

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
 Data File : VN086798.D
 Acq On : 28 May 2025 14:36
 Operator : JC\MD
 Sample : Q2126-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Quant Time: May 29 04:00:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	197800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	361429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136123	49.803	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.600%		
35) Dibromofluoromethane	8.165	113	109542	50.891	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.780%		
50) Toluene-d8	10.565	98	446635	50.072	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.140%		
62) 4-Bromofluorobenzene	12.847	95	145979	46.349	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.700%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	471	0.220	ug/l #	43
3) Chloromethane	2.359	50	1489	0.461	ug/l	99
4) Vinyl Chloride	2.512	62	537	0.185	ug/l #	79
5) Bromomethane	2.965	94	935	0.559	ug/l #	77
6) Chloroethane	3.130	64	243	0.128	ug/l #	40
7) Trichlorofluoromethane	3.512	101	719	0.207	ug/l #	77
10) Methyl Iodide	4.606	142	836m	0.324	ug/l	
11) Tert butyl alcohol	5.536	59	71	0.143	ug/l #	73
12) 1,1-Dichloroethene	4.336	96	416	0.189	ug/l #	31
13) Acrolein	4.177	56	144	0.271	ug/l #	2
14) Allyl chloride	5.024	41	542	0.162	ug/l #	54
15) Acrylonitrile	5.730	53	1070m	0.868	ug/l	
16) Acetone	4.447	43	1314m	1.285	ug/l	
17) Carbon Disulfide	4.712	76	1975	0.323	ug/l #	75
18) Methyl Acetate	5.036	43	2671	0.933	ug/l #	55
19) Methyl tert-butyl Ether	5.789	73	1558	0.207	ug/l #	54
20) Methylene Chloride	5.283	84	623	0.231	ug/l #	61
21) trans-1,2-Dichloroethene	5.783	96	364	0.156	ug/l #	42
22) Diisopropyl ether	6.671	45	1731	0.230	ug/l #	59
23) Vinyl Acetate	6.606	43	3629	0.641	ug/l #	82
24) 1,1-Dichloroethane	6.565	63	925	0.209	ug/l #	82
25) 2-Butanone	7.488	43	1470	0.930	ug/l	99
26) 2,2-Dichloropropane	7.483	77	501	0.137	ug/l #	52
27) cis-1,2-Dichloroethene	7.483	96	612	0.214	ug/l #	10
29) Tetrahydrofuran	7.853	42	901	0.874	ug/l	95
30) Chloroform	7.959	83	960	0.217	ug/l	88
31) Cyclohexane	8.218	56	4486	1.094	ug/l #	1
32) 1,1,1-Trichloroethane	8.171	97	861	0.231	ug/l #	22
36) 1,1-Dichloropropene	8.371	75	626	0.197	ug/l #	50
37) Ethyl Acetate	7.553	43	681	0.212	ug/l #	67
38) Carbon Tetrachloride	8.365	117	591m	0.189	ug/l	
39) Methylcyclohexane	9.600	83	618	0.180	ug/l #	81
40) Benzene	8.600	78	2524	0.244	ug/l #	82
41) Methacrylonitrile	7.777	41	249	0.144	ug/l #	50
42) 1,2-Dichloroethane	8.665	62	1076	0.333	ug/l #	74
43) Isopropyl Acetate	8.694	43	1777	0.276	ug/l #	54

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052825\
 Data File : VN086798.D
 Acq On : 28 May 2025 14:36
 Operator : JC\MD
 Sample : Q2126-09 0.2PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025

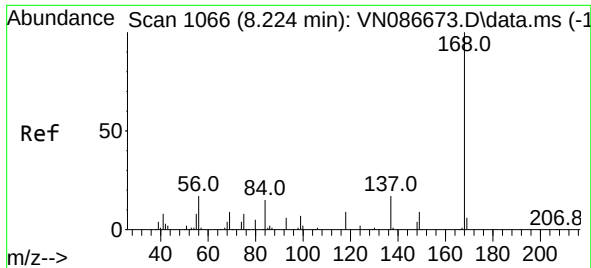
Quant Time: May 29 04:00:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/29/2025
 Supervised By : Mahesh Dadoda 05/29/2025

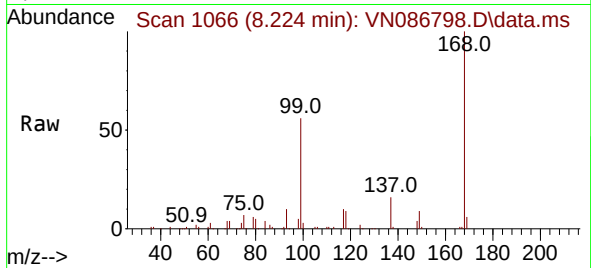
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	9.353	130	672	0.269	ug/l	48
45) 1,2-Dichloropropane	9.618	63	525	0.213	ug/l #	42
46) Dibromomethane	9.712	93	73	0.044	ug/l #	1
47) Bromodichloromethane	9.894	83	696	0.203	ug/l #	89
48) Methyl methacrylate	9.682	41	358	0.144	ug/l	90
51) 4-Methyl-2-Pentanone	10.447	43	3173	0.979	ug/l	91
52) Toluene	10.629	92	1426	0.222	ug/l	92
53) t-1,3-Dichloropropene	10.841	75	672	0.186	ug/l #	85
54) cis-1,3-Dichloropropene	10.312	75	727	0.184	ug/l #	37
55) 1,1,2-Trichloroethane	11.012	97	565	0.235	ug/l #	71
56) Ethyl methacrylate	10.865	69	675	0.175	ug/l #	77
57) 1,3-Dichloropropane	11.165	76	849	0.205	ug/l #	70
58) 2-Chloroethyl Vinyl ether	10.153	63	1037	0.602	ug/l	94
59) 2-Hexanone	11.194	43	2271	0.959	ug/l	81
60) Dibromochloromethane	11.359	129	440	0.175	ug/l	91
61) 1,2-Dibromoethane	11.465	107	388	0.161	ug/l	90
64) Tetrachloroethene	11.106	164	892	0.372	ug/l #	67
65) Chlorobenzene	11.888	112	1709	0.249	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	11.959	131	435	0.196	ug/l #	64
67) Ethyl Benzene	11.965	91	2951	0.251	ug/l	98
68) m/p-Xylenes	12.065	106	1966	0.441	ug/l	90
69) o-Xylene	12.400	106	965	0.218	ug/l	100
70) Styrene	12.412	104	1435	0.198	ug/l	93
71) Bromoform	12.570	173	372	0.236	ug/l #	30
73) Isopropylbenzene	12.694	105	2109	0.219	ug/l	94
74) N-amyl acetate	12.494	43	623	0.155	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.935	83	437	0.147	ug/l #	71
76) 1,2,3-Trichloropropane	12.994	75	617m	0.218	ug/l	
77) Bromobenzene	12.976	156	447	0.184	ug/l	68
78) n-propylbenzene	13.035	91	3101	0.280	ug/l	94
79) 2-Chlorotoluene	13.129	91	1874	0.260	ug/l	77
80) 1,3,5-Trimethylbenzene	13.165	105	1785	0.231	ug/l	85
81) trans-1,4-Dichloro-2-b...	12.735	75	65m	0.058	ug/l	
82) 4-Chlorotoluene	13.223	91	1715	0.240	ug/l	96
83) tert-Butylbenzene	13.435	119	1429	0.212	ug/l #	84
84) 1,2,4-Trimethylbenzene	13.482	105	1887	0.245	ug/l	90
85) sec-Butylbenzene	13.612	105	1821	0.201	ug/l	99
86) p-Isopropyltoluene	13.723	119	1465	0.198	ug/l #	85
87) 1,3-Dichlorobenzene	13.729	146	990	0.236	ug/l	92
88) 1,4-Dichlorobenzene	13.800	146	1185m	0.285	ug/l	
89) n-Butylbenzene	14.053	91	1509	0.246	ug/l	85
91) 1,2-Dichlorobenzene	14.106	146	1100	0.275	ug/l	78
93) 1,2,4-Trichlorobenzene	15.382	180	549	0.325	ug/l #	52
95) Naphthalene	15.641	128	2700	0.461	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.835	180	161	0.097	ug/l #	73

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

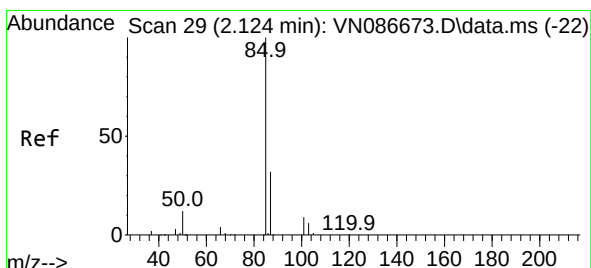
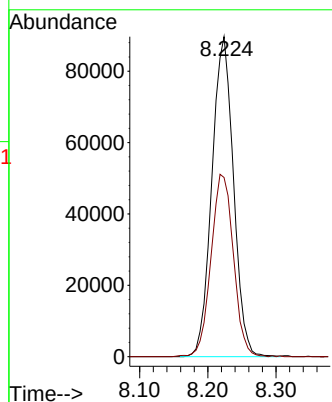
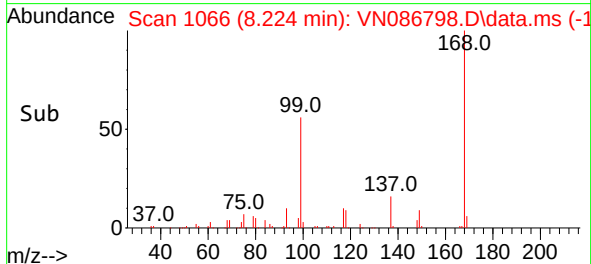
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion:168 Resp: 197800
Ion Ratio Lower Upper
168 100
99 55.8 47.0 70.4

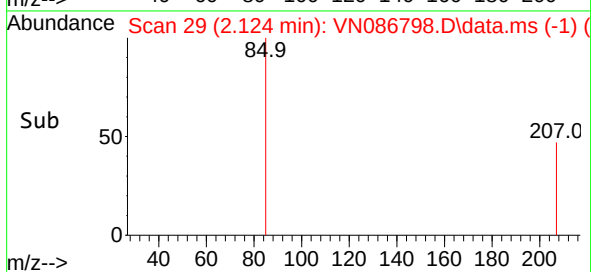
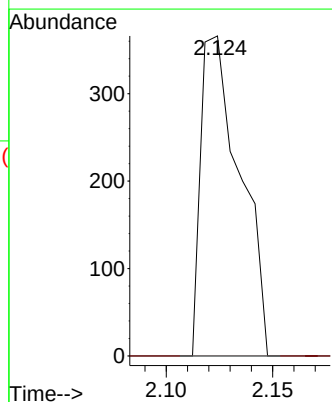
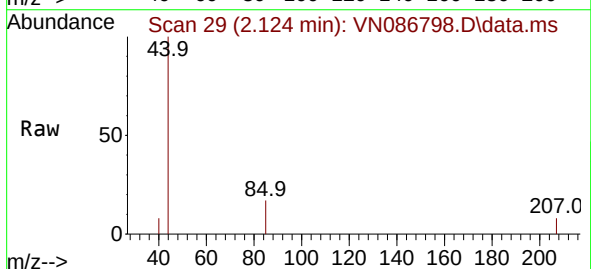
Manual Integrations
APPROVED

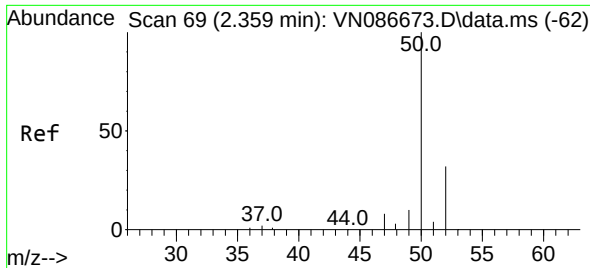
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#2
Dichlorodifluoromethane
Concen: 0.220 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Tgt Ion: 85 Resp: 471
Ion Ratio Lower Upper
85 100
87 0.0 15.9 47.6#





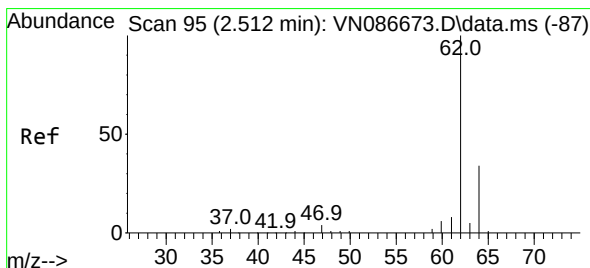
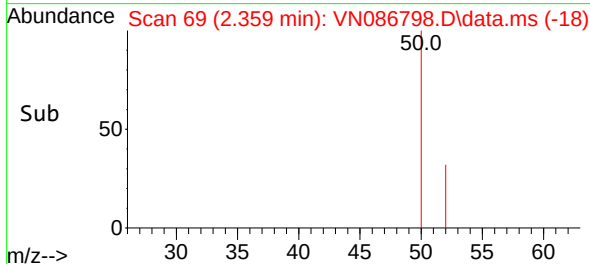
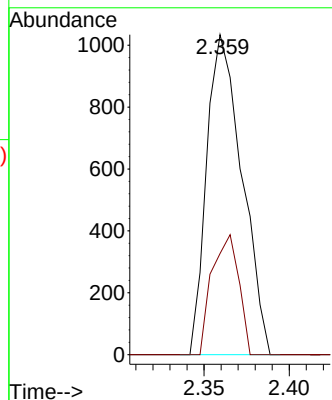
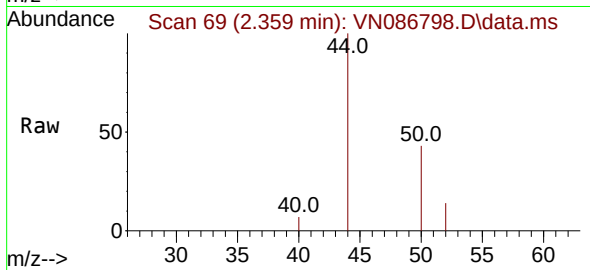
#3
Chloromethane
Concen: 0.461 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 50 Resp: 1489
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9

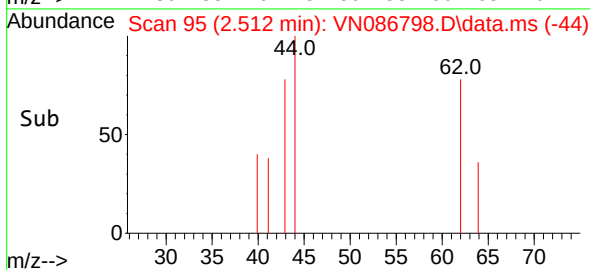
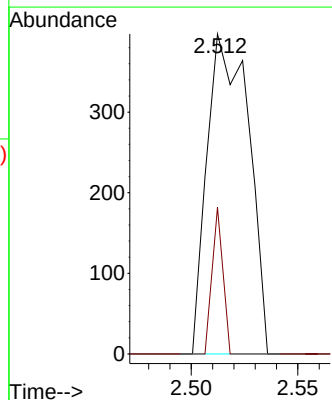
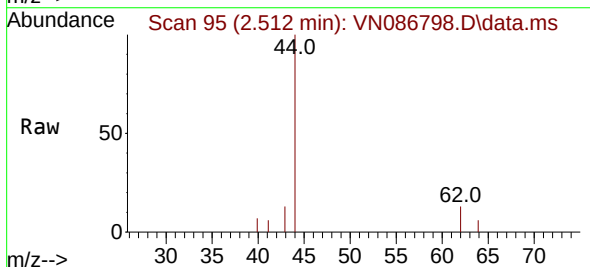
Manual Integrations
APPROVED

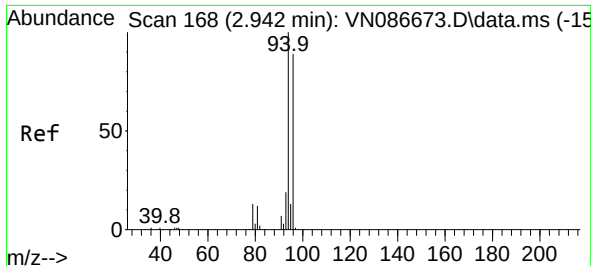
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#4
Vinyl Chloride
Concen: 0.185 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

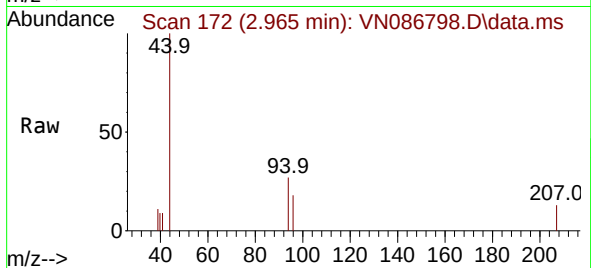
Tgt Ion: 62 Resp: 537
Ion Ratio Lower Upper
62 100
64 45.8 26.9 40.3#





#5
Bromomethane
Concen: 0.559 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

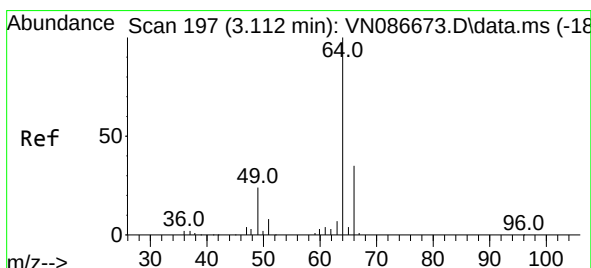
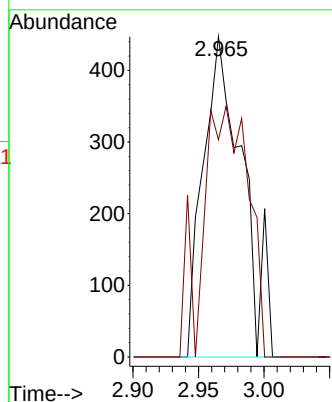
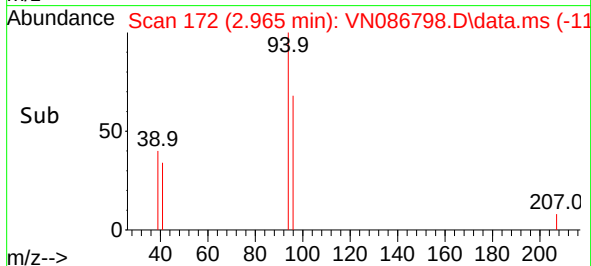
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



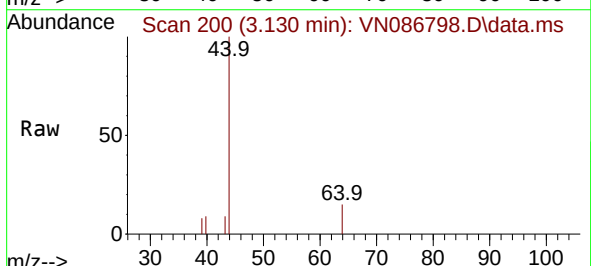
Tgt Ion: 94 Resp: 93
Ion Ratio Lower Upper
94 100
96 67.8 71.2 106.8

Manual Integrations
APPROVED

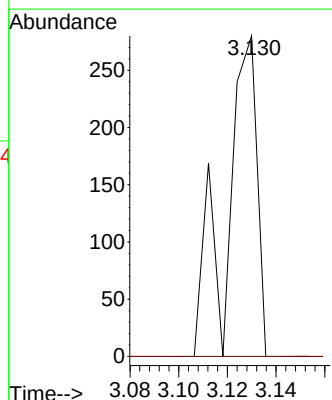
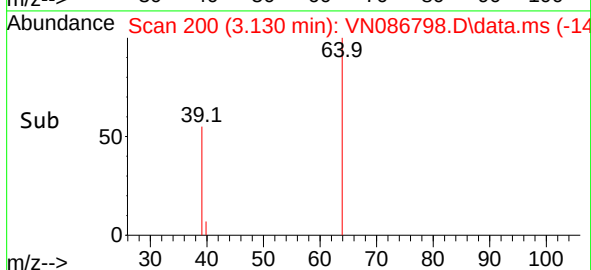
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

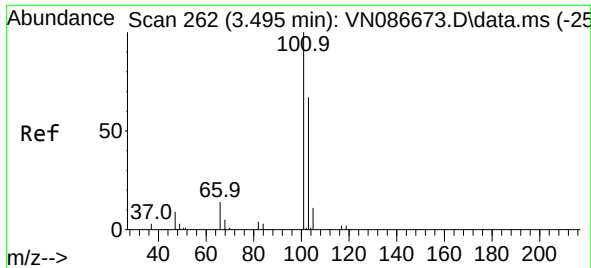


#6
Chloroethane
Concen: 0.128 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.018 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36



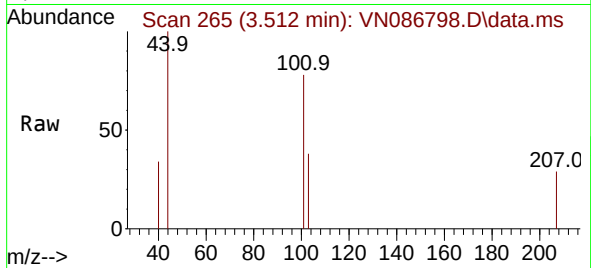
Tgt Ion: 64 Resp: 243
Ion Ratio Lower Upper
64 100
66 0.0 27.7 41.5





#7
Trichlorofluoromethane
Concen: 0.207 ug/l
RT: 3.512 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

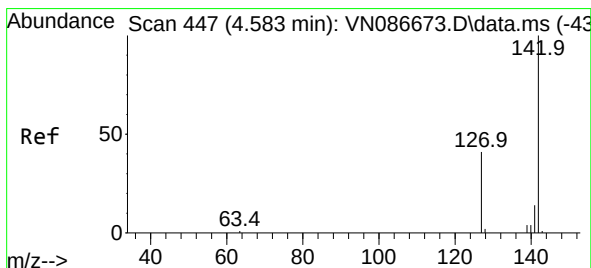
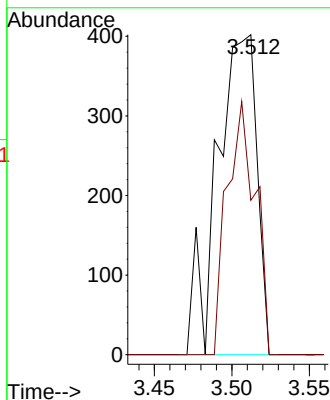
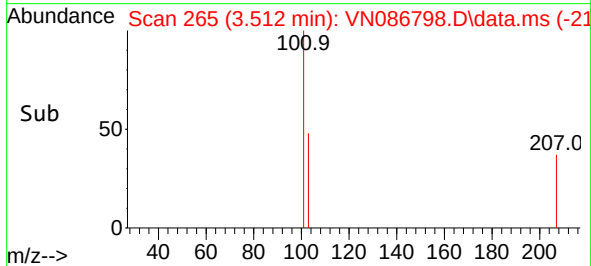
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



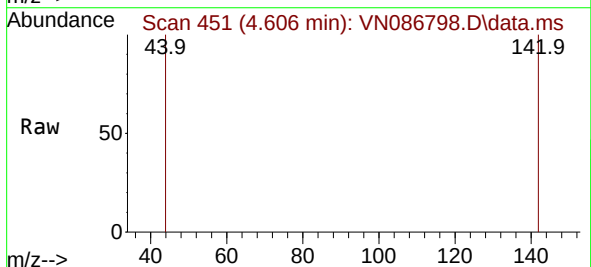
Tgt Ion:101 Resp: 719
Ion Ratio Lower Upper
101 100
103 48.3 53.4 80.0#

Manual Integrations
APPROVED

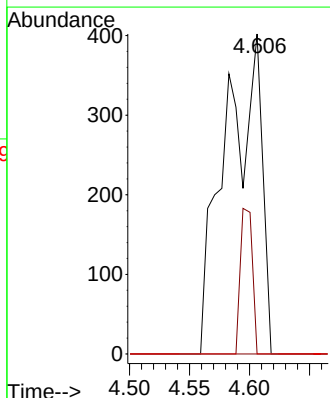
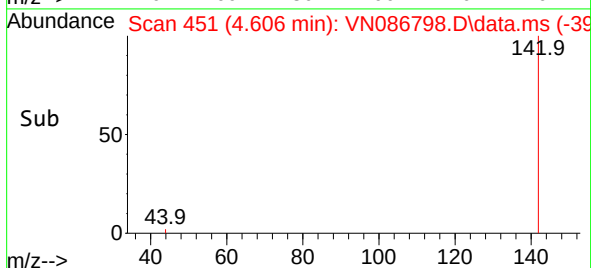
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

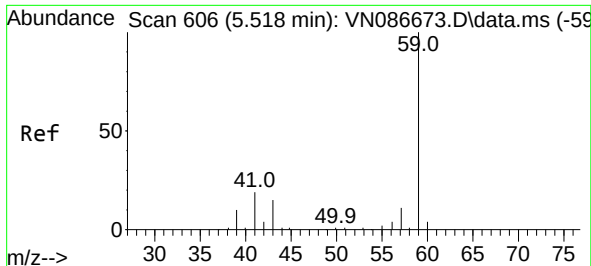


#10
Methyl Iodide
Concen: 0.324 ug/l m
RT: 4.606 min Scan# 451
Delta R.T. 0.023 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36



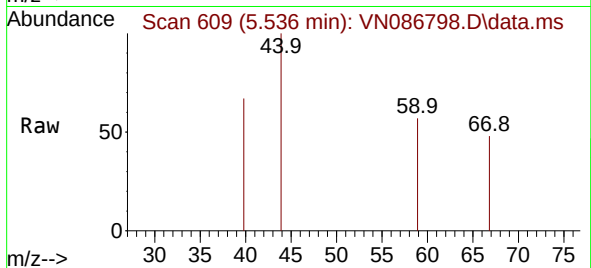
Tgt Ion:142 Resp: 836
Ion Ratio Lower Upper
142 100
127 0.0 32.4 48.6#
141 0.0 11.4 17.2#





