

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079857.D
 Acq On : 03 Nov 2023 18:27
 Operator : JC\MD
 Sample : 04699-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 04 03:49:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 04 03:49:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	255591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	474774	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	425388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	245182	62.964	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 125.920%#			
35) Dibromofluoromethane	8.171	113	187984	55.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.880%			
50) Toluene-d8	10.571	98	628901	50.840	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.853	95	185289	45.164	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	627	0.204	ug/l #	43
3) Chloromethane	2.365	50	2340	0.547	ug/l	98
4) Vinyl Chloride	2.518	62	1374	0.341	ug/l #	75
5) Bromomethane	2.965	94	1385	0.566	ug/l	86
6) Chloroethane	3.118	64	1347	0.423	ug/l #	72
7) Trichlorofluoromethane	3.483	101	1259m	0.251	ug/l	
10) Methyl Iodide	4.595	142	862	0.260	ug/l #	88
11) Tert butyl alcohol	5.506	59	1415m	2.847	ug/l	
12) 1,1-Dichloroethene	4.330	96	588m	0.214	ug/l	
13) Acrolein	4.195	56	183	0.450	ug/l #	16
15) Acrylonitrile	5.736	53	1497	0.966	ug/l #	81
16) Acetone	4.453	43	2437	1.782	ug/l	96
17) Carbon Disulfide	4.706	76	2330	0.294	ug/l #	75
18) Methyl Acetate	5.059	43	2456	0.375	ug/l #	53
20) Methylene Chloride	5.271	84	1531	0.444	ug/l #	76
22) Diisopropyl ether	6.665	45	2040	0.209	ug/l #	65
23) Vinyl Acetate	6.618	43	5118	0.950	ug/l #	62
24) 1,1-Dichloroethane	6.577	63	1626	0.274	ug/l #	81
25) 2-Butanone	7.500	43	2385	1.191	ug/l	88
26) 2,2-Dichloropropane	7.488	77	1032m	0.210	ug/l	
28) Bromochloromethane	7.812	49	643	0.222	ug/l #	56
29) Tetrahydrofuran	7.865	42	1605	1.232	ug/l #	60
30) Chloroform	7.965	83	2715	0.421	ug/l #	73
31) Cyclohexane	8.230	56	8403	1.633	ug/l #	51
32) 1,1,1-Trichloroethane	8.165	97	1242	0.236	ug/l #	49
36) 1,1-Dichloropropene	8.371	75	1170	0.244	ug/l #	61
37) Ethyl Acetate	7.577	43	1124m	0.255	ug/l	
38) Carbon Tetrachloride	8.365	117	1466	0.303	ug/l #	68
39) Methylcyclohexane	9.600	83	1000	0.221	ug/l	97
40) Benzene	8.618	78	2912m	0.203	ug/l	
42) 1,2-Dichloroethane	8.671	62	1916	0.382	ug/l #	73
43) Isopropyl Acetate	8.700	43	1691	0.219	ug/l #	49
44) Trichloroethene	9.347	130	811m	0.227	ug/l	
46) Dibromomethane	9.712	93	510	0.203	ug/l	95
47) Bromodichloromethane	9.894	83	1981	0.370	ug/l #	77
49) 1,4-Dioxane	9.712	88	66	1.105	ug/l #	30

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 MDL-WATER-03-QT4-2023

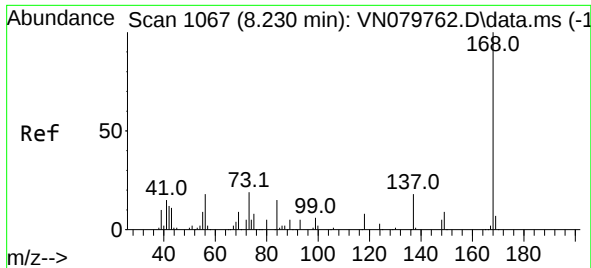
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 04 03:49:20 2023
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Manual Integrations
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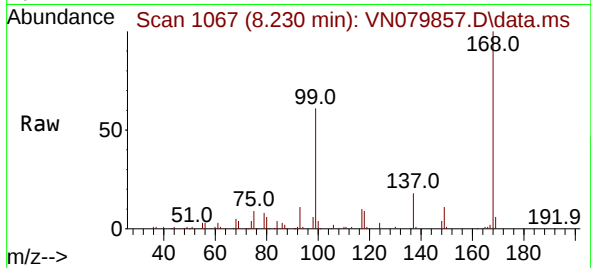
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) 4-Methyl-2-Pentanone	10.447	43	4759	1.095	ug/l #	85
52) Toluene	10.641	92	2385	0.280	ug/l	94
53) t-1,3-Dichloropropene	10.835	75	1254	0.239	ug/l #	50
55) 1,1,2-Trichloroethane	11.024	97	798	0.233	ug/l #	70
57) 1,3-Dichloropropane	11.159	76	1403	0.232	ug/l #	75
58) 2-Chloroethyl Vinyl ether	10.171	63	1853	0.748	ug/l #	70
59) 2-Hexanone	11.200	43	2718	0.818	ug/l	83
60) Dibromochloromethane	11.371	129	952	0.260	ug/l	97
64) Tetrachloroethene	11.112	164	599	0.217	ug/l	90
65) Chlorobenzene	11.894	112	2190	0.237	ug/l #	77
66) 1,1,1,2-Tetrachloroethane	11.965	131	693	0.208	ug/l #	55
68) m/p-Xylenes	12.070	106	1982	0.331	ug/l	76
74) N-amyl acetate	12.500	43	1099	0.208	ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.947	83	1387	0.323	ug/l #	85
76) 1,2,3-Trichloropropane	13.000	75	1213m	0.324	ug/l	
77) Bromobenzene	12.976	156	927	0.313	ug/l	72
78) n-propylbenzene	13.047	91	3318	0.240	ug/l	99
79) 2-Chlorotoluene	13.129	91	2117	0.239	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1962	0.208	ug/l	95
82) 4-Chlorotoluene	13.223	91	1928	0.219	ug/l	92
83) tert-Butylbenzene	13.435	119	1763m	0.229	ug/l	
87) 1,3-Dichlorobenzene	13.735	146	1187	0.215	ug/l	85
88) 1,4-Dichlorobenzene	13.812	146	1333m	0.238	ug/l	
90) Hexachloroethane	14.347	117	401	0.233	ug/l	64
91) 1,2-Dichlorobenzene	14.100	146	1240	0.238	ug/l	99

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

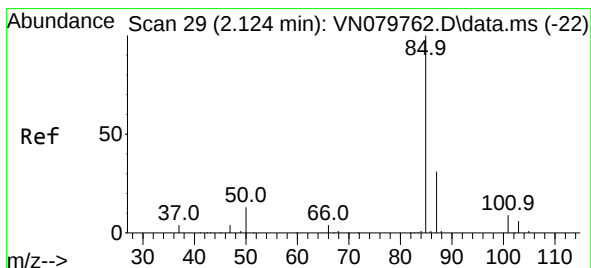
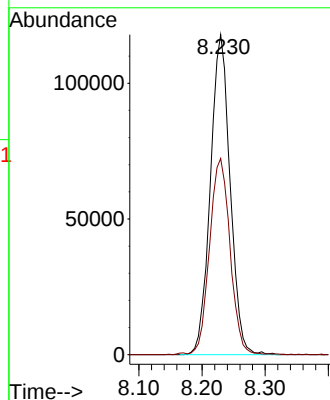
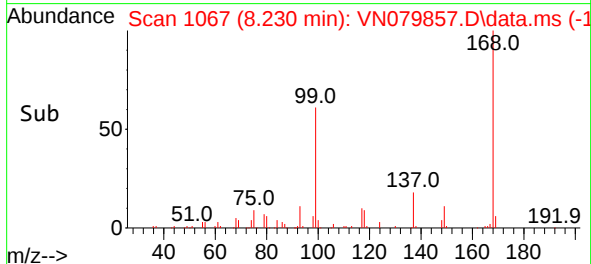
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:168 Resp: 25559
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6

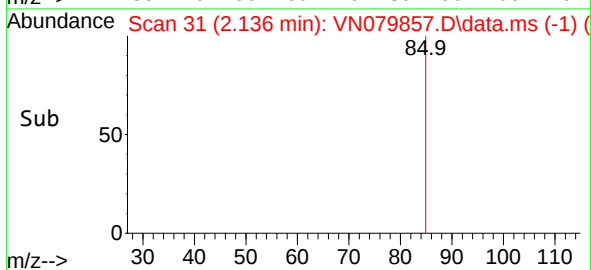
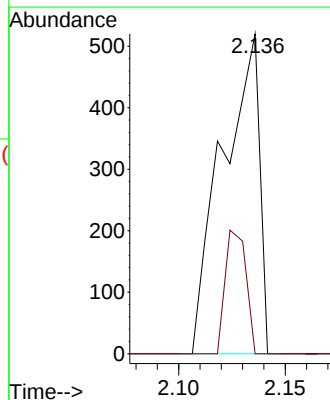
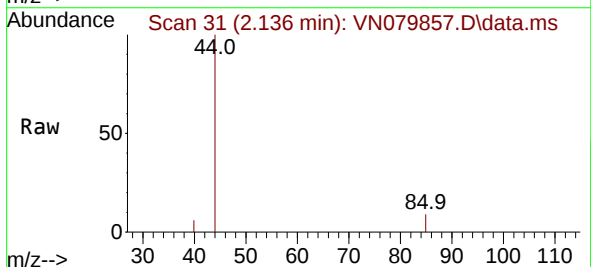
Manual Integrations
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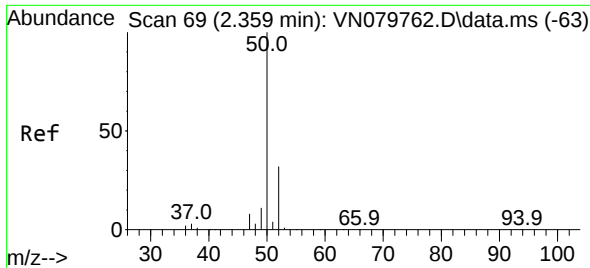
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#2
Dichlorodifluoromethane
Concen: 0.204 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

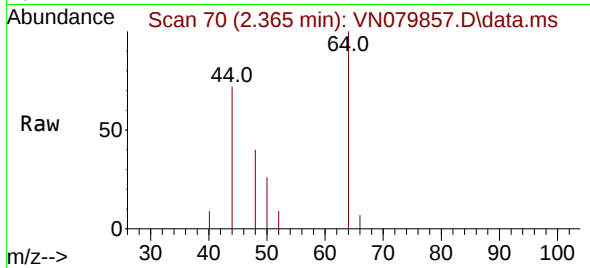
Tgt Ion: 85 Resp: 627
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4





#3
Chloromethane
Concen: 0.547 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

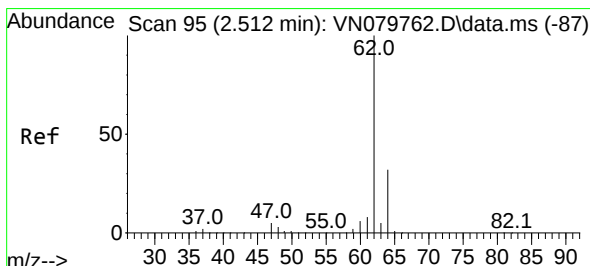
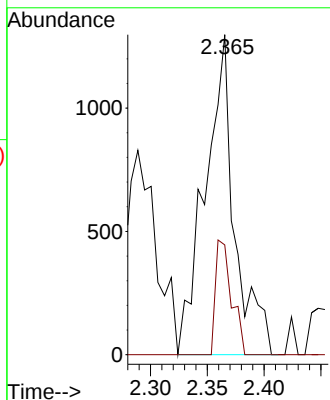
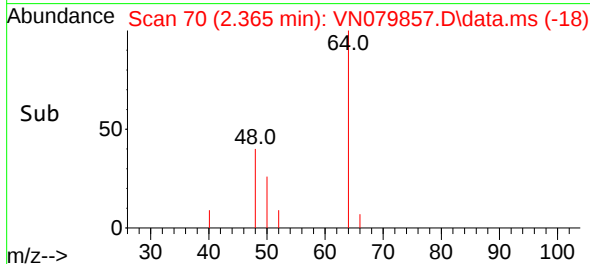
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 50 Resp: 2340
Ion Ratio Lower Upper
50 100
52 34.3 26.5 39.7

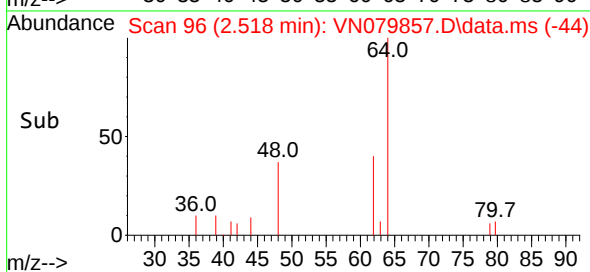
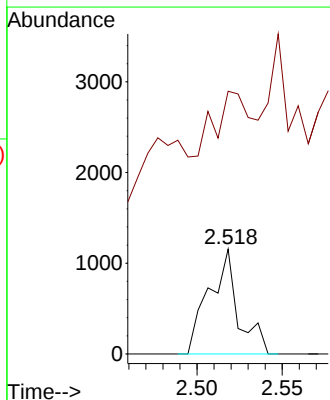
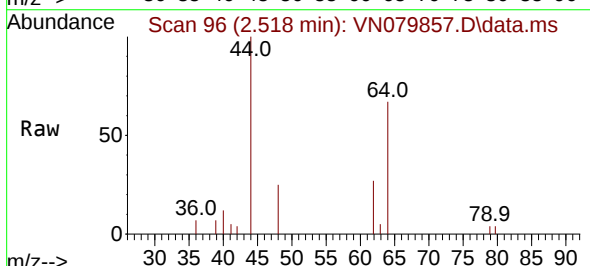
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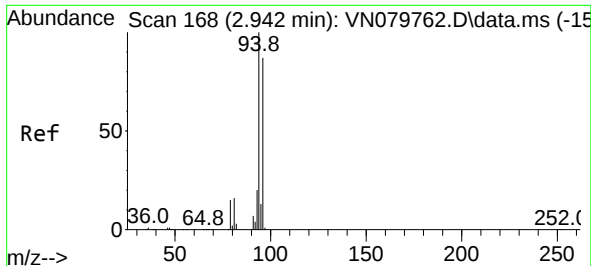
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#4
Vinyl Chloride
Concen: 0.341 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

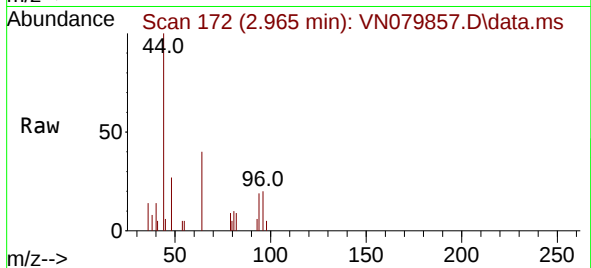
Tgt Ion: 62 Resp: 1374
Ion Ratio Lower Upper
62 100
64 46.7 26.2 39.2#





#5
Bromomethane
Concen: 0.566 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

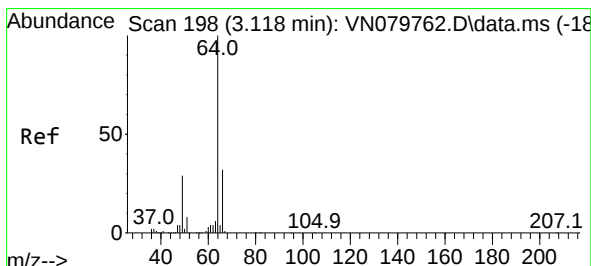
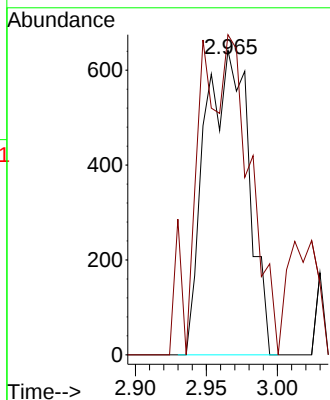
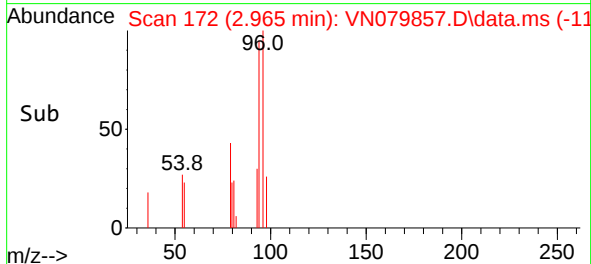
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 94 Resp: 138
Ion Ratio Lower Upper
94 100
96 105.1 73.1 109.7

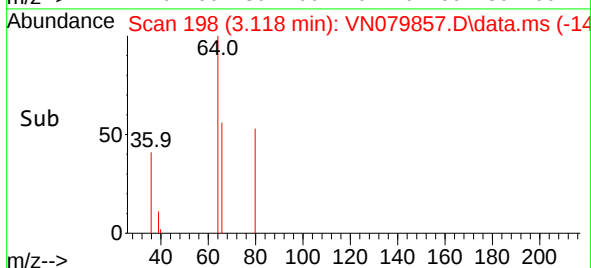
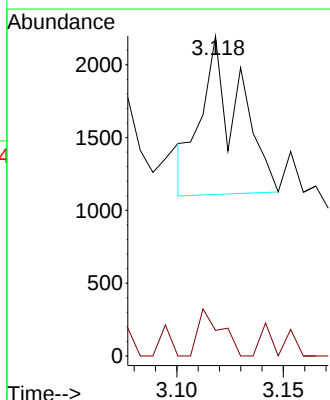
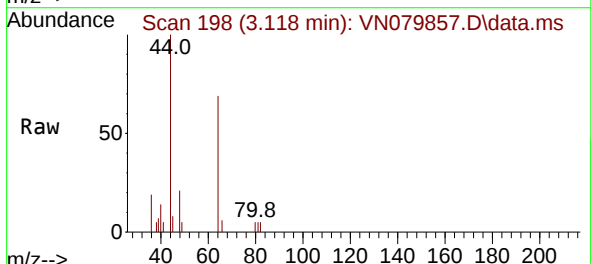
Manual Integrations
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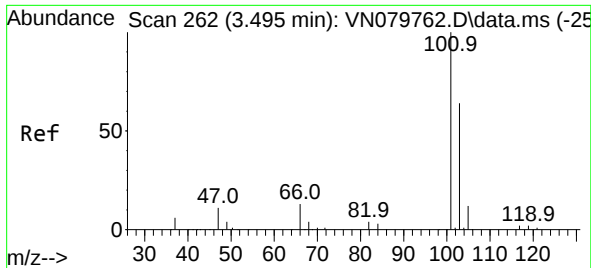
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#6
Chloroethane
Concen: 0.423 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

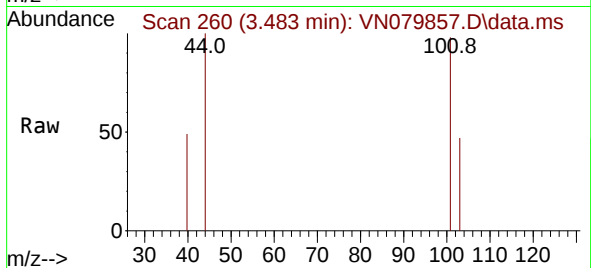
Tgt Ion: 64 Resp: 1347
Ion Ratio Lower Upper
64 100
66 16.4 25.4 38.2#





#7
Trichlorofluoromethane
Concen: 0.251 ug/l m
RT: 3.483 min Scan# 20
Delta R.T. -0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

