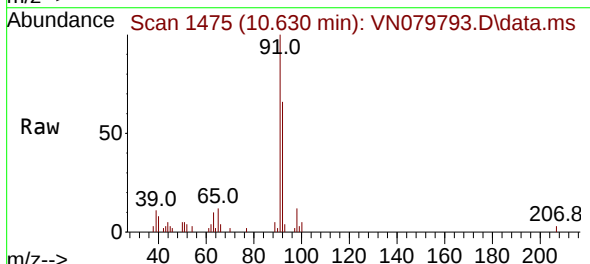
Manual Integrations
APPROVED

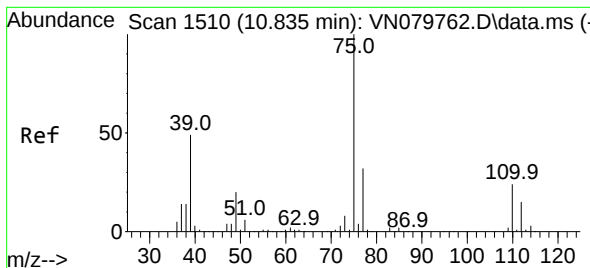
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#52
Toluene
Concen: 1.018 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

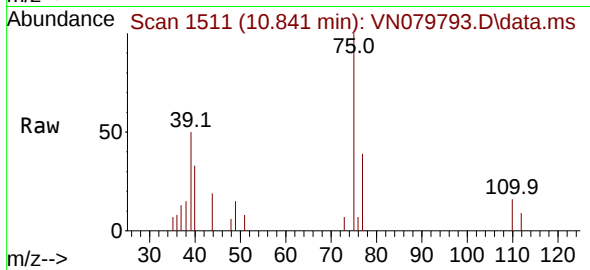
Tgt Ion: 92 Resp: 9872
Ion Ratio Lower Upper
92 100
91 162.5 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 0.828 ug/l
 RT: 10.841 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

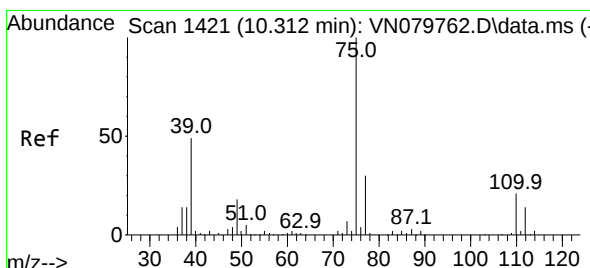
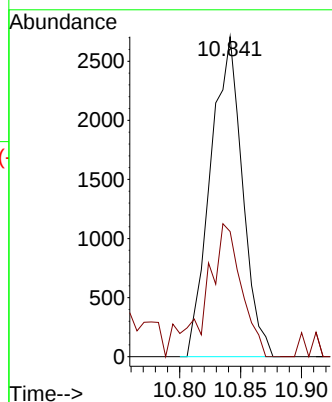
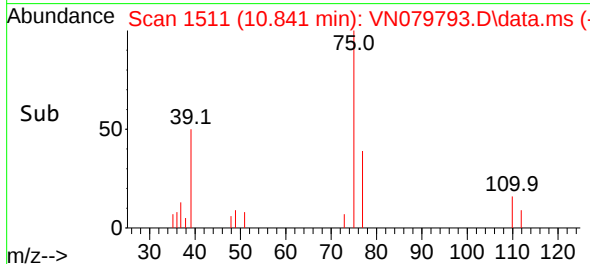
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023



Tgt Ion: 75 Resp: 4940
 Ion Ratio Lower Upper
 75 100
 77 39.1 25.4 38.0

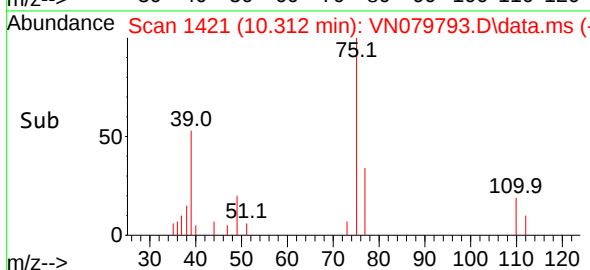
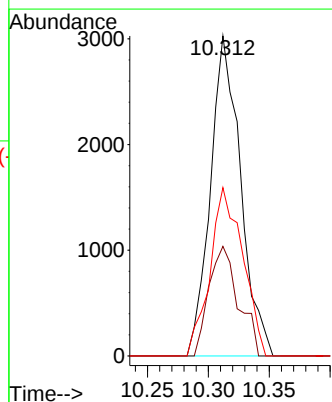
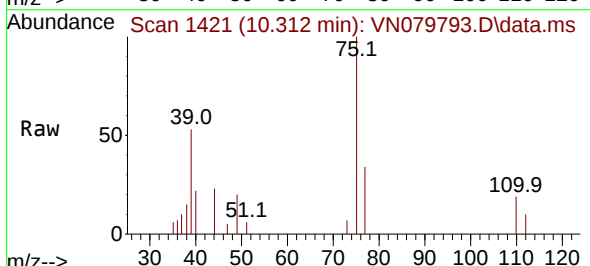
Manual Integrations
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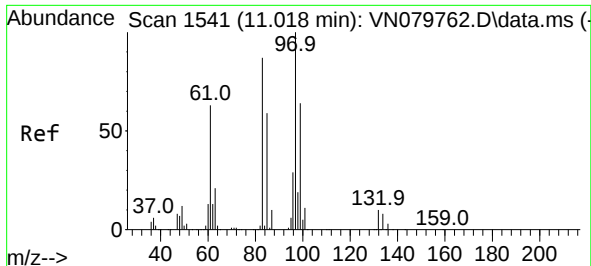
Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023



#54
 cis-1,3-Dichloropropene
 Concen: 0.802 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

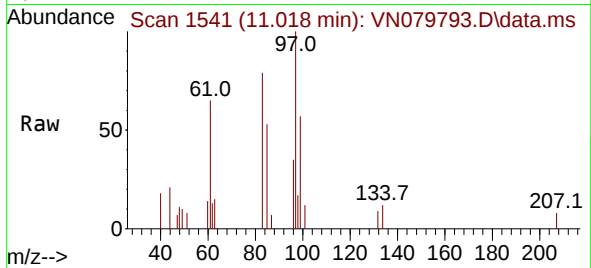
Tgt Ion: 75 Resp: 5218
 Ion Ratio Lower Upper
 75 100
 77 34.3 26.1 39.1
 39 52.6 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 1.112 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

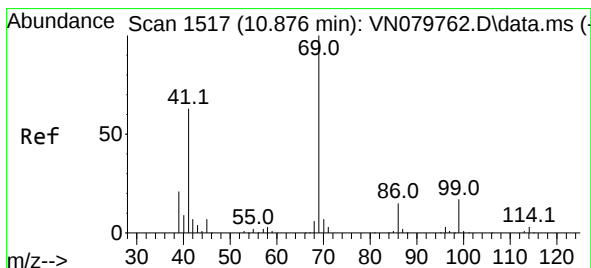
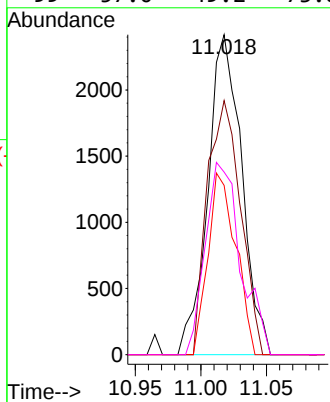
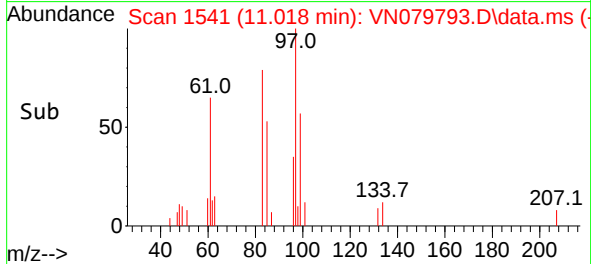
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.4	65.1	97.7
85	52.9	43.4	65.2
99	57.0	49.2	73.8

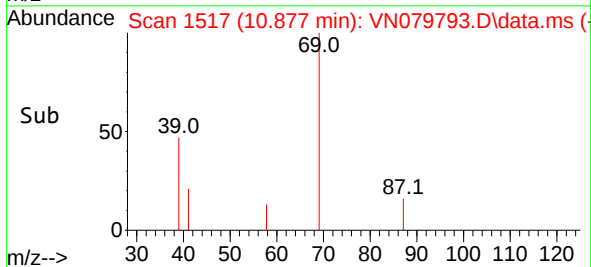
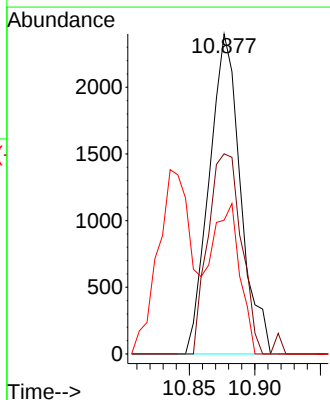
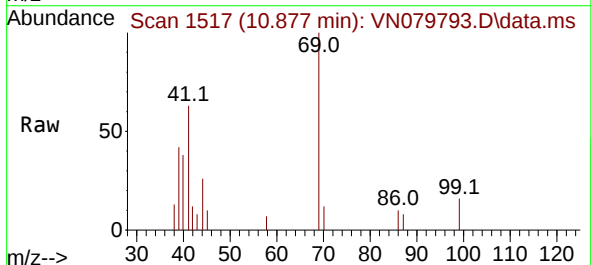
Manual Integrations
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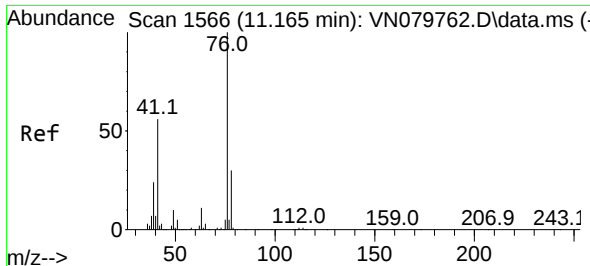
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#56
Ethyl methacrylate
Concen: 0.717 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	39.6	59.4
39	41.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 0.982 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion: 76 Resp: 6750

Ion Ratio Lower Upper

76 100

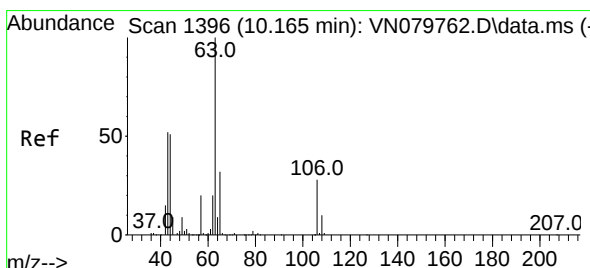
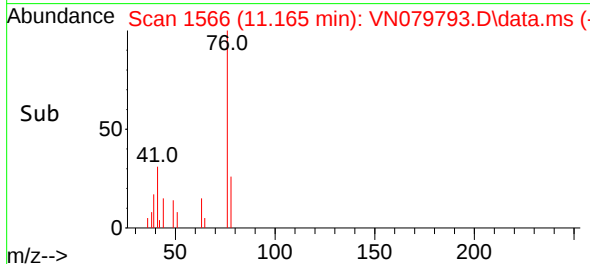
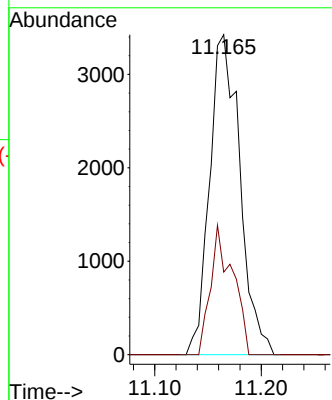
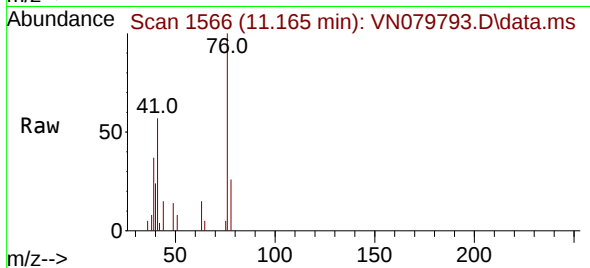
78 29.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#58

