

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086786.D
 Acq On : 27 May 2025 16:07
 Operator : JC\MD
 Sample : Q2126-08 1.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Quant Time: May 29 01:51:24 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	216575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	388450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142314	47.554	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.100%		
35) Dibromofluoromethane	8.165	113	114455	49.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	10.565	98	485555	50.648	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.300%		
62) 4-Bromofluorobenzene	12.847	95	163597	48.329	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.660%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	2057	0.879	ug/l	77
3) Chloromethane	2.359	50	3893	1.100	ug/l	98
4) Vinyl Chloride	2.512	62	2963	0.933	ug/l #	88
5) Bromomethane	2.953	94	2319	1.266	ug/l	97
6) Chloroethane	3.124	64	1922	0.923	ug/l #	88
7) Trichlorofluoromethane	3.495	101	3824	1.007	ug/l #	74
8) Diethyl Ether	3.959	74	1680	1.071	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.359	101	2102m	0.925	ug/l	
10) Methyl Iodide	4.589	142	3100	1.096	ug/l #	88
11) Tert butyl alcohol	5.524	59	2030	3.724	ug/l #	73
12) 1,1-Dichloroethene	4.336	96	2391	0.990	ug/l	87
13) Acrolein	4.177	56	1738	2.983	ug/l	97
14) Allyl chloride	5.024	41	3869	1.058	ug/l	85
15) Acrylonitrile	5.730	53	6072	4.499	ug/l #	85
16) Acetone	4.424	43	5057	4.517	ug/l	90
17) Carbon Disulfide	4.712	76	7172	1.072	ug/l	97
18) Methyl Acetate	5.036	43	10314	3.292	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	7924	0.963	ug/l #	83
20) Methylene Chloride	5.283	84	2927	0.991	ug/l #	91
21) trans-1,2-Dichloroethene	5.777	96	2347	0.919	ug/l	89
22) Diisopropyl ether	6.665	45	7447	0.903	ug/l	95
23) Vinyl Acetate	6.594	43	16105	2.598	ug/l	98
24) 1,1-Dichloroethane	6.565	63	4846	1.001	ug/l #	82
25) 2-Butanone	7.488	43	7506	4.339	ug/l #	88
26) 2,2-Dichloropropane	7.483	77	3893	0.974	ug/l	92
27) cis-1,2-Dichloroethene	7.488	96	3059	0.976	ug/l	93
28) Bromochloromethane	7.806	49	2146	0.975	ug/l #	97
29) Tetrahydrofuran	7.847	42	4967	4.399	ug/l	97
30) Chloroform	7.971	83	4592	0.947	ug/l	98
31) Cyclohexane	8.224	56	8276m	1.843	ug/l	
32) 1,1,1-Trichloroethane	8.165	97	4182	1.023	ug/l #	41
36) 1,1-Dichloropropene	8.371	75	3343	0.980	ug/l	96
37) Ethyl Acetate	7.565	43	2987	0.867	ug/l #	84
38) Carbon Tetrachloride	8.353	117	3410	1.014	ug/l	91
39) Methylcyclohexane	9.600	83	3654	0.989	ug/l	92
40) Benzene	8.606	78	11465	1.030	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	1436	0.772	ug/l #	48
42) 1,2-Dichloroethane	8.671	62	3623	1.045	ug/l	98
43) Isopropyl Acetate	8.683	43	8921	1.291	ug/l #	85
44) Trichloroethene	9.347	130	3280	1.222	ug/l	95
45) 1,2-Dichloropropane	9.624	63	2500	0.945	ug/l	92
46) Dibromomethane	9.706	93	1734	0.972	ug/l	96
47) Bromodichloromethane	9.888	83	3743	1.018	ug/l #	96
48) Methyl methacrylate	9.682	41	2245	0.838	ug/l	96
49) 1,4-Dioxane	9.694	88	871	15.362	ug/l #	87
51) 4-Methyl-2-Pentanone	10.441	43	14978	4.298	ug/l	98
52) Toluene	10.629	92	7232	1.045	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	3613	0.928	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	4218	0.993	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	2456	0.952	ug/l #	85
56) Ethyl methacrylate	10.871	69	3778	0.912	ug/l #	90
57) 1,3-Dichloropropane	11.159	76	4327	0.973	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	7911	4.272	ug/l	98
59) 2-Hexanone	11.194	43	10346	4.066	ug/l	97
60) Dibromochloromethane	11.359	129	2804	1.037	ug/l	94
61) 1,2-Dibromoethane	11.471	107	2380	0.918	ug/l	91
64) Tetrachloroethene	11.100	164	3869	1.490	ug/l	90
65) Chlorobenzene	11.888	112	7800	1.049	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.959	131	2343	0.976	ug/l #	62
67) Ethyl Benzene	11.959	91	12340	0.969	ug/l	93
68) m/p-Xylenes	12.065	106	9399	1.949	ug/l	94
69) o-Xylene	12.394	106	4507	0.940	ug/l	98
70) Styrene	12.406	104	7392	0.942	ug/l	95
71) Bromoform	12.570	173	1834	1.075	ug/l #	94
73) Isopropylbenzene	12.694	105	9863	0.889	ug/l	97
74) N-amyl acetate	12.494	43	3750	0.809	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	2293	0.673	ug/l	94
76) 1,2,3-Trichloropropane	12.982	75	3532m	1.088	ug/l	
77) Bromobenzene	12.976	156	2678	0.960	ug/l	89
78) n-propylbenzene	13.029	91	11645	0.915	ug/l	98
79) 2-Chlorotoluene	13.123	91	8432	1.019	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	7940	0.894	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.729	75	886m	0.689	ug/l	
82) 4-Chlorotoluene	13.218	91	8255	1.007	ug/l	98
83) tert-Butylbenzene	13.435	119	7171	0.925	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	7720	0.873	ug/l	97
85) sec-Butylbenzene	13.612	105	9662	0.930	ug/l	95
86) p-Isopropyltoluene	13.729	119	7412	0.870	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	5229	1.082	ug/l	94
88) 1,4-Dichlorobenzene	13.806	146	5011m	1.047	ug/l	
89) n-Butylbenzene	14.053	91	6525	0.924	ug/l	97
90) Hexachloroethane	14.329	117	1348	0.954	ug/l	88
91) 1,2-Dichlorobenzene	14.100	146	5096	1.109	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.712	75	409	0.725	ug/l	78
93) 1,2,4-Trichlorobenzene	15.388	180	2090	1.078	ug/l	87
94) Hexachlorobutadiene	15.494	225	921	1.145	ug/l	87
95) Naphthalene	15.635	128	7324	1.088	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	1916	1.009	ug/l	96

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ClientSampleId :
LOQ-WATER-02-QT2-2025

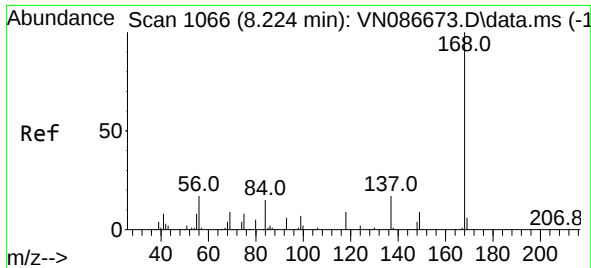
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/29/2025

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Quant Title : SW846 8260
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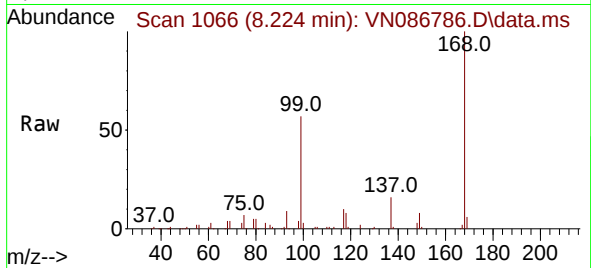
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

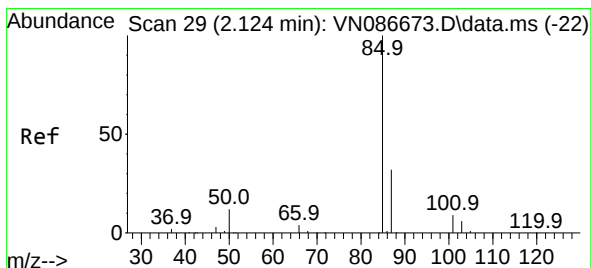
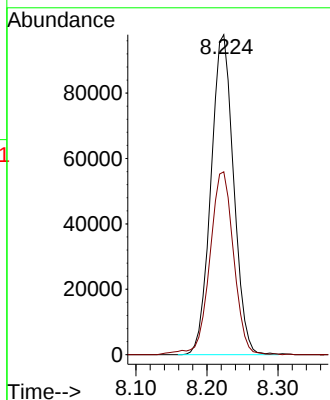
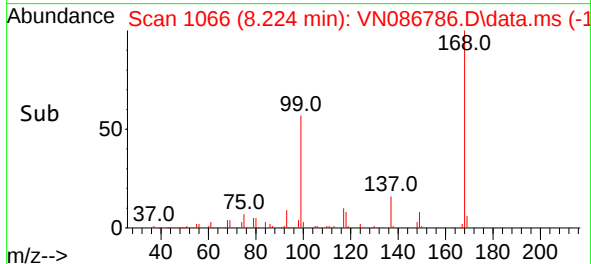
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:168 Resp: 21657
Ion Ratio Lower Upper
168 100
99 57.0 47.0 70.4

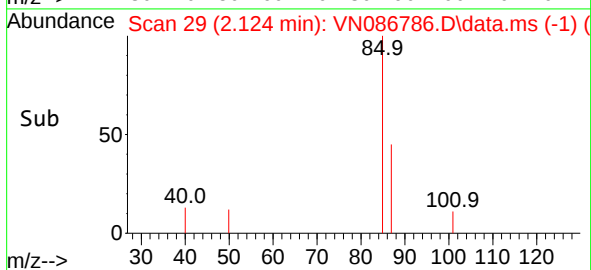
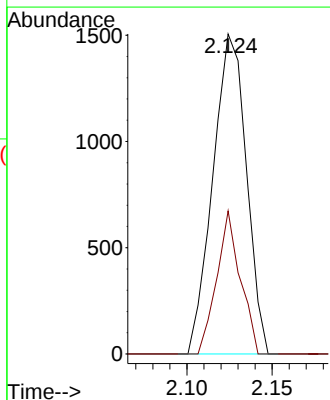
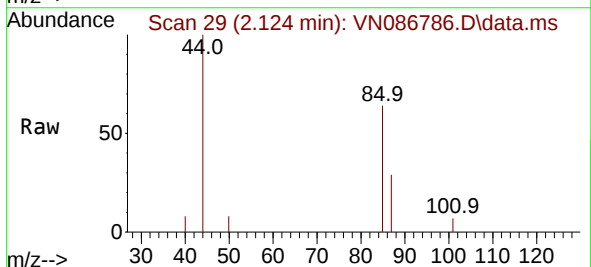
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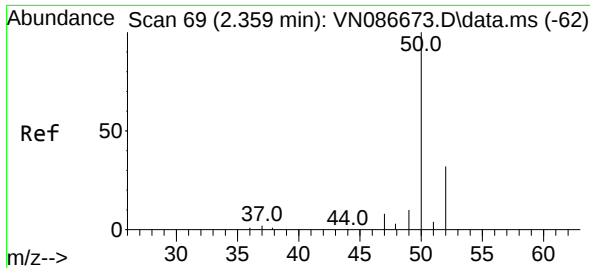
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#2
Dichlorodifluoromethane
Concen: 0.879 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

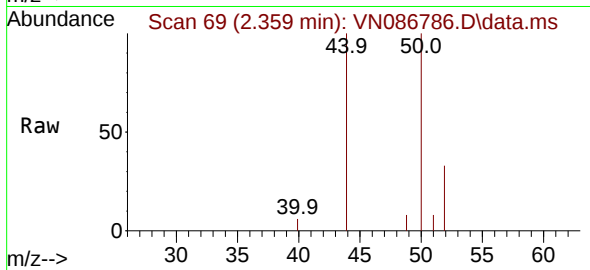
Tgt Ion: 85 Resp: 2057
Ion Ratio Lower Upper
85 100
87 44.7 15.9 47.6





#3
Chloromethane
Concen: 1.100 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

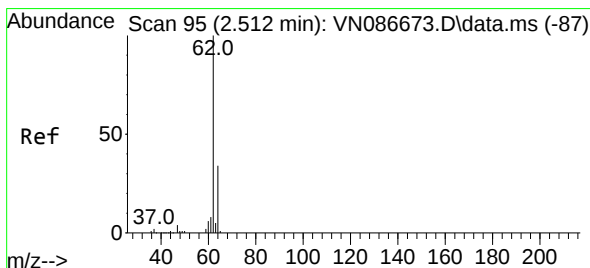
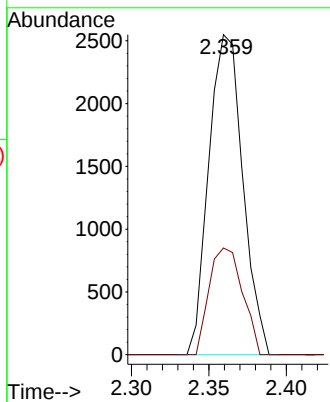
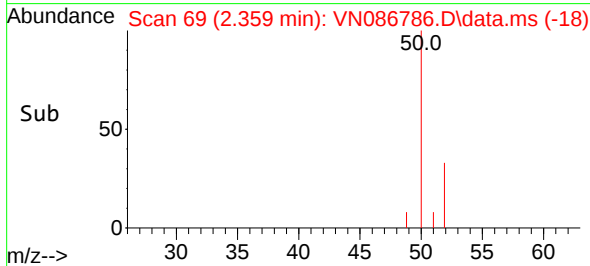
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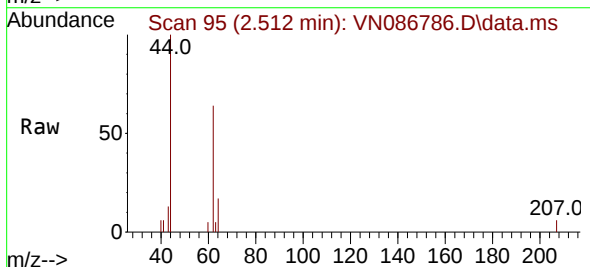
Tgt Ion: 50 Resp: 389
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

Manual Integrations
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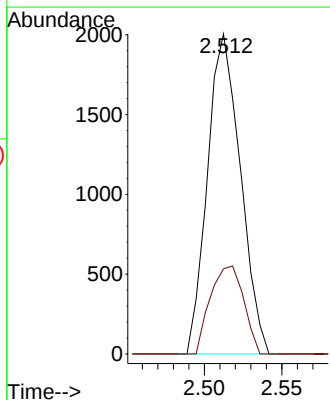
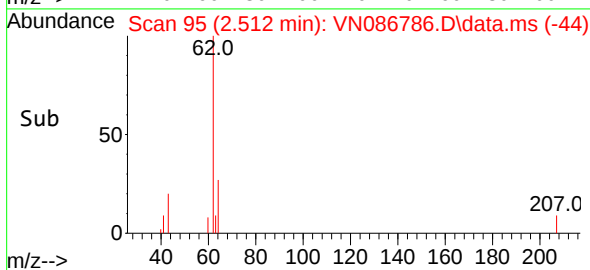
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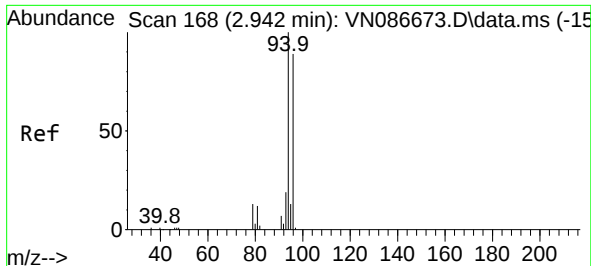


#4
Vinyl Chloride
Concen: 0.933 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07



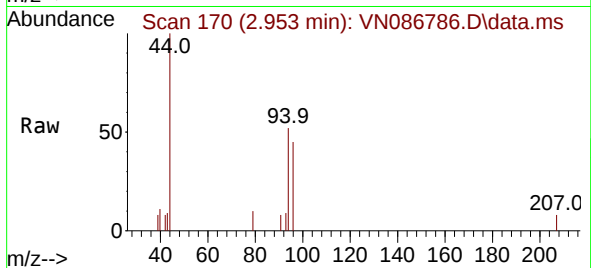
Tgt Ion: 62 Resp: 2963
Ion Ratio Lower Upper
62 100
64 26.6 26.9 40.3#





#5
Bromomethane
Concen: 1.266 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

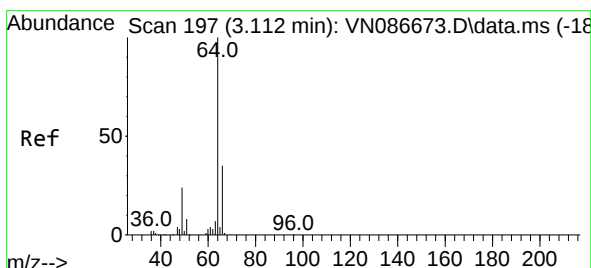
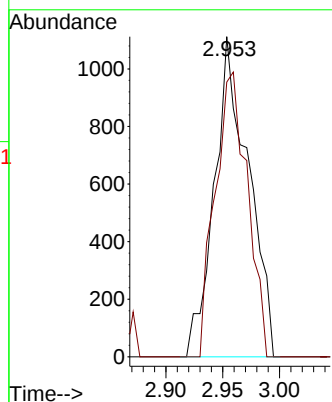
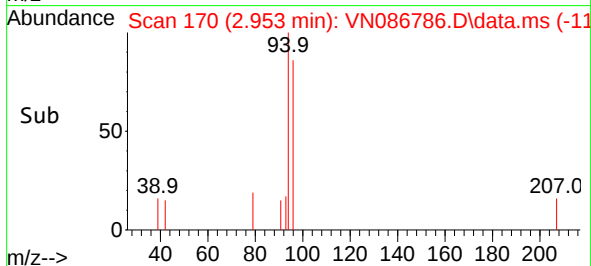
Instrument :
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Tgt Ion: 94 Resp: 2319
Ion Ratio Lower Upper
94 100
96 85.8 71.2 106.8

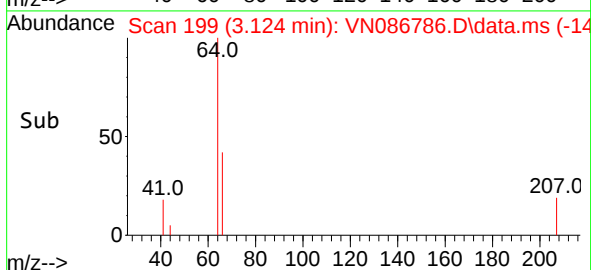
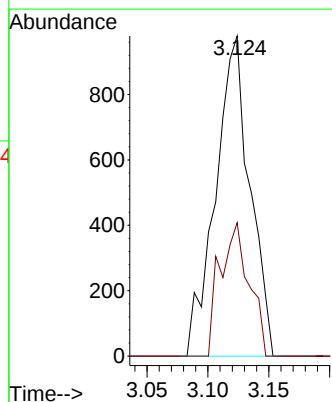
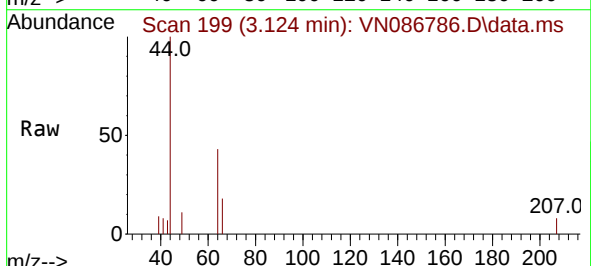
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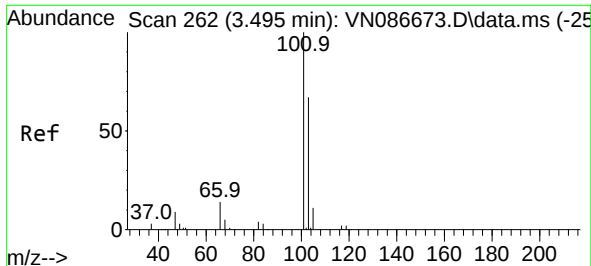
Reviewed By :John Carlone 05/29/2025
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#6
Chloroethane
Concen: 0.923 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Tgt Ion: 64 Resp: 1922
Ion Ratio Lower Upper
64 100
66 41.7 27.7 41.5#





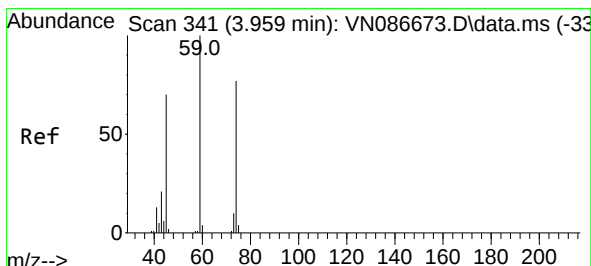
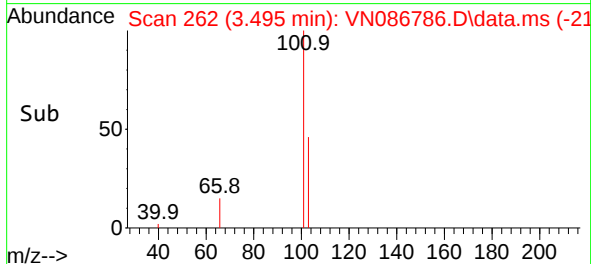
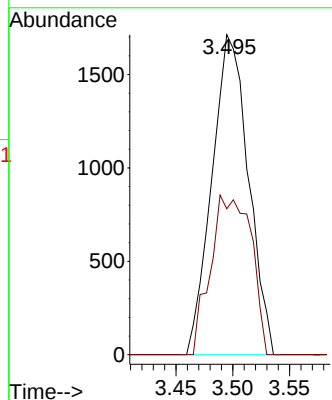
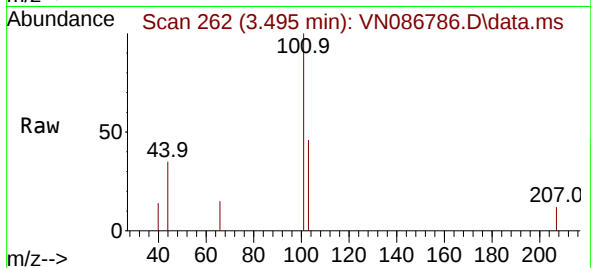
#7
 Trichlorofluoromethane
 Concen: 1.007 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN086786.D
 Acq: 27 May 2025 16:07

Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Tgt Ion:101 Resp: 3824
 Ion Ratio Lower Upper
 101 100
 103 45.6 53.4 80.0

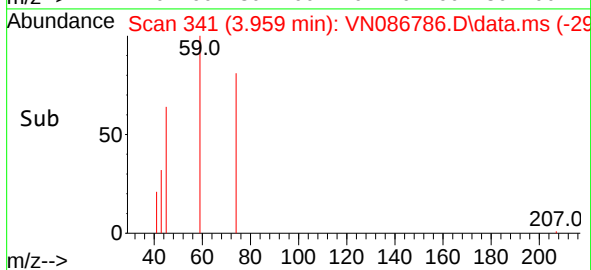
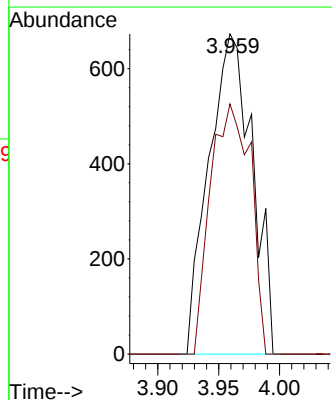
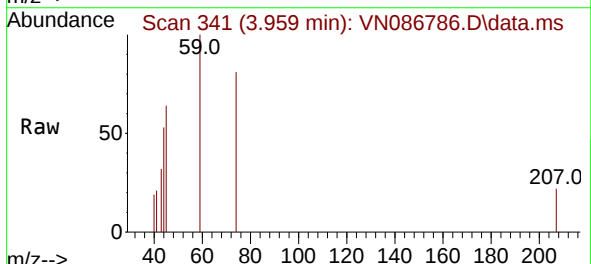
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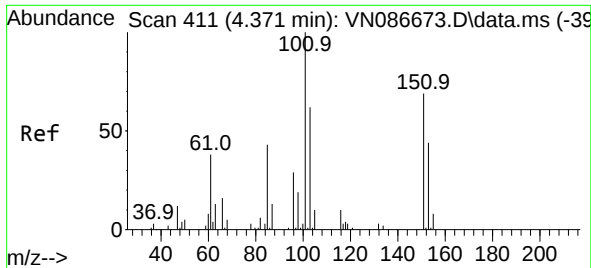
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#8
 Diethyl Ether
 Concen: 1.071 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086786.D
 Acq: 27 May 2025 16:07

Tgt Ion: 74 Resp: 1680
 Ion Ratio Lower Upper
 74 100
 45 71.9 45.0 135.0





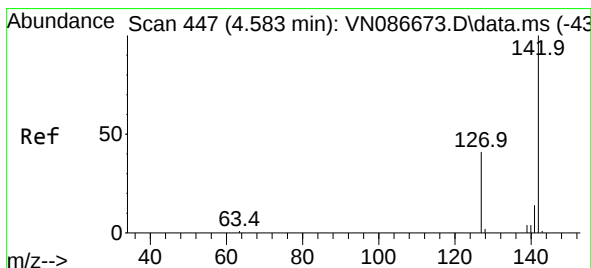
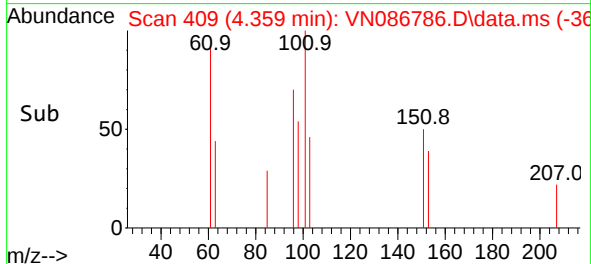
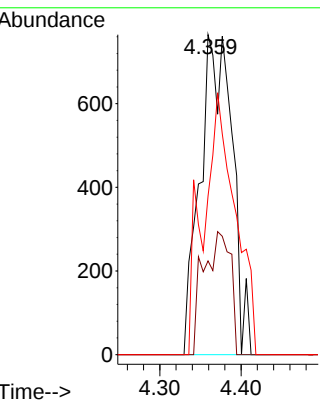
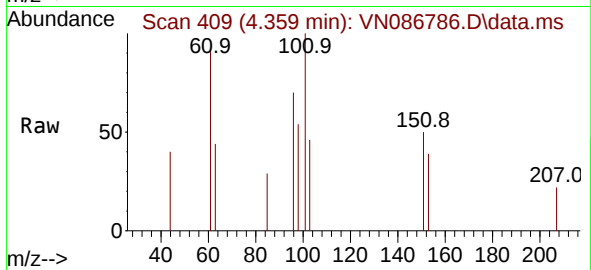
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.925 ug/l m
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion:101 Resp: 210
Ion Ratio Lower Upper
101 100
85 32.3 35.0 52.6
151 64.9 58.1 87.1

