

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086787.D
 Acq On : 27 May 2025 16:31
 Operator : JC\MD
 Sample : Q2126-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 29 01:52:15 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	225820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	402553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	351154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	153128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143588	46.016	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.040%		
35) Dibromofluoromethane	8.165	113	115651	48.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.480%		
50) Toluene-d8	10.565	98	488743	49.195	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.380%		
62) 4-Bromofluorobenzene	12.847	95	172901	49.289	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	9769	4.006	ug/l	93
3) Chloromethane	2.359	50	16654	4.515	ug/l	96
4) Vinyl Chloride	2.512	62	15038	4.540	ug/l	96
5) Bromomethane	2.947	94	8940	4.681	ug/l	91
6) Chloroethane	3.112	64	9905	4.564	ug/l	94
7) Trichlorofluoromethane	3.494	101	19281	4.870	ug/l	90
8) Diethyl Ether	3.959	74	8138	4.976	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	11661	4.920	ug/l	95
10) Methyl Iodide	4.583	142	13975	4.740	ug/l #	94
11) Tert butyl alcohol	5.518	59	12463	21.930	ug/l #	84
12) 1,1-Dichloroethene	4.341	96	12589	4.998	ug/l	79
13) Acrolein	4.183	56	7035	11.580	ug/l	100
14) Allyl chloride	5.018	41	18917	4.962	ug/l	90
15) Acrylonitrile	5.712	53	32703	23.241	ug/l	99
16) Acetone	4.430	43	24834	21.276	ug/l	94
17) Carbon Disulfide	4.712	76	34268	4.914	ug/l	95
18) Methyl Acetate	5.030	43	20231	6.193	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	41604	4.851	ug/l	96
20) Methylene Chloride	5.271	84	14386	4.670	ug/l	99
21) trans-1,2-Dichloroethene	5.788	96	13293	4.992	ug/l	90
22) Diisopropyl ether	6.671	45	39902	4.639	ug/l	94
23) Vinyl Acetate	6.600	43	81378	12.589	ug/l	99
24) 1,1-Dichloroethane	6.565	63	24348	4.822	ug/l	95
25) 2-Butanone	7.482	43	38867	21.548	ug/l	91
26) 2,2-Dichloropropane	7.488	77	20526	4.926	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	16172	4.948	ug/l	99
28) Bromochloromethane	7.812	49	10671	4.651	ug/l	92
29) Tetrahydrofuran	7.841	42	26829	22.788	ug/l	99
30) Chloroform	7.959	83	24000	4.748	ug/l	97
31) Cyclohexane	8.253	56	24969	5.332	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	21364	5.013	ug/l	91
36) 1,1-Dichloropropene	8.365	75	17399	4.920	ug/l	99
37) Ethyl Acetate	7.565	43	16756	4.691	ug/l	99
38) Carbon Tetrachloride	8.359	117	17197	4.936	ug/l	94
39) Methylcyclohexane	9.594	83	19125	4.997	ug/l	92
40) Benzene	8.600	78	58466	5.068	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	8491	4.402	ug/l	95
42) 1,2-Dichloroethane	8.665	62	17835	4.963	ug/l	100
43) Isopropyl Acetate	8.688	43	31693	4.426	ug/l	99
44) Trichloroethene	9.347	130	17741	6.376	ug/l	96
45) 1,2-Dichloropropane	9.618	63	13828	5.046	ug/l	89
46) Dibromomethane	9.706	93	9319	5.040	ug/l	99
47) Bromodichloromethane	9.888	83	18727	4.915	ug/l	96
48) Methyl methacrylate	9.676	41	12771	4.602	ug/l	95
49) 1,4-Dioxane	9.688	88	5012	85.300	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	81674	22.617	ug/l	99
52) Toluene	10.623	92	36178	5.046	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	20071	4.976	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	21874	4.967	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	13227	4.946	ug/l	87
56) Ethyl methacrylate	10.870	69	20404	4.752	ug/l #	95
57) 1,3-Dichloropropane	11.165	76	22608	4.907	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	45252	23.579	ug/l	99
59) 2-Hexanone	11.194	43	58867	22.323	ug/l	99
60) Dibromochloromethane	11.353	129	13925	4.968	ug/l	99
61) 1,2-Dibromoethane	11.465	107	13549	5.041	ug/l	98
64) Tetrachloroethene	11.100	164	20499	7.620	ug/l	97
65) Chlorobenzene	11.888	112	40647	5.279	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	13226	5.321	ug/l	98
67) Ethyl Benzene	11.959	91	66097	5.011	ug/l	97
68) m/p-Xylenes	12.070	106	51513	10.312	ug/l	96
69) o-Xylene	12.394	106	25304	5.095	ug/l	99
70) Styrene	12.406	104	39518	4.860	ug/l	99
71) Bromoform	12.576	173	9566	5.411	ug/l #	99
73) Isopropylbenzene	12.694	105	59113	4.998	ug/l	100
74) N-amyl acetate	12.494	43	20345	4.117	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	12821	3.529	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	17738m	5.122	ug/l	
77) Bromobenzene	12.976	156	15127	5.085	ug/l	96
78) n-propylbenzene	13.035	91	66319	4.886	ug/l	98
79) 2-Chlorotoluene	13.123	91	44683	5.063	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	47016	4.962	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	6971	5.080	ug/l #	87
82) 4-Chlorotoluene	13.217	91	43671	4.995	ug/l	99
83) tert-Butylbenzene	13.435	119	40511	4.903	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	45796	4.853	ug/l	100
85) sec-Butylbenzene	13.611	105	54313	4.902	ug/l	99
86) p-Isopropyltoluene	13.723	119	43878	4.831	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	26104	5.067	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	26728	5.236	ug/l	95
89) n-Butylbenzene	14.053	91	35153	4.669	ug/l	99
90) Hexachloroethane	14.329	117	7728	5.128	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	25192	5.141	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.711	75	2855	4.743	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	10169	4.917	ug/l	97
94) Hexachlorobutadiene	15.494	225	4326	5.041	ug/l	99
95) Naphthalene	15.635	128	32669	4.549	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	9537	4.708	ug/l	96

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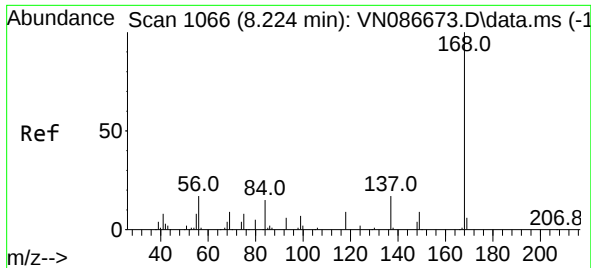
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/29/2025

Quant Time: May 29 01:52:15 2025
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Quant Title : SW846 8260
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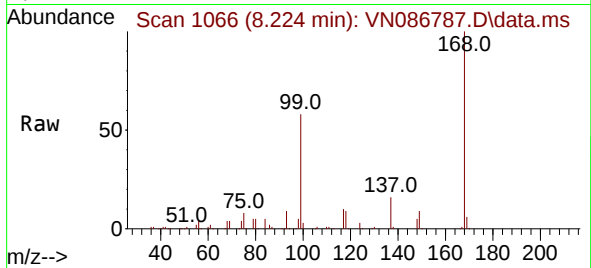
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086787.D
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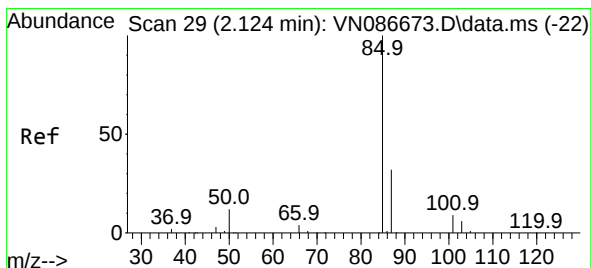
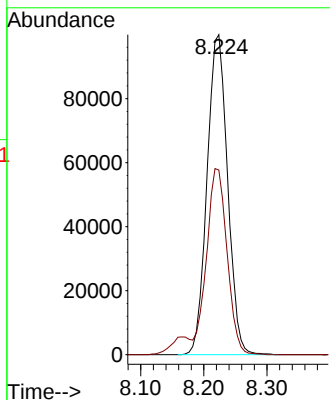
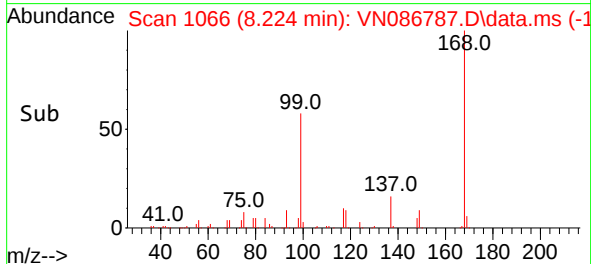
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:168 Resp: 225820
Ion Ratio Lower Upper
168 100
99 57.7 47.0 70.4

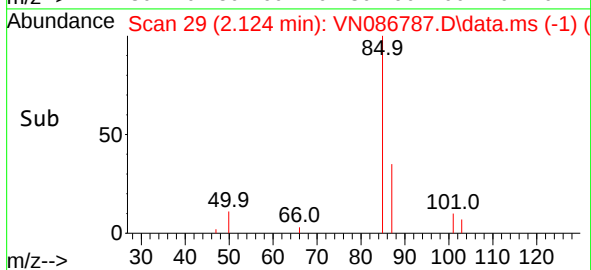
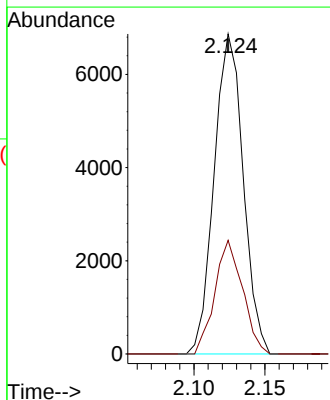
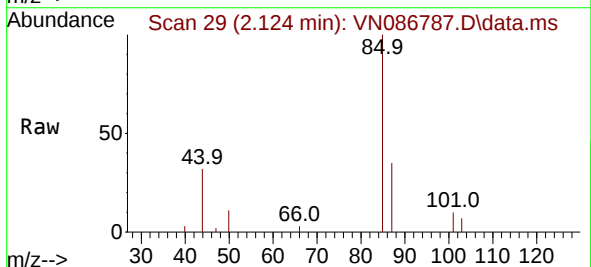
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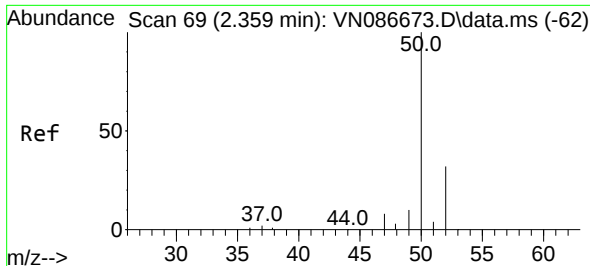
Reviewed By :John Carlone 05/29/2025
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#2
Dichlorodifluoromethane
Concen: 4.006 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

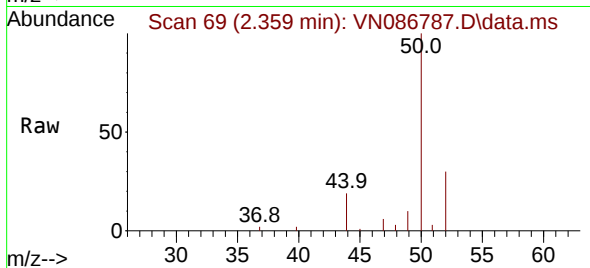
Tgt Ion: 85 Resp: 9769
Ion Ratio Lower Upper
85 100
87 35.5 15.9 47.6





#3
Chloromethane
Concen: 4.515 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

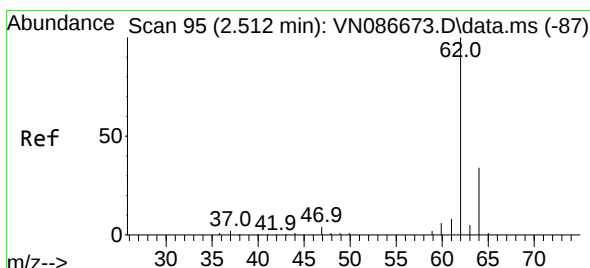
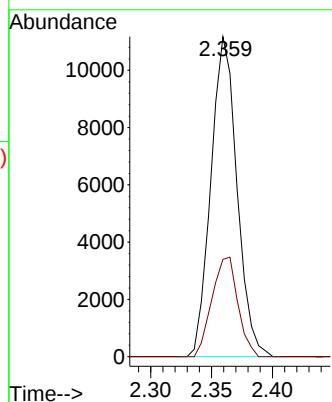
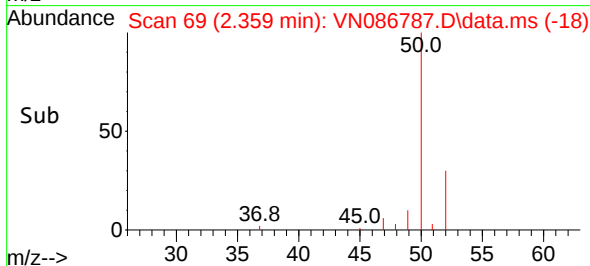
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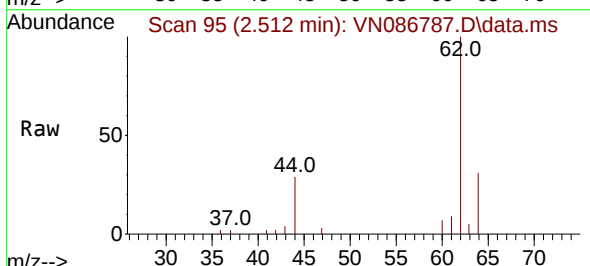
Tgt Ion: 50 Resp: 16654
Ion Ratio Lower Upper
50 100
52 30.4 25.9 38.9

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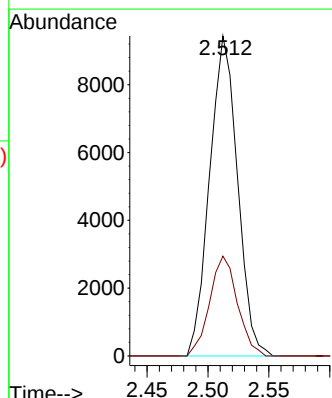
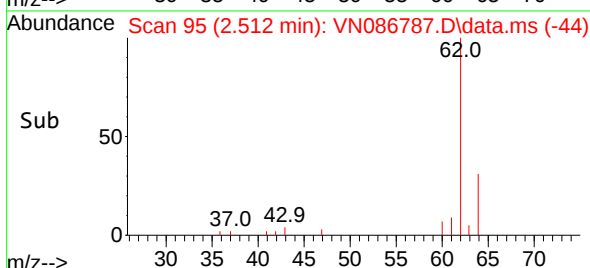
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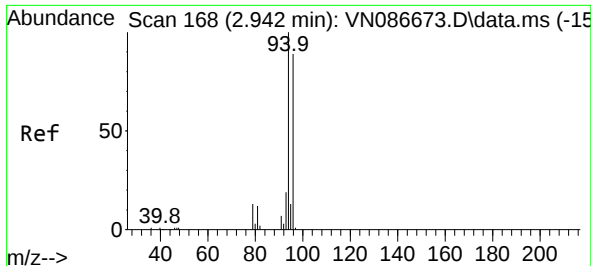


#4
Vinyl Chloride
Concen: 4.540 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31



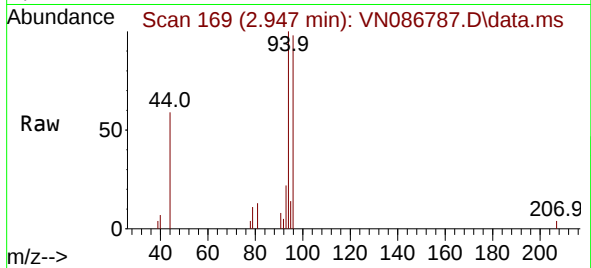
Tgt Ion: 62 Resp: 15038
Ion Ratio Lower Upper
62 100
64 31.2 26.9 40.3





#5
Bromomethane
Concen: 4.681 ug/l
RT: 2.947 min Scan# 168
Delta R.T. 0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

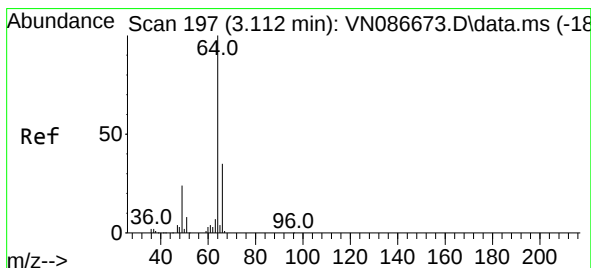
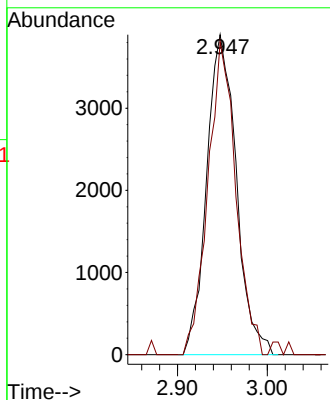
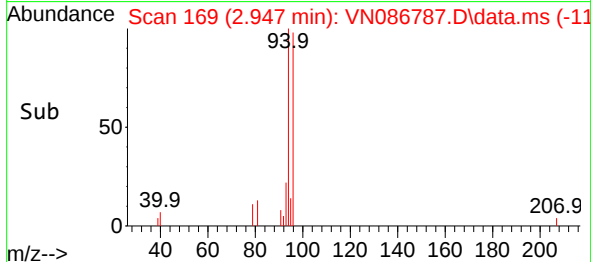
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Tgt Ion: 94 Resp: 8940
Ion Ratio Lower Upper
94 100
96 97.8 71.2 106.8

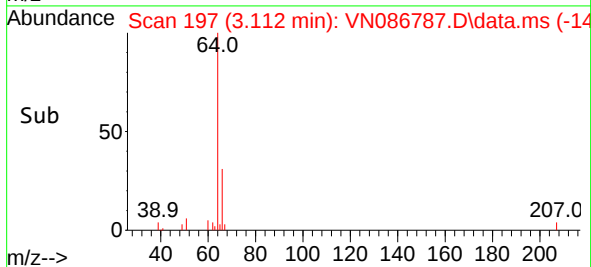
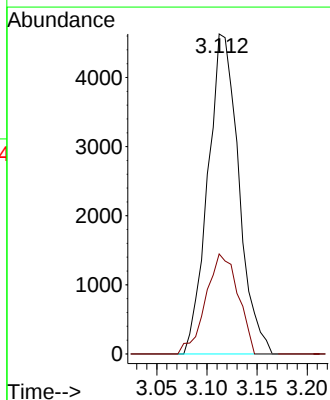
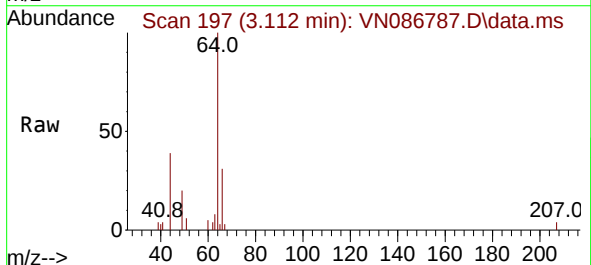
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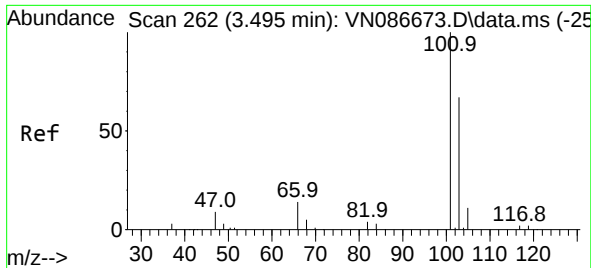
Reviewed By :John Carlone 05/29/2025
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#6
Chloroethane
Concen: 4.564 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086787.D
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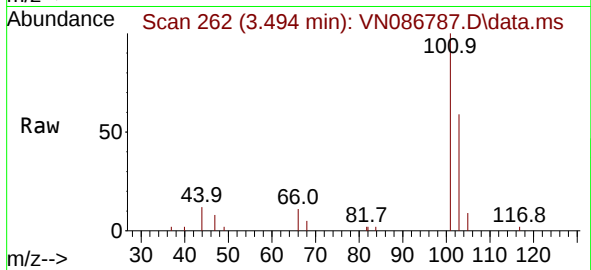
Tgt Ion: 64 Resp: 9905
Ion Ratio Lower Upper
64 100
66 31.3 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 4.870 ug/l
 RT: 3.494 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN086787.D
 Acq: 27 May 2025 16:31

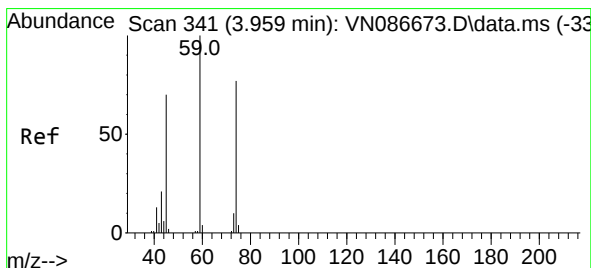
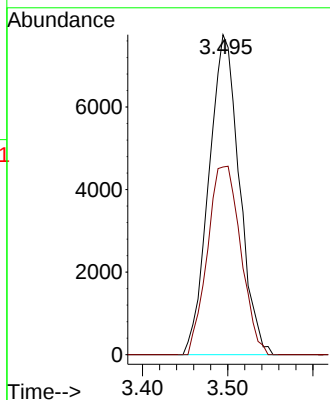
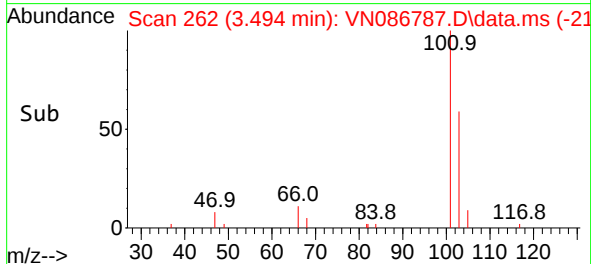
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:101 Resp: 1928
 Ion Ratio Lower Upper
 101 100
 103 58.6 53.4 80.0