2-Chloroethyl Vinyl ether

Concen: 3.692 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN079793.D

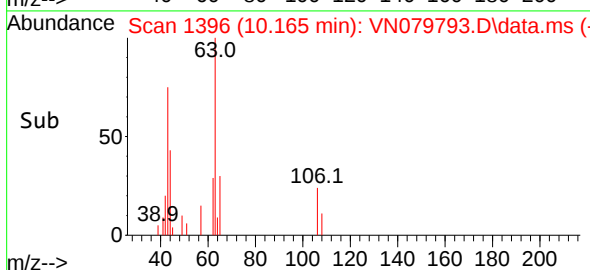
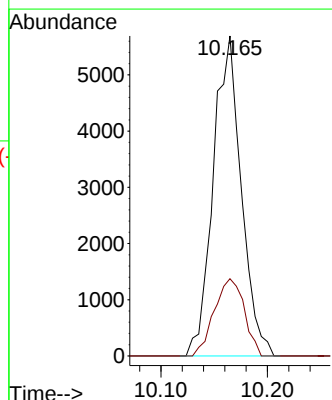
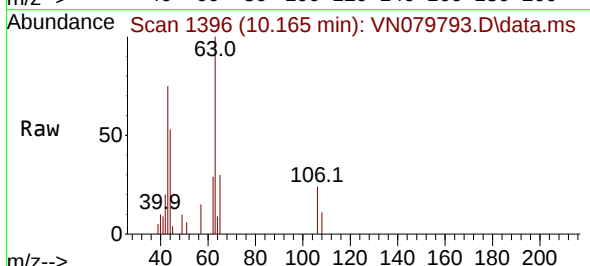
Acq: 02 Nov 2023 13:36

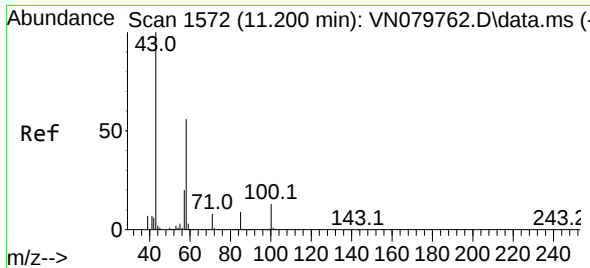
Tgt Ion: 63 Resp: 10413

Ion Ratio Lower Upper

63 100

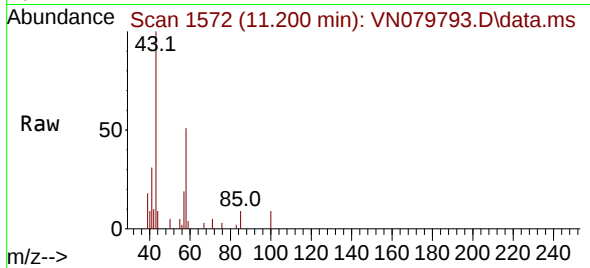
106 25.7 26.2 39.4#





#59
2-Hexanone
Concen: 3.621 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

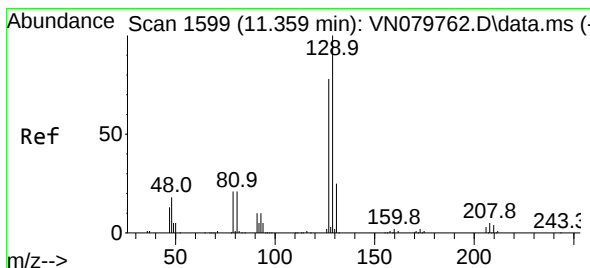
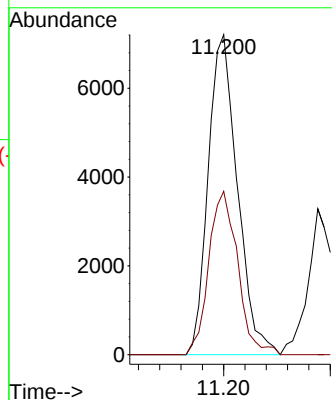
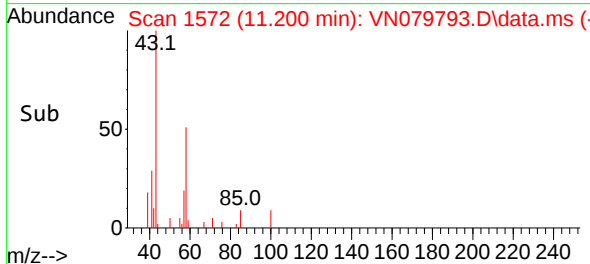
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
58 50.6 31.7 95.1

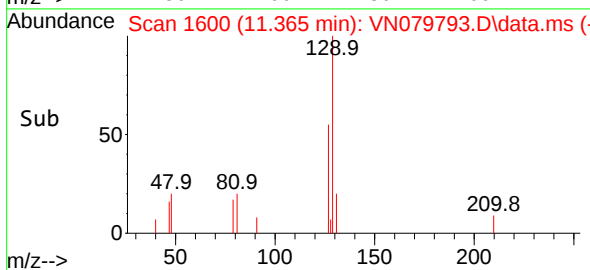
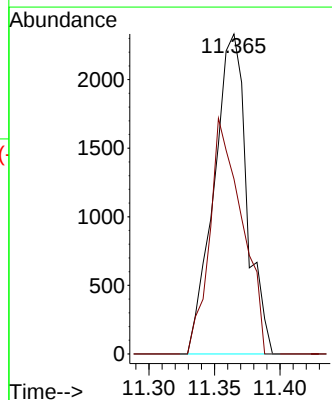
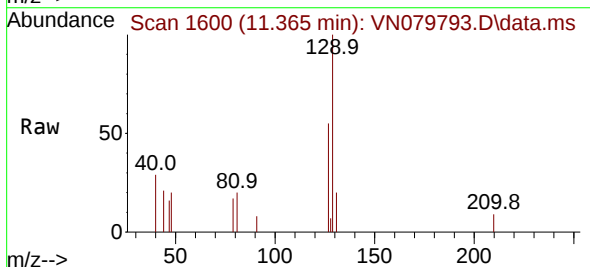
Manual Integrations
APPROVED

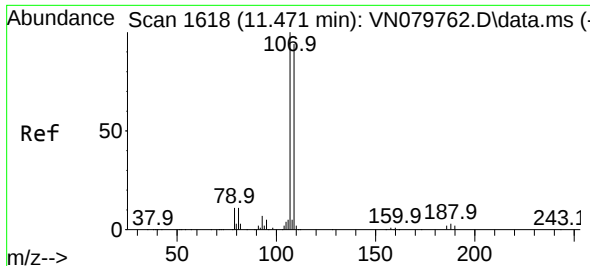
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#60
Dibromochloromethane
Concen: 0.974 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

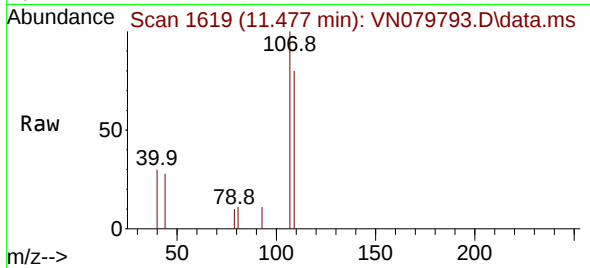
Tgt Ion:129 Resp: 4068
Ion Ratio Lower Upper
129 100
127 72.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 0.862 ug/l
RT: 11.477 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

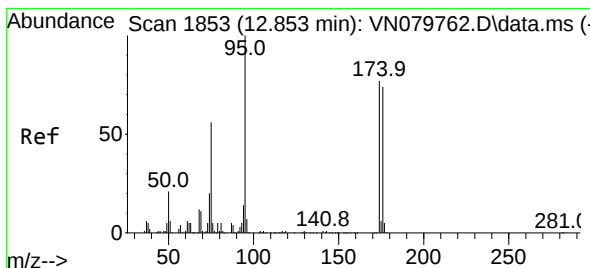
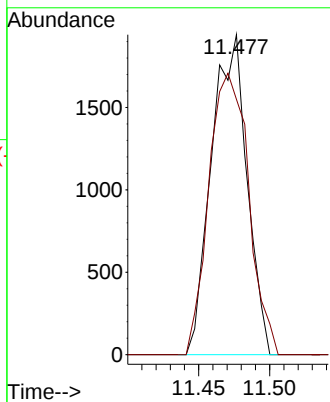
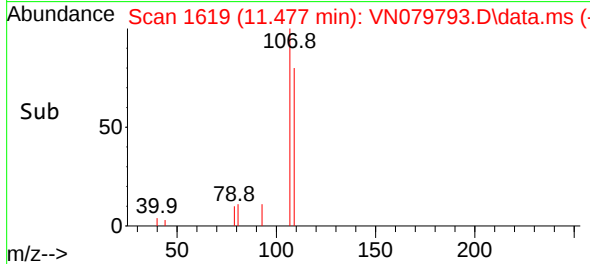
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 107 Resp: 3370
Ion Ratio Lower Upper
107 100
109 98.8 76.6 114.8

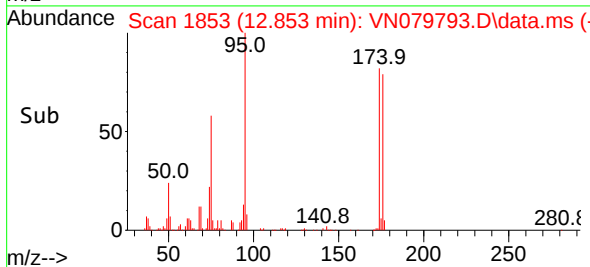
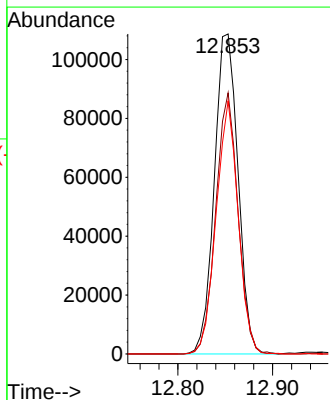
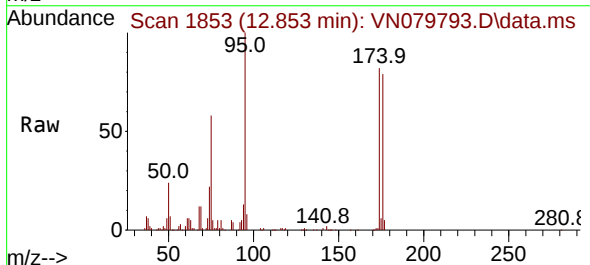
Manual Integrations
APPROVED

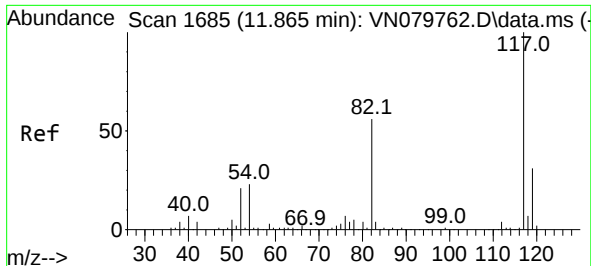
Reviewed By : John Carlone 11/03/2023
Supervised By : Mahesh Dadoda 11/03/2023



#62
4-Bromofluorobenzene
Concen: 40.400 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

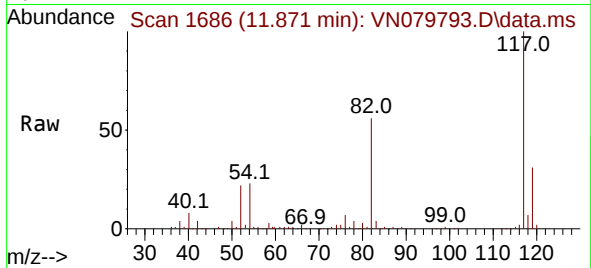
Tgt Ion: 95 Resp: 188702
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 73.5 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