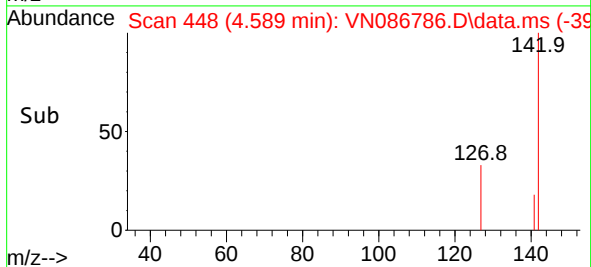
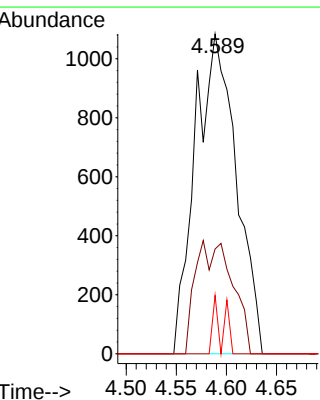
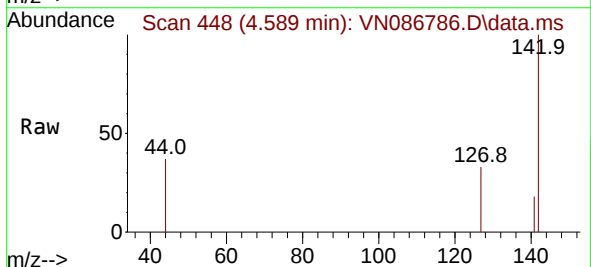
Manual Integrations
APPROVED

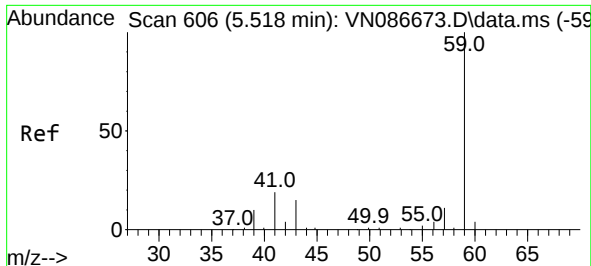
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 1.096 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

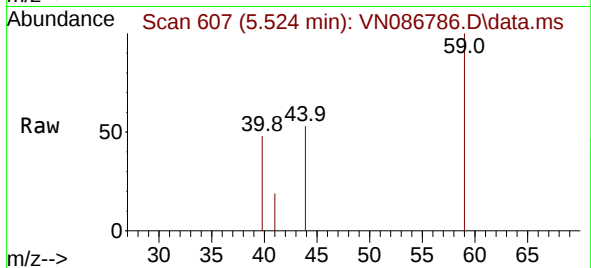
Tgt Ion:142 Resp: 3100
Ion Ratio Lower Upper
142 100
127 32.7 32.4 48.6
141 18.3 11.4 17.2#





#11
Tert butyl alcohol
Concen: 3.724 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

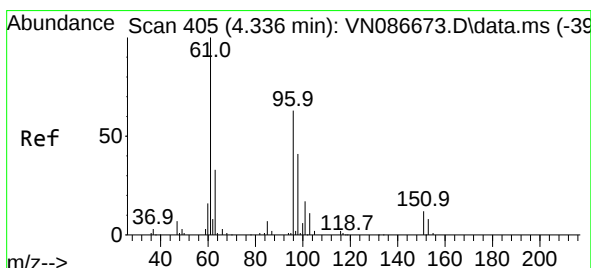
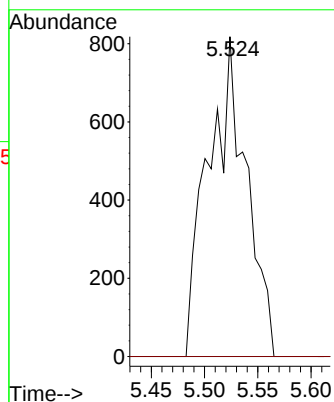
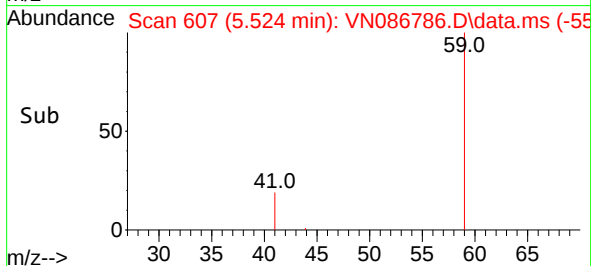
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 59 Resp: 2030
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

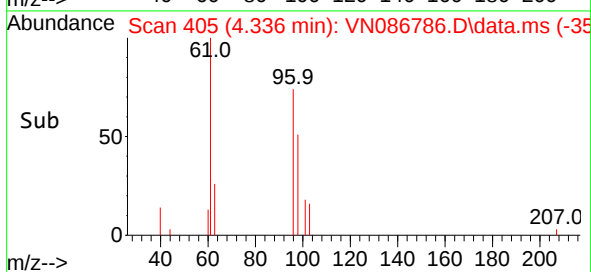
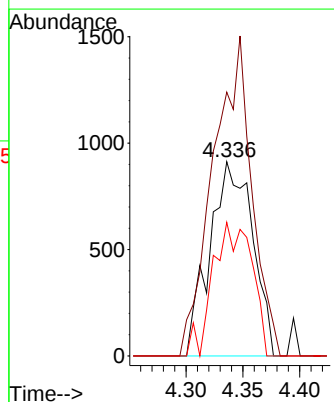
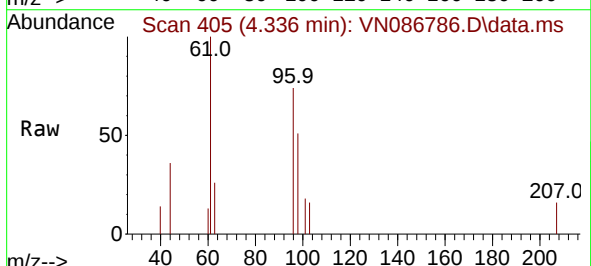
Manual Integrations
APPROVED

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



#12
1,1-Dichloroethene
Concen: 0.990 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

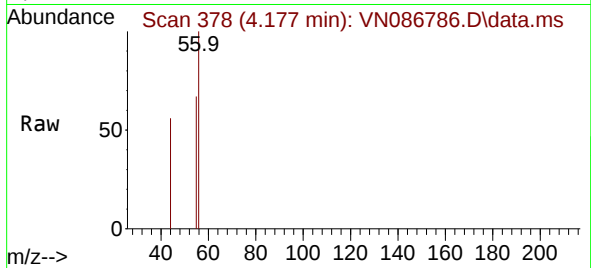
Tgt Ion: 96 Resp: 2391
Ion Ratio Lower Upper
96 100
61 135.8 126.2 189.2
98 68.8 51.5 77.3





#13
Acrolein
Concen: 2.983 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

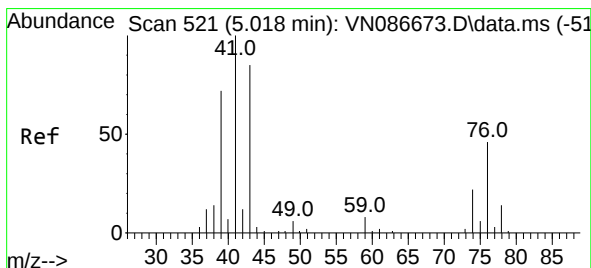
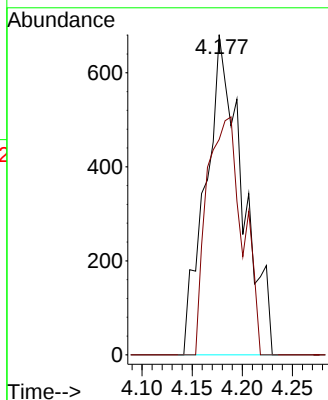
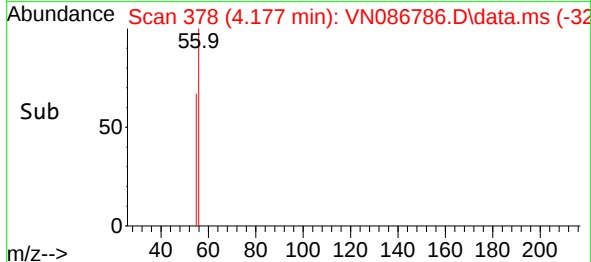
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 56 Resp: 1738
Ion Ratio Lower Upper
56 100
55 71.9 55.7 83.5

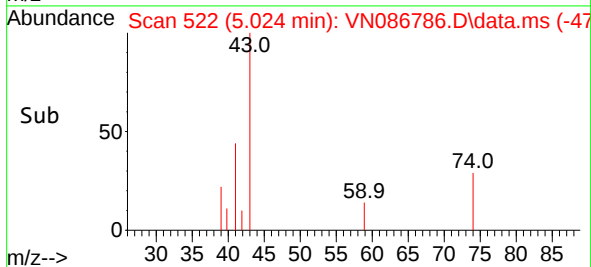
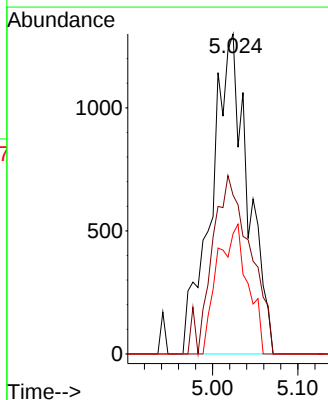
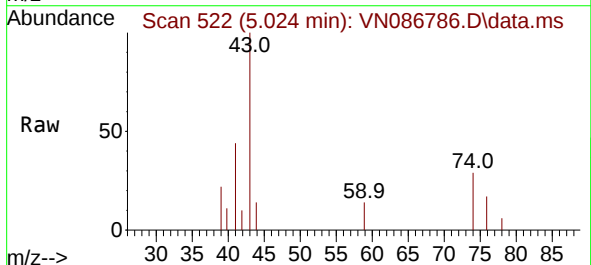
Manual Integrations
APPROVED

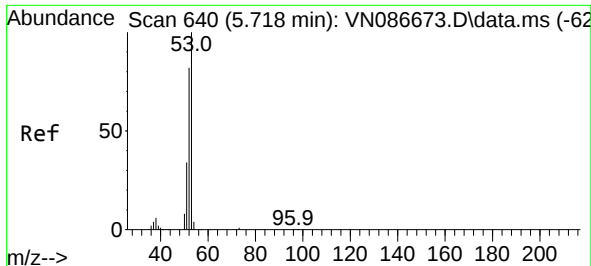
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#14
Allyl chloride
Concen: 1.058 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

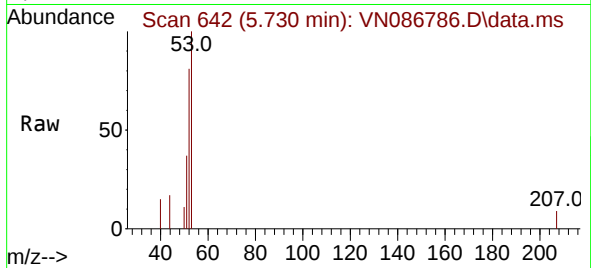
Tgt Ion: 41 Resp: 3869
Ion Ratio Lower Upper
41 100
39 58.4 57.4 86.0
76 33.9 33.2 49.8





#15
Acrylonitrile
Concen: 4.499 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

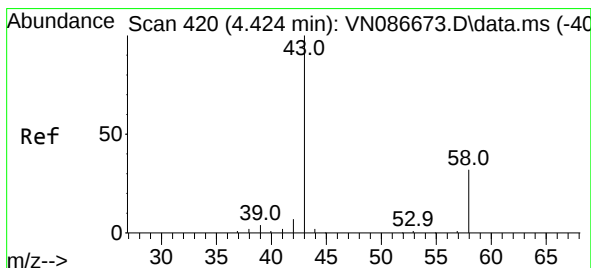
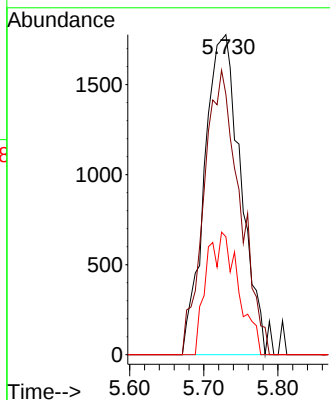
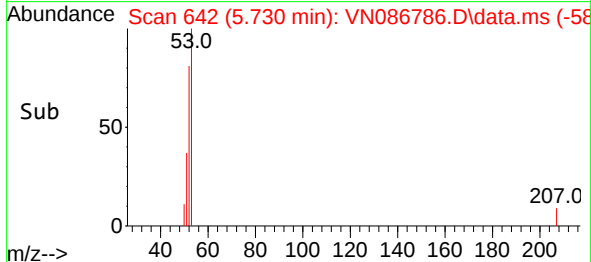
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 53 Resp: 6072
Ion Ratio Lower Upper
53 100
52 87.3 65.4 98.2
51 13.4 27.9 41.9

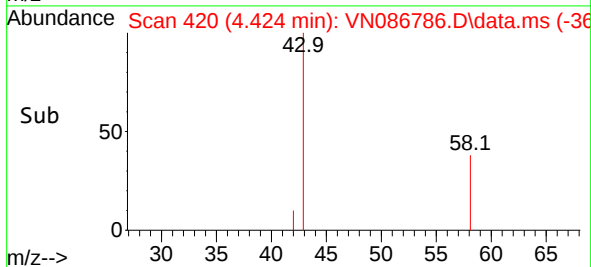
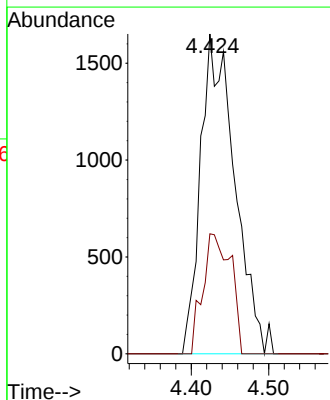
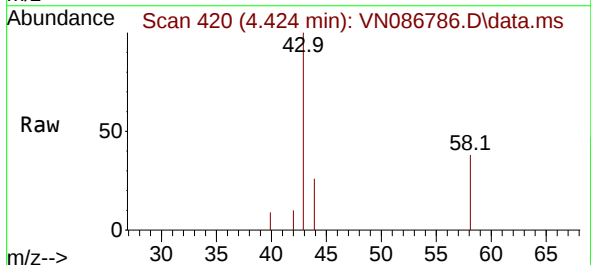
Manual Integrations
APPROVED

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



#16
Acetone
Concen: 4.517 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

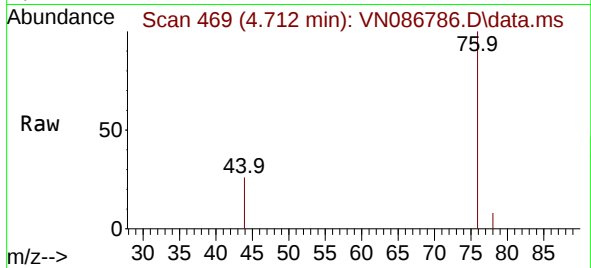
Tgt Ion: 43 Resp: 5057
Ion Ratio Lower Upper
43 100
58 37.6 25.8 38.6





#17
Carbon Disulfide
Concen: 1.072 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

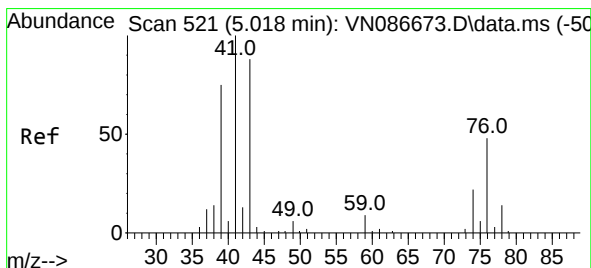
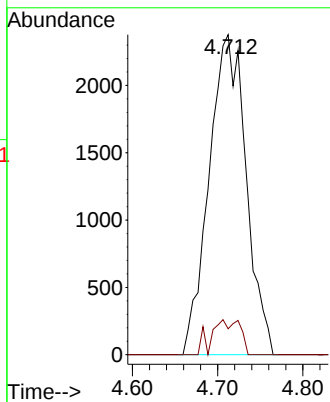
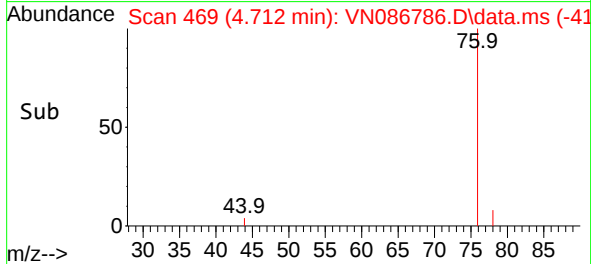
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



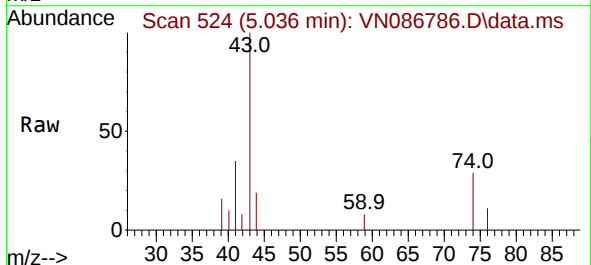
Tgt Ion: 76 Resp: 7172
Ion Ratio Lower Upper
76 100
78 8.1 7.3 10.9

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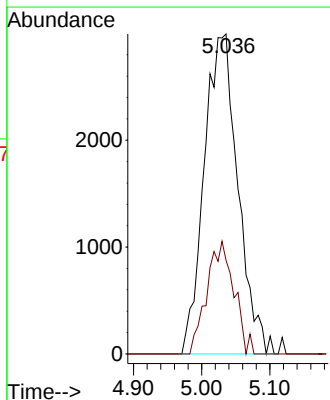
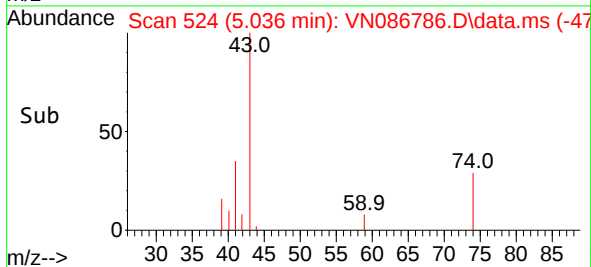
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

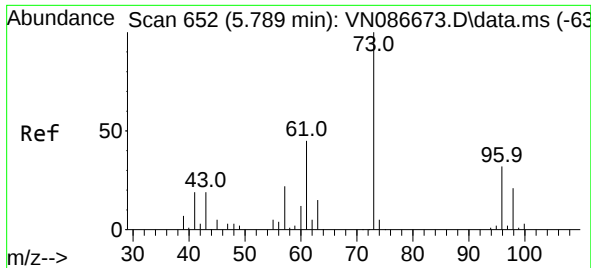


#18
Methyl Acetate
Concen: 3.292 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07



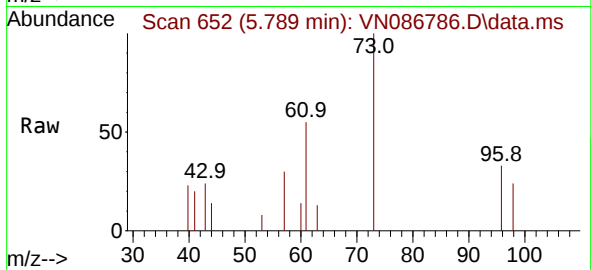
Tgt Ion: 43 Resp: 10314
Ion Ratio Lower Upper
43 100
74 28.2 20.5 30.7





#19
Methyl tert-butyl Ether
Concen: 0.963 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

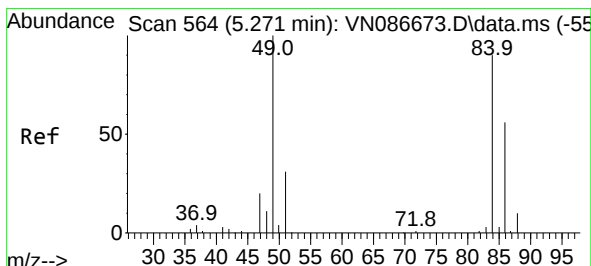
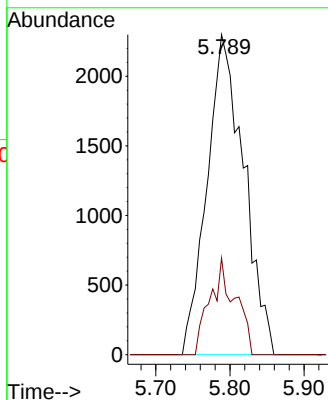
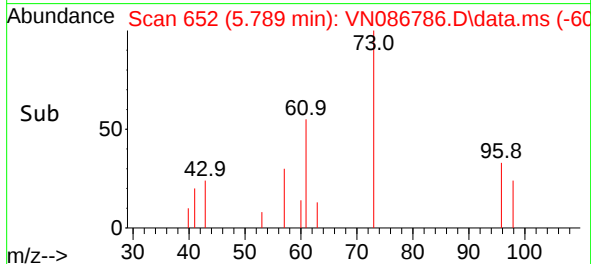
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



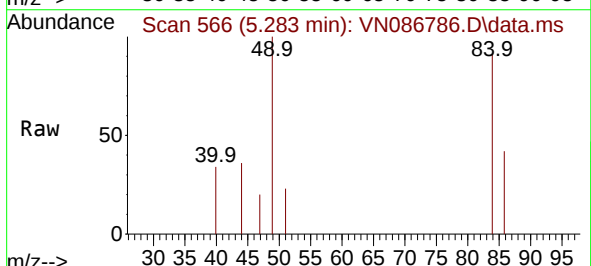
Tgt Ion: 73 Resp: 7924
Ion Ratio Lower Upper
73 100
57 30.2 17.7 26.5

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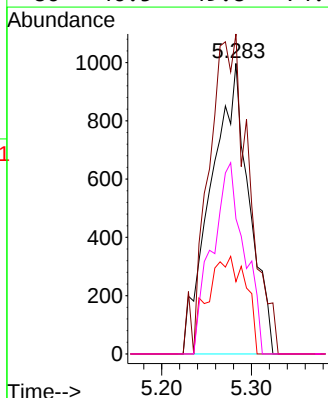
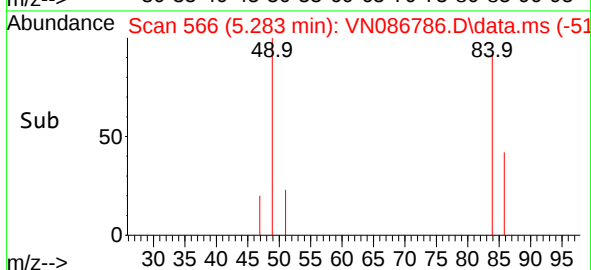
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

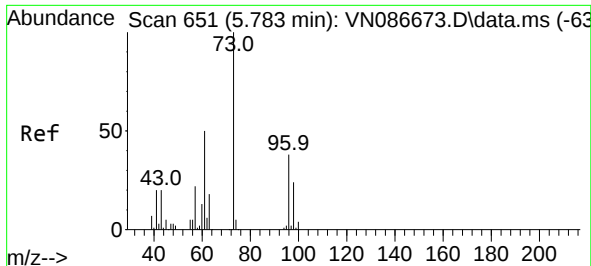


#20
Methylene Chloride
Concen: 0.991 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07



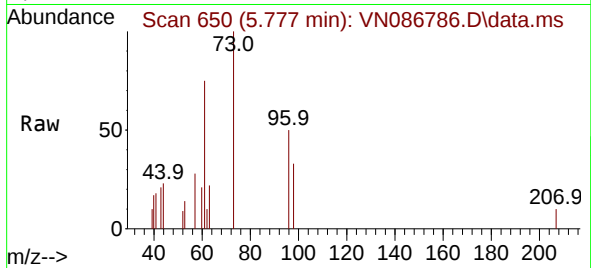
Tgt Ion: 84 Resp: 2927
Ion Ratio Lower Upper
84 100
49 110.1 88.8 133.2
51 24.9 27.8 41.6#
86 46.5 49.8 74.6#





#21
trans-1,2-Dichloroethene
Concen: 0.919 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

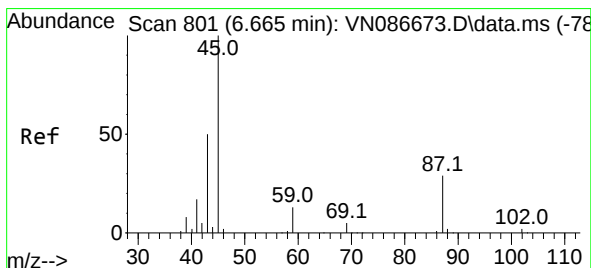
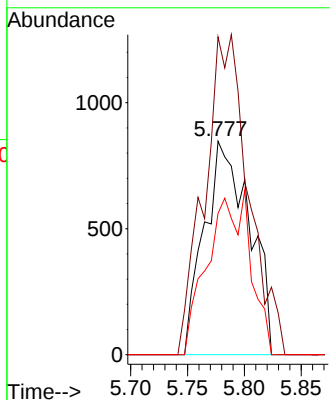
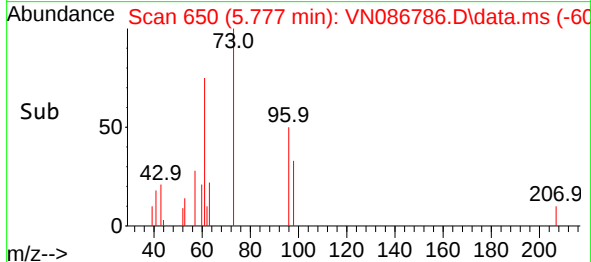
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 96 Resp: 234
Ion Ratio Lower Upper
96 100
61 148.9 105.7 158.5
98 66.2 51.0 76.6

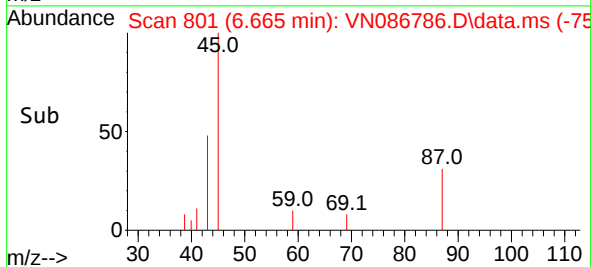
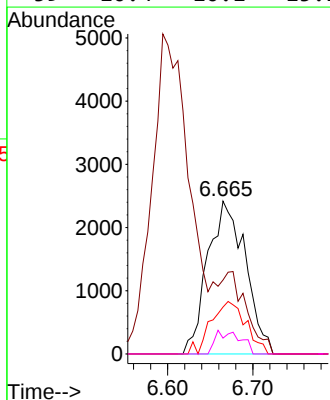
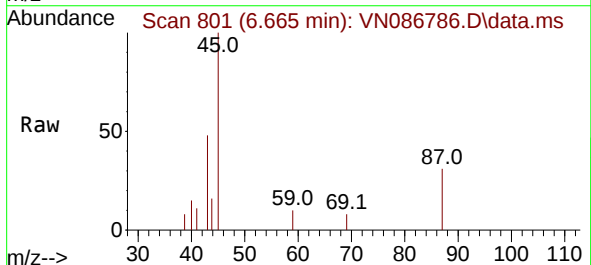
Manual Integrations
APPROVED