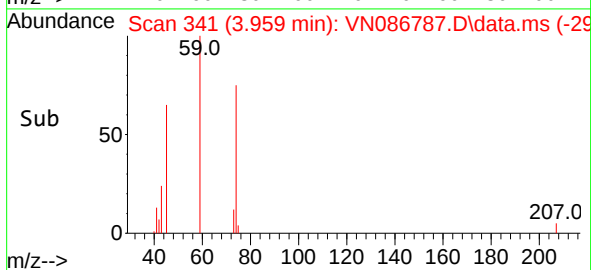
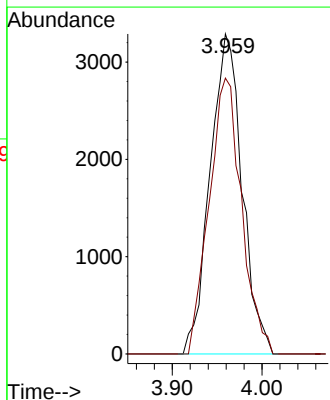
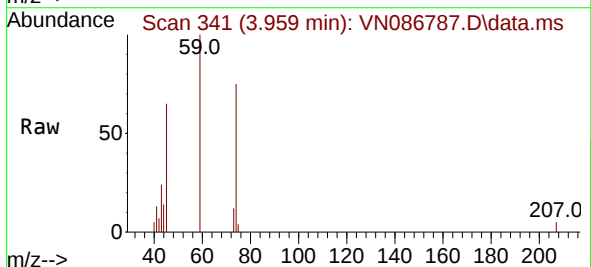
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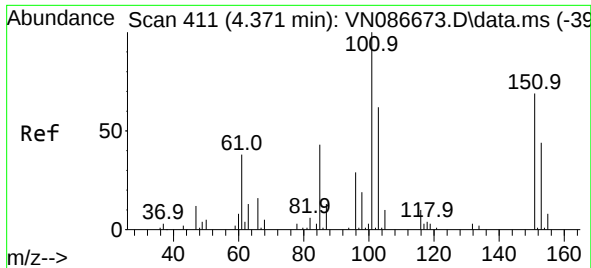
Reviewed By :John Carlone 05/29/2025
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#8
 Diethyl Ether
 Concen: 4.976 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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 Acq: 27 May 2025 16:31

Tgt Ion: 74 Resp: 8138
 Ion Ratio Lower Upper
 74 100
 45 87.4 45.0 135.0





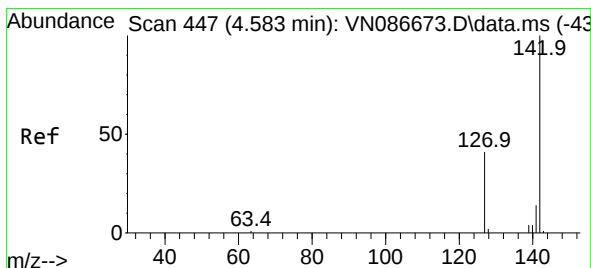
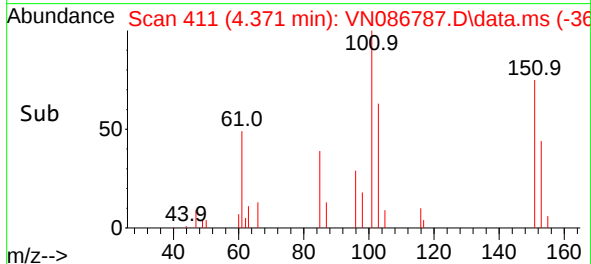
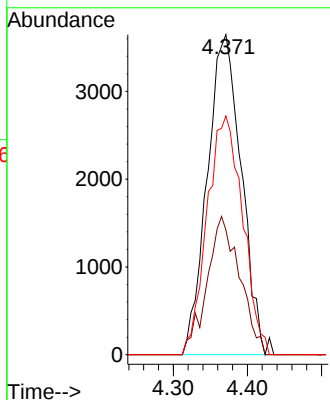
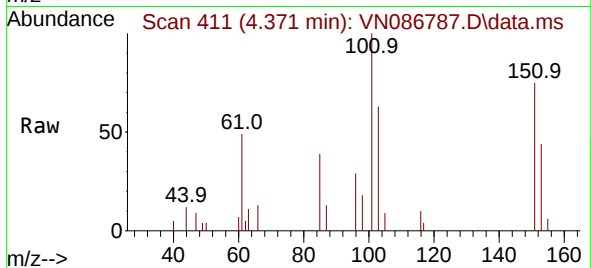
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.920 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

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

Tgt Ion:101 Resp: 1166
Ion Ratio Lower Upper
101 100
85 41.5 35.0 52.6
151 77.9 58.1 87.1

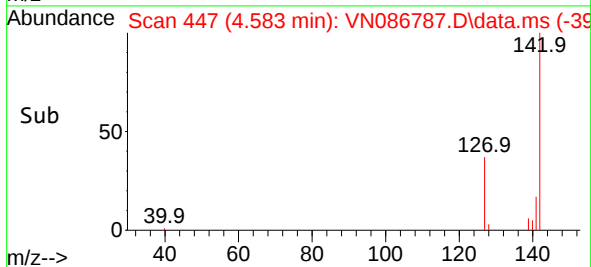
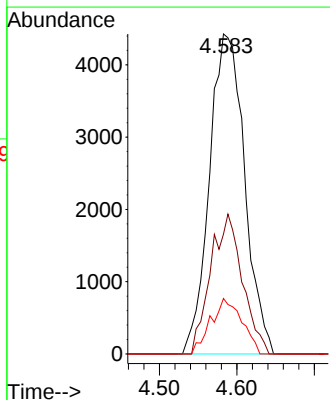
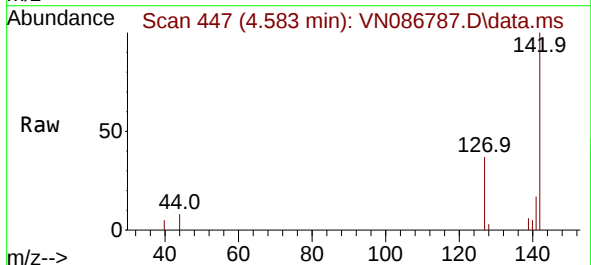
Manual Integrations
APPROVED

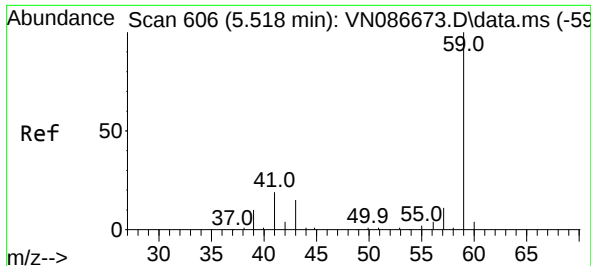
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 4.740 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

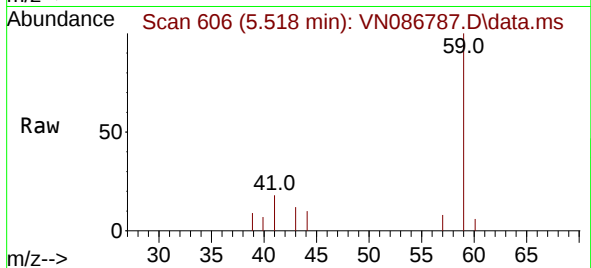
Tgt Ion:142 Resp: 13975
Ion Ratio Lower Upper
142 100
127 37.5 32.4 48.6
141 17.3 11.4 17.2#





#11
Tert butyl alcohol
Concen: 21.930 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

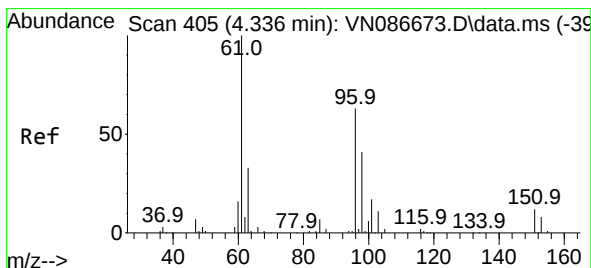
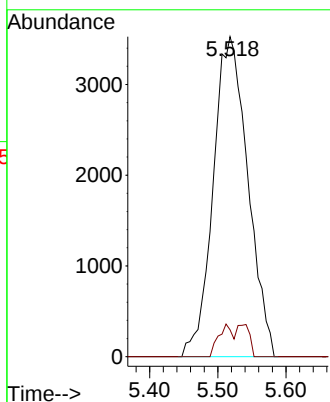
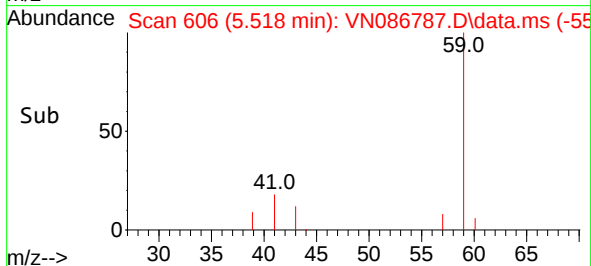
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



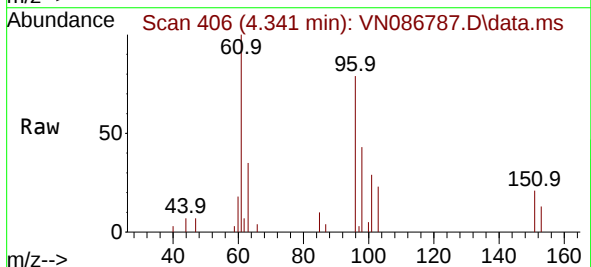
Tgt Ion: 59 Resp: 1246
Ion Ratio Lower Upper
59 100
57 4.2 8.2 12.2

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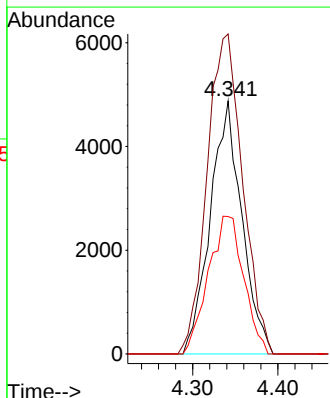
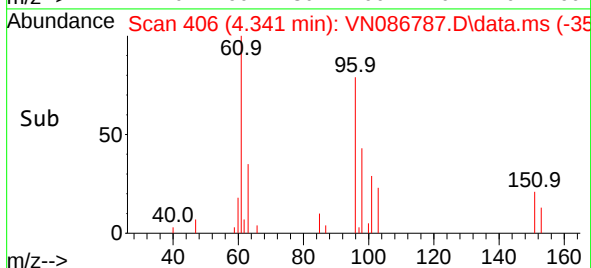
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#12
1,1-Dichloroethene
Concen: 4.998 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31



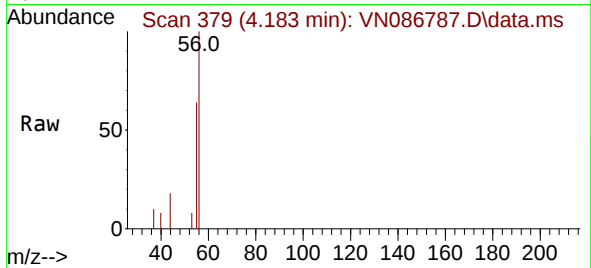
Tgt Ion: 96 Resp: 12589
Ion Ratio Lower Upper
96 100
61 126.5 126.2 189.2
98 54.4 51.5 77.3





#13
Acrolein
Concen: 11.580 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

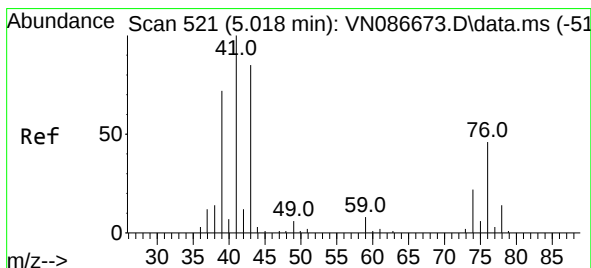
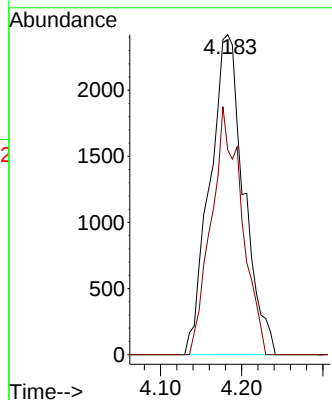
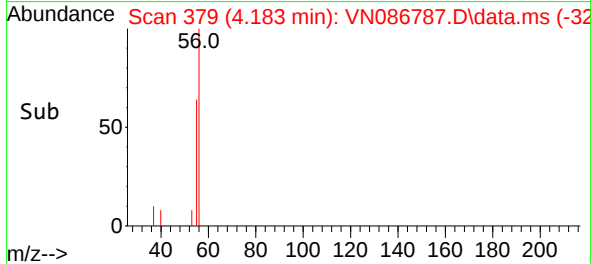
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



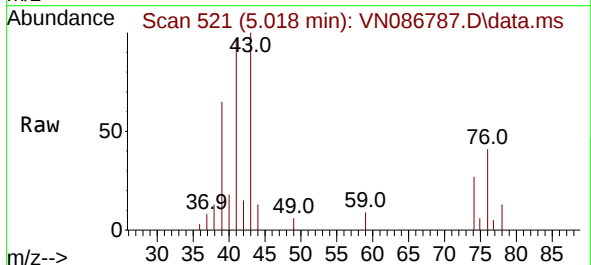
Tgt Ion: 56 Resp: 7035
Ion Ratio Lower Upper
56 100
55 69.7 55.7 83.5

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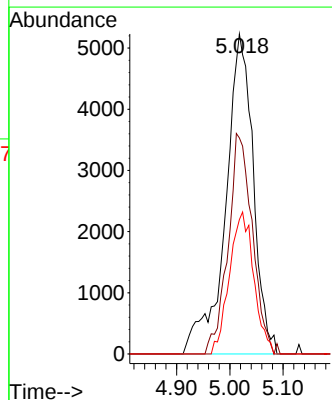
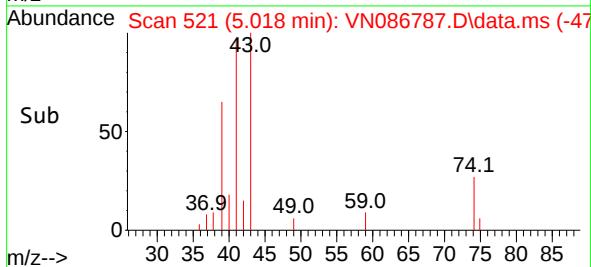
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

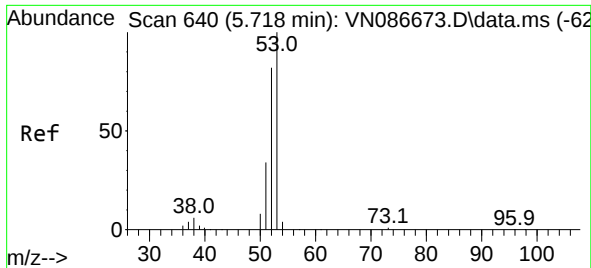


#14
Allyl chloride
Concen: 4.962 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31



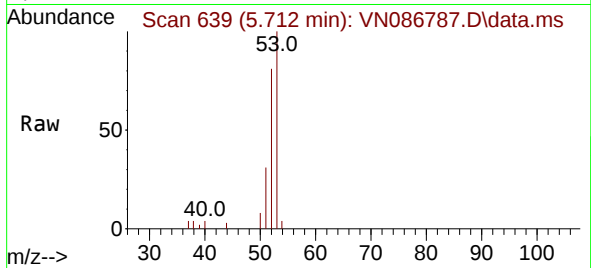
Tgt Ion: 41 Resp: 18917
Ion Ratio Lower Upper
41 100
39 60.4 57.4 86.0
76 38.9 33.2 49.8





#15
Acrylonitrile
Concen: 23.241 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

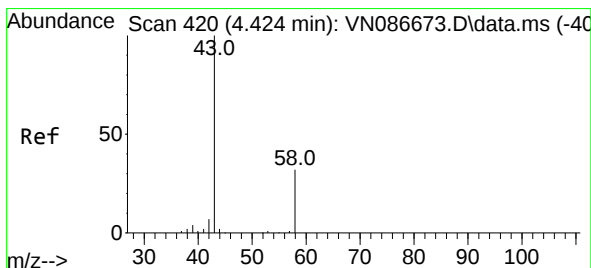
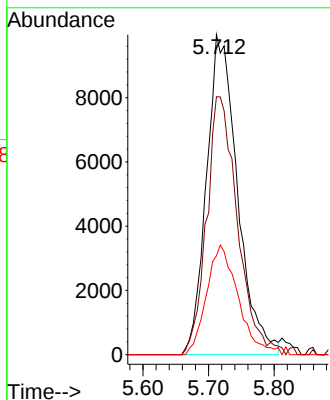
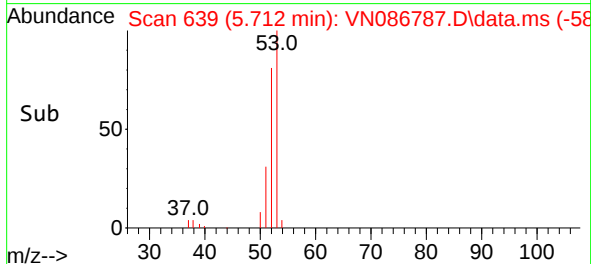
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 53 Resp: 3270
Ion Ratio Lower Upper
53 100
52 80.4 65.4 98.2
51 35.2 27.9 41.9

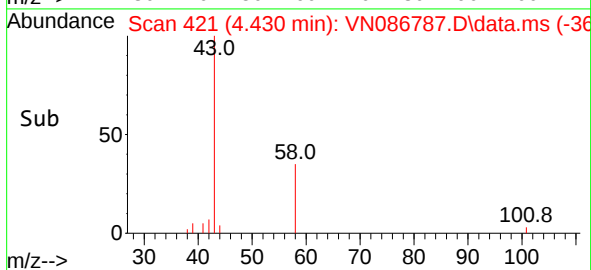
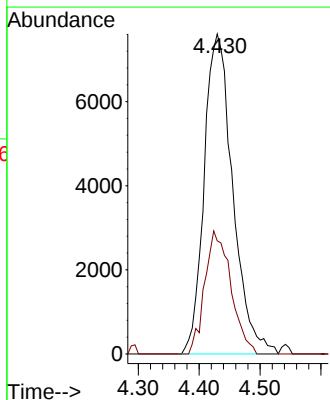
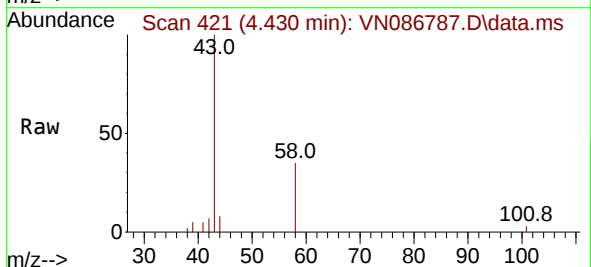
Manual Integrations
APPROVED

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



#16
Acetone
Concen: 21.276 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

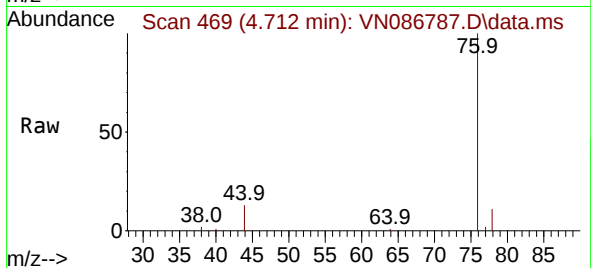
Tgt Ion: 43 Resp: 24834
Ion Ratio Lower Upper
43 100
58 35.4 25.8 38.6





#17
Carbon Disulfide
Concen: 4.914 ug/l
RT: 4.712 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

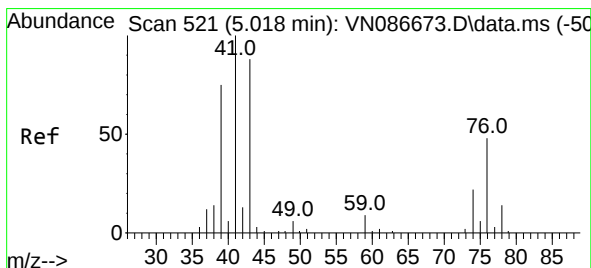
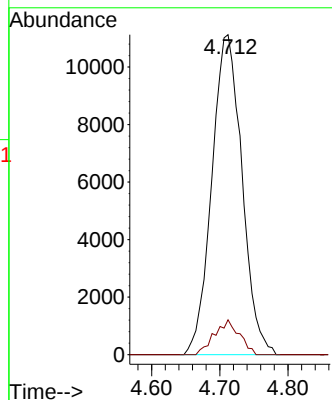
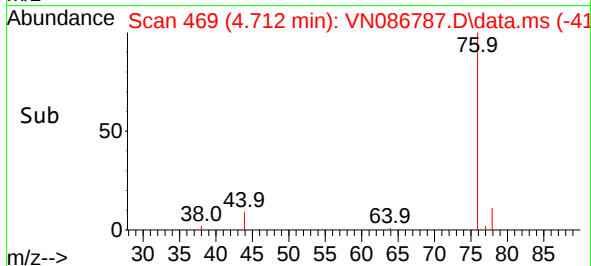
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