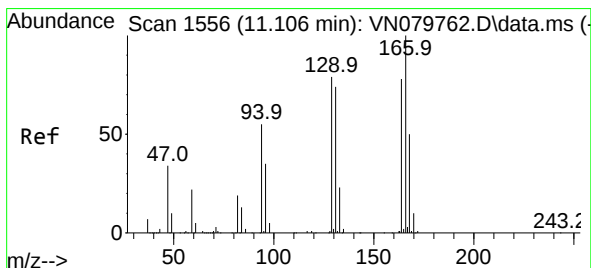
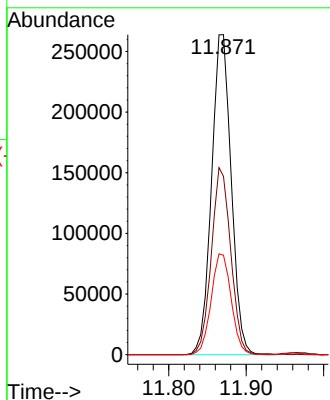
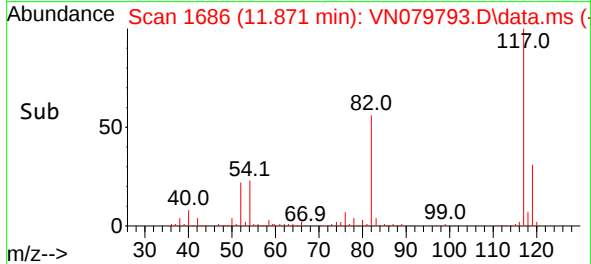
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:117 Resp: 465578
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 31.1 25.6 38.4

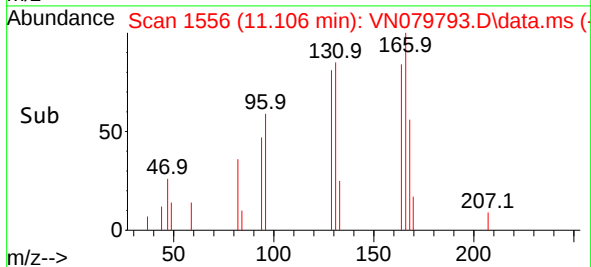
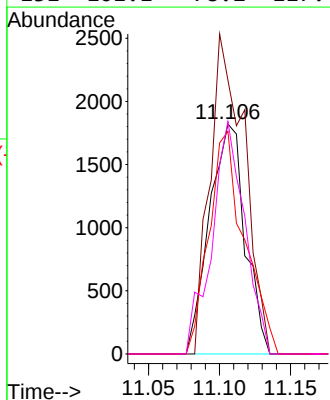
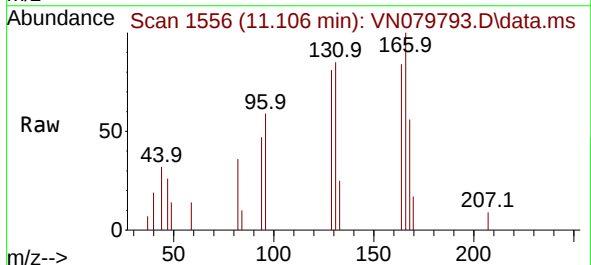
Manual Integrations
APPROVED

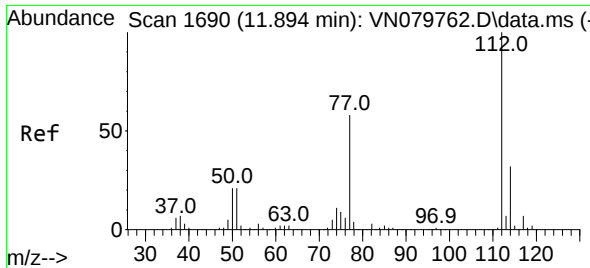
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#64
Tetrachloroethene
Concen: 1.056 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

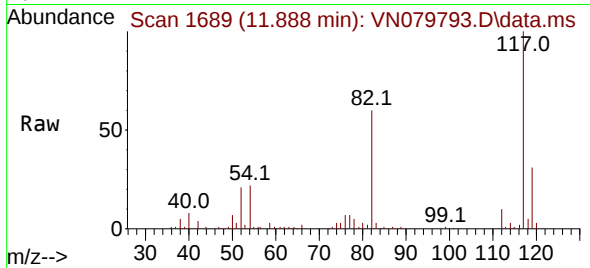
Tgt Ion:164 Resp: 3184
Ion Ratio Lower Upper
164 100
166 119.0 101.4 152.0
129 96.8 82.4 123.6
131 101.1 78.2 117.4





#65
Chlorobenzene
Concen: 0.992 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

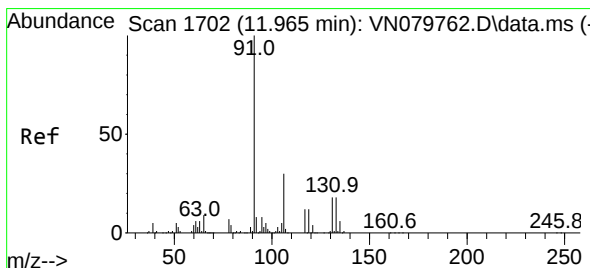
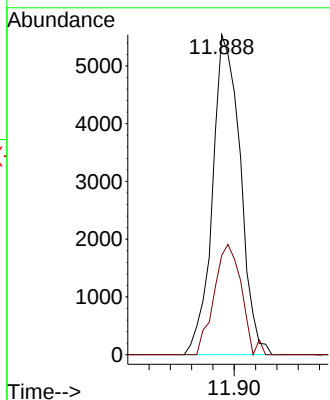
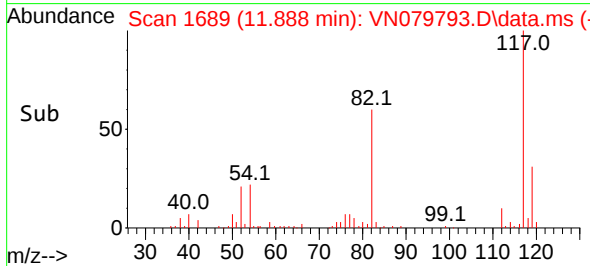
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023



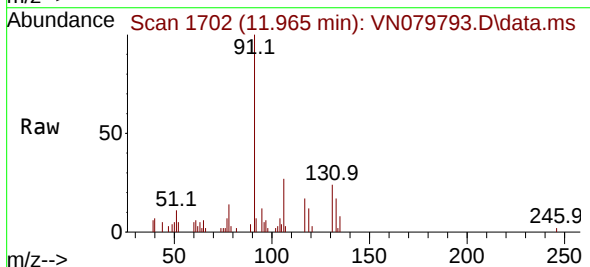
Tgt Ion:112 Resp: 10020
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

Manual Integrations
APPROVED

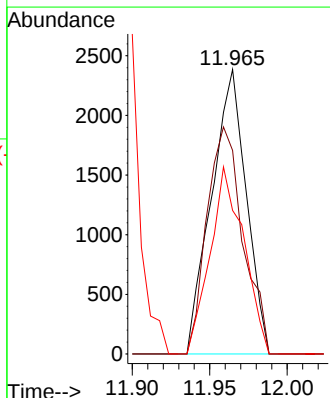
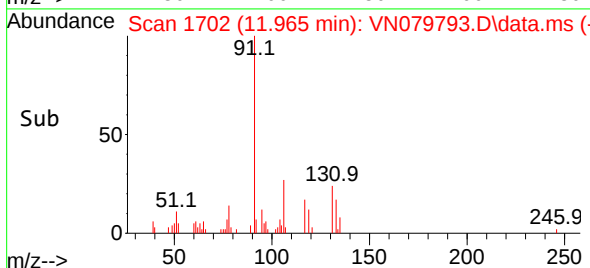
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

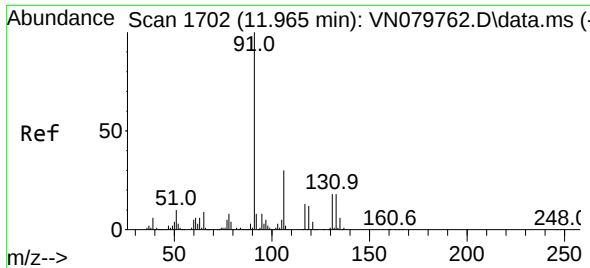


#66
1,1,1,2-Tetrachloroethane
Concen: 1.023 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36



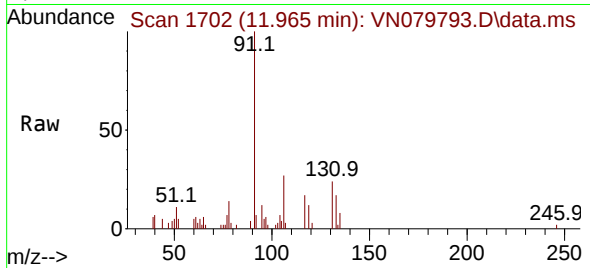
Tgt Ion:131 Resp: 3724
Ion Ratio Lower Upper
131 100
133 82.7 46.4 139.1
119 0.0 34.1 102.2#





#67
Ethyl Benzene
Concen: 0.831 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

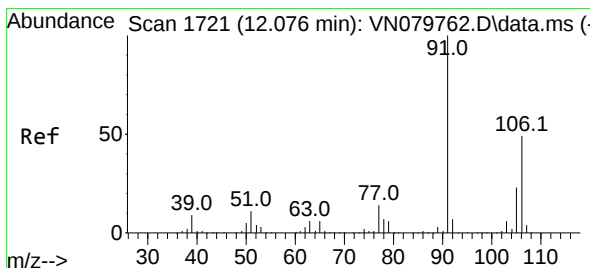
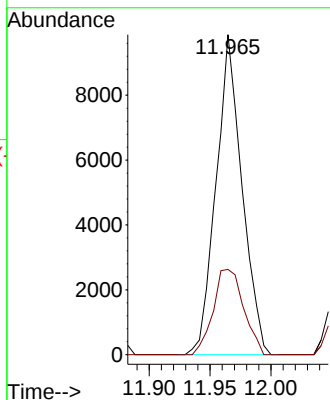
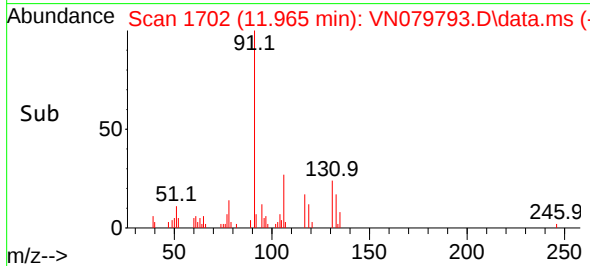
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion: 91 Resp: 1462
Ion Ratio Lower Upper
91 100
106 26.7 25.6 38.4

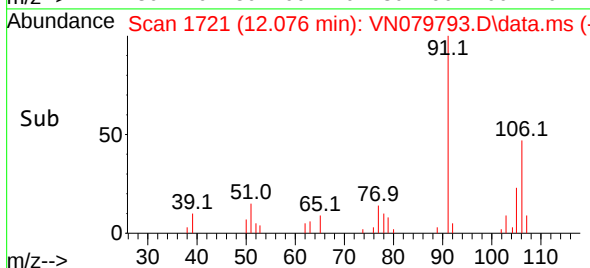
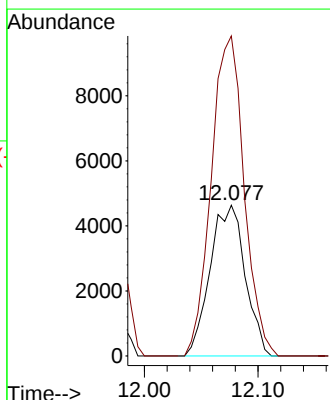
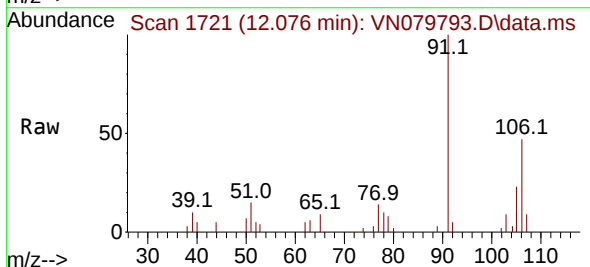
Manual Integrations
APPROVED