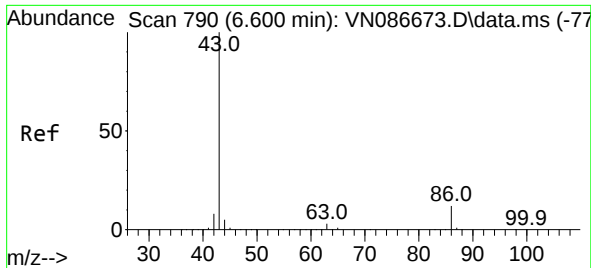
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#22
Diisopropyl ether
Concen: 0.903 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Tgt Ion: 45 Resp: 7447
Ion Ratio Lower Upper
45 100
43 48.4 41.4 62.2
87 30.7 22.9 34.3
59 10.4 10.1 15.1





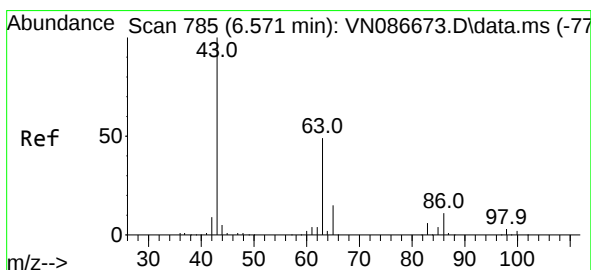
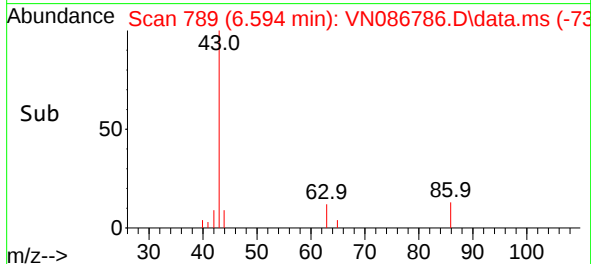
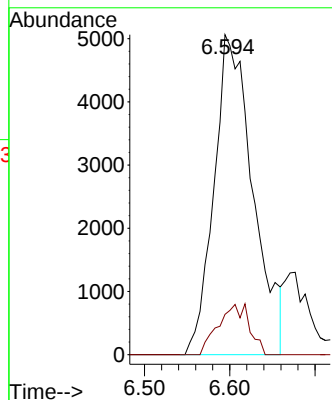
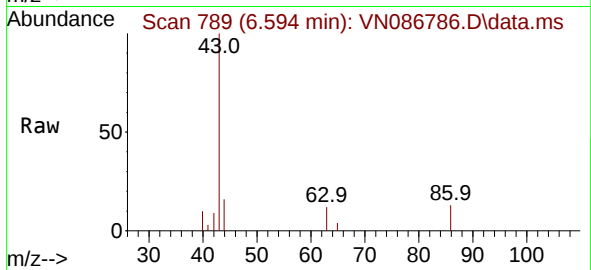
#23
 Vinyl Acetate
 Concen: 2.598 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN086786.D
 Acq: 27 May 2025 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 1610
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.5 14.3

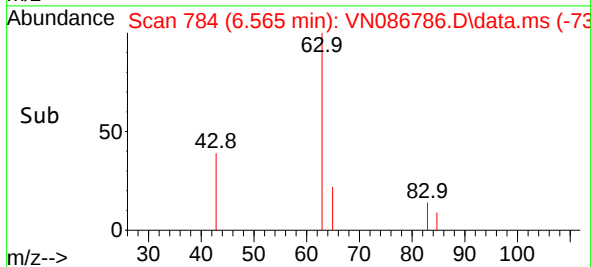
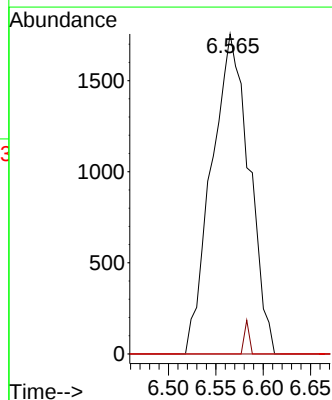
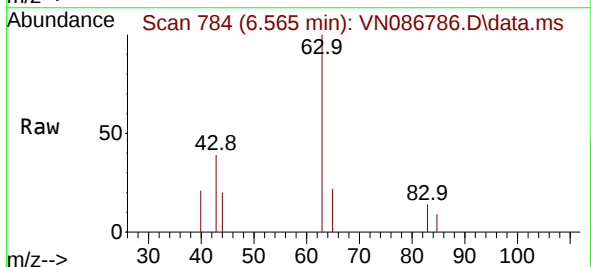
Manual Integrations
 APPROVED

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



#24
 1,1-Dichloroethane
 Concen: 1.001 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086786.D
 Acq: 27 May 2025 16:07

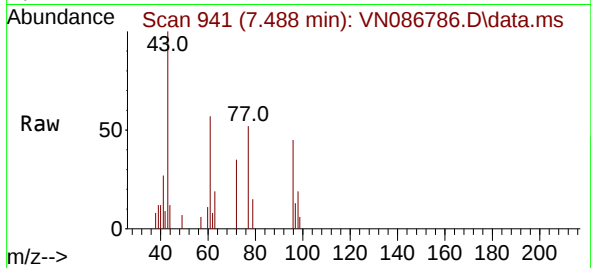
Tgt Ion: 63 Resp: 4846
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.4 7.1#





#25
2-Butanone
Concen: 4.339 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

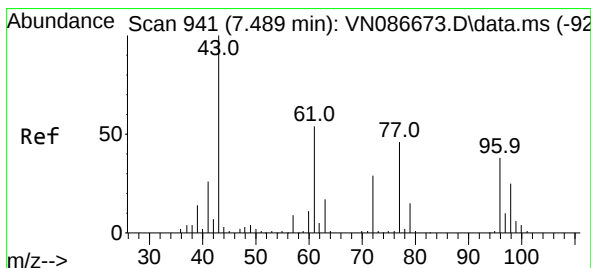
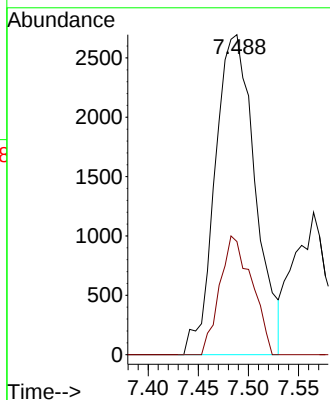
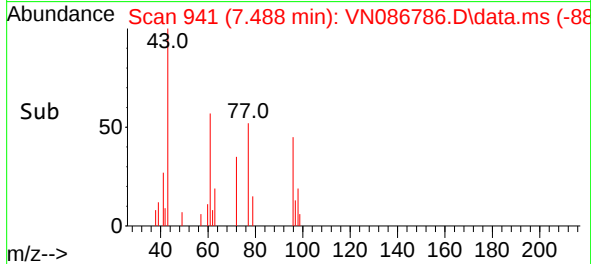
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 7500
Ion Ratio Lower Upper
43 100
72 35.3 23.1 34.7

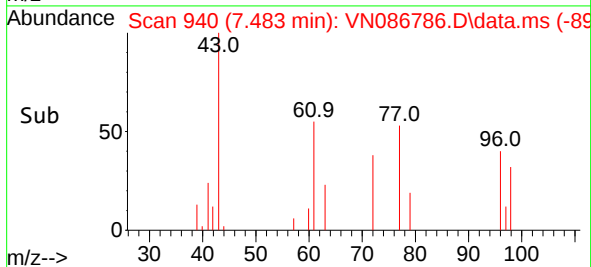
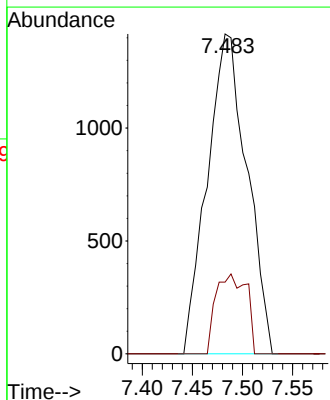
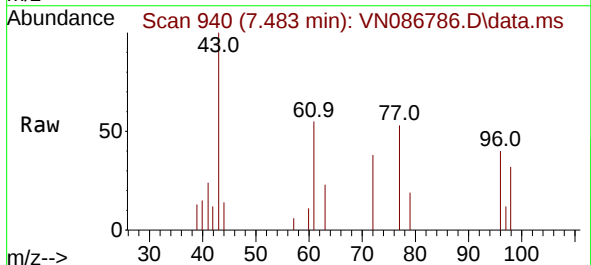
Manual Integrations
APPROVED

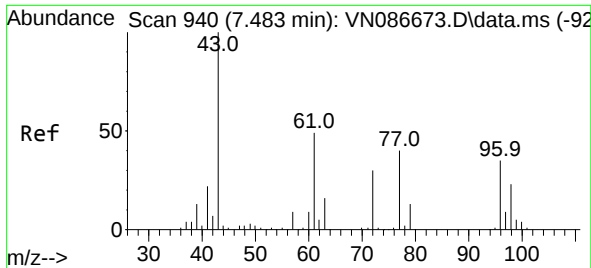
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#26
2,2-Dichloropropane
Concen: 0.974 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

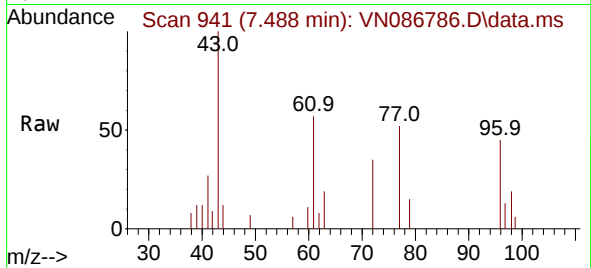
Tgt Ion: 77 Resp: 3893
Ion Ratio Lower Upper
77 100
97 19.2 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 0.976 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086786.D
 Acq: 27 May 2025 16:07

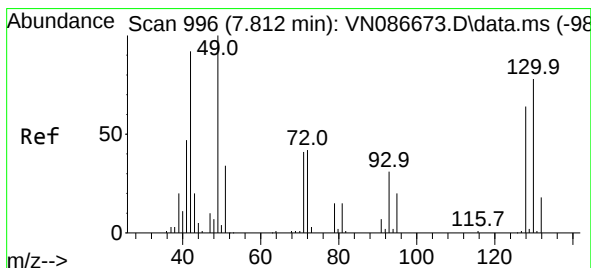
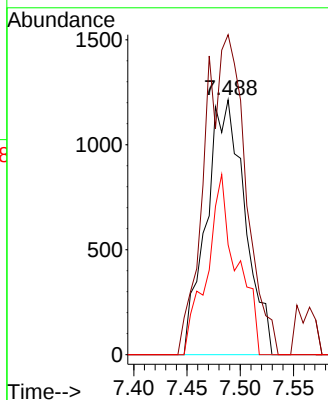
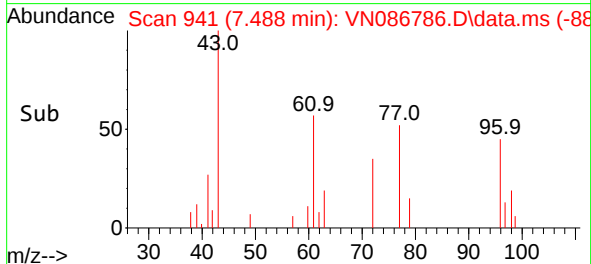
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion: 96 Resp: 3059
 Ion Ratio Lower Upper
 96 100
 61 134.1 0.0 277.4
 98 54.8 0.0 129.6

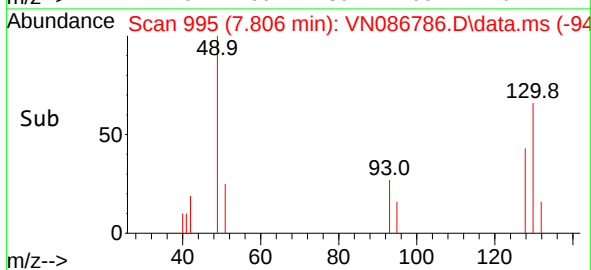
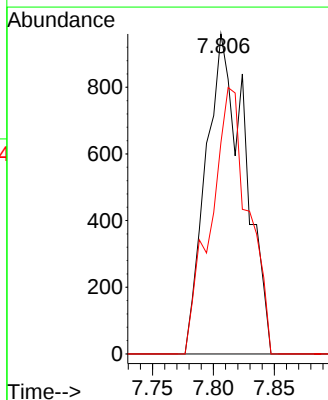
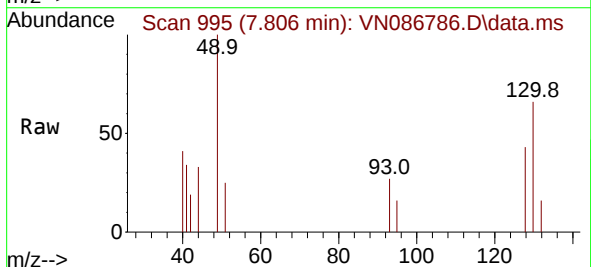
Manual Integrations
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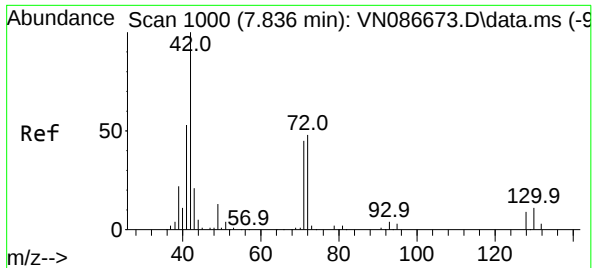
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#28
 Bromochloromethane
 Concen: 0.975 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN086786.D
 Acq: 27 May 2025 16:07

Tgt Ion: 49 Resp: 2146
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 80.5 62.2 93.4





#29

Tetrahydrofuran

Concen: 4.399 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VN086786.D

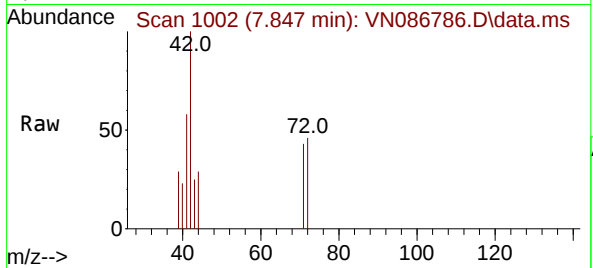
Acq: 27 May 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025



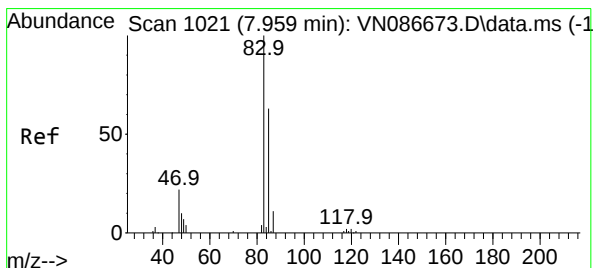
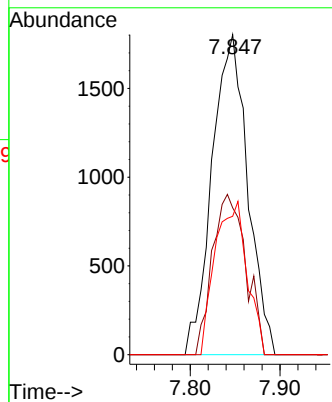
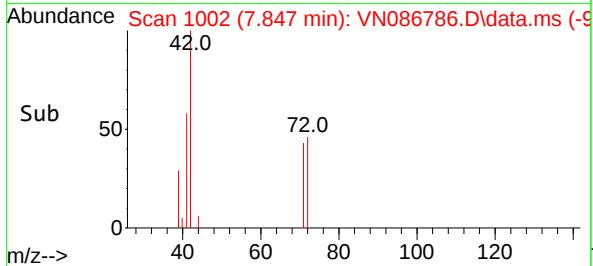
Tgt Ion:	42	Resp:	496
Ion Ratio	100	Lower	Upper
42	100		
72	47.1	38.7	58.1
71	42.8	36.2	54.4

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#30

Chloroform

Concen: 0.947 ug/l

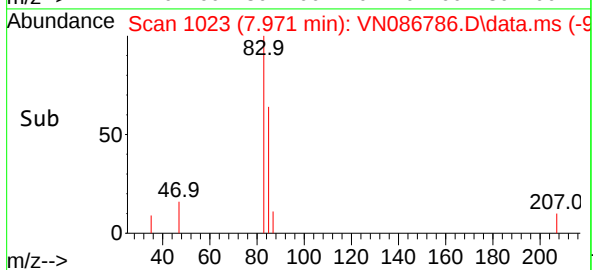
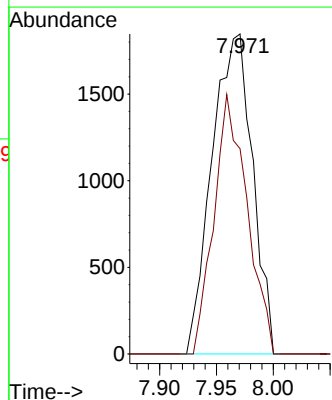
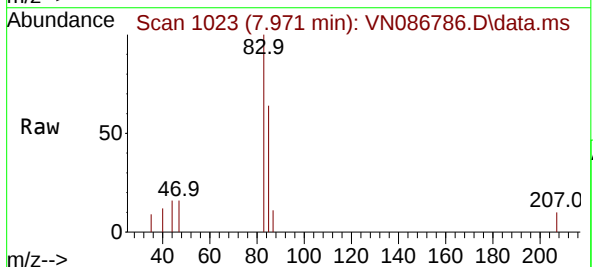
RT: 7.971 min Scan# 1023

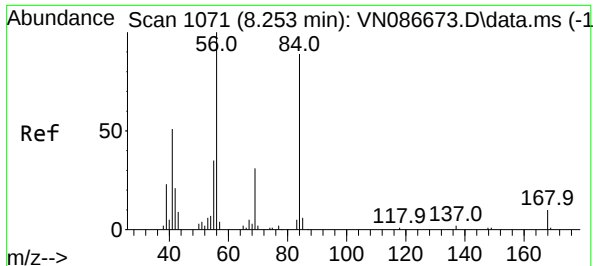
Delta R.T. 0.012 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

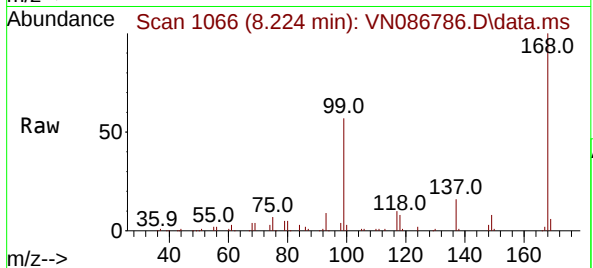
Tgt Ion:	83	Resp:	4592
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	50.2	75.4





#31
Cyclohexane
Concen: 1.843 ug/l m
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

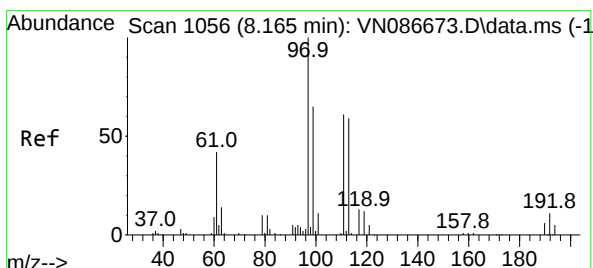
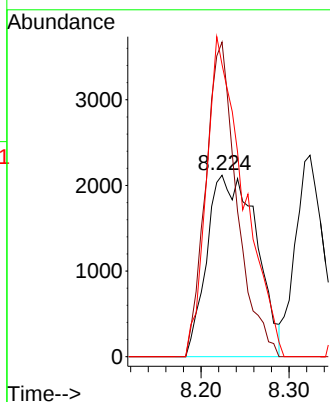
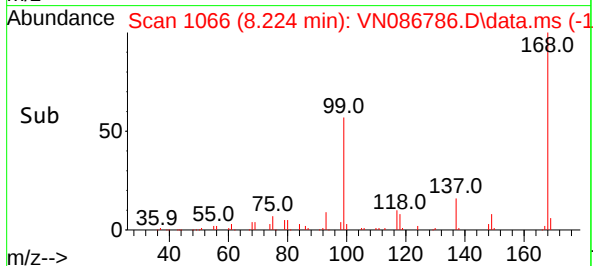
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 56 Resp: 8270
Ion Ratio Lower Upper
56 100
69 173.4 25.0 37.6
84 161.0 71.0 106.4

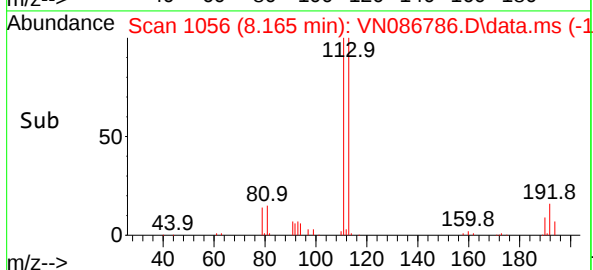
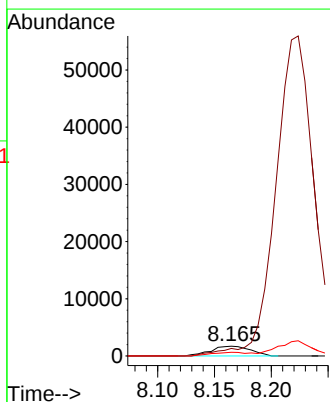
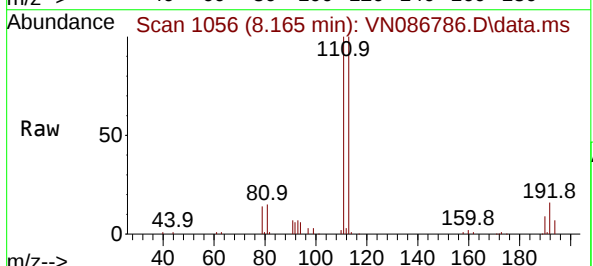
Manual Integrations
APPROVED

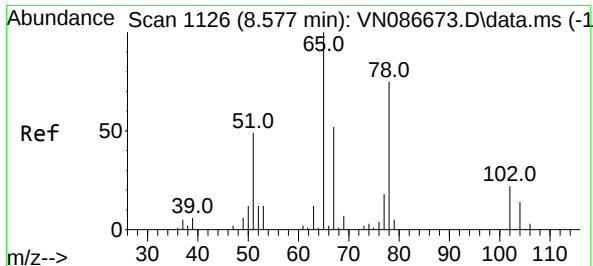
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#32
1,1,1-Trichloroethane
Concen: 1.023 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Tgt Ion: 97 Resp: 4182
Ion Ratio Lower Upper
97 100
99 0.0 52.6 79.0#
61 29.7 37.7 56.5#





#33

1,2-Dichloroethane-d4

Concen: 47.554 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 65 Resp: 142314

Ion Ratio Lower Upper

65 100

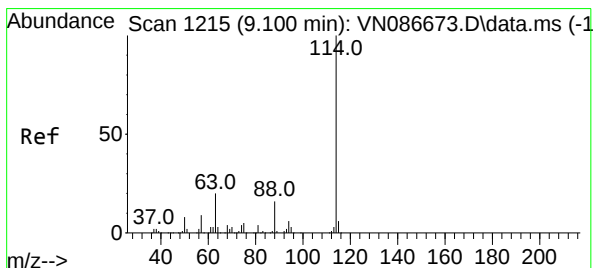
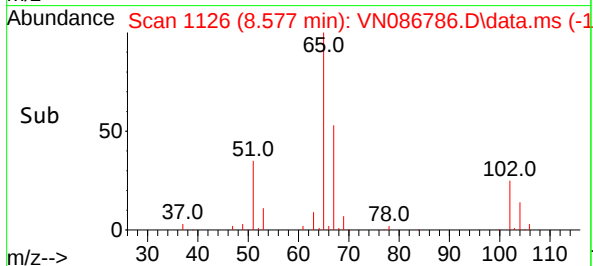
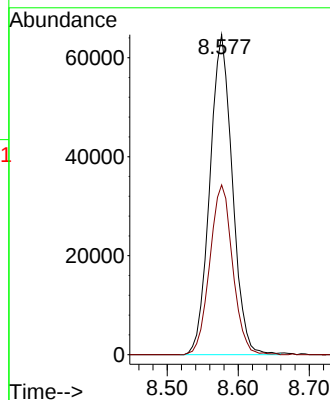
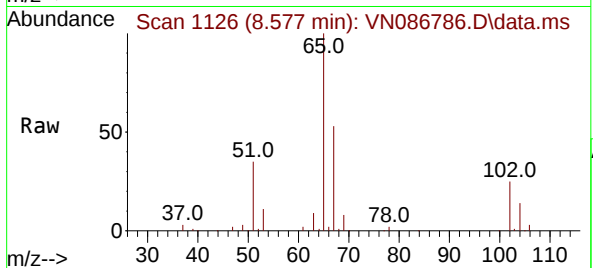
67 53.8 0.0 106.4

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

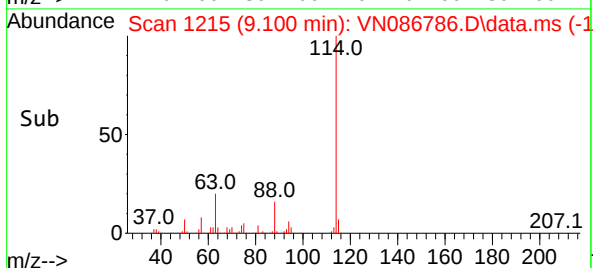
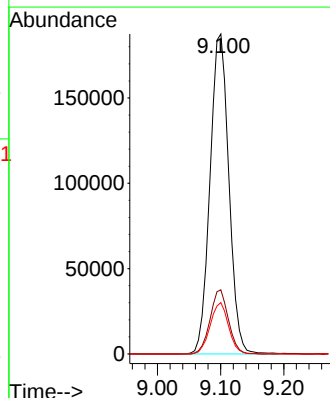
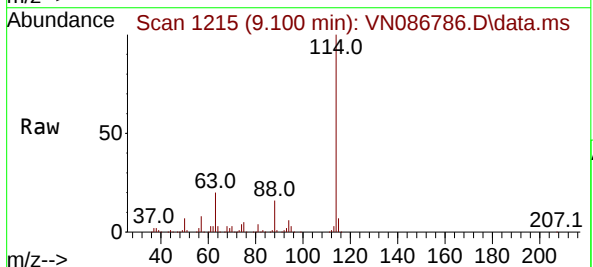
Tgt Ion:114 Resp: 388450

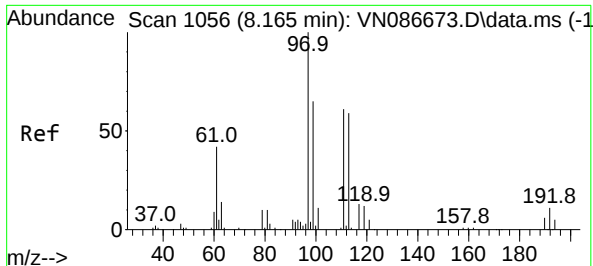
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