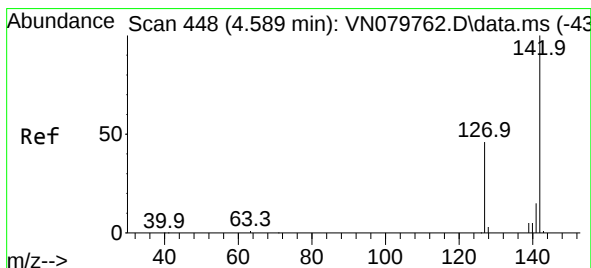
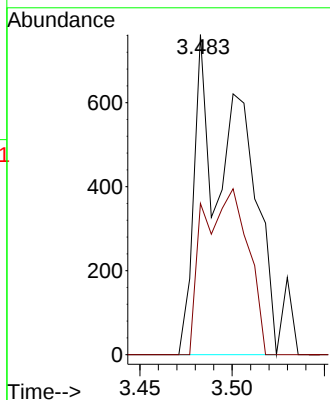
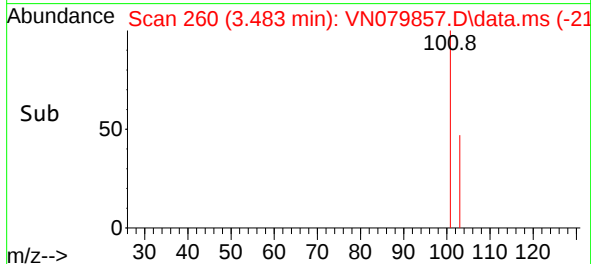
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



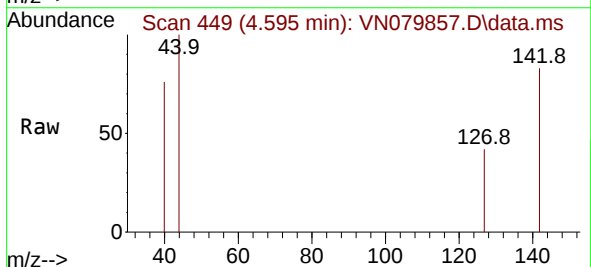
Tgt Ion:101 Resp: 125
Ion Ratio Lower Upper
101 100
103 47.2 50.7 76.1

Manual Integrations
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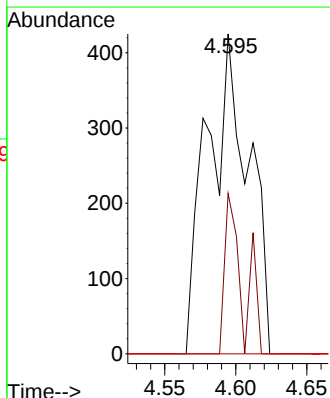
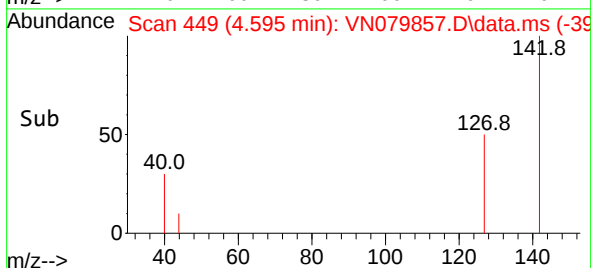
Reviewed By :John Carlone 11/04/2023
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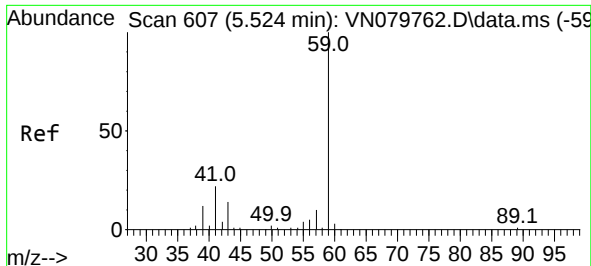


#10
Methyl Iodide
Concen: 0.260 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27



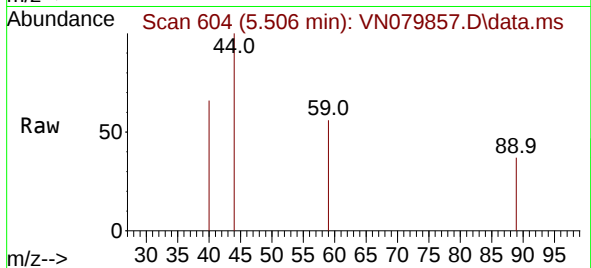
Tgt Ion:142 Resp: 862
Ion Ratio Lower Upper
142 100
127 50.1 37.6 56.4
141 0.0 11.4 17.0#





#11
Tert butyl alcohol
Concen: 2.847 ug/l m
RT: 5.506 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

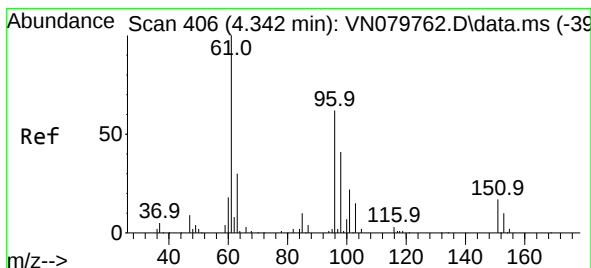
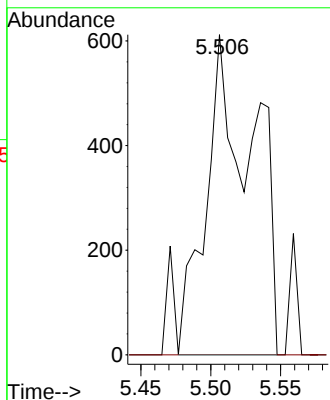
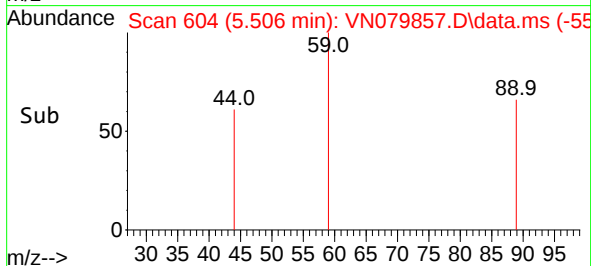
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4

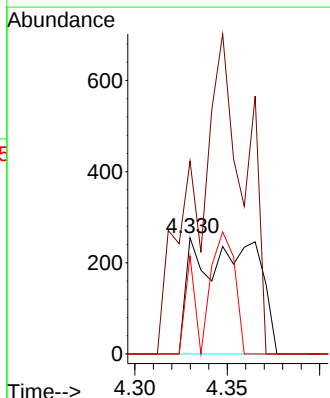
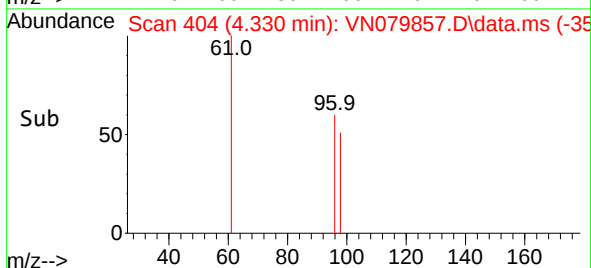
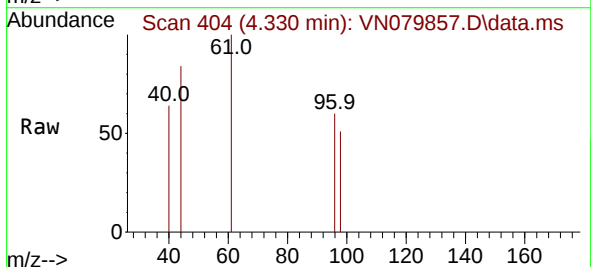
Manual Integrations
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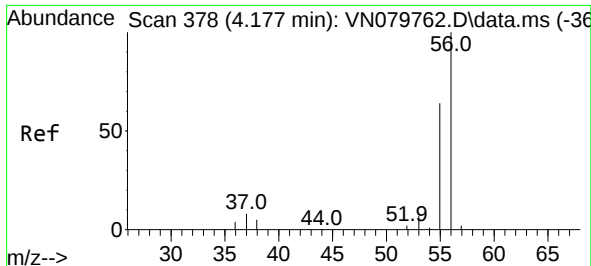
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#12
1,1-Dichloroethene
Concen: 0.214 ug/l m
RT: 4.330 min Scan# 404
Delta R.T. -0.018 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 96 Resp: 588
Ion Ratio Lower Upper
96 100
61 165.9 112.7 169.1
98 84.3 51.2 76.8





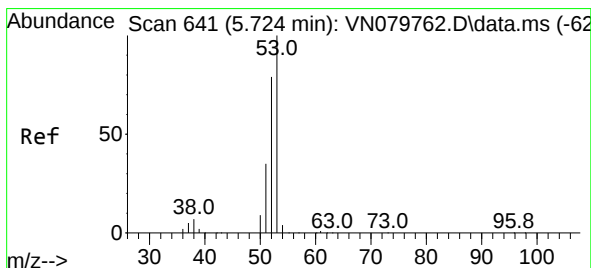
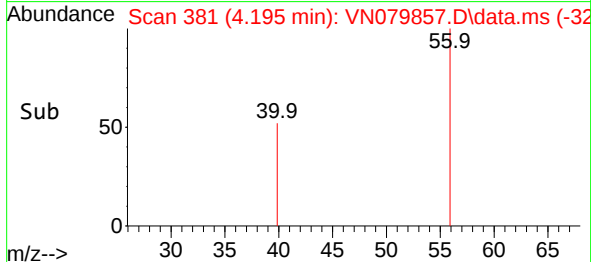
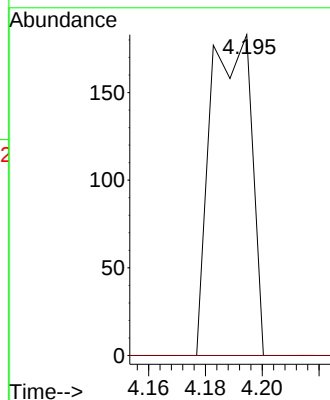
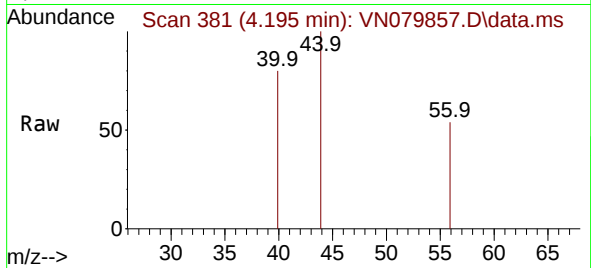
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Acrolein
Concen: 0.450 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

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

Tgt Ion: 56 Resp: 183
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7

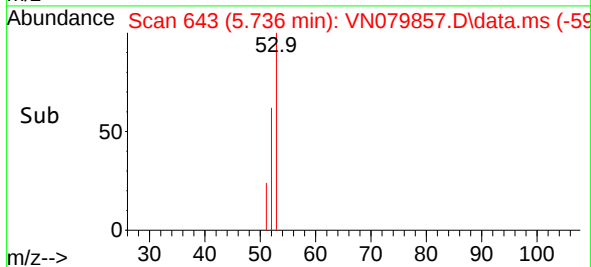
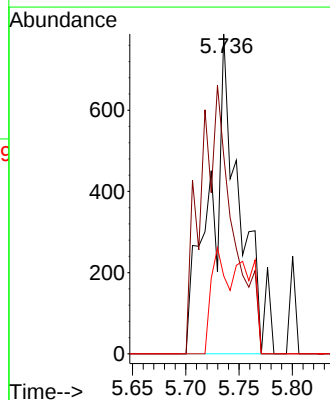
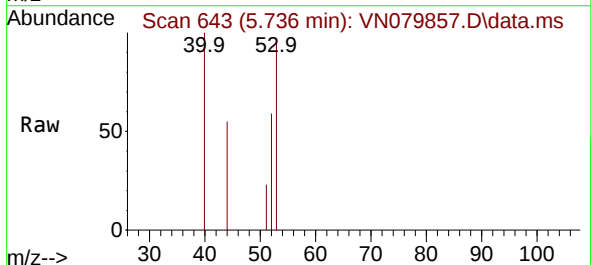
Manual Integrations
APPROVED

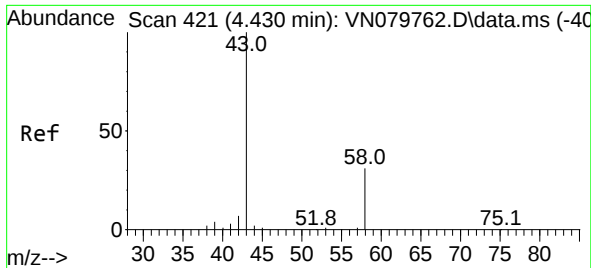
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#15
Acrylonitrile
Concen: 0.966 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

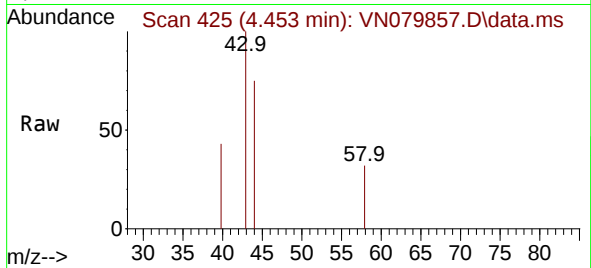
Tgt Ion: 53 Resp: 1497
Ion Ratio Lower Upper
53 100
52 94.1 65.3 97.9
51 18.8 28.9 43.3





#16
Acetone
Concen: 1.782 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

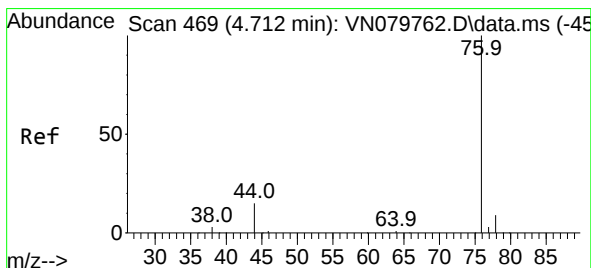
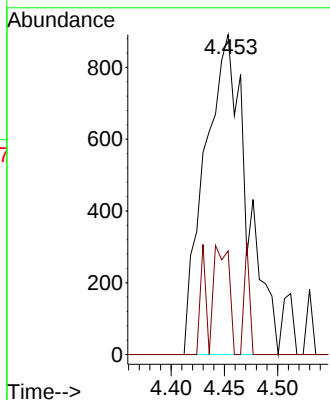
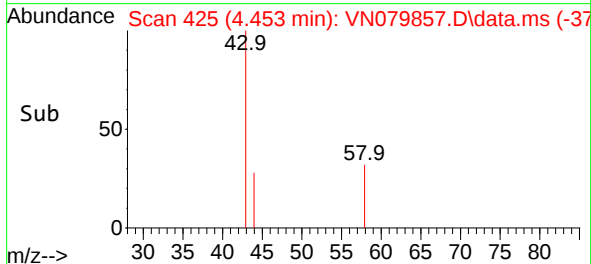
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



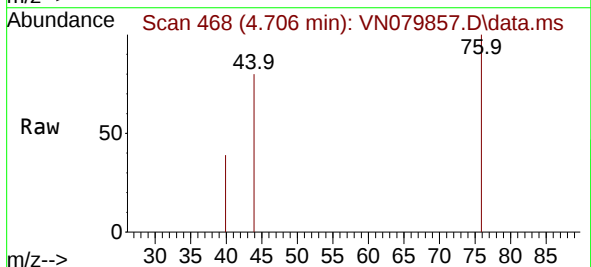
Tgt Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0

Manual Integrations
APPROVED

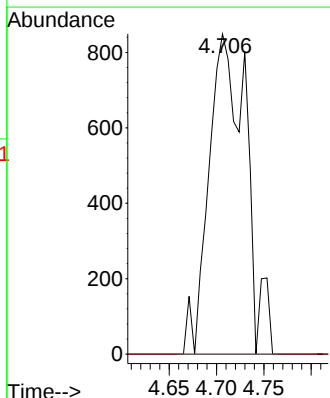
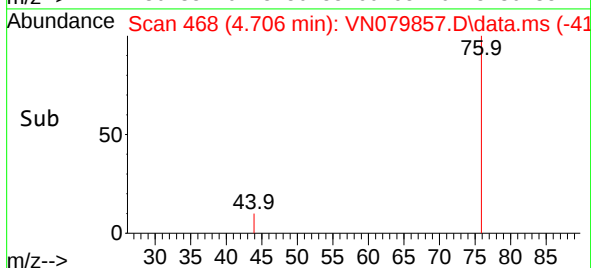
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

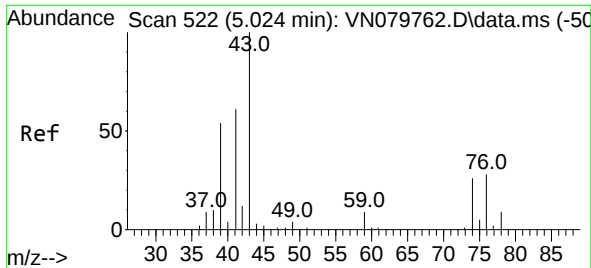


#17
Carbon Disulfide
Concen: 0.294 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27



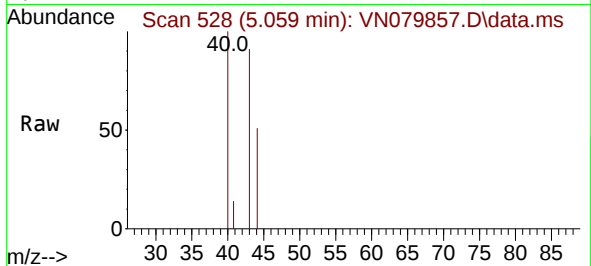
Tgt Ion: 76 Resp: 2330
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18
Methyl Acetate
Concen: 0.375 ug/l
RT: 5.059 min Scan# 51
Delta R.T. 0.035 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

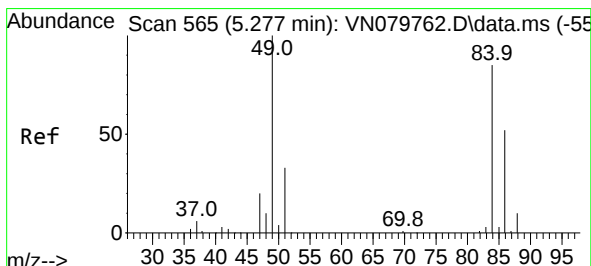
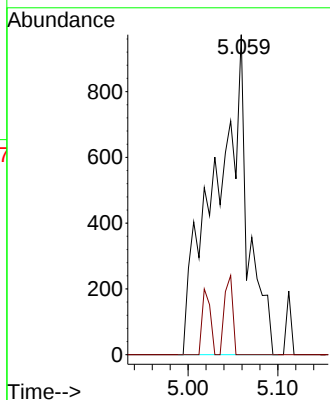
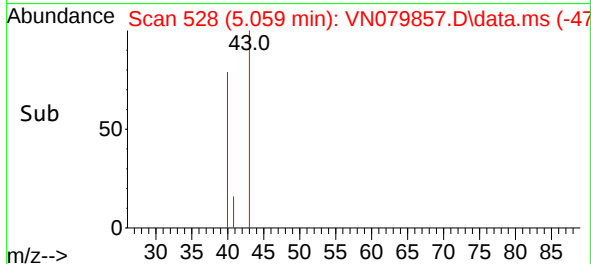
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
74 6.2 26.2 39.4

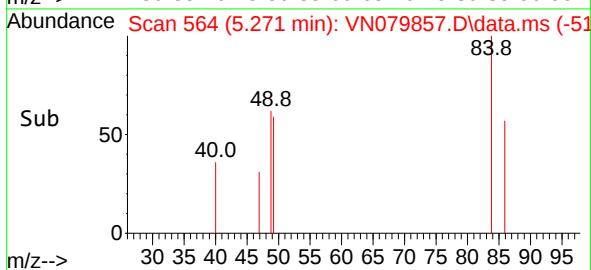
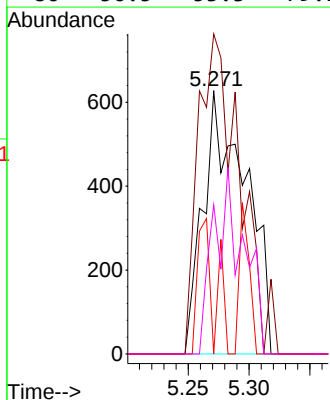
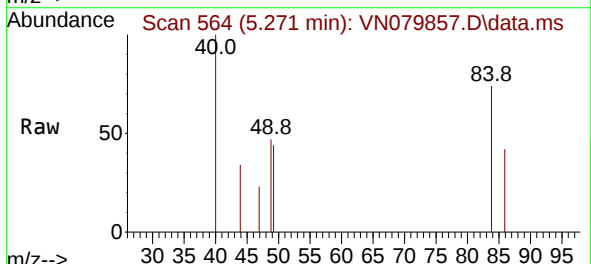
Manual Integrations
APPROVED