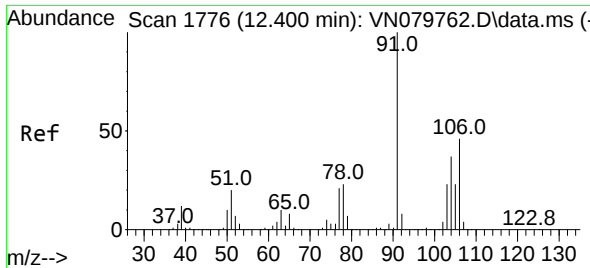
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#68
m/p-Xylenes
Concen: 1.519 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:106 Resp: 9954
Ion Ratio Lower Upper
106 100
91 198.9 159.6 239.4





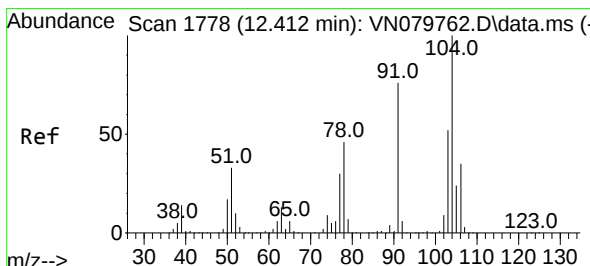
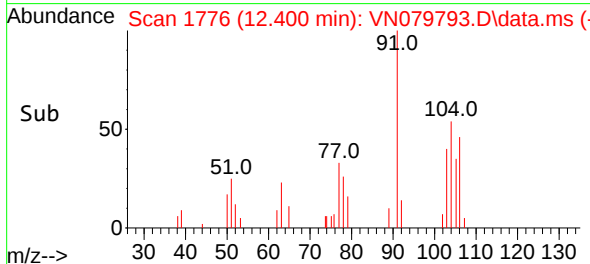
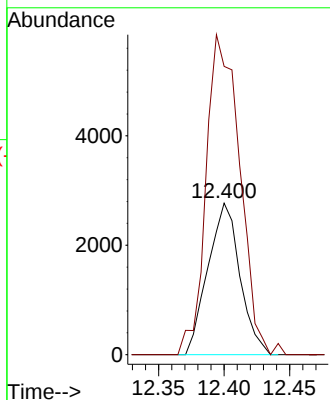
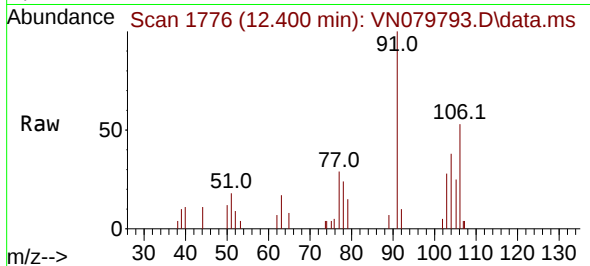
#69
o-Xylene
Concen: 0.746 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:106 Resp: 470
Ion Ratio Lower Upper
106 100
91 222.7 105.2 315.5

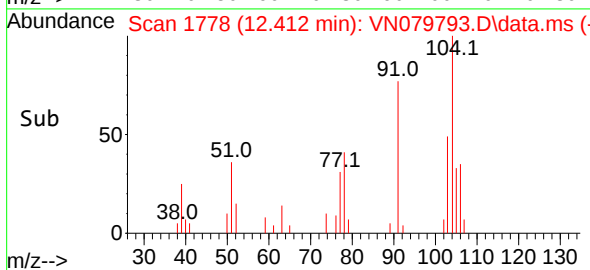
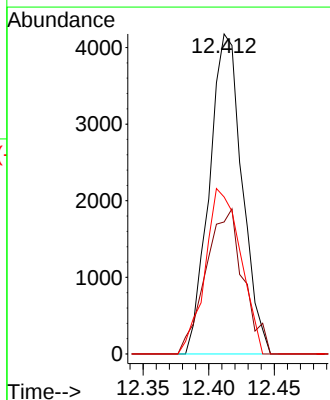
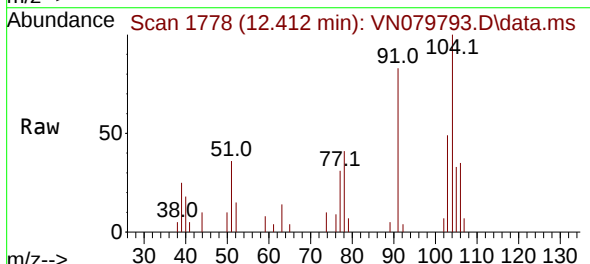
Manual Integrations
APPROVED

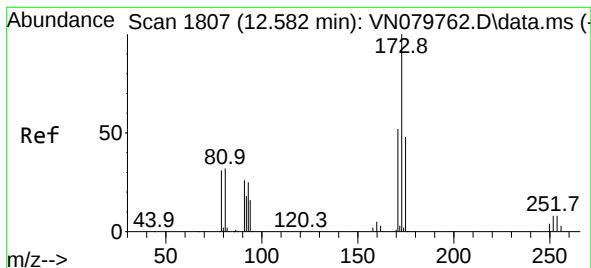
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#70
Styrene
Concen: 0.716 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:104 Resp: 7261
Ion Ratio Lower Upper
104 100
78 51.8 39.5 59.3
103 56.0 43.2 64.8





#71

Bromoform

Concen: 0.939 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

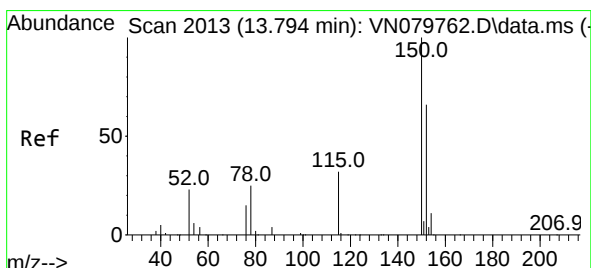
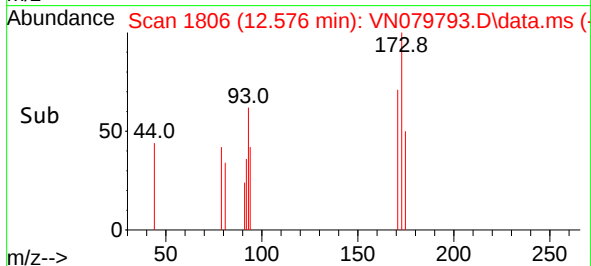
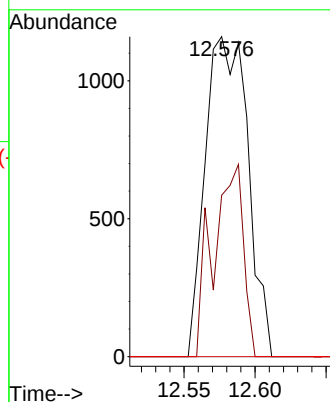
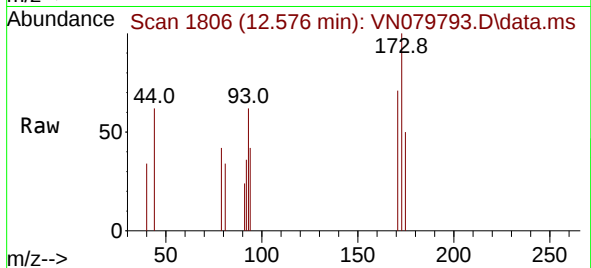
Tgt Ion:173	Resp:	2420
Ion Ratio	Lower	Upper
173	100	
175	42.5	24.3 73.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

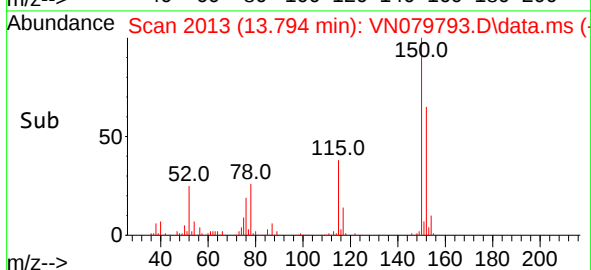
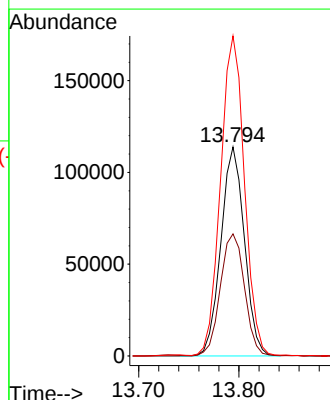
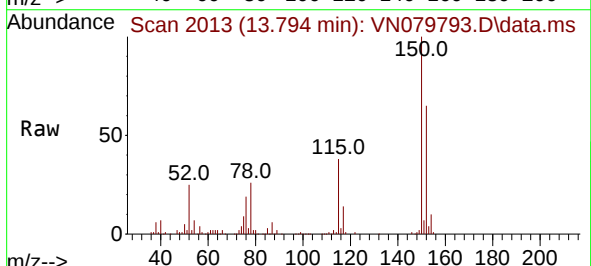
RT: 13.794 min Scan# 2013

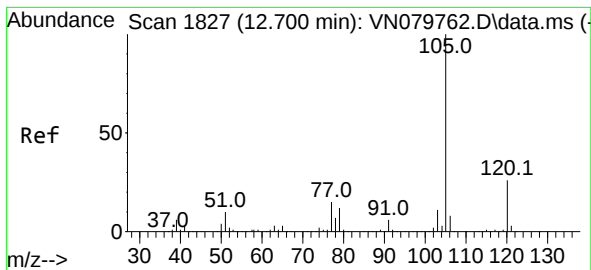
Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Tgt Ion:152	Resp:	185129
Ion Ratio	Lower	Upper
152	100	
115	60.2	32.3 96.8
150	155.6	0.0 355.8





#73

Isopropylbenzene

Concen: 0.754 ug/l

RT: 12.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:105 Resp: 1058

Ion Ratio Lower Upper

105 100

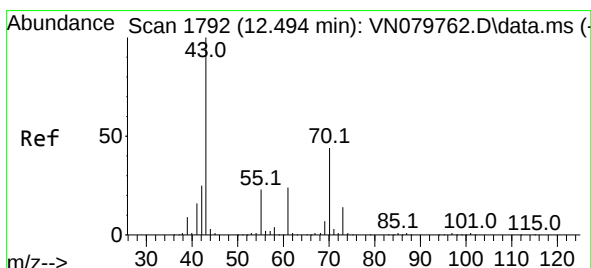
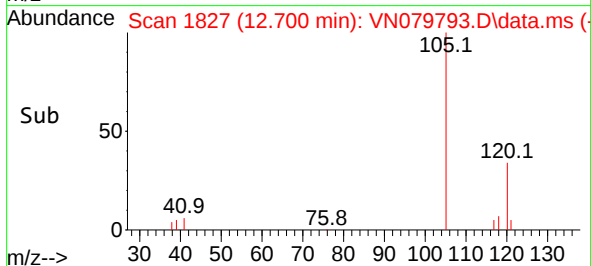
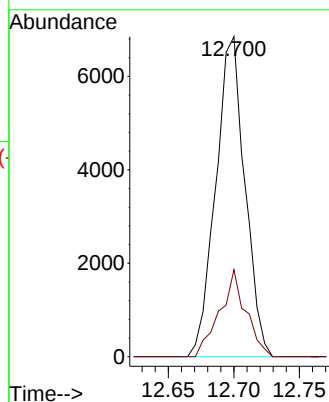
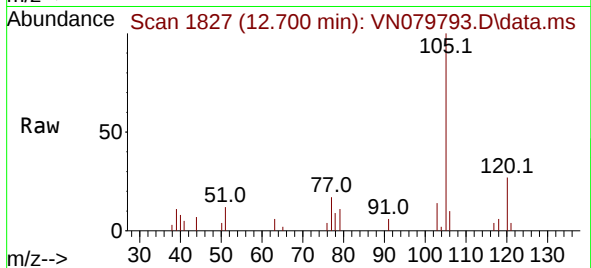
120 24.3 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#74

N-ethyl acetate

Concen: 0.756 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Tgt Ion: 43 Resp: 4638