#11
Tert butyl alcohol
Concen: 0.143 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.018 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

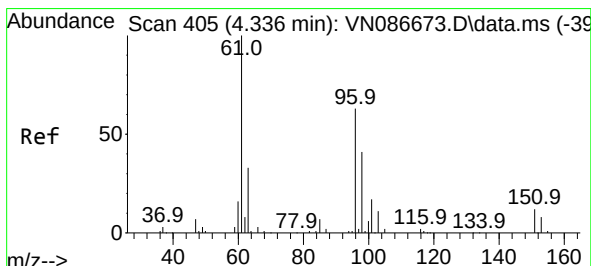
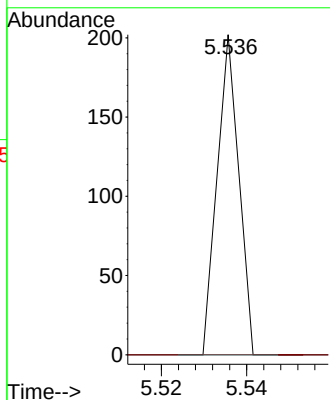
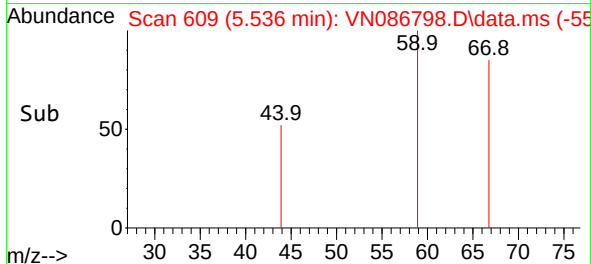
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



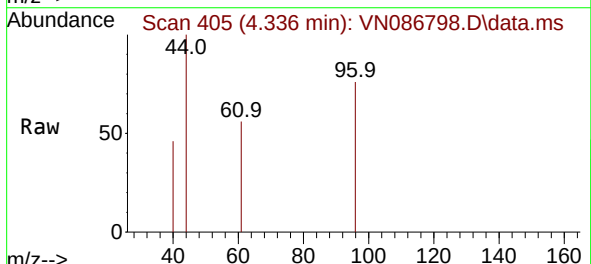
Tgt Ion: 59 Resp: 72
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

Manual Integrations
APPROVED

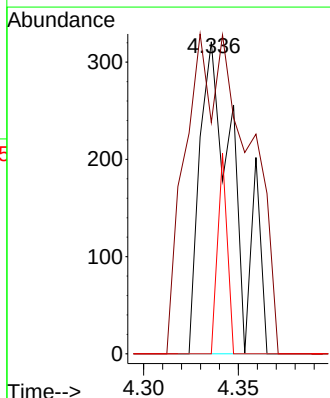
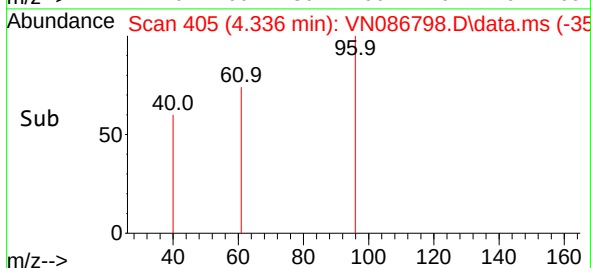
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

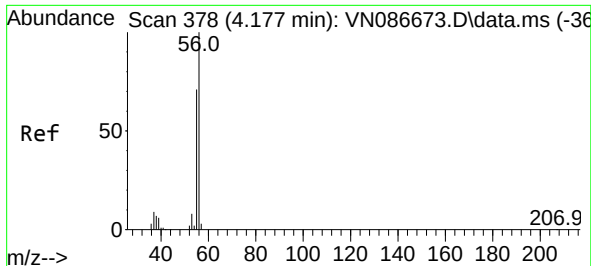


#12
1,1-Dichloroethene
Concen: 0.189 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36



Tgt Ion: 96 Resp: 416
Ion Ratio Lower Upper
96 100
61 74.1 126.2 189.2#
98 0.0 51.5 77.3#





#13

Acrolein

Concen: 0.271 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086798.D

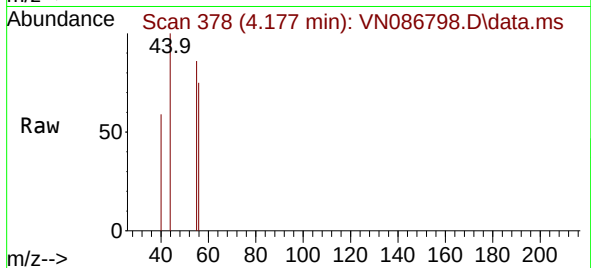
Acq: 28 May 2025 14:36

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025



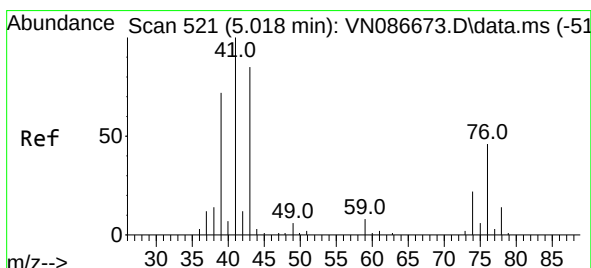
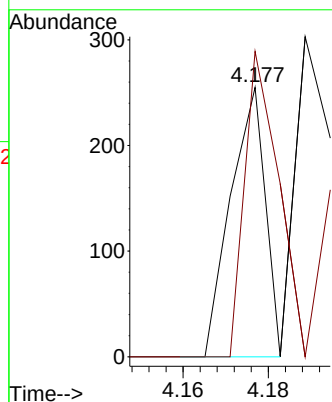
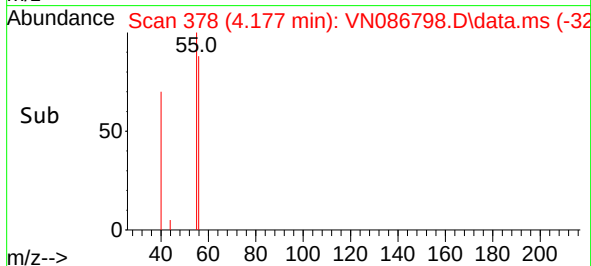
Tgt Ion:	56	Resp:	144
Ion Ratio	Lower	Upper	
56	100		
55	150.0	55.7	83.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#14

Allyl chloride

Concen: 0.162 ug/l

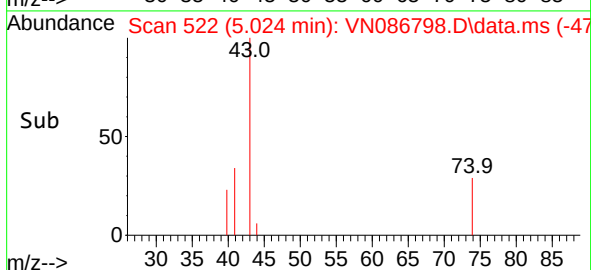
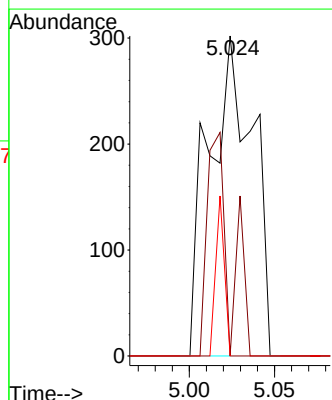
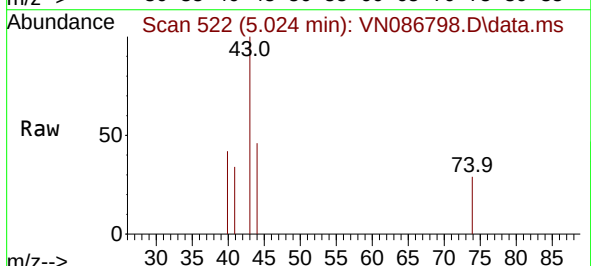
RT: 5.024 min Scan# 522

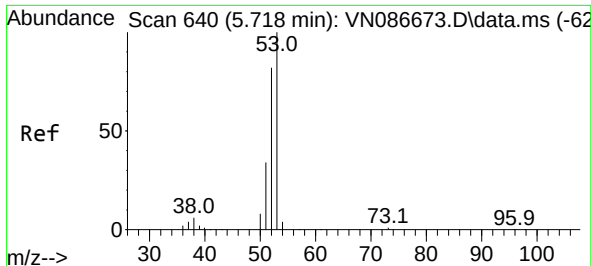
Delta R.T. 0.006 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

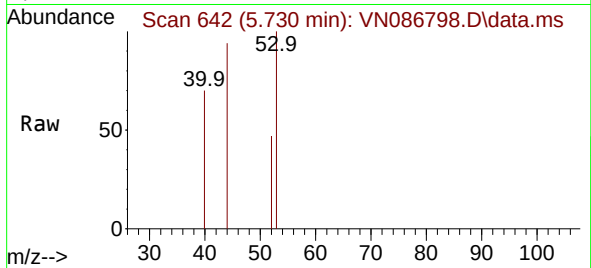
Tgt Ion:	41	Resp:	542
Ion Ratio	Lower	Upper	
41	100		
39	36.2	57.4	86.0#
76	9.8	33.2	49.8#





#15
Acrylonitrile
Concen: 0.868 ug/l m
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

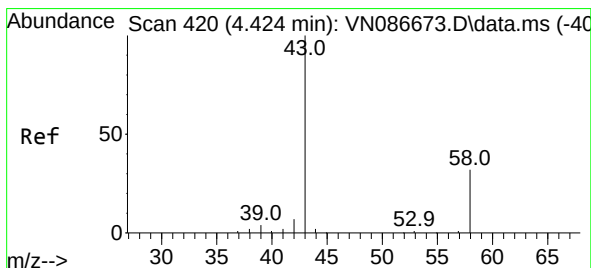
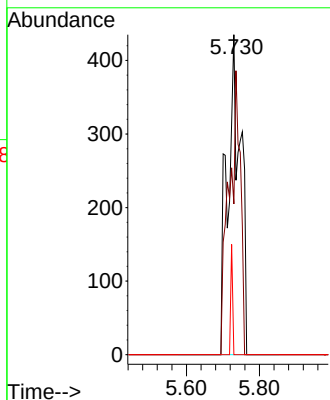
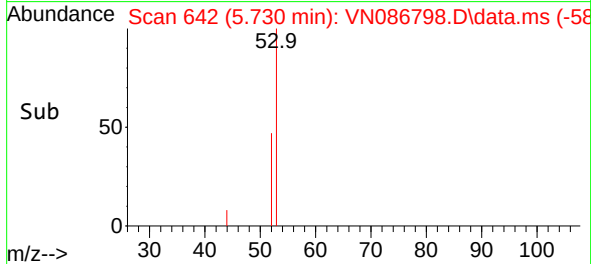
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



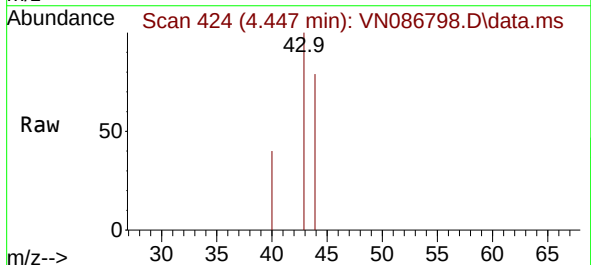
Tgt Ion: 53 Resp: 1070
Ion Ratio Lower Upper
53 100
52 77.9 65.4 98.2
51 5.0 27.9 41.9

Manual Integrations
APPROVED

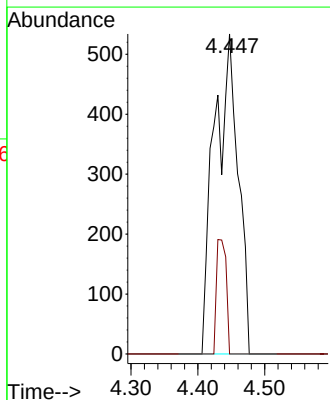
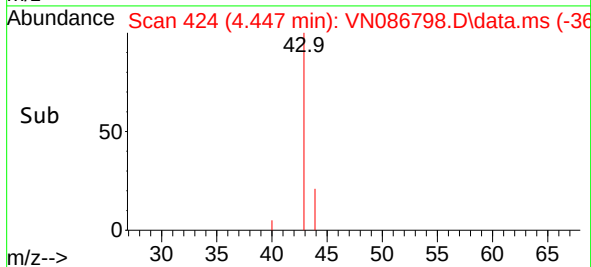
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

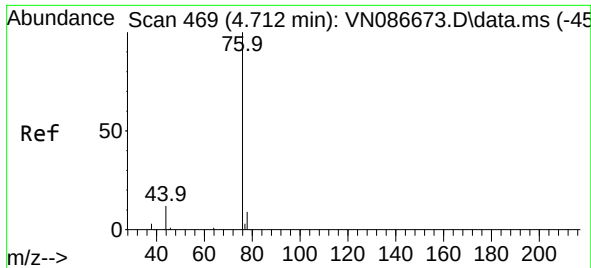


#16
Acetone
Concen: 1.285 ug/l m
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36



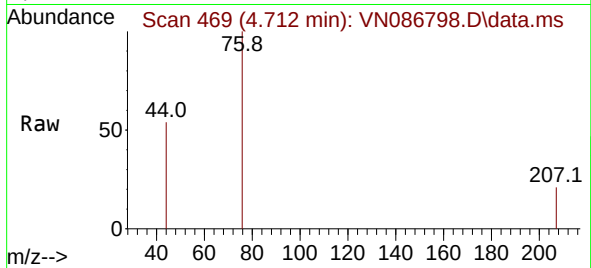
Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6





#17
Carbon Disulfide
Concen: 0.323 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

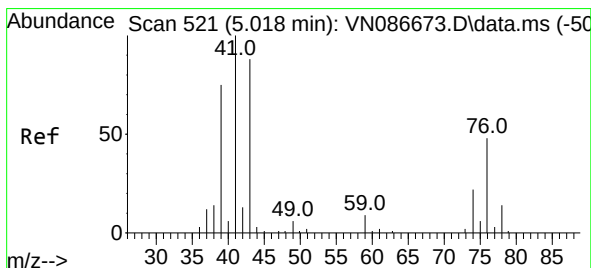
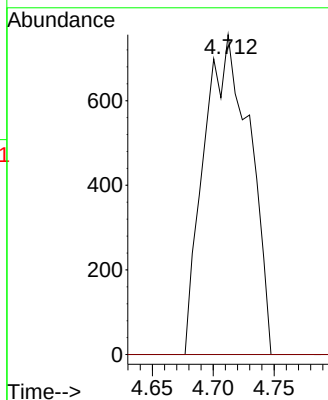
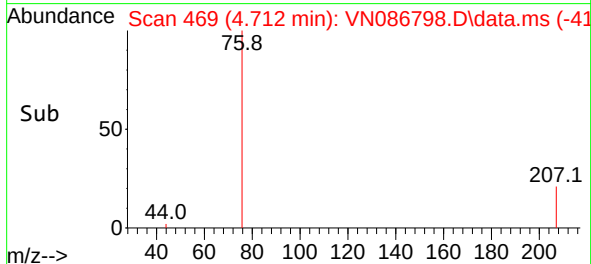
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



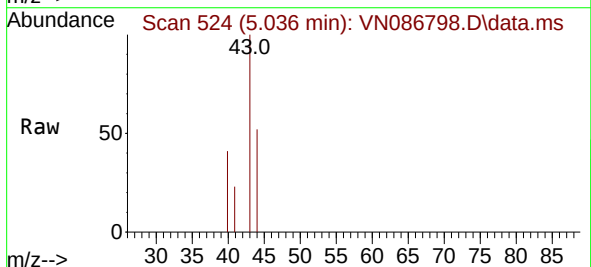
Tgt Ion: 76 Resp: 1975
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9

Manual Integrations
APPROVED

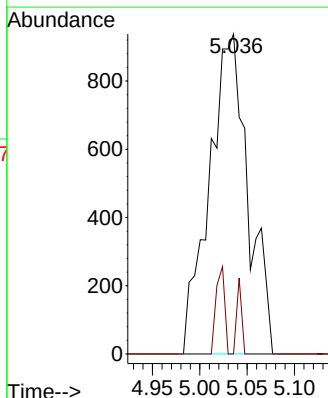
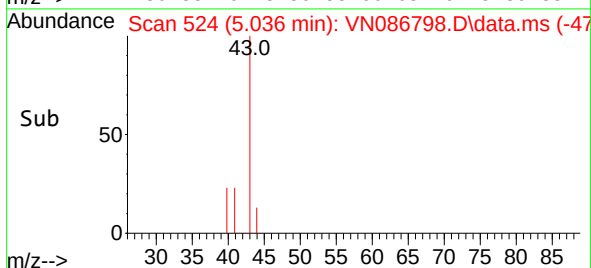
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

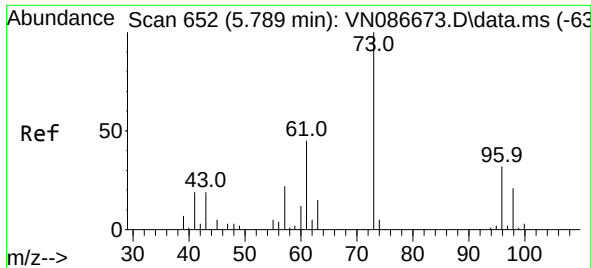


#18
Methyl Acetate
Concen: 0.933 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36



Tgt Ion: 43 Resp: 2671
Ion Ratio Lower Upper
43 100
74 3.0 20.5 30.7





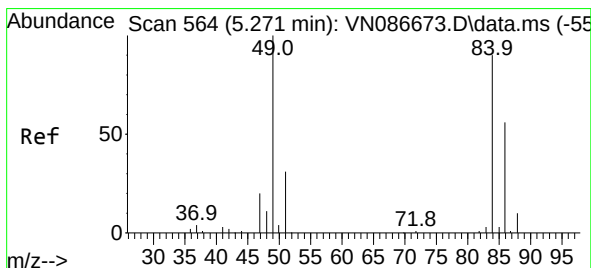
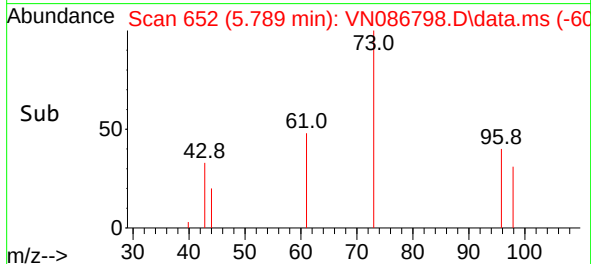
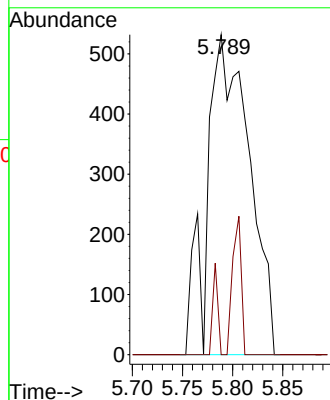
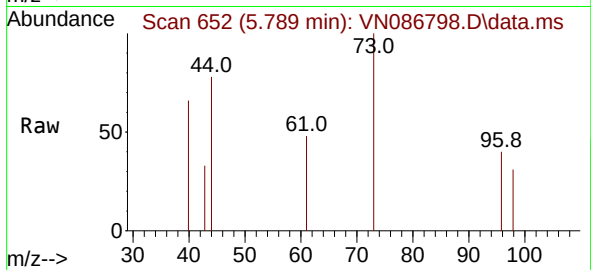
#19
Methyl tert-butyl Ether
Concen: 0.207 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 73 Resp: 1558
Ion Ratio Lower Upper
73 100
57 0.0 17.7 26.5

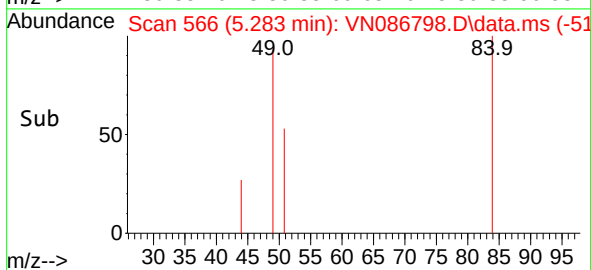
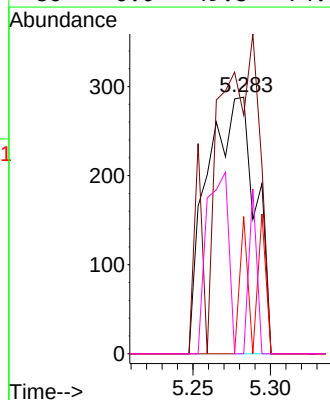
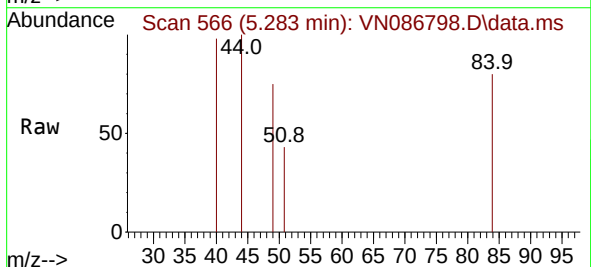
Manual Integrations
APPROVED

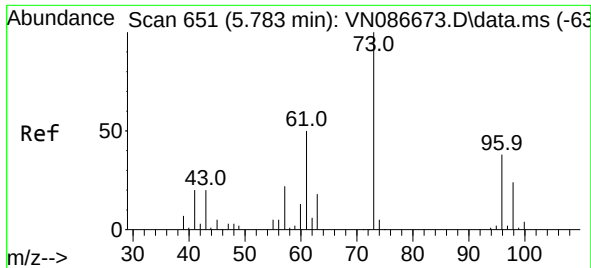
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 0.231 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Tgt Ion: 84 Resp: 623
Ion Ratio Lower Upper
84 100
49 93.1 88.8 133.2
51 53.5 27.8 41.6#
86 0.0 49.8 74.6#





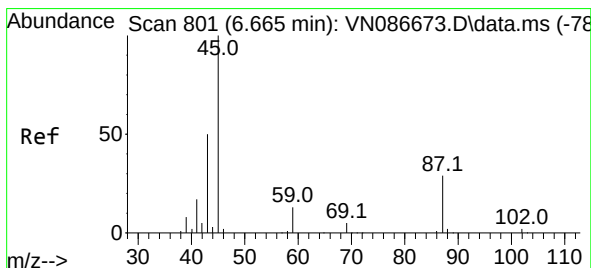
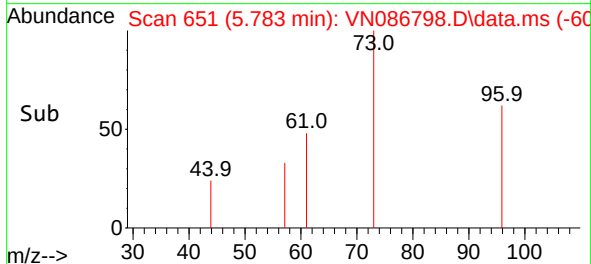
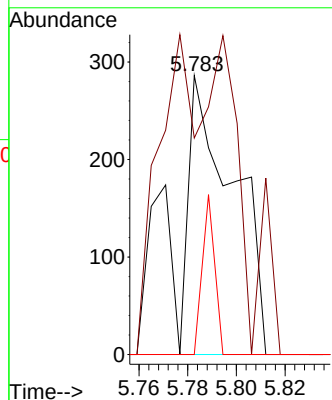
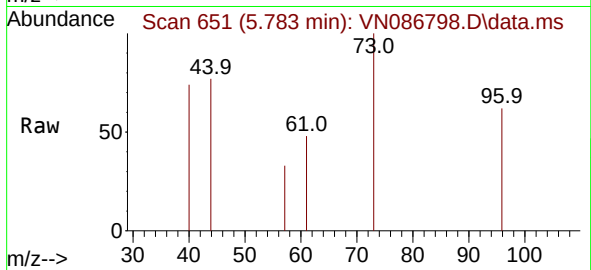
#21
trans-1,2-Dichloroethene
Concen: 0.156 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion: 96 Resp: 364
Ion Ratio Lower Upper
96 100
61 77.6 105.7 158.5#
98 0.0 51.0 76.6#

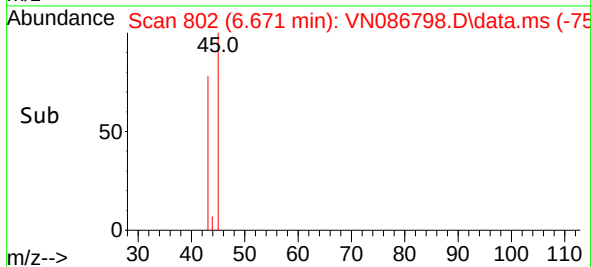
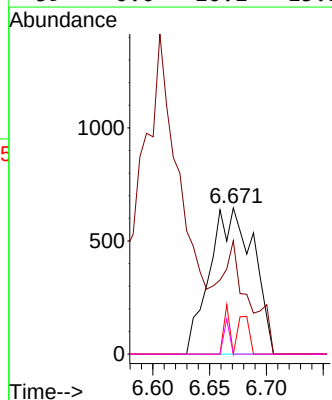
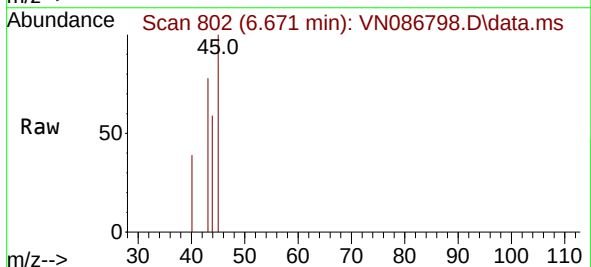
Manual Integrations
APPROVED