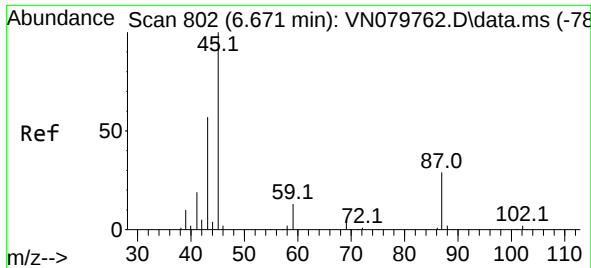
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#20
Methylene Chloride
Concen: 0.444 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

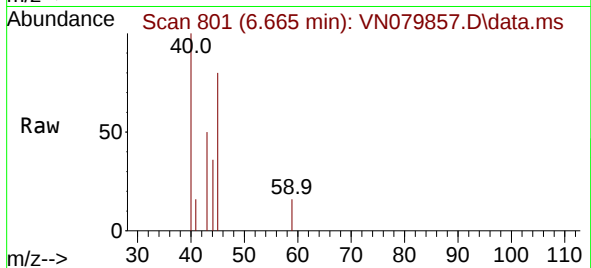
Tgt Ion: 84 Resp: 1531
Ion Ratio Lower Upper
84 100
49 121.5 79.7 119.5#
51 0.0 25.2 37.8#
86 56.5 53.3 79.9





#22
Diisopropyl ether
Concen: 0.209 ug/l
RT: 6.665 min Scan# 802
Delta R.T. -0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

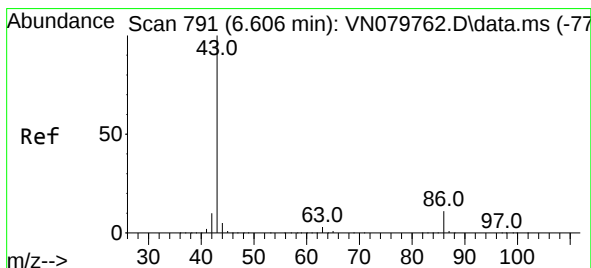
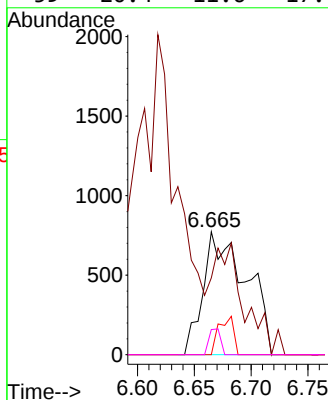
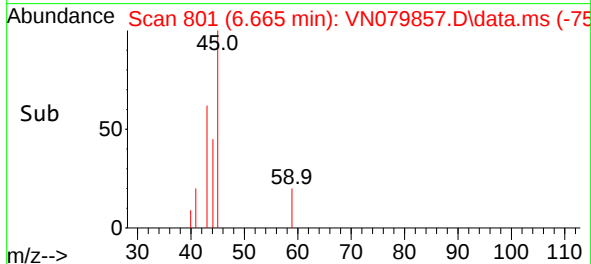
Instrument : MSVOA_N
Client Sample Id : MDL-WATER-03-QT4-2023



Tgt Ion: 45 Resp: 2040
Ion Ratio Lower Upper
45 100
43 42.2 45.5 68.3
87 0.0 31.8 47.8
59 20.4 11.6 17.4

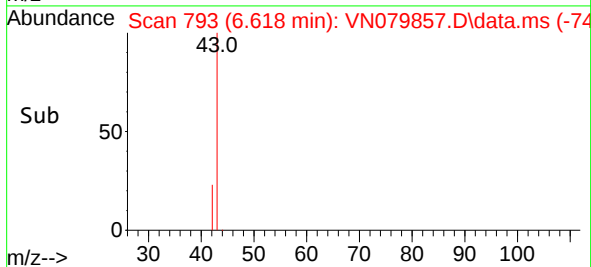
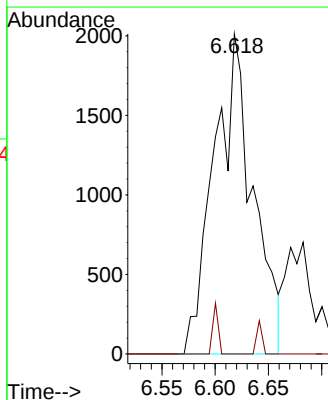
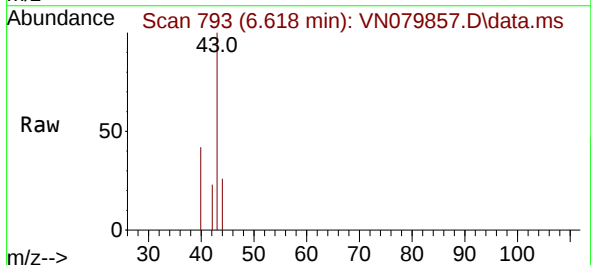
Manual Integrations
APPROVED

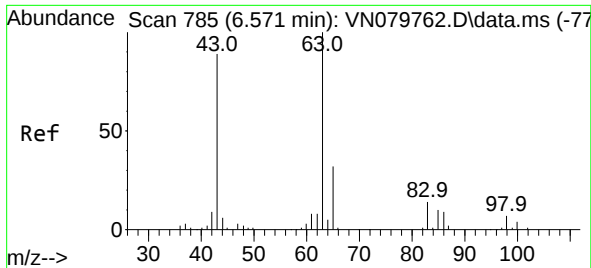
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#23
Vinyl Acetate
Concen: 0.950 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 43 Resp: 5118
Ion Ratio Lower Upper
43 100
86 0.0 13.0 19.6





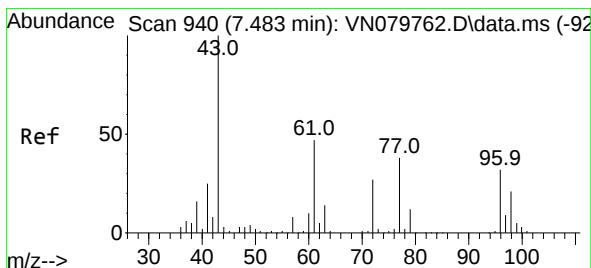
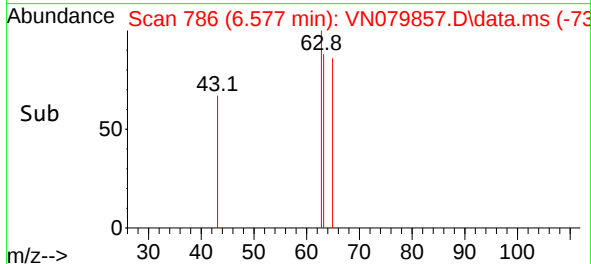
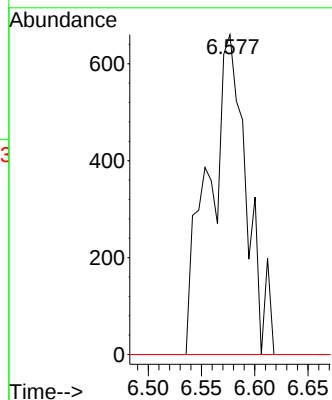
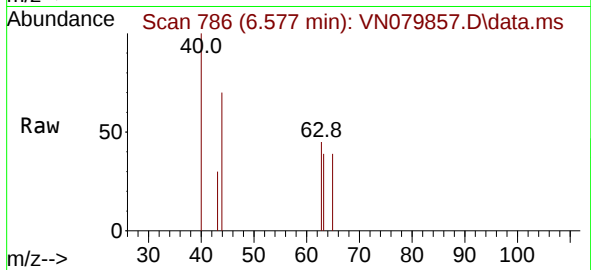
#24
1,1-Dichloroethane
Concen: 0.274 ug/l
RT: 6.577 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

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

Tgt Ion: 63 Resp: 1620
Ion Ratio Lower Upper
63 100
98 0.0 3.9 11.7
100 0.0 2.5 7.4

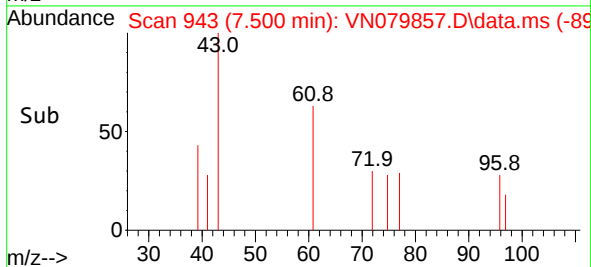
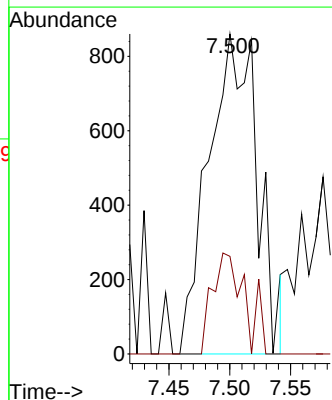
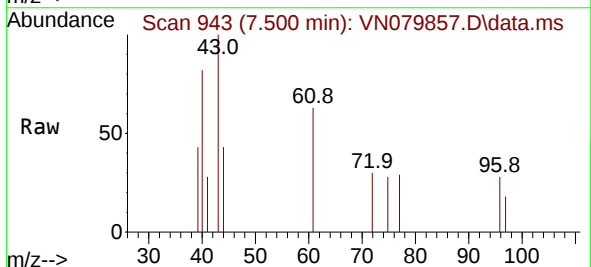
Manual Integrations
APPROVED

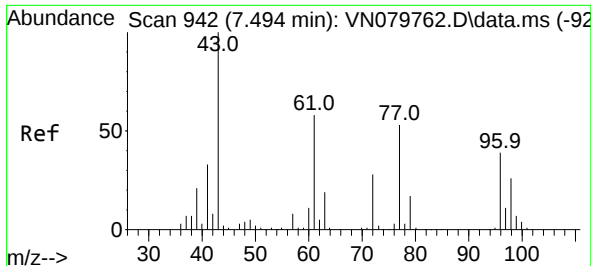
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#25
2-Butanone
Concen: 1.191 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

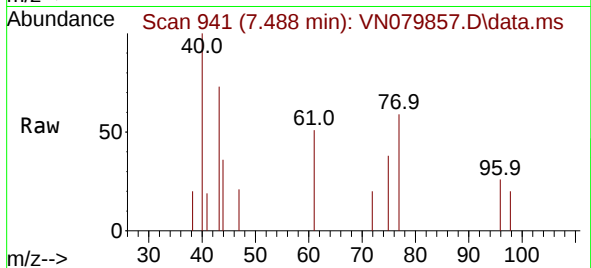
Tgt Ion: 43 Resp: 2385
Ion Ratio Lower Upper
43 100
72 30.5 30.2 45.2





#26
2,2-Dichloropropane
Concen: 0.210 ug/l m
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

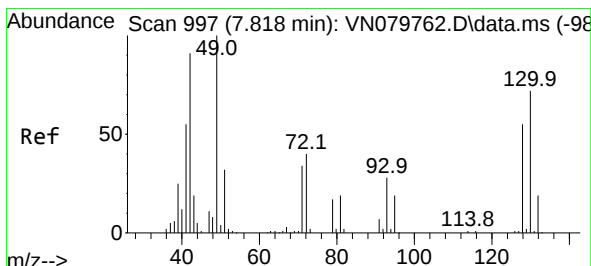
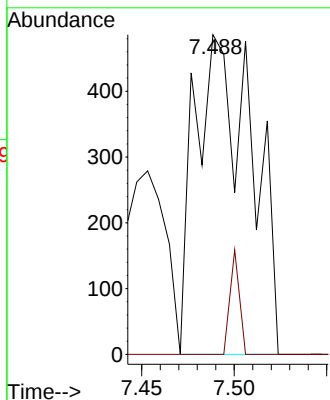
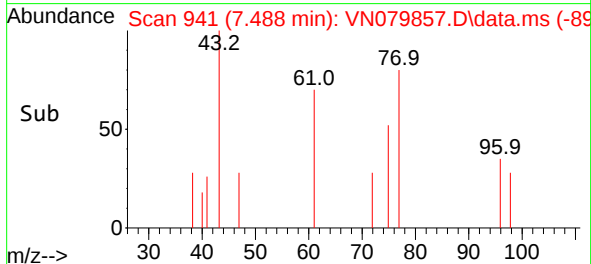
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 77 Resp: 103
Ion Ratio Lower Upper
77 100
97 5.4 11.2 33.6

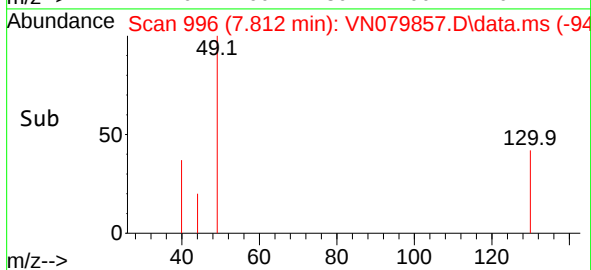
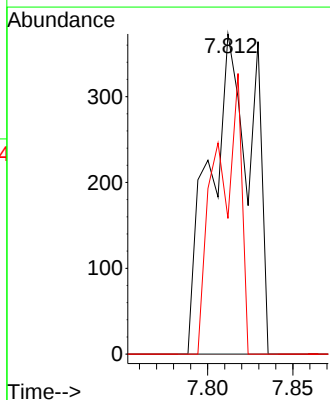
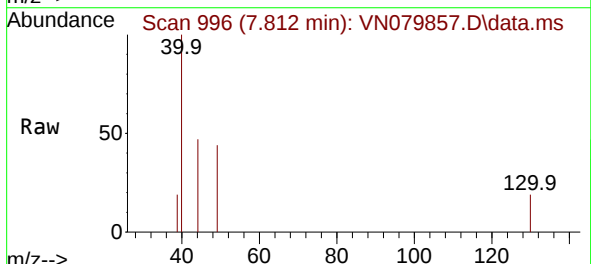
Manual Integrations
APPROVED

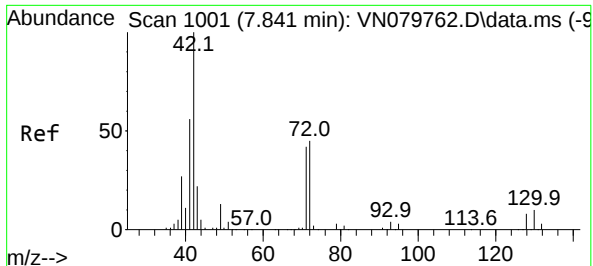
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#28
Bromochloromethane
Concen: 0.222 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 49 Resp: 643
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 50.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 1.232 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.024 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

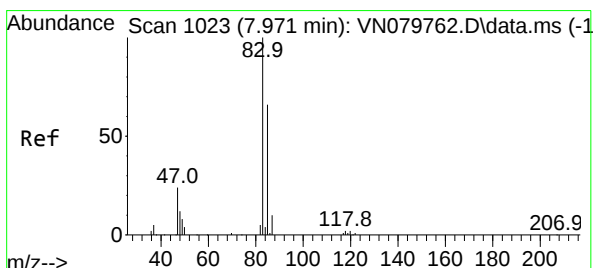
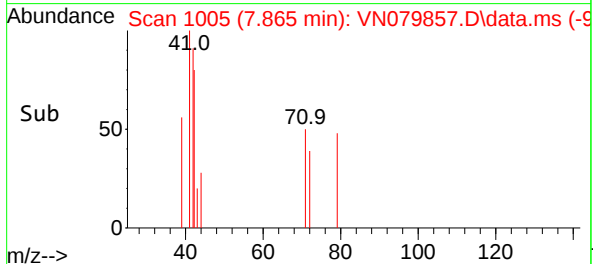
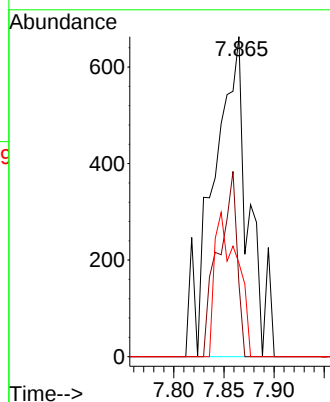
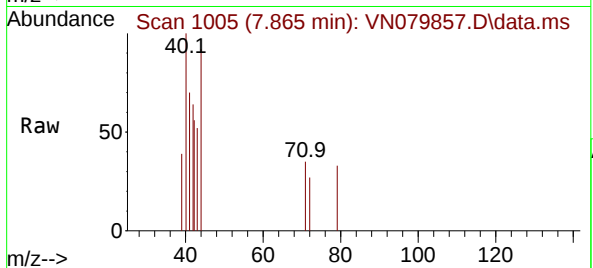
Tgt Ion: 42	Resp: 160
Ion Ratio	Lower Upper
42	100
72	31.1 49.8 74.6
71	28.9 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#30

Chloroform

Concen: 0.421 ug/l

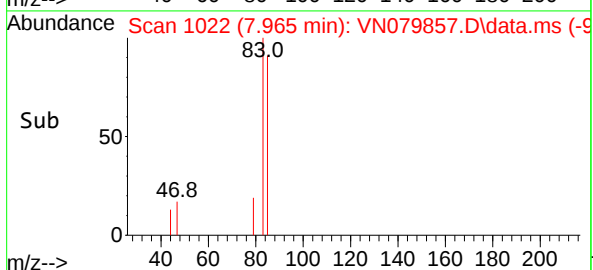
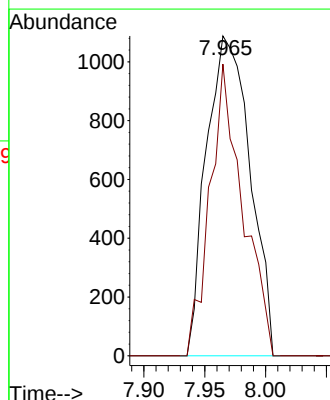
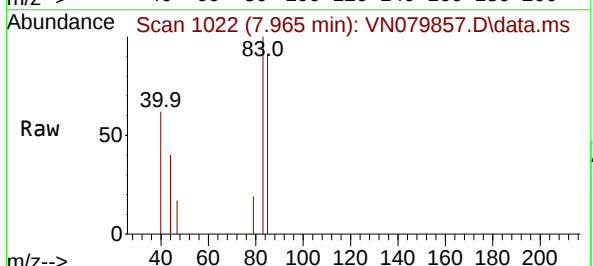
RT: 7.965 min Scan# 1022

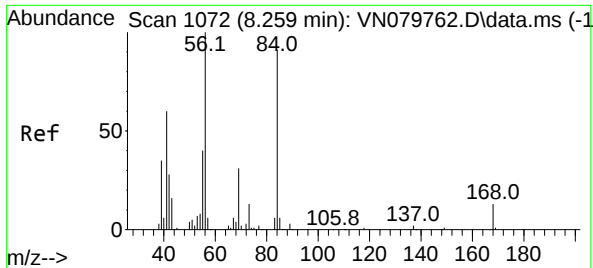
Delta R.T. -0.006 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

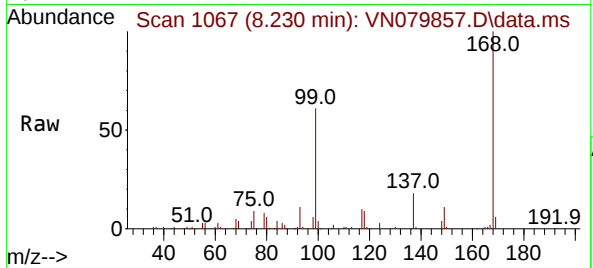
Tgt Ion: 83	Resp: 2715
Ion Ratio	Lower Upper
83	100
85	91.2 55.4 83.0