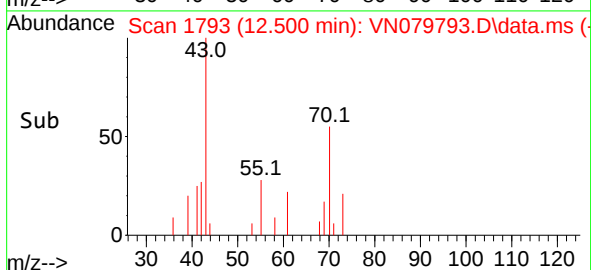
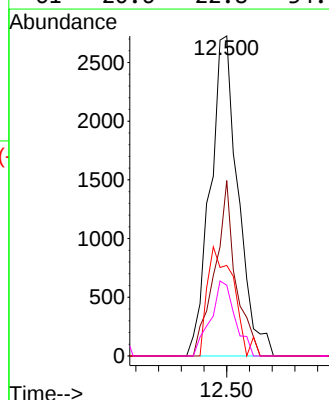
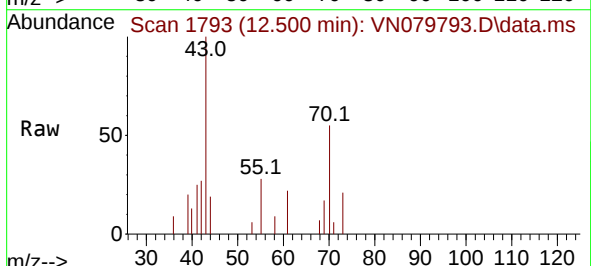
Ion Ratio Lower Upper

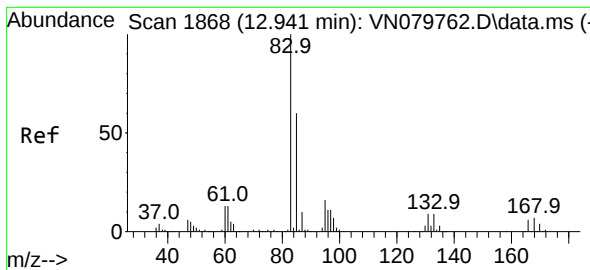
43 100

70 41.1 43.4 65.2#

55 31.9 21.4 32.0

61 20.6 22.8 34.2#





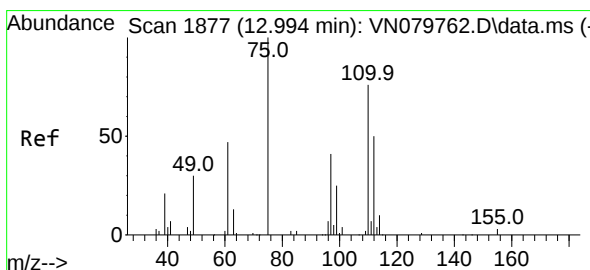
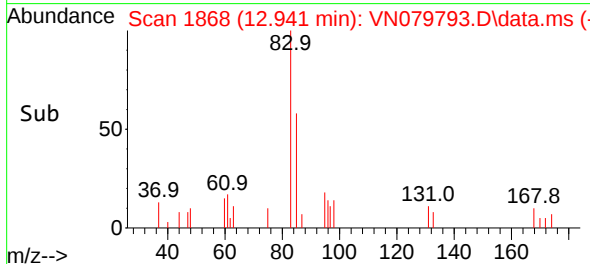
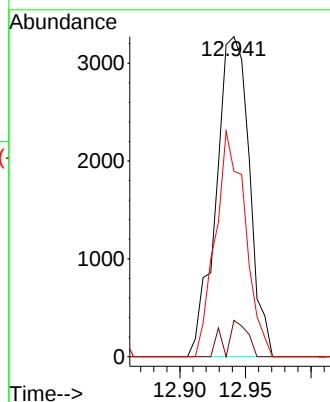
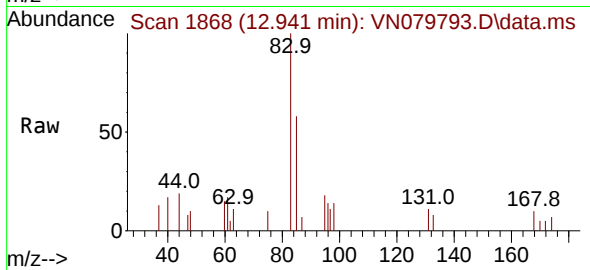
#75
1,1,2,2-Tetrachloroethane
Concen: 1.157 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT4-2023

Tgt Ion: 83 Resp: 5768
Ion Ratio Lower Upper
83 100
131 7.4 5.0 15.0
85 63.1 31.9 95.7

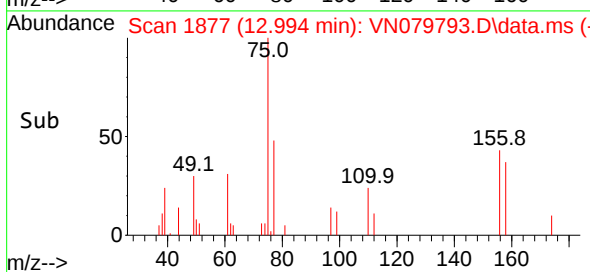
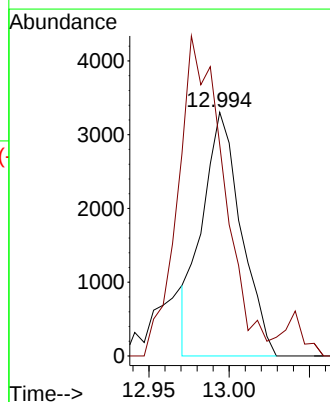
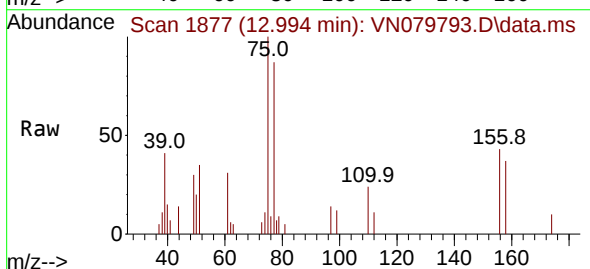
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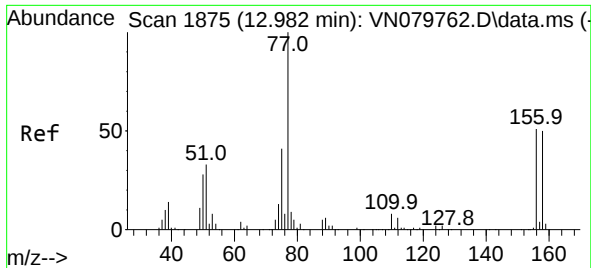
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#76
1,2,3-Trichloropropane
Concen: 1.290 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 75 Resp: 5608
Ion Ratio Lower Upper
75 100
77 152.9 84.5 253.5





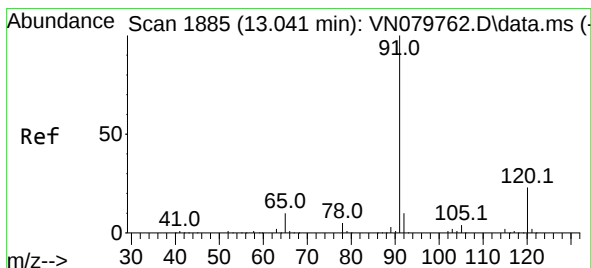
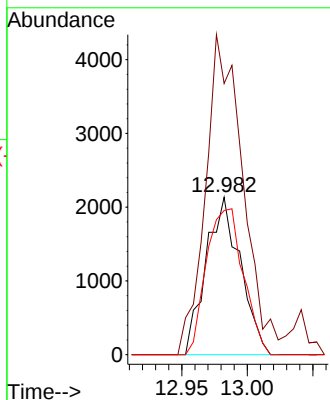
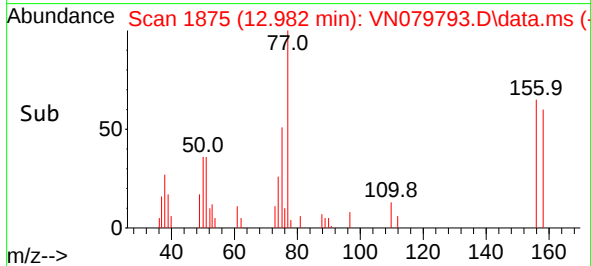
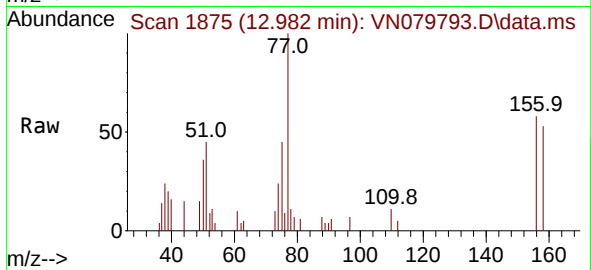
#77
Bromobenzene
Concen: 1.131 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:156 Resp: 3889
Ion Ratio Lower Upper
156 100
77 220.4 107.7 323.3
158 99.9 48.4 145.3

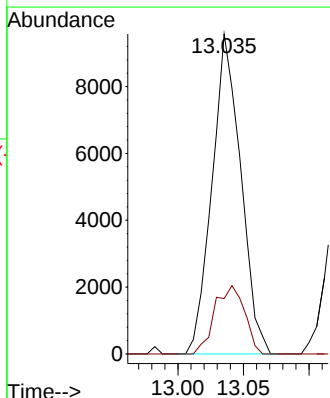
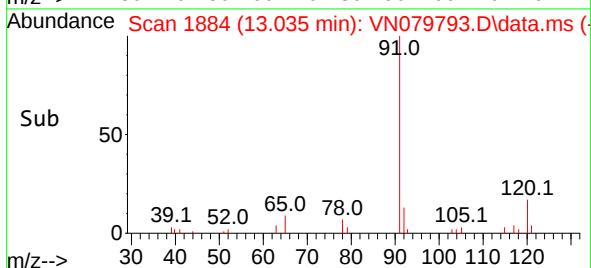
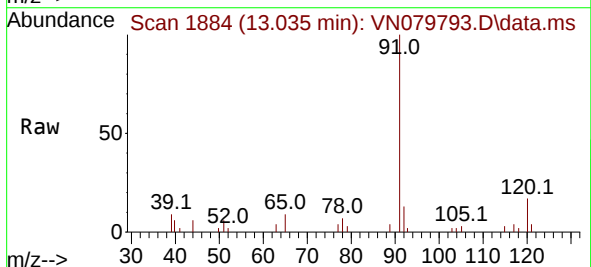
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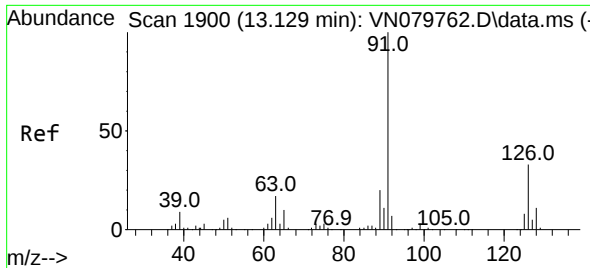
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#78
n-propylbenzene
Concen: 0.906 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 91 Resp: 14572
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