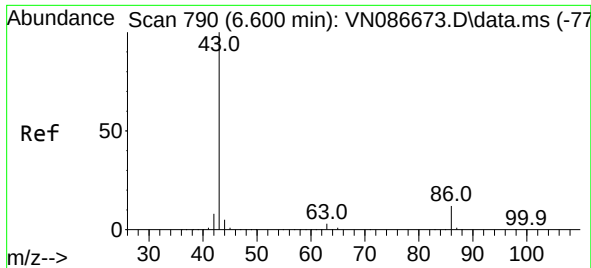
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#22
Diisopropyl ether
Concen: 0.230 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Tgt Ion: 45 Resp: 1731
Ion Ratio Lower Upper
45 100
43 77.6 41.4 62.2#
87 0.0 22.9 34.3#
59 0.0 10.1 15.1#





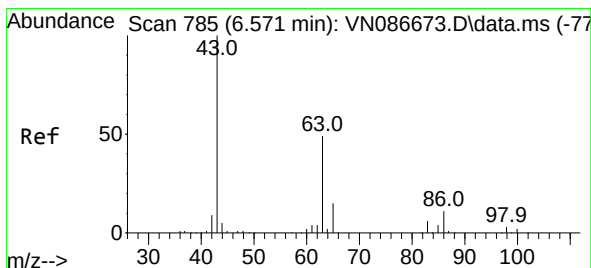
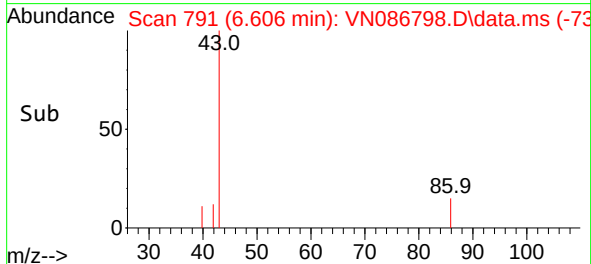
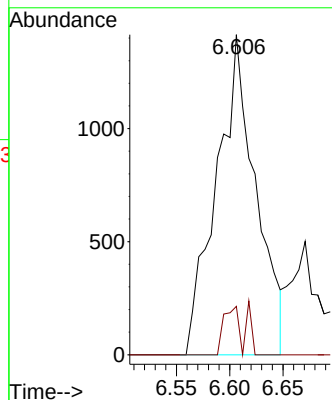
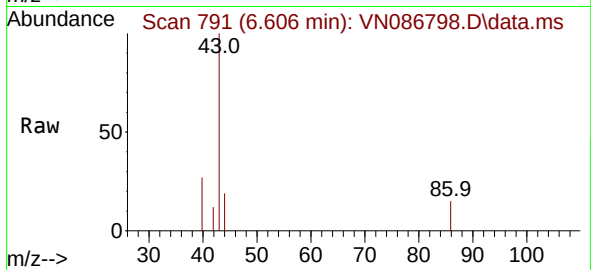
#23
 Vinyl Acetate
 Concen: 0.641 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN086798.D
 Acq: 28 May 2025 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Tgt Ion: 43 Resp: 3629
 Ion Ratio Lower Upper
 43 100
 86 19.0 9.5 14.3

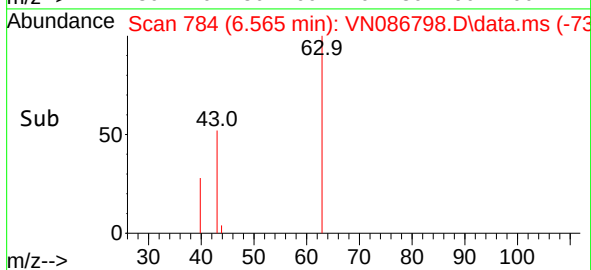
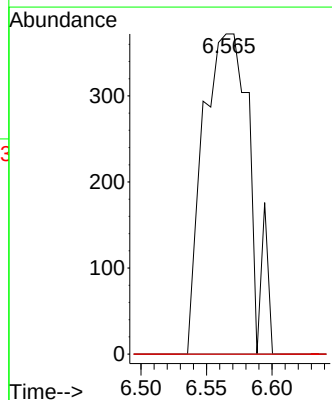
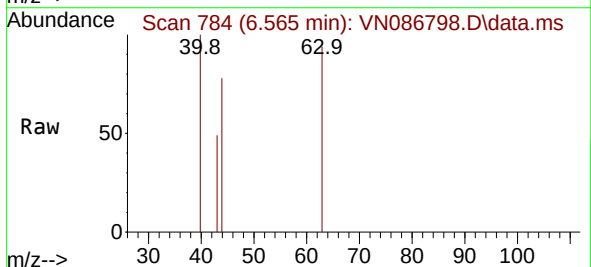
Manual Integrations
 APPROVED

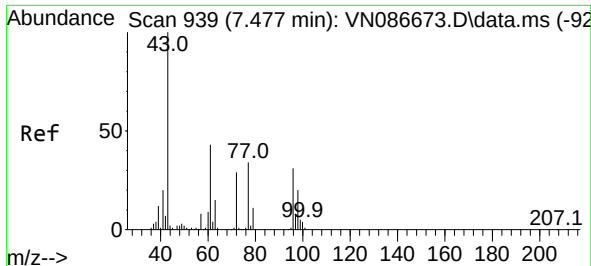
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#24
 1,1-Dichloroethane
 Concen: 0.209 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086798.D
 Acq: 28 May 2025 14:36

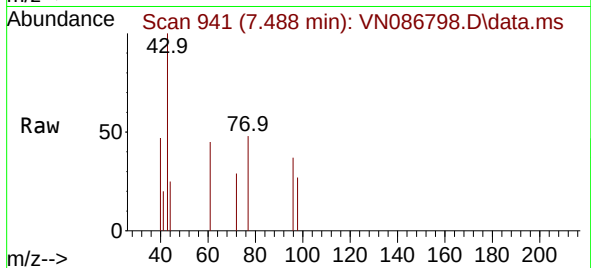
Tgt Ion: 63 Resp: 925
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.4 7.1#





#25
2-Butanone
Concen: 0.930 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

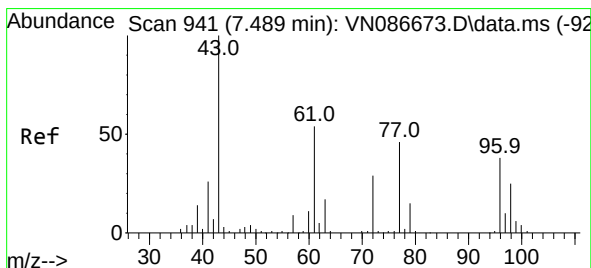
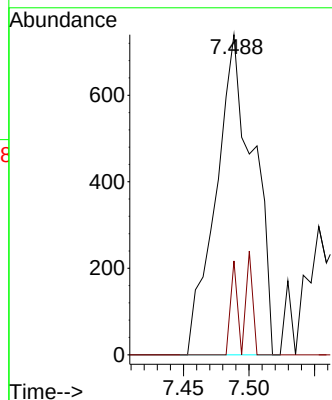
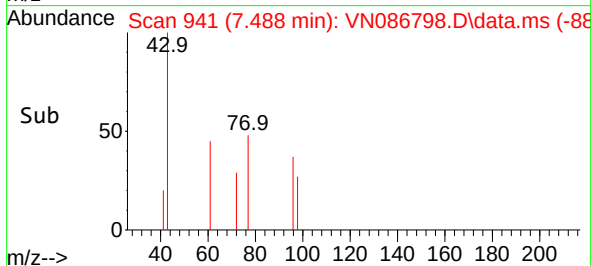
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
72 29.3 23.1 34.7

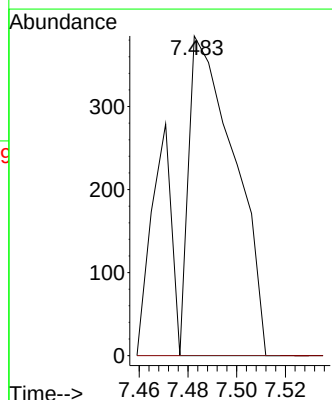
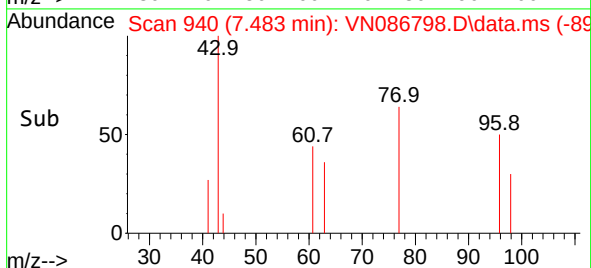
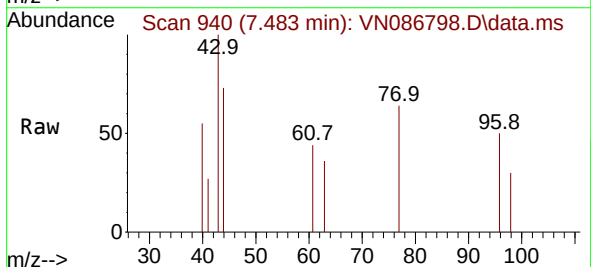
Manual Integrations
APPROVED

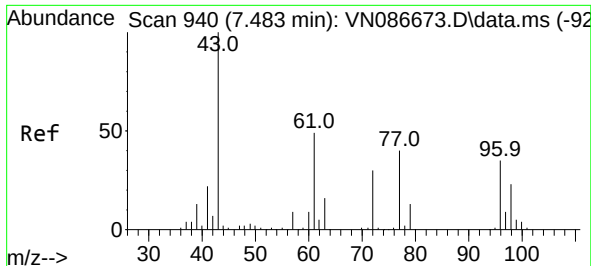
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#26
2,2-Dichloropropane
Concen: 0.137 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

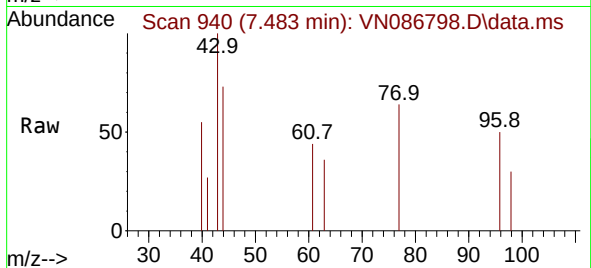
Tgt Ion: 77 Resp: 501
Ion Ratio Lower Upper
77 100
97 0.0 11.6 34.7#





#27
 cis-1,2-Dichloroethene
 Concen: 0.214 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086798.D
 Acq: 28 May 2025 14:36

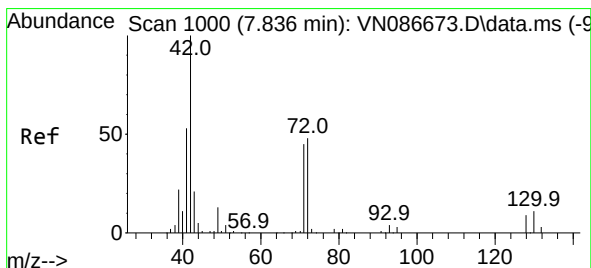
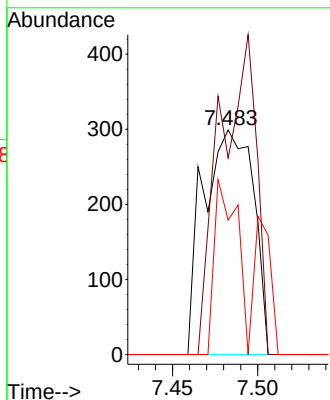
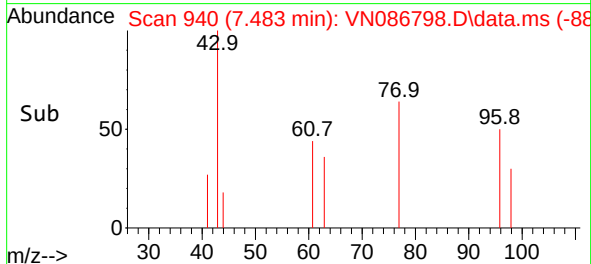
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025



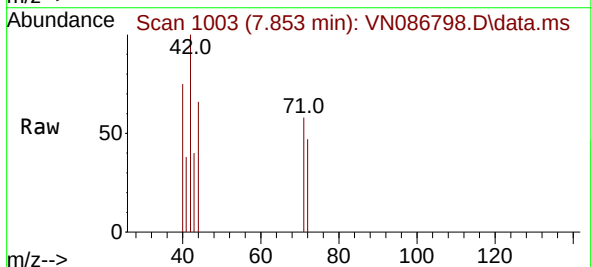
Tgt Ion: 96 Resp: 612
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 277.4
 98 35.3 0.0 129.6

Manual Integrations
 APPROVED

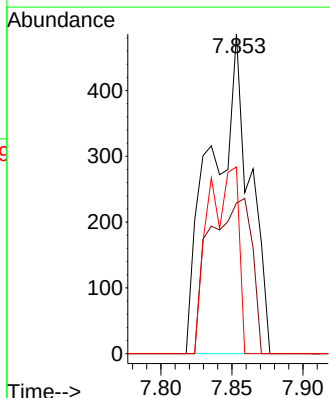
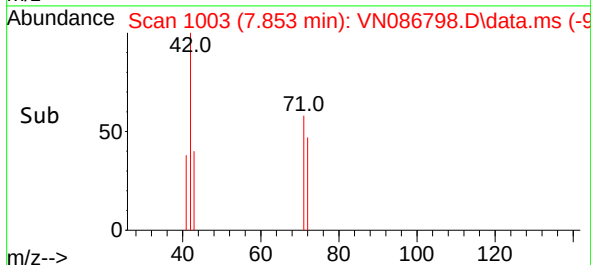
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

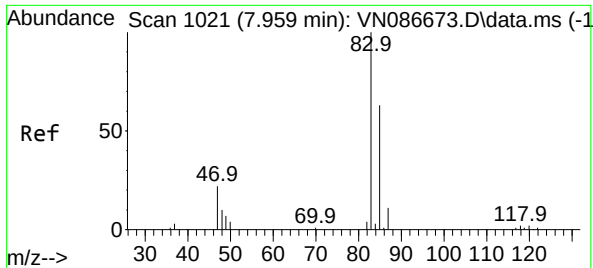


#29
 Tetrahydrofuran
 Concen: 0.874 ug/l
 RT: 7.853 min Scan# 1003
 Delta R.T. 0.018 min
 Lab File: VN086798.D
 Acq: 28 May 2025 14:36



Tgt Ion: 42 Resp: 901
 Ion Ratio Lower Upper
 42 100
 72 54.2 38.7 58.1
 71 46.5 36.2 54.4





#30

Chloroform

Concen: 0.217 ug/l

RT: 7.959 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

Instrument :

MSVOA_N

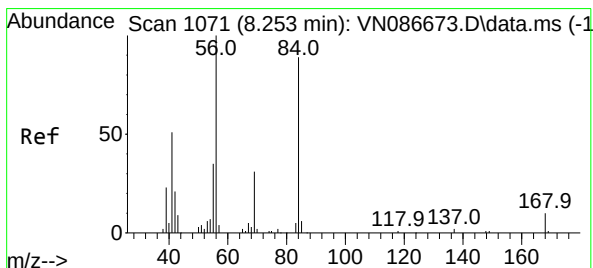
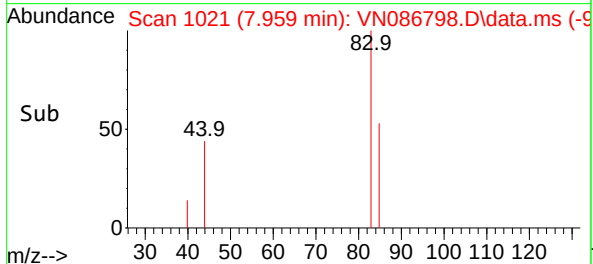
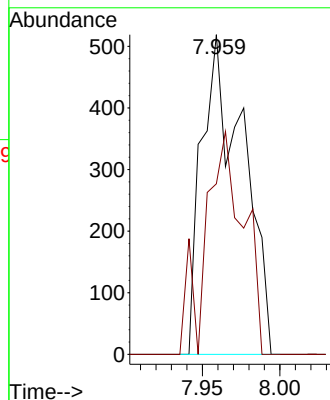
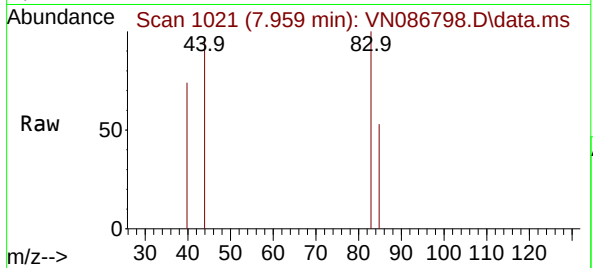
ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 83 Resp: 960
 Ion Ratio Lower Upper
 83 100
 85 53.4 50.2 75.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#31

Cyclohexane

Concen: 1.094 ug/l

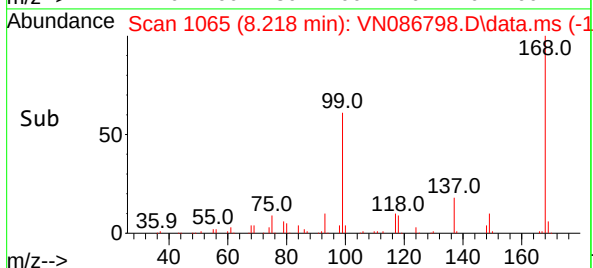
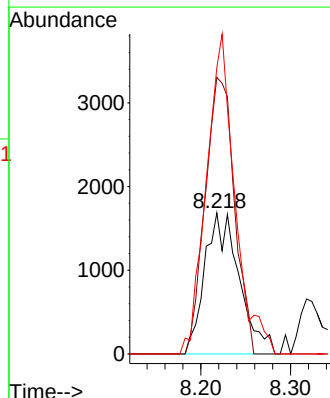
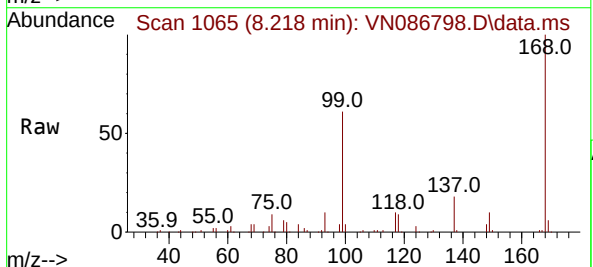
RT: 8.218 min Scan# 1065

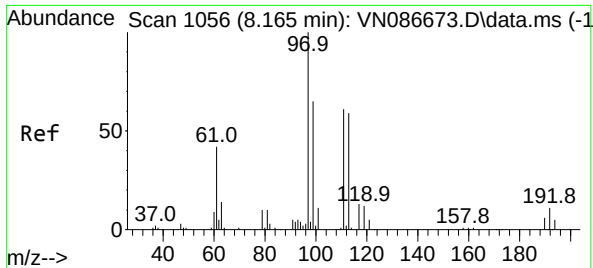
Delta R.T. -0.035 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

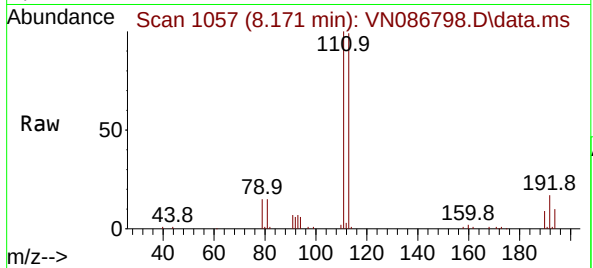
Tgt Ion: 56 Resp: 4486
 Ion Ratio Lower Upper
 56 100
 69 196.1 25.0 37.6#
 84 203.0 71.0 106.4#





#32
1,1,1-Trichloroethane
Concen: 0.231 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

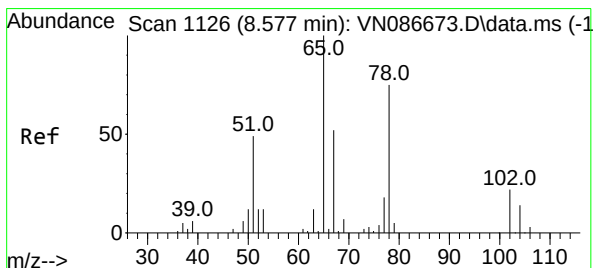
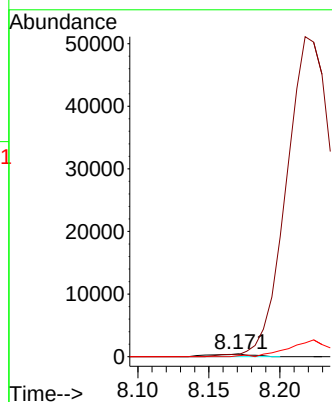
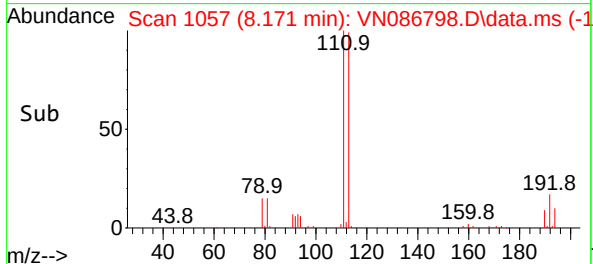
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion: 97 Resp: 86
Ion Ratio Lower Upper
97 100
99 0.0 52.6 79.0
61 0.0 37.7 56.5

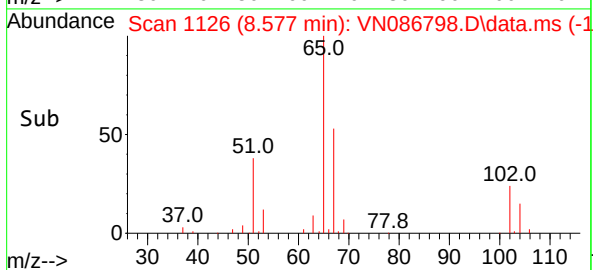
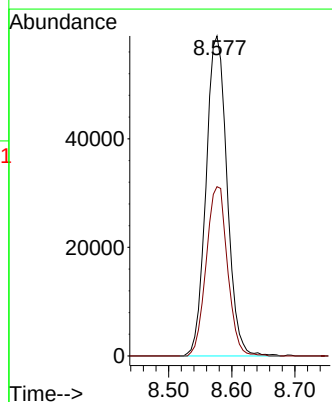
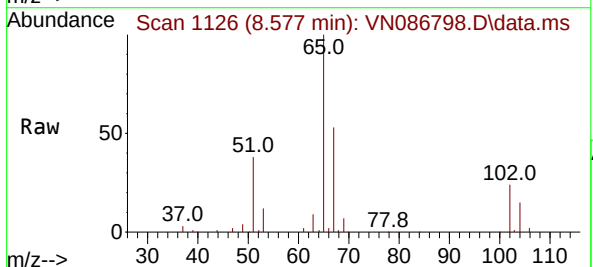
Manual Integrations
APPROVED

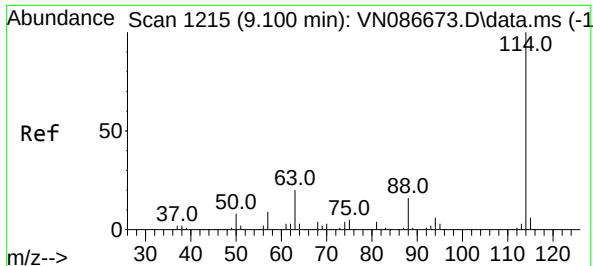
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#33
1,2-Dichloroethane-d4
Concen: 49.803 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Tgt Ion: 65 Resp: 136123
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

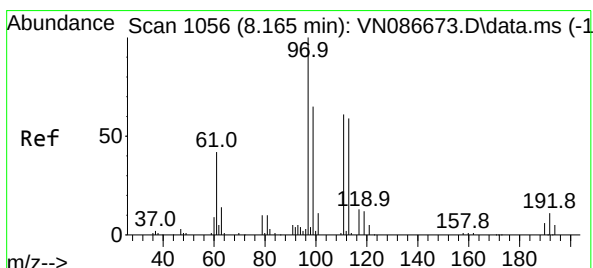
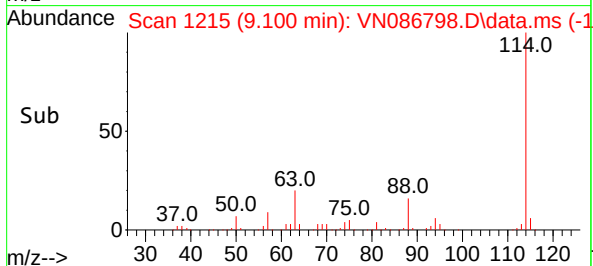
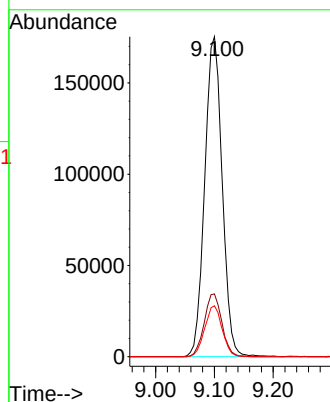
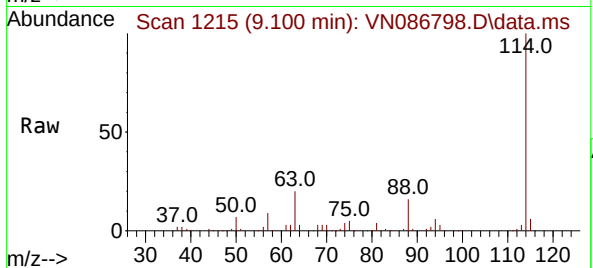
Tgt Ion:114 Resp: 361429
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.2
 88 15.9 0.0 31.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#35