#31
Cyclohexane
Concen: 1.633 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

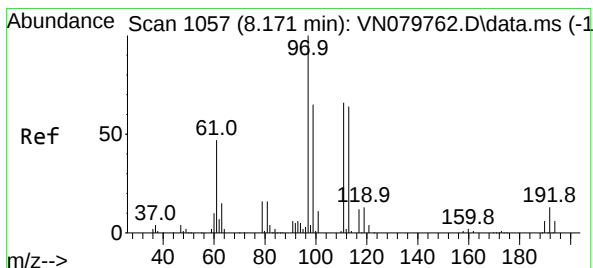
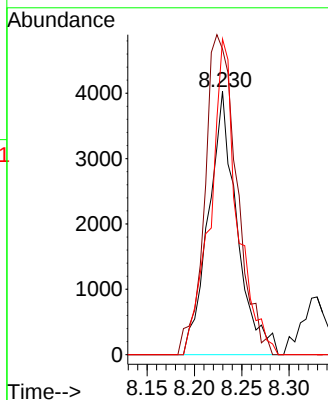
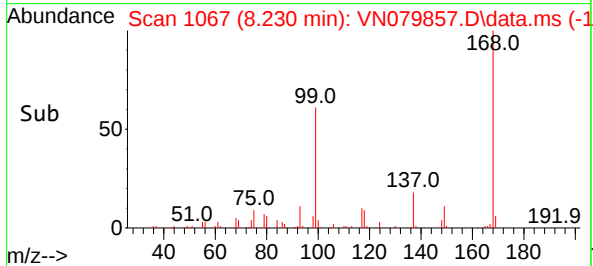
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT4-2023



Tgt Ion: 56 Resp: 840
Ion Ratio Lower Upper
56 100
69 116.1 26.8 40.2
84 119.9 81.8 122.6

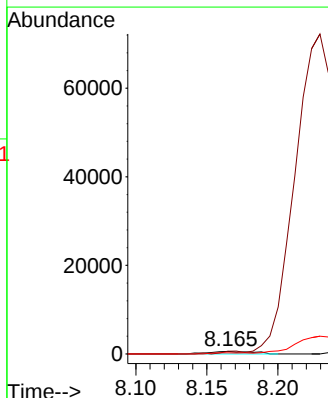
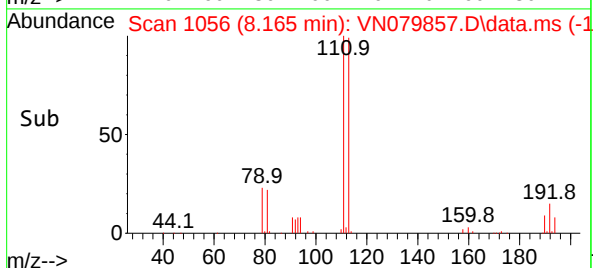
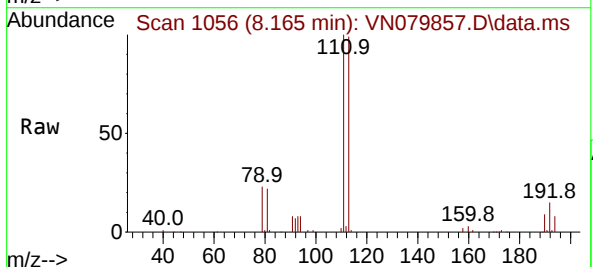
Manual Integrations
APPROVED

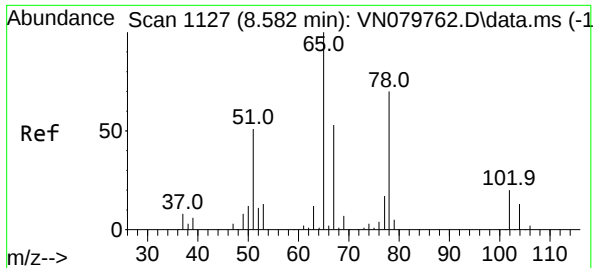
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#32
1,1,1-Trichloroethane
Concen: 0.236 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 97 Resp: 1242
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5
61 39.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 62.964 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 65 Resp: 24518

Ion Ratio Lower Upper

65 100

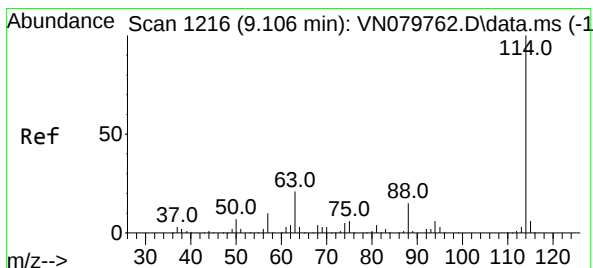
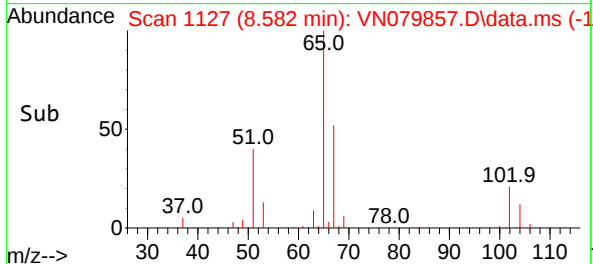
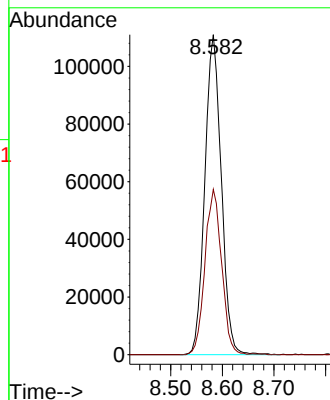
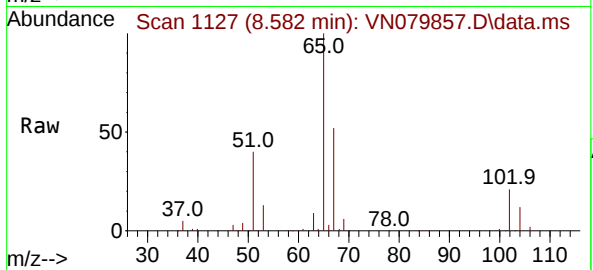
67 52.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

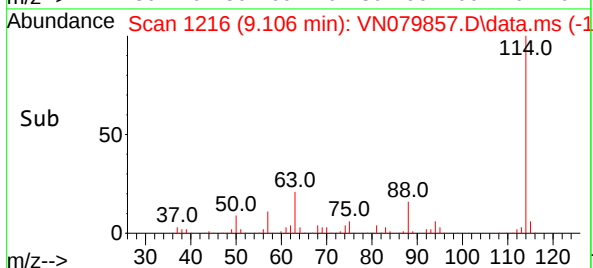
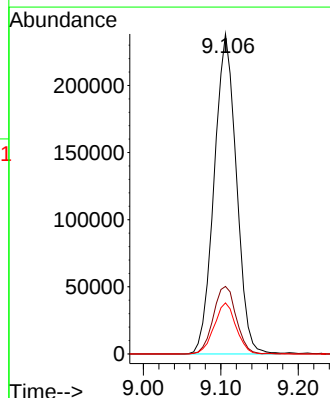
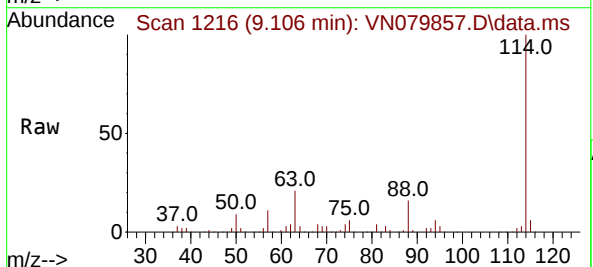
Tgt Ion:114 Resp: 474774

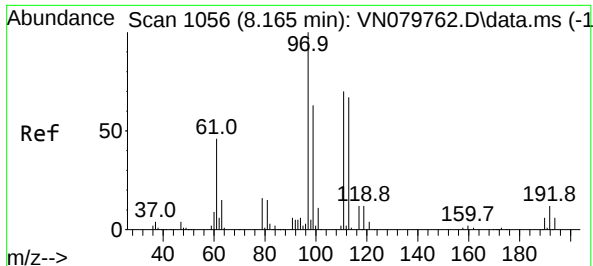
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.943 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion: 113 Resp: 187984

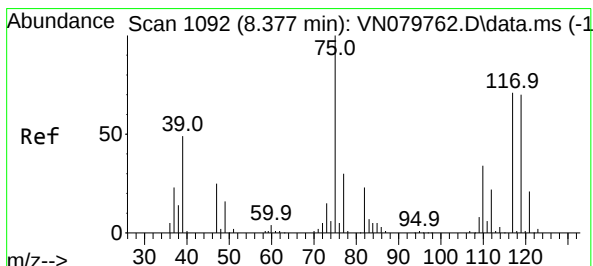
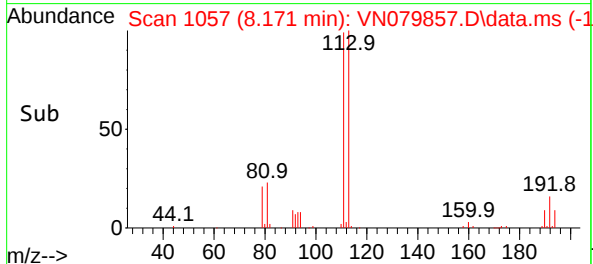
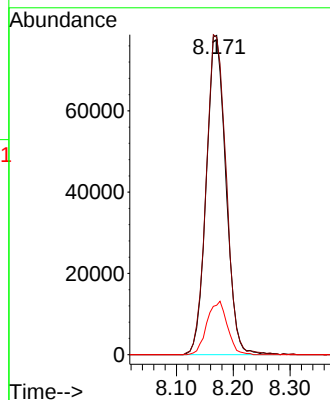
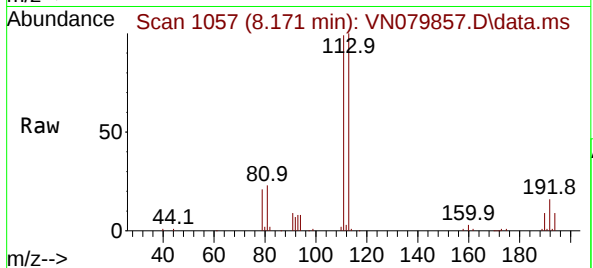
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	17.4	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#36

1,1-Dichloropropene

Concen: 0.244 ug/l

RT: 8.371 min Scan# 1091

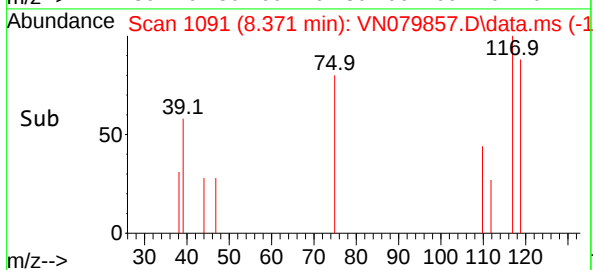
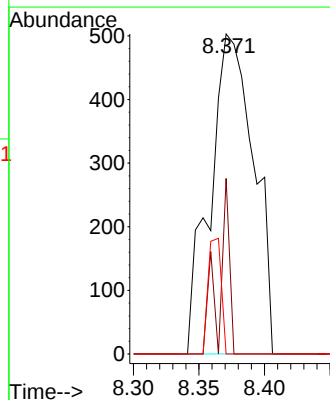
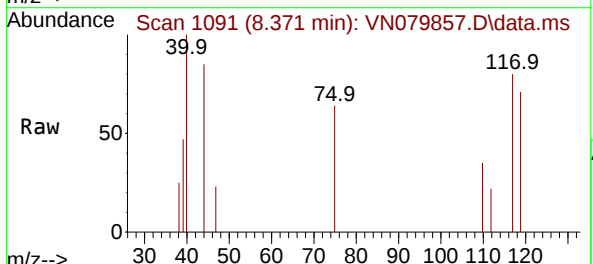
Delta R.T. -0.006 min

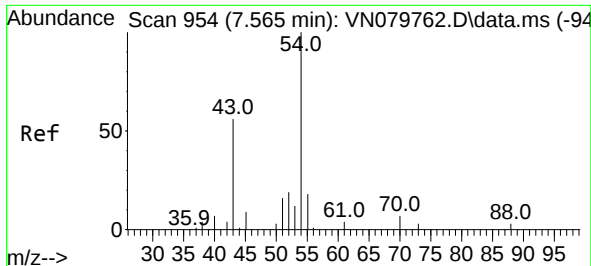
Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Tgt Ion: 75 Resp: 1170

Ion	Ratio	Lower	Upper
75	100		
110	13.2	19.1	57.3#
77	10.9	25.0	37.4#





#37

Ethyl Acetate

Concen: 0.255 ug/l m

RT: 7.577 min Scan# 9

Delta R.T. 0.012 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

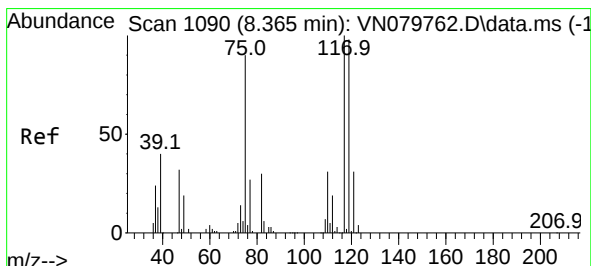
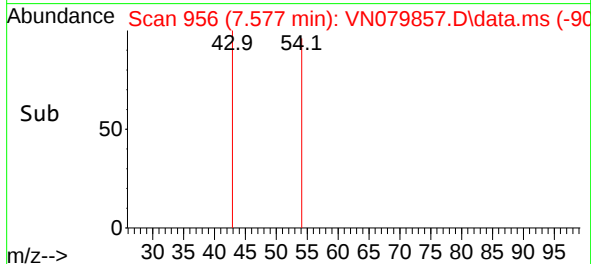
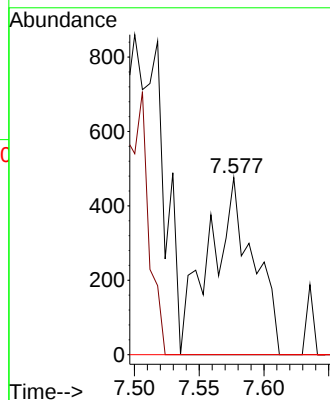
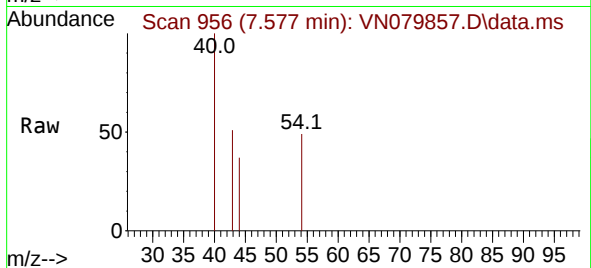
Tgt Ion:	43	Resp:	1124
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.2	19.8
70	0.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#38

Carbon Tetrachloride

Concen: 0.303 ug/l

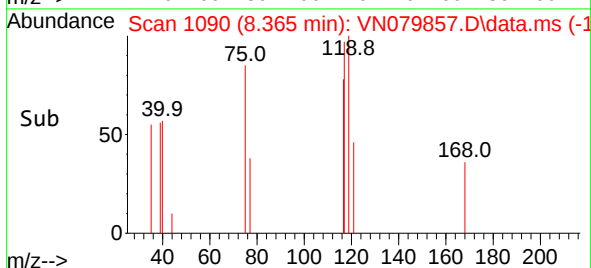
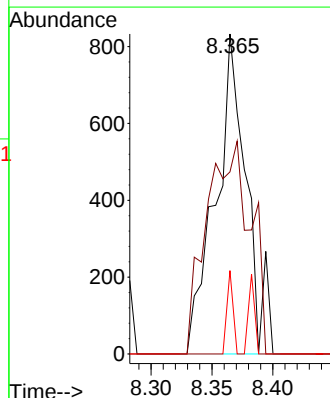
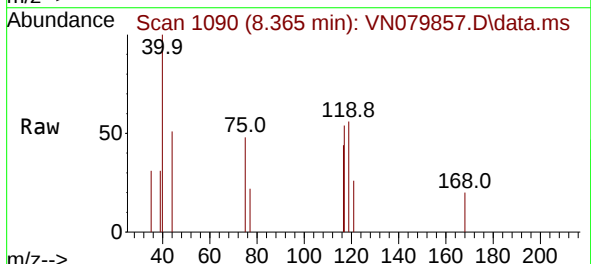
RT: 8.365 min Scan# 1090

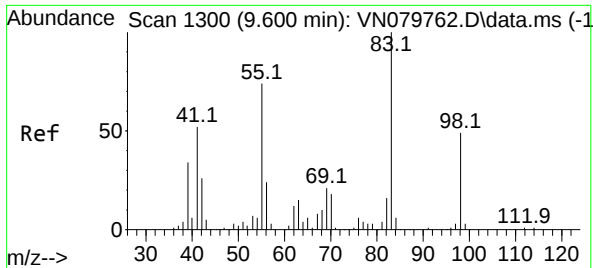
Delta R.T. 0.006 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Tgt Ion:	117	Resp:	1466
Ion	Ratio	Lower	Upper
117	100		
119	56.9	77.3	115.9
121	26.1	23.3	34.9





#39

Methylcyclohexane

Concen: 0.221 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

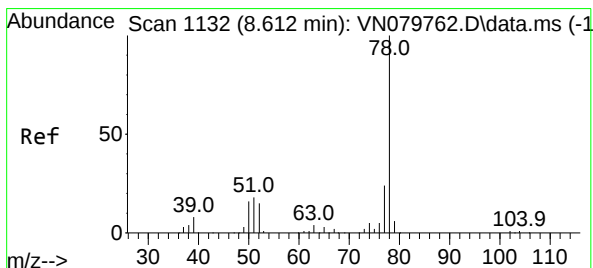
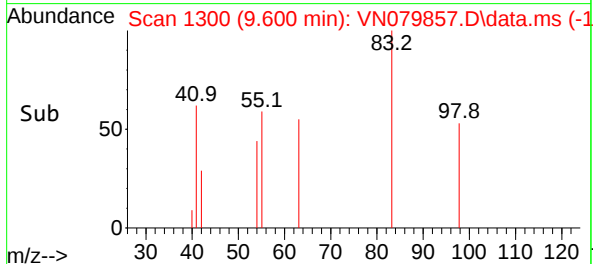
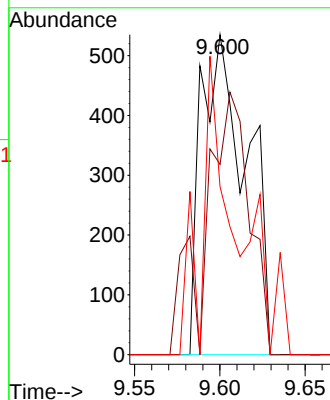
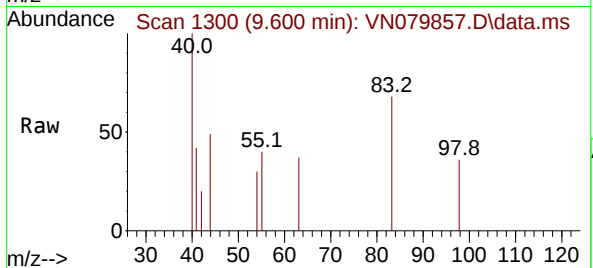
Tgt Ion: 83	Resp: 1000
Ion Ratio	Lower Upper
83	100
55	59.4 49.1 73.7
98	52.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#40