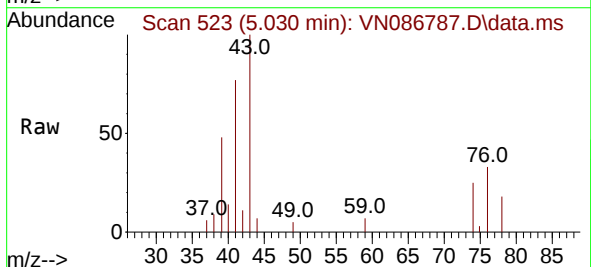
Tgt Ion: 76 Resp: 3426
Ion Ratio Lower Upper
76 100
78 10.9 7.3 10.9

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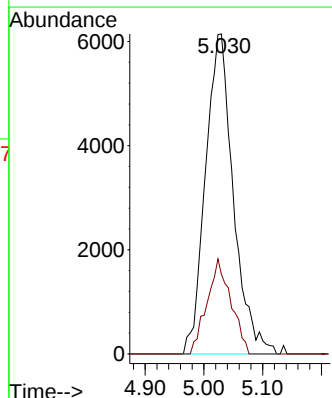
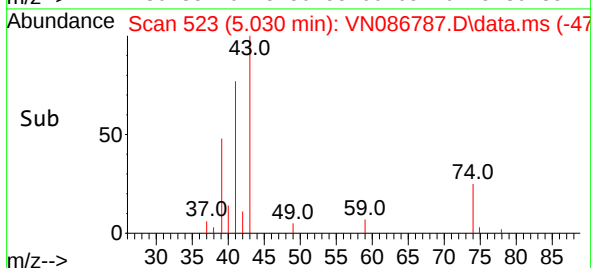
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

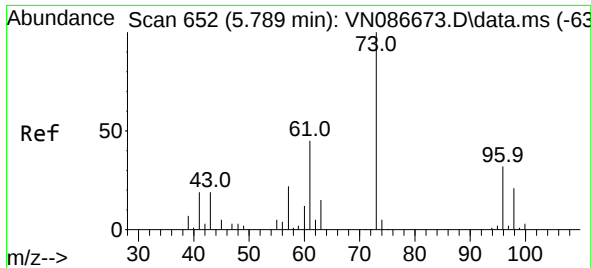


#18
Methyl Acetate
Concen: 6.193 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31



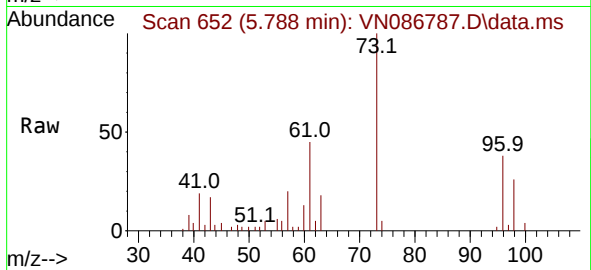
Tgt Ion: 43 Resp: 20231
Ion Ratio Lower Upper
43 100
74 25.4 20.5 30.7





#19
Methyl tert-butyl Ether
Concen: 4.851 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

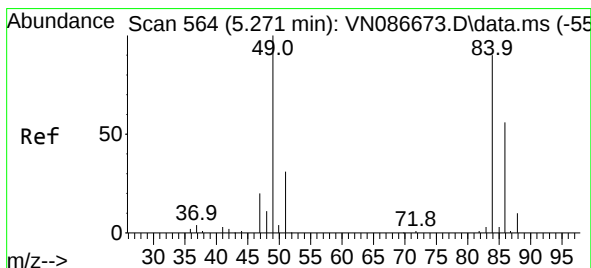
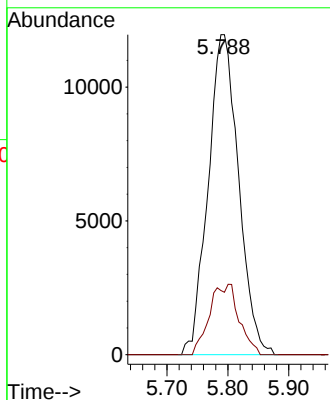
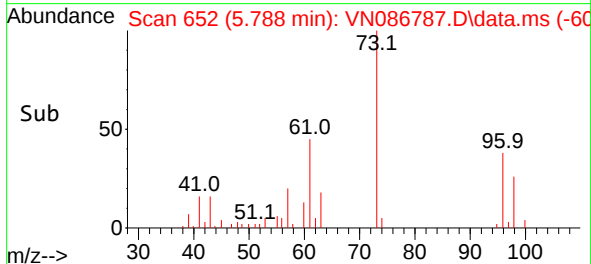
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 73 Resp: 41604
Ion Ratio Lower Upper
73 100
57 20.1 17.7 26.5

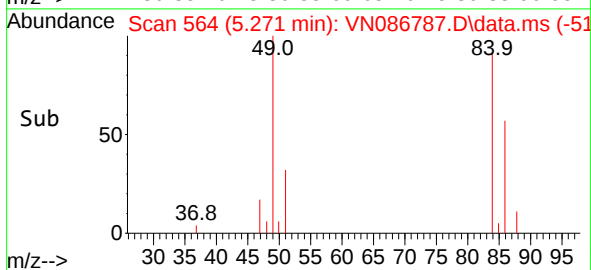
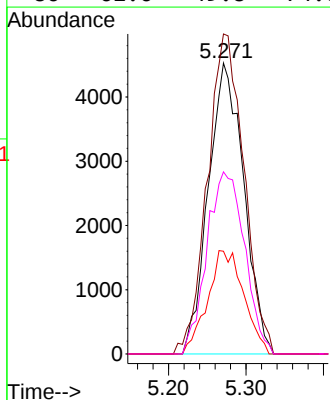
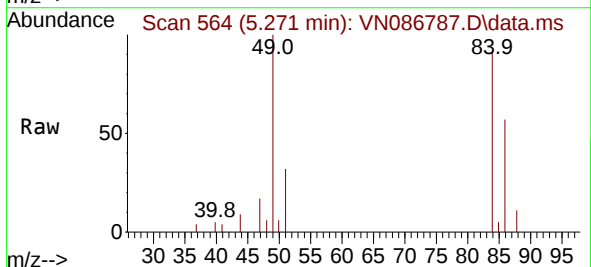
Manual Integrations
APPROVED

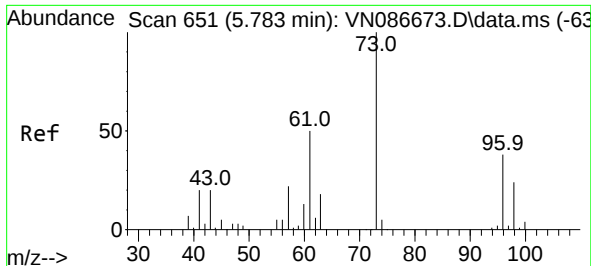
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 4.670 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

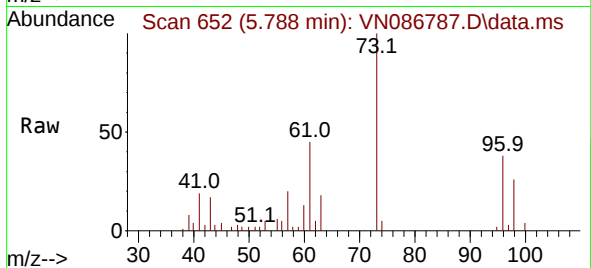
Tgt Ion: 84 Resp: 14386
Ion Ratio Lower Upper
84 100
49 110.0 88.8 133.2
51 35.3 27.8 41.6
86 62.6 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 4.992 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

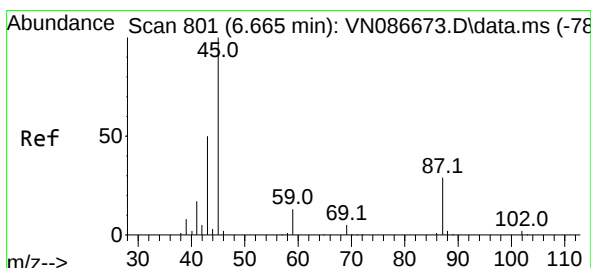
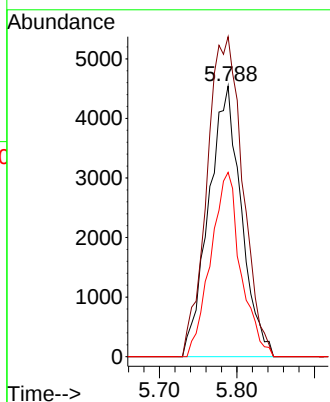
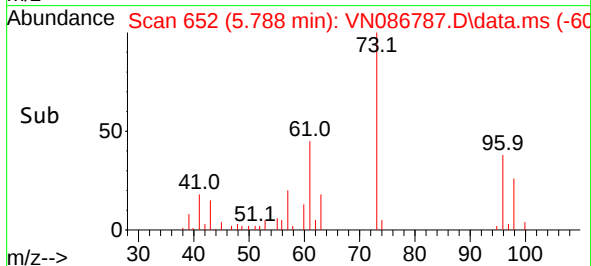
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



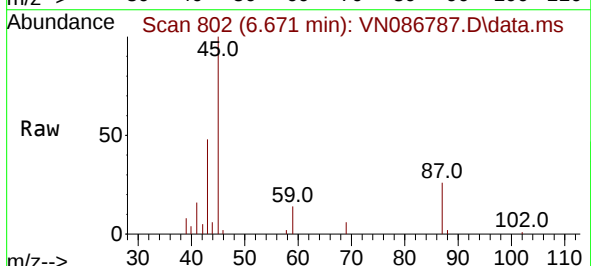
Tgt Ion: 96 Resp: 1329
Ion Ratio Lower Upper
96 100
61 118.2 105.7 158.5
98 68.1 51.0 76.6

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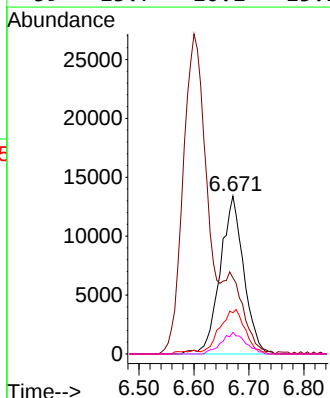
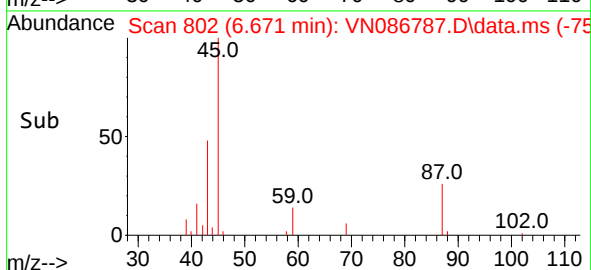
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

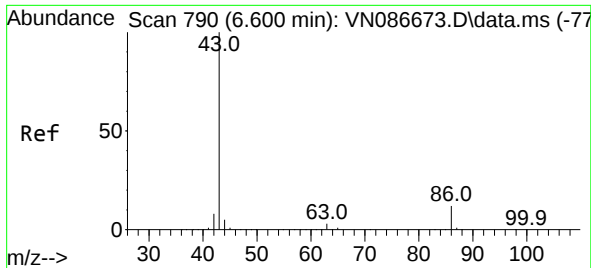


#22
Diisopropyl ether
Concen: 4.639 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31



Tgt Ion: 45 Resp: 39902
Ion Ratio Lower Upper
45 100
43 46.8 41.4 62.2
87 26.2 22.9 34.3
59 13.7 10.1 15.1





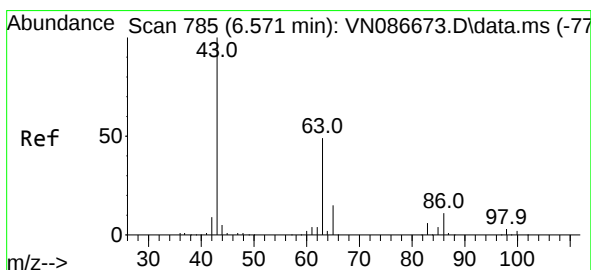
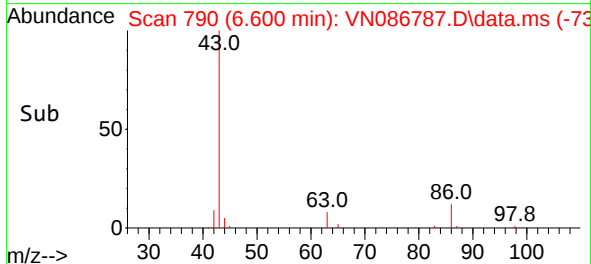
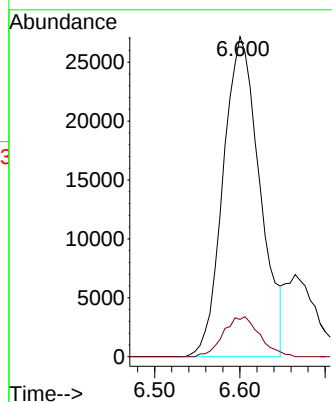
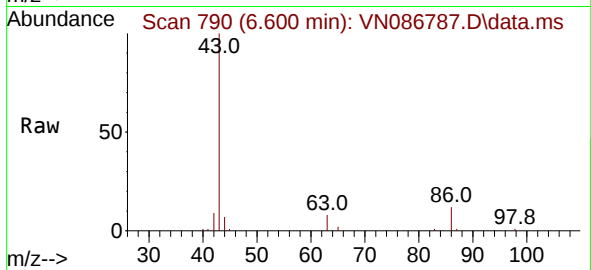
#23
 Vinyl Acetate
 Concen: 12.589 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086787.D
 Acq: 27 May 2025 16:31

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

Tgt Ion: 43 Resp: 81378
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.5 14.3

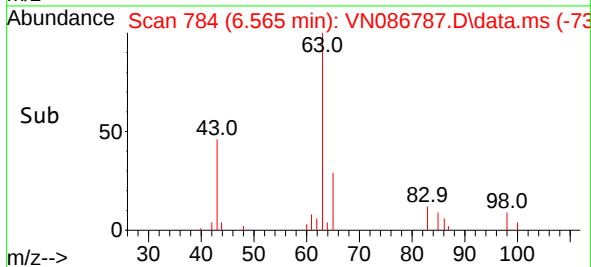
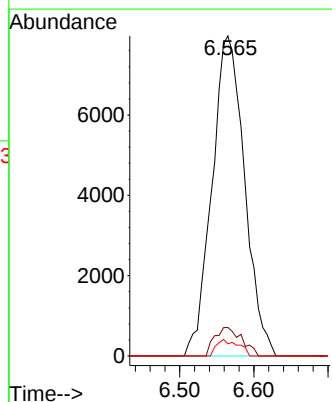
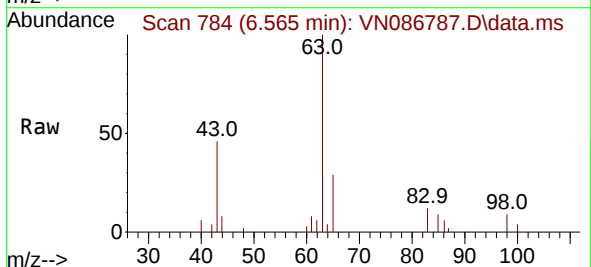
Manual Integrations
 APPROVED

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



#24
 1,1-Dichloroethane
 Concen: 4.822 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086787.D
 Acq: 27 May 2025 16:31

Tgt Ion: 63 Resp: 24348
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.4 10.2
 100 3.8 2.4 7.1





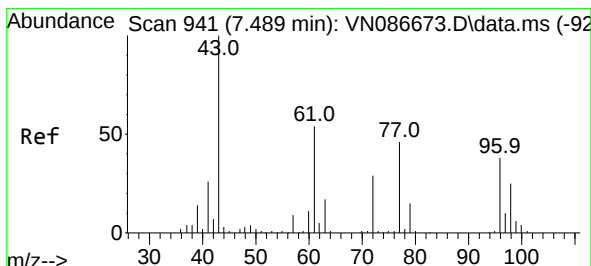
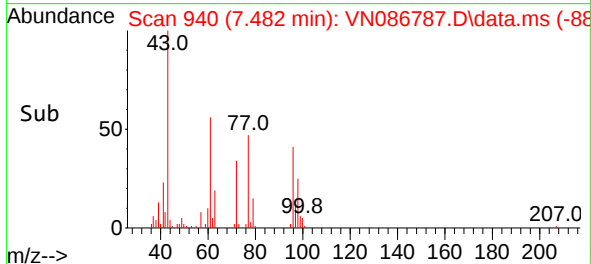
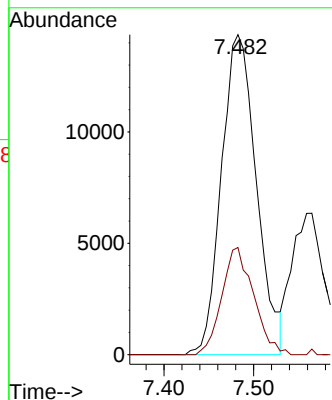
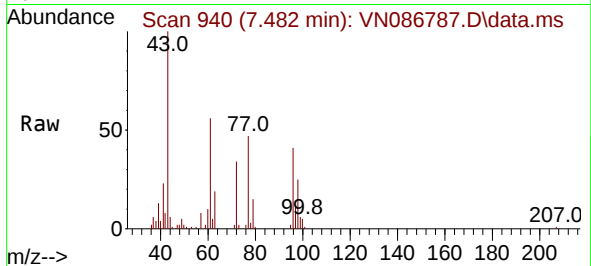
#25
2-Butanone
Concen: 21.548 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

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

Tgt Ion: 43 Resp: 3886
Ion Ratio Lower Upper
43 100
72 33.5 23.1 34.7

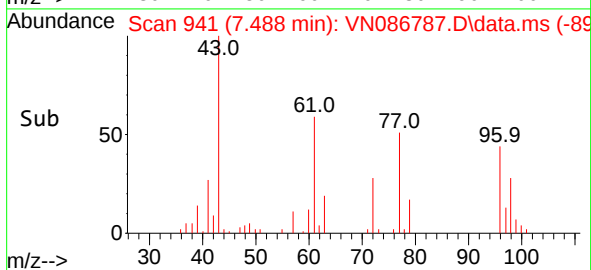
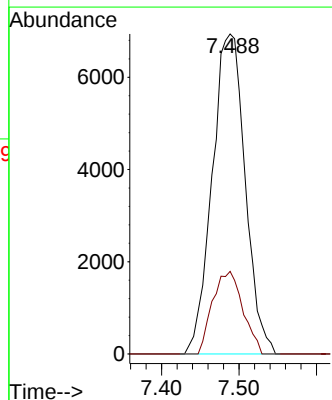
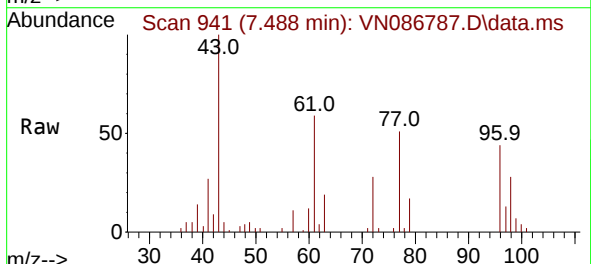
Manual Integrations
APPROVED

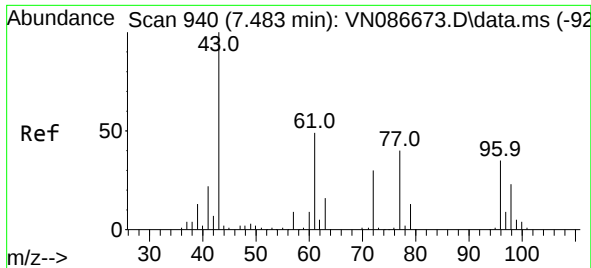
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#26
2,2-Dichloropropane
Concen: 4.926 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

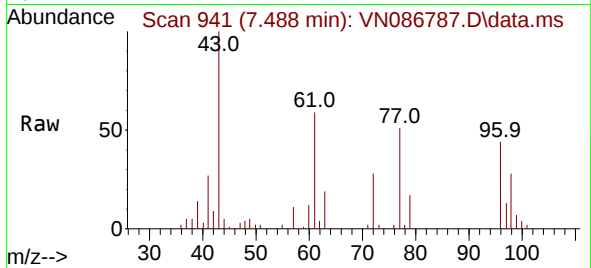
Tgt Ion: 77 Resp: 20526
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 4.948 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086787.D
 Acq: 27 May 2025 16:31

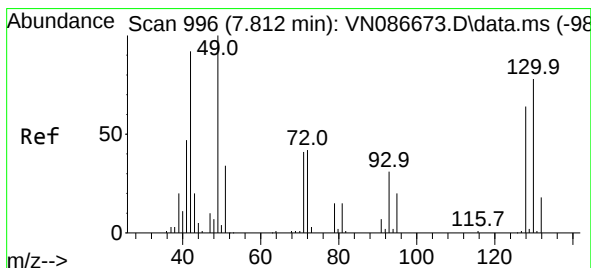
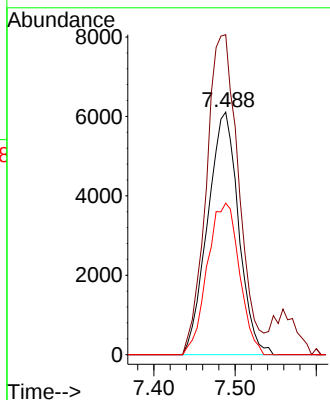
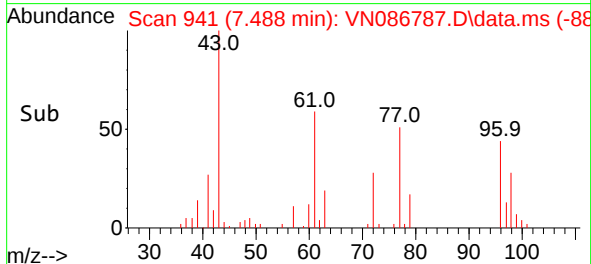
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion: 96 Resp: 16172
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 277.4
 98 64.7 0.0 129.6