Dibromofluoromethane

Concen: 50.891 ug/l

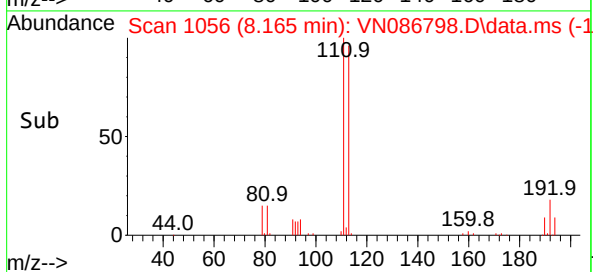
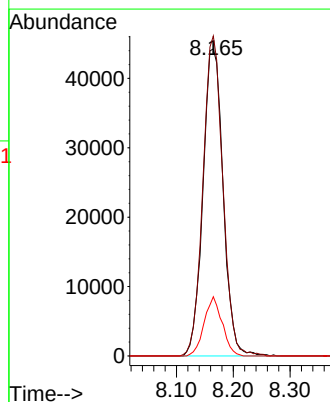
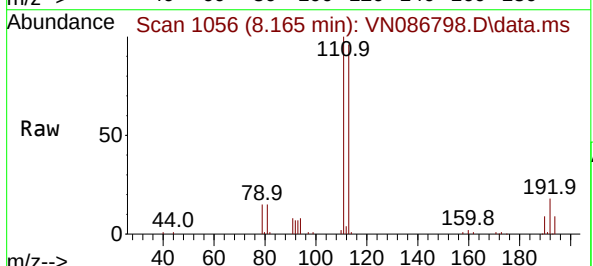
RT: 8.165 min Scan# 1056

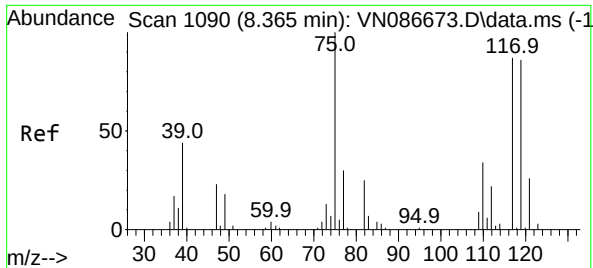
Delta R.T. -0.000 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

Tgt Ion:113 Resp: 109542
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 17.2 13.8 20.8





#36

1,1-Dichloropropene

Concen: 0.197 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 75 Resp: 620

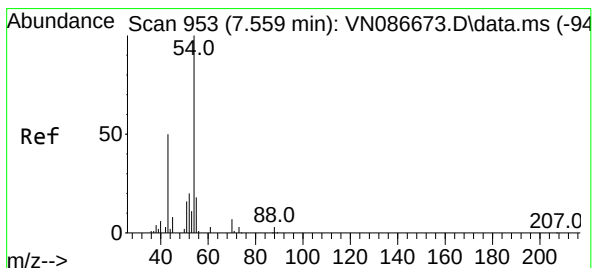
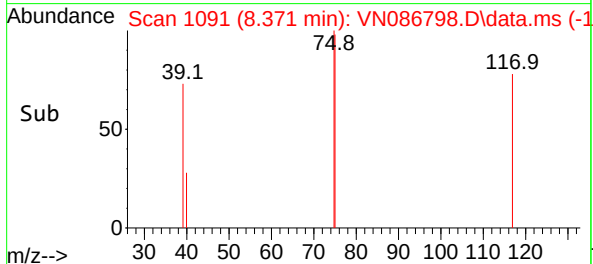
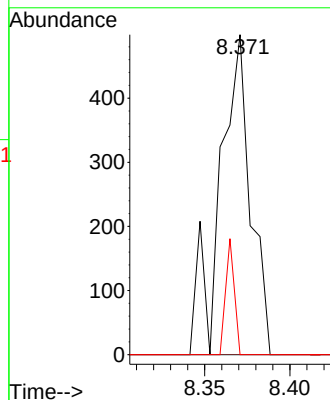
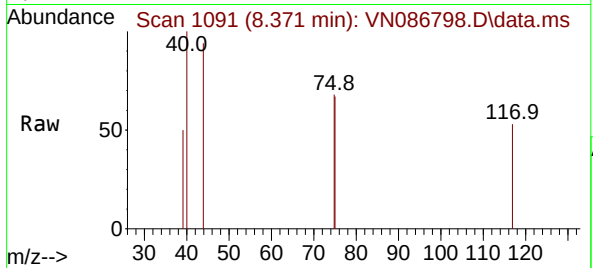
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.5	52.5
77	10.2	25.1	37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#37

Ethyl Acetate

Concen: 0.212 ug/l

RT: 7.553 min Scan# 952

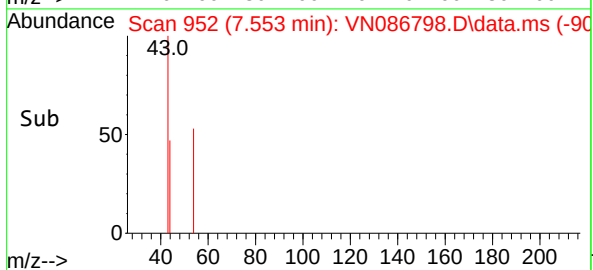
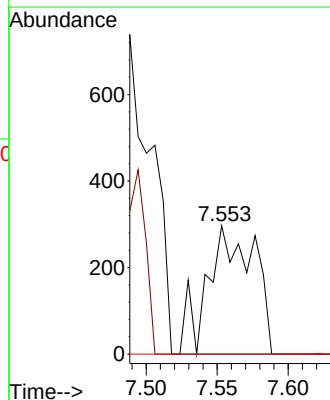
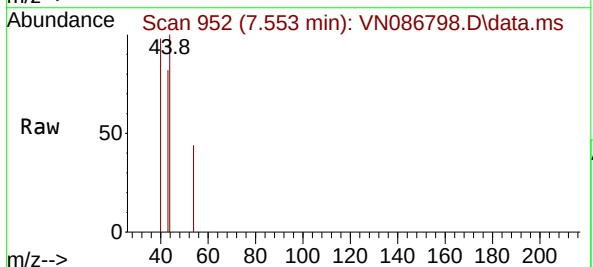
Delta R.T. -0.006 min

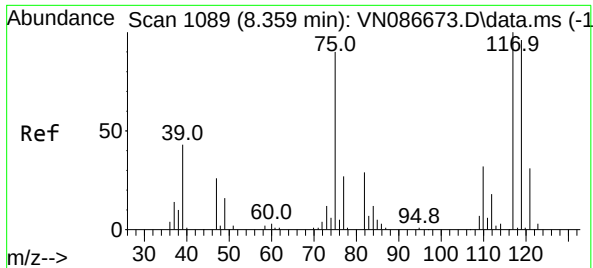
Lab File: VN086798.D

Acq: 28 May 2025 14:36

Tgt Ion: 43 Resp: 681

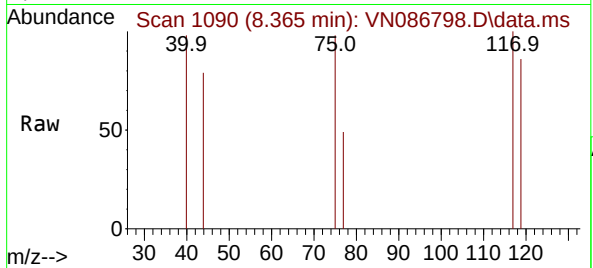
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4
70	0.0	9.4	14.0





#38
Carbon Tetrachloride
Concen: 0.189 ug/l m
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

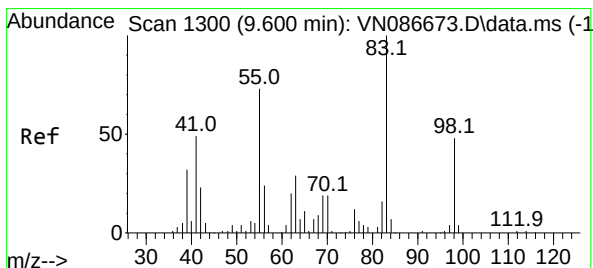
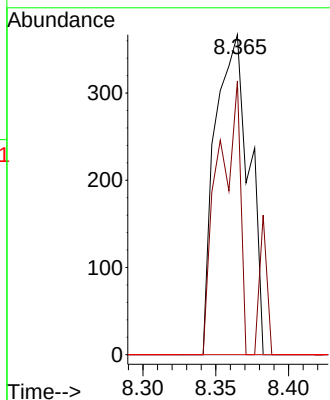
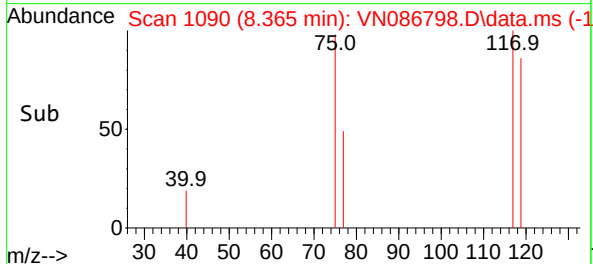
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 117 Resp: 59
Ion Ratio Lower Upper
117 100
119 85.6 77.0 115.6
121 0.0 25.0 37.6

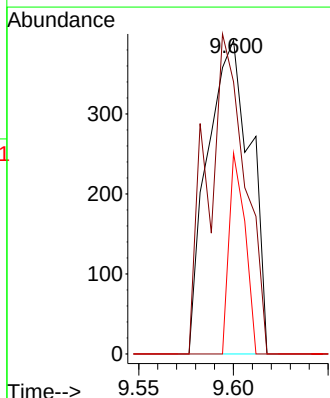
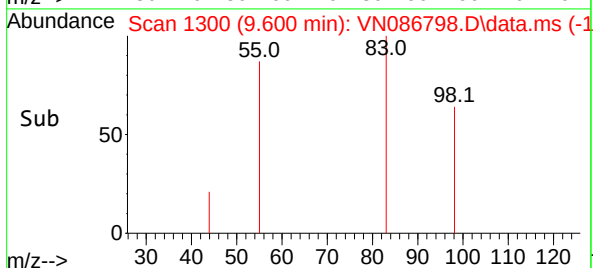
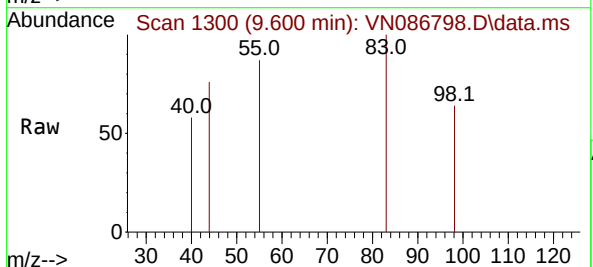
Manual Integrations
APPROVED

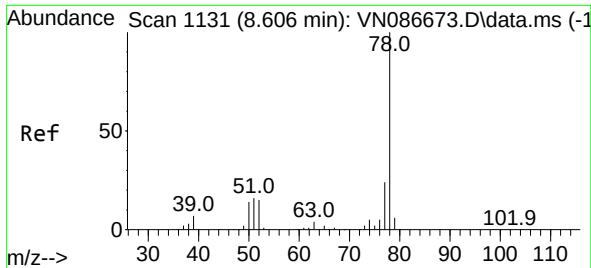
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#39
Methylcyclohexane
Concen: 0.180 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Tgt Ion: 83 Resp: 618
Ion Ratio Lower Upper
83 100
55 86.7 58.2 87.4
98 64.0 38.4 57.6





#40

Benzene

Concen: 0.244 ug/l

RT: 8.600 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

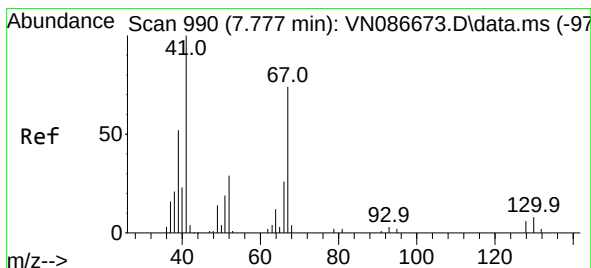
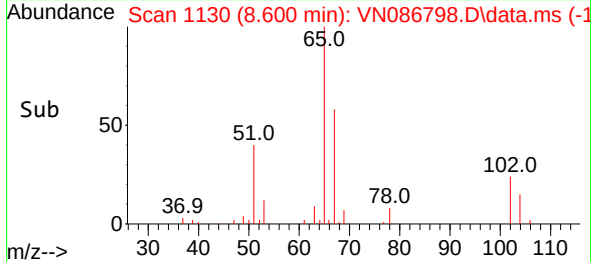
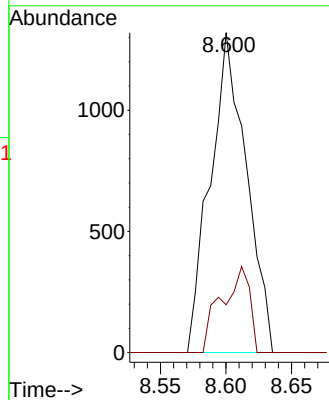
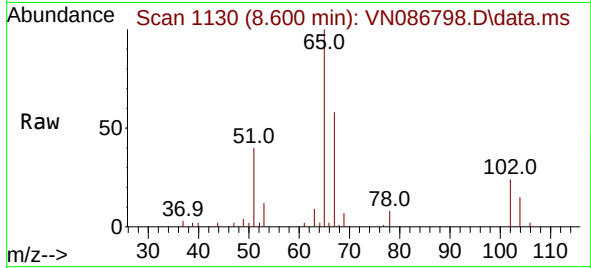
Tgt Ion: 78 Resp: 2524
 Ion Ratio Lower Upper
 78 100
 77 15.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#41

Methacrylonitrile

Concen: 0.144 ug/l

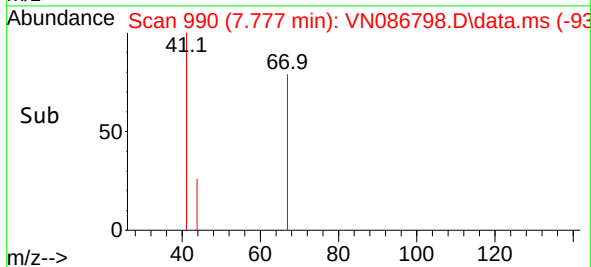
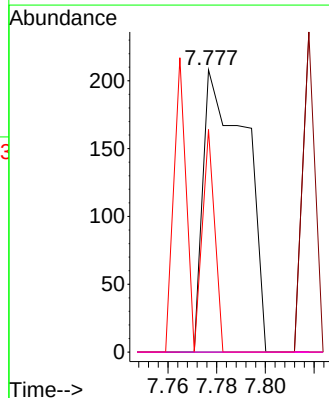
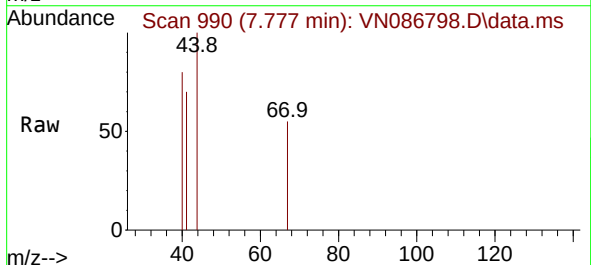
RT: 7.777 min Scan# 990

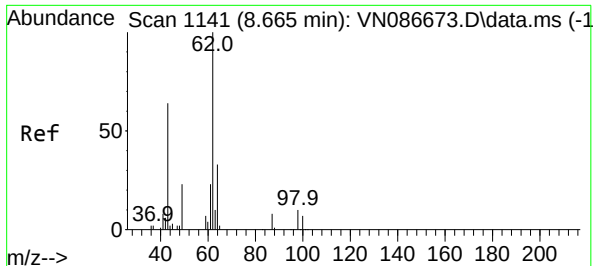
Delta R.T. -0.000 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

Tgt Ion: 41 Resp: 249
 Ion Ratio Lower Upper
 41 100
 39 0.0 44.9 67.3#
 67 53.8 63.4 95.0#
 52 0.0 24.4 36.6#





#42

1,2-Dichloroethane

Concen: 0.333 ug/l

RT: 8.665 min Scan# 1141

Delta R.T. -0.000 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

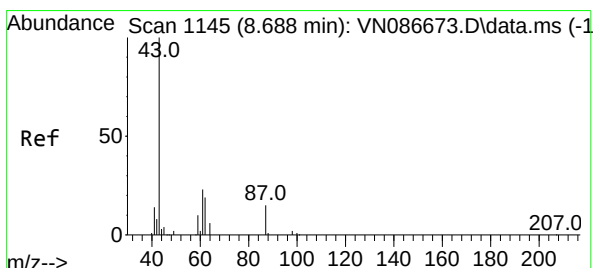
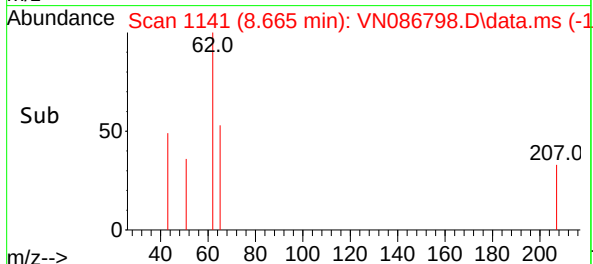
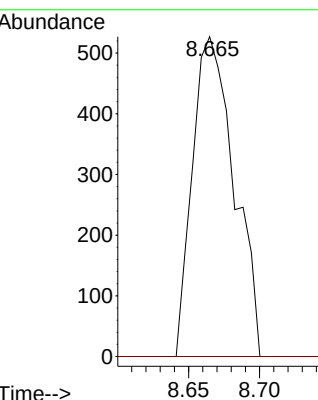
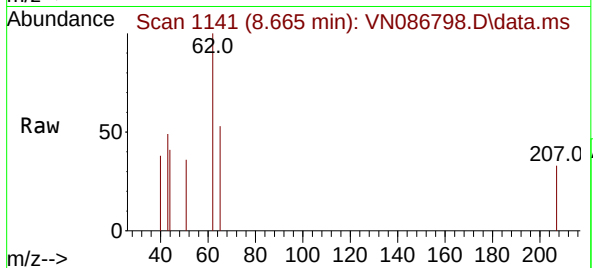
Tgt Ion: 62 Resp: 1070
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#43

Isopropyl Acetate

Concen: 0.276 ug/l

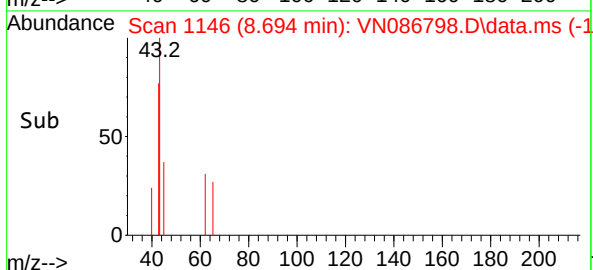
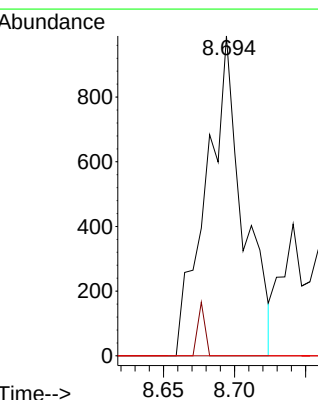
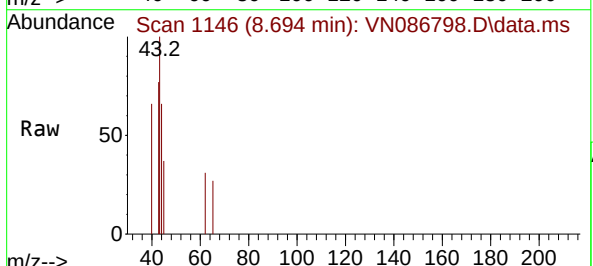
RT: 8.694 min Scan# 1146

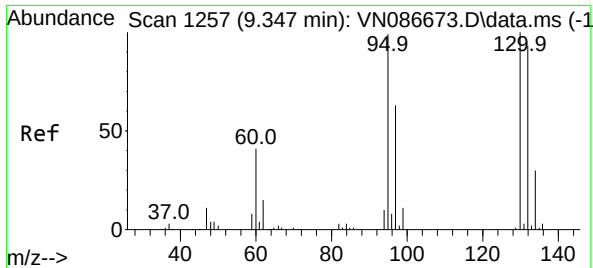
Delta R.T. 0.006 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

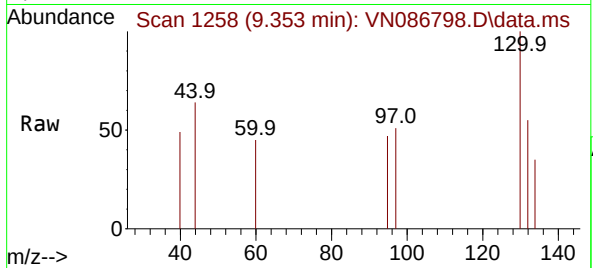
Tgt Ion: 43 Resp: 1777
 Ion Ratio Lower Upper
 43 100
 61 0.0 21.4 32.2#
 87 0.0 11.1 16.7#





#44
Trichloroethene
Concen: 0.269 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

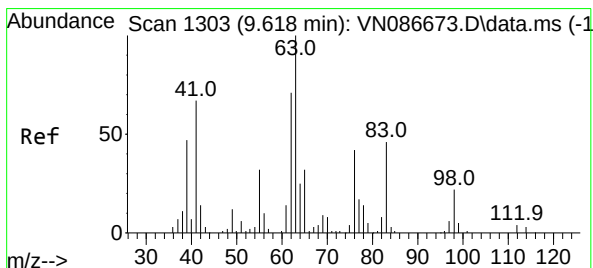
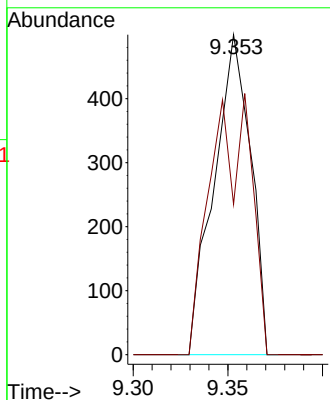
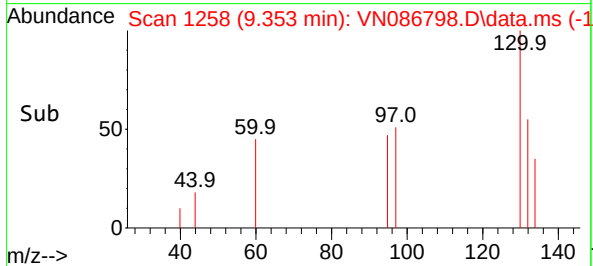
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



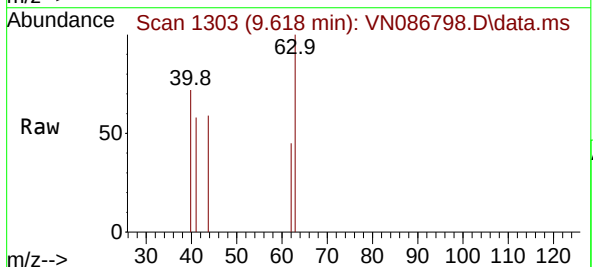
Tgt Ion:130 Resp: 672
Ion Ratio Lower Upper
130 100
95 47.0 0.0 197.0

Manual Integrations
APPROVED

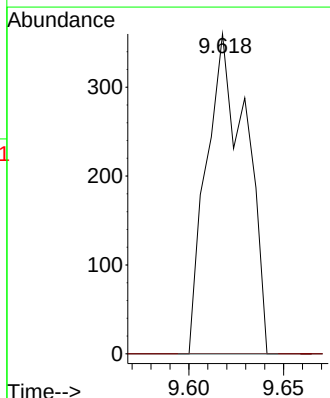
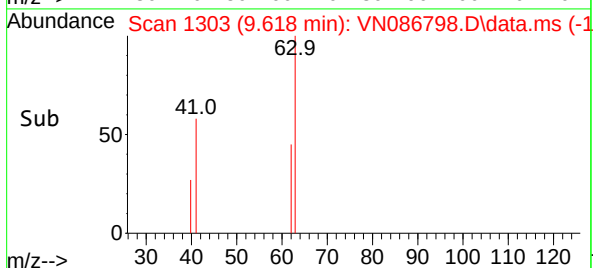
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

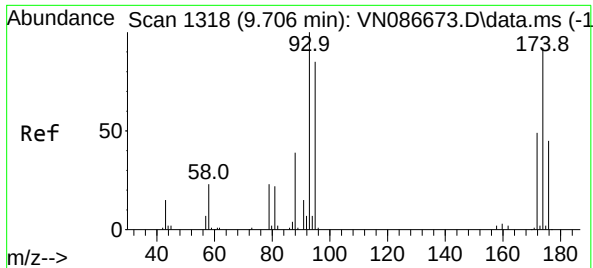


#45
1,2-Dichloropropane
Concen: 0.213 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36



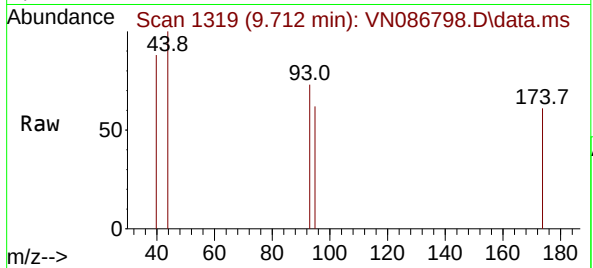
Tgt Ion: 63 Resp: 525
Ion Ratio Lower Upper
63 100
65 0.0 25.8 38.6#





#46
Dibromomethane
Concen: 0.044 ug/l
RT: 9.712 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