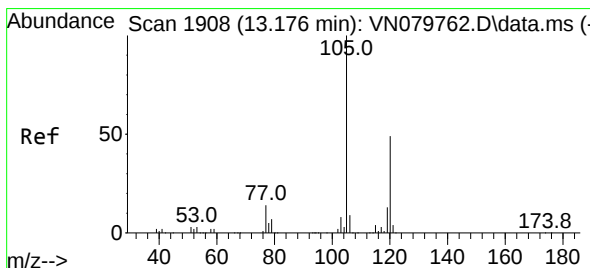
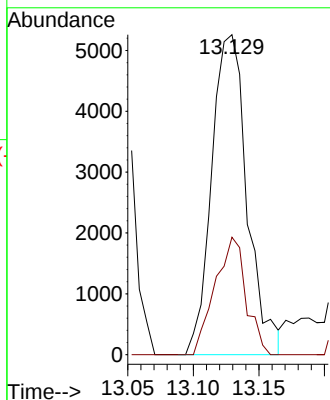
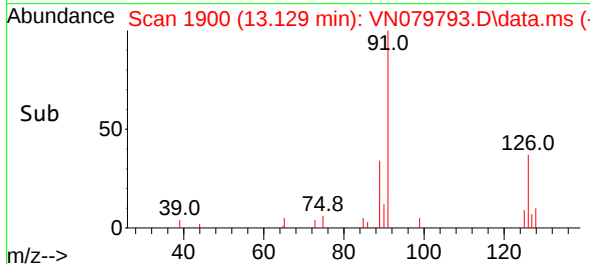
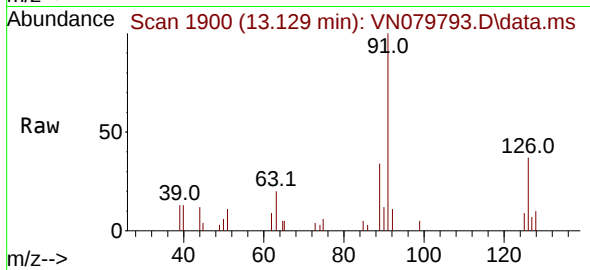
#79
2-Chlorotoluene
Concen: 0.963 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 91 Resp: 9898
Ion Ratio Lower Upper
91 100
126 32.1 16.3 48.8

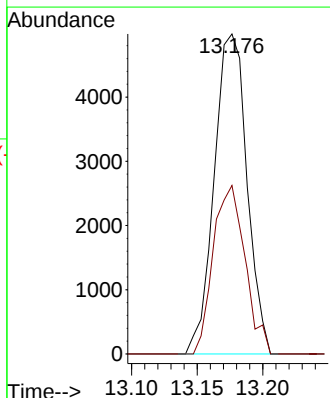
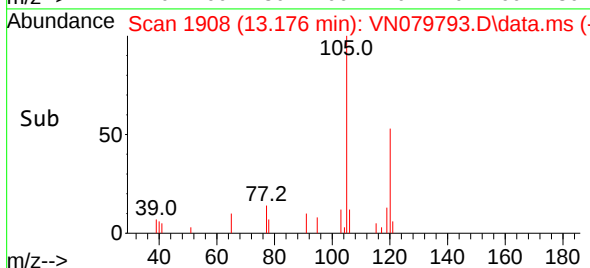
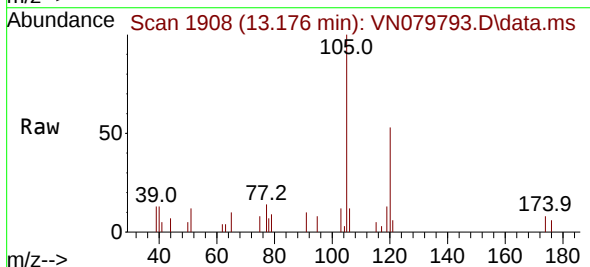
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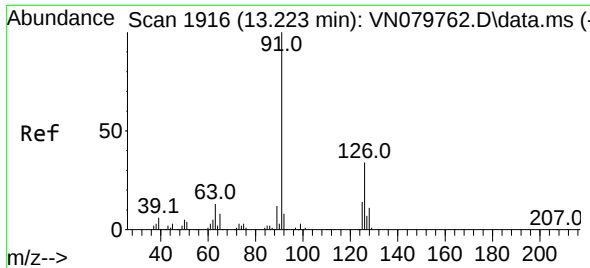
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.791 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:105 Resp: 8650
Ion Ratio Lower Upper
105 100
120 51.2 24.1 72.3





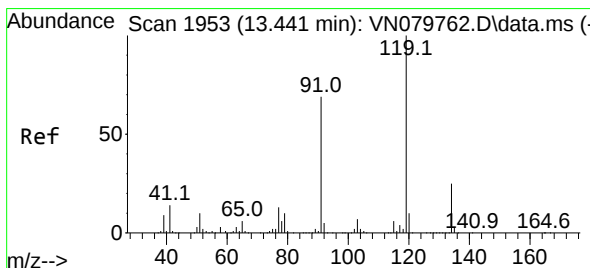
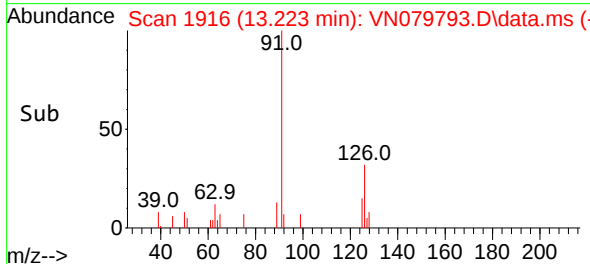
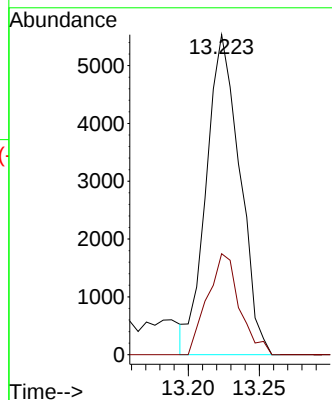
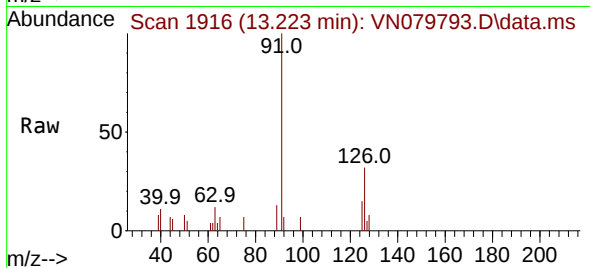
#82
4-Chlorotoluene
Concen: 0.890 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion: 91 Resp: 909
Ion Ratio Lower Upper
91 100
126 30.1 16.7 50.0

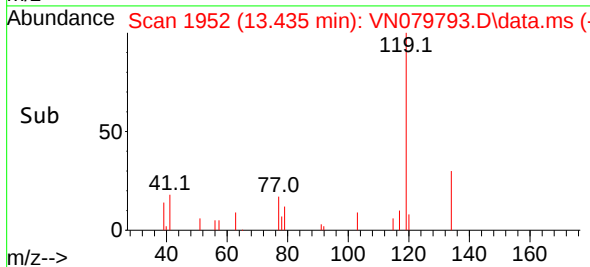
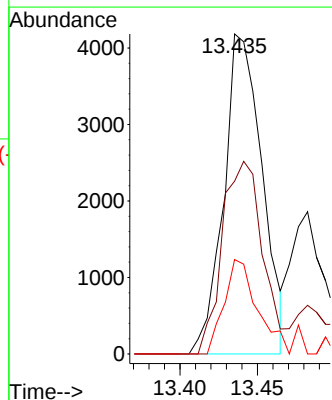
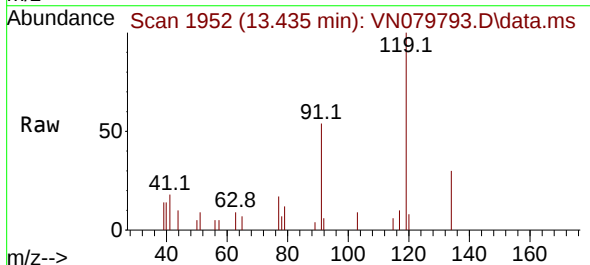
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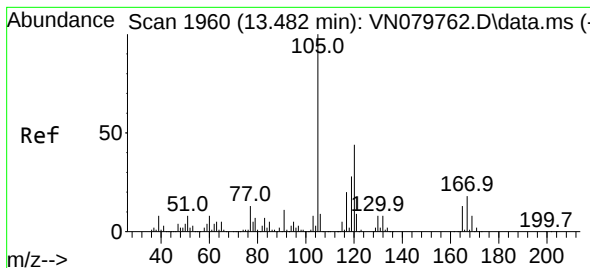
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#83
tert-Butylbenzene
Concen: 0.805 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion:119 Resp: 7200
Ion Ratio Lower Upper
119 100
91 64.4 33.9 101.7
134 25.6 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 0.783 ug/l

RT: 13.488 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN079793.D

Acq: 02 Nov 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2023

Tgt Ion:105 Resp: 8410

Ion Ratio Lower Upper

105 100

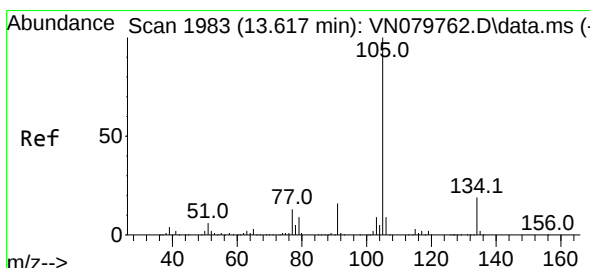
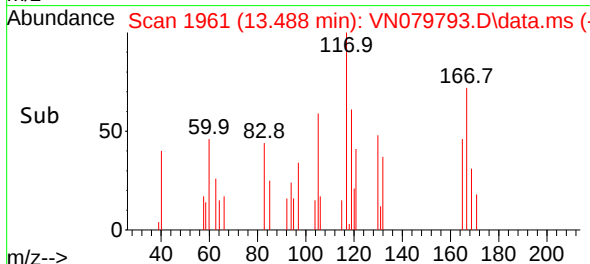
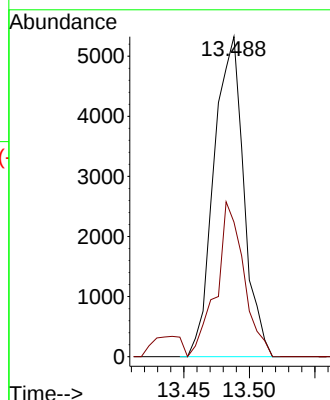
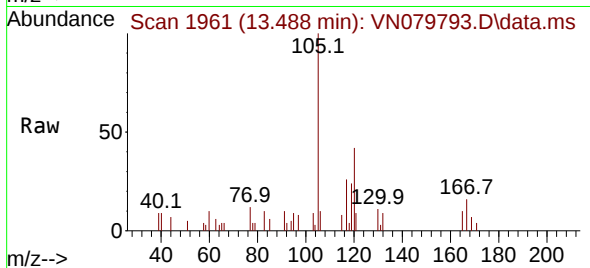
120 44.5 22.0 66.0

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Reviewed By :John Carlone 11/03/2023

Supervised By :Mahesh Dadoda 11/03/2023



#85

sec-Butylbenzene

Concen: 0.727 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN079793.D

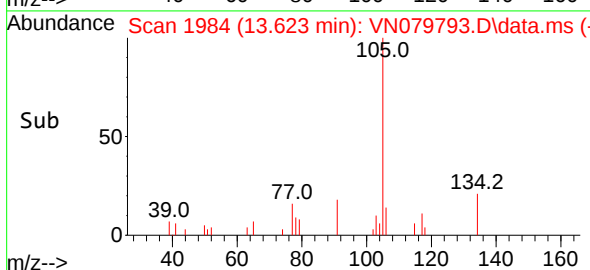
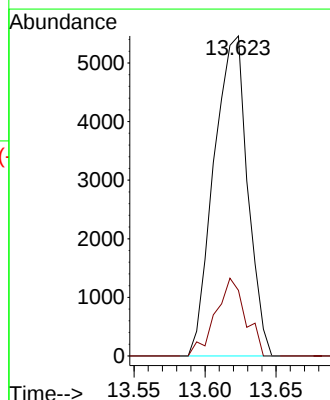
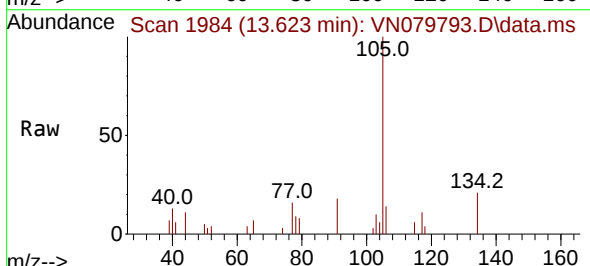
Acq: 02 Nov 2023 13:36