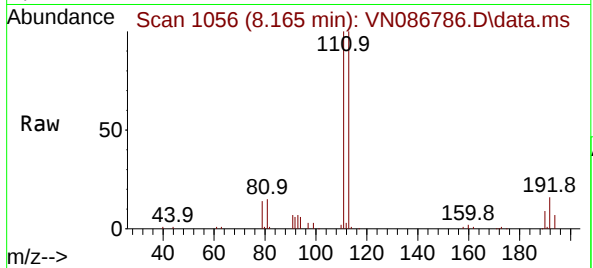
88 16.0 0.0 31.2





#35
Dibromofluoromethane
Concen: 49.475 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

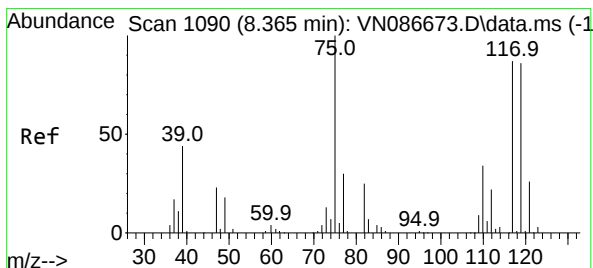
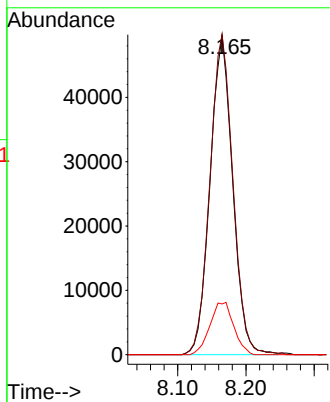
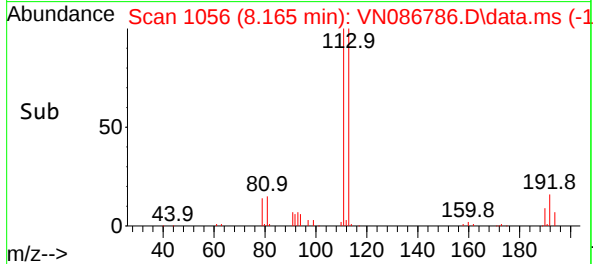
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 113 Resp: 11445
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 17.3 13.8 20.8

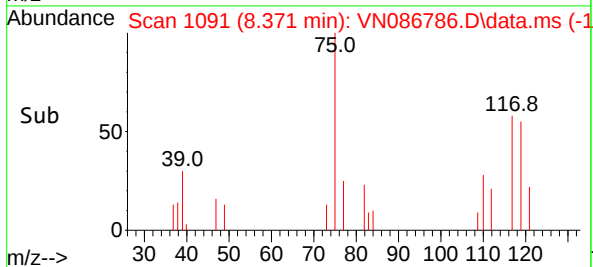
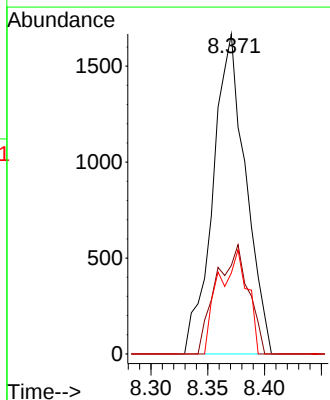
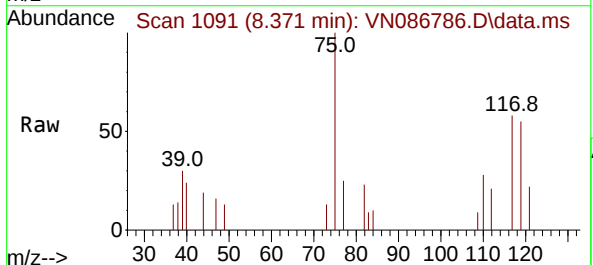
Manual Integrations
APPROVED

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



#36
1,1-Dichloropropene
Concen: 0.980 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

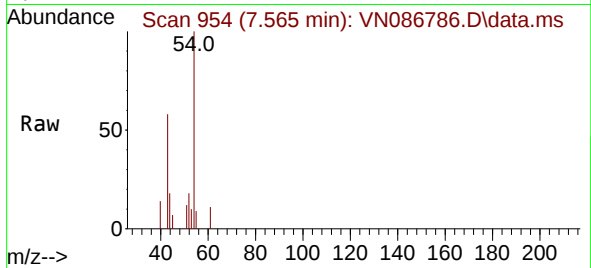
Tgt Ion: 75 Resp: 3343
Ion Ratio Lower Upper
75 100
110 33.6 17.5 52.5
77 28.4 25.1 37.7





#37
Ethyl Acetate
Concen: 0.867 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

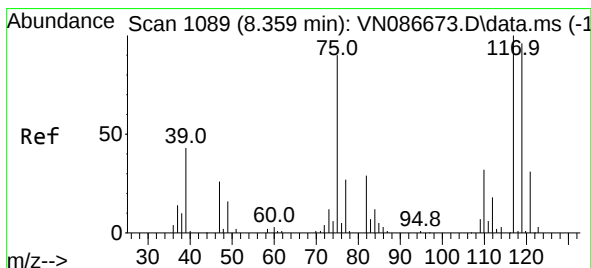
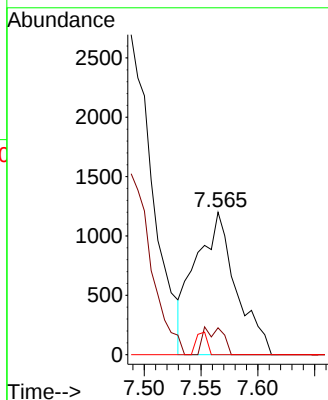
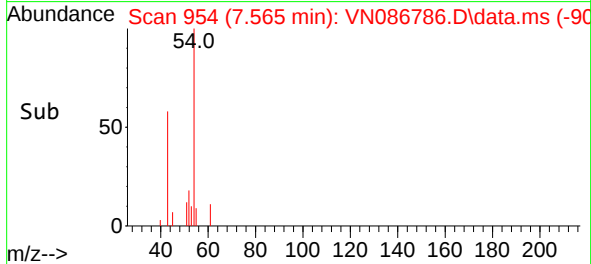
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
61 9.2 11.6 17.4
70 4.3 9.4 14.0

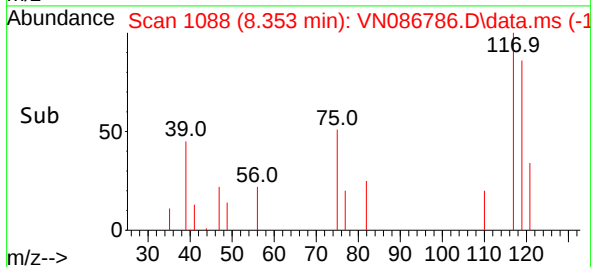
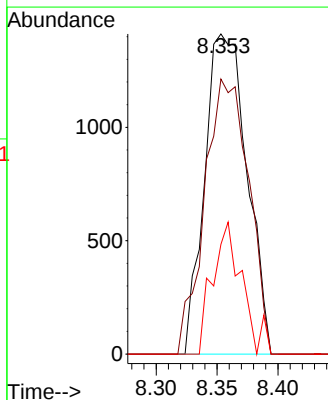
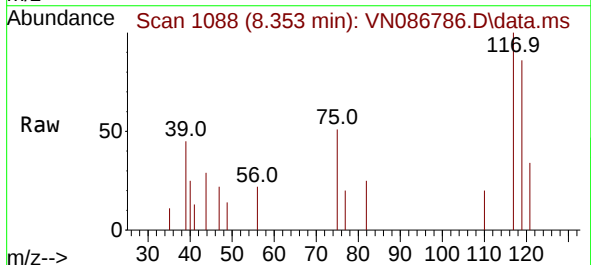
Manual Integrations
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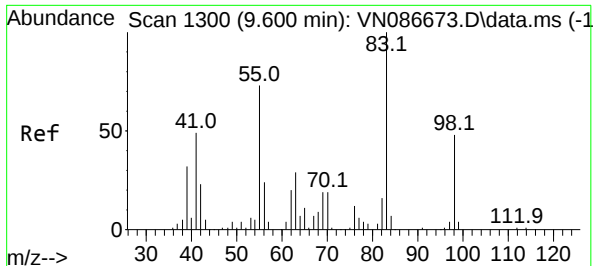
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#38
Carbon Tetrachloride
Concen: 1.014 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Tgt Ion:117 Resp: 3410
Ion Ratio Lower Upper
117 100
119 85.9 77.0 115.6
121 34.3 25.0 37.6





#39

Methylcyclohexane

Concen: 0.989 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

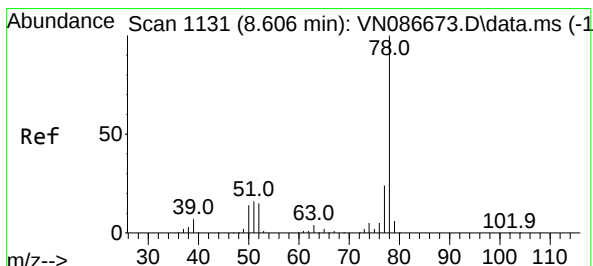
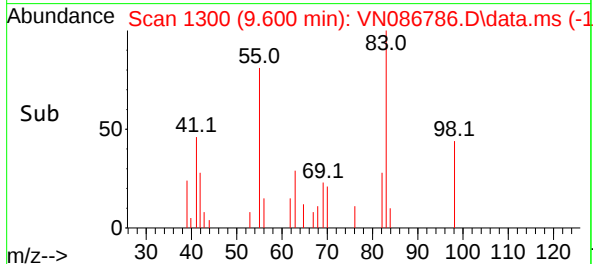
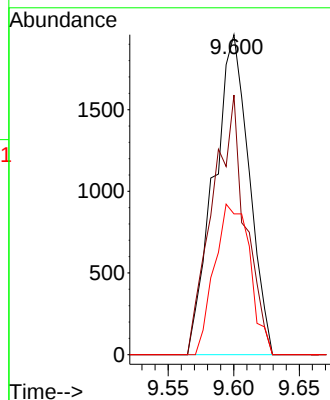
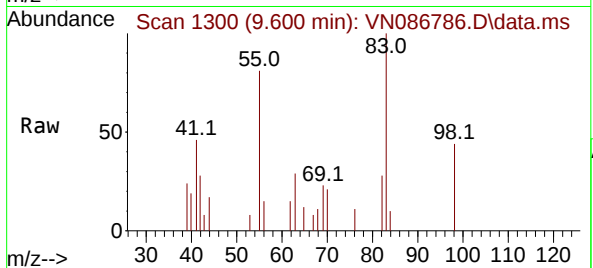
Tgt Ion: 83	Resp: 3654
Ion Ratio	Lower Upper
83 100	
55 81.2	58.2 87.4
98 44.0	38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#40

Benzene

Concen: 1.030 ug/l

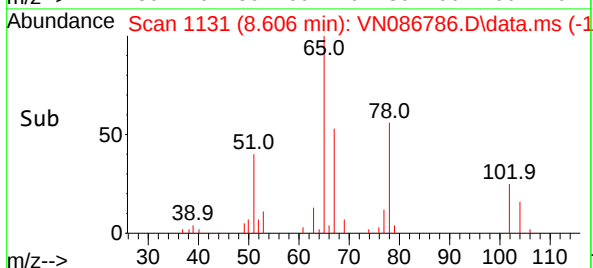
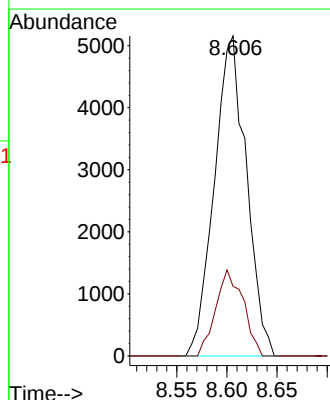
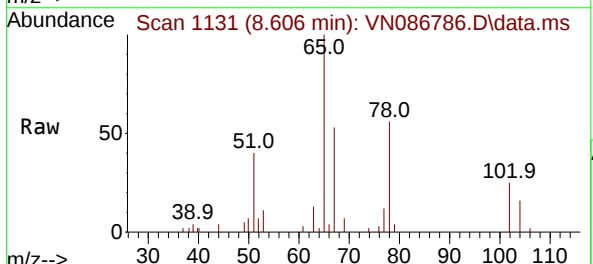
RT: 8.606 min Scan# 1131

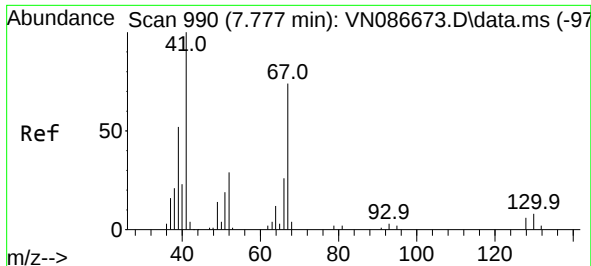
Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

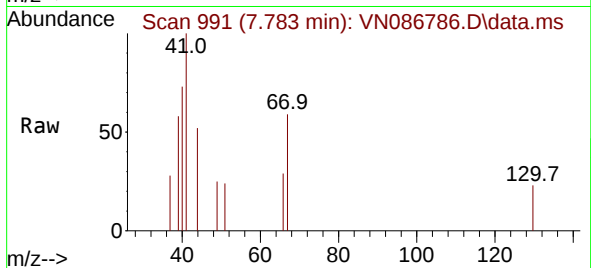
Tgt Ion: 78	Resp: 11465
Ion Ratio	Lower Upper
78 100	
77 21.8	19.1 28.7





#41
Methacrylonitrile
Concen: 0.772 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

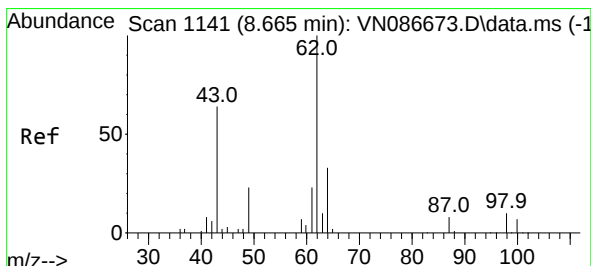
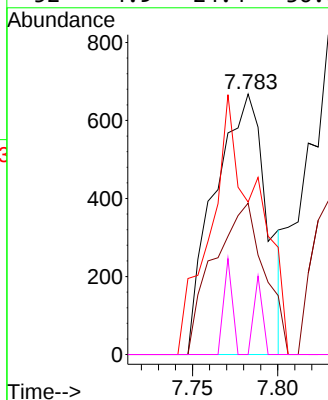
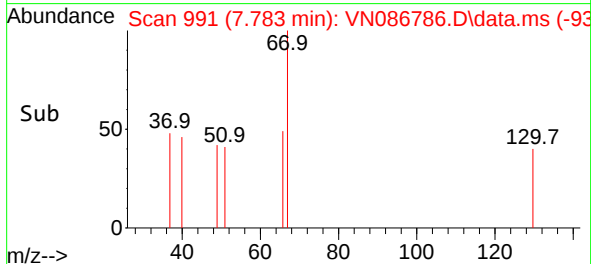
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:	41	Resp:	1430
Ion Ratio	100	Lower	Upper
41	100		
39	56.0	44.9	67.3
67	0.0	63.4	95.0
52	4.9	24.4	36.6

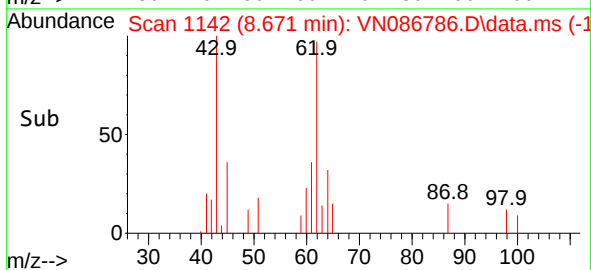
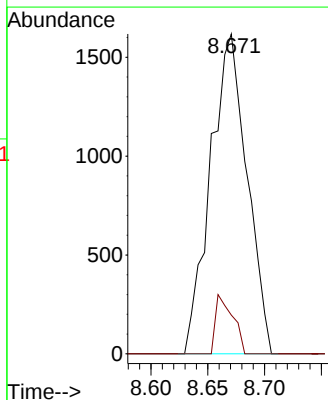
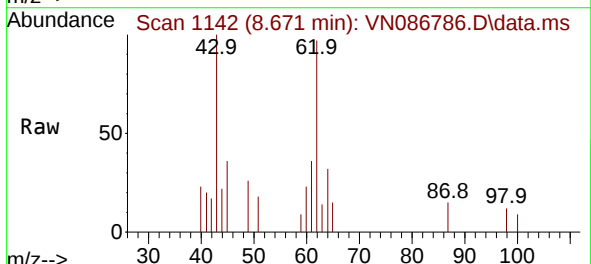
Manual Integrations
APPROVED

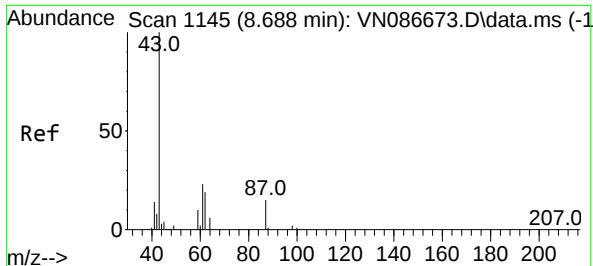
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 1.045 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

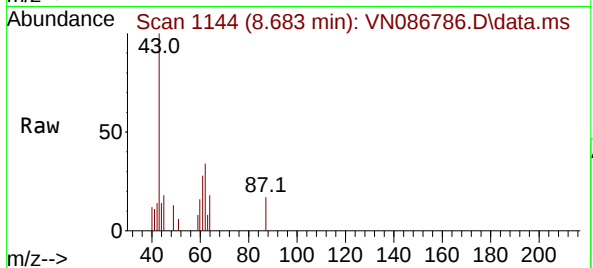
Tgt Ion:	62	Resp:	3623
Ion Ratio	100	Lower	Upper
62	100		
98	8.7	0.0	19.2





#43
Isopropyl Acetate
Concen: 1.291 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

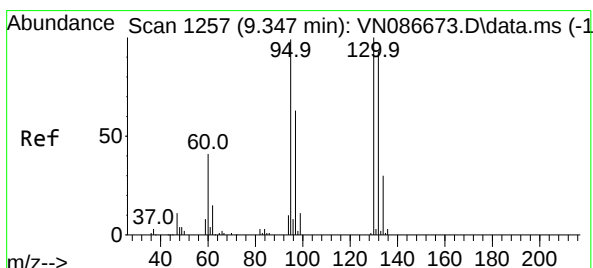
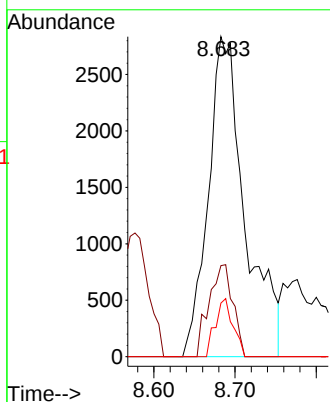
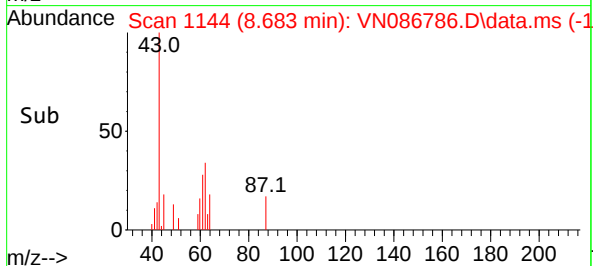
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
61 18.7 21.4 32.2
87 8.7 11.1 16.7

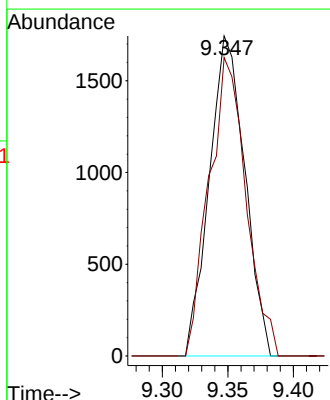
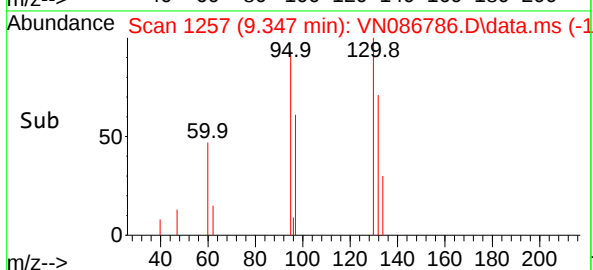
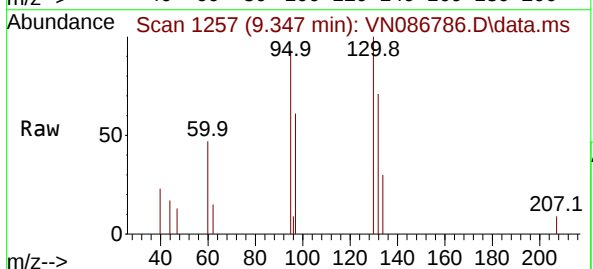
Manual Integrations
APPROVED

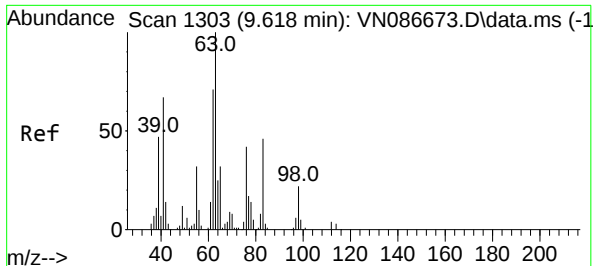
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 1.222 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Tgt Ion:130 Resp: 3280
Ion Ratio Lower Upper
130 100
95 93.2 0.0 197.0





#45

1,2-Dichloropropane

Concen: 0.945 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 63 Resp: 2500

Ion Ratio Lower Upper

63 100

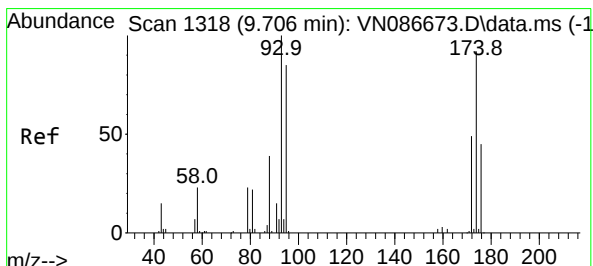
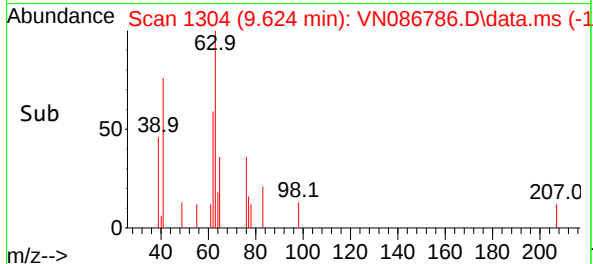
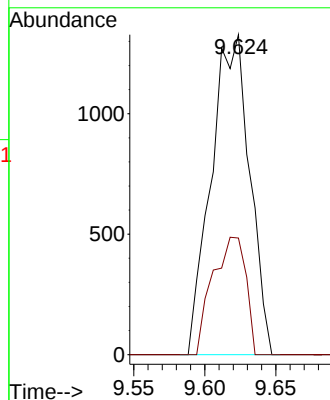
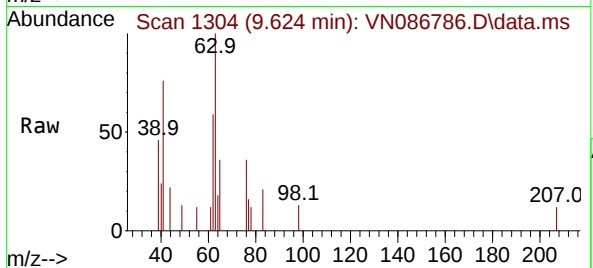
65 36.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#46

Dibromomethane

Concen: 0.972 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

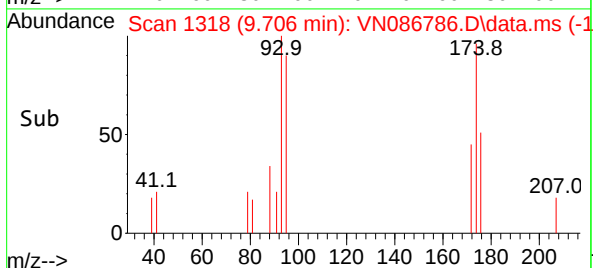
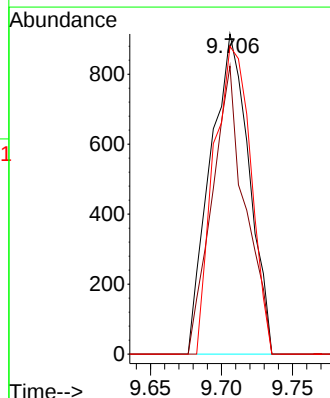
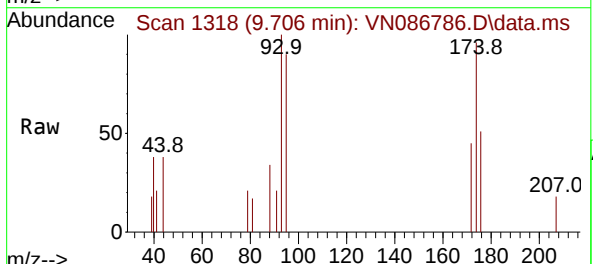
Tgt Ion: 93 Resp: 1734

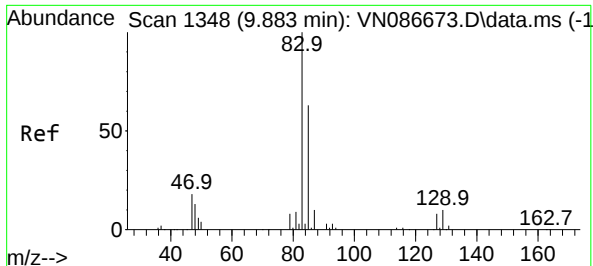
Ion Ratio Lower Upper

93 100

95 77.2 67.1 100.7

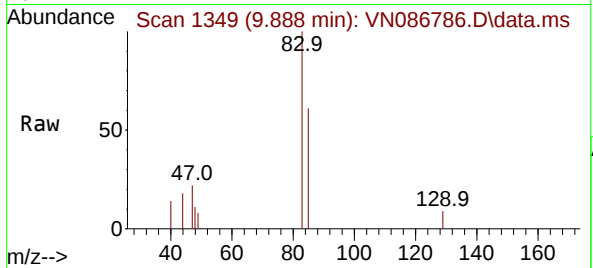
174 91.6 73.8 110.6





#47
Bromodichloromethane
Concen: 1.018 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