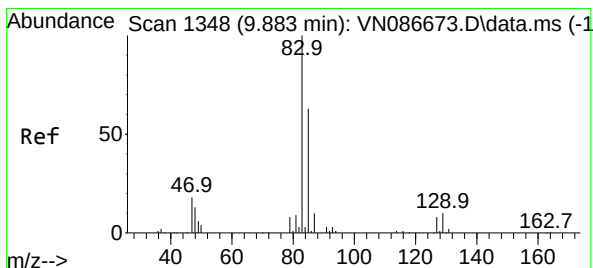
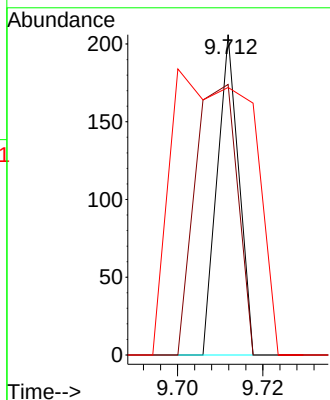
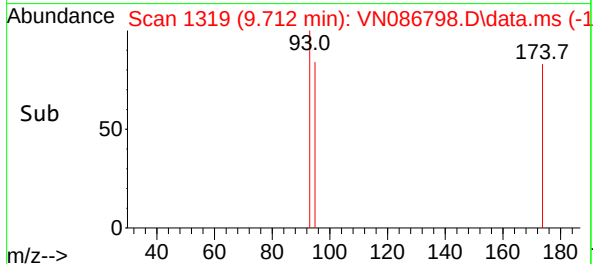
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



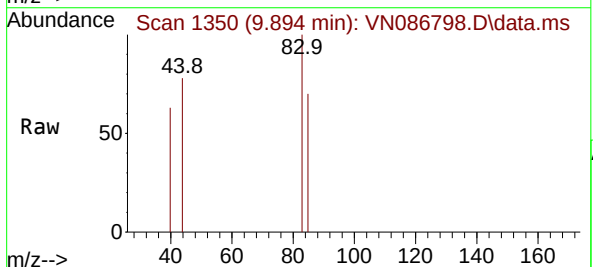
Tgt Ion: 93 Resp: 73
Ion Ratio Lower Upper
93 100
95 163.0 67.1 100.7
174 330.1 73.8 110.6

Manual Integrations
APPROVED

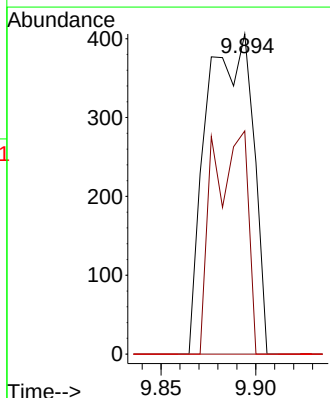
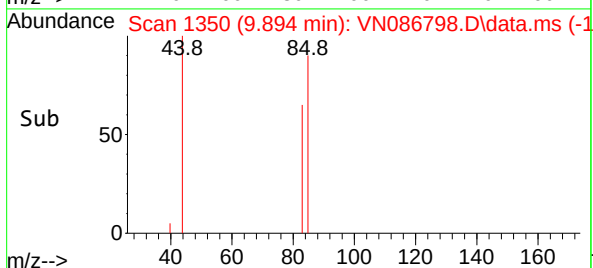
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

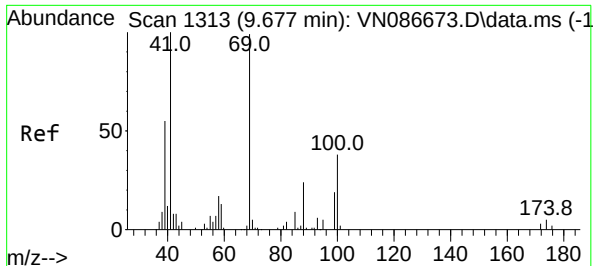


#47
Bromodichloromethane
Concen: 0.203 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.012 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36



Tgt Ion: 83 Resp: 696
Ion Ratio Lower Upper
83 100
85 69.7 50.1 75.1
127 0.0 6.2 9.4





#48

Methyl methacrylate

Concen: 0.144 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.006 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

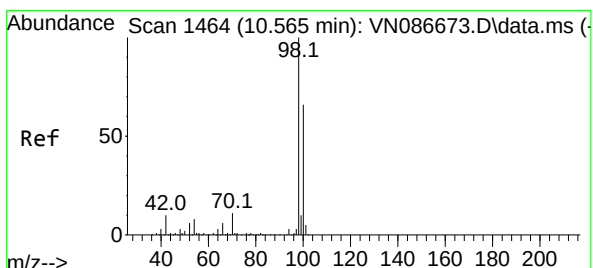
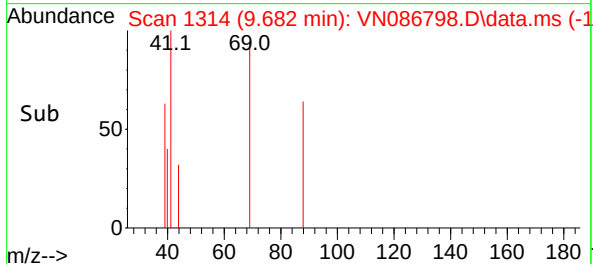
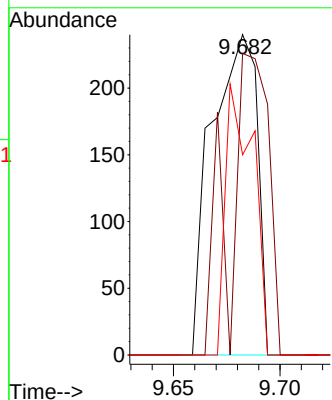
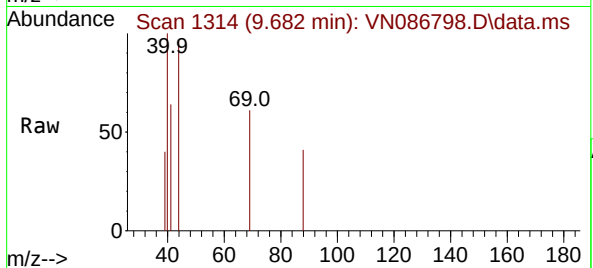
Tgt Ion: 41	Resp: 358
Ion Ratio	Lower Upper
41	100
69	80.7 74.1 111.1
39	51.4 44.1 66.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#50

Toluene-d8

Concen: 50.072 ug/l

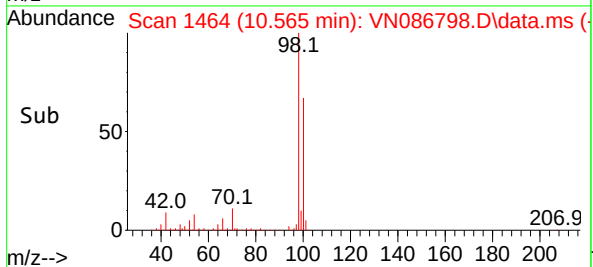
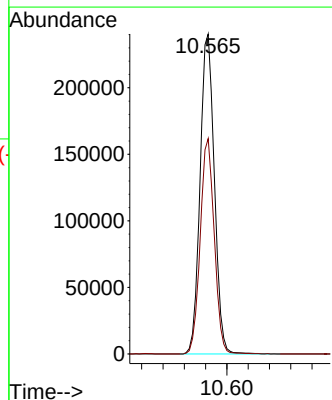
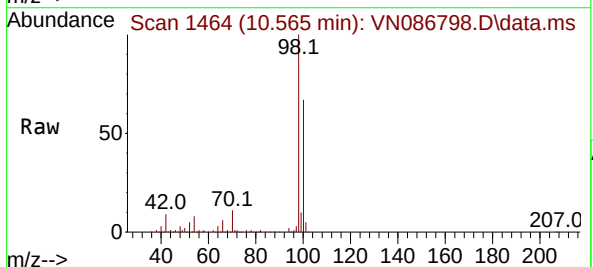
RT: 10.565 min Scan# 1464

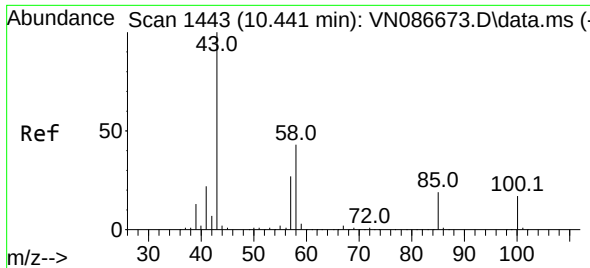
Delta R.T. -0.000 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

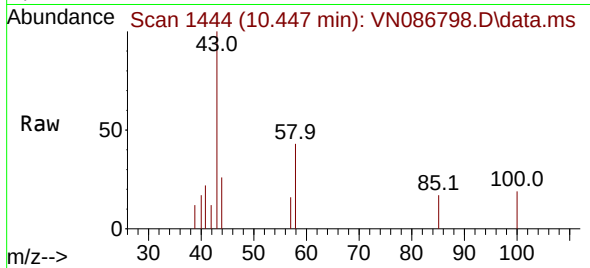
Tgt Ion: 98	Resp: 446635
Ion Ratio	Lower Upper
98	100
100	66.1 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 0.979 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

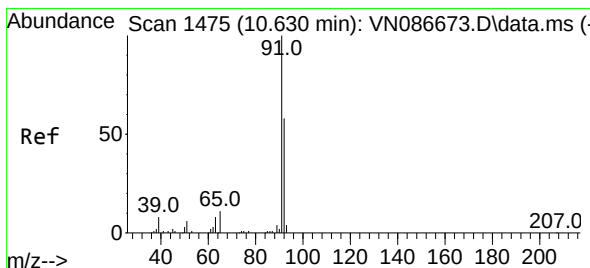
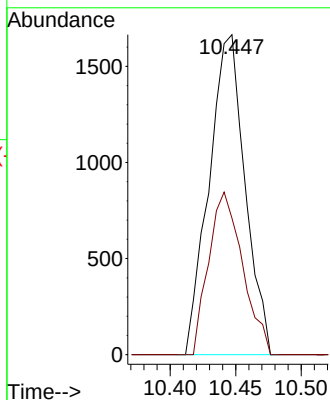
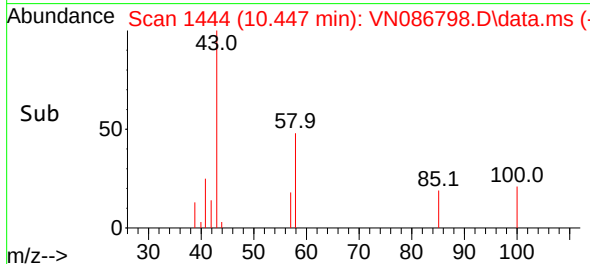
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 43 Resp: 317
Ion Ratio Lower Upper
43 100
58 48.0 33.9 50.9

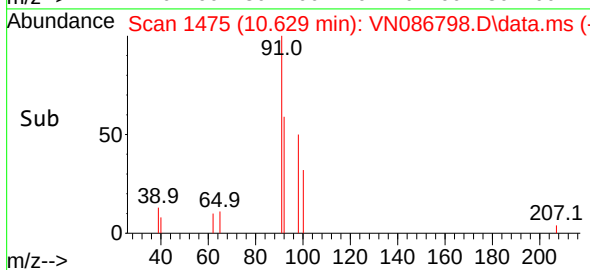
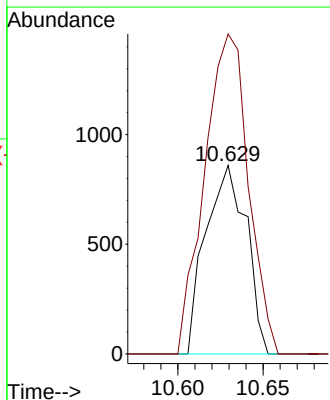
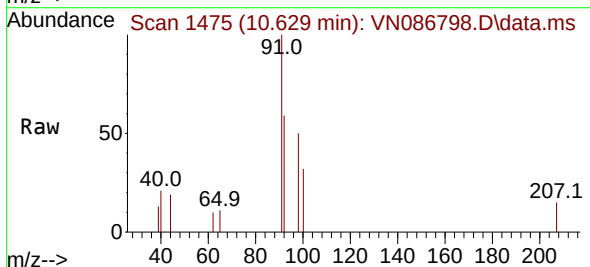
Manual Integrations
APPROVED

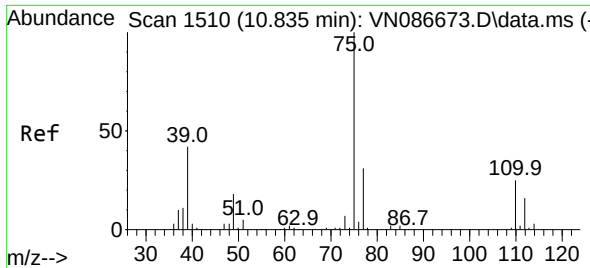
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#52
Toluene
Concen: 0.222 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

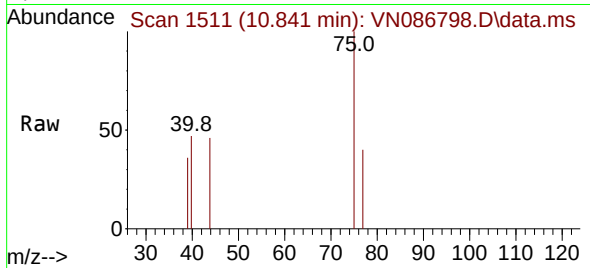
Tgt Ion: 92 Resp: 1426
Ion Ratio Lower Upper
92 100
91 182.9 137.8 206.8





#53
 t-1,3-Dichloropropene
 Concen: 0.186 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN086798.D
 Acq: 28 May 2025 14:36

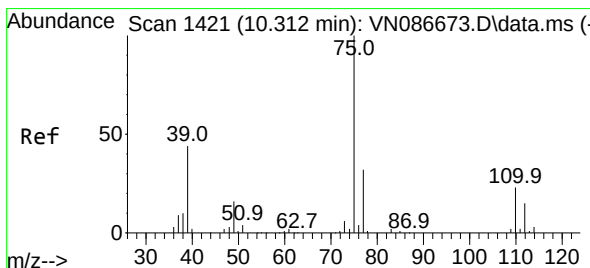
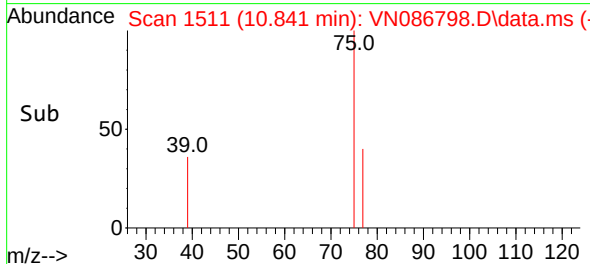
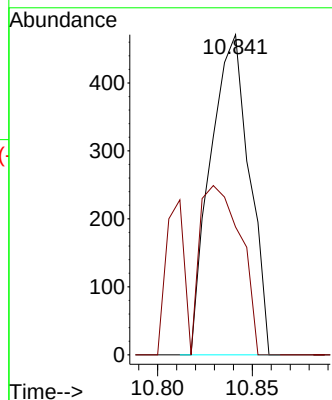
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025



Tgt Ion: 75 Resp: 672
 Ion Ratio Lower Upper
 75 100
 77 39.9 25.2 37.8#

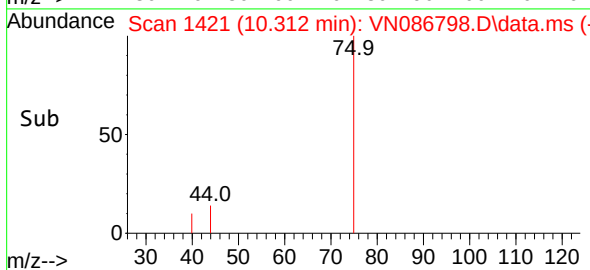
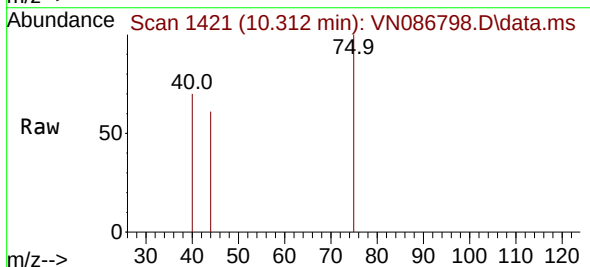
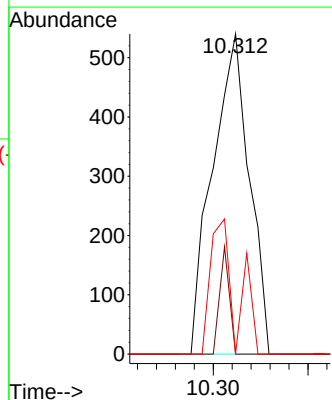
Manual Integrations
 APPROVED

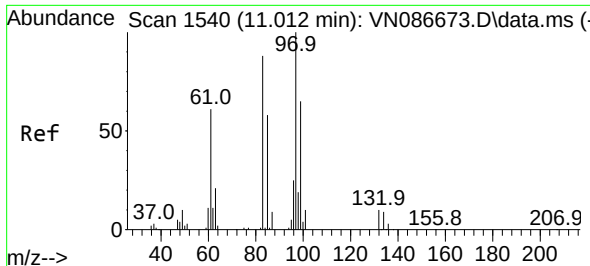
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#54
 cis-1,3-Dichloropropene
 Concen: 0.184 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086798.D
 Acq: 28 May 2025 14:36

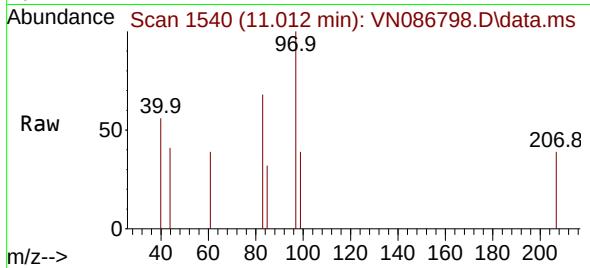
Tgt Ion: 75 Resp: 727
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 0.0 35.2 52.8#





#55
1,1,2-Trichloroethane
Concen: 0.235 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

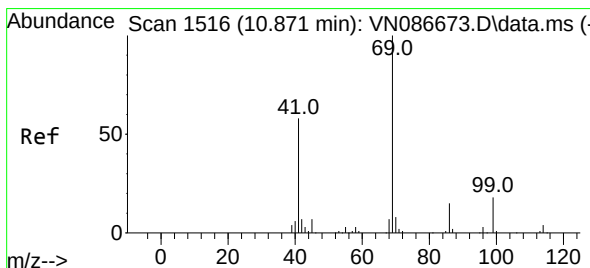
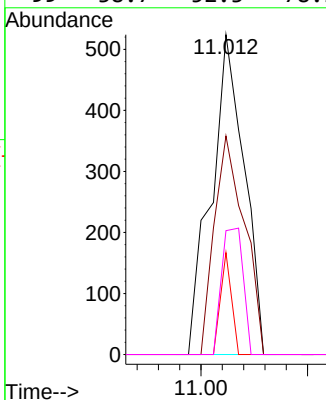
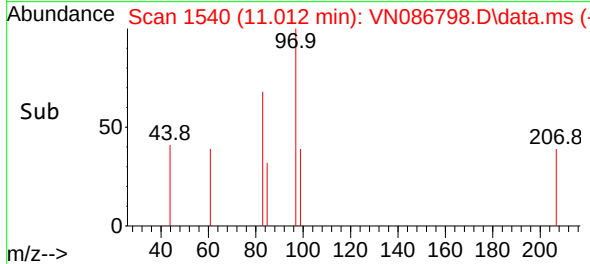
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025



Tgt Ion: 97 Resp: 561
Ion Ratio Lower Upper
97 100
83 68.3 70.4 105.6
85 31.9 46.1 69.1
99 38.7 52.3 78.5#

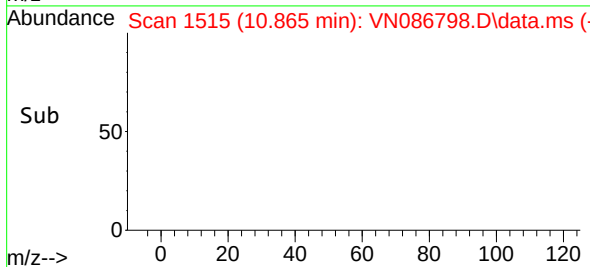
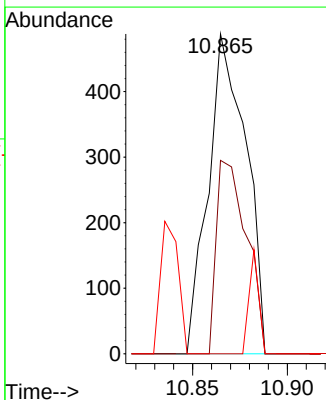
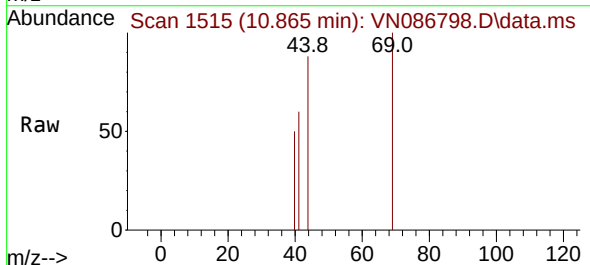
Manual Integrations
APPROVED

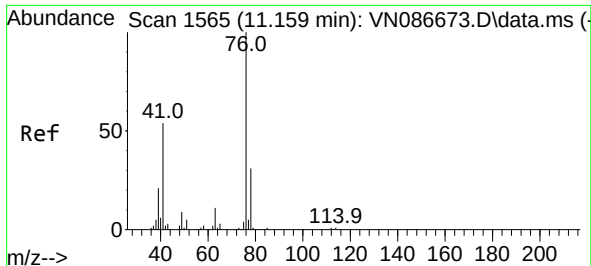
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#56
Ethyl methacrylate
Concen: 0.175 ug/l
RT: 10.865 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Tgt Ion: 69 Resp: 675
Ion Ratio Lower Upper
69 100
41 48.4 47.4 71.0
39 8.3 24.0 36.0#





#57

1,3-Dichloropropane

Concen: 0.205 ug/l

RT: 11.165 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

Tgt Ion: 76 Resp: 849

Ion Ratio Lower Upper

76 100

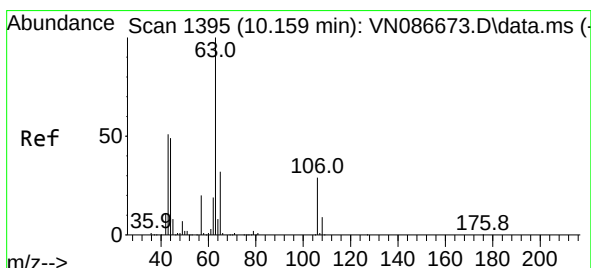
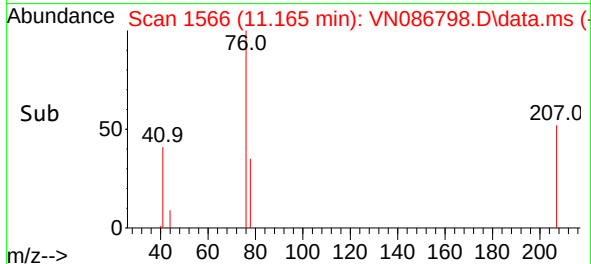
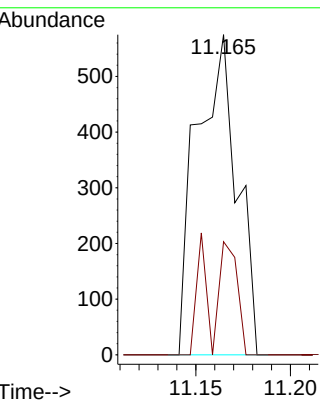
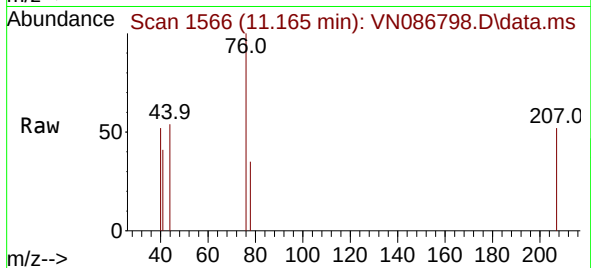
78 15.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 0.602 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086798.D

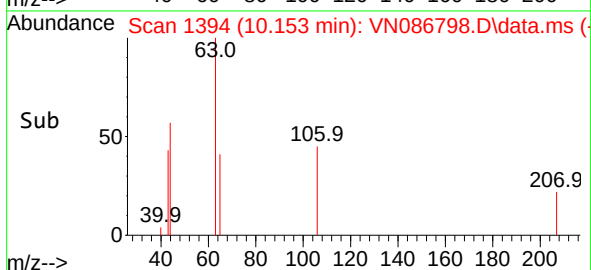
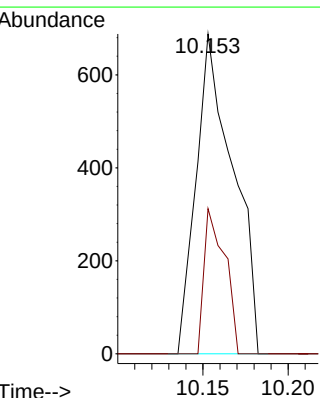
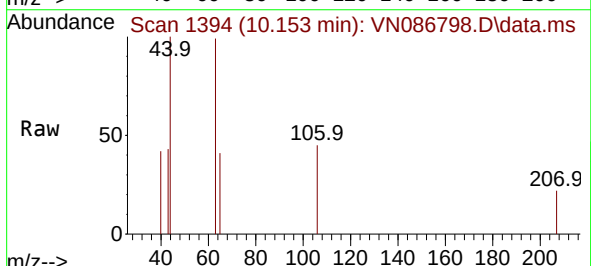
Acq: 28 May 2025 14:36