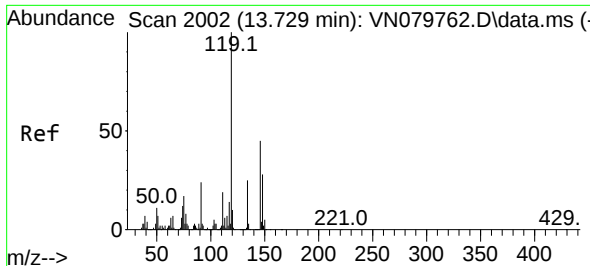
Tgt Ion:105 Resp: 9017

Ion Ratio Lower Upper

105 100

134 21.5 9.8 29.3





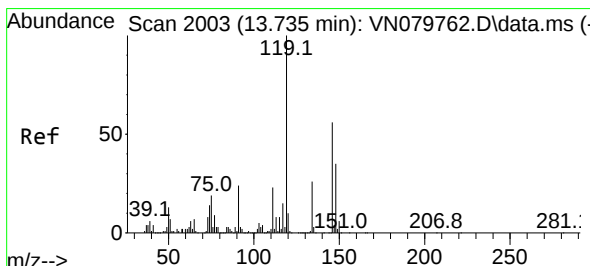
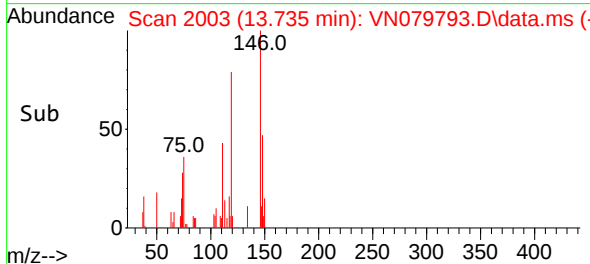
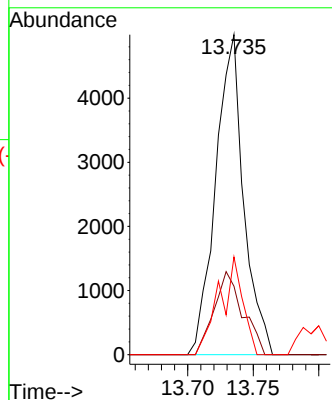
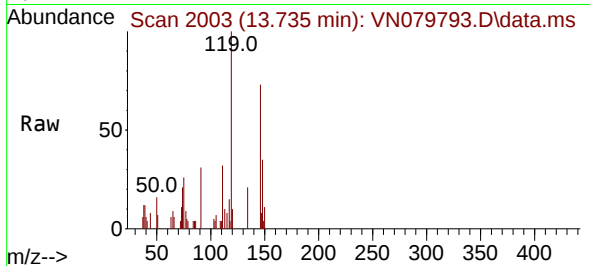
#86
p-Isopropyltoluene
Concen: 0.732 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:119 Resp: 7394
Ion Ratio Lower Upper
119 100
134 26.6 12.6 37.8
91 25.8 12.4 37.2

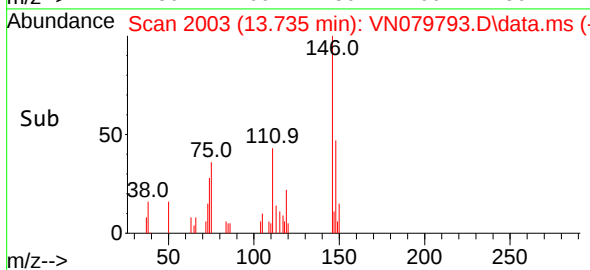
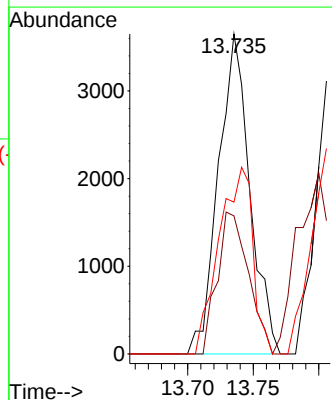
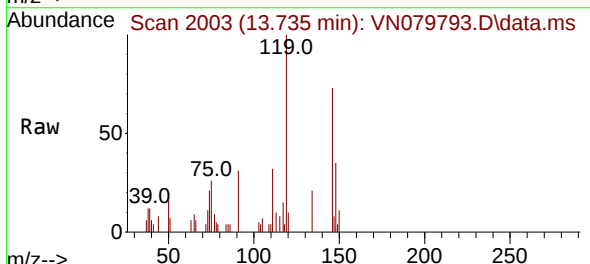
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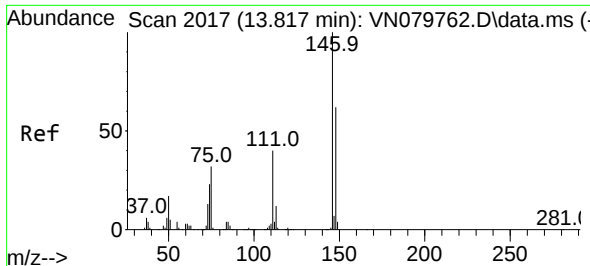
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#87
1,3-Dichlorobenzene
Concen: 0.953 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

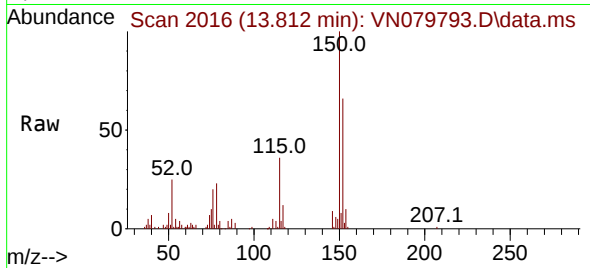
Tgt Ion:146 Resp: 6100
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.3
148 62.5 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 1.031 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

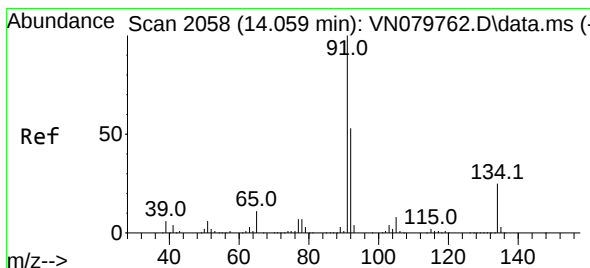
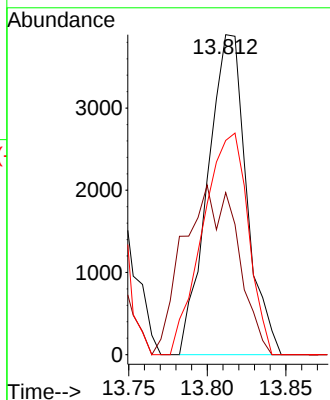
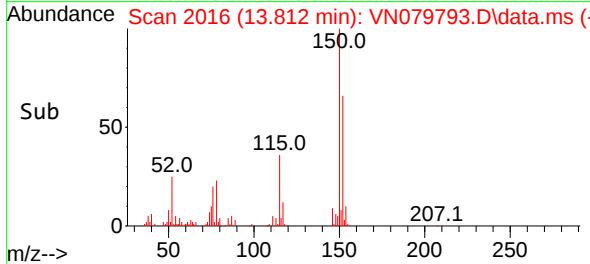
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



Tgt Ion:146 Resp: 6694
Ion Ratio Lower Upper
146 100
111 39.9 20.6 61.8
148 57.0 31.6 94.8

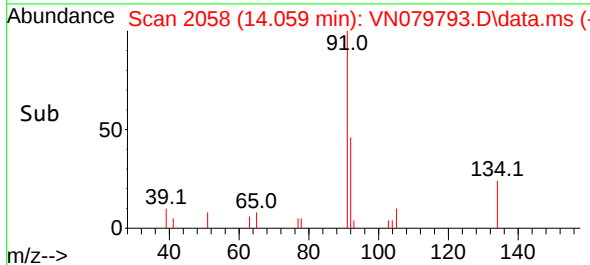
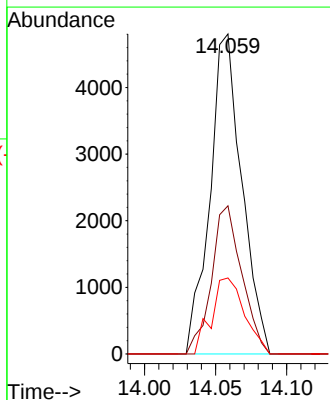
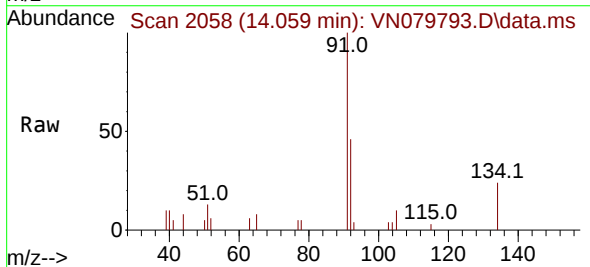
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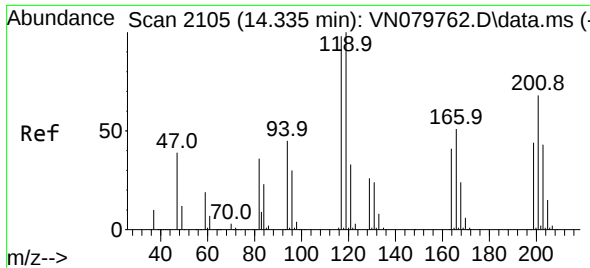
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#89
n-Butylbenzene
Concen: 0.862 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Tgt Ion: 91 Resp: 7507
Ion Ratio Lower Upper
91 100
92 44.0 26.4 79.0
134 24.7 12.6 37.6





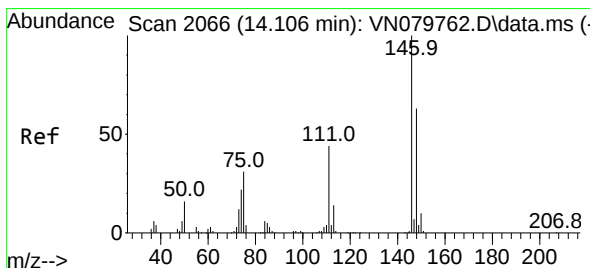
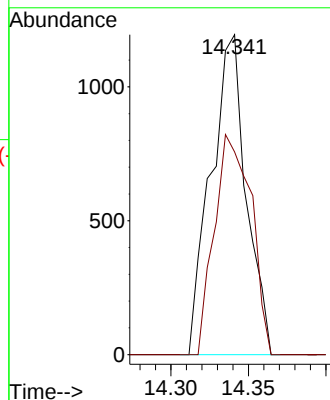
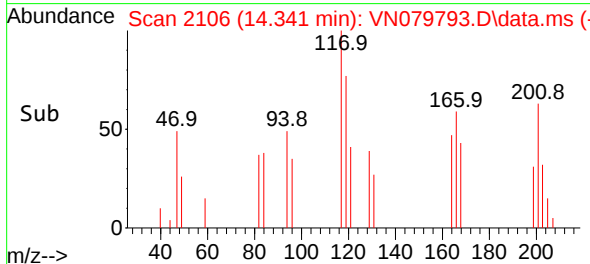
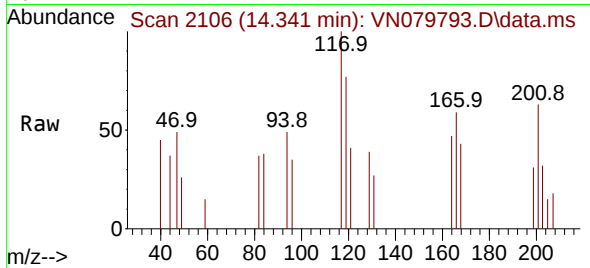
#90
Hexachloroethane
Concen: 0.945 ug/l
RT: 14.341 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023