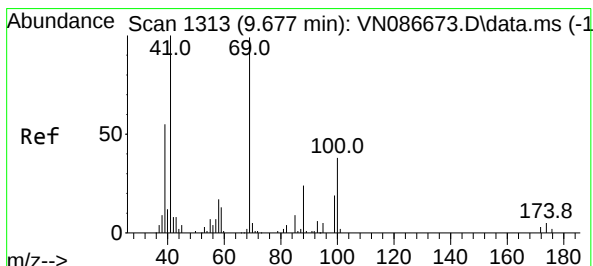
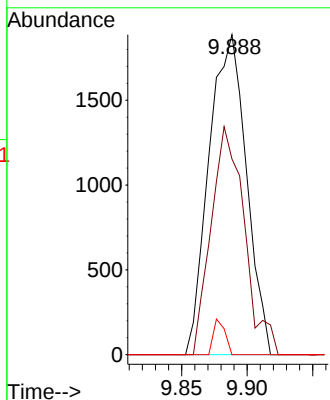
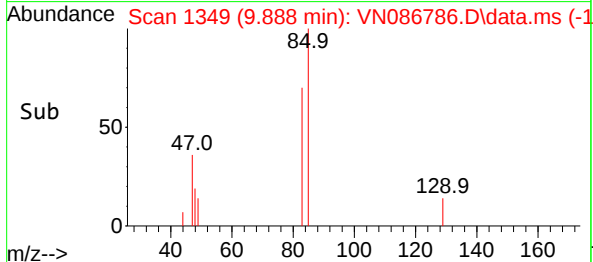
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 83 Resp: 374
Ion Ratio Lower Upper
83 100
85 61.2 50.1 75.1
127 0.0 6.2 9.4

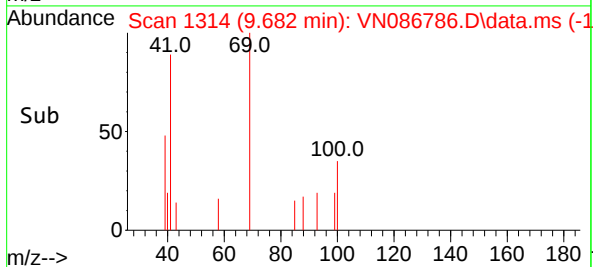
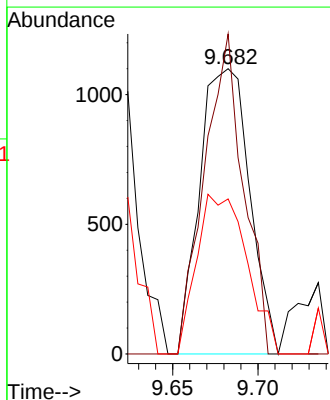
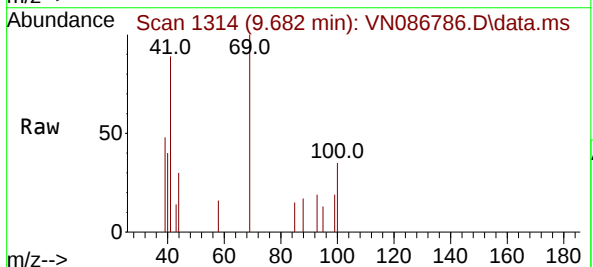
Manual Integrations
APPROVED

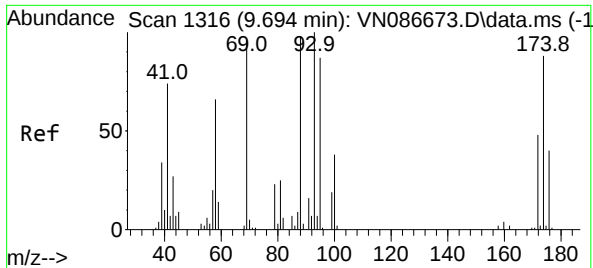
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#48
Methyl methacrylate
Concen: 0.838 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Tgt Ion: 41 Resp: 2245
Ion Ratio Lower Upper
41 100
69 88.0 74.1 111.1
39 56.1 44.1 66.1





#49

1,4-Dioxane

Concen: 15.362 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 88 Resp: 87

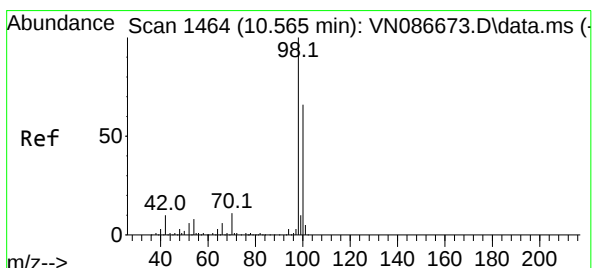
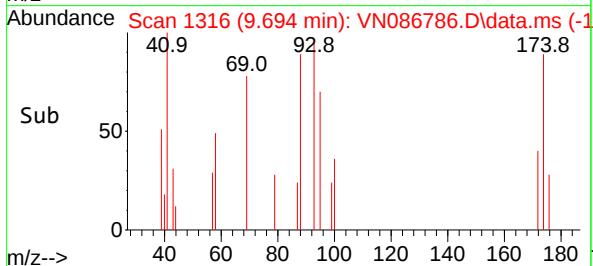
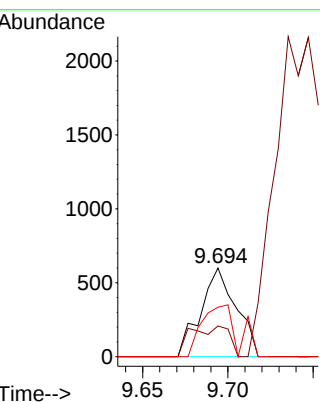
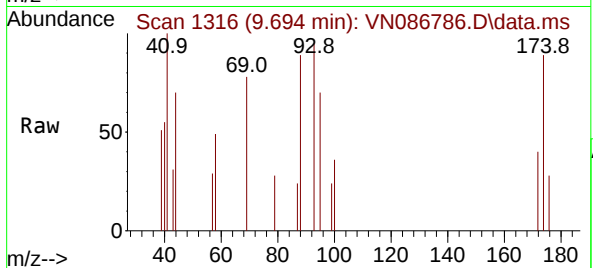
Ion	Ratio	Lower	Upper
88	100		
43	36.9	23.6	35.4
58	58.8	55.3	82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#50

Toluene-d8

Concen: 50.648 ug/l

RT: 10.565 min Scan# 1464

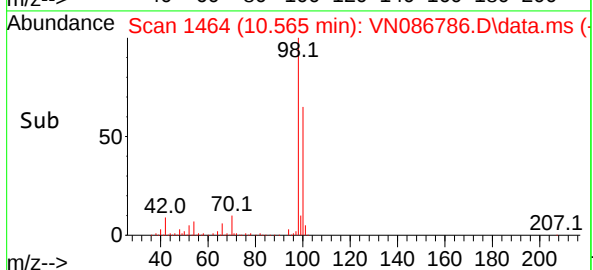
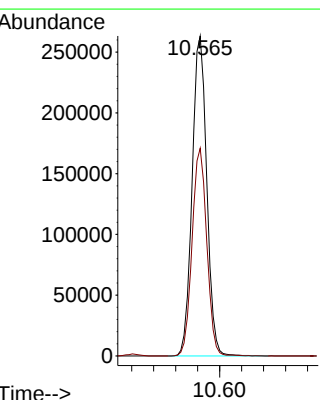
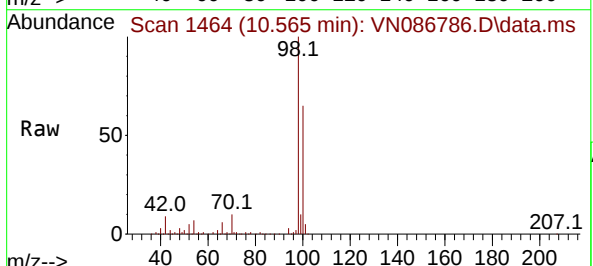
Delta R.T. -0.000 min

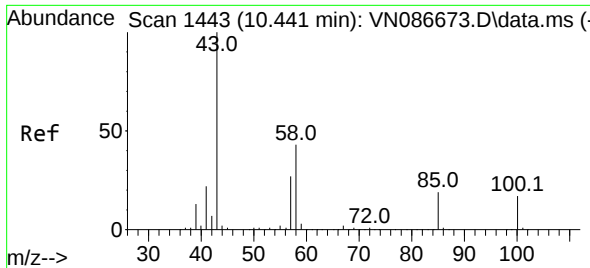
Lab File: VN086786.D

Acq: 27 May 2025 16:07

Tgt Ion: 98 Resp: 485555

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.9	79.3





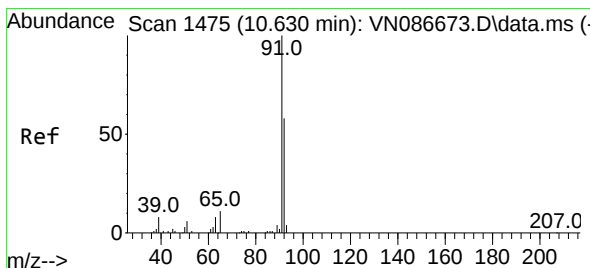
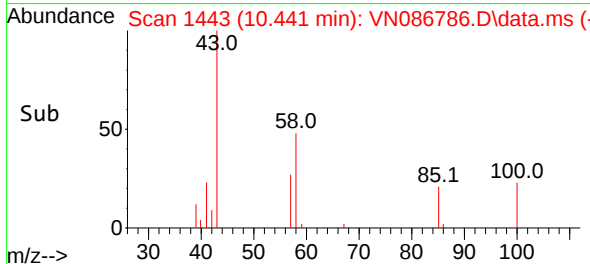
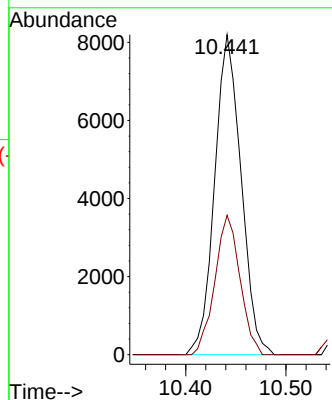
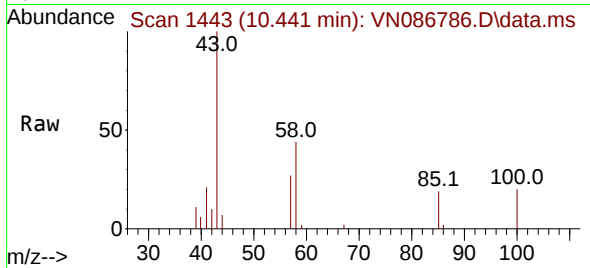
#51
4-Methyl-2-Pentanone
Concen: 4.298 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 14978
Ion Ratio Lower Upper
43 100
58 41.4 33.9 50.9

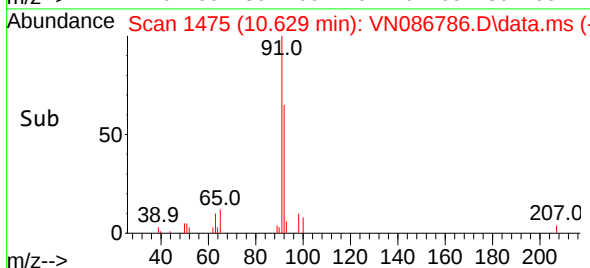
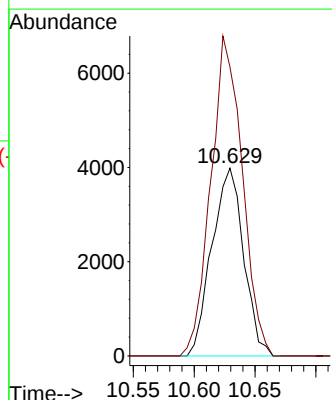
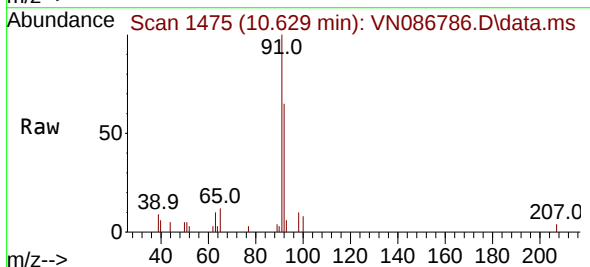
Manual Integrations
APPROVED

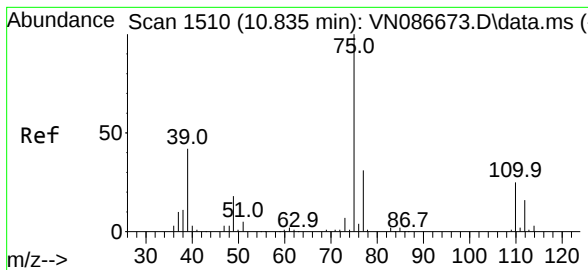
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#52
Toluene
Concen: 1.045 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

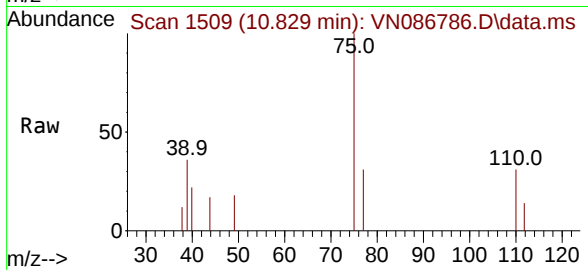
Tgt Ion: 92 Resp: 7232
Ion Ratio Lower Upper
92 100
91 168.9 137.8 206.8





#53
 t-1,3-Dichloropropene
 Concen: 0.928 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: VN086786.D
 Acq: 27 May 2025 16:07

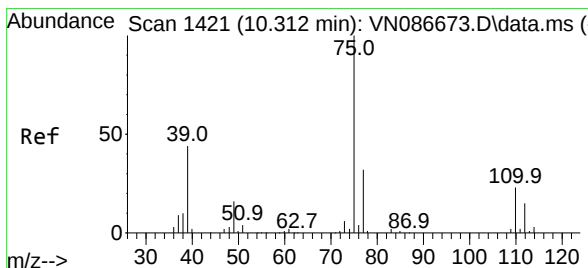
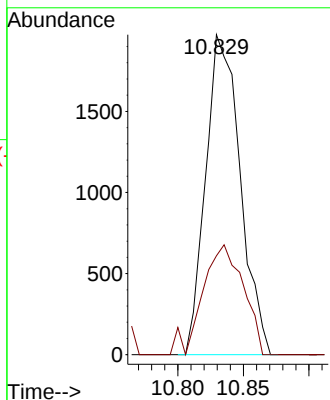
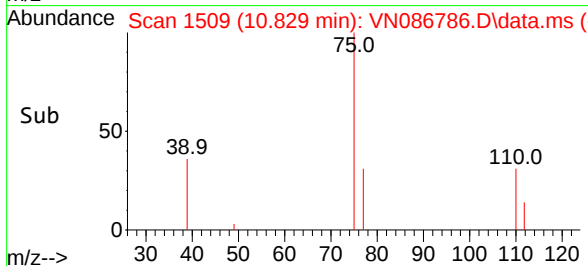
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion: 75 Resp: 361
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.2 37.8

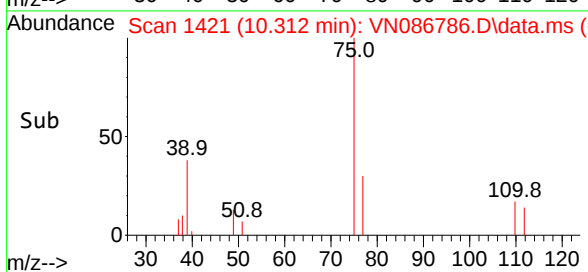
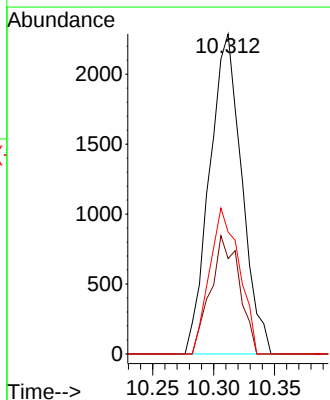
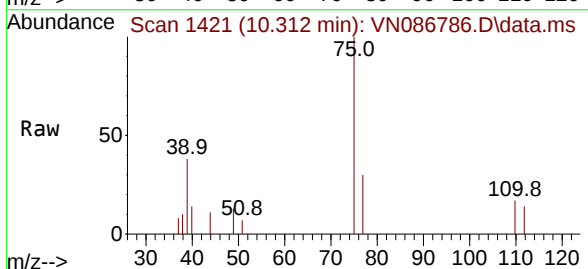
Manual Integrations
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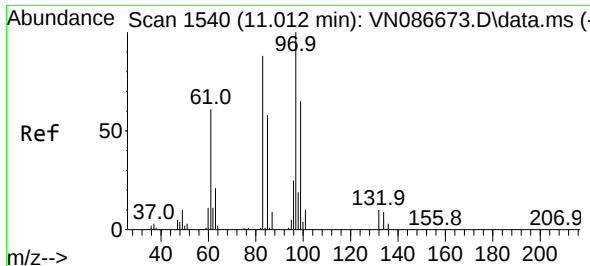
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#54
 cis-1,3-Dichloropropene
 Concen: 0.993 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086786.D
 Acq: 27 May 2025 16:07

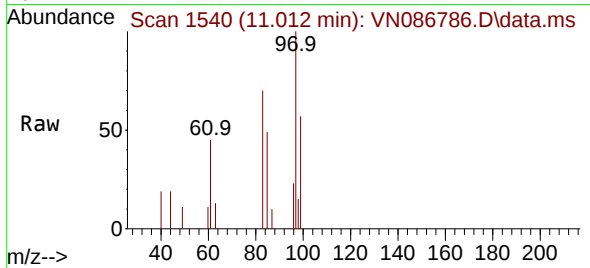
Tgt Ion: 75 Resp: 4218
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.3 37.9
 39 38.1 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 0.952 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

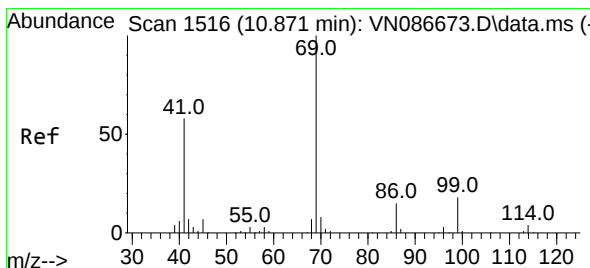
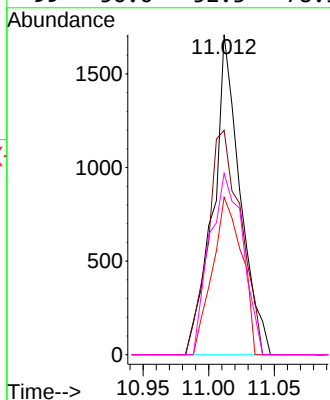
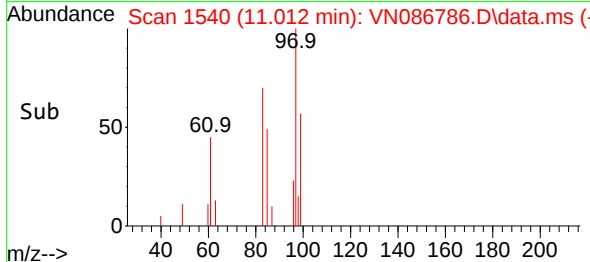
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



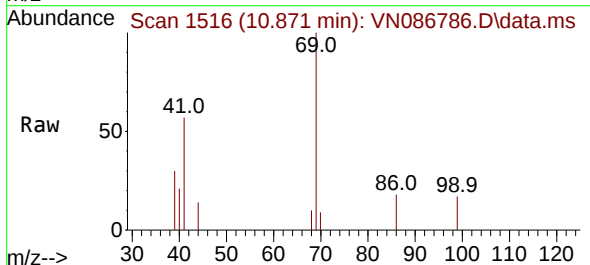
Tgt Ion	Ratio	Lower	Upper
97	100		
83	70.1	70.4	105.6
85	49.2	46.1	69.1
99	56.6	52.3	78.5

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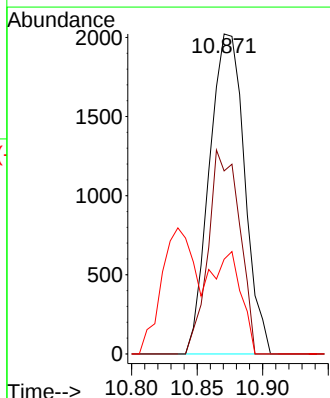
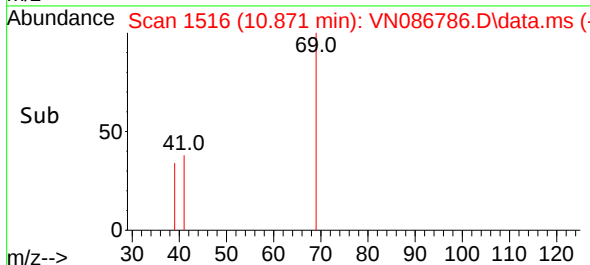
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

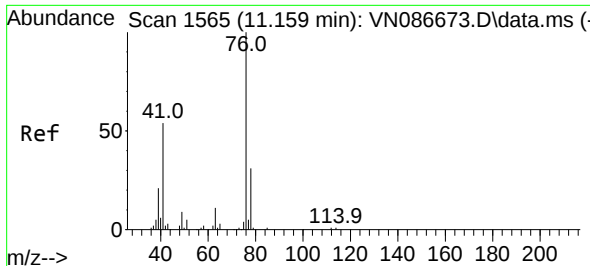


#56
Ethyl methacrylate
Concen: 0.912 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.6	47.4	71.0
39	17.9	24.0	36.0





#57

1,3-Dichloropropane

Concen: 0.973 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 76 Resp: 432

Ion Ratio Lower Upper

76 100

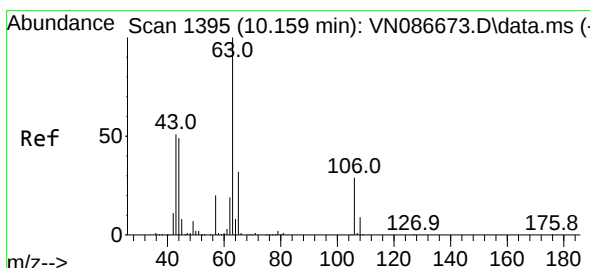
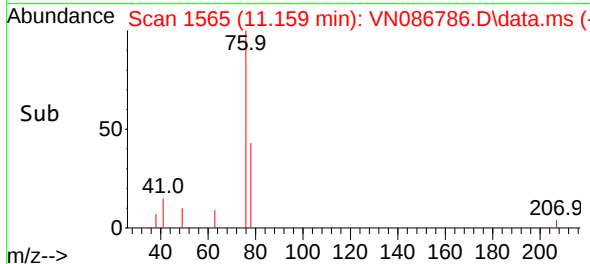
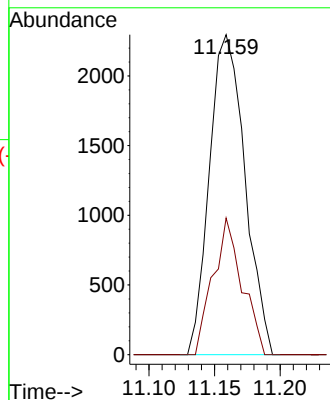
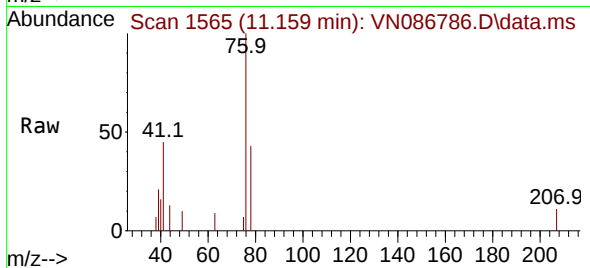
78 34.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 4.272 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086786.D

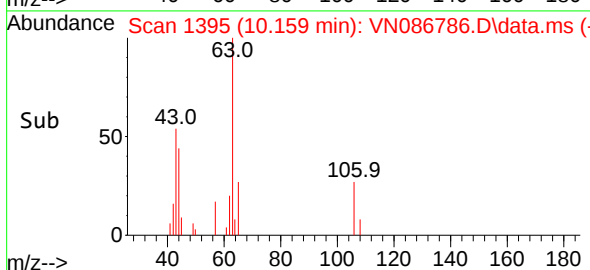
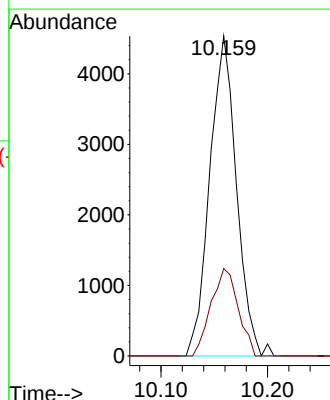
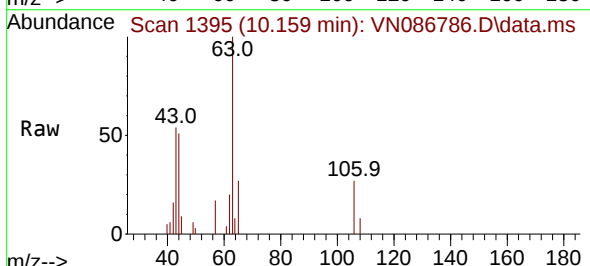
Acq: 27 May 2025 16:07

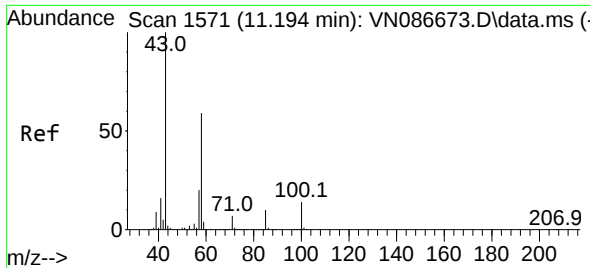
Tgt Ion: 63 Resp: 7911

Ion Ratio Lower Upper

63 100

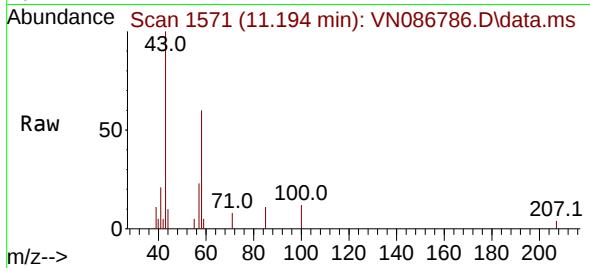
106 27.6 23.1 34.7





#59
2-Hexanone
Concen: 4.066 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