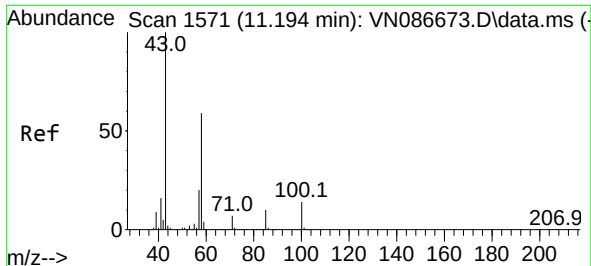
Tgt Ion: 63 Resp: 1037

Ion Ratio Lower Upper

63 100

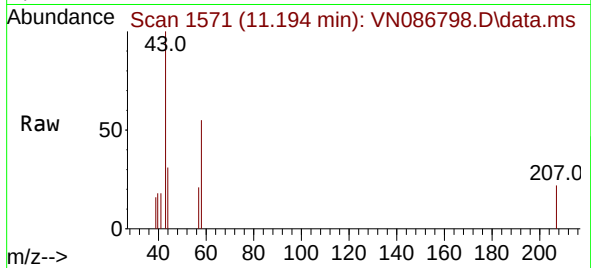
106 25.5 23.1 34.7





#59
2-Hexanone
Concen: 0.959 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

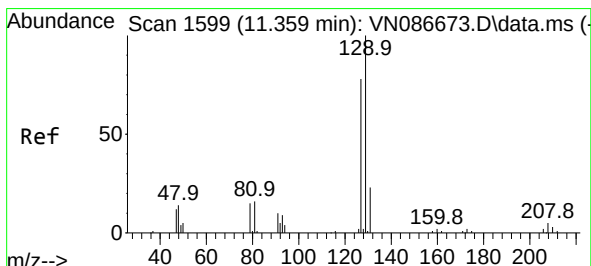
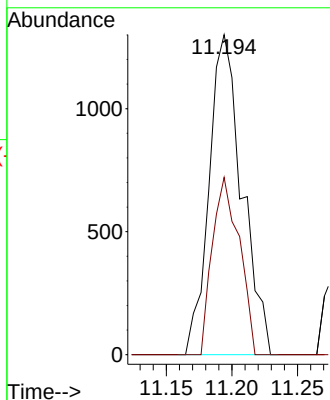
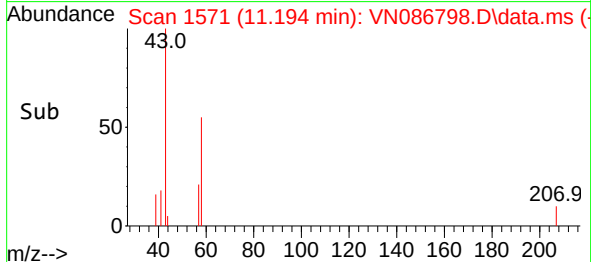
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
58 45.2 29.8 89.5

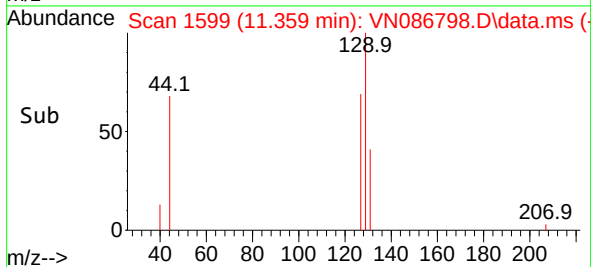
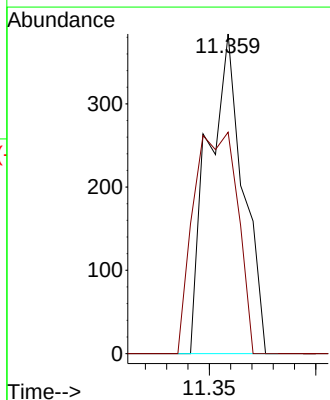
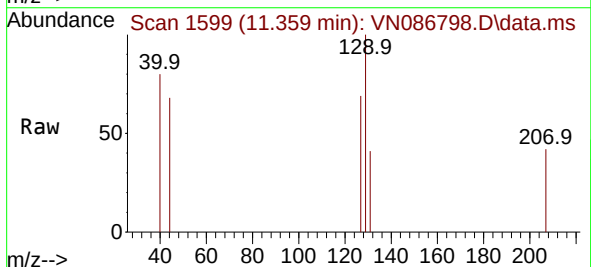
Manual Integrations
APPROVED

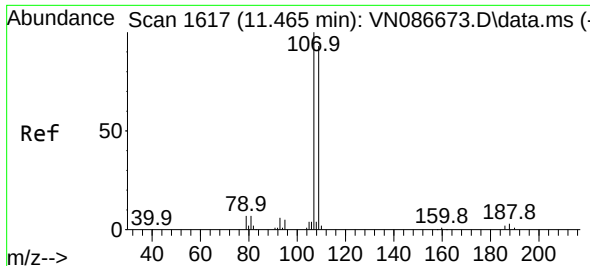
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 0.175 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

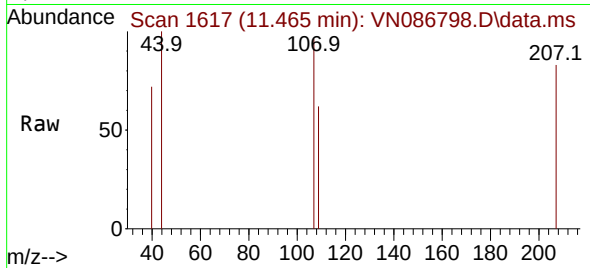
Tgt Ion:129 Resp: 440
Ion Ratio Lower Upper
129 100
127 86.8 39.5 118.3





#61
1,2-Dibromoethane
Concen: 0.161 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

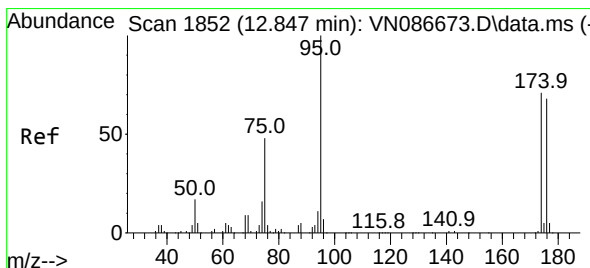
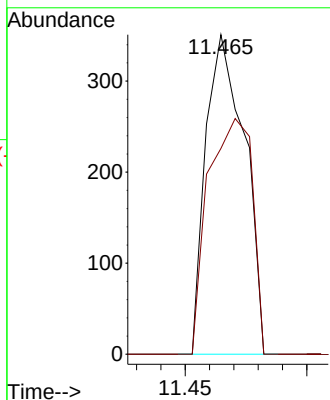
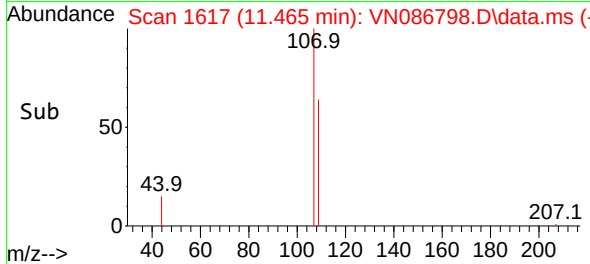
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:107 Resp: 388
Ion Ratio Lower Upper
107 100
109 83.8 75.0 112.4

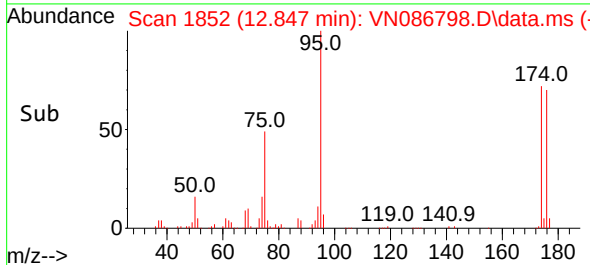
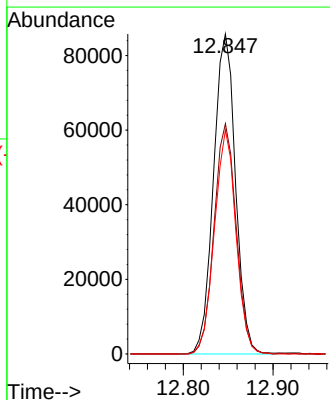
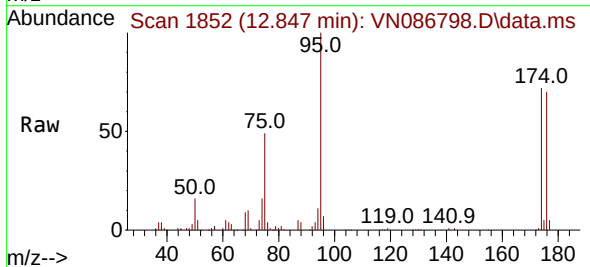
Manual Integrations
APPROVED

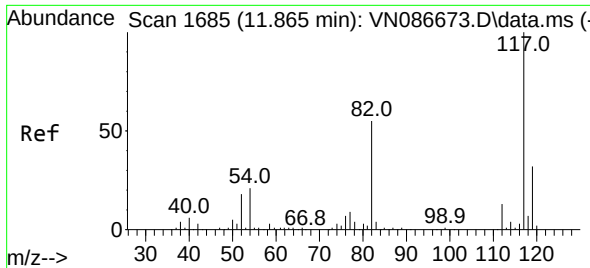
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#62
4-Bromofluorobenzene
Concen: 46.349 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

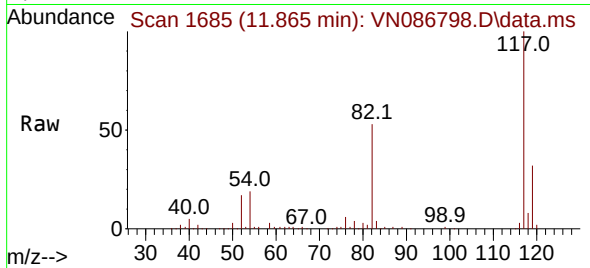
Tgt Ion: 95 Resp: 145979
Ion Ratio Lower Upper
95 100
174 72.1 0.0 145.4
176 68.6 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

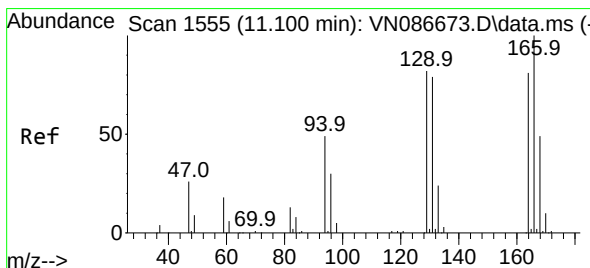
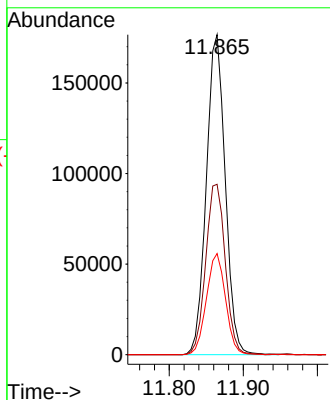
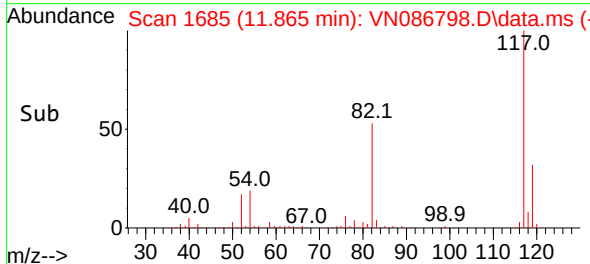
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



Tgt Ion:117 Resp: 31321
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 31.6 25.4 38.2

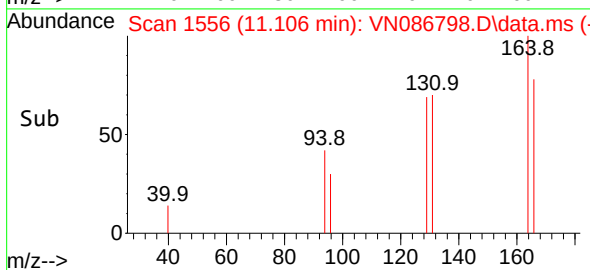
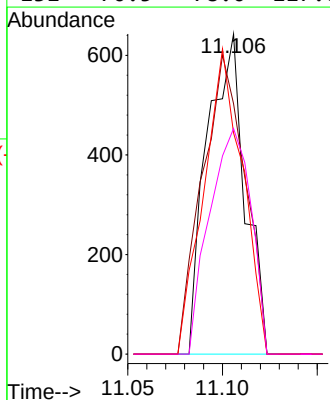
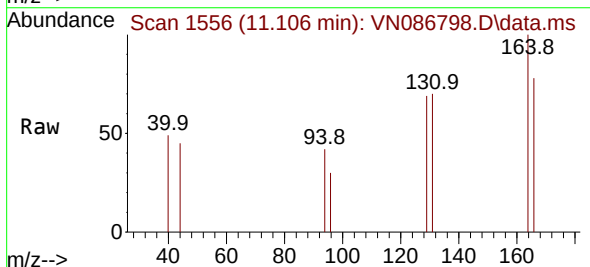
Manual Integrations
APPROVED

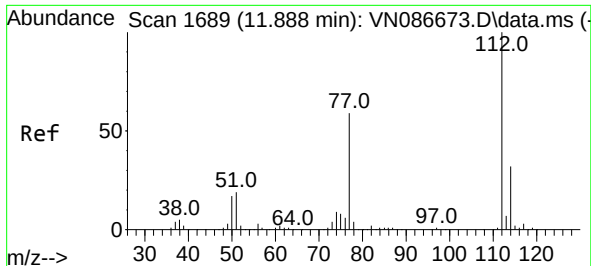
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 0.372 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

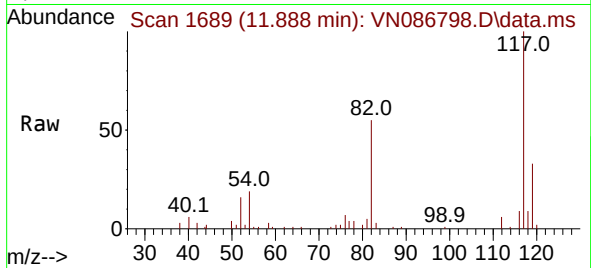
Tgt Ion:164 Resp: 892
Ion Ratio Lower Upper
164 100
166 78.2 98.2 147.4#
129 69.1 81.0 121.4#
131 70.5 78.0 117.0#





#65
Chlorobenzene
Concen: 0.249 ug/l
RT: 11.888 min Scan# 1709
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

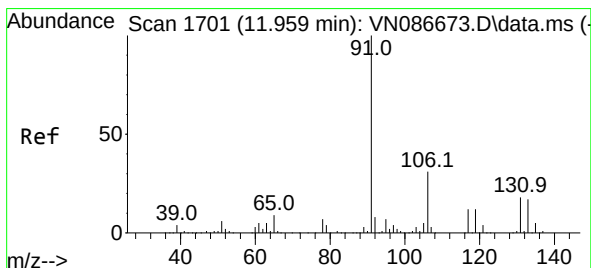
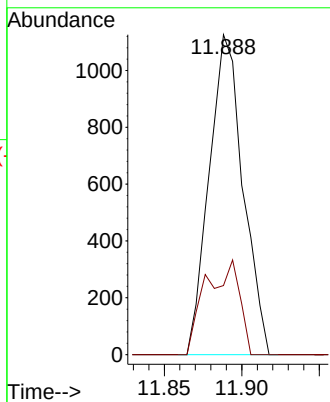
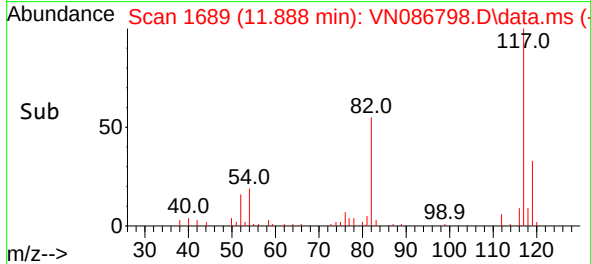
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



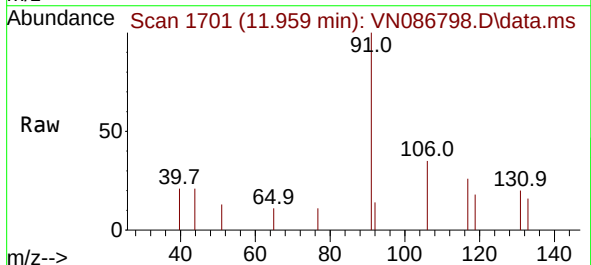
Tgt Ion:112 Resp: 1709
Ion Ratio Lower Upper
112 100
114 21.6 25.9 38.9

Manual Integrations
APPROVED

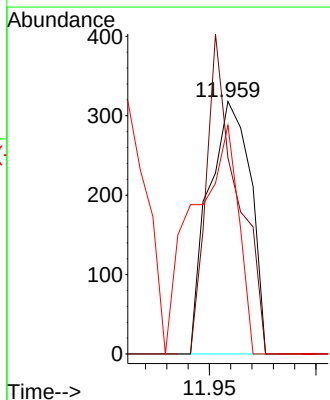
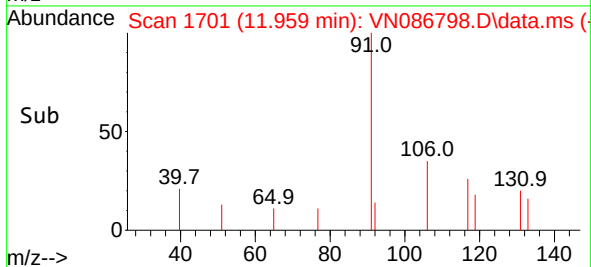
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

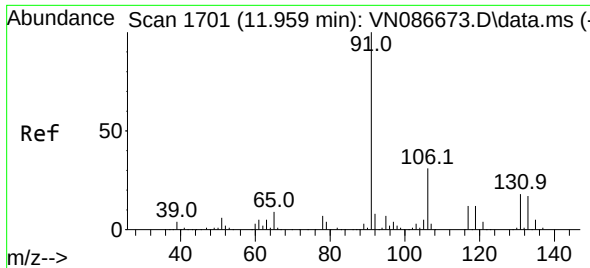


#66
1,1,1,2-Tetrachloroethane
Concen: 0.196 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36



Tgt Ion:131 Resp: 435
Ion Ratio Lower Upper
131 100
133 92.9 47.9 143.7
119 0.0 33.6 100.8





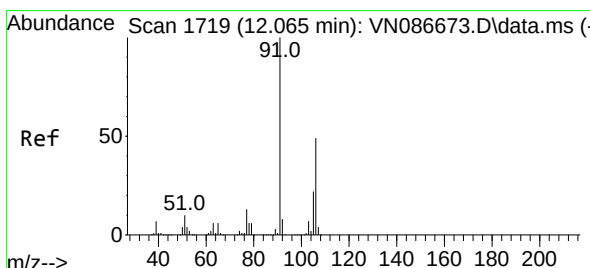
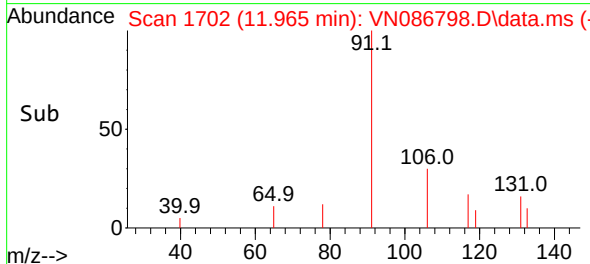
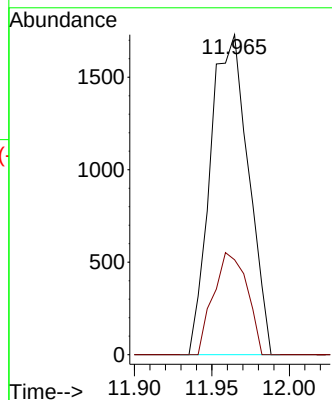
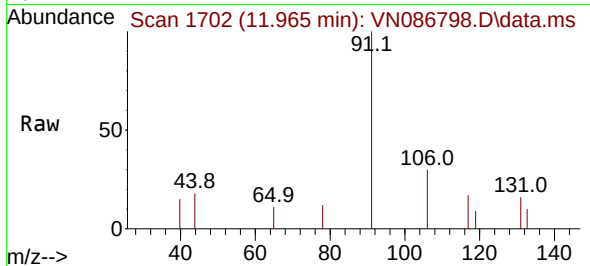
#67
Ethyl Benzene
Concen: 0.251 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion: 91 Resp: 295
Ion Ratio Lower Upper
91 100
106 29.7 24.6 36.8

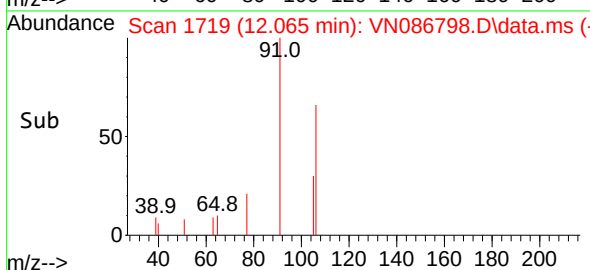
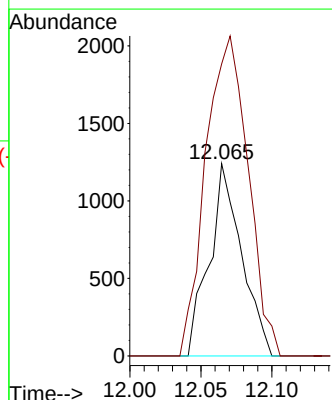
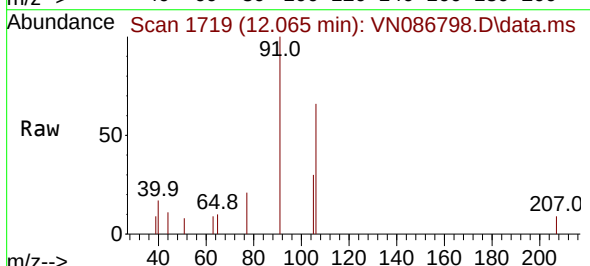
Manual Integrations
APPROVED

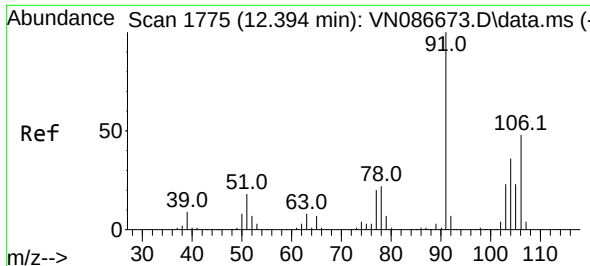
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#68
m/p-Xylenes
Concen: 0.441 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Tgt Ion:106 Resp: 1966
Ion Ratio Lower Upper
106 100
91 217.7 162.4 243.6





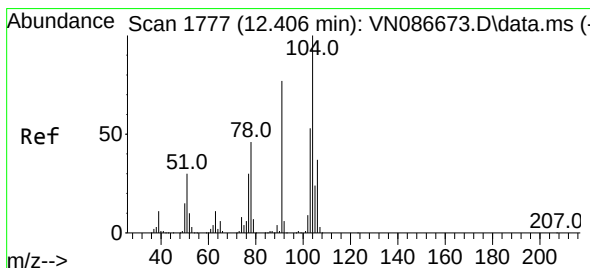
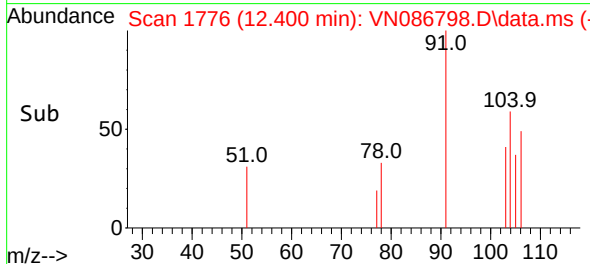
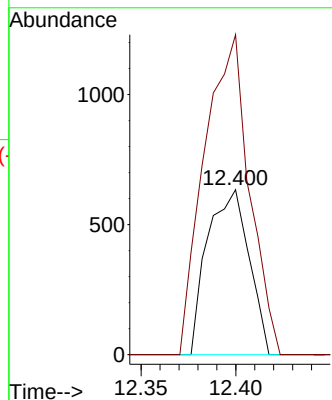
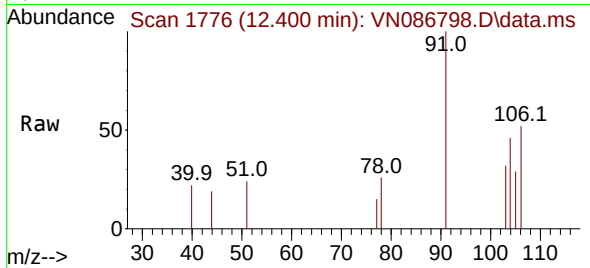
#69
o-Xylene
Concen: 0.218 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:106 Resp: 968
Ion Ratio Lower Upper
106 100
91 209.9 105.1 315.1

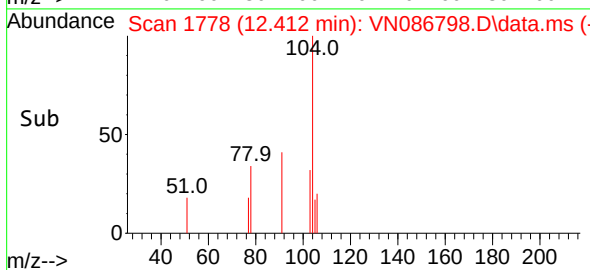
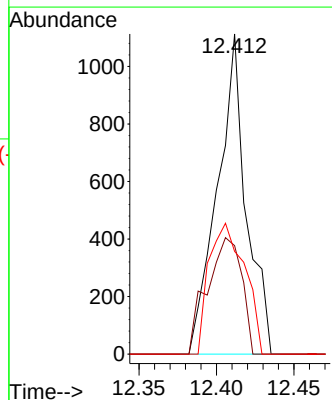
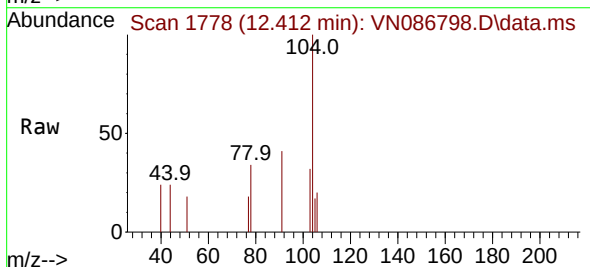
Manual Integrations
APPROVED