Benzene

Concen: 0.203 ug/l m

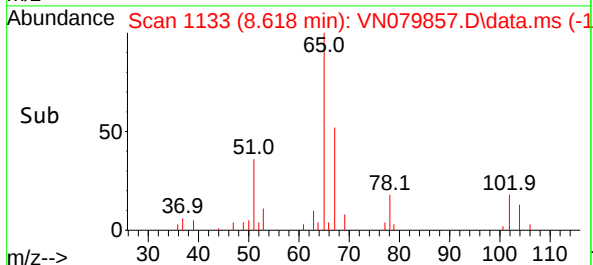
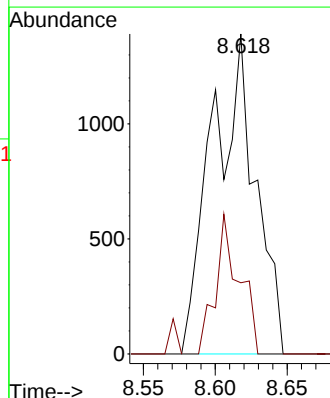
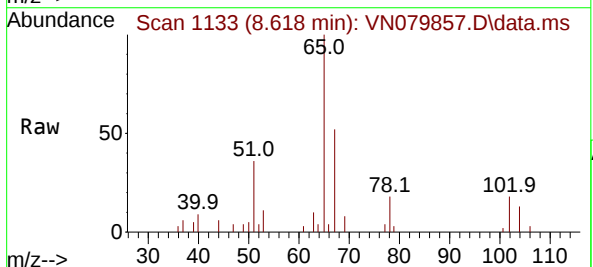
RT: 8.618 min Scan# 1133

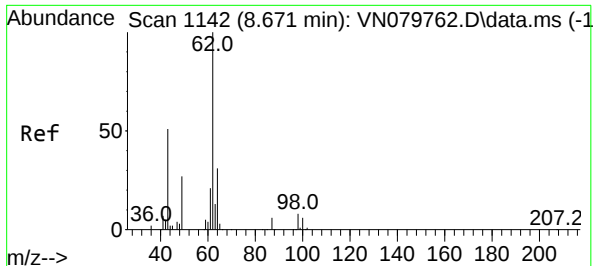
Delta R.T. 0.006 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Tgt Ion: 78	Resp: 2912
Ion Ratio	Lower Upper
78	100
77	22.2 19.0 28.6





#42

1,2-Dichloroethane

Concen: 0.382 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

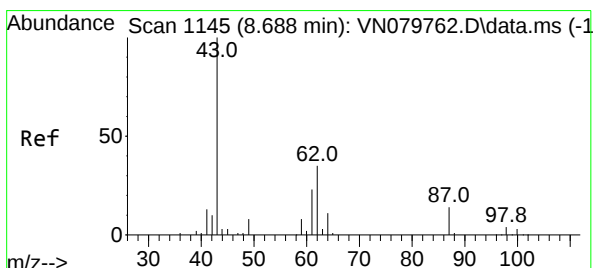
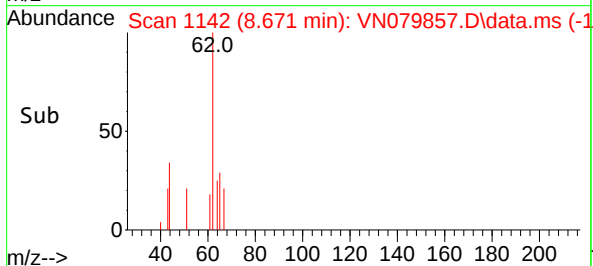
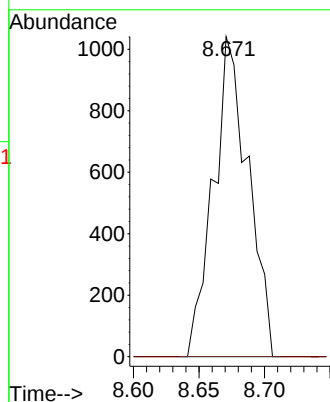
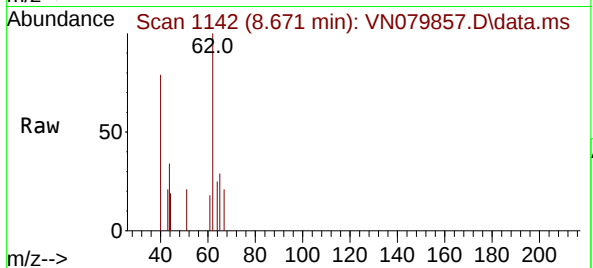
Tgt Ion: 62 Resp: 1910
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#43

Isopropyl Acetate

Concen: 0.219 ug/l

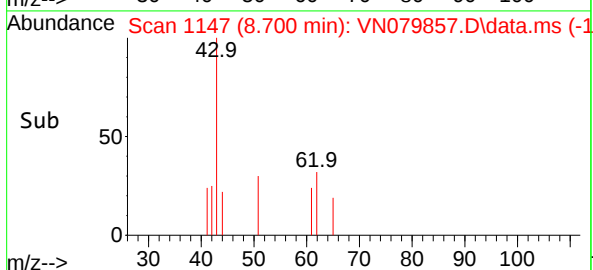
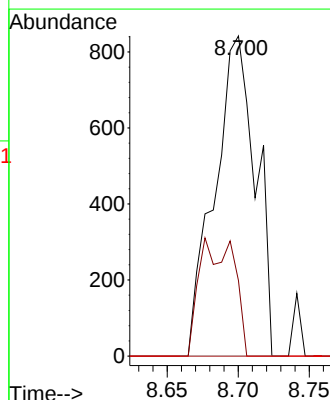
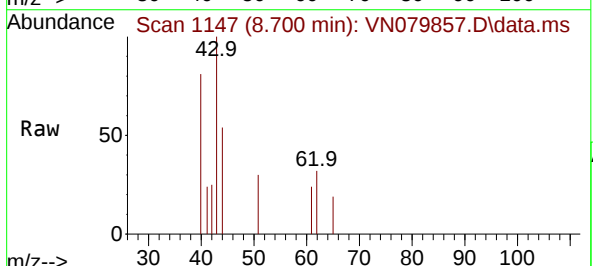
RT: 8.700 min Scan# 1147

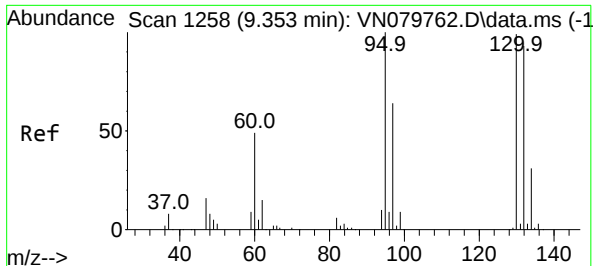
Delta R.T. 0.012 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

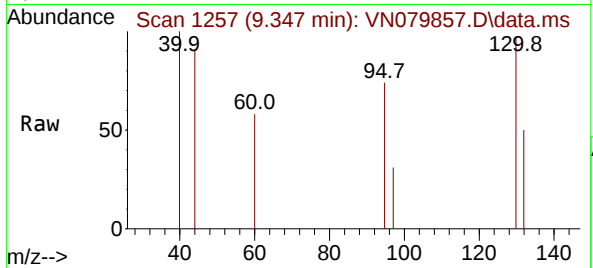
Tgt Ion: 43 Resp: 1691
 Ion Ratio Lower Upper
 43 100
 61 0.0 24.7 37.1#
 87 0.0 14.6 21.8#





#44
Trichloroethene
Concen: 0.227 ug/l m
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

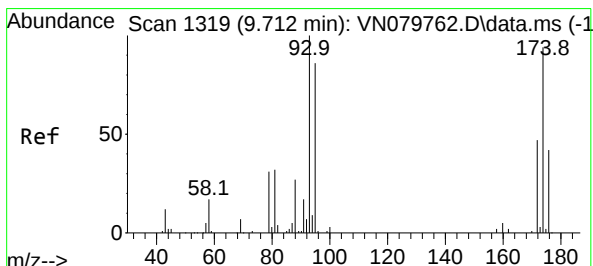
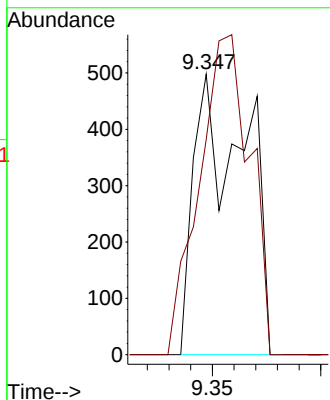
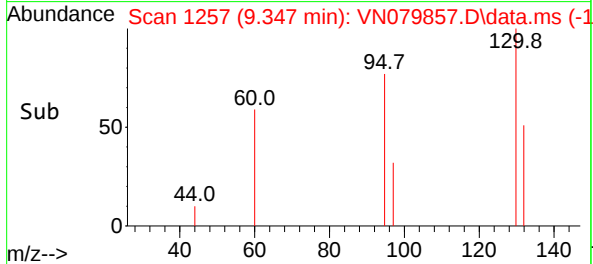
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



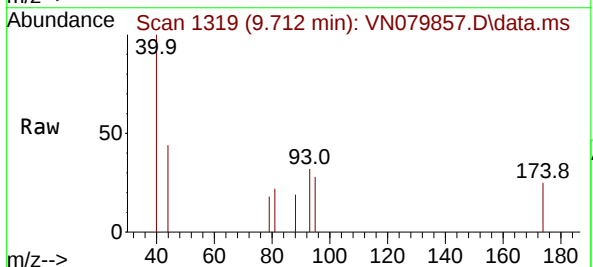
Tgt Ion:130 Resp: 81
Ion Ratio Lower Upper
130 100
95 76.7 0.0 204.6

Manual Integrations
APPROVED

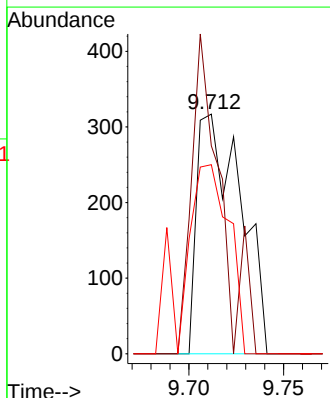
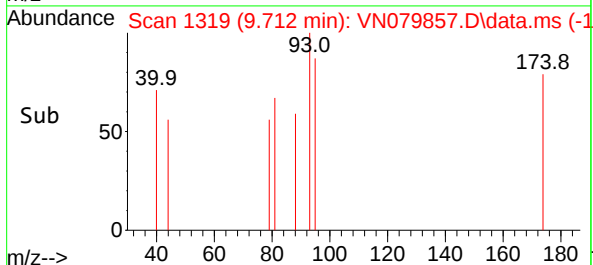
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

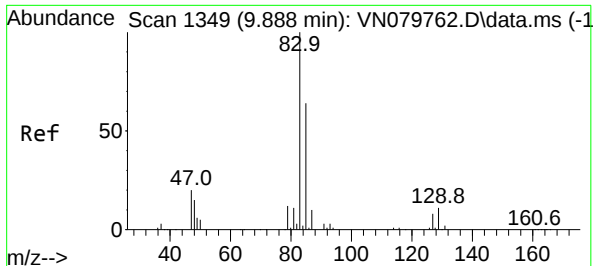


#46
Dibromomethane
Concen: 0.203 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27



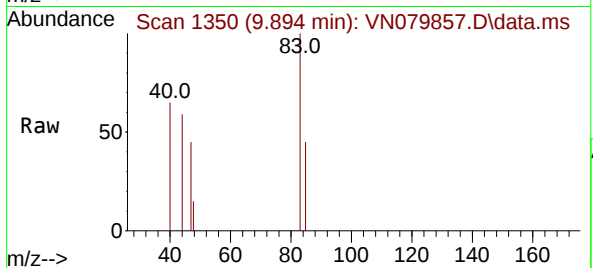
Tgt Ion: 93 Resp: 510
Ion Ratio Lower Upper
93 100
95 88.2 63.8 95.8
174 81.0 65.6 98.4





#47
Bromodichloromethane
Concen: 0.370 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

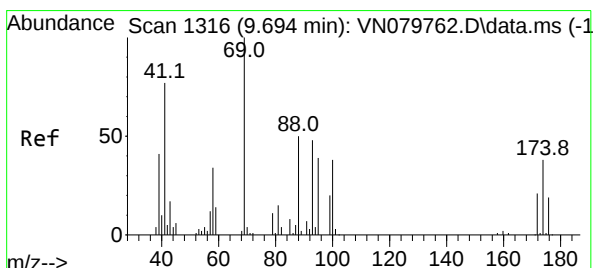
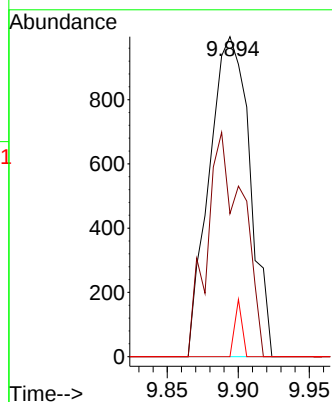
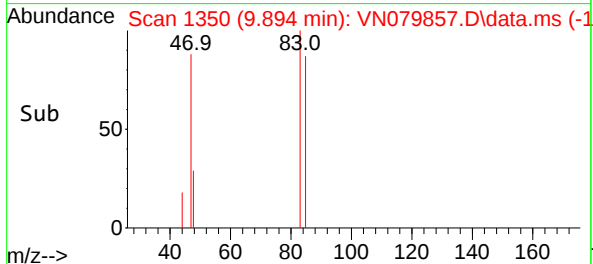
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



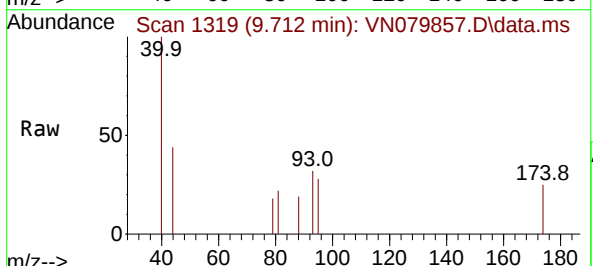
Tgt Ion: 83 Resp: 198
Ion Ratio Lower Upper
83 100
85 44.7 49.6 74.4#
127 0.0 7.0 10.6#

Manual Integrations
APPROVED

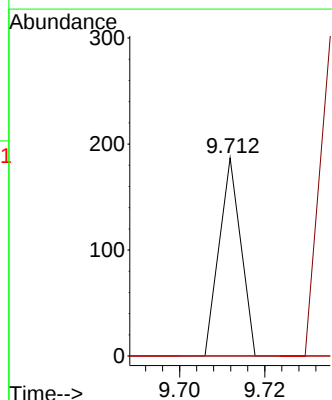
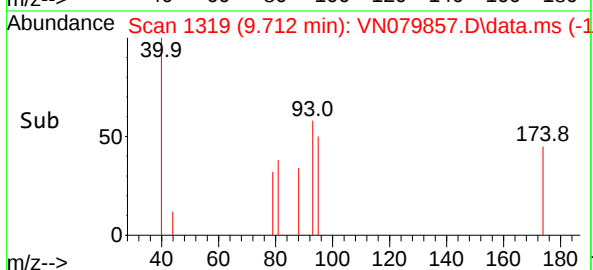
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

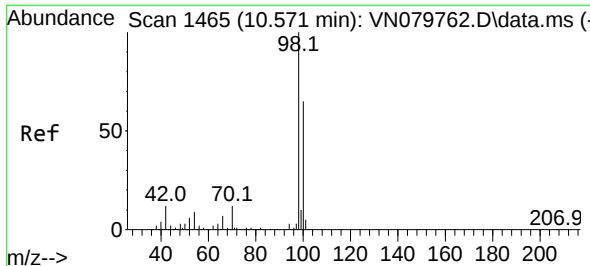


#49
1,4-Dioxane
Concen: 1.105 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.018 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27



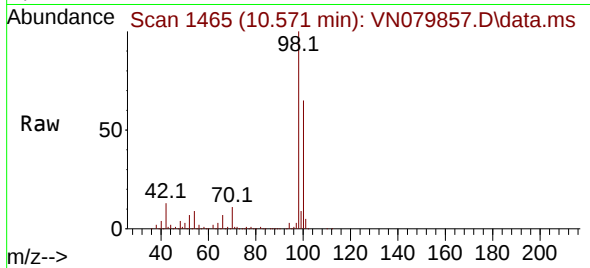
Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#





#50
Toluene-d8
Concen: 50.840 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

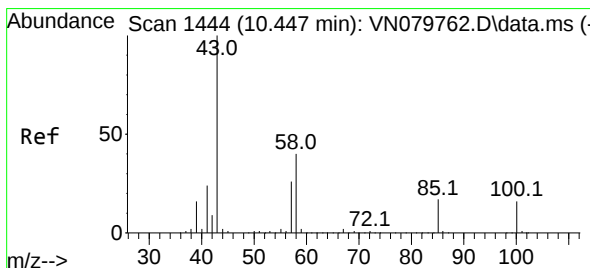
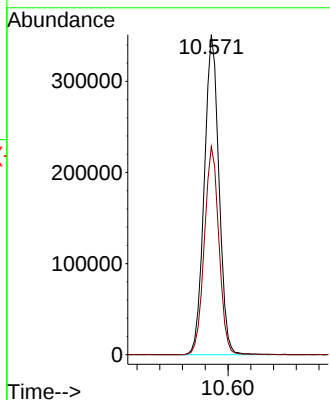
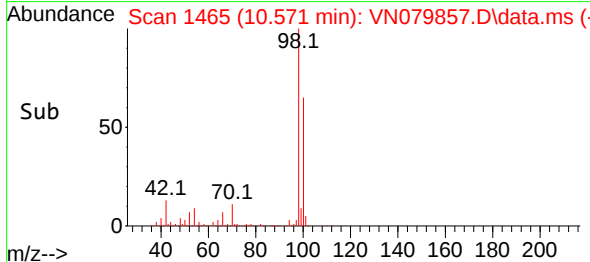
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



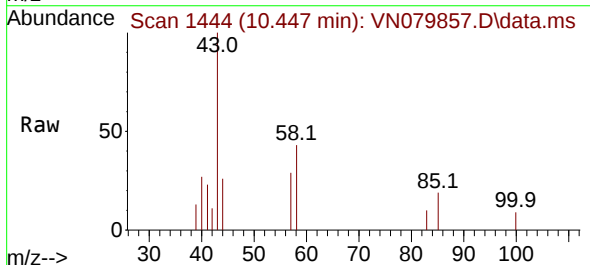
Tgt Ion: 98 Resp: 62890
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

Manual Integrations
APPROVED

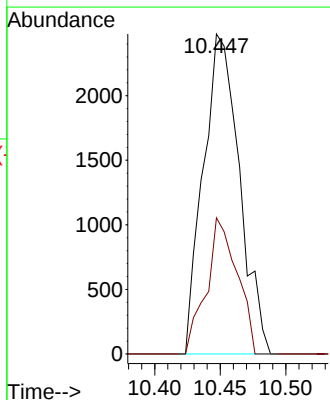
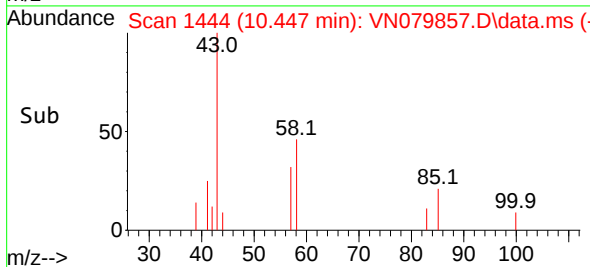
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

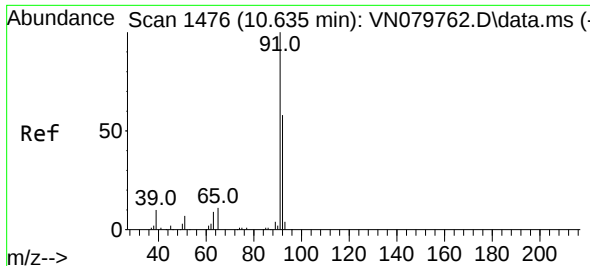


#51
4-Methyl-2-Pentanone
Concen: 1.095 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27