Tgt Ion:117 Resp: 189
Ion Ratio Lower Upper
117 100
201 71.8 29.3 88.0

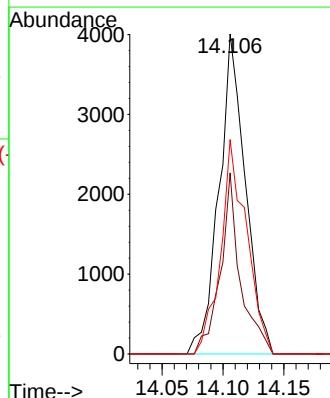
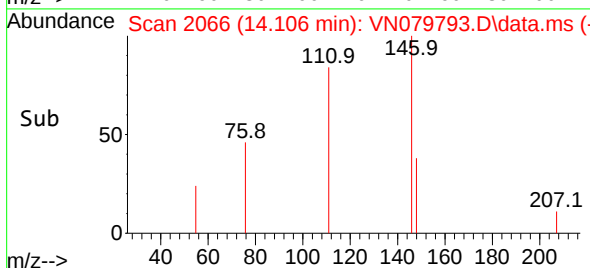
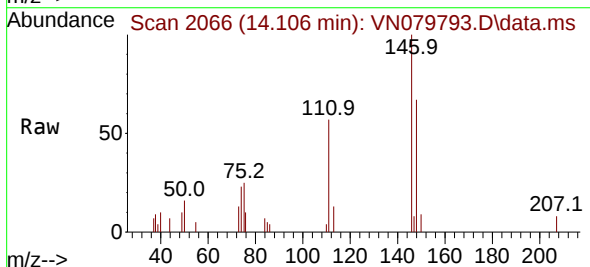
Manual Integrations
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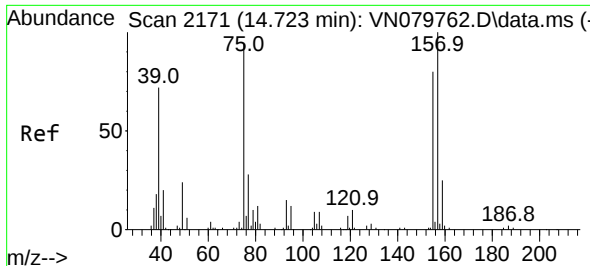
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023



#91
1,2-Dichlorobenzene
Concen: 1.001 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

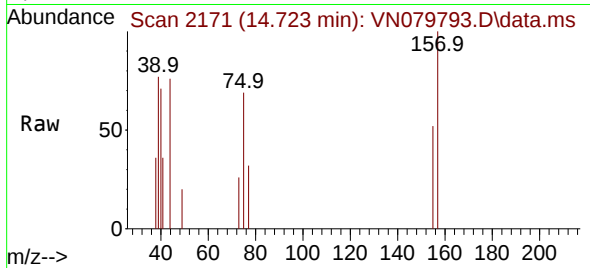
Tgt Ion:146 Resp: 6046
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 65.7 31.8 95.3





#92
1,2-Dibromo-3-Chloropropane
Concen: 0.946 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

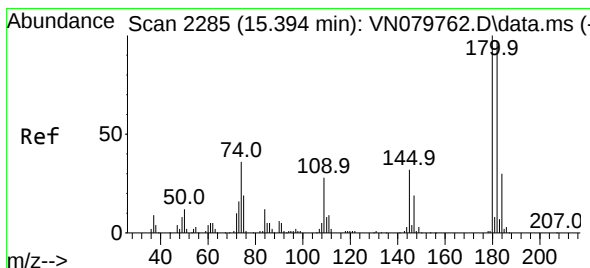
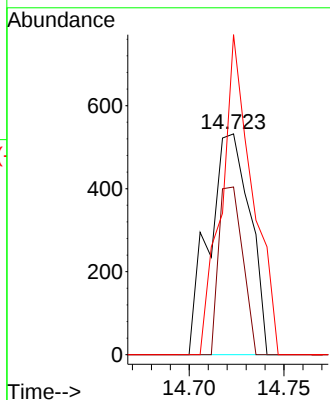
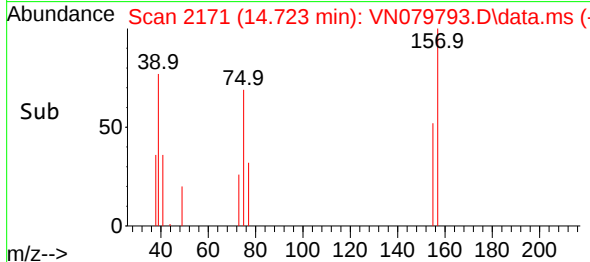
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



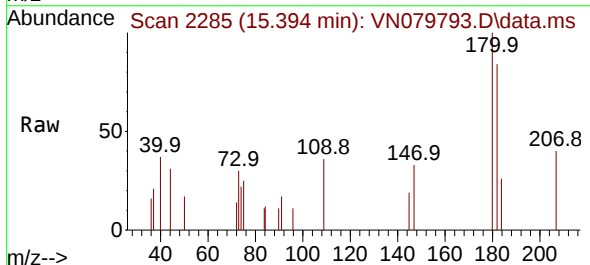
Tgt Ion: 75 Resp: 799
Ion Ratio Lower Upper
75 100
155 44.7 39.1 117.2
157 109.6 50.3 150.9

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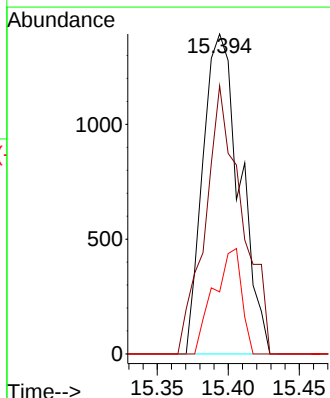
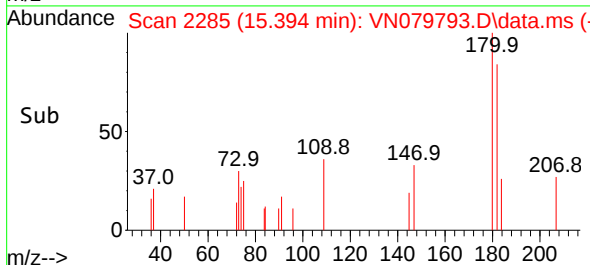
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

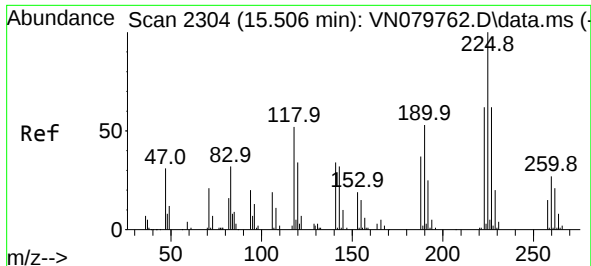


#93
1,2,4-Trichlorobenzene
Concen: 0.880 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36



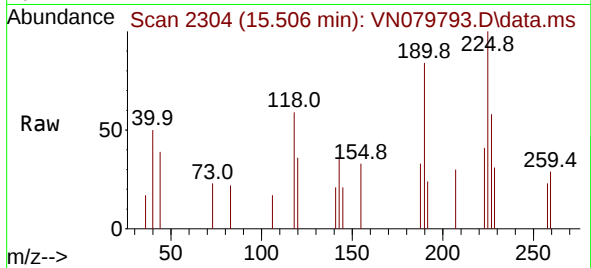
Tgt Ion:180 Resp: 2528
Ion Ratio Lower Upper
180 100
182 83.2 46.1 138.2
145 24.6 16.6 49.8





#94
Hexachlorobutadiene
Concen: 1.215 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36

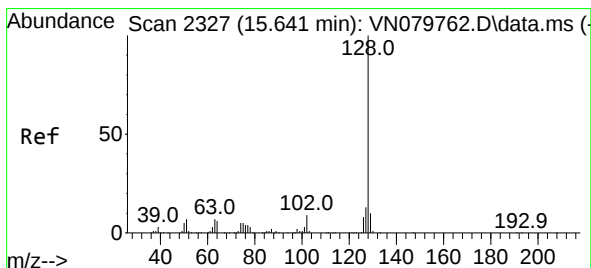
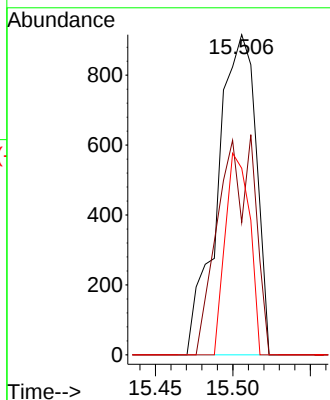
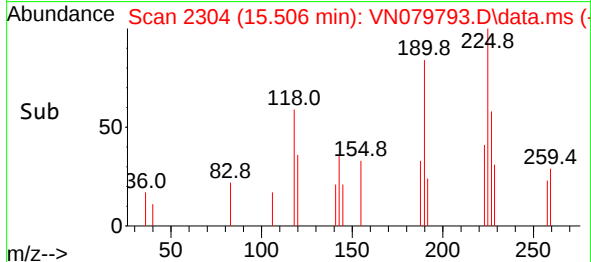
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2023



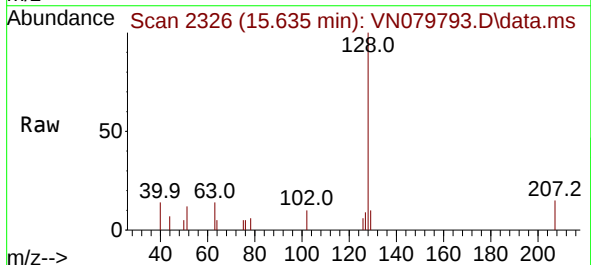
Tgt Ion:225 Resp: 1582
Ion Ratio Lower Upper
225 100
223 64.2 31.3 93.8
227 39.9 31.9 95.9

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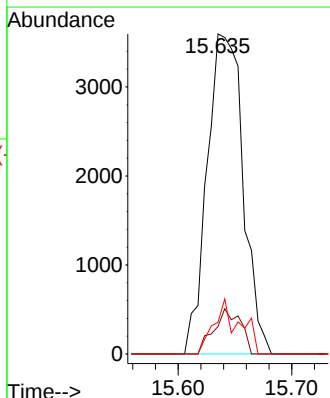
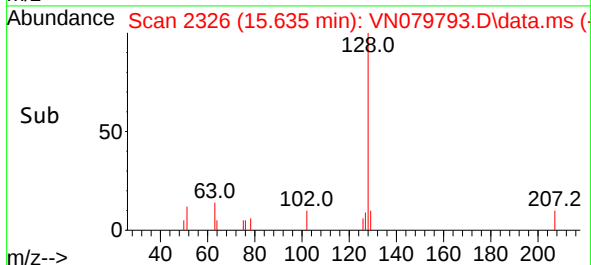
Reviewed By :John Carlone 11/03/2023
Supervised By :Mahesh Dadoda 11/03/2023

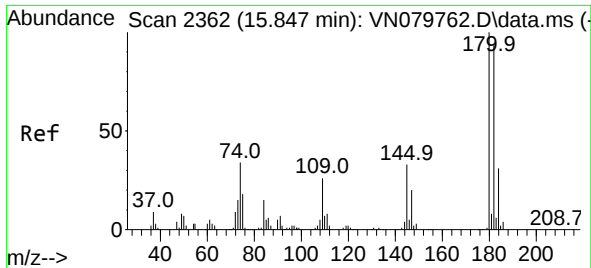


#95
Naphthalene
Concen: 0.811 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN079793.D
Acq: 02 Nov 2023 13:36



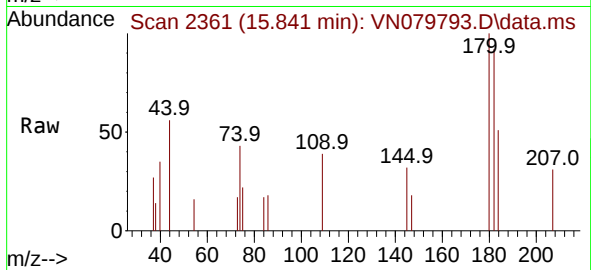
Tgt Ion:128 Resp: 7898
Ion Ratio Lower Upper
128 100
127 10.5 10.0 15.0
129 12.3 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.751 ug/l
 RT: 15.841 min Scan# 2114
 Delta R.T. 0.000 min
 Lab File: VN079793.D
 Acq: 02 Nov 2023 13:36

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2023



Tgt Ion	Ratio	Lower	Upper
180	100		
182	111.9	46.2	138.6
145	42.9	17.5	52.6

Manual Integrations
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Reviewed By :John Carlone 11/03/2023
 Supervised By :Mahesh Dadoda 11/03/2023