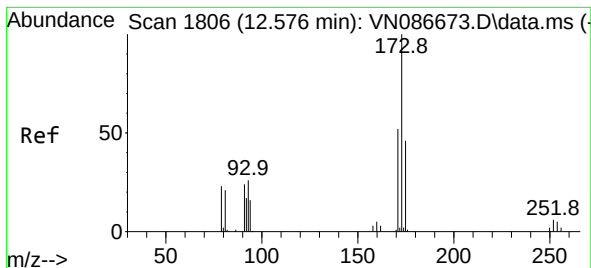
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 0.198 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Tgt Ion:104 Resp: 1435
Ion Ratio Lower Upper
104 100
78 43.6 39.0 58.6
103 50.7 43.8 65.8





#71

Bromoform

Concen: 0.236 ug/l

RT: 12.570 min Scan# 1805

Delta R.T. -0.006 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

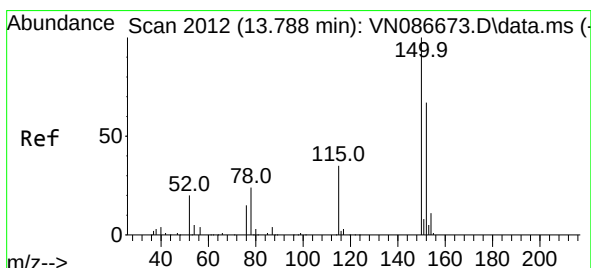
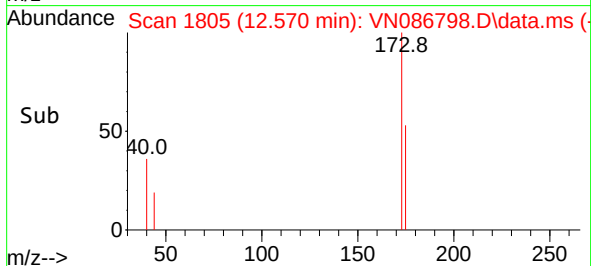
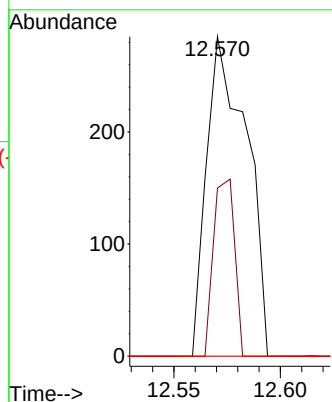
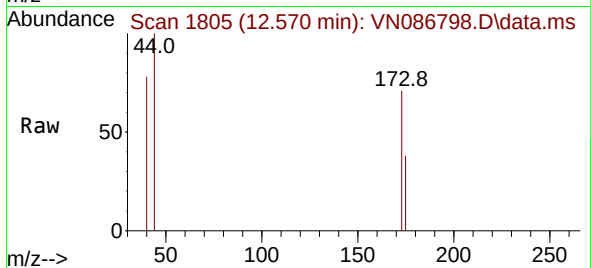
Tgt Ion:	173	Resp:	372
Ion Ratio	Lower	Upper	
173	100		
175	0.0	23.4	70.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

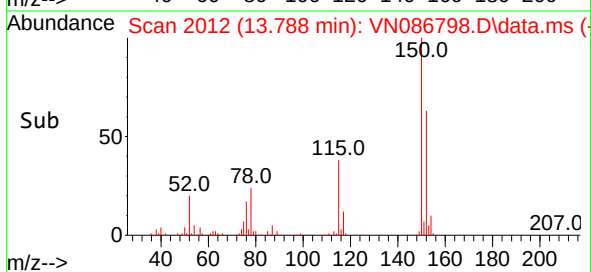
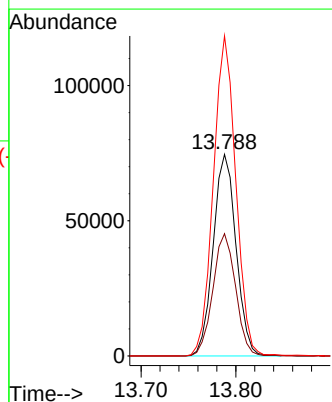
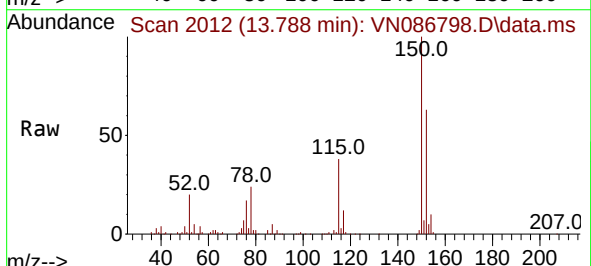
RT: 13.788 min Scan# 2012

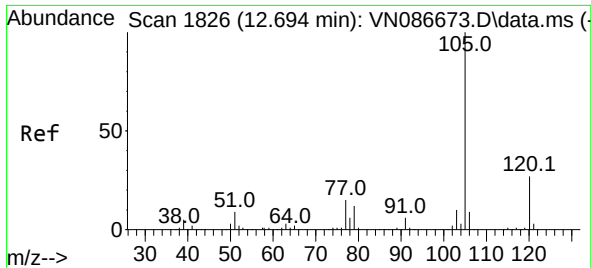
Delta R.T. -0.000 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

Tgt Ion:	152	Resp:	124920
Ion Ratio	Lower	Upper	
152	100		
115	60.4	30.0	90.1
150	155.9	0.0	347.8





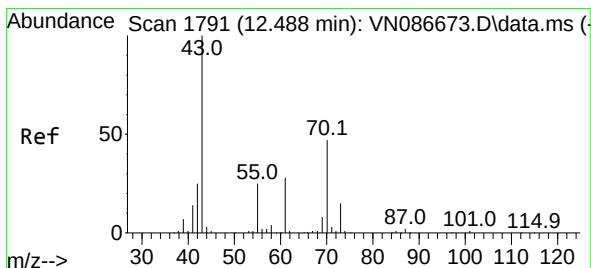
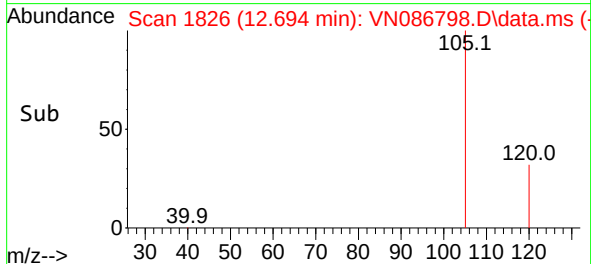
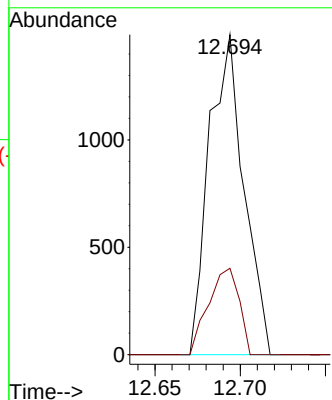
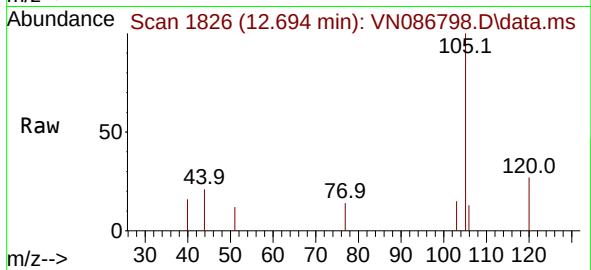
#73
Isopropylbenzene
Concen: 0.219 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 2109
Ion Ratio Lower Upper
105 100
120 23.8 13.4 40.1

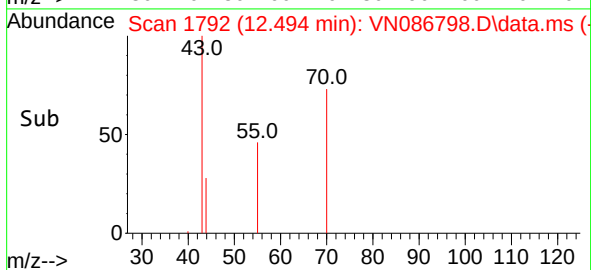
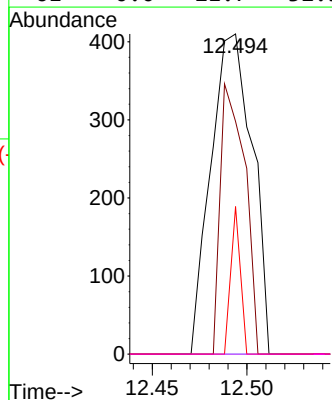
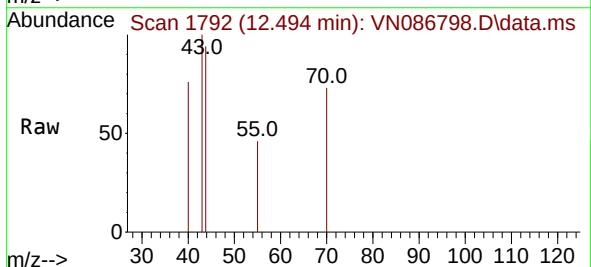
Manual Integrations
APPROVED

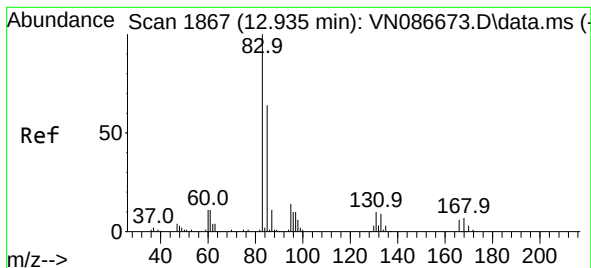
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#74
N-ethyl acetate
Concen: 0.155 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
70 49.9 37.9 56.9
55 10.8 20.5 30.7#
61 0.0 21.7 32.5#





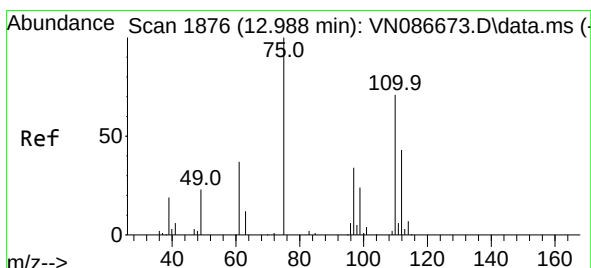
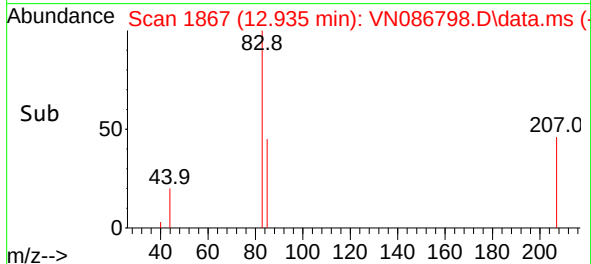
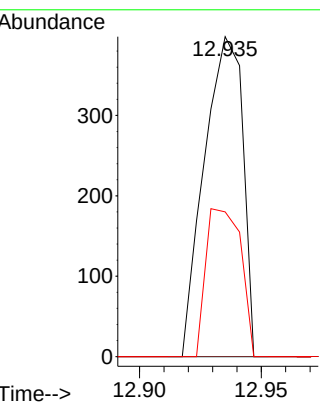
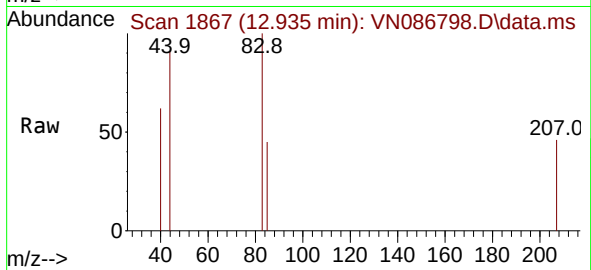
#75
1,1,2,2-Tetrachloroethane
Concen: 0.147 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion: 83 Resp: 437
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0
85 41.9 32.4 97.2

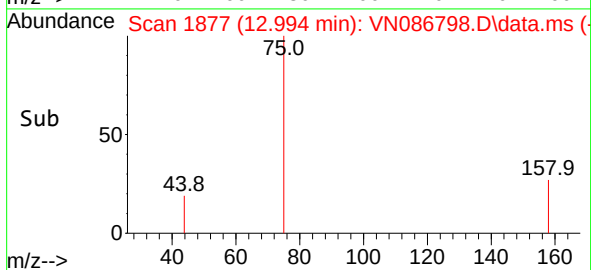
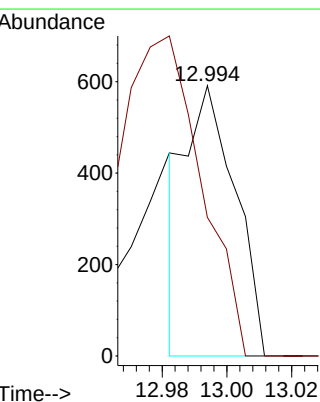
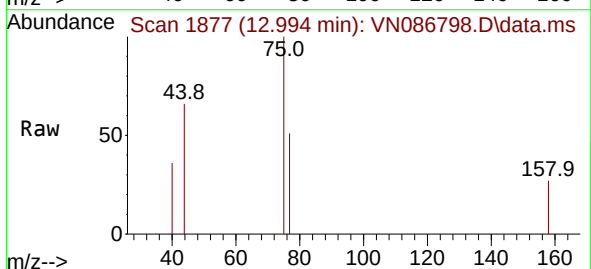
Manual Integrations
APPROVED

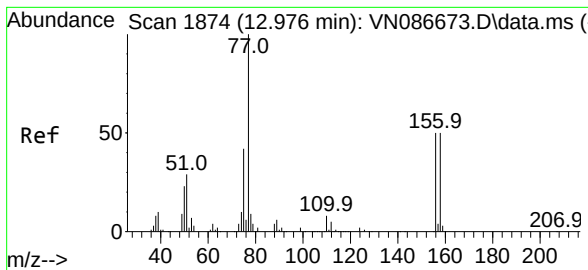
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#76
1,2,3-Trichloropropane
Concen: 0.218 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

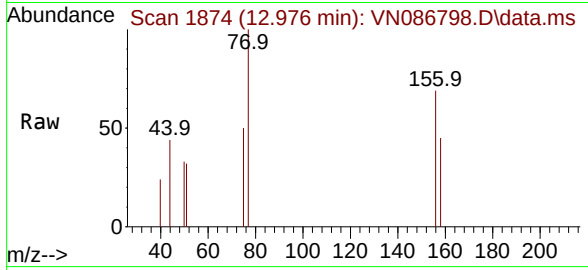
Tgt Ion: 75 Resp: 617
Ion Ratio Lower Upper
75 100
77 115.7 96.0 288.1





#77
Bromobenzene
Concen: 0.184 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

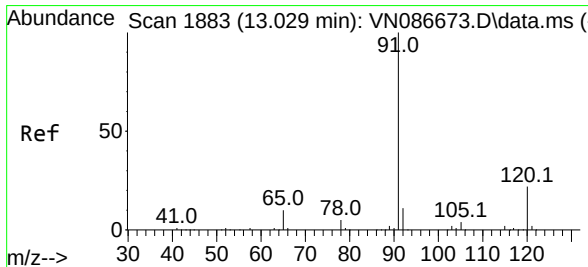
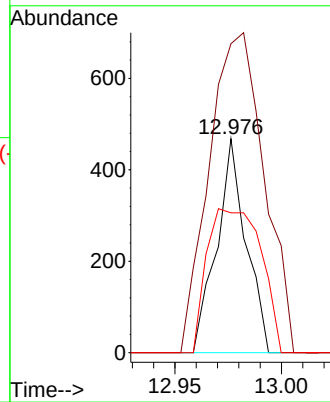
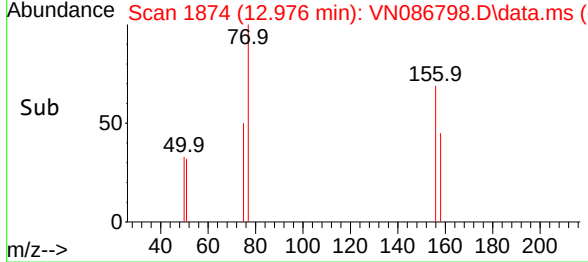
Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025



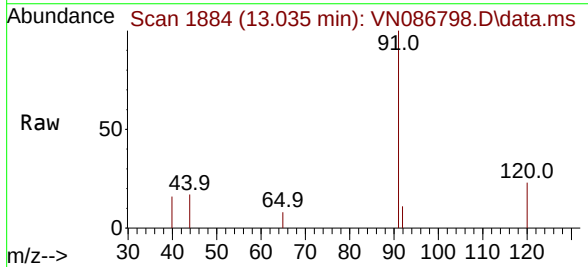
Tgt Ion:156 Resp: 44
Ion Ratio Lower Upper
156 100
77 281.0 113.1 339.2
158 123.9 48.6 145.9

Manual Integrations
APPROVED

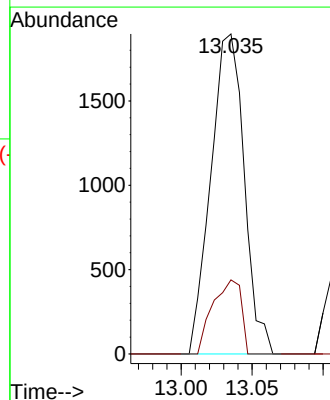
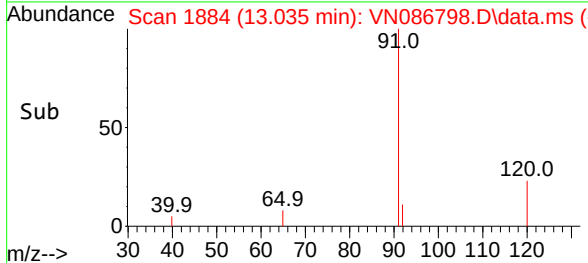
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

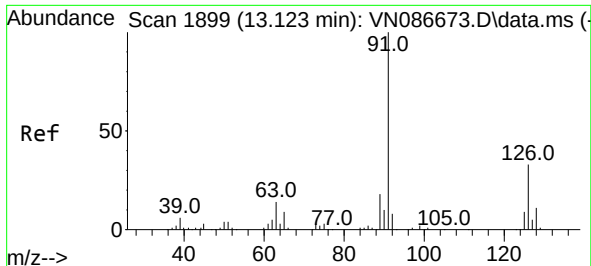


#78
n-propylbenzene
Concen: 0.280 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36



Tgt Ion: 91 Resp: 3101
Ion Ratio Lower Upper
91 100
120 19.7 11.4 34.1





#79

2-Chlorotoluene

Concen: 0.260 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT2-2025

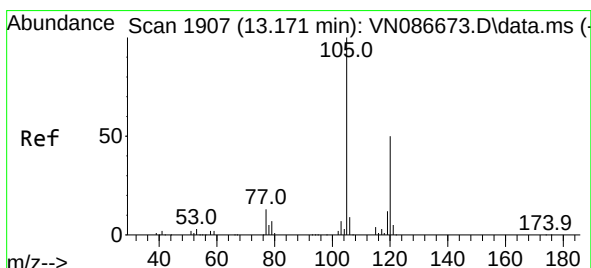
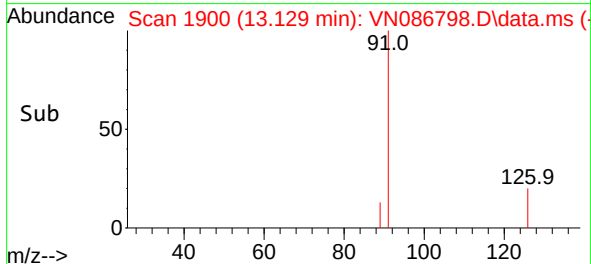
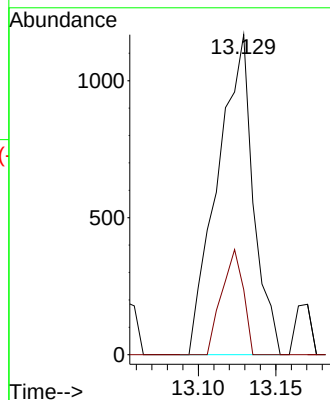
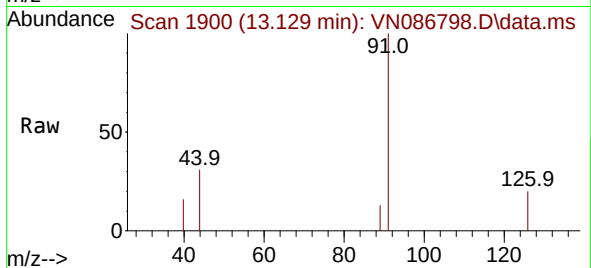
Tgt Ion: 91 Resp: 1874
 Ion Ratio Lower Upper
 91 100
 126 19.9 16.6 49.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#80

1,3,5-Trimethylbenzene

Concen: 0.231 ug/l

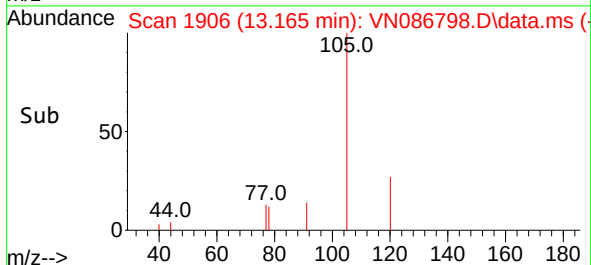
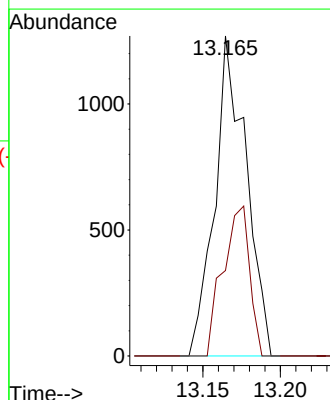
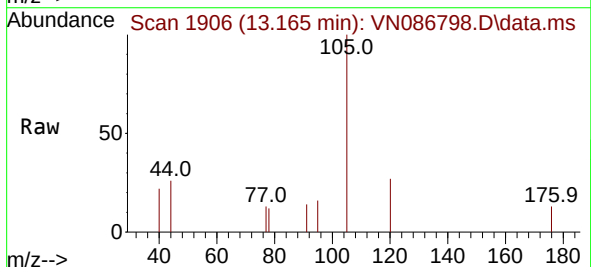
RT: 13.165 min Scan# 1906

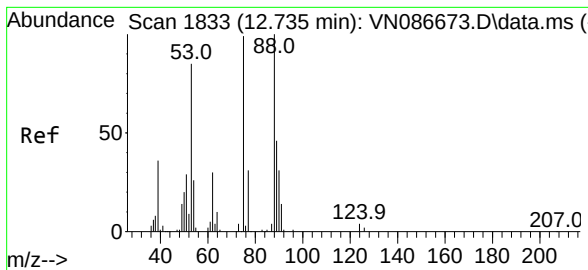
Delta R.T. -0.006 min

Lab File: VN086798.D

Acq: 28 May 2025 14:36

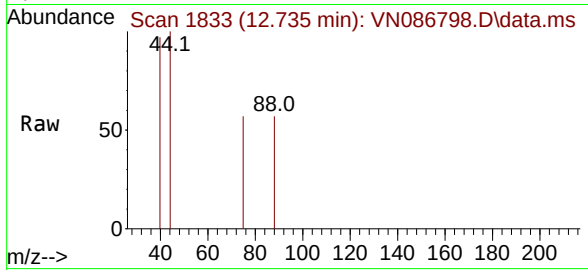
Tgt Ion:105 Resp: 1785
 Ion Ratio Lower Upper
 105 100
 120 39.7 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 0.058 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

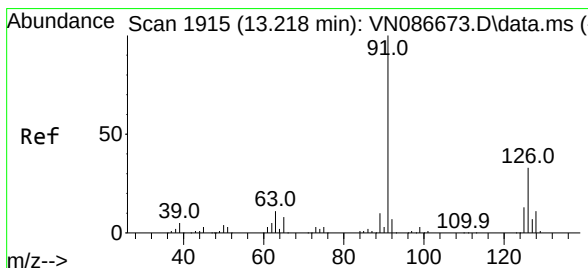
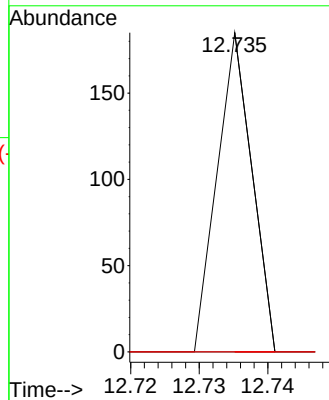
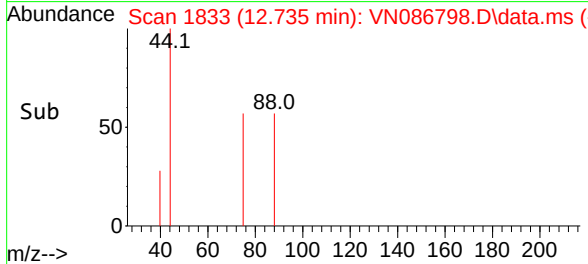
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025



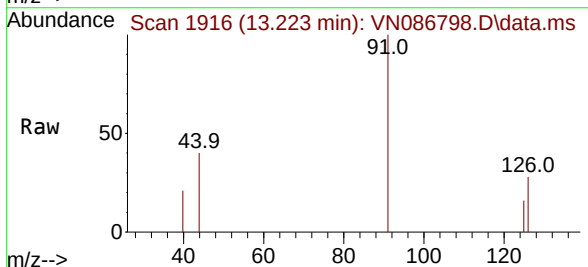
Tgt Ion: 75 Resp: 65
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6
89 0.0 32.4 48.6