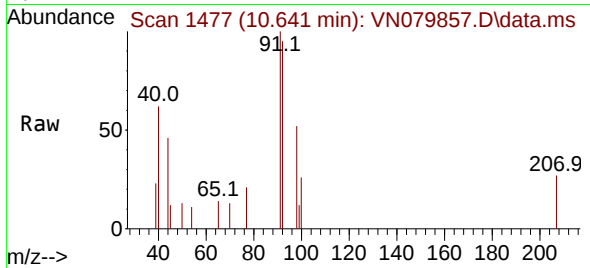
Tgt Ion: 43 Resp: 4759
Ion Ratio Lower Upper
43 100
58 36.1 36.6 54.8#





#52
Toluene
Concen: 0.280 ug/l
RT: 10.641 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

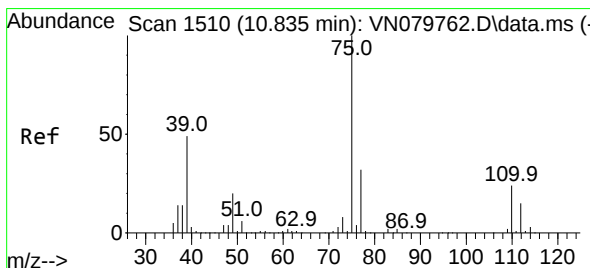
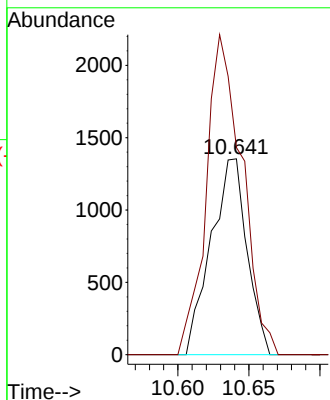
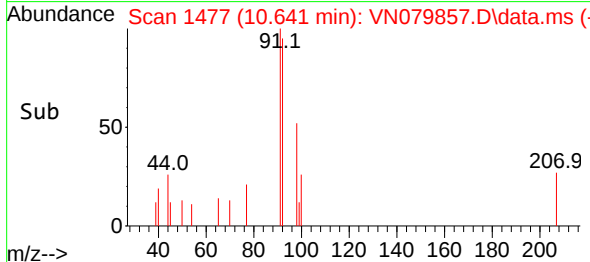
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 92 Resp: 2385
Ion Ratio Lower Upper
92 100
91 162.9 137.4 206.0

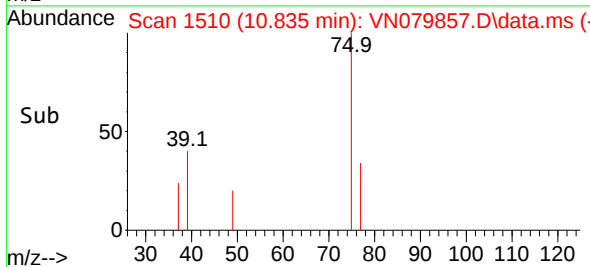
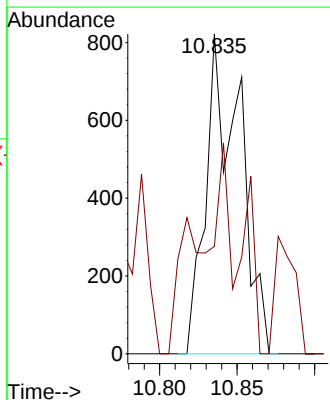
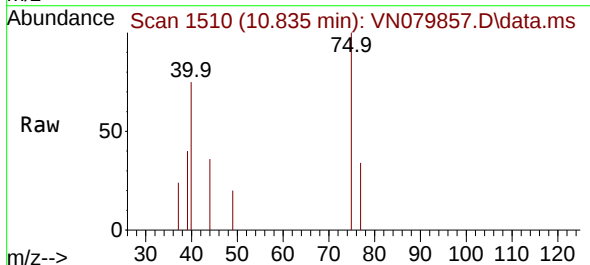
Manual Integrations
APPROVED

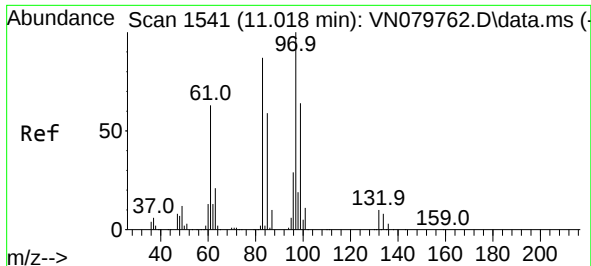
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#53
t-1,3-Dichloropropene
Concen: 0.239 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

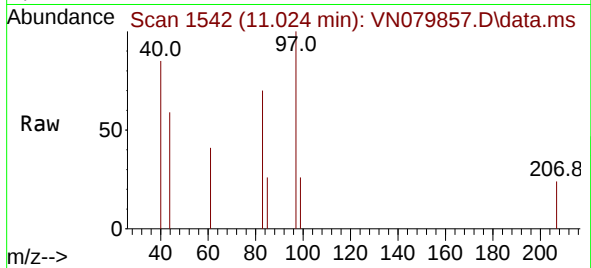
Tgt Ion: 75 Resp: 1254
Ion Ratio Lower Upper
75 100
77 3.9 25.4 38.0#





#55
1,1,2-Trichloroethane
Concen: 0.233 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

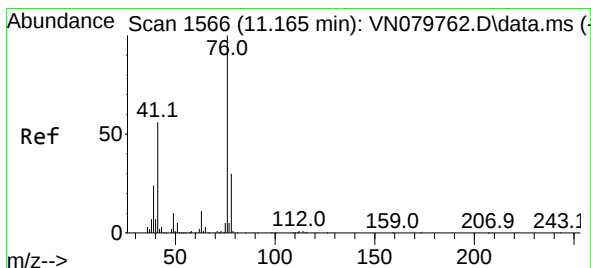
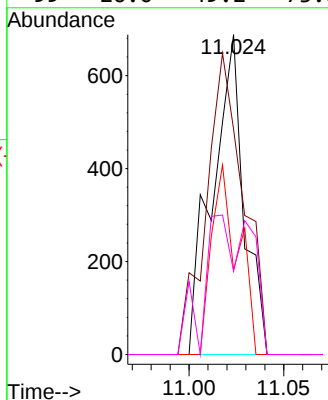
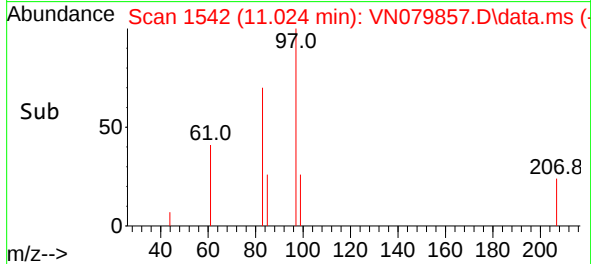
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion	Ratio	Lower	Upper
97	100		
83	70.5	65.1	97.7
85	26.5	43.4	65.2
99	26.0	49.2	73.8

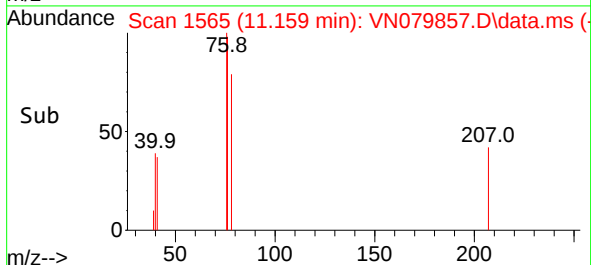
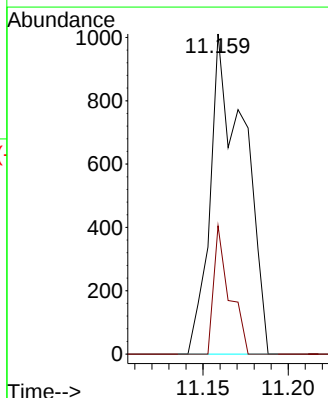
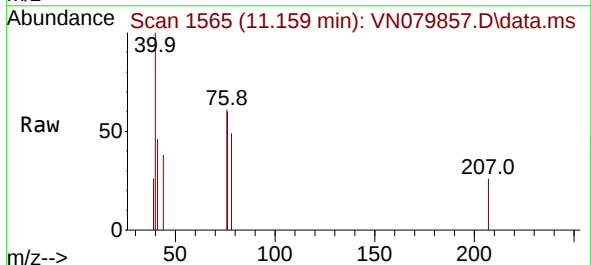
Manual Integrations
APPROVED

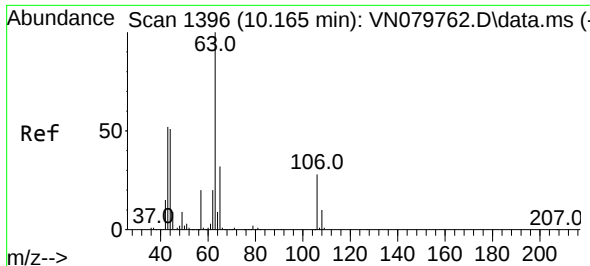
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#57
1,3-Dichloropropane
Concen: 0.232 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

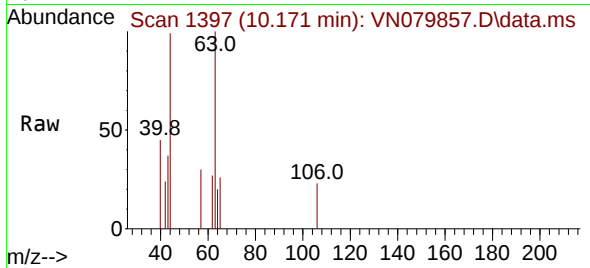
Tgt Ion	Ratio	Lower	Upper
76	100		
78	18.5	26.1	39.1





#58
2-Chloroethyl Vinyl ether
Concen: 0.748 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

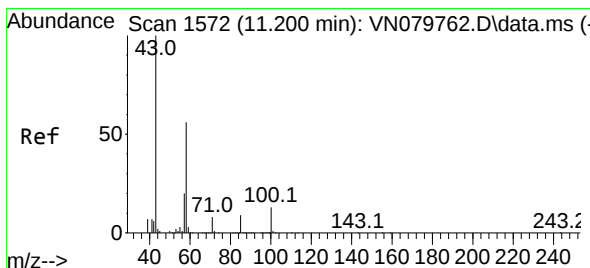
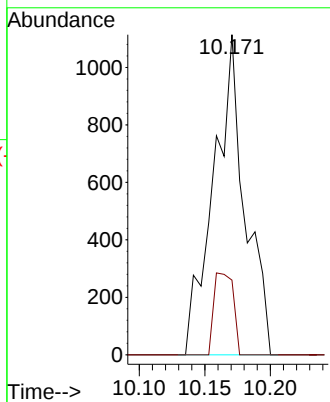
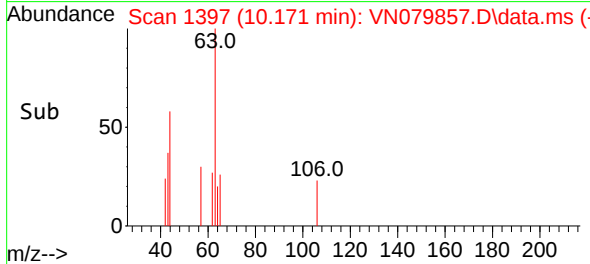
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion: 63 Resp: 185
Ion Ratio Lower Upper
63 100
106 15.7 26.2 39.4

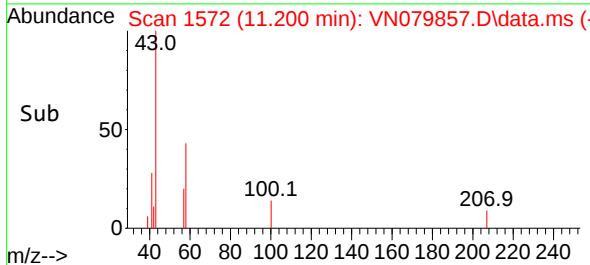
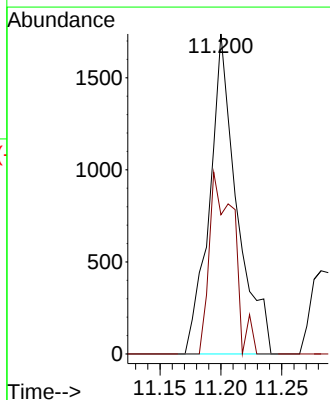
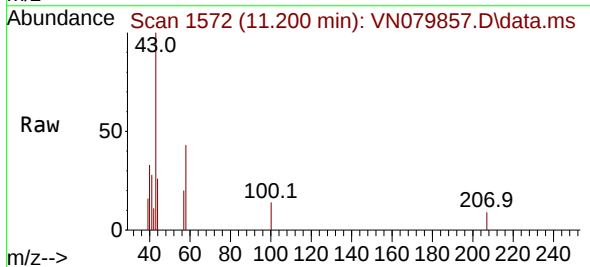
Manual Integrations
APPROVED

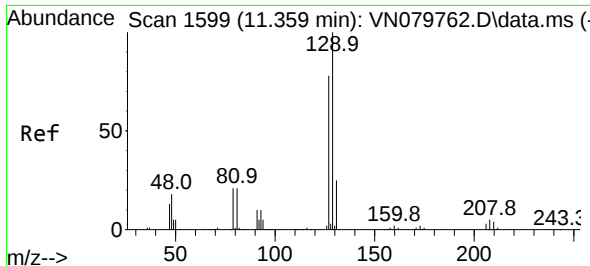
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#59
2-Hexanone
Concen: 0.818 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

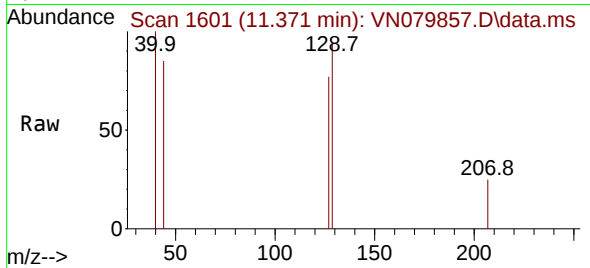
Tgt Ion: 43 Resp: 2718
Ion Ratio Lower Upper
43 100
58 50.4 31.7 95.1





#60
Dibromochloromethane
Concen: 0.260 ug/l
RT: 11.371 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

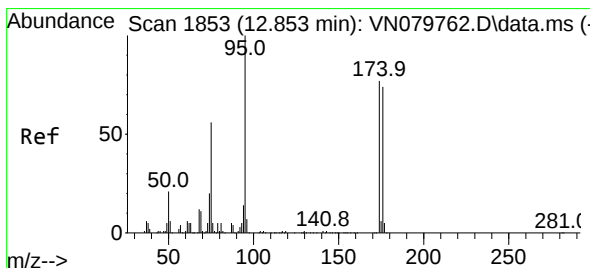
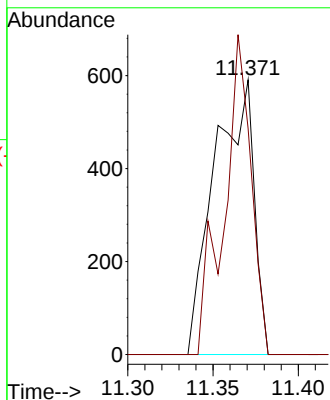
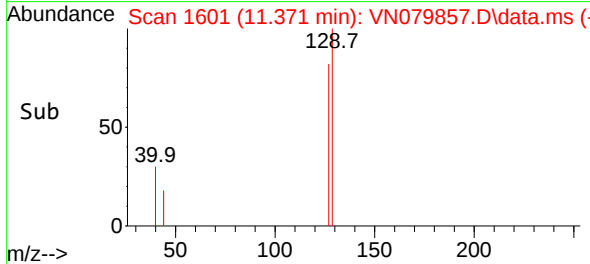
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:129 Resp: 952
Ion Ratio Lower Upper
129 100
127 80.0 38.6 116.0

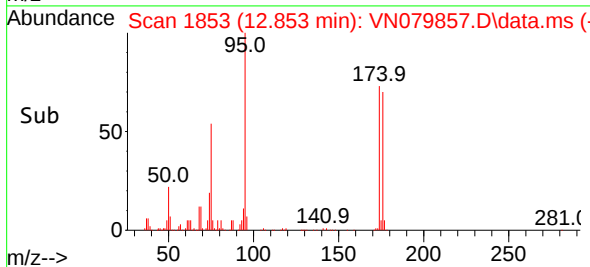
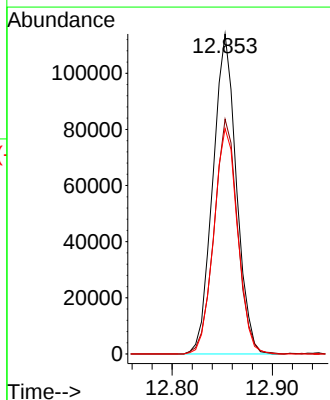
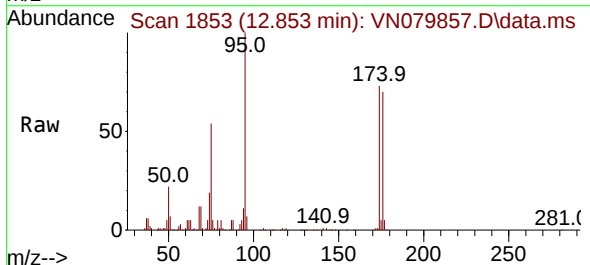
Manual Integrations
APPROVED

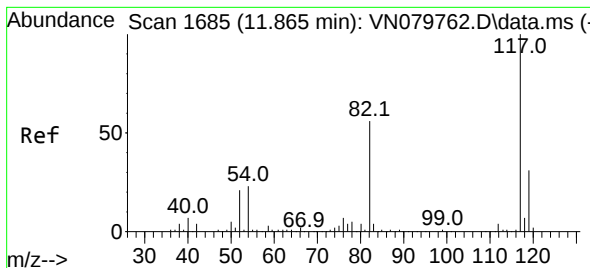
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#62
4-Bromofluorobenzene
Concen: 45.164 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 95 Resp: 185289
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.8
176 71.5 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079857.D

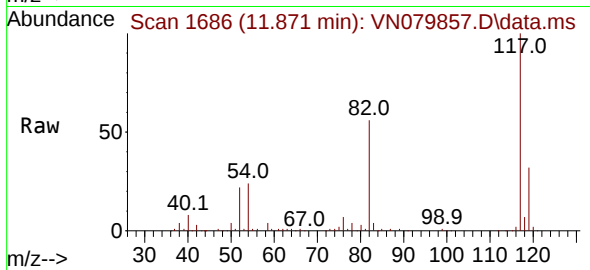
Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion:117 Resp: 42538

Ion Ratio Lower Upper

117 100

82 56.4 44.0 66.0

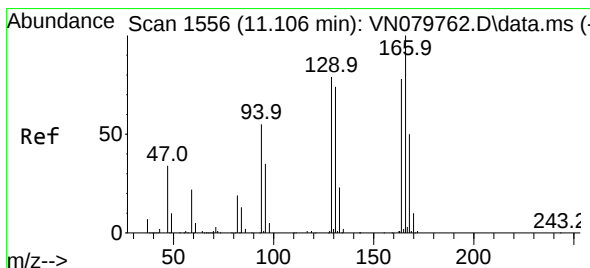
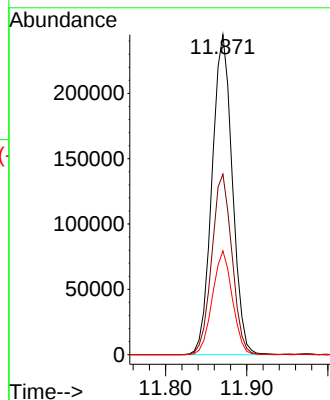
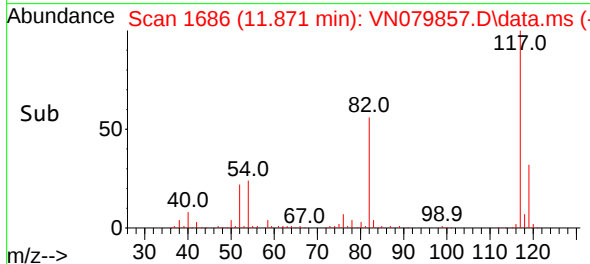
119 32.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#64