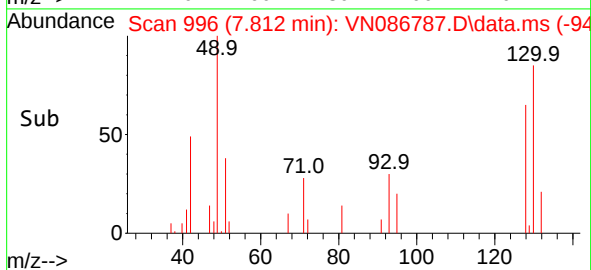
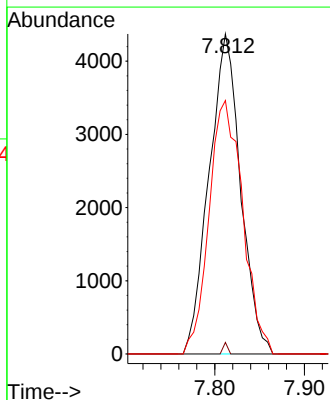
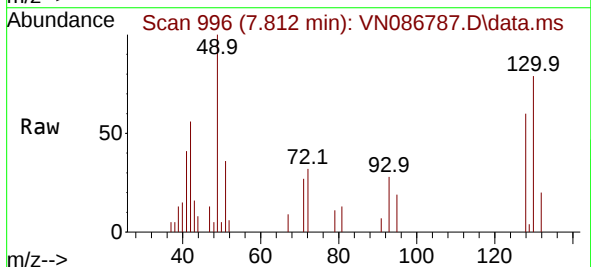
Manual Integrations
 APPROVED

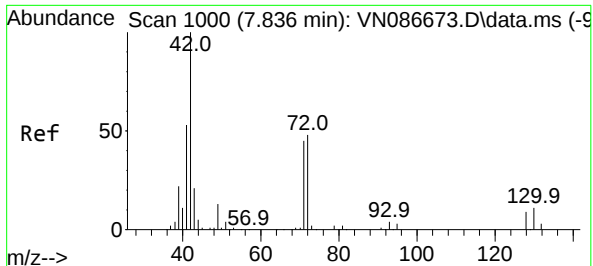
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#28
 Bromochloromethane
 Concen: 4.651 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086787.D
 Acq: 27 May 2025 16:31

Tgt Ion: 49 Resp: 10671
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 3.8
 130 84.4 62.2 93.4





#29

Tetrahydrofuran

Concen: 22.788 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN086787.D

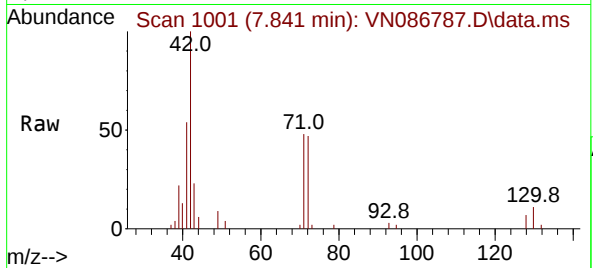
Acq: 27 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025



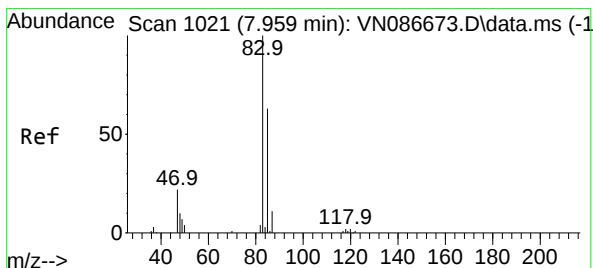
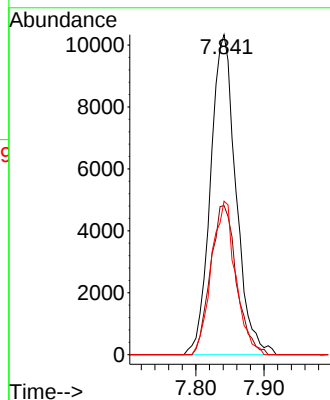
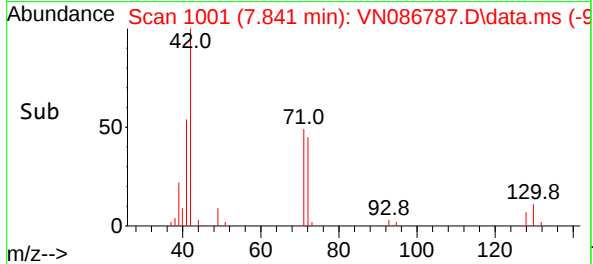
Tgt Ion:	42	Resp:	26829
Ion Ratio	100	Lower	Upper
42	100		
72	47.7	38.7	58.1
71	45.9	36.2	54.4

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#30

Chloroform

Concen: 4.748 ug/l

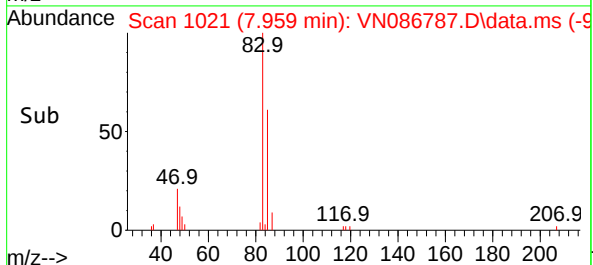
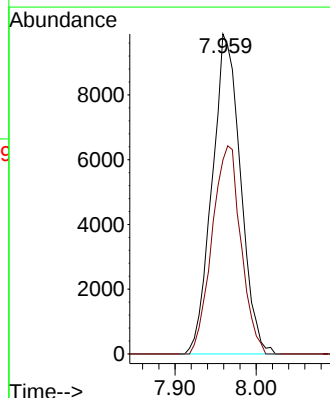
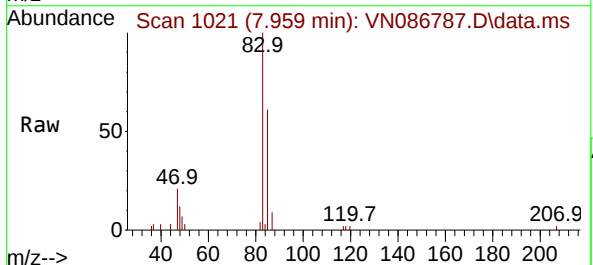
RT: 7.959 min Scan# 1021

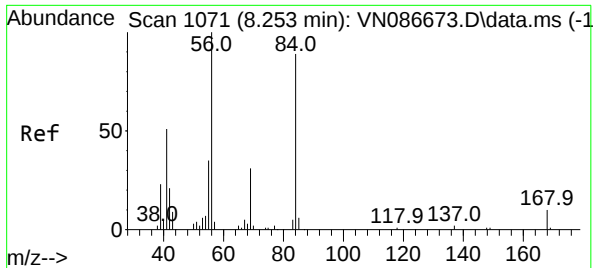
Delta R.T. -0.000 min

Lab File: VN086787.D

Acq: 27 May 2025 16:31

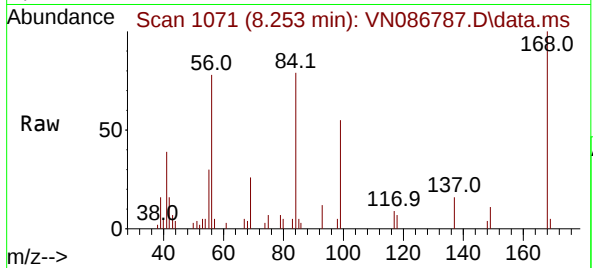
Tgt Ion:	83	Resp:	24000
Ion Ratio	100	Lower	Upper
83	100		
85	60.6	50.2	75.4





#31
Cyclohexane
Concen: 5.332 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

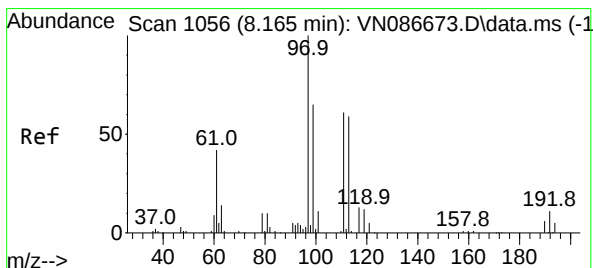
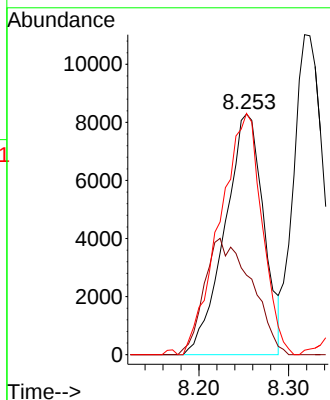
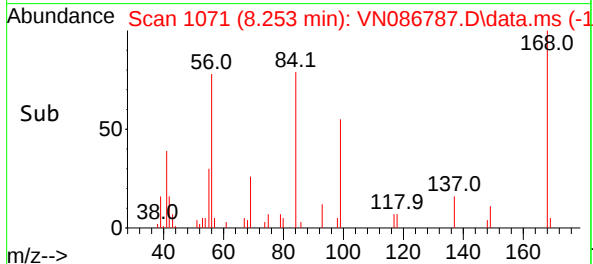
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



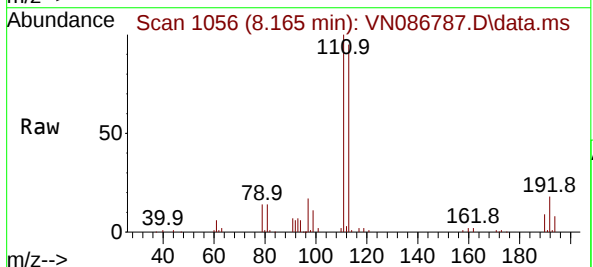
Tgt Ion: 56 Resp: 2496
Ion Ratio Lower Upper
56 100
69 33.0 25.0 37.6
84 100.3 71.0 106.4

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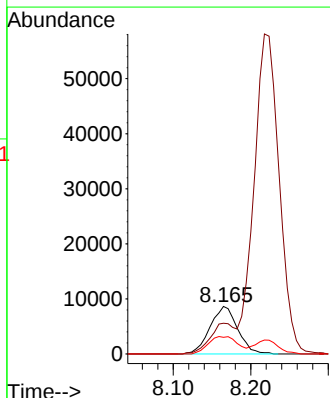
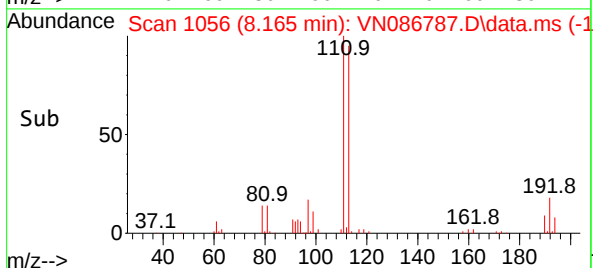
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

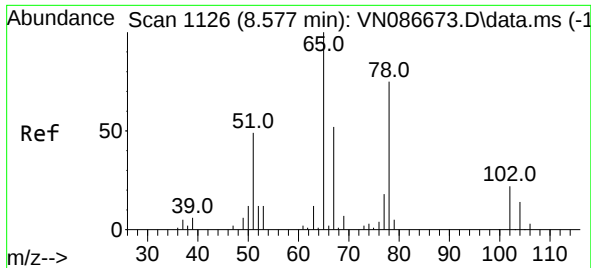


#32
1,1,1-Trichloroethane
Concen: 5.013 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31



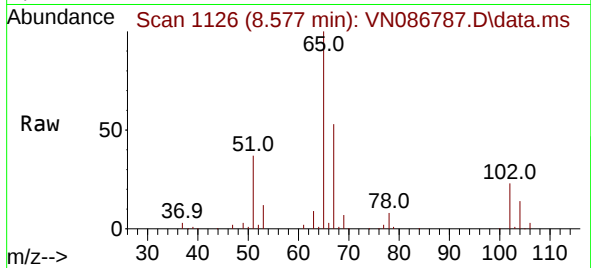
Tgt Ion: 97 Resp: 21364
Ion Ratio Lower Upper
97 100
99 60.4 52.6 79.0
61 39.1 37.7 56.5





#33
 1,2-Dichloroethane-d4
 Concen: 46.016 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086787.D
 Acq: 27 May 2025 16:31

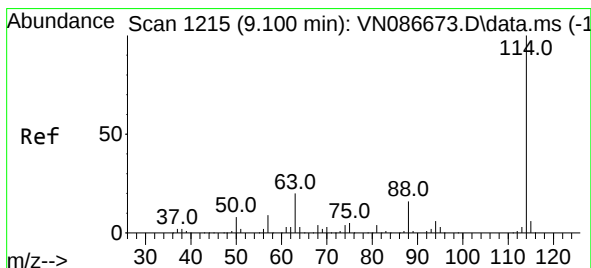
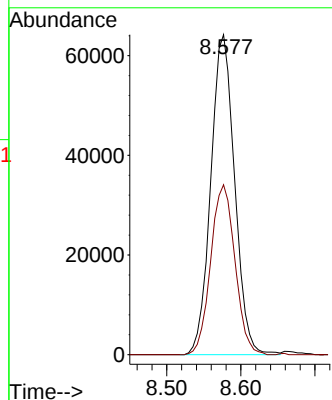
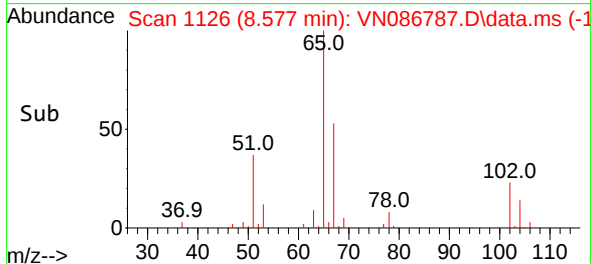
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion: 65 Resp: 143588
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.4

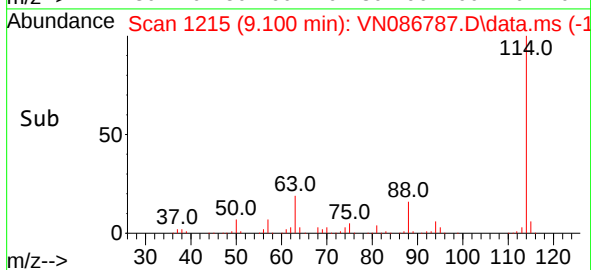
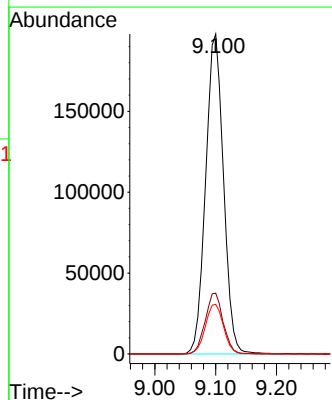
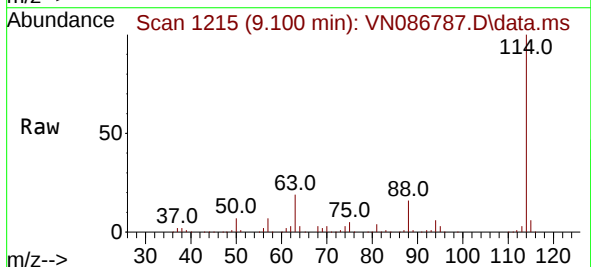
Manual Integrations
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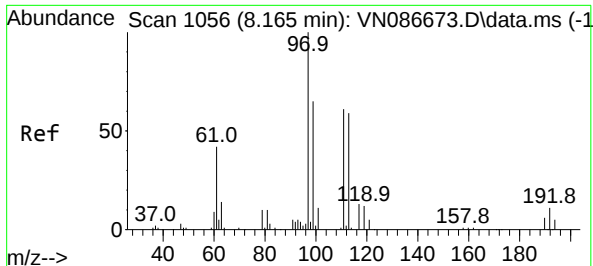
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086787.D
 Acq: 27 May 2025 16:31

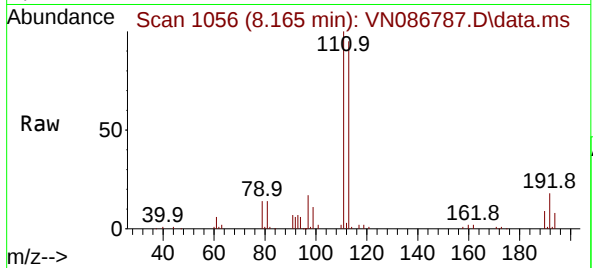
Tgt Ion:114 Resp: 402553
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.2
 88 15.5 0.0 31.2





#35
Dibromofluoromethane
Concen: 48.241 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

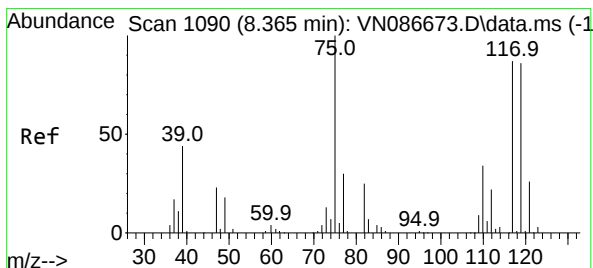
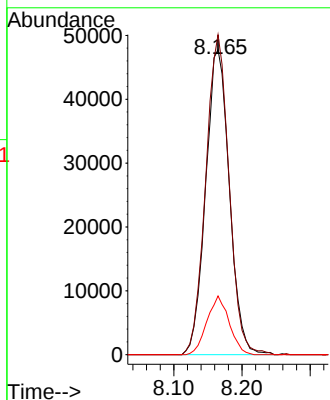
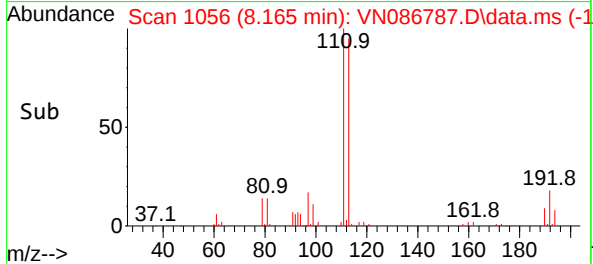
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



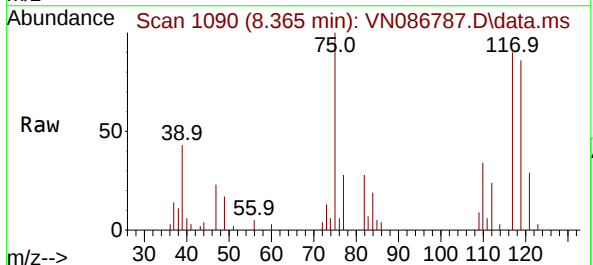
Tgt Ion: 113 Resp: 11565
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.0 13.8 20.8

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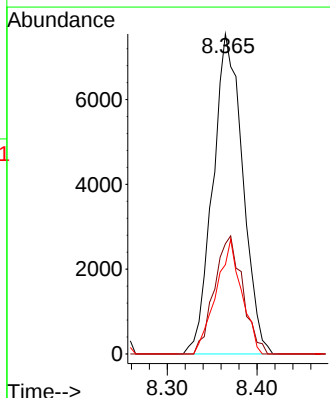
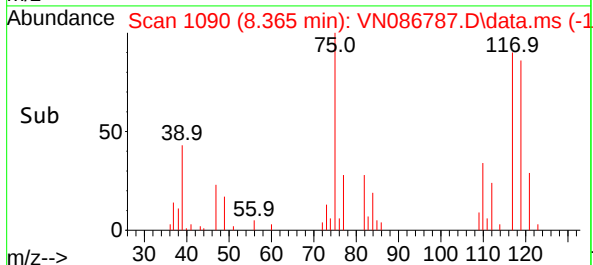
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#36
1,1-Dichloropropene
Concen: 4.920 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31



Tgt Ion: 75 Resp: 17399
Ion Ratio Lower Upper
75 100
110 35.0 17.5 52.5
77 30.7 25.1 37.7





#37

Ethyl Acetate

Concen: 4.691 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086787.D

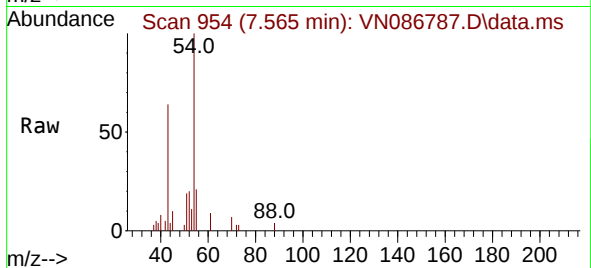
Acq: 27 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

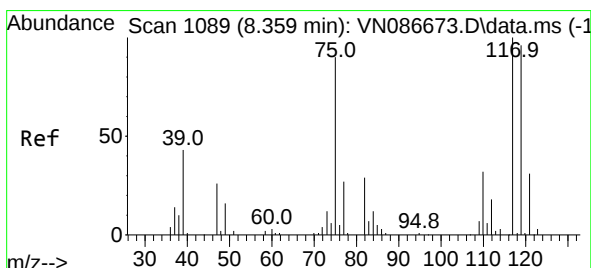
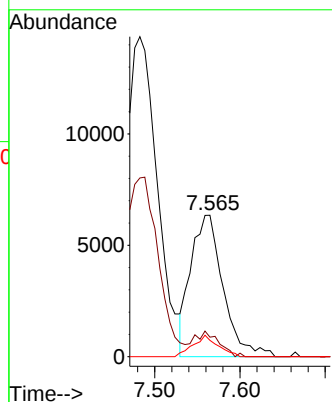
LOQ-WATER-02-QT2-2025