Manual Integrations
APPROVED

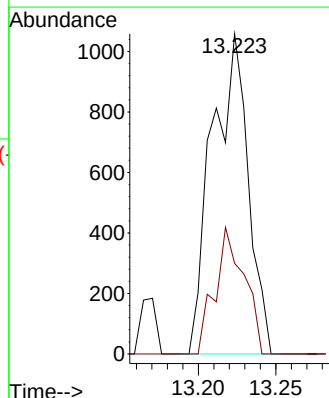
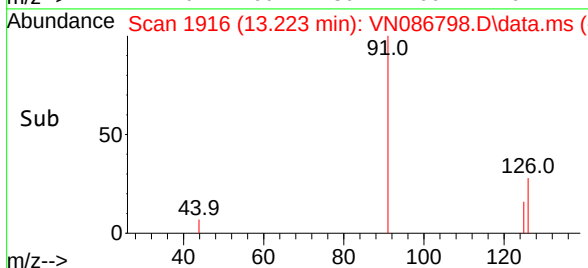
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

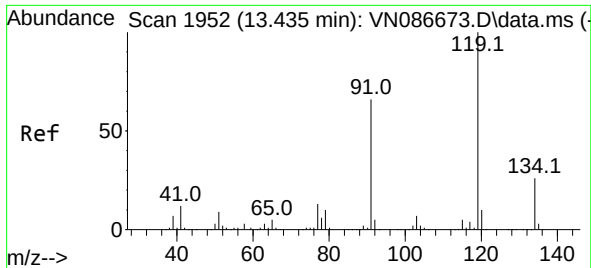


#82
4-Chlorotoluene
Concen: 0.240 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36



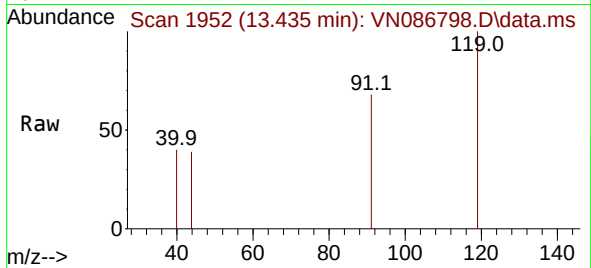
Tgt Ion: 91 Resp: 1715
Ion Ratio Lower Upper
91 100
126 31.9 17.0 50.9





#83
tert-Butylbenzene
Concen: 0.212 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

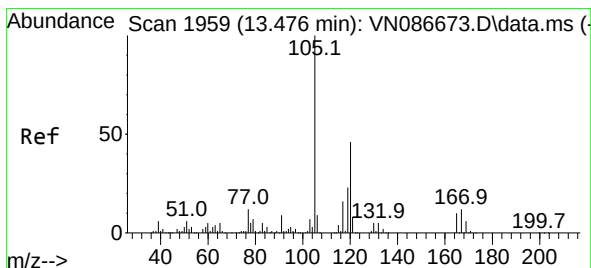
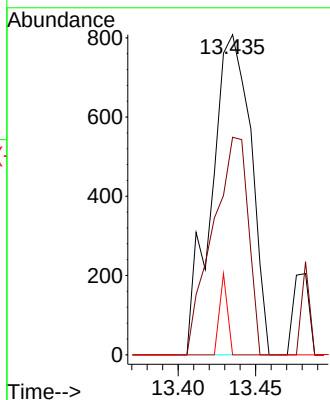
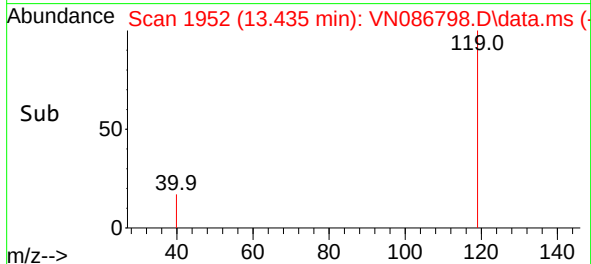
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025



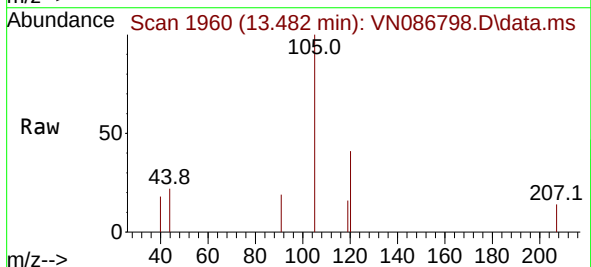
Tgt Ion:119 Resp: 1429
Ion Ratio Lower Upper
119 100
91 61.3 32.9 98.7
134 5.0 13.4 40.1

Manual Integrations
APPROVED

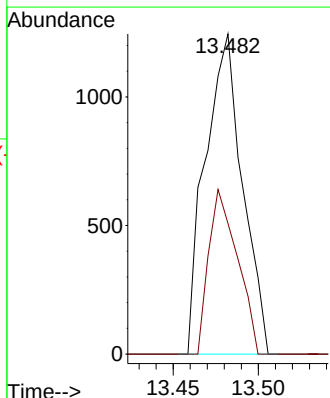
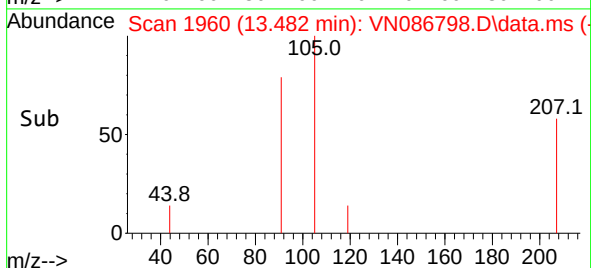
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

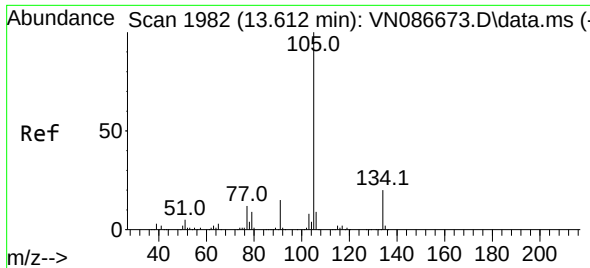


#84
1,2,4-Trimethylbenzene
Concen: 0.245 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36



Tgt Ion:105 Resp: 1887
Ion Ratio Lower Upper
105 100
120 39.7 23.2 69.6





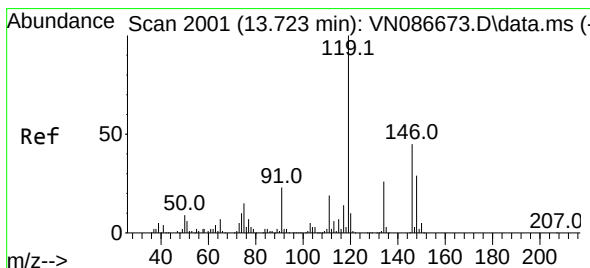
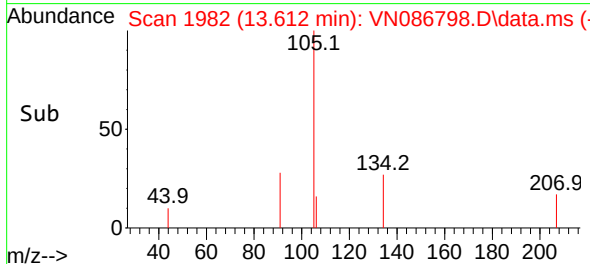
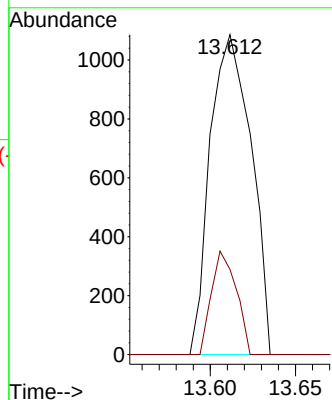
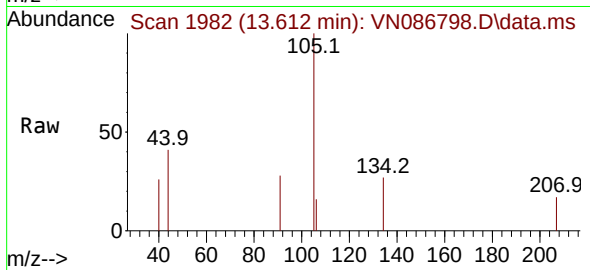
#85
 sec-Butylbenzene
 Concen: 0.201 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086798.D
 Acq: 28 May 2025 14:36

Instrument : MSVOA_N
 ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion:105 Resp: 182
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1

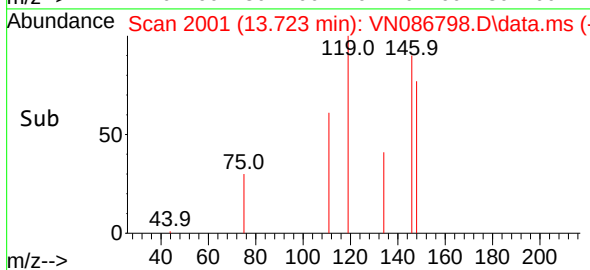
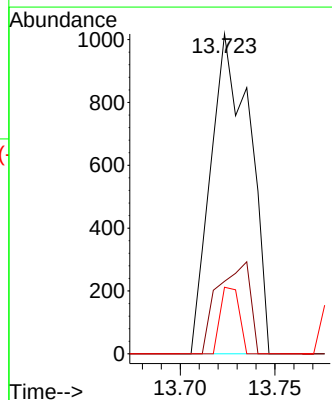
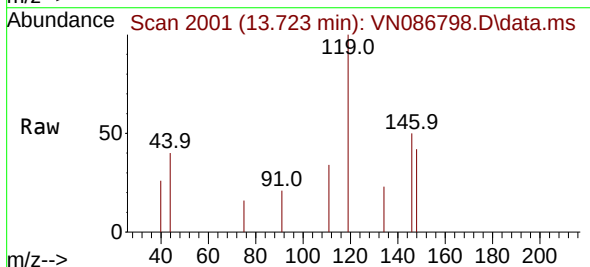
Manual Integrations
 APPROVED

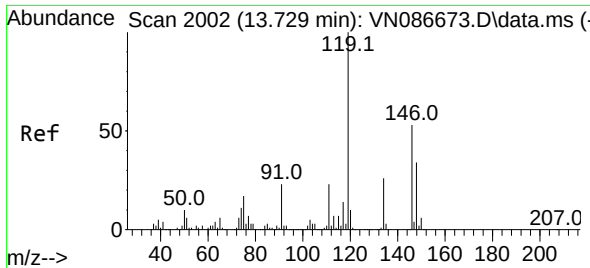
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#86
 p-Isopropyltoluene
 Concen: 0.198 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086798.D
 Acq: 28 May 2025 14:36

Tgt Ion:119 Resp: 1465
 Ion Ratio Lower Upper
 119 100
 134 23.7 13.1 39.1
 91 10.0 11.5 34.5#





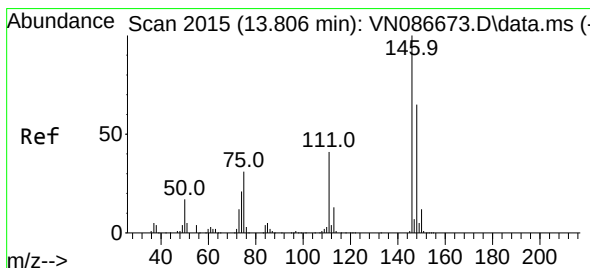
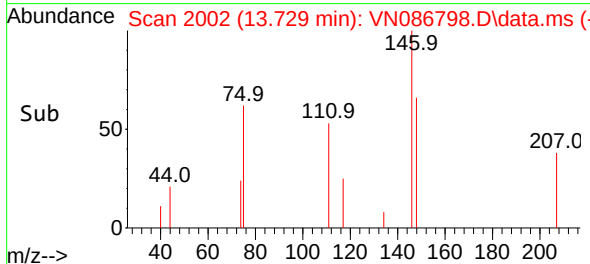
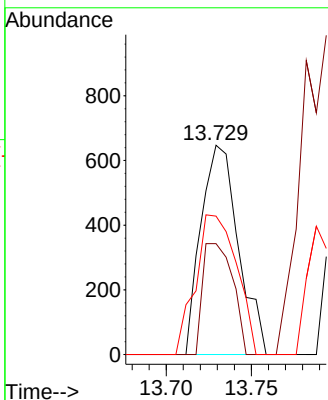
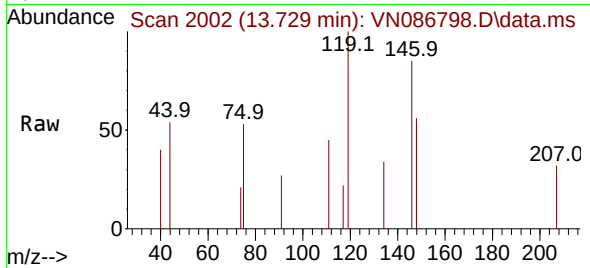
#87
1,3-Dichlorobenzene
Concen: 0.236 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Instrument : MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

Tgt Ion:146 Resp: 990
Ion Ratio Lower Upper
146 100
111 42.4 20.9 62.7
148 73.1 31.8 95.4

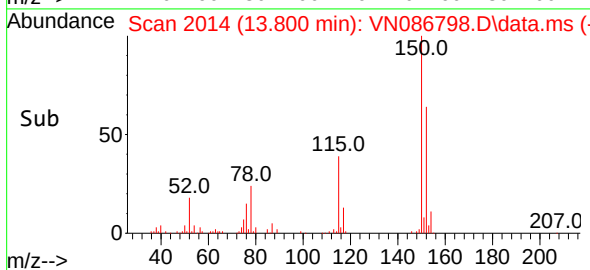
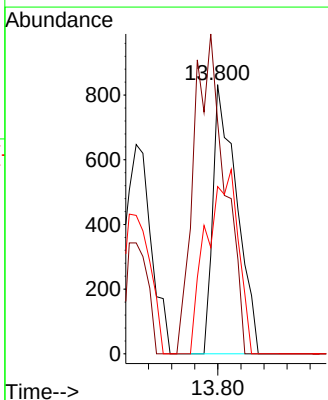
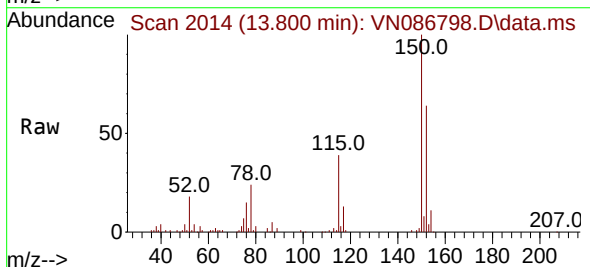
Manual Integrations
APPROVED

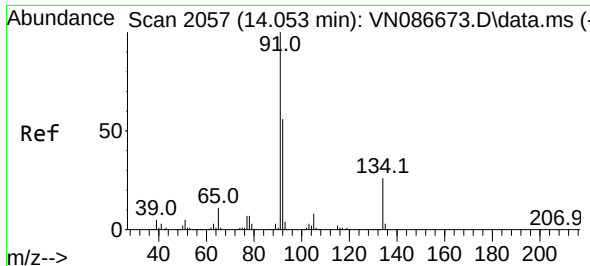
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#88
1,4-Dichlorobenzene
Concen: 0.285 ug/l m
RT: 13.800 min Scan# 2014
Delta R.T. -0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Tgt Ion:146 Resp: 1185
Ion Ratio Lower Upper
146 100
111 35.4 20.6 61.8
148 61.1 32.0 96.0





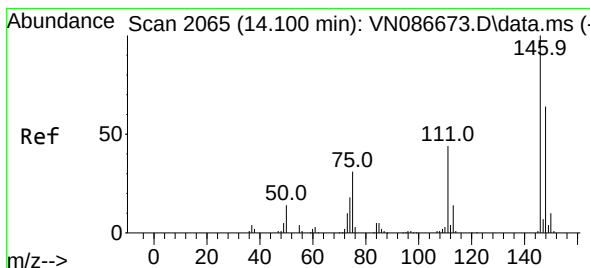
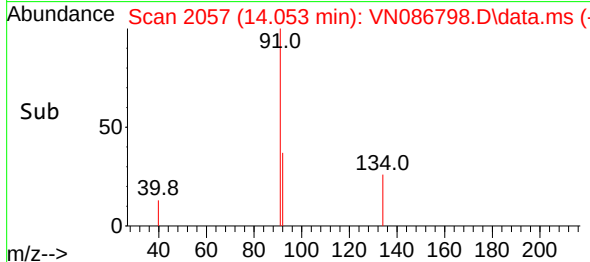
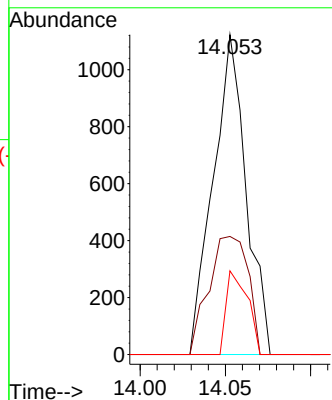
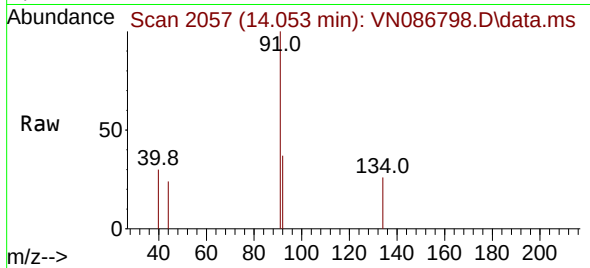
#89
n-Butylbenzene
Concen: 0.246 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025

Tgt Ion: 91	Resp: 1509
Ion Ratio	Lower Upper
91 100	
92 44.2	27.4 82.0
134 17.0	12.8 38.4

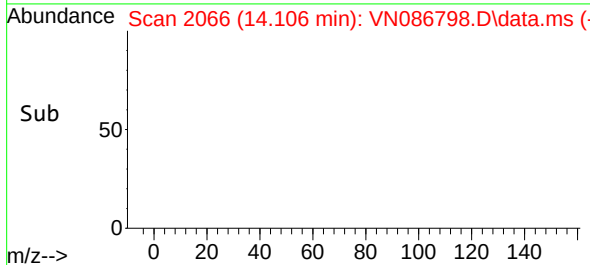
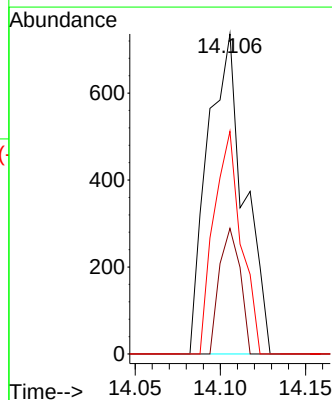
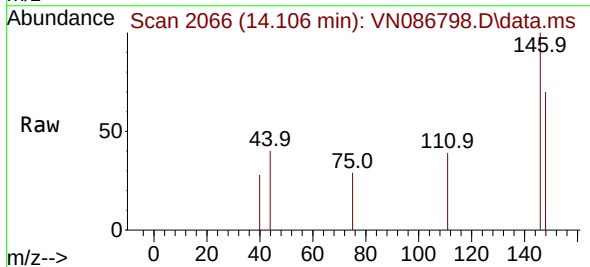
Manual Integrations
APPROVED

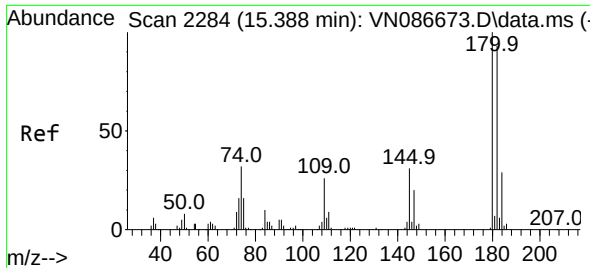
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#91
1,2-Dichlorobenzene
Concen: 0.275 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

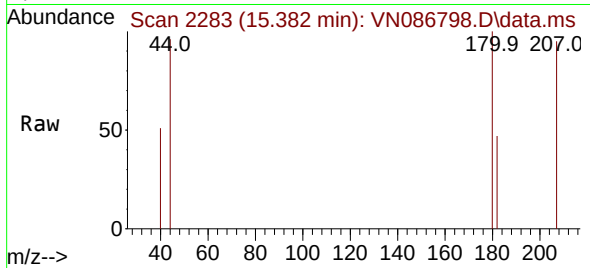
Tgt Ion:146	Resp: 1100
Ion Ratio	Lower Upper
146 100	
111 22.4	21.6 65.0
148 52.0	31.7 95.1





#93
1,2,4-Trichlorobenzene
Concen: 0.325 ug/l
RT: 15.382 min Scan# 2189
Delta R.T. -0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36

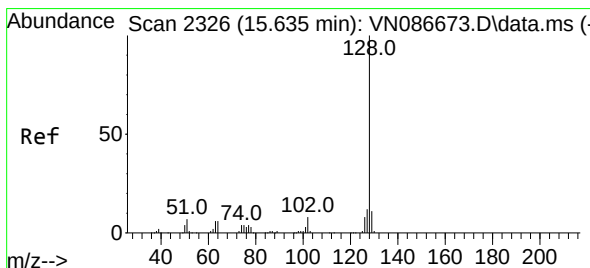
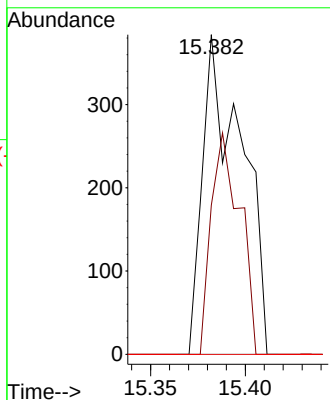
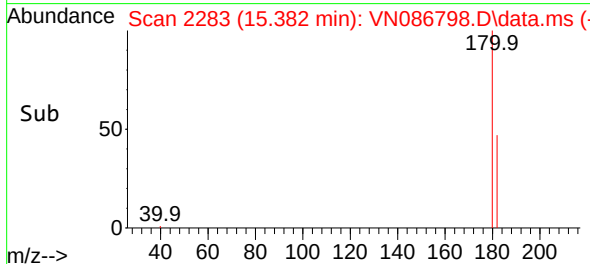
Instrument : MSVOA_N
ClientSampleId : MDL-WATER-03-QT2-2025



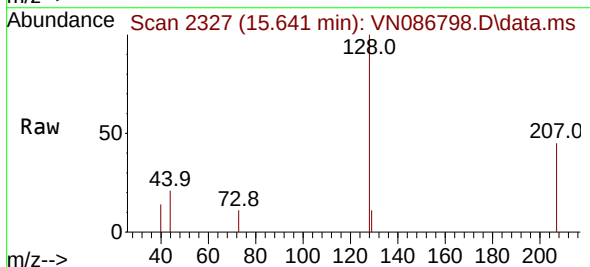
Tgt Ion:180 Resp: 549
Ion Ratio Lower Upper
180 100
182 51.2 47.1 141.3
145 0.0 15.6 46.8

Manual Integrations
APPROVED

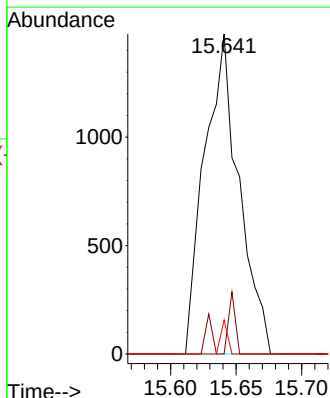
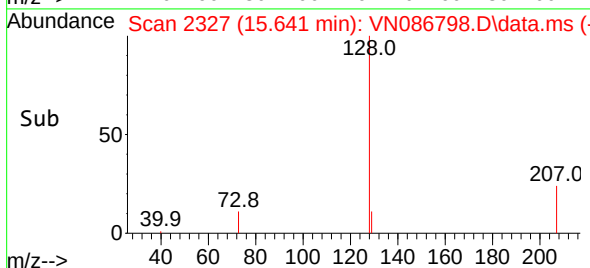
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

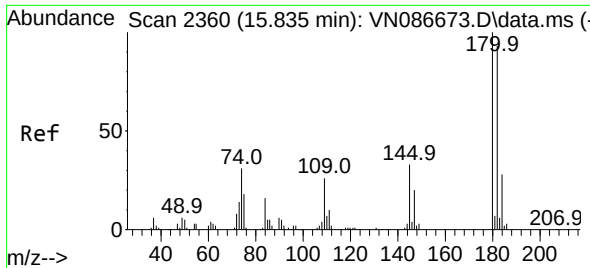


#95
Naphthalene
Concen: 0.461 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN086798.D
Acq: 28 May 2025 14:36



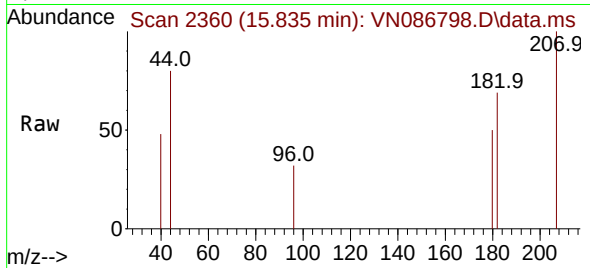
Tgt Ion:128 Resp: 2700
Ion Ratio Lower Upper
128 100
127 3.7 10.1 15.1#
129 2.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.097 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086798.D
 Acq: 28 May 2025 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2025



Tgt Ion:180 Resp: 163
 Ion Ratio Lower Upper
 180 100
 182 109.3 47.0 141.2
 145 0.0 16.7 50.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