Tetrachloroethene

Concen: 0.217 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.006 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Tgt Ion:164 Resp: 599

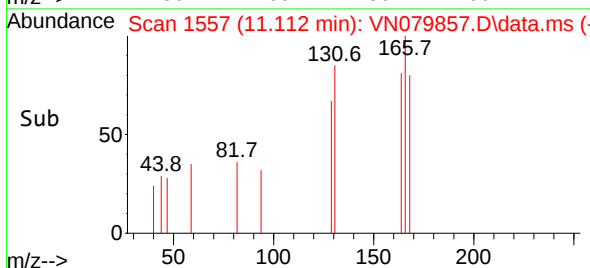
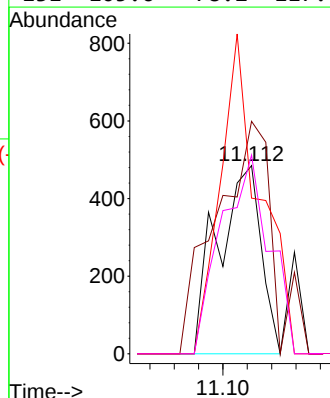
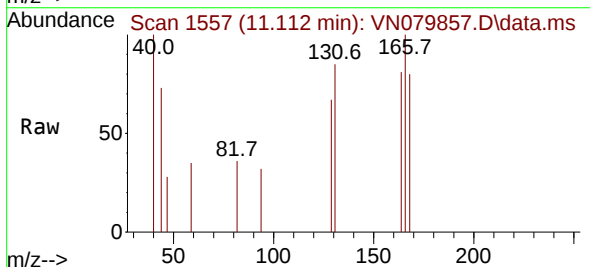
Ion Ratio Lower Upper

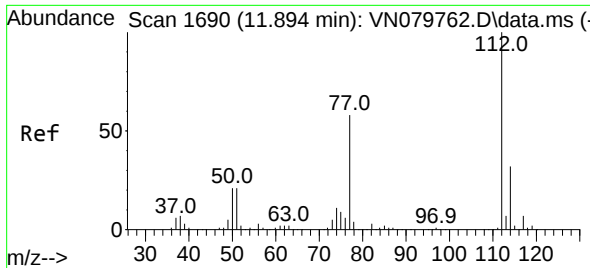
164 100

166 123.5 101.4 152.0

129 82.7 82.4 123.6

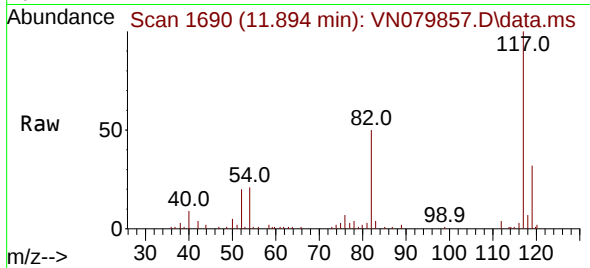
131 105.6 78.2 117.4





#65
Chlorobenzene
Concen: 0.237 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

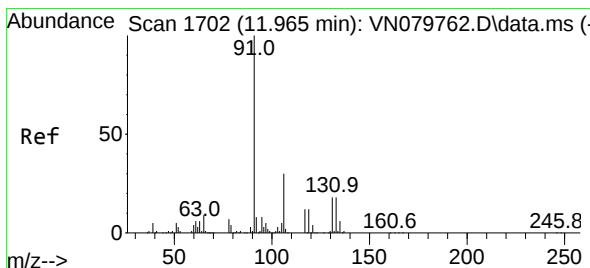
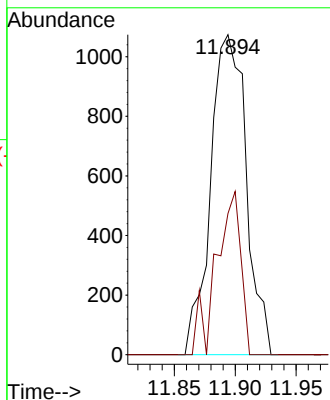
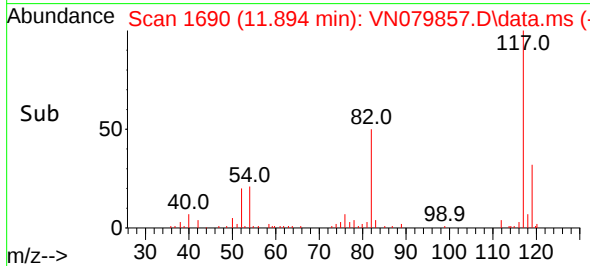
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



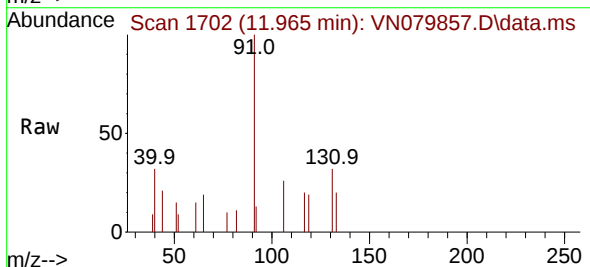
Tgt Ion:112 Resp: 2190
Ion Ratio Lower Upper
112 100
114 44.1 25.0 37.4

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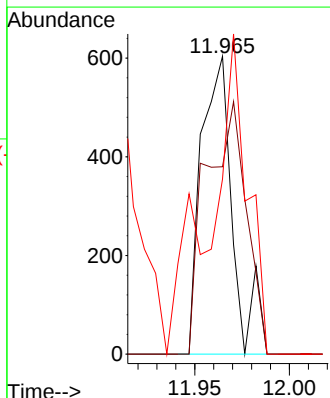
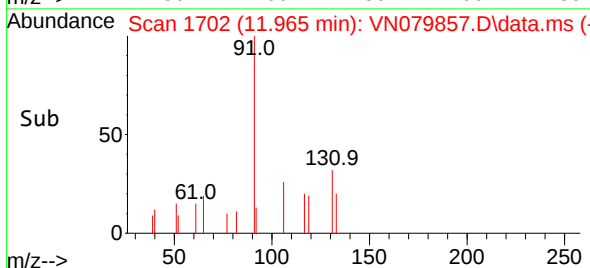
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

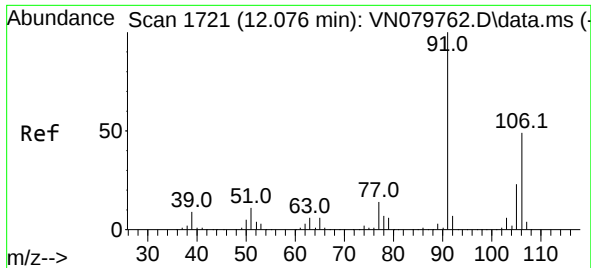


#66
1,1,1,2-Tetrachloroethane
Concen: 0.208 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27



Tgt Ion:131 Resp: 693
Ion Ratio Lower Upper
131 100
133 108.9 46.4 139.1
119 0.0 34.1 102.2





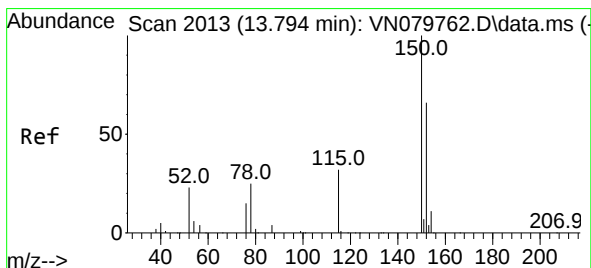
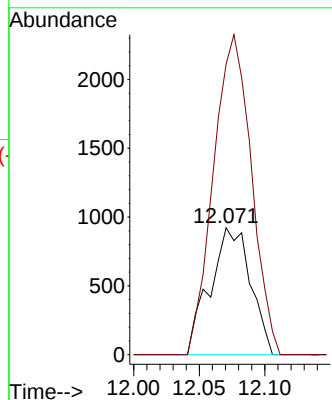
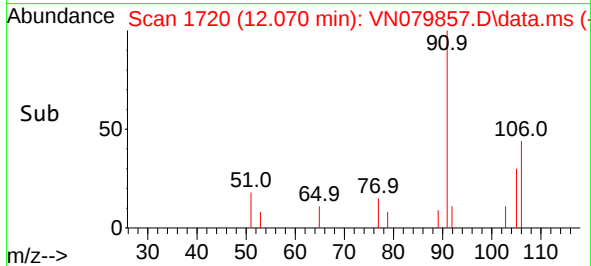
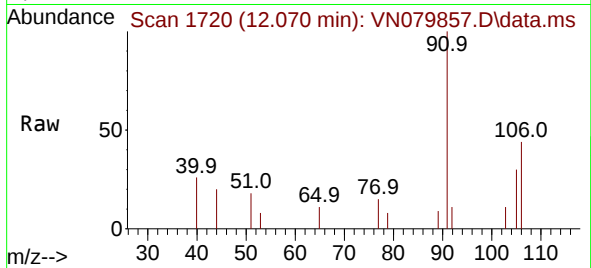
#68
m/p-Xylenes
Concen: 0.331 ug/l
RT: 12.070 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

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

Tgt Ion:106 Resp: 198
Ion Ratio Lower Upper
106 100
91 236.0 159.6 239.4

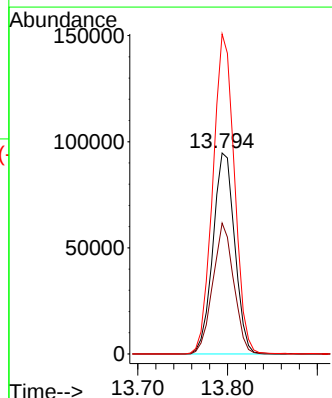
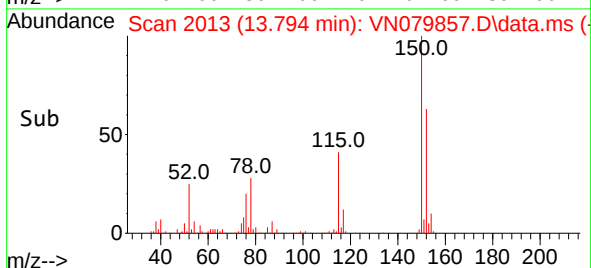
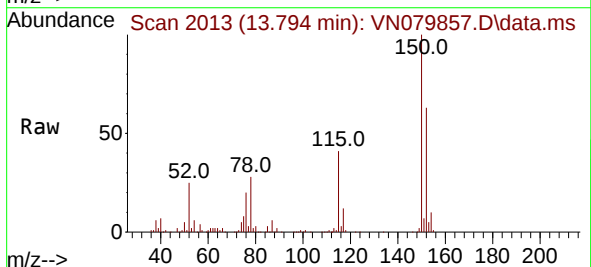
Manual Integrations
APPROVED

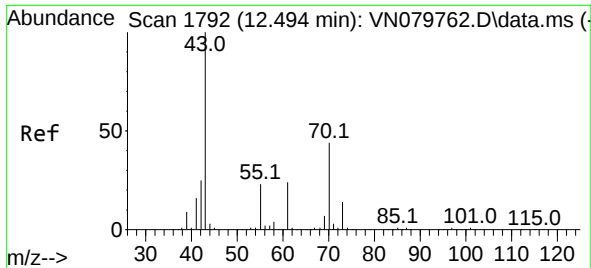
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

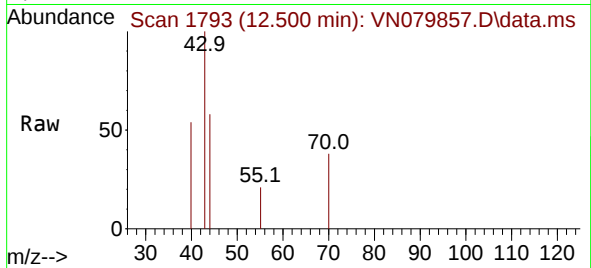
Tgt Ion:152 Resp: 159369
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 157.9 0.0 355.8





#74
N-ethyl acetate
Concen: 0.208 ug/l
RT: 12.500 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

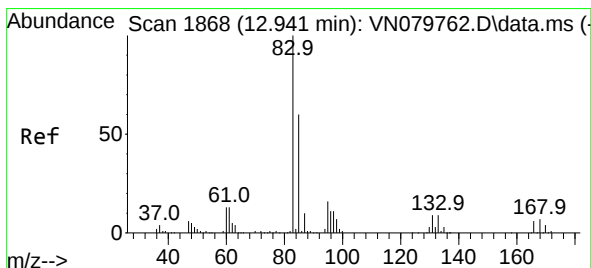
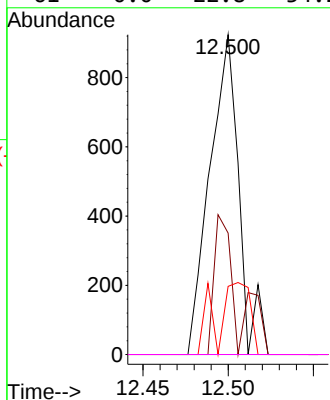
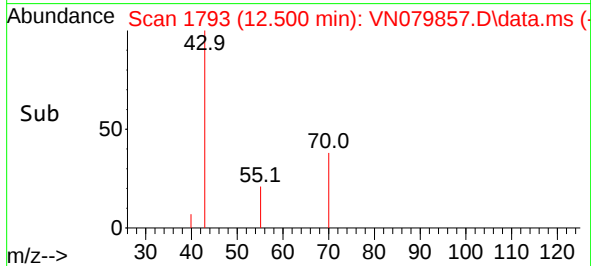
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.5	43.4	65.2
55	25.8	21.4	32.0
61	0.0	22.8	34.2

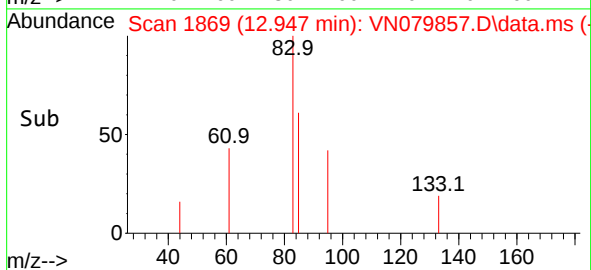
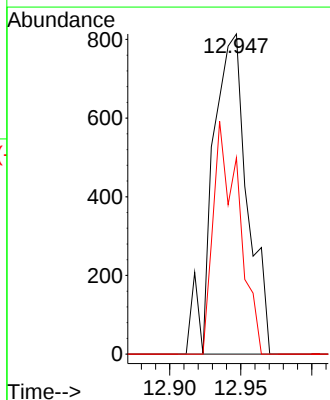
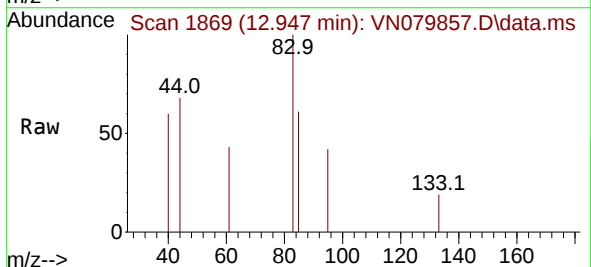
Manual Integrations
APPROVED

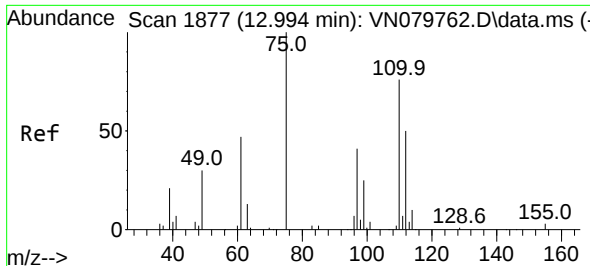
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 0.323 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

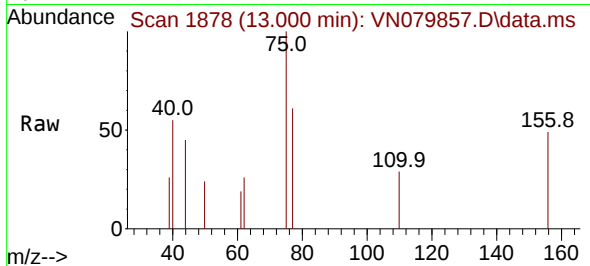
Tgt Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	15.0
85	53.4	31.9	95.7





#76
1,2,3-Trichloropropane
Concen: 0.324 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

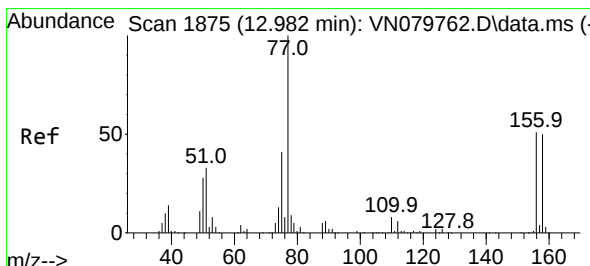
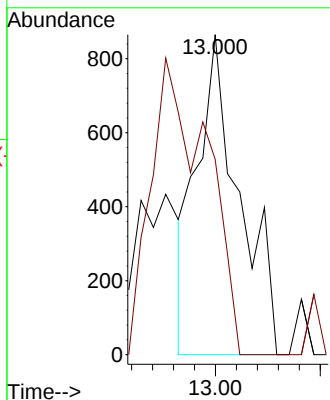
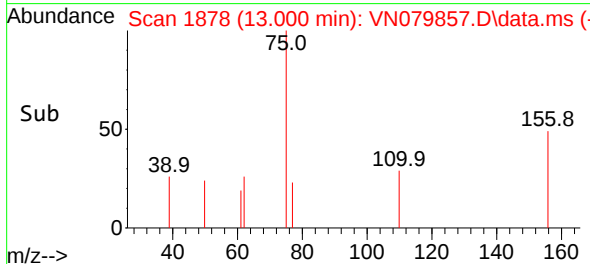
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



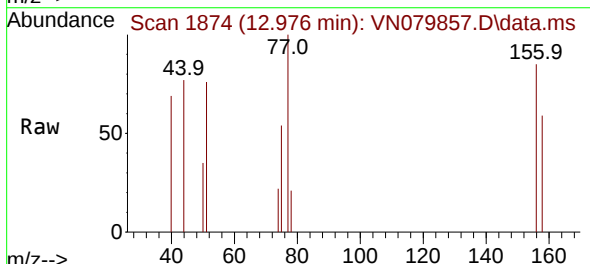
Tgt Ion: 75 Resp: 121
Ion Ratio Lower Upper
75 100
77 107.6 84.5 253.5

Manual Integrations
APPROVED

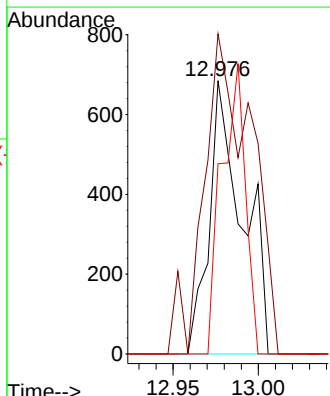
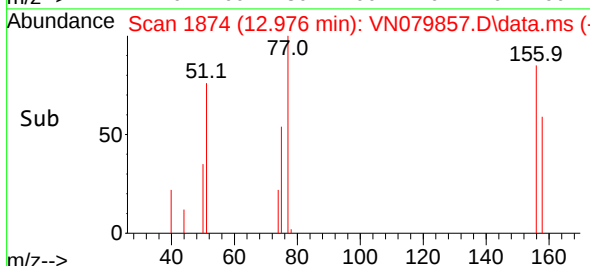
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