Tgt Ion:	43	Resp:	16750
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.6	17.4
70	11.6	9.4	14.0

Manual Integrations
APPROVED

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



#38

Carbon Tetrachloride

Concen: 4.936 ug/l

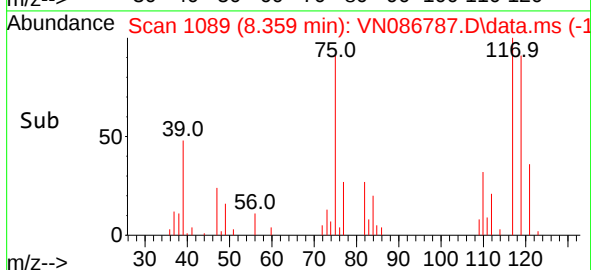
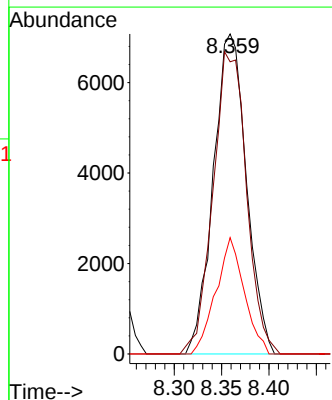
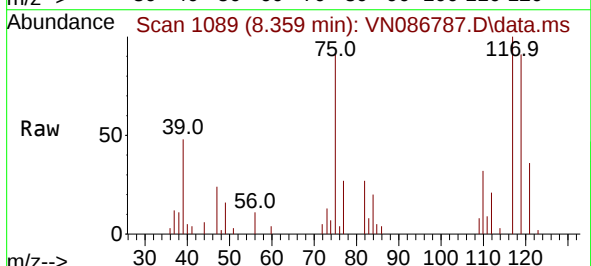
RT: 8.359 min Scan# 1089

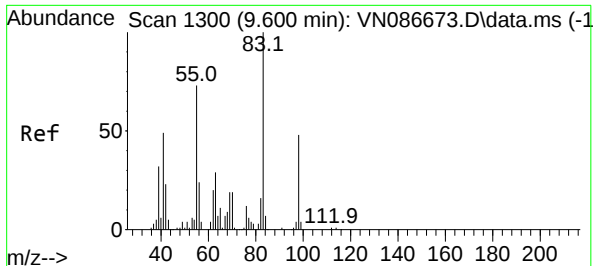
Delta R.T. -0.000 min

Lab File: VN086787.D

Acq: 27 May 2025 16:31

Tgt Ion:	117	Resp:	17197
Ion Ratio	Lower	Upper	
117	100		
119	91.3	77.0	115.6
121	36.4	25.0	37.6





#39

Methylcyclohexane

Concen: 4.997 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086787.D

Acq: 27 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

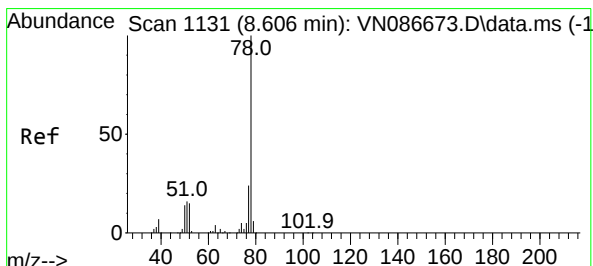
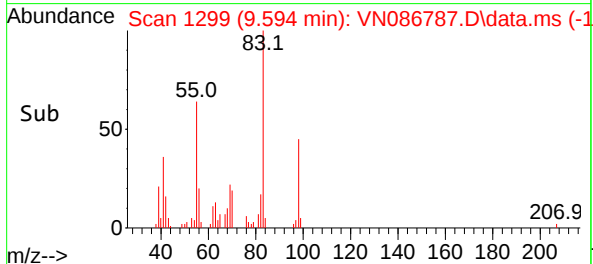
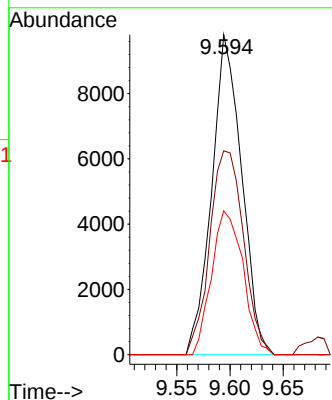
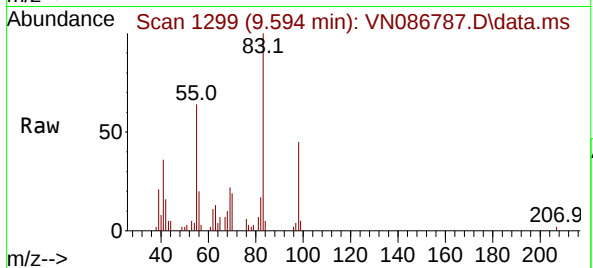
Tgt Ion: 83	Resp: 1912
Ion Ratio	Lower Upper
83 100	
55 63.7	58.2 87.4
98 45.0	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#40

Benzene

Concen: 5.068 ug/l

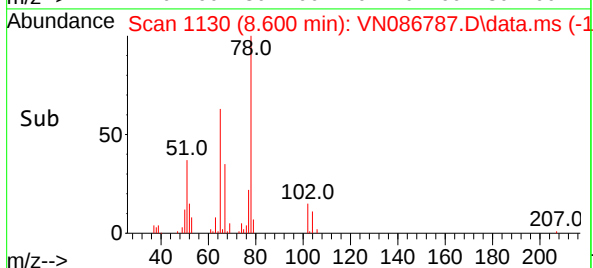
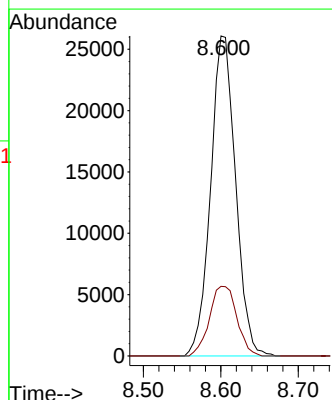
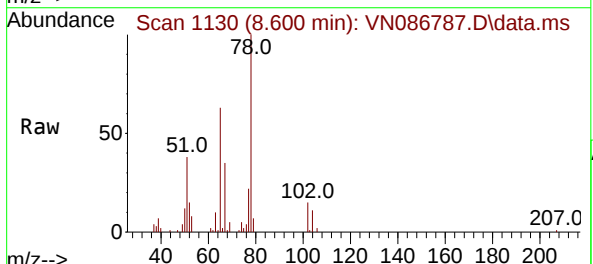
RT: 8.600 min Scan# 1130

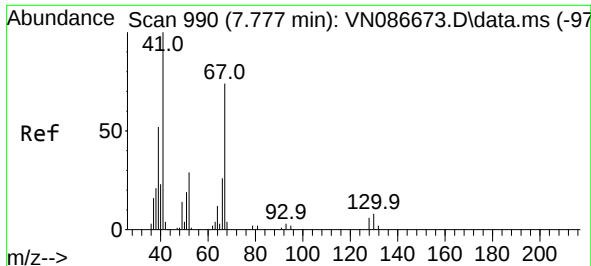
Delta R.T. -0.006 min

Lab File: VN086787.D

Acq: 27 May 2025 16:31

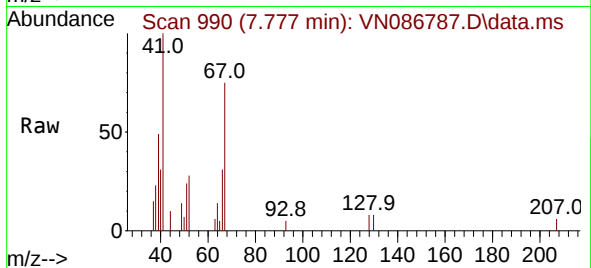
Tgt Ion: 78	Resp: 58466
Ion Ratio	Lower Upper
78 100	
77 21.7	19.1 28.7





#41
Methacrylonitrile
Concen: 4.402 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

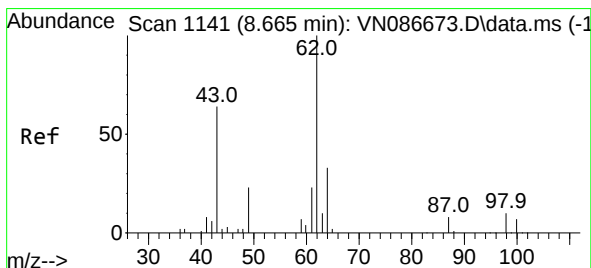
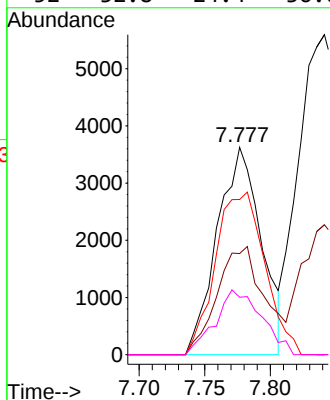
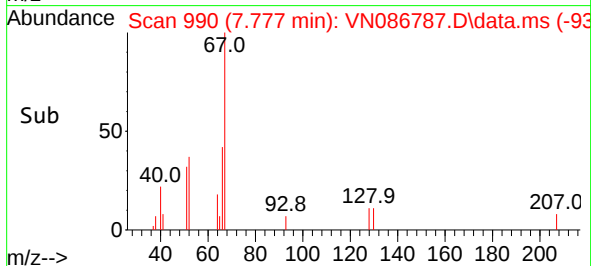
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.4	44.9	67.3
67	87.4	63.4	95.0
52	32.8	24.4	36.6

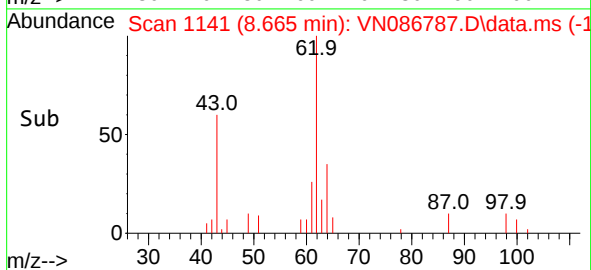
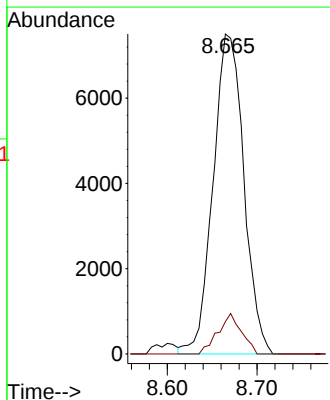
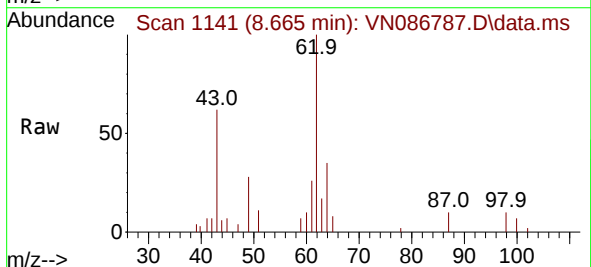
Manual Integrations
APPROVED

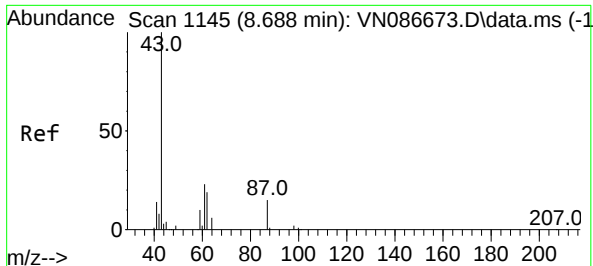
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 4.963 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

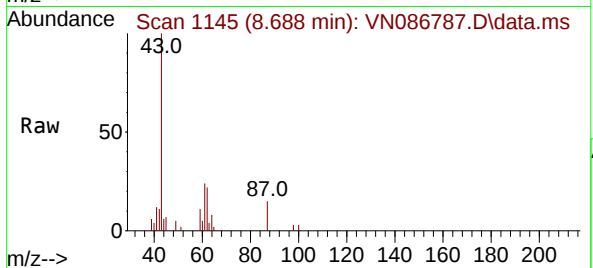
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2





#43
Isopropyl Acetate
Concen: 4.426 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

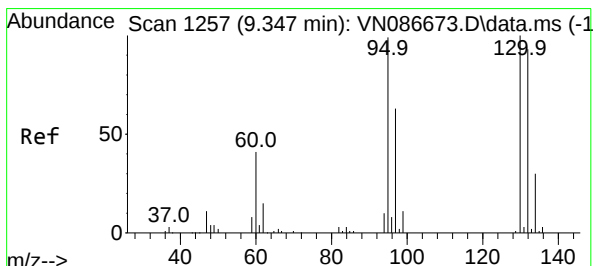
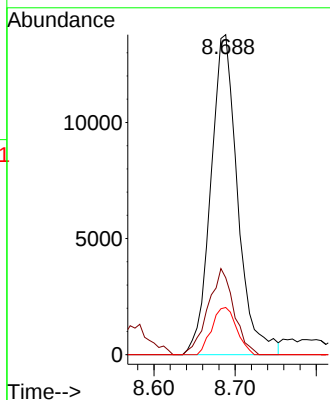
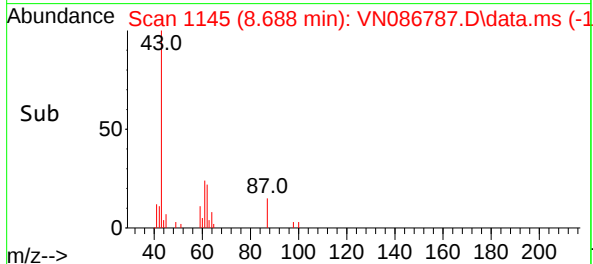
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 3169
Ion Ratio Lower Upper
43 100
61 25.9 21.4 32.2
87 13.6 11.1 16.7

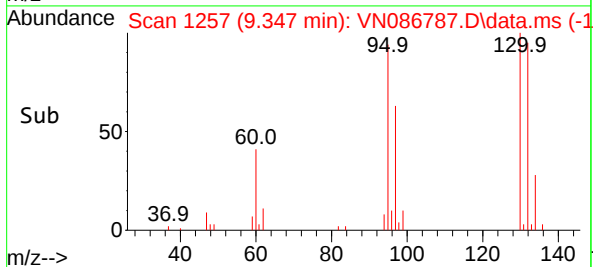
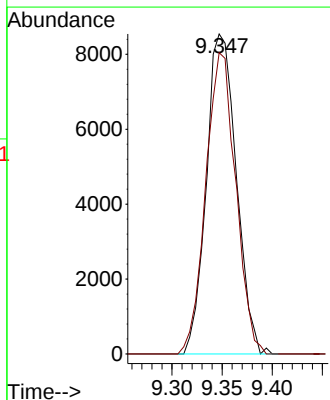
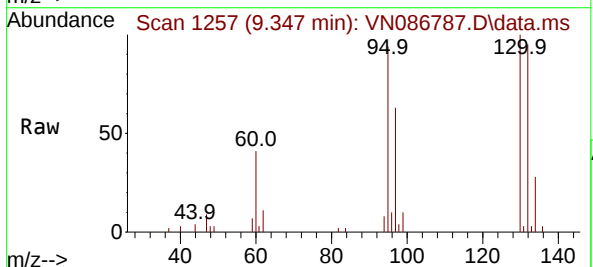
Manual Integrations
APPROVED

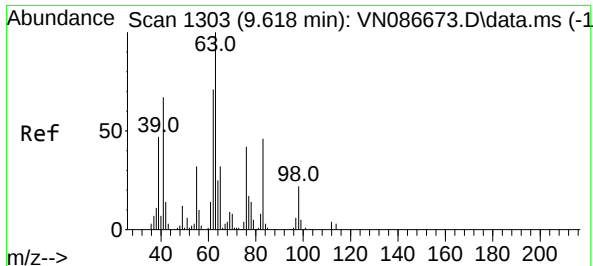
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 6.376 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

Tgt Ion:130 Resp: 17741
Ion Ratio Lower Upper
130 100
95 94.1 0.0 197.0





#45

1,2-Dichloropropane

Concen: 5.046 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086787.D

Acq: 27 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 63 Resp: 1382

Ion Ratio Lower Upper

63 100

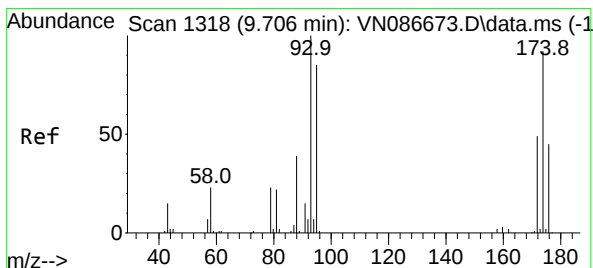
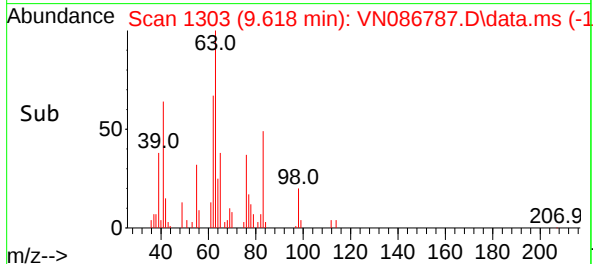
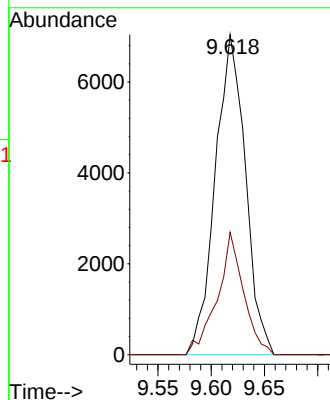
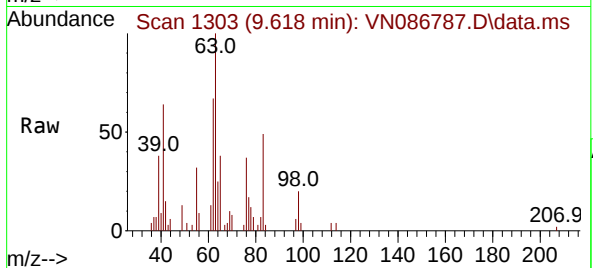
65 38.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#46

Dibromomethane

Concen: 5.040 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086787.D

Acq: 27 May 2025 16:31

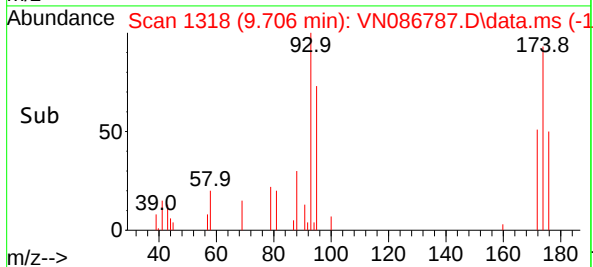
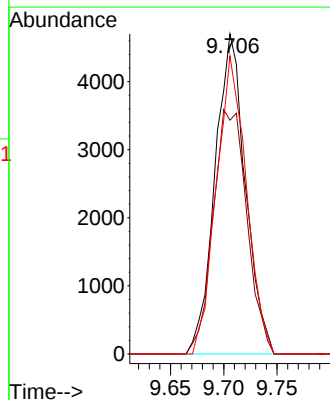
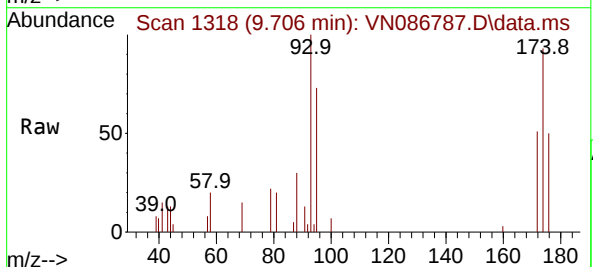
Tgt Ion: 93 Resp: 9319

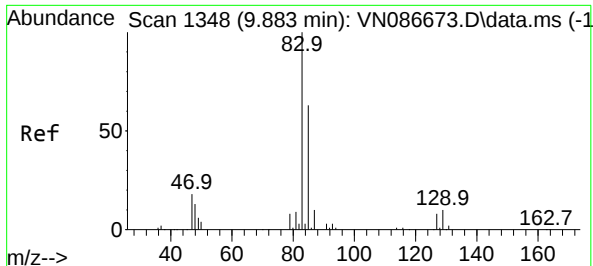
Ion Ratio Lower Upper

93 100

95 84.7 67.1 100.7

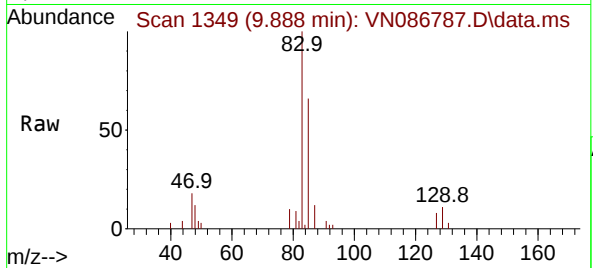
174 92.0 73.8 110.6





#47
Bromodichloromethane
Concen: 4.915 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