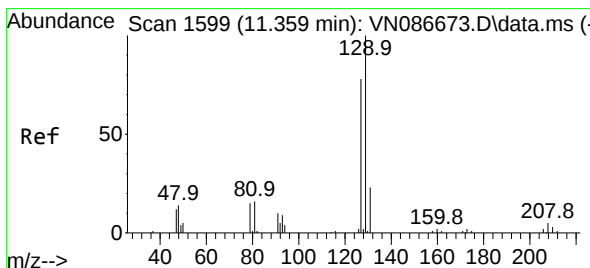
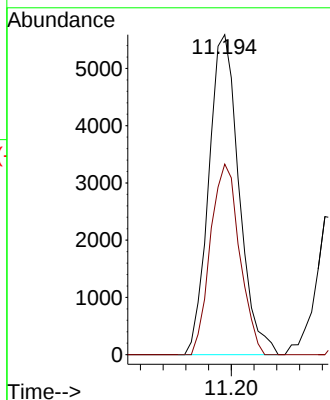
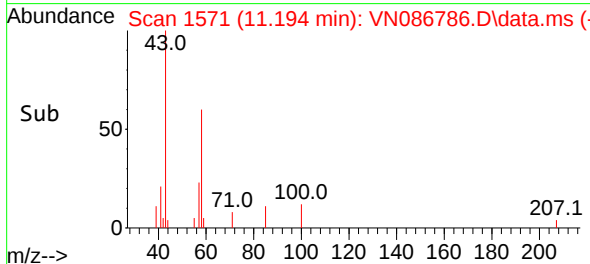
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 10340
Ion Ratio Lower Upper
43 100
58 57.3 29.8 89.5

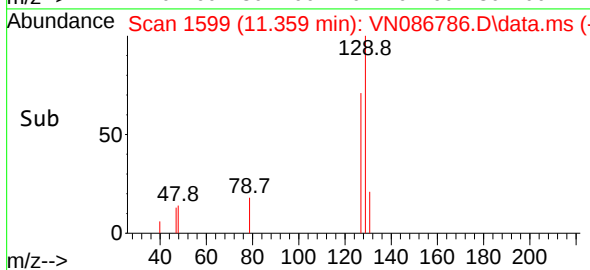
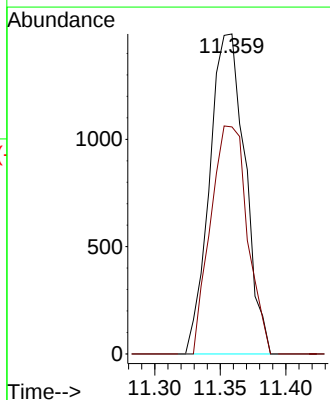
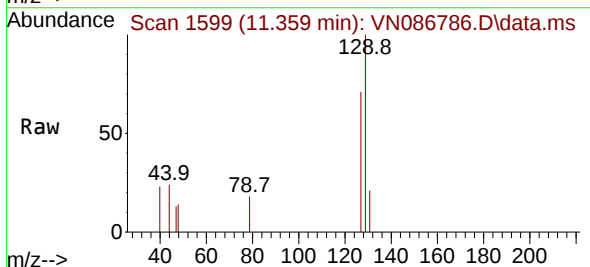
Manual Integrations
APPROVED

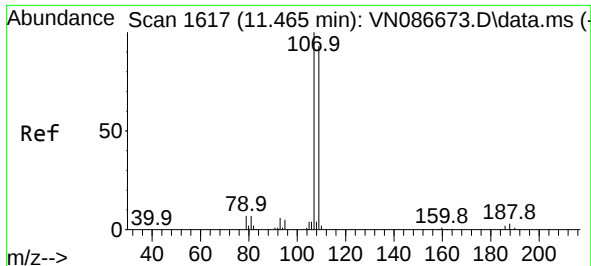
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 1.037 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

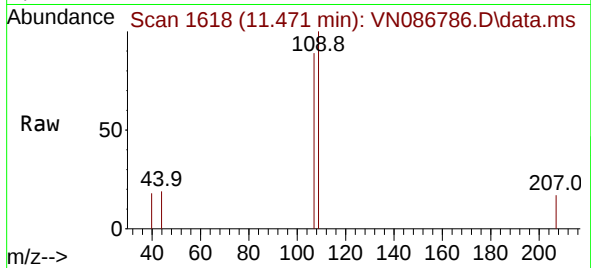
Tgt Ion:129 Resp: 2804
Ion Ratio Lower Upper
129 100
127 73.9 39.5 118.3





#61
1,2-Dibromoethane
Concen: 0.918 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

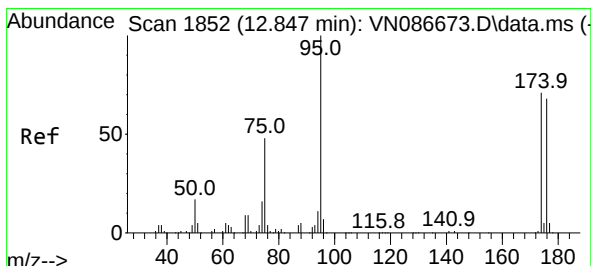
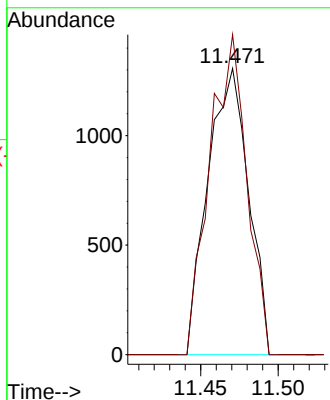
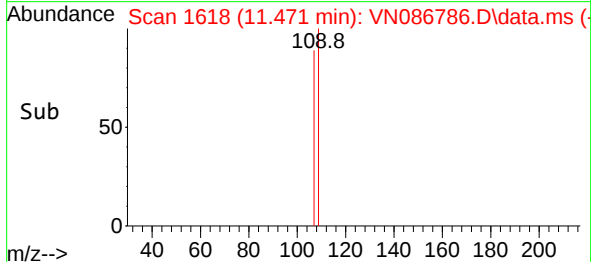
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:107 Resp: 2380
Ion Ratio Lower Upper
107 100
109 102.2 75.0 112.4

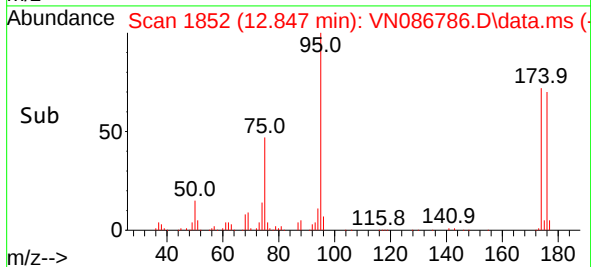
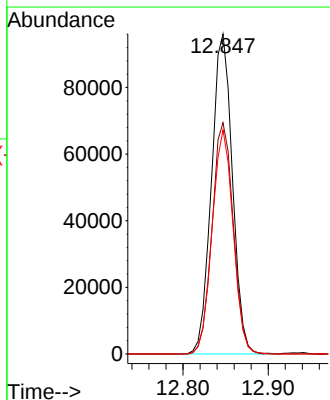
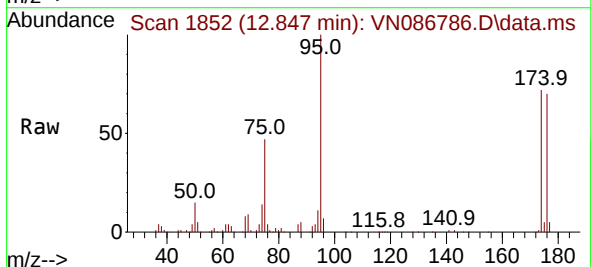
Manual Integrations
APPROVED

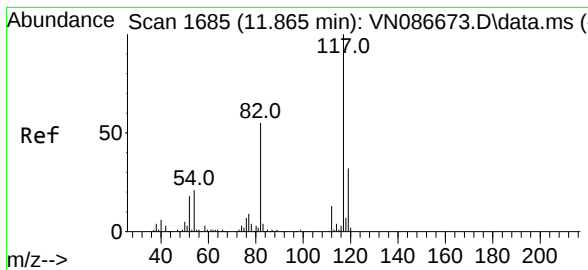
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#62
4-Bromofluorobenzene
Concen: 48.329 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

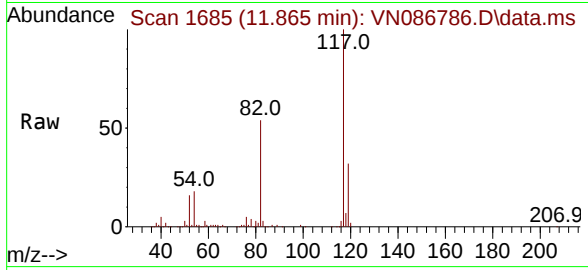
Tgt Ion: 95 Resp: 163597
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.4
176 70.2 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025

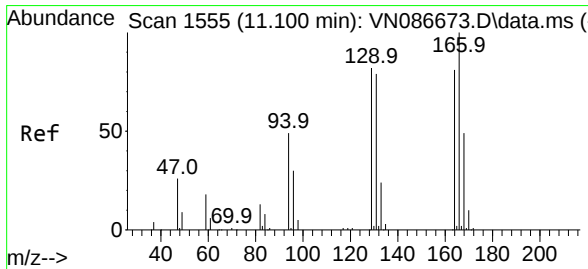
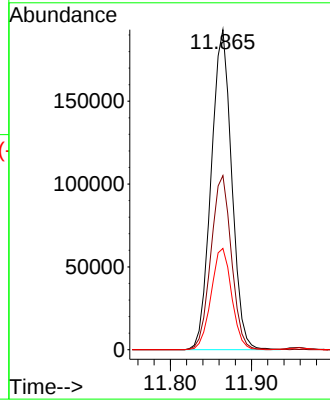
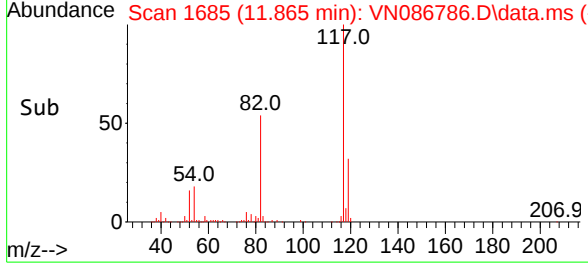


Tgt Ion:117 Resp: 33895

Ion	Ratio	Lower	Upper
117	100		
82	54.4	44.2	66.2
119	31.6	25.4	38.2

Manual Integrations
APPROVED

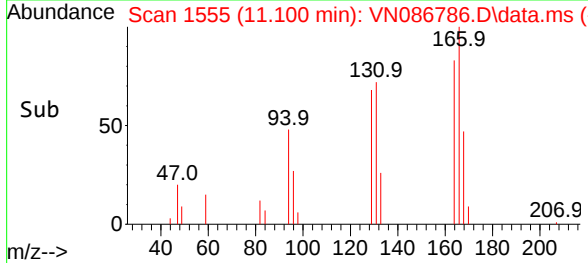
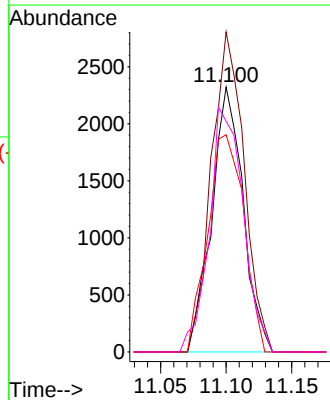
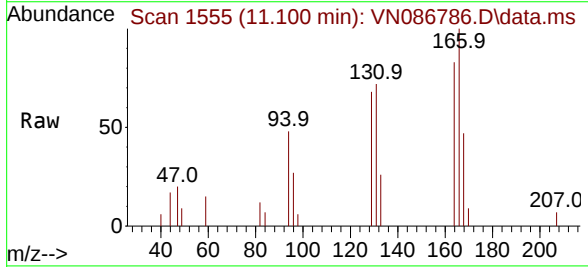
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

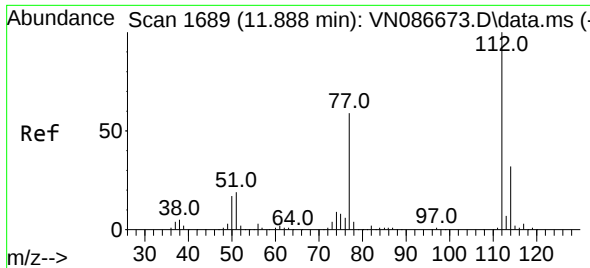


#64
Tetrachloroethene
Concen: 1.490 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Tgt Ion:164 Resp: 3869

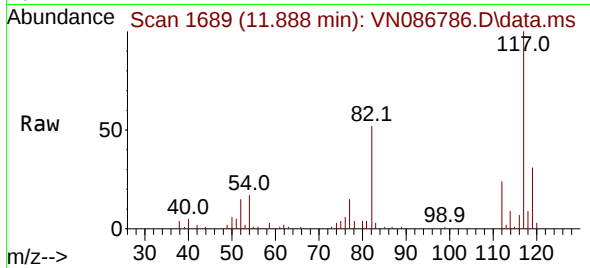
Ion	Ratio	Lower	Upper
164	100		
166	120.9	98.2	147.4
129	82.1	81.0	121.4
131	87.1	78.0	117.0





#65
Chlorobenzene
Concen: 1.049 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

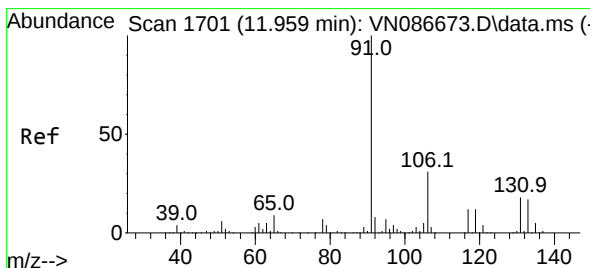
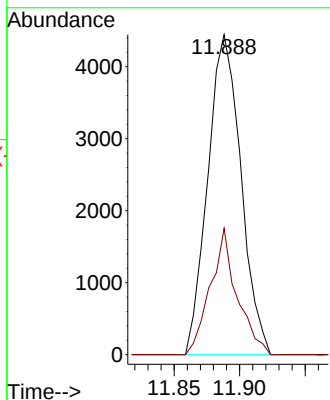
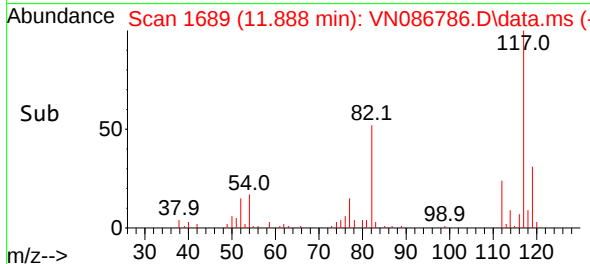
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:112 Resp: 7800
Ion Ratio Lower Upper
112 100
114 39.4 25.9 38.9

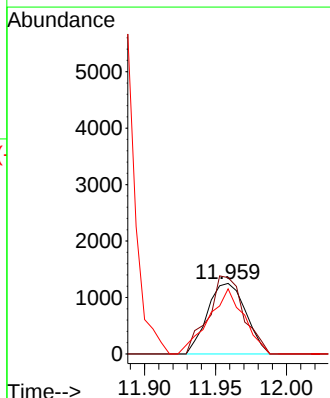
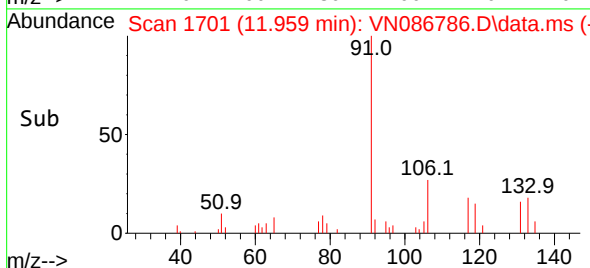
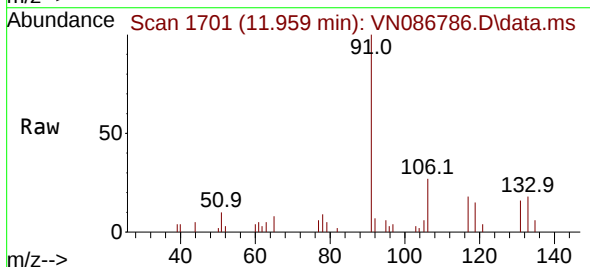
Manual Integrations
APPROVED

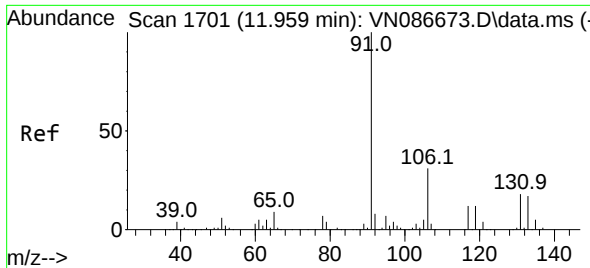
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 0.976 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Tgt Ion:131 Resp: 2343
Ion Ratio Lower Upper
131 100
133 102.3 47.9 143.7
119 0.0 33.6 100.8





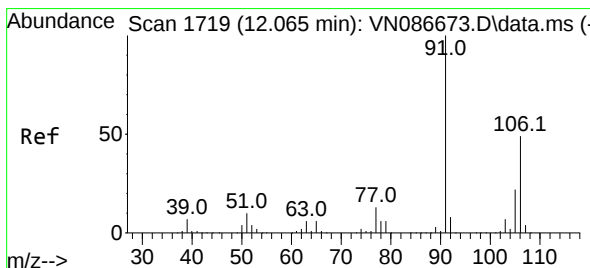
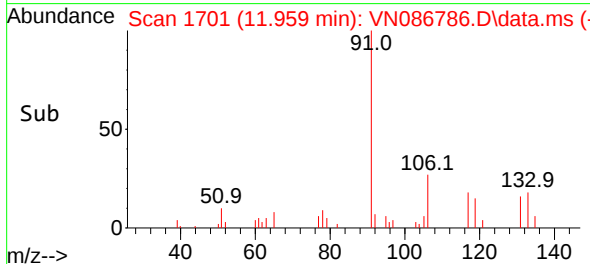
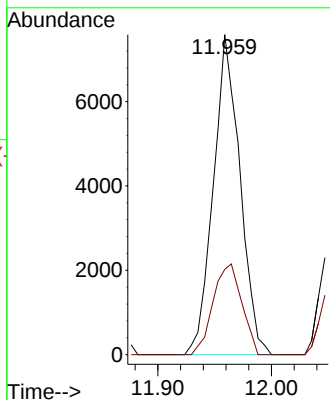
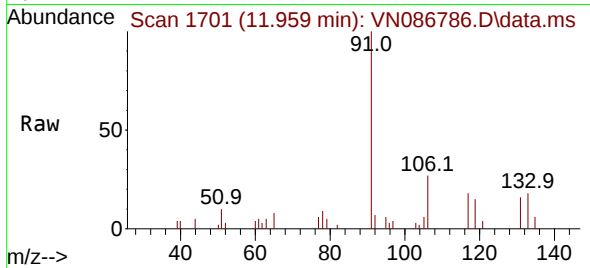
#67
Ethyl Benzene
Concen: 0.969 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 91 Resp: 12340
Ion Ratio Lower Upper
91 100
106 26.7 24.6 36.8

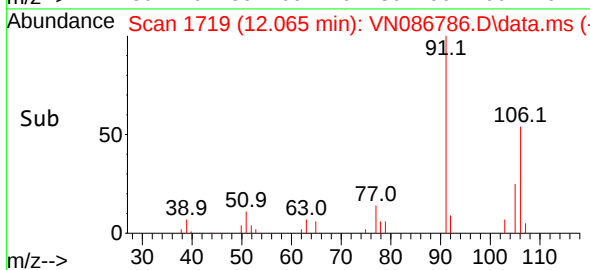
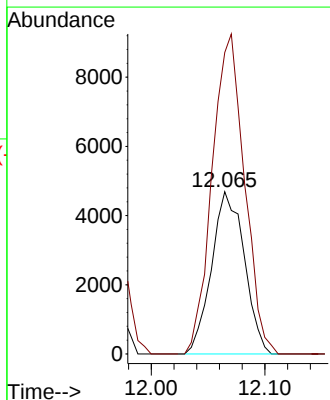
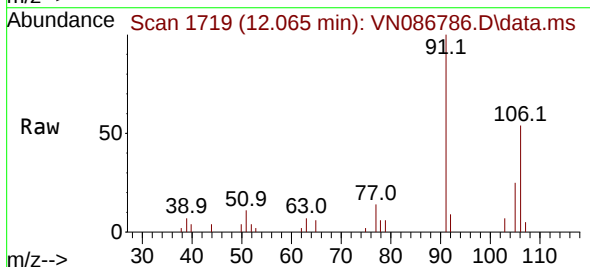
Manual Integrations
APPROVED

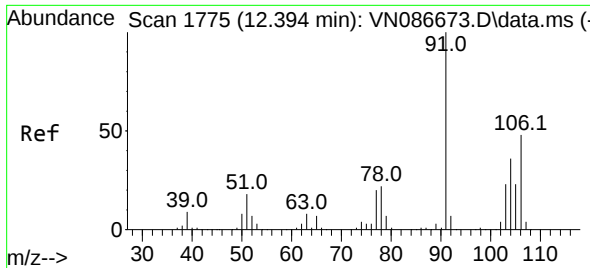
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#68
m/p-Xylenes
Concen: 1.949 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

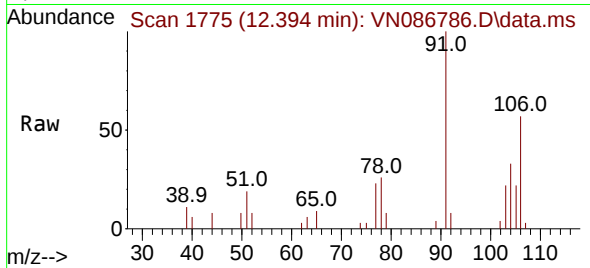
Tgt Ion:106 Resp: 9399
Ion Ratio Lower Upper
106 100
91 194.4 162.4 243.6





#69
o-Xylene
Concen: 0.940 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

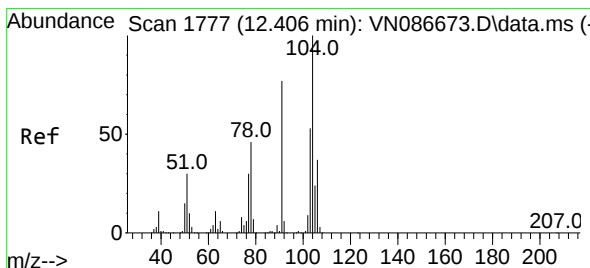
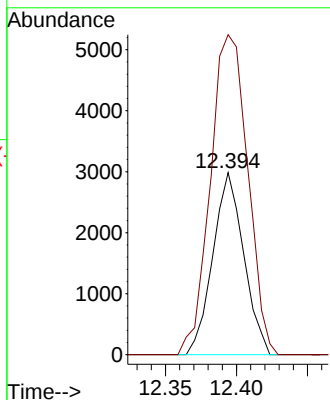
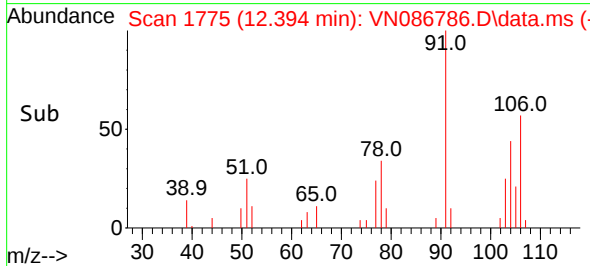
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:106 Resp: 450
Ion Ratio Lower Upper
106 100
91 212.7 105.1 315.1

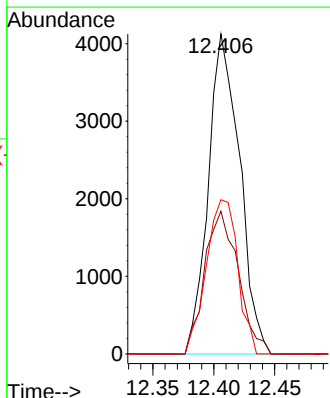
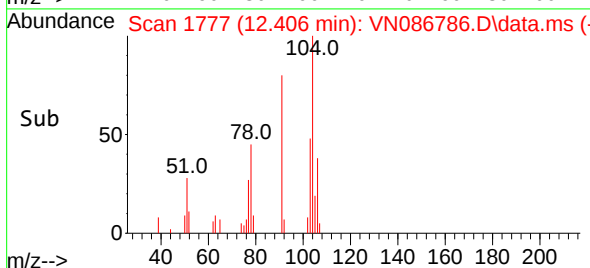
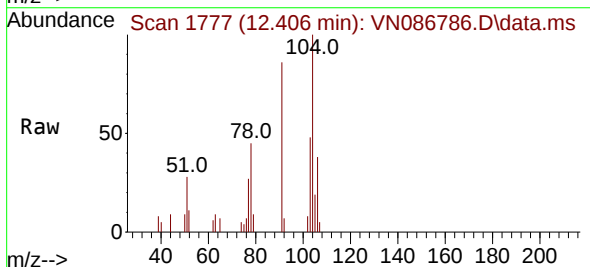
Manual Integrations
APPROVED

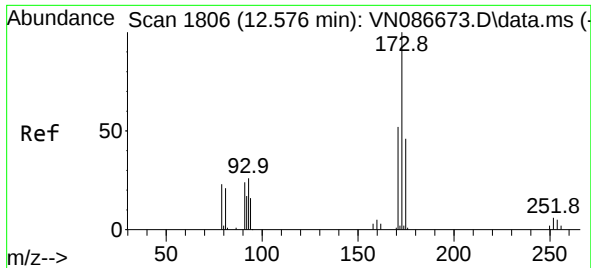
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 0.942 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

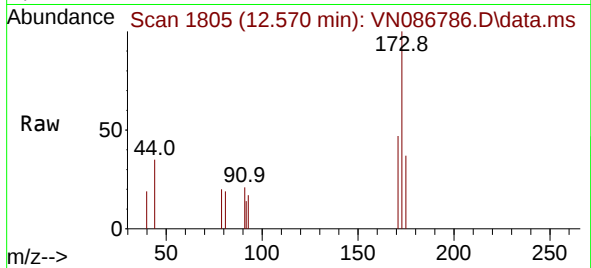
Tgt Ion:104 Resp: 7392
Ion Ratio Lower Upper
104 100
78 47.8 39.0 58.6
103 48.4 43.8 65.8





#71
Bromoform
Concen: 1.075 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

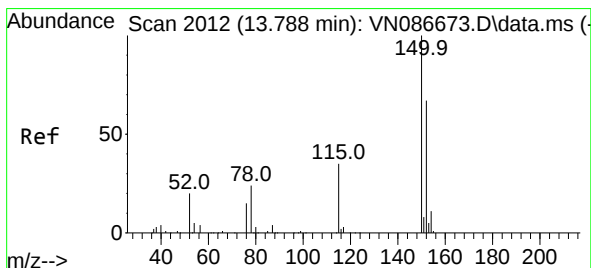
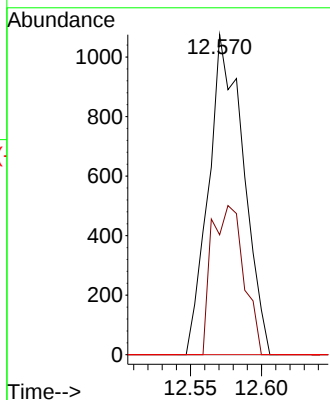
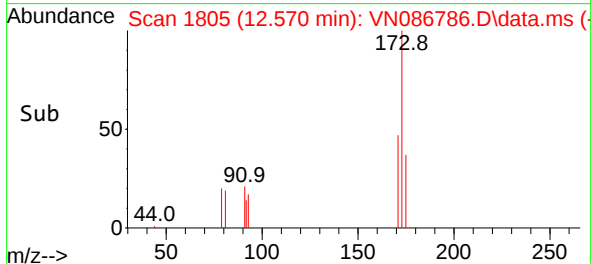
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:173 Resp: 1834
Ion Ratio Lower Upper
173 100
175 43.0 23.4 70.2
254 0.0 0.0 0.0