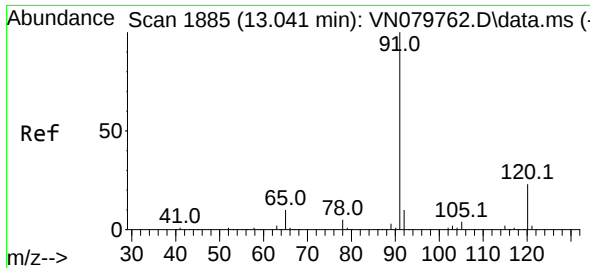


#77
Bromobenzene
Concen: 0.313 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27



Tgt Ion:156 Resp: 927
Ion Ratio Lower Upper
156 100
77 167.1 107.7 323.3
158 75.9 48.4 145.3





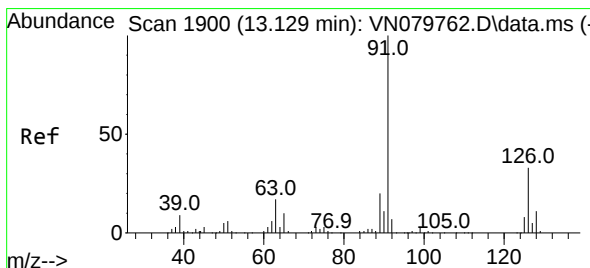
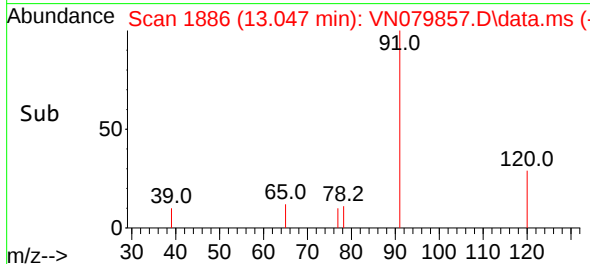
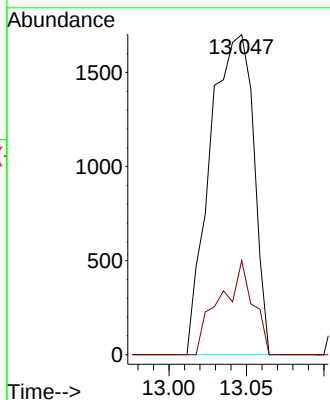
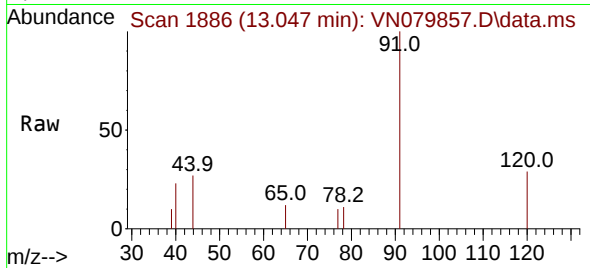
#78
n-propylbenzene
Concen: 0.240 ug/l
RT: 13.047 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

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

Tgt Ion: 91 Resp: 3318
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.4

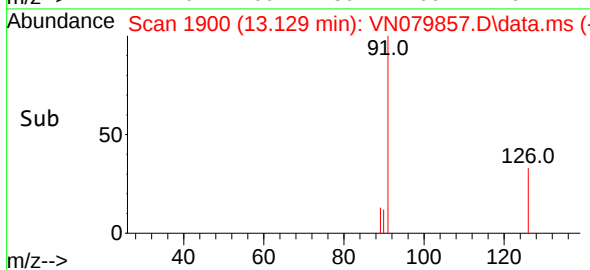
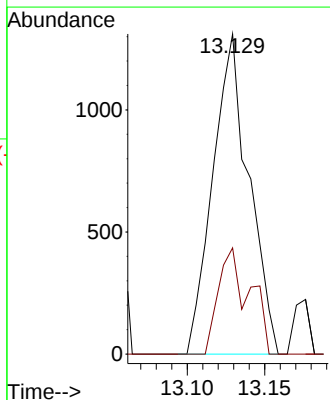
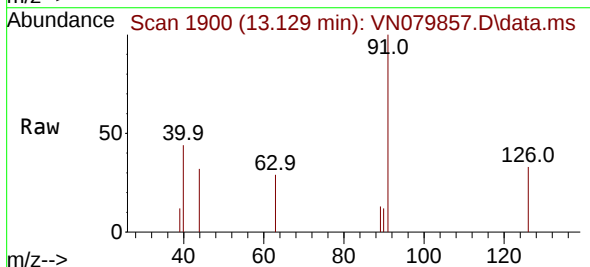
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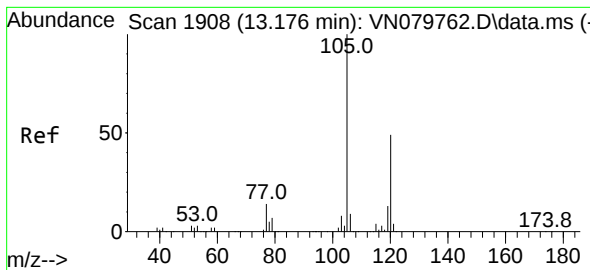
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#79
2-Chlorotoluene
Concen: 0.239 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion: 91 Resp: 2117
Ion Ratio Lower Upper
91 100
126 28.7 16.3 48.8





#80

1,3,5-Trimethylbenzene

Concen: 0.208 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN079857.D

Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023

Tgt Ion:105 Resp: 1962

Ion Ratio Lower Upper

105 100

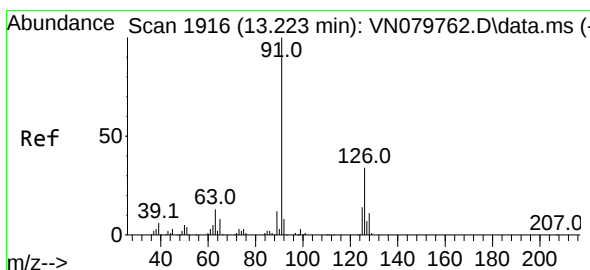
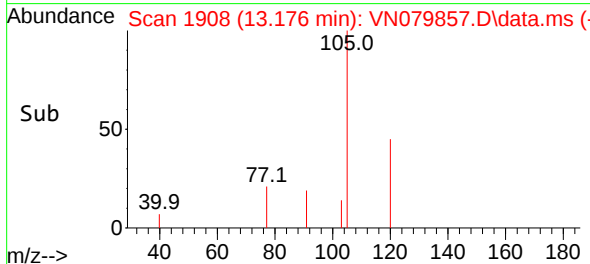
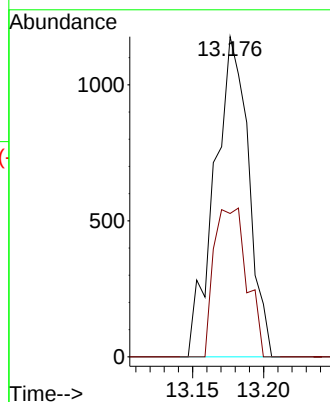
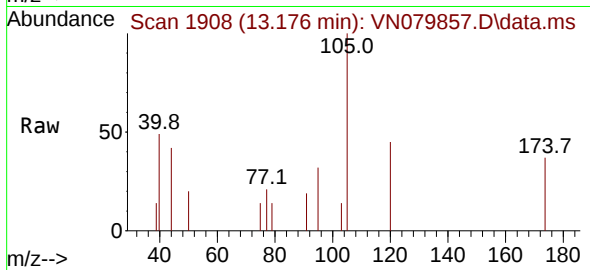
120 44.8 24.1 72.3

Manual Integrations

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Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023



#82

4-Chlorotoluene

Concen: 0.219 ug/l

RT: 13.223 min Scan# 1916

Delta R.T. 0.000 min

Lab File: VN079857.D

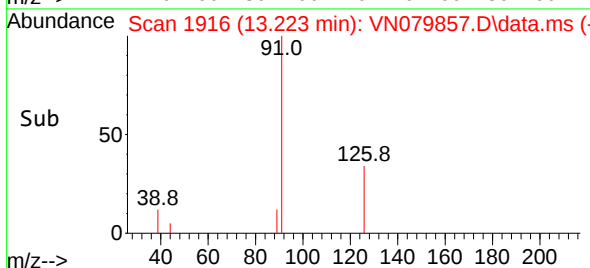
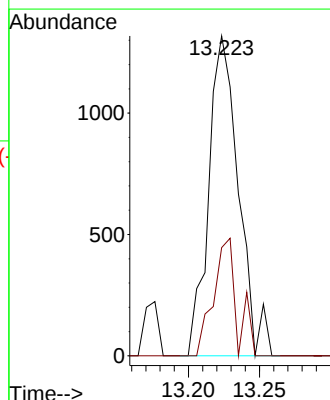
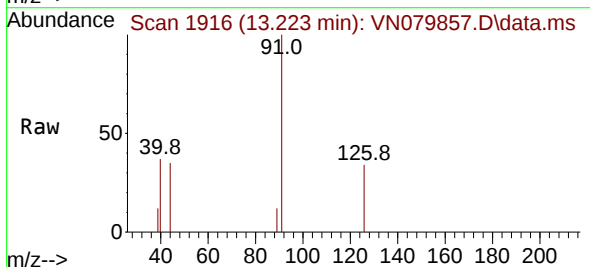
Acq: 03 Nov 2023 18:27

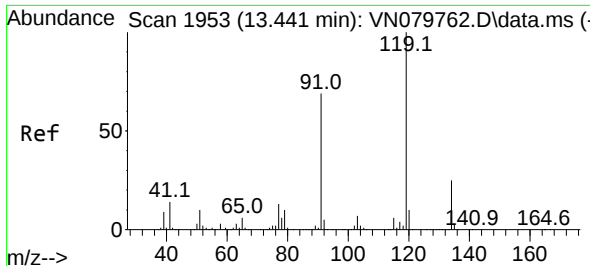
Tgt Ion: 91 Resp: 1928

Ion Ratio Lower Upper

91 100

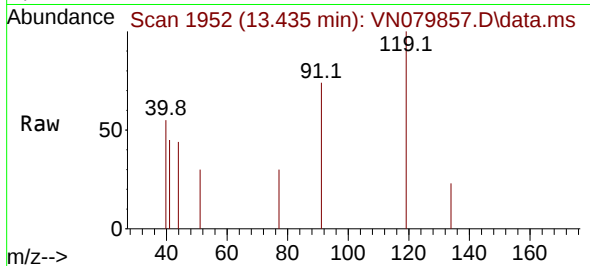
126 28.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 0.229 ug/l m
RT: 13.435 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

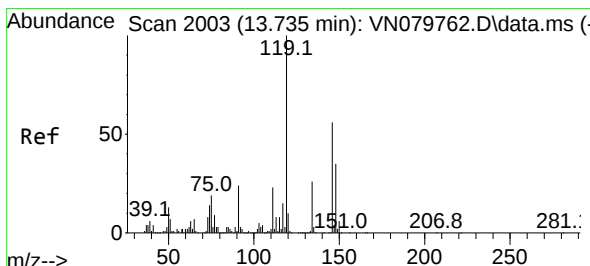
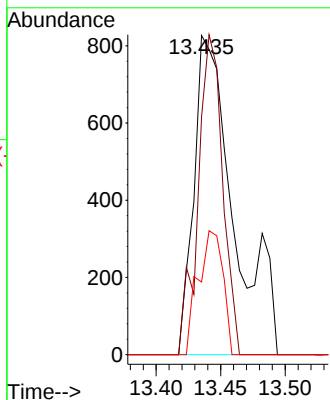
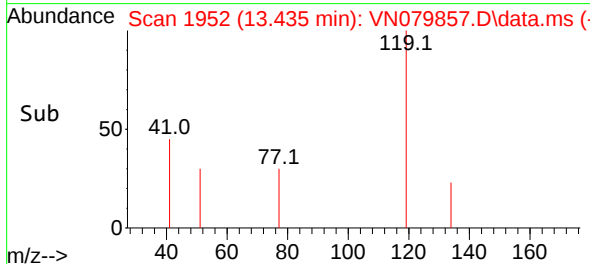
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



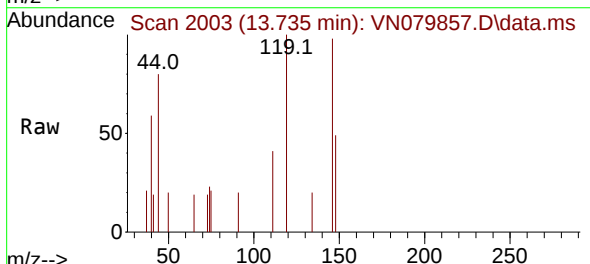
Tgt Ion:119 Resp: 176
Ion Ratio Lower Upper
119 100
91 62.4 33.9 101.7
134 24.3 13.2 39.6

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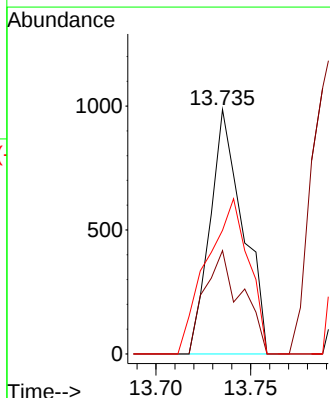
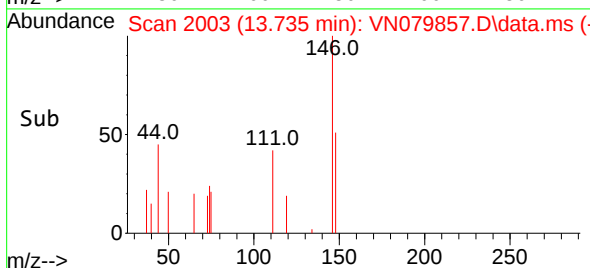
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023

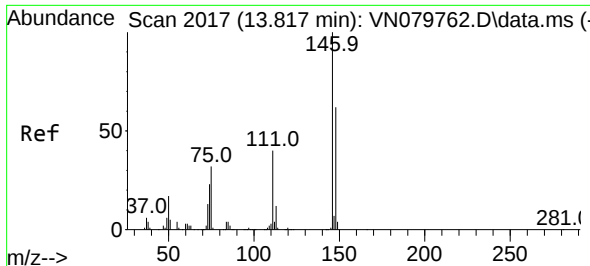


#87
1,3-Dichlorobenzene
Concen: 0.215 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27



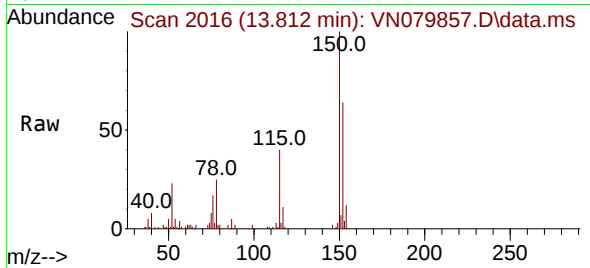
Tgt Ion:146 Resp: 1187
Ion Ratio Lower Upper
146 100
111 47.5 22.1 66.3
148 81.5 32.0 96.0





#88
1,4-Dichlorobenzene
Concen: 0.238 ug/l m
RT: 13.812 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

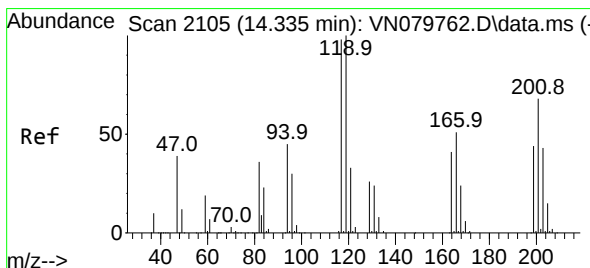
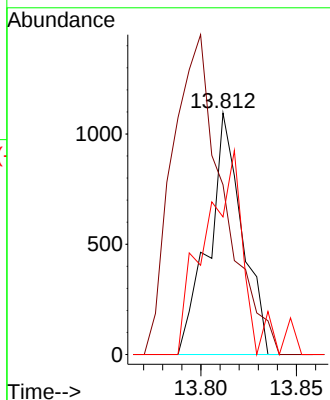
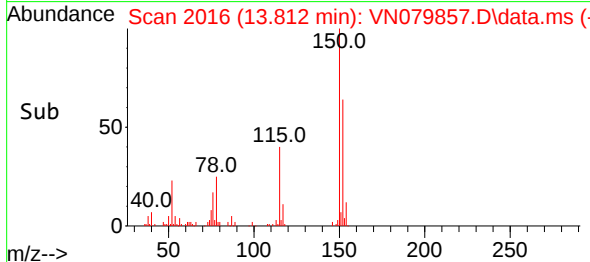
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT4-2023



Tgt Ion:146 Resp: 133
Ion Ratio Lower Upper
146 100
111 42.3 20.6 61.8
148 72.5 31.6 94.8

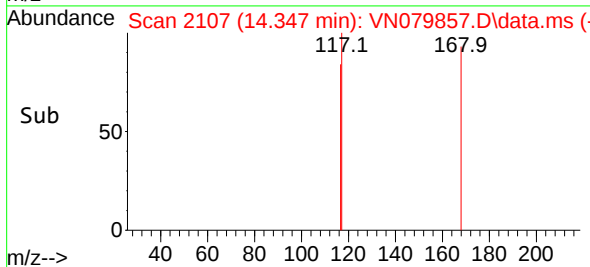
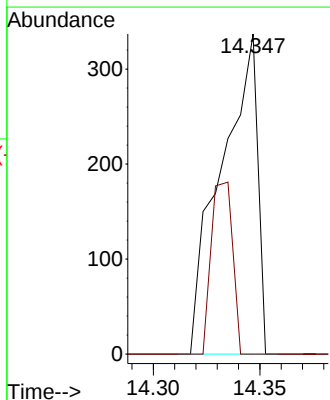
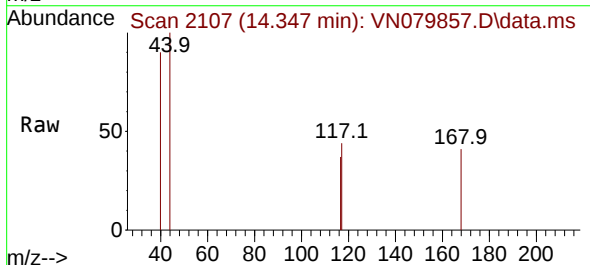
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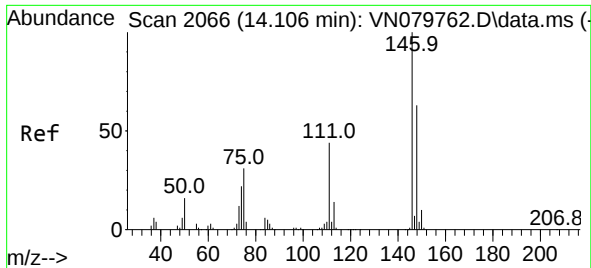
Reviewed By :John Carlone 11/04/2023
Supervised By :Mahesh Dadoda 11/06/2023



#90
Hexachloroethane
Concen: 0.233 ug/l
RT: 14.347 min Scan# 2107
Delta R.T. 0.012 min
Lab File: VN079857.D
Acq: 03 Nov 2023 18:27

Tgt Ion:117 Resp: 401
Ion Ratio Lower Upper
117 100
201 31.4 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 0.238 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN079857.D

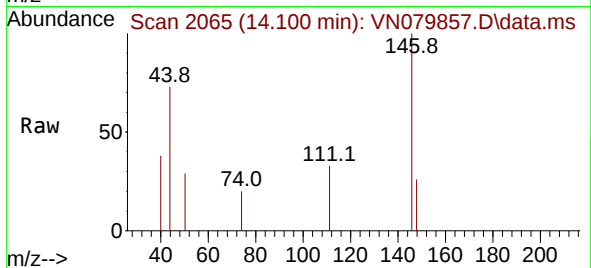
Acq: 03 Nov 2023 18:27

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2023



Tgt Ion:	146	Resp:	1240
Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.0	66.0
148	62.5	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/04/2023

Supervised By :Mahesh Dadoda 11/06/2023