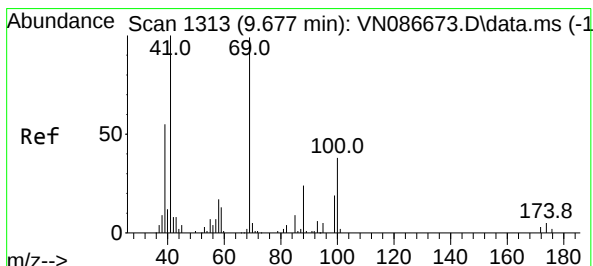
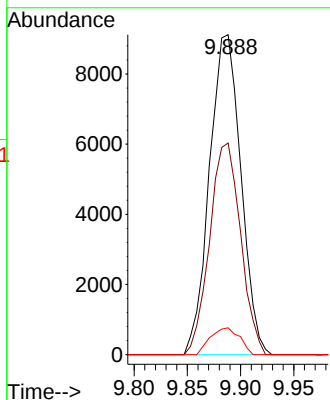
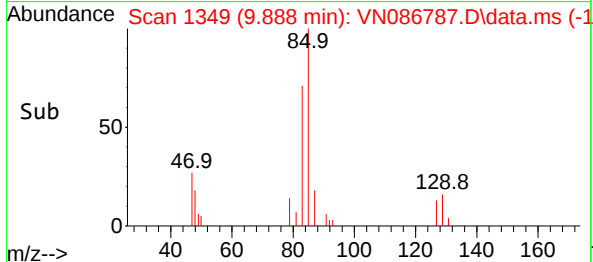
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 83 Resp: 1872
Ion Ratio Lower Upper
83 100
85 66.2 50.1 75.1
127 8.4 6.2 9.4

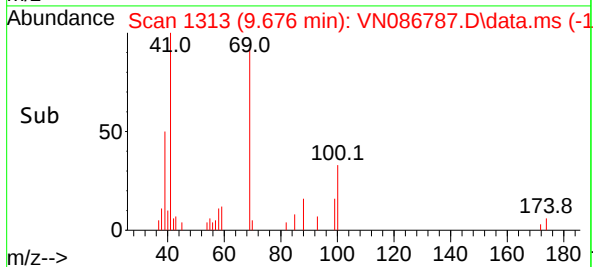
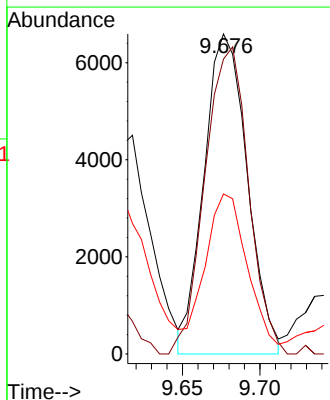
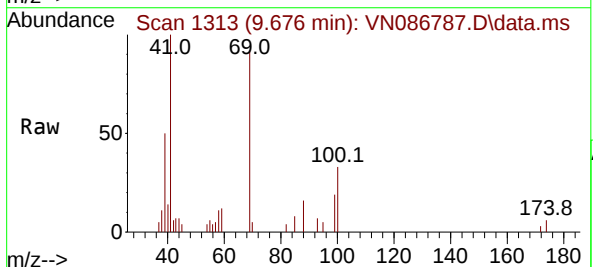
Manual Integrations
APPROVED

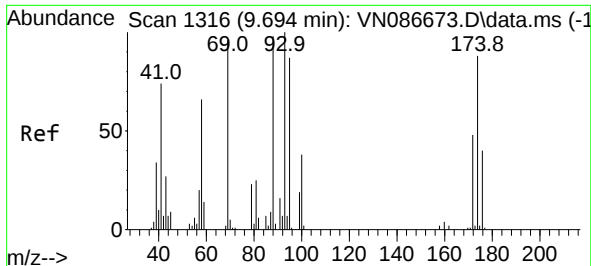
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#48
Methyl methacrylate
Concen: 4.602 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

Tgt Ion: 41 Resp: 12771
Ion Ratio Lower Upper
41 100
69 96.8 74.1 111.1
39 50.1 44.1 66.1





#49

1,4-Dioxane

Concen: 85.300 ug/l

RT: 9.688 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN086787.D

Acq: 27 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

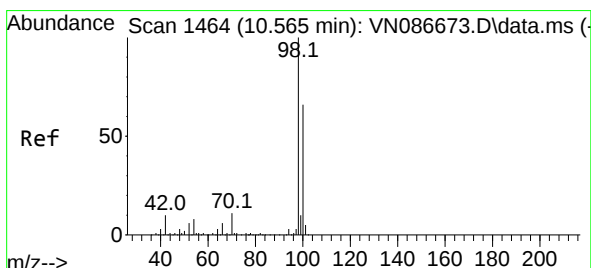
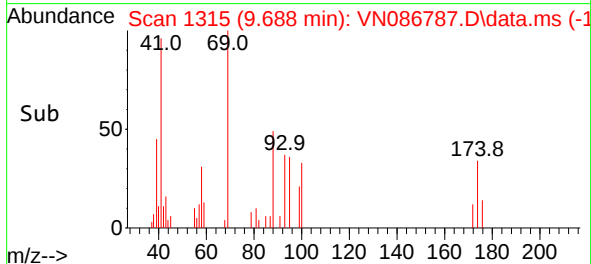
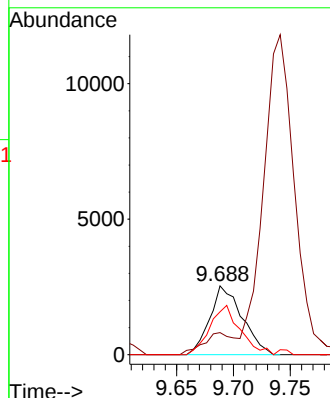
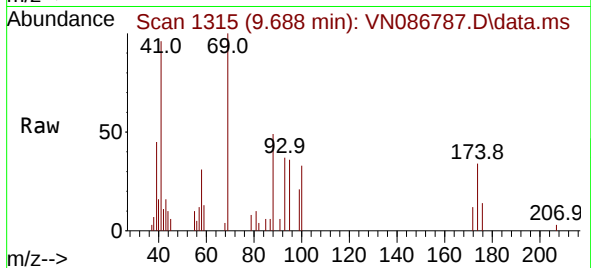
Tgt Ion: 88	Resp: 501
Ion Ratio	Lower Upper
88	100
43	28.5 23.6 35.4
58	66.9 55.3 82.9

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#50

Toluene-d8

Concen: 49.195 ug/l

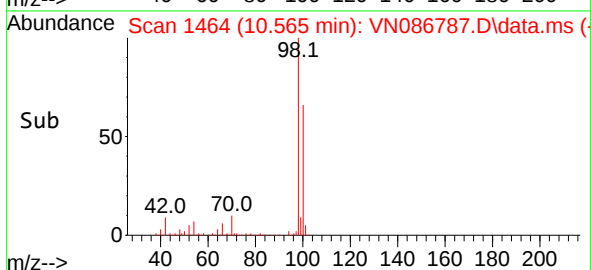
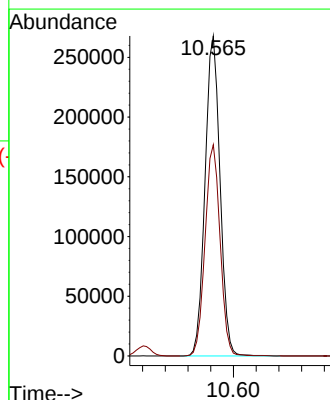
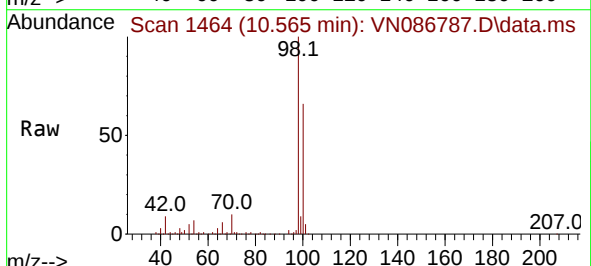
RT: 10.565 min Scan# 1464

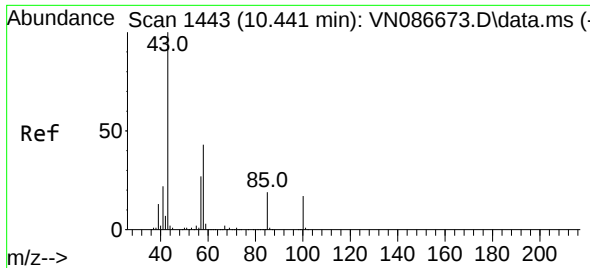
Delta R.T. -0.000 min

Lab File: VN086787.D

Acq: 27 May 2025 16:31

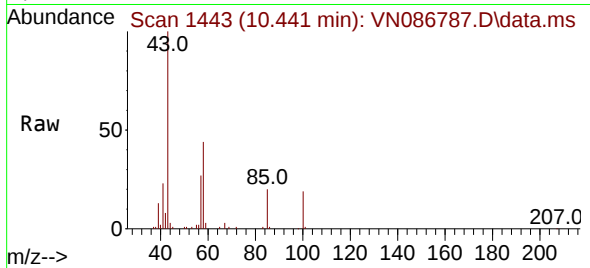
Tgt Ion: 98	Resp: 488743
Ion Ratio	Lower Upper
98	100
100	66.3 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 22.617 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

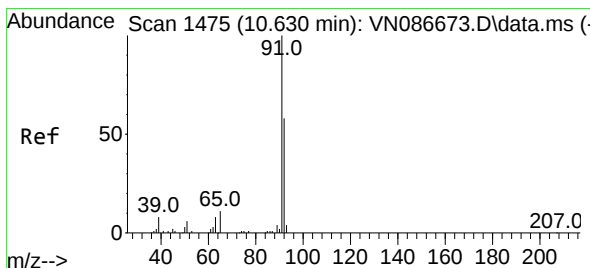
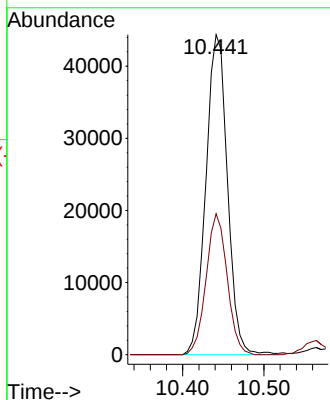
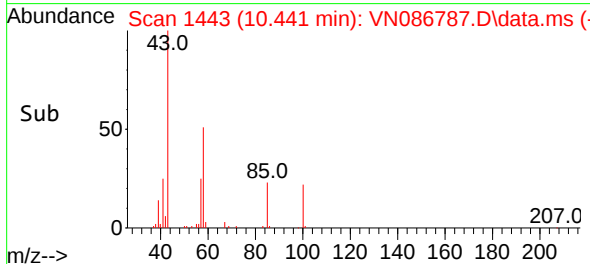
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



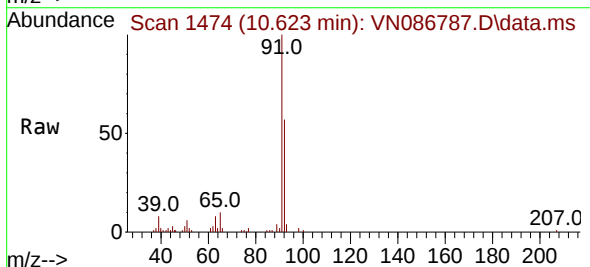
Tgt Ion: 43 Resp: 81674
Ion Ratio Lower Upper
43 100
58 43.0 33.9 50.9

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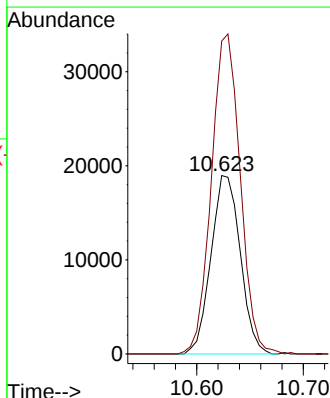
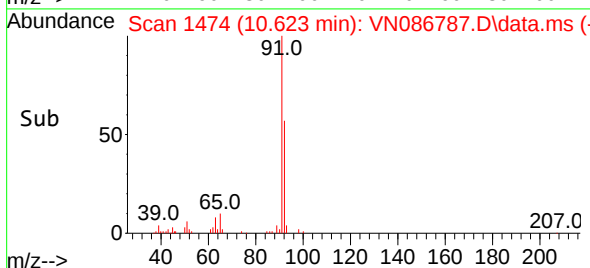
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

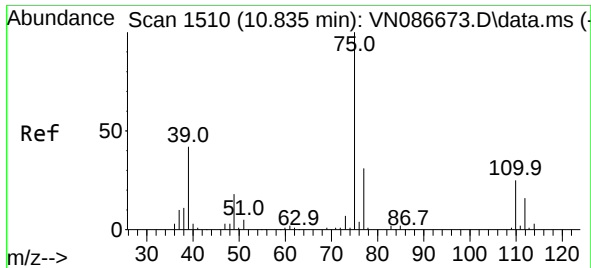


#52
Toluene
Concen: 5.046 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31



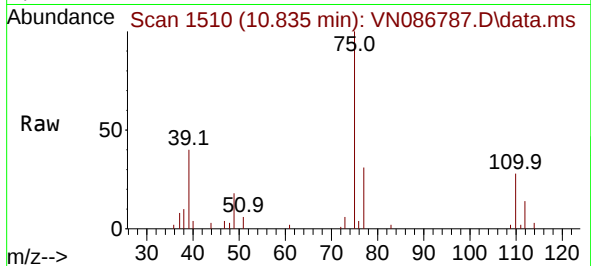
Tgt Ion: 92 Resp: 36178
Ion Ratio Lower Upper
92 100
91 176.9 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 4.976 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

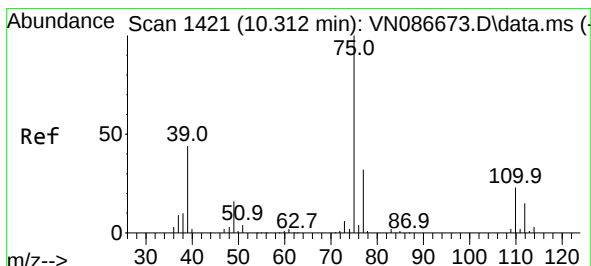
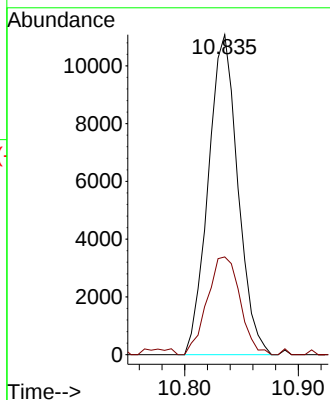
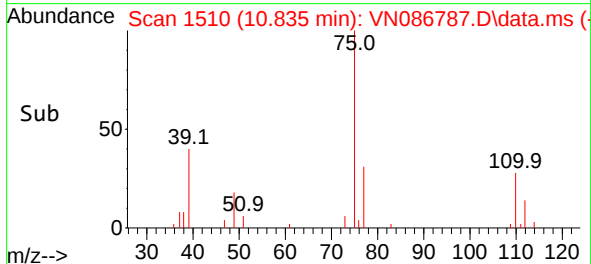
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 75 Resp: 2007
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8

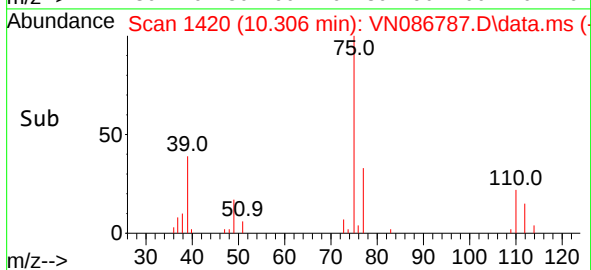
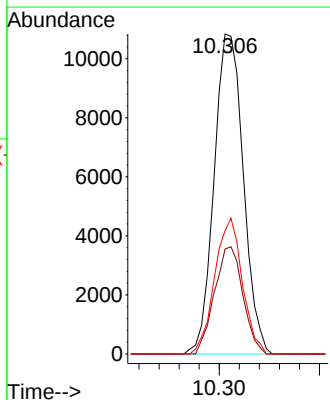
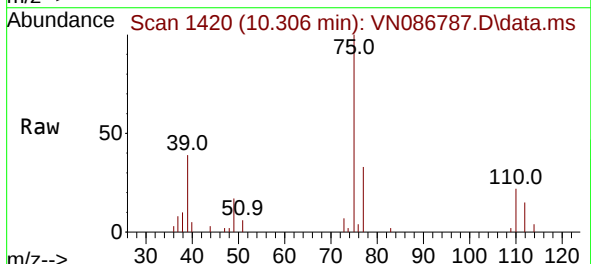
Manual Integrations
APPROVED

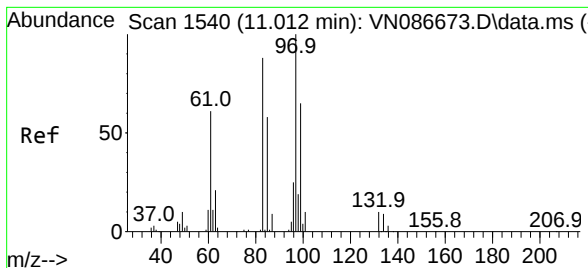
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#54
cis-1,3-Dichloropropene
Concen: 4.967 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

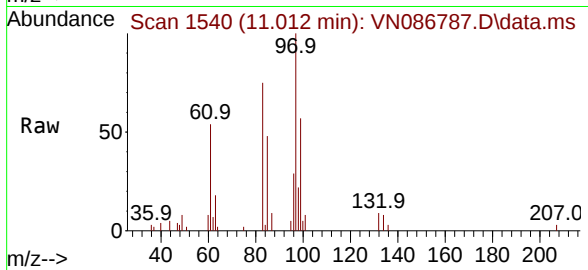
Tgt Ion: 75 Resp: 21874
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
39 38.5 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 4.946 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

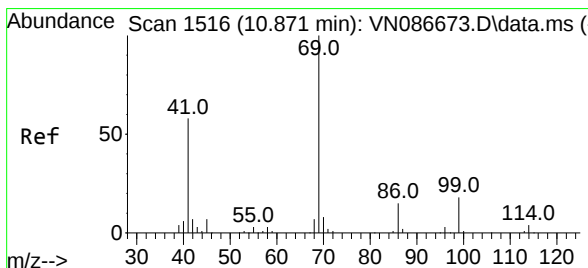
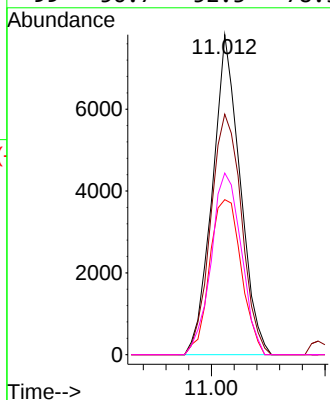
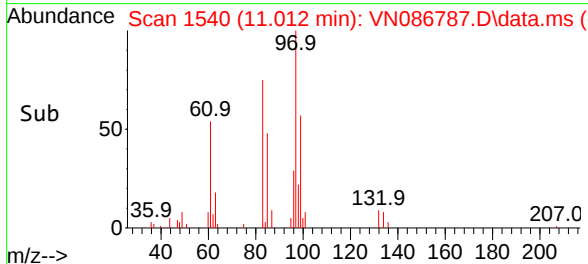
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion	Ratio	Lower	Upper
97	100		
83	75.2	70.4	105.6
85	48.4	46.1	69.1
99	56.7	52.3	78.5

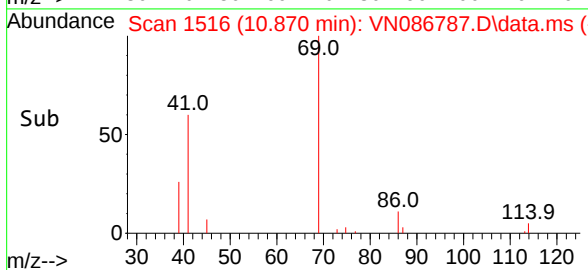
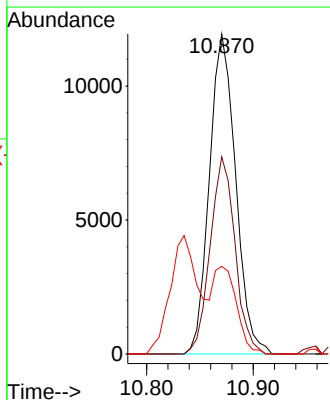
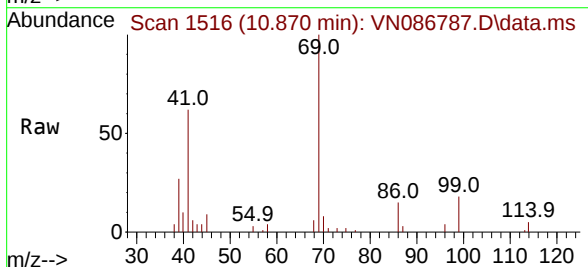
Manual Integrations
APPROVED

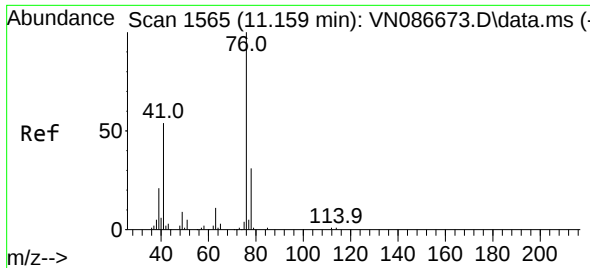
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#56
Ethyl methacrylate
Concen: 4.752 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.5	47.4	71.0
39	23.7	24.0	36.0