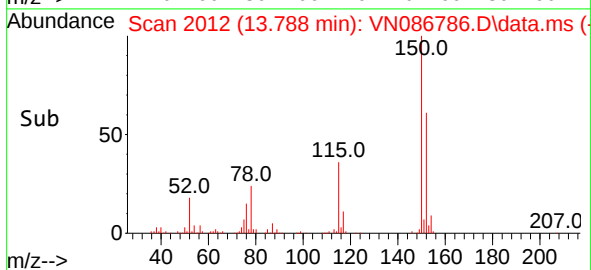
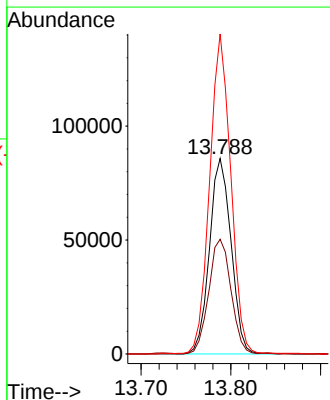
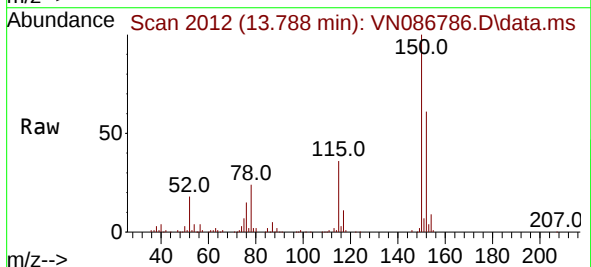
Manual Integrations
APPROVED

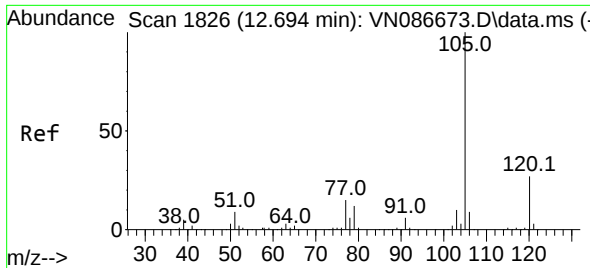
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Tgt Ion:152 Resp: 143585
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.1
150 160.0 0.0 347.8





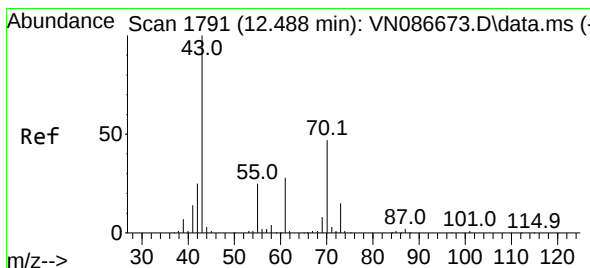
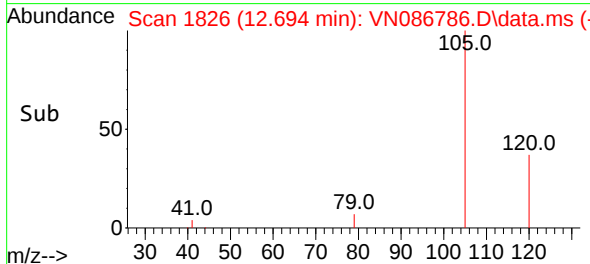
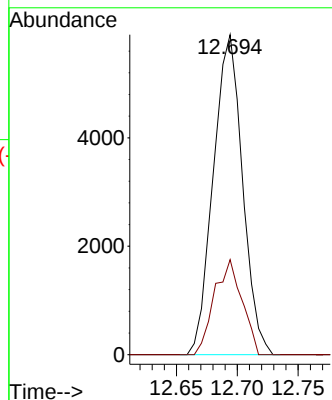
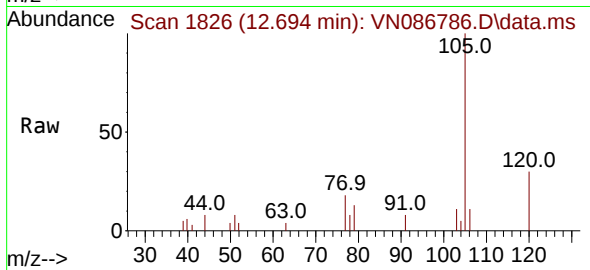
#73
Isopropylbenzene
Concen: 0.889 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 105 Resp: 986
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.1

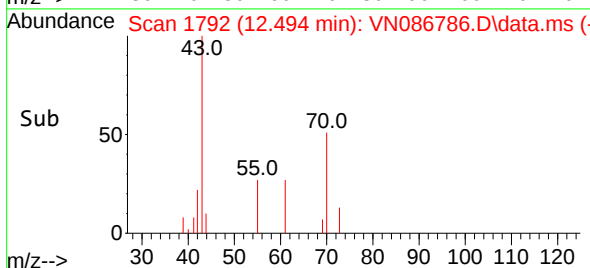
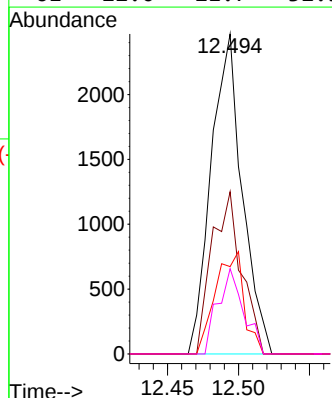
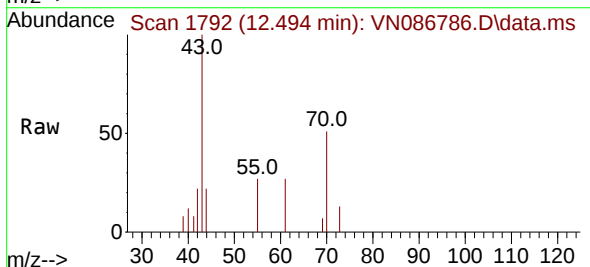
Manual Integrations
APPROVED

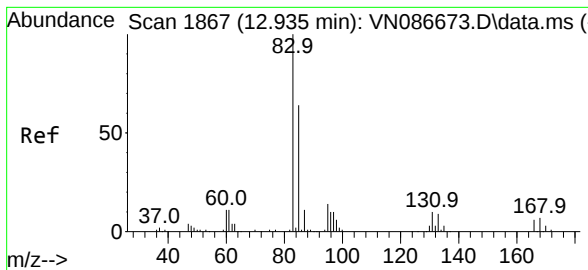
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#74
N-ethyl acetate
Concen: 0.809 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

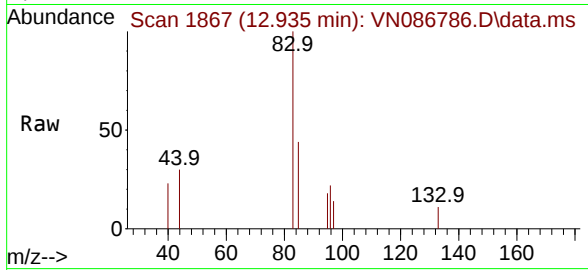
Tgt Ion: 43 Resp: 3750
Ion Ratio Lower Upper
43 100
70 48.4 37.9 56.9
55 29.3 20.5 30.7
61 22.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 0.673 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

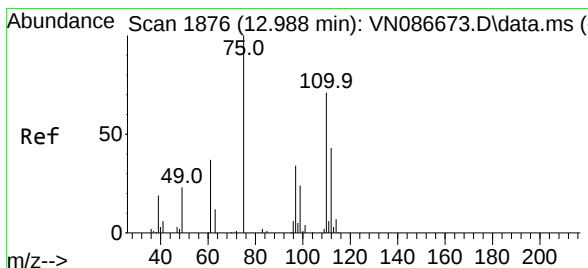
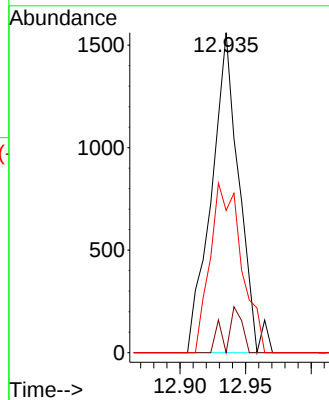
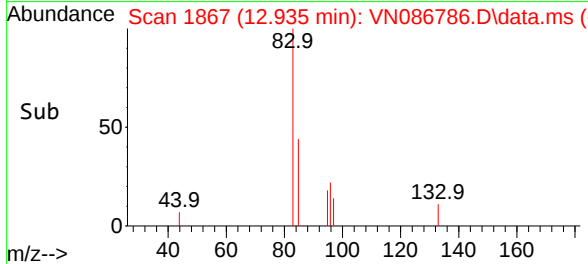
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 83 Resp: 229
Ion Ratio Lower Upper
83 100
131 8.3 5.0 15.0
85 60.1 32.4 97.2

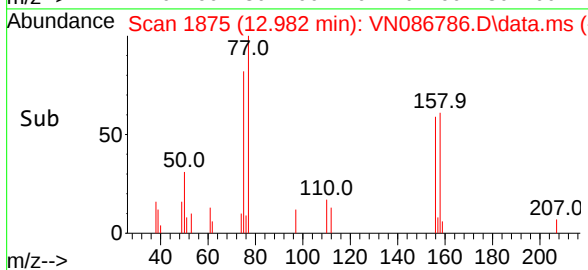
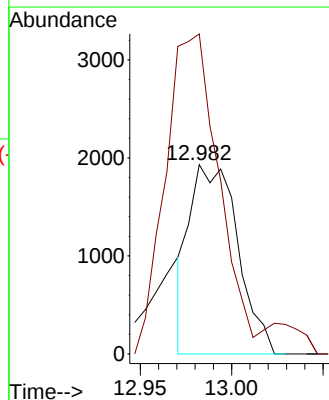
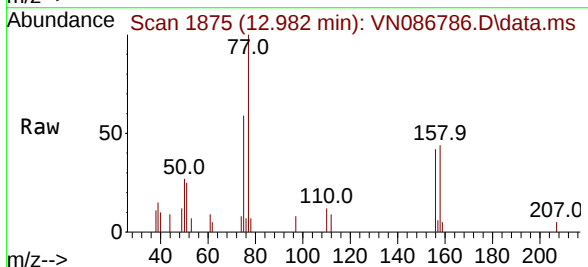
Manual Integrations
APPROVED

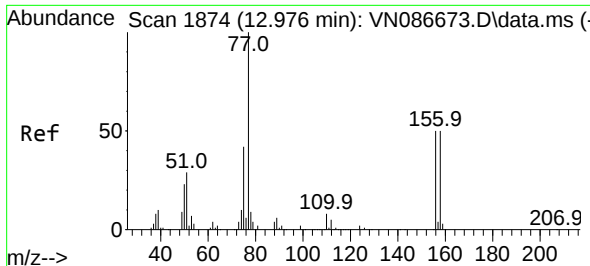
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#76
1,2,3-Trichloropropane
Concen: 1.088 ug/l m
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

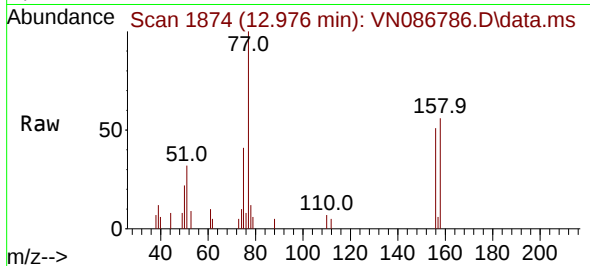
Tgt Ion: 75 Resp: 3532
Ion Ratio Lower Upper
75 100
77 190.2 96.0 288.1





#77
Bromobenzene
Concen: 0.960 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

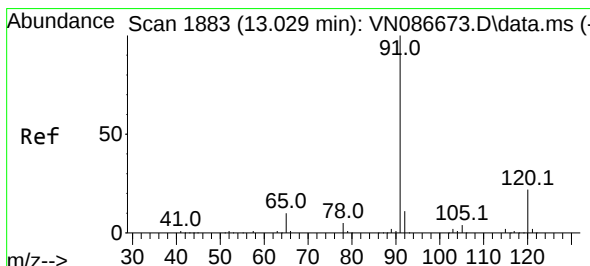
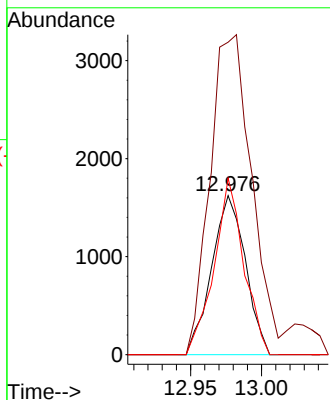
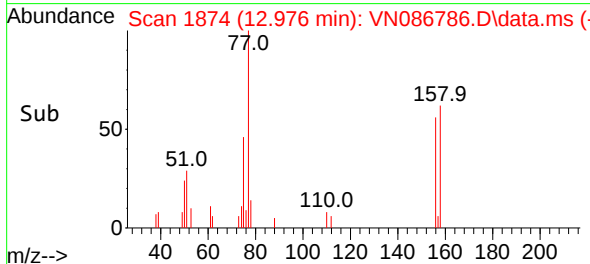
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



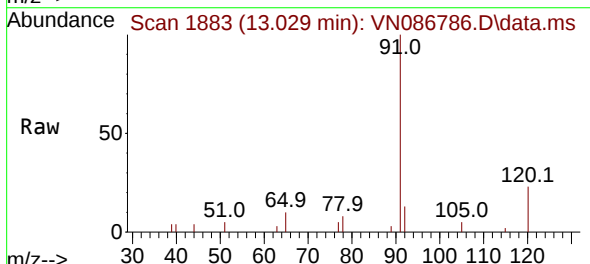
Tgt Ion:156 Resp: 2678
Ion Ratio Lower Upper
156 100
77 250.8 113.1 339.2
158 97.8 48.6 145.9

Manual Integrations
APPROVED

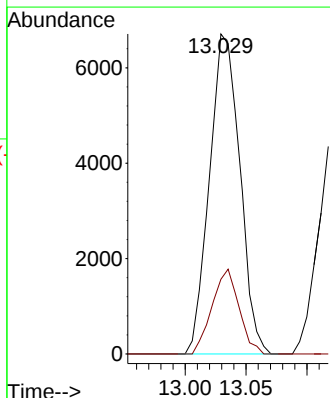
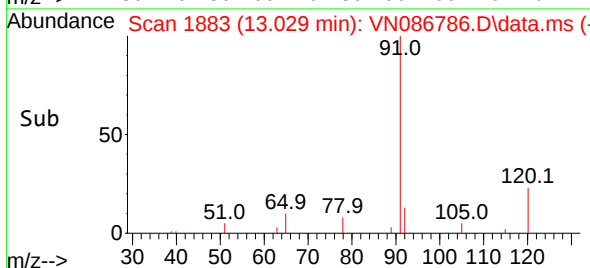
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

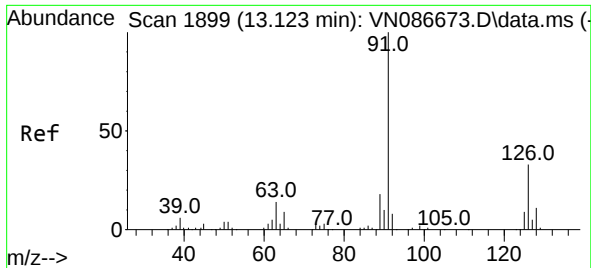


#78
n-propylbenzene
Concen: 0.915 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07



Tgt Ion: 91 Resp: 11645
Ion Ratio Lower Upper
91 100
120 23.5 11.4 34.1





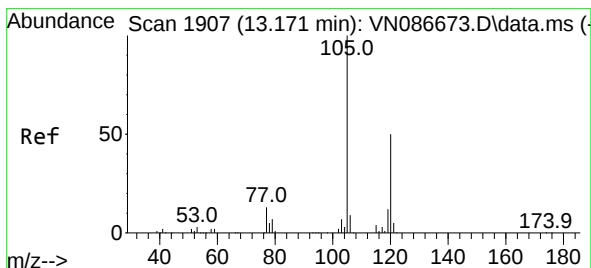
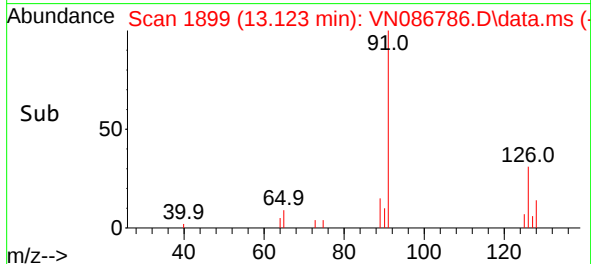
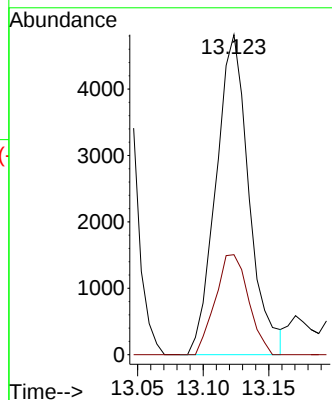
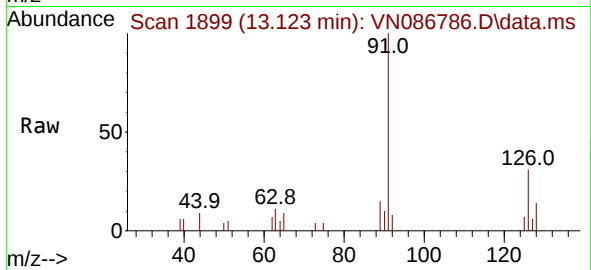
#79
2-Chlorotoluene
Concen: 1.019 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025

Tgt Ion: 91 Resp: 843
Ion Ratio Lower Upper
91 100
126 31.3 16.6 49.7

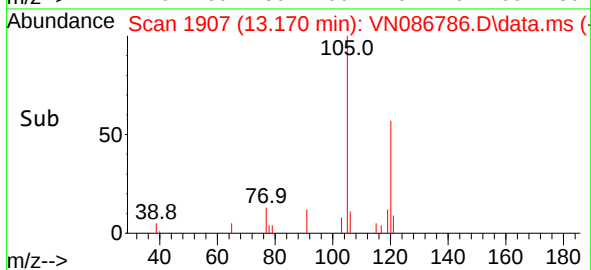
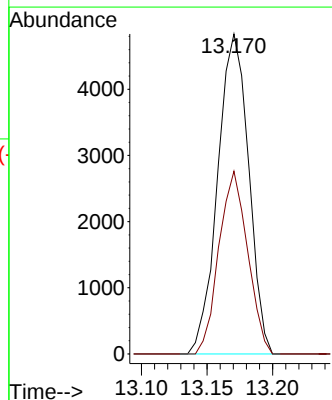
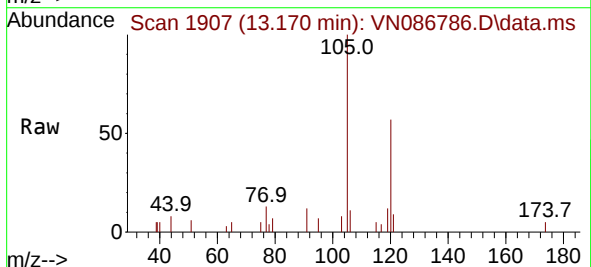
Manual Integrations
APPROVED

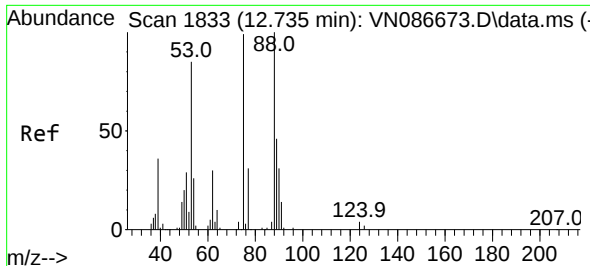
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.894 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

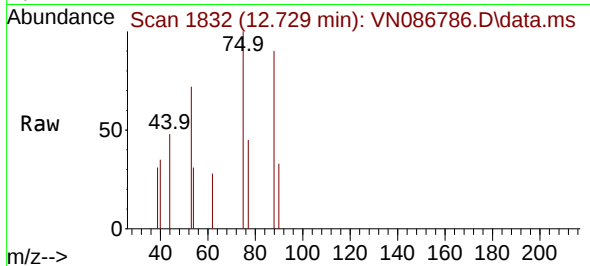
Tgt Ion:105 Resp: 7940
Ion Ratio Lower Upper
105 100
120 53.0 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 0.689 ug/l m
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

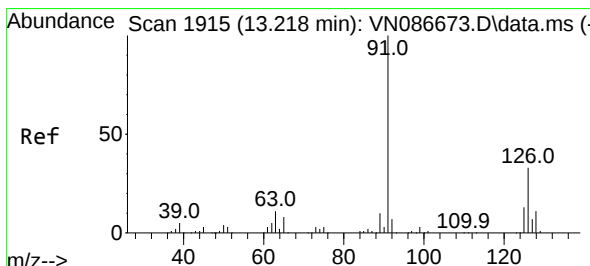
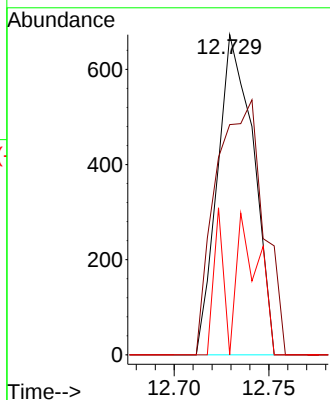
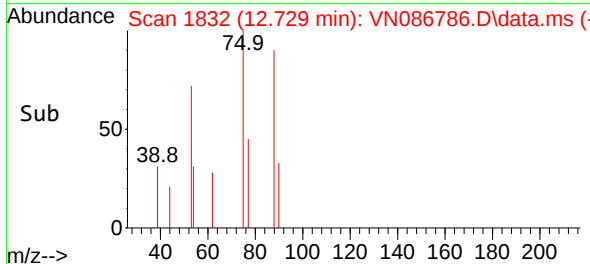
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 75 Resp: 880
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6
89 0.0 32.4 48.6

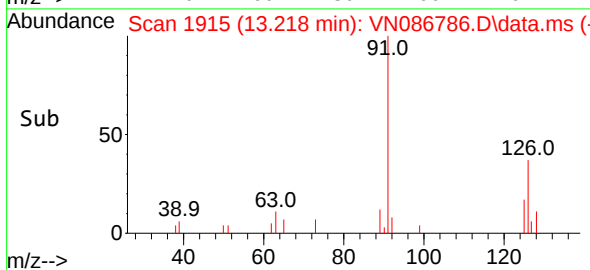
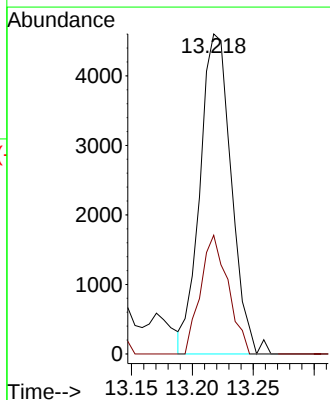
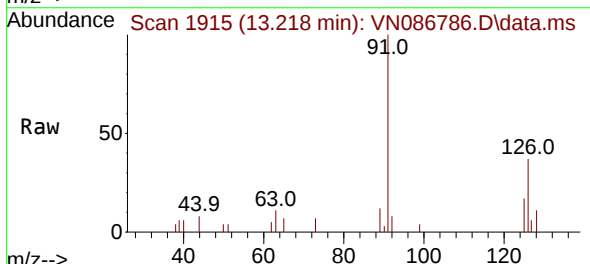
Manual Integrations
APPROVED

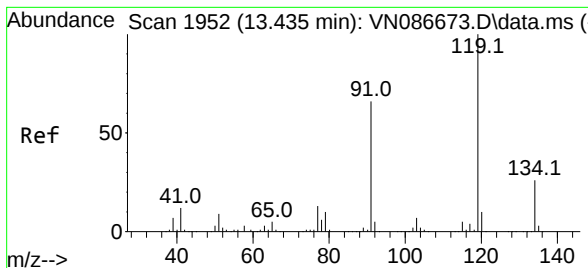
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#82
4-Chlorotoluene
Concen: 1.007 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

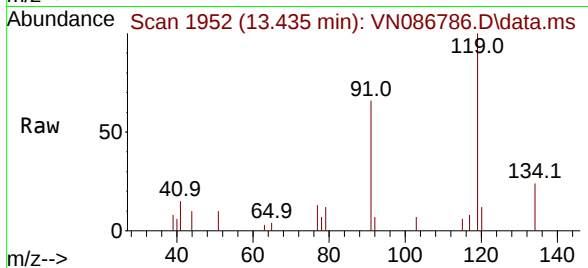
Tgt Ion: 91 Resp: 8255
Ion Ratio Lower Upper
91 100
126 32.6 17.0 50.9





#83
tert-Butylbenzene
Concen: 0.925 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

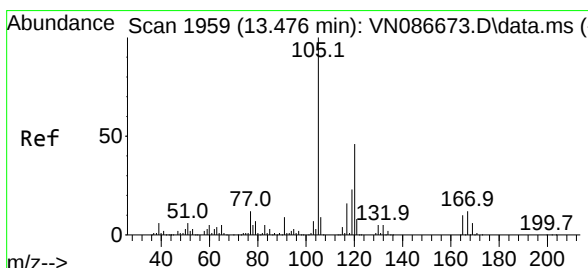
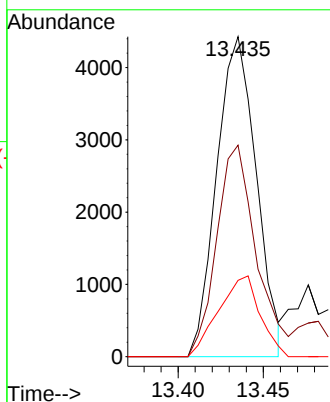
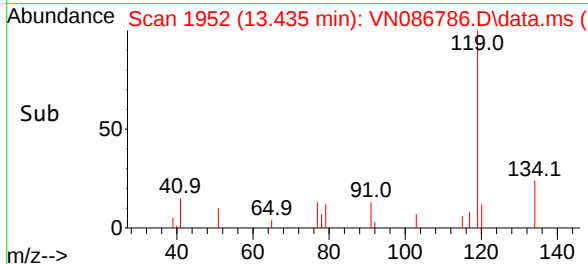
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



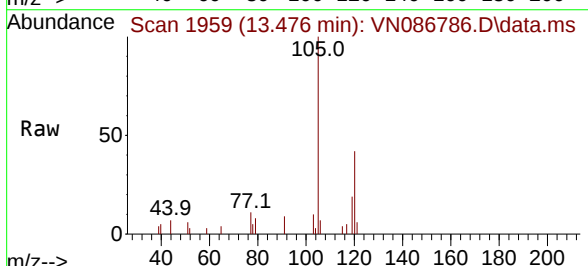
Tgt Ion:119 Resp: 717
Ion Ratio Lower Upper
119 100
91 65.9 32.9 98.7
134 26.3 13.4 40.1