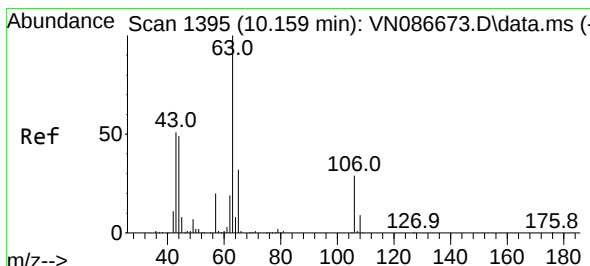
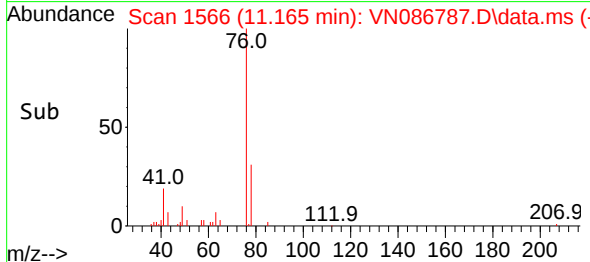
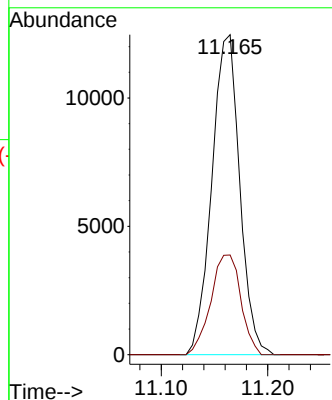
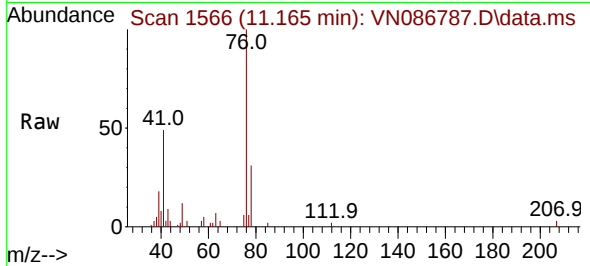
#57
1,3-Dichloropropane
Concen: 4.907 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

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

Tgt Ion: 76 Resp: 22608
Ion Ratio Lower Upper
76 100
78 33.6 25.8 38.8

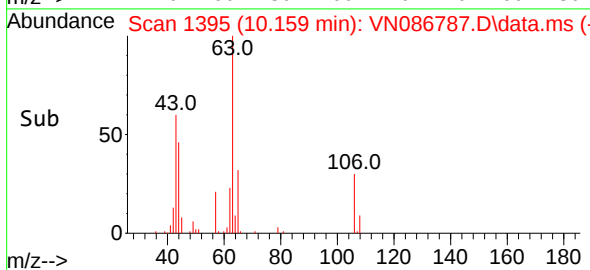
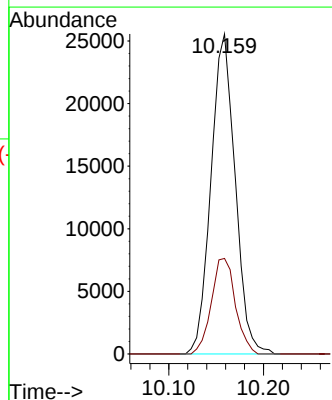
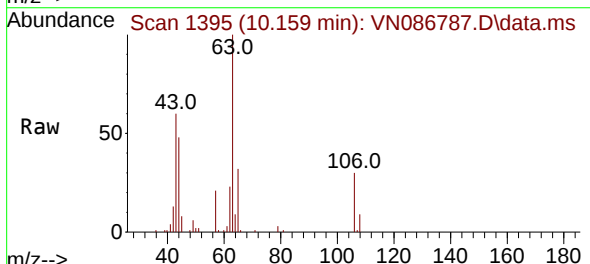
Manual Integrations
APPROVED

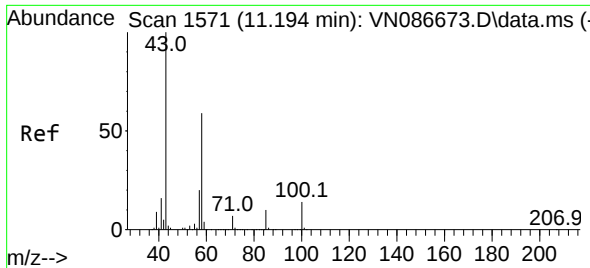
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 23.579 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

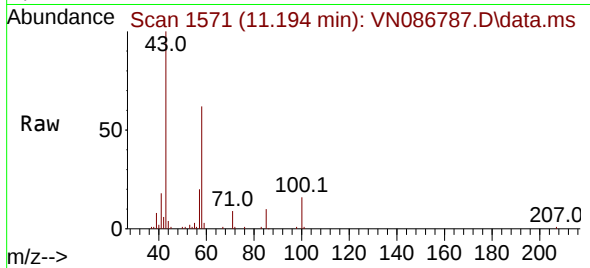
Tgt Ion: 63 Resp: 45252
Ion Ratio Lower Upper
63 100
106 29.7 23.1 34.7





#59
2-Hexanone
Concen: 22.323 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

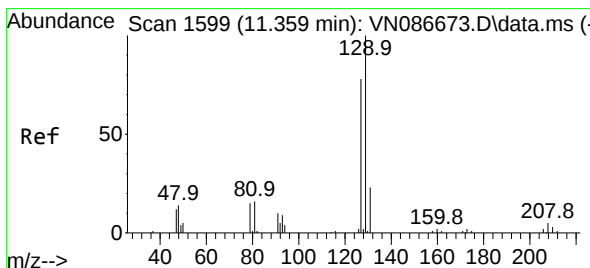
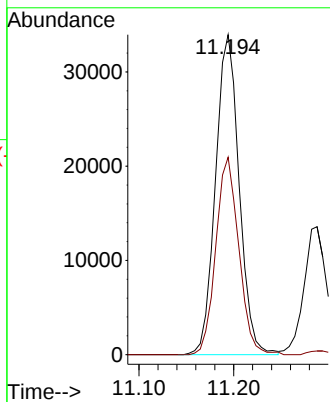
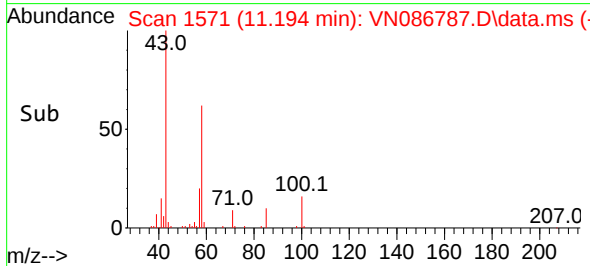
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 5886
Ion Ratio Lower Upper
43 100
58 60.1 29.8 89.5

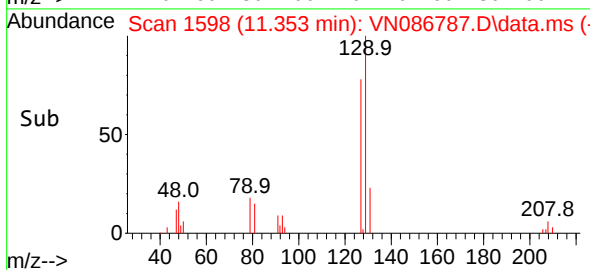
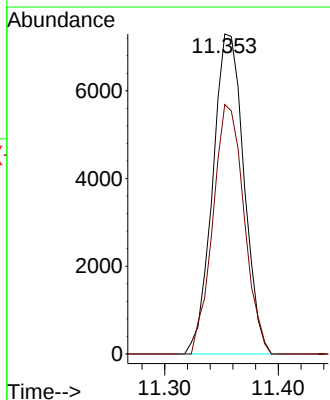
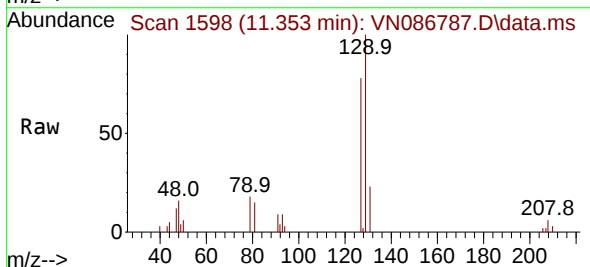
Manual Integrations
APPROVED

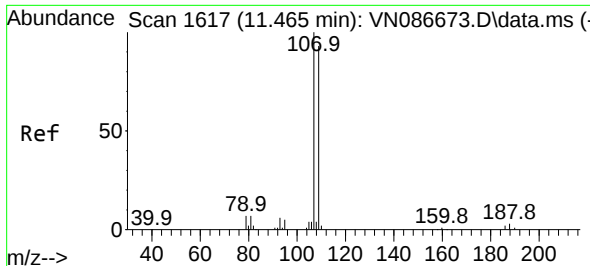
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 4.968 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

Tgt Ion:129 Resp: 13925
Ion Ratio Lower Upper
129 100
127 77.8 39.5 118.3





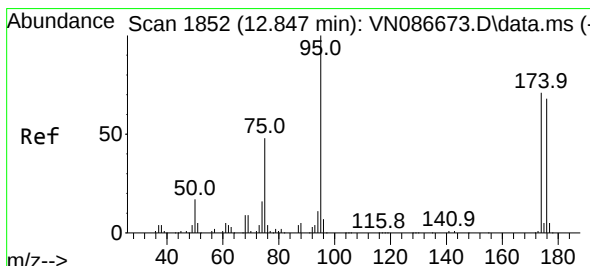
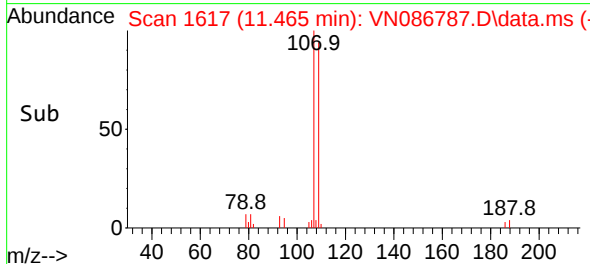
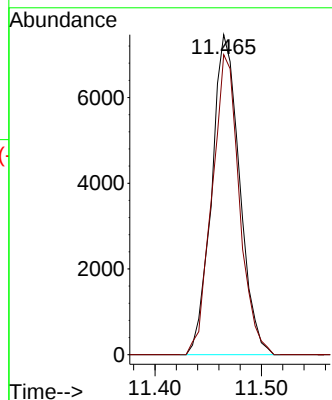
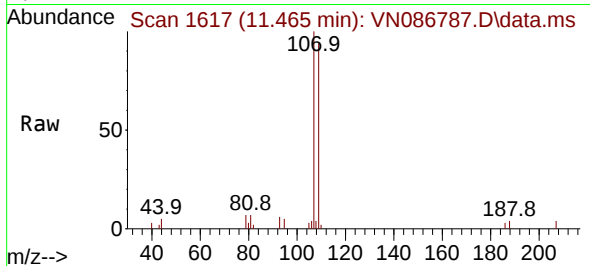
#61
1,2-Dibromoethane
Concen: 5.041 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

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

Tgt Ion:107 Resp: 13549
Ion Ratio Lower Upper
107 100
109 91.7 75.0 112.4

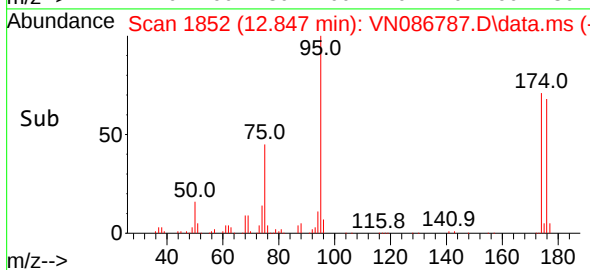
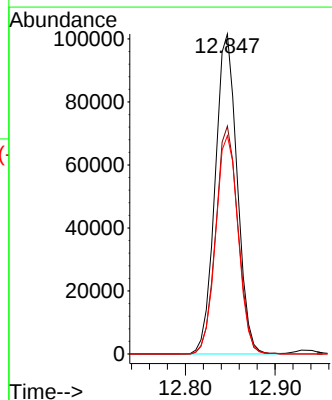
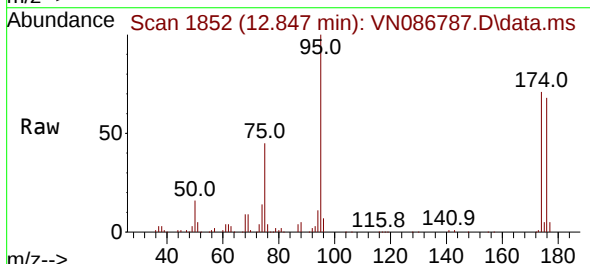
Manual Integrations
APPROVED

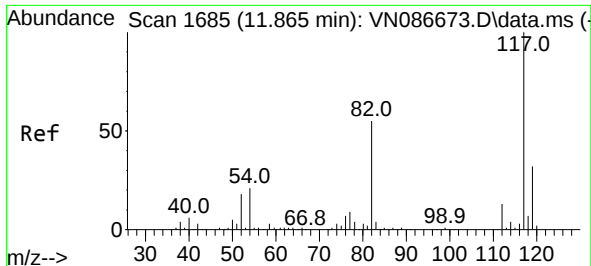
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#62
4-Bromofluorobenzene
Concen: 49.289 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

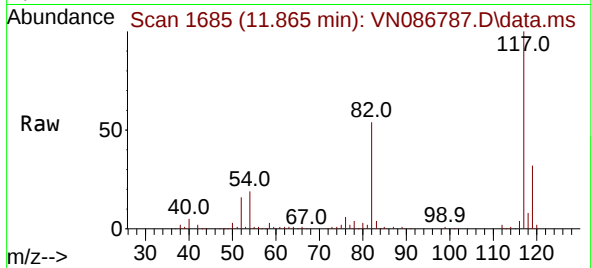
Tgt Ion: 95 Resp: 172901
Ion Ratio Lower Upper
95 100
174 71.8 0.0 145.4
176 69.5 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

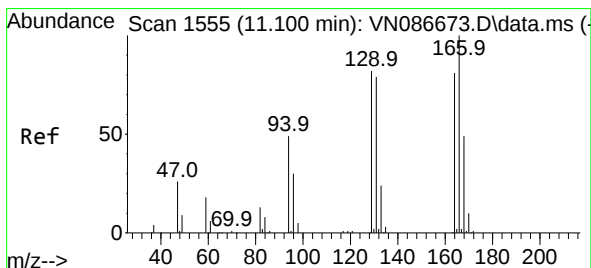
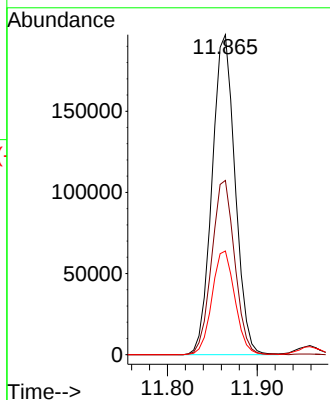
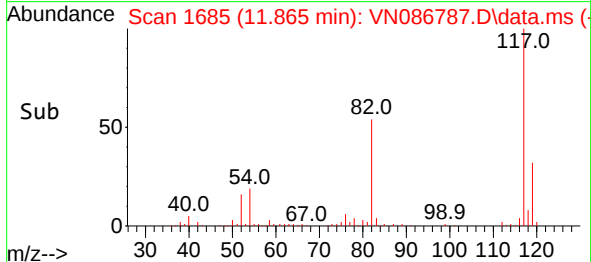
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:117 Resp: 351154
Ion Ratio Lower Upper
117 100
82 54.5 44.2 66.2
119 32.4 25.4 38.2

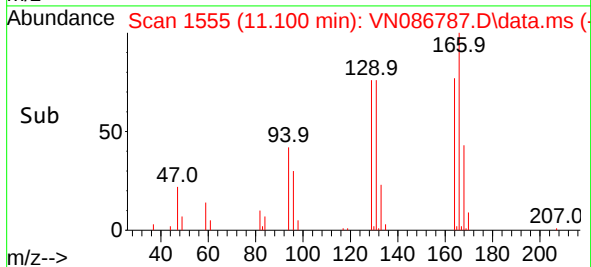
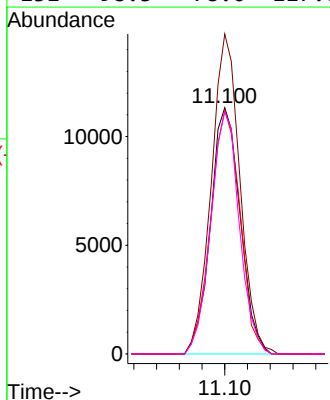
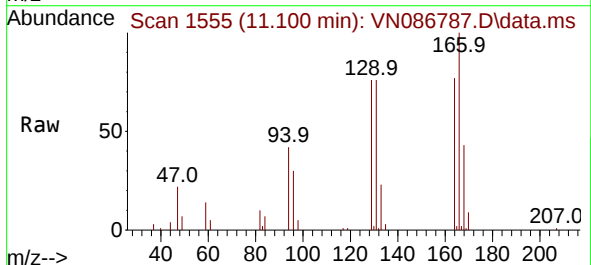
Manual Integrations
APPROVED

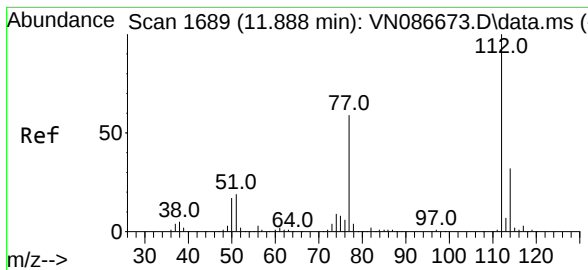
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 7.620 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

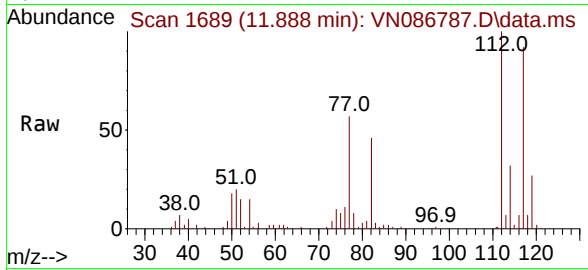
Tgt Ion:164 Resp: 20499
Ion Ratio Lower Upper
164 100
166 129.9 98.2 147.4
129 99.0 81.0 121.4
131 98.3 78.0 117.0





#65
Chlorobenzene
Concen: 5.279 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

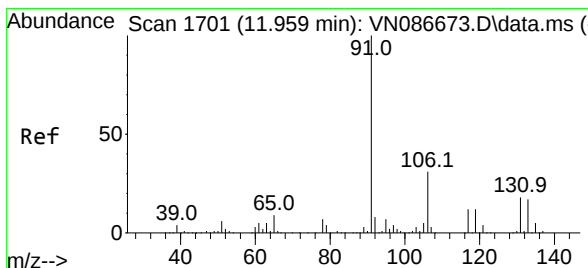
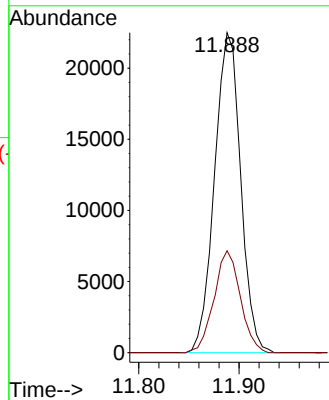
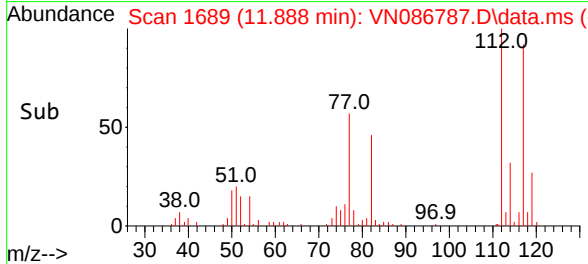
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:112 Resp: 4064
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9

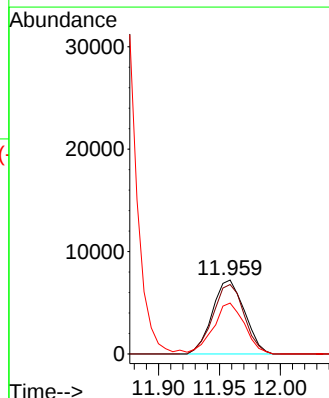
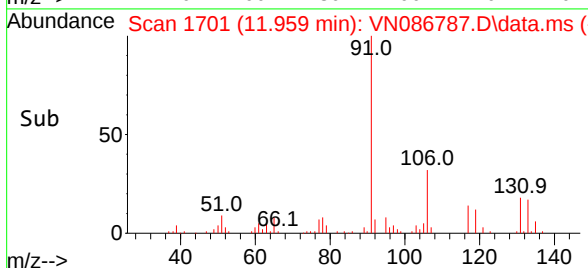
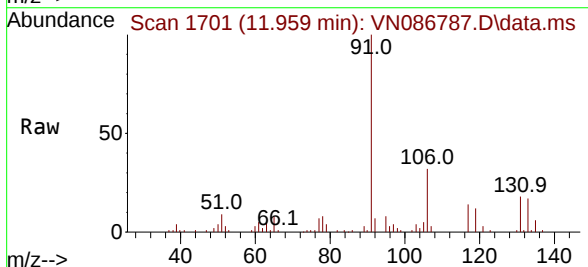
Manual Integrations
APPROVED

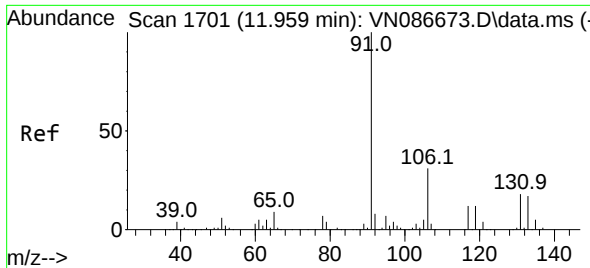
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.321 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

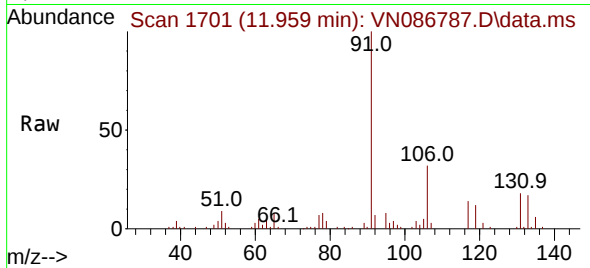
Tgt Ion:131 Resp: 13226
Ion Ratio Lower Upper
131 100
133 92.0 47.9 143.7
119 67.0 33.6 100.8