Manual Integrations
APPROVED

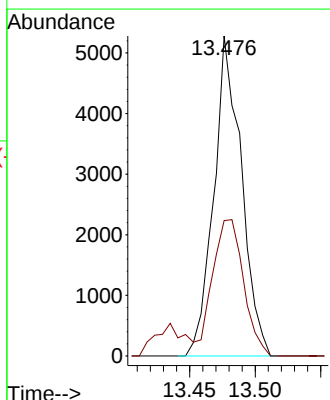
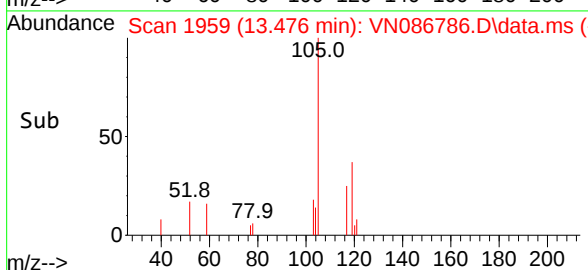
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

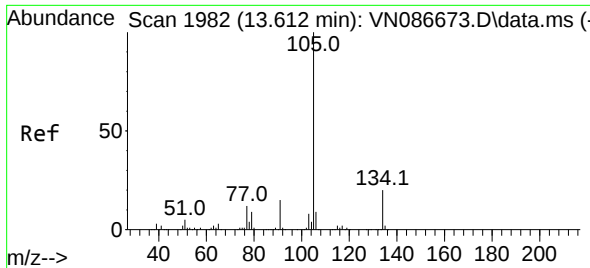


#84
1,2,4-Trimethylbenzene
Concen: 0.873 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07



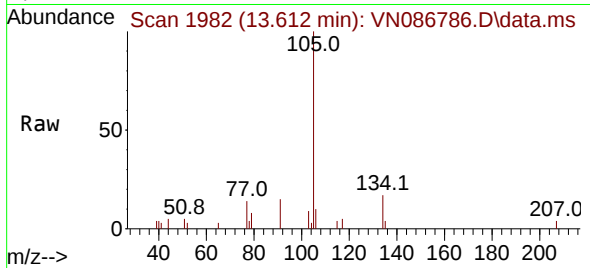
Tgt Ion:105 Resp: 7720
Ion Ratio Lower Upper
105 100
120 48.1 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 0.930 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086786.D
 Acq: 27 May 2025 16:07

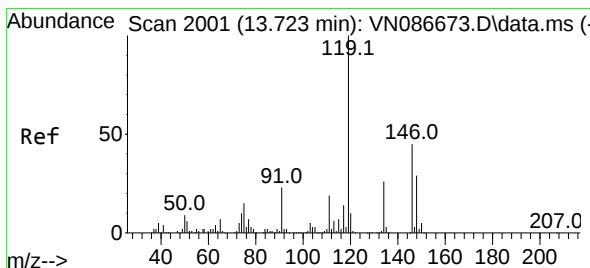
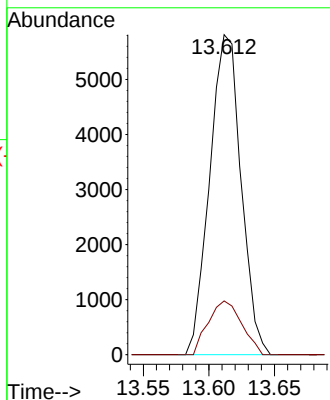
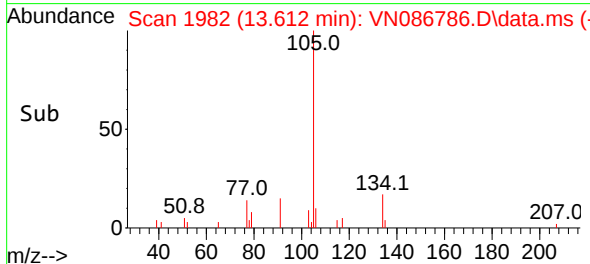
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT2-2025



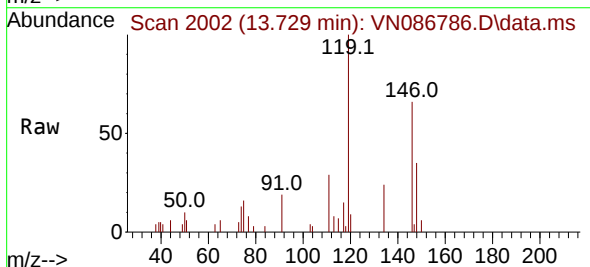
Tgt Ion:105 Resp: 9662
 Ion Ratio Lower Upper
 105 100
 134 18.0 10.1 30.1

Manual Integrations
 APPROVED

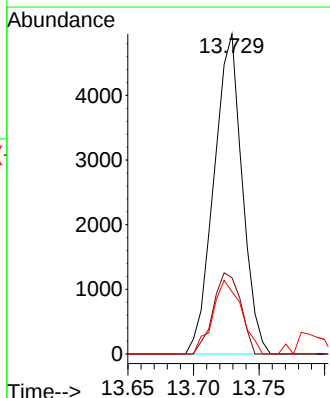
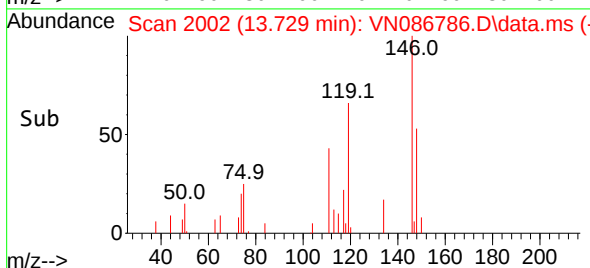
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

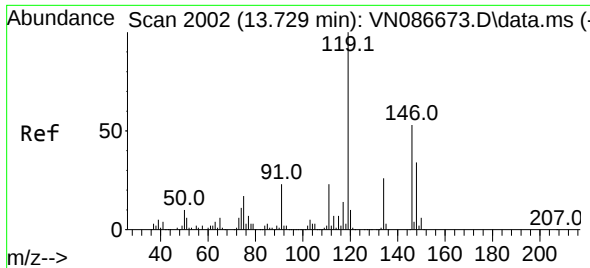


#86
 p-Isopropyltoluene
 Concen: 0.870 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086786.D
 Acq: 27 May 2025 16:07



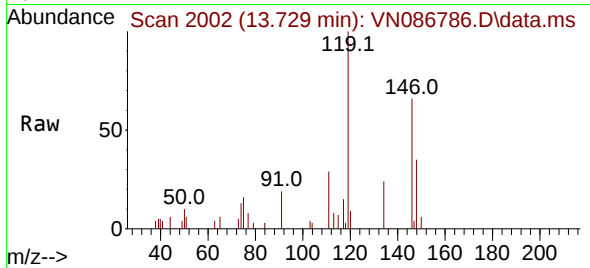
Tgt Ion:119 Resp: 7412
 Ion Ratio Lower Upper
 119 100
 134 24.6 13.1 39.1
 91 23.5 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 1.082 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

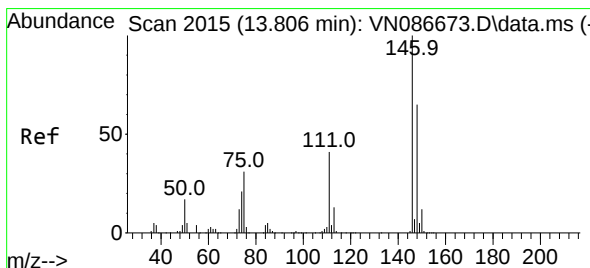
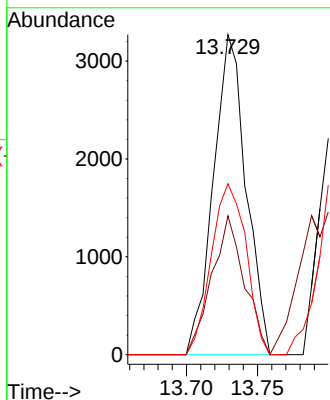
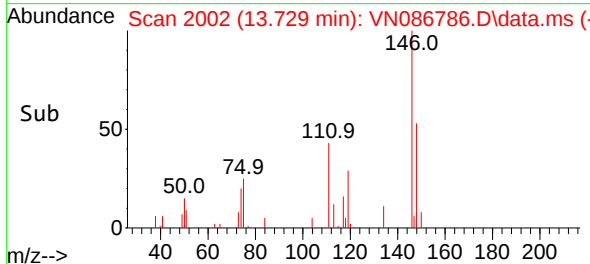
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



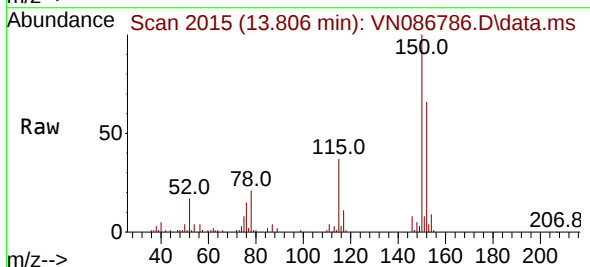
Tgt Ion:146 Resp: 5229
Ion Ratio Lower Upper
146 100
111 43.4 20.9 62.7
148 57.0 31.8 95.4

Manual Integrations
APPROVED

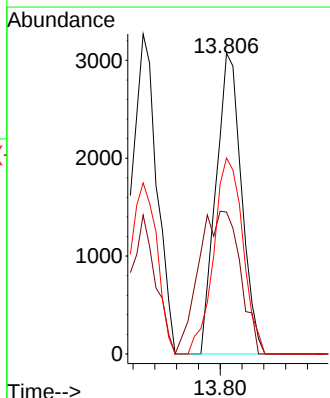
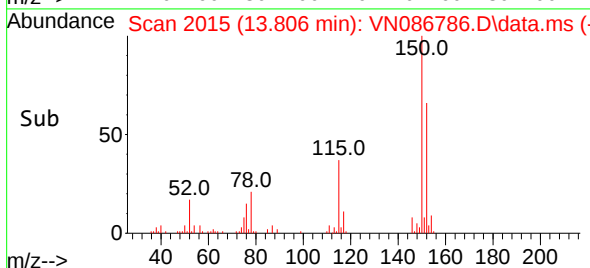
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

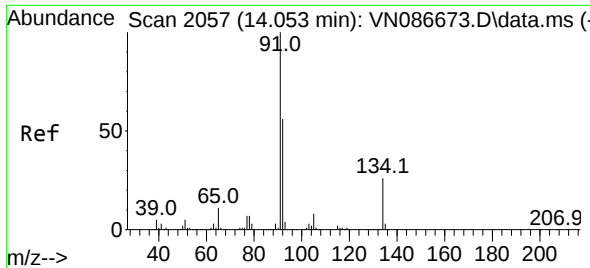


#88
1,4-Dichlorobenzene
Concen: 1.047 ug/l m
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07



Tgt Ion:146 Resp: 5011
Ion Ratio Lower Upper
146 100
111 45.3 20.6 61.8
148 59.5 32.0 96.0





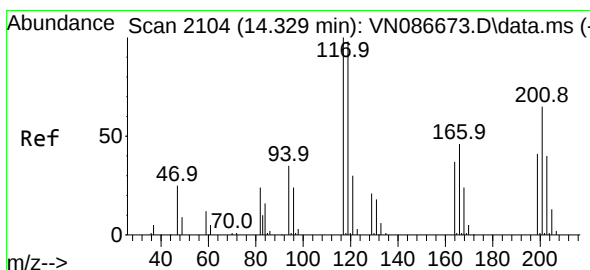
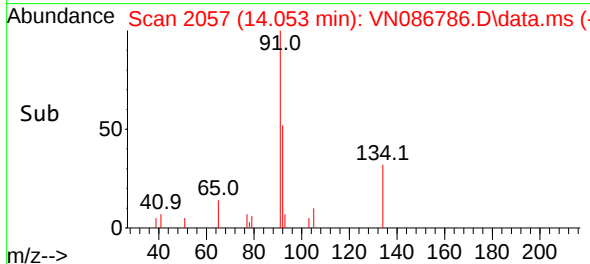
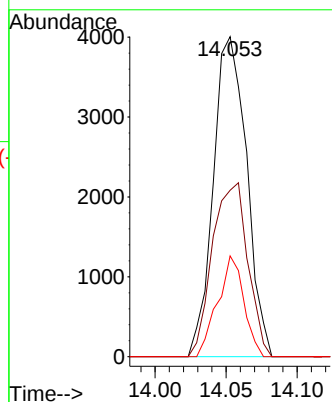
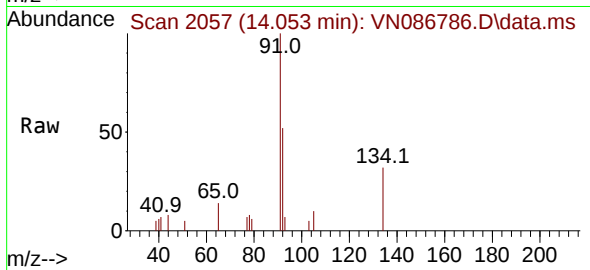
#89
n-Butylbenzene
Concen: 0.924 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025

Tgt Ion: 91 Resp: 652
Ion Ratio Lower Upper
91 100
92 57.7 27.4 82.0
134 24.8 12.8 38.4

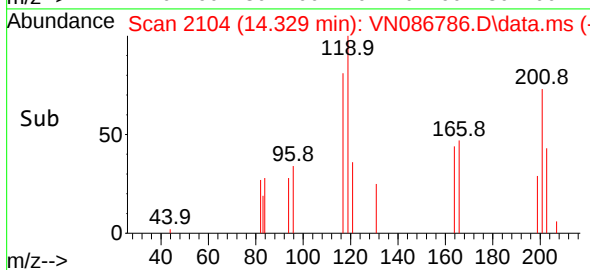
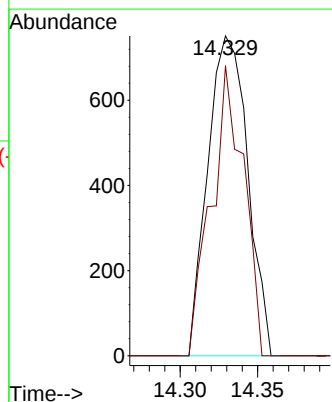
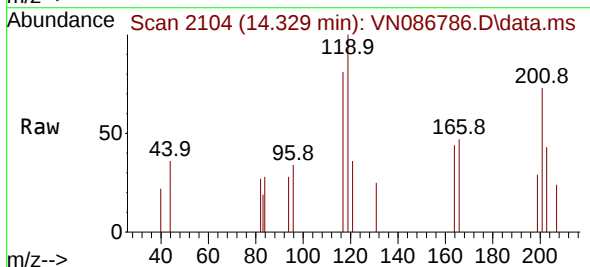
Manual Integrations
APPROVED

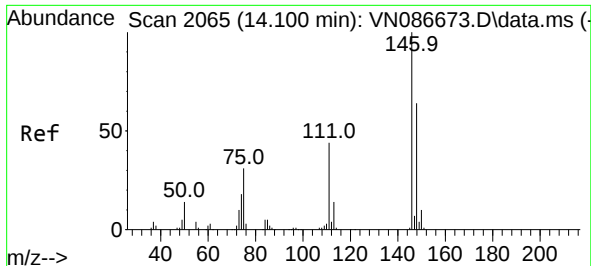
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 0.954 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Tgt Ion:117 Resp: 1348
Ion Ratio Lower Upper
117 100
201 73.4 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 1.109 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

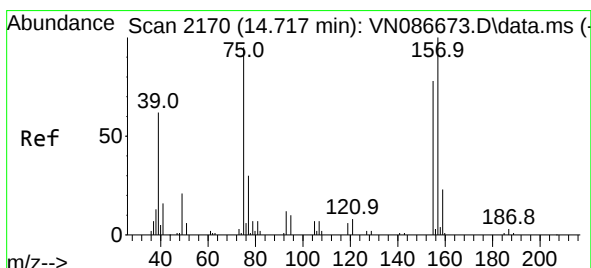
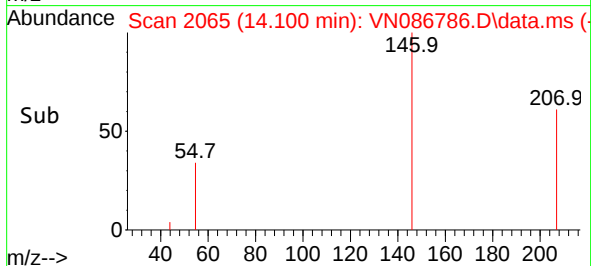
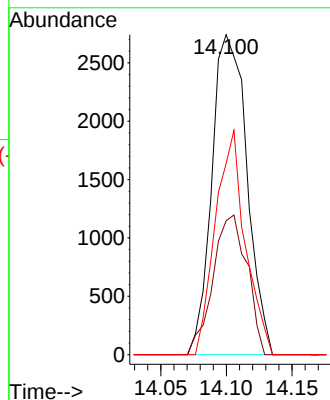
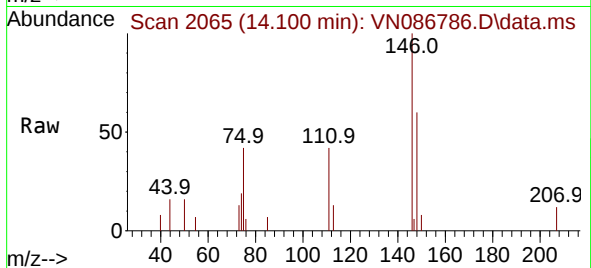
Tgt Ion:	146	Resp:	509
Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.6	65.0
148	59.7	31.7	95.1

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.725 ug/l

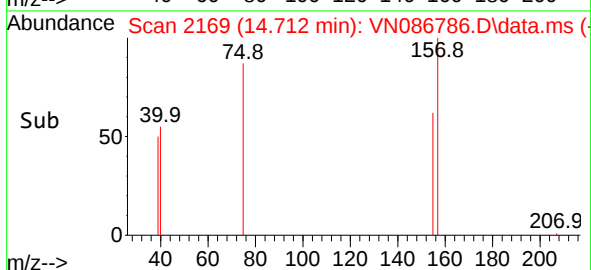
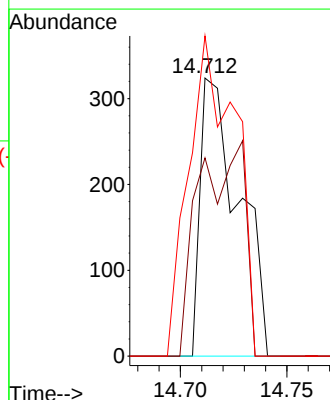
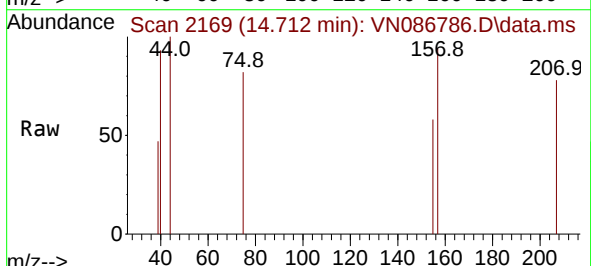
RT: 14.712 min Scan# 2169

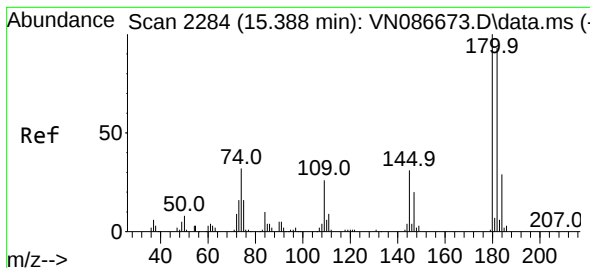
Delta R.T. -0.006 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

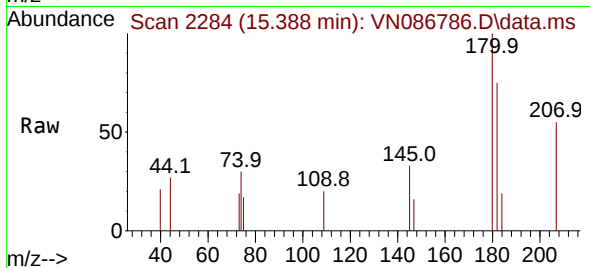
Tgt Ion:	75	Resp:	409
Ion	Ratio	Lower	Upper
75	100		
155	91.7	40.5	121.5
157	138.6	53.6	160.8





#93
 1,2,4-Trichlorobenzene
 Concen: 1.078 ug/l
 RT: 15.388 min Scan# 2100
 Delta R.T. -0.000 min
 Lab File: VN086786.D
 Acq: 27 May 2025 16:07

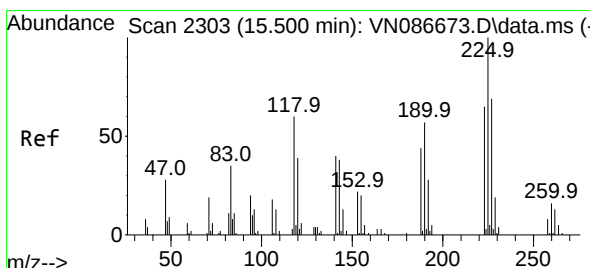
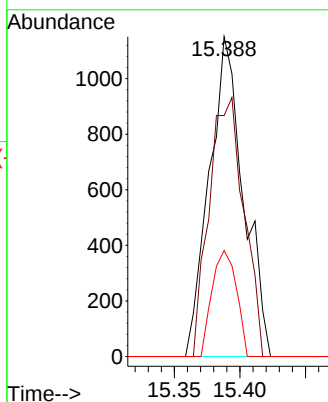
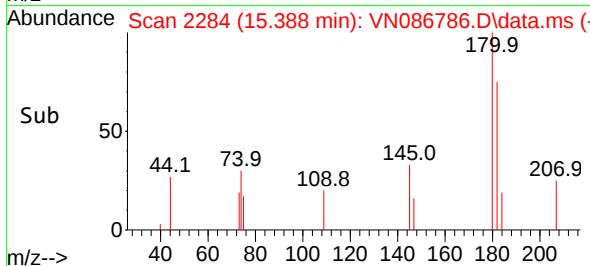
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



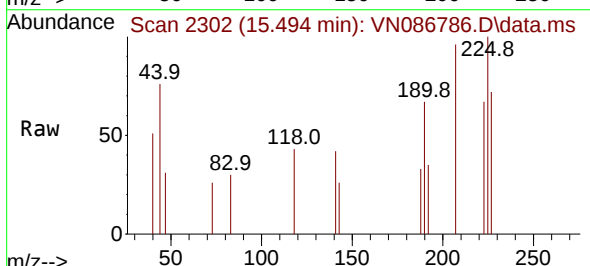
Tgt Ion:180 Resp: 2090
 Ion Ratio Lower Upper
 180 100
 182 82.1 47.1 141.3
 145 23.5 15.6 46.8

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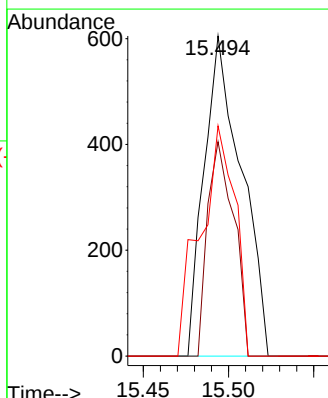
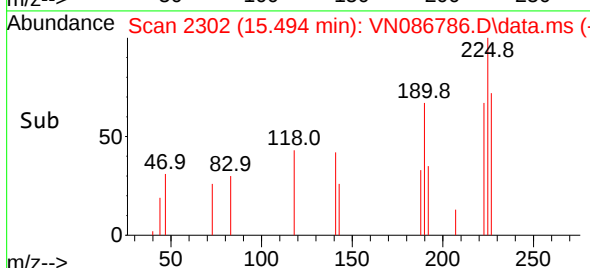
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

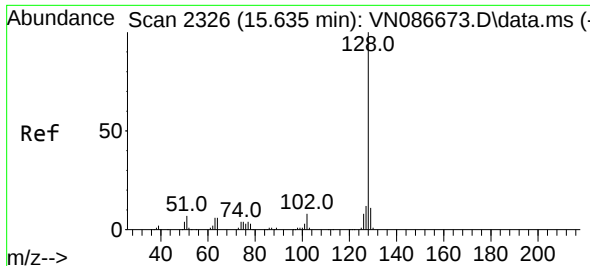


#94
 Hexachlorobutadiene
 Concen: 1.145 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086786.D
 Acq: 27 May 2025 16:07



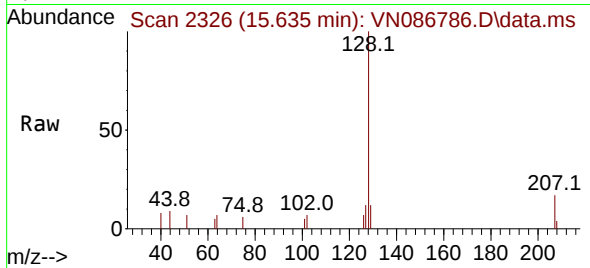
Tgt Ion:225 Resp: 921
 Ion Ratio Lower Upper
 225 100
 223 47.1 32.9 98.6
 227 67.0 32.4 97.2





#95
Naphthalene
Concen: 1.088 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

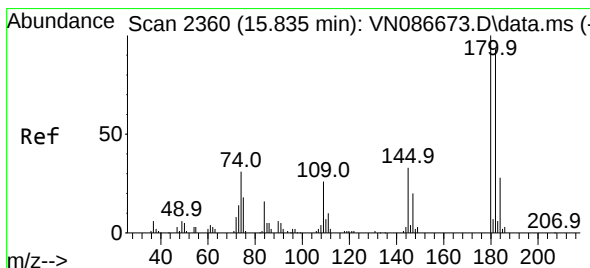
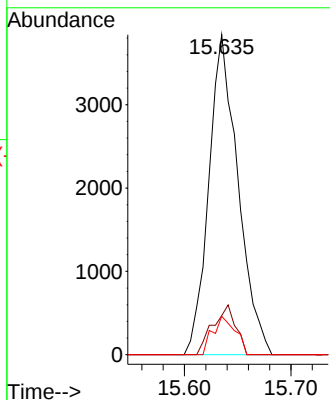
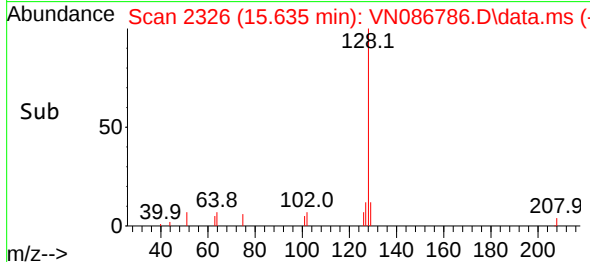
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:128 Resp: 7324
Ion Ratio Lower Upper
128 100
127 12.2 10.1 15.1
129 9.2 8.6 13.0

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



#96
1,2,3-Trichlorobenzene
Concen: 1.009 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086786.D
Acq: 27 May 2025 16:07

Tgt Ion:180 Resp: 1916
Ion Ratio Lower Upper
180 100
182 92.2 47.0 141.2
145 28.4 16.7 50.1