#67
Ethyl Benzene
Concen: 5.011 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

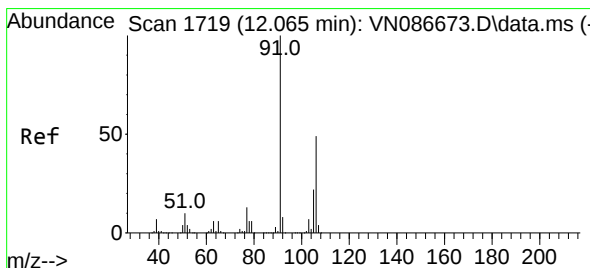
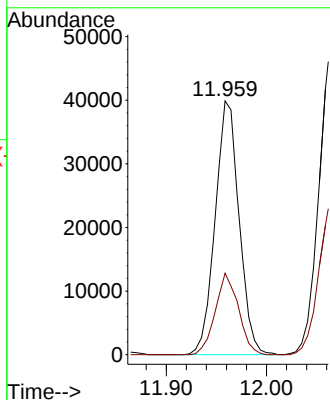
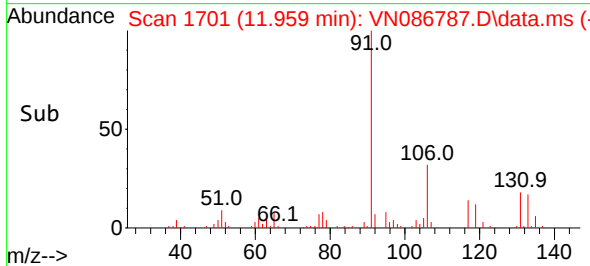
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



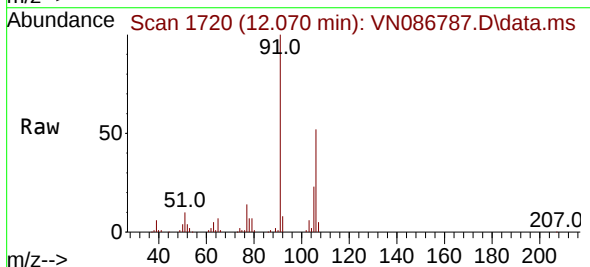
Tgt Ion: 91 Resp: 6609
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8

Manual Integrations
APPROVED

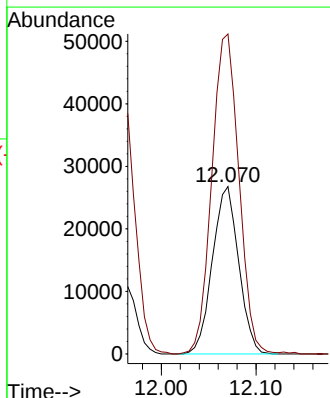
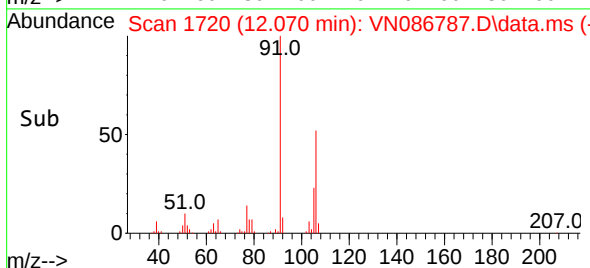
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

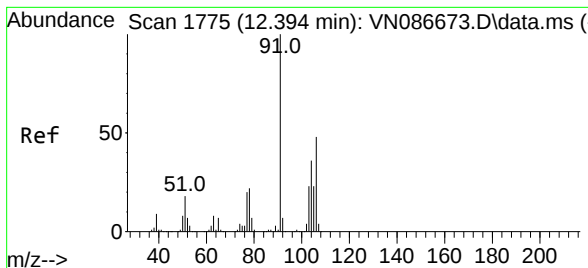


#68
m/p-Xylenes
Concen: 10.312 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31



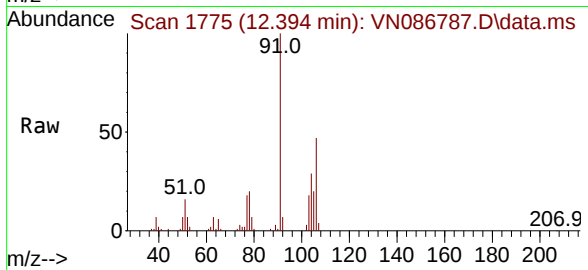
Tgt Ion:106 Resp: 51513
Ion Ratio Lower Upper
106 100
91 197.0 162.4 243.6





#69
o-Xylene
Concen: 5.095 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

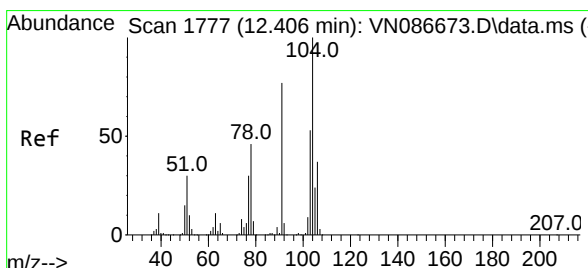
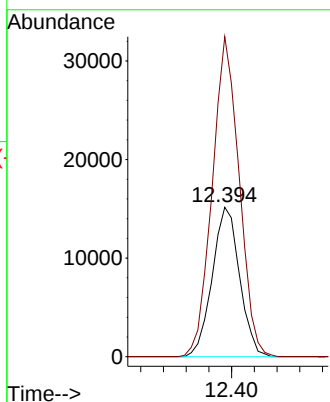
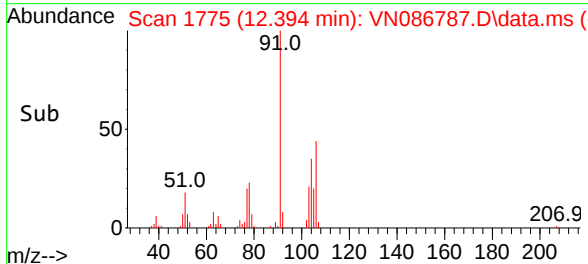
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:106 Resp: 25304
Ion Ratio Lower Upper
106 100
91 211.1 105.1 315.1

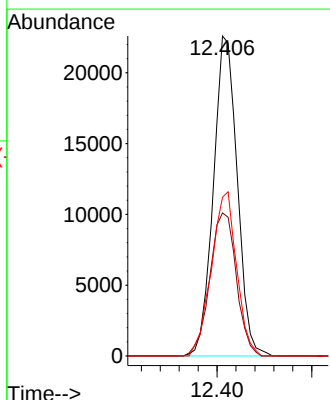
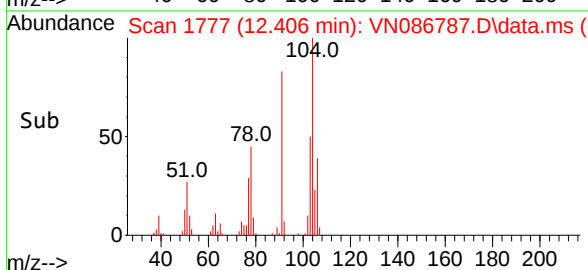
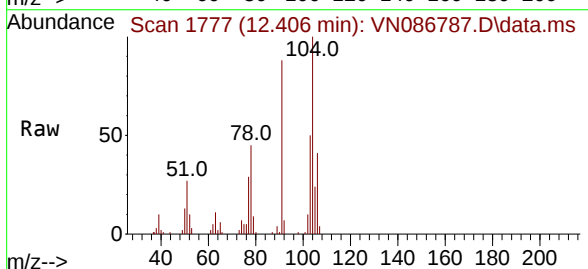
Manual Integrations
APPROVED

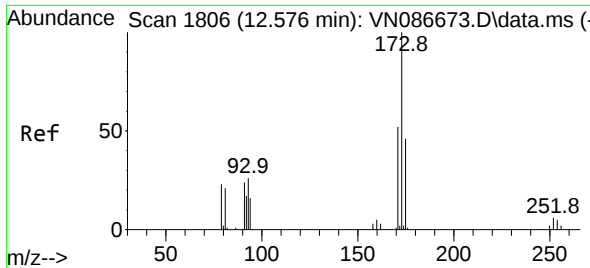
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 4.860 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

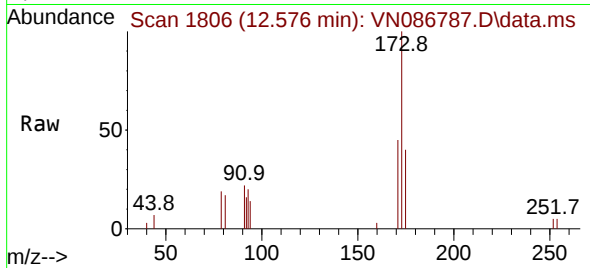
Tgt Ion:104 Resp: 39518
Ion Ratio Lower Upper
104 100
78 49.7 39.0 58.6
103 54.1 43.8 65.8





#71
Bromoform
Concen: 5.411 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

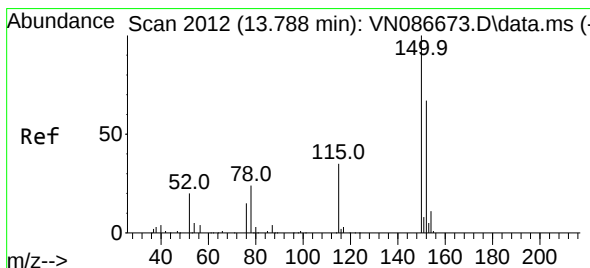
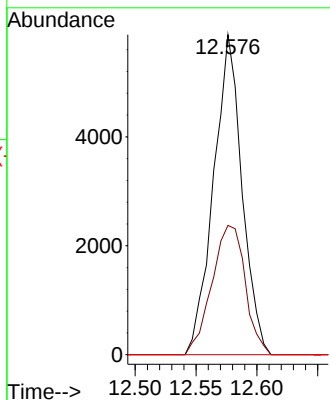
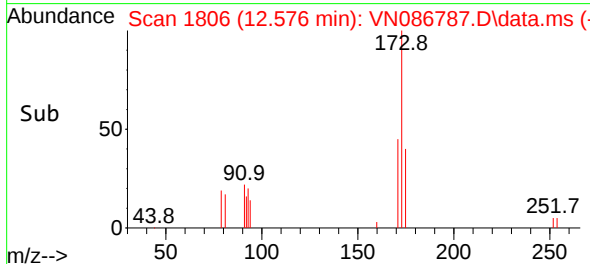
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



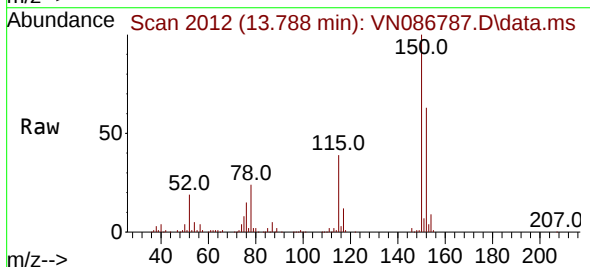
Tgt Ion:173 Resp: 9560
Ion Ratio Lower Upper
173 100
175 47.3 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

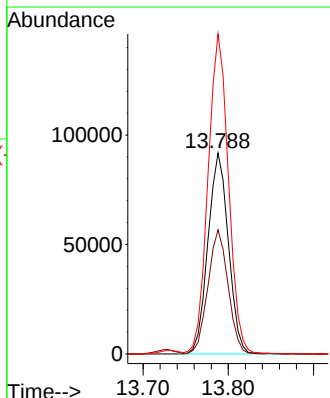
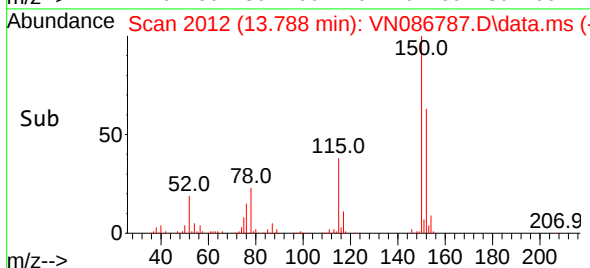
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

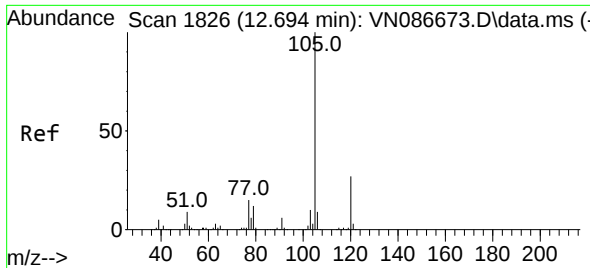


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31



Tgt Ion:152 Resp: 153128
Ion Ratio Lower Upper
152 100
115 61.0 30.0 90.1
150 159.5 0.0 347.8





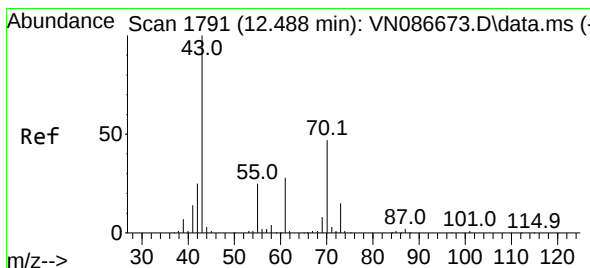
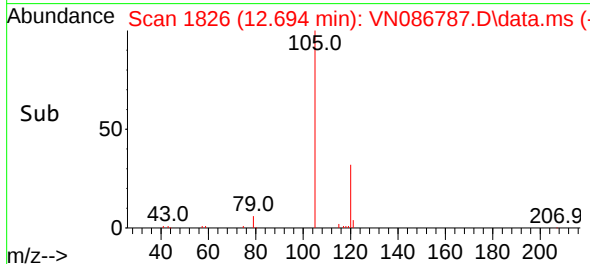
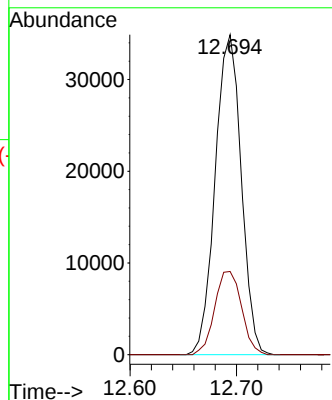
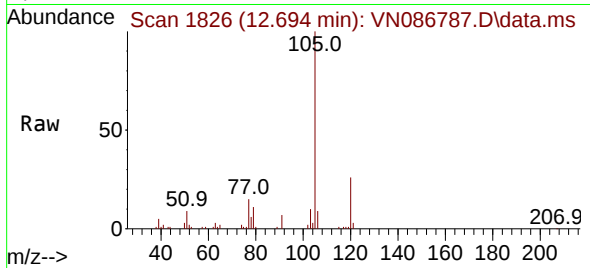
#73
Isopropylbenzene
Concen: 4.998 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

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

Tgt Ion:105 Resp: 5911
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1

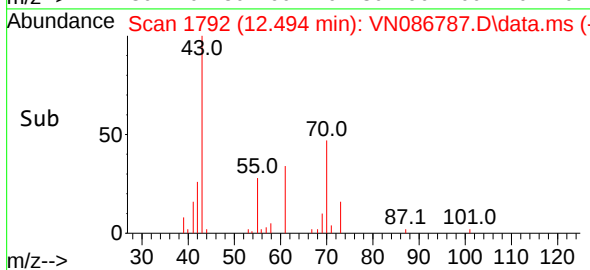
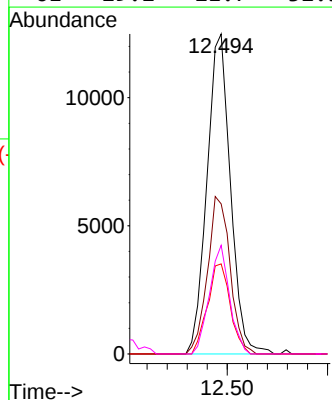
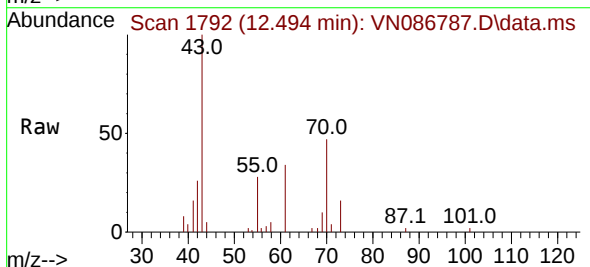
Manual Integrations
APPROVED

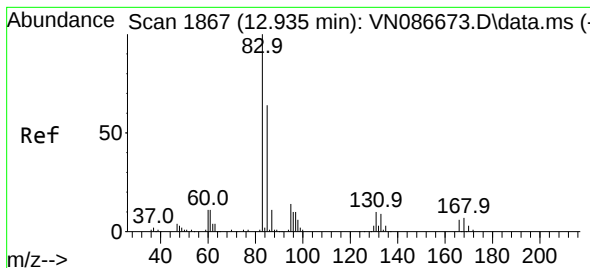
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#74
N-ethyl acetate
Concen: 4.117 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

Tgt Ion: 43 Resp: 20345
Ion Ratio Lower Upper
43 100
70 47.5 37.9 56.9
55 27.2 20.5 30.7
61 29.2 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 3.529 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN086787.D

Acq: 27 May 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

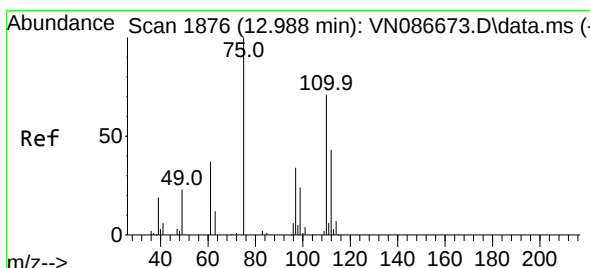
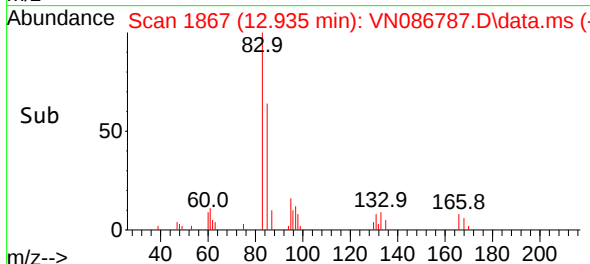
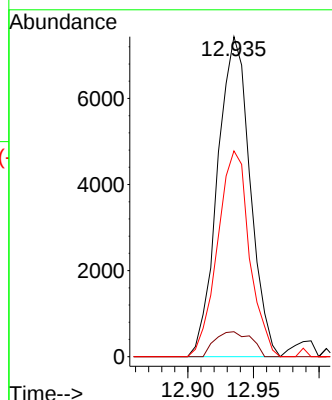
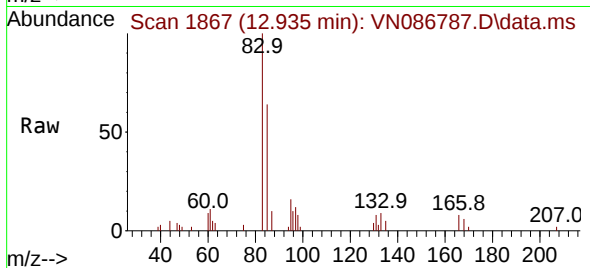
Tgt Ion:	83	Resp:	1282
Ion Ratio	Lower	Upper	
83	100		
131	8.7	5.0	15.0
85	63.1	32.4	97.2

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#76

1,2,3-Trichloropropane

Concen: 5.122 ug/l m

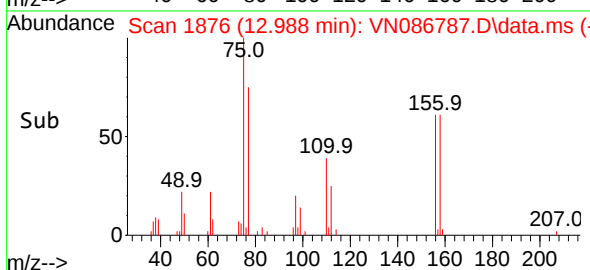
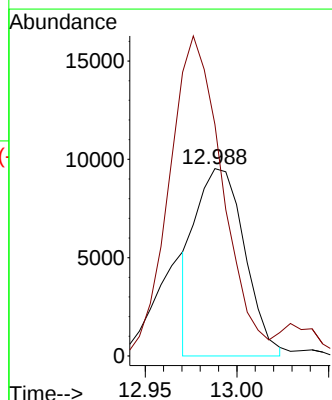
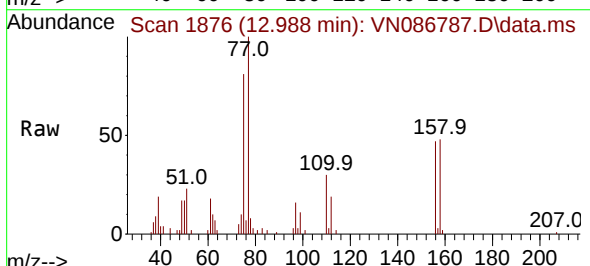
RT: 12.988 min Scan# 1876

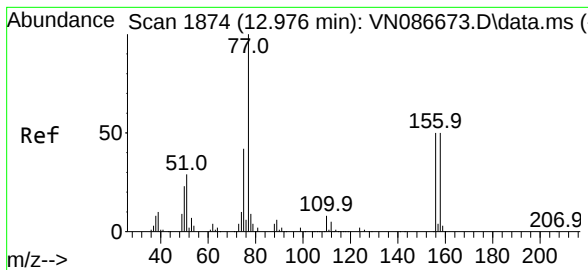
Delta R.T. -0.000 min

Lab File: VN086787.D

Acq: 27 May 2025 16:31

Tgt Ion:	75	Resp:	17738
Ion Ratio	Lower	Upper	
75	100		
77	185.0	96.0	288.1





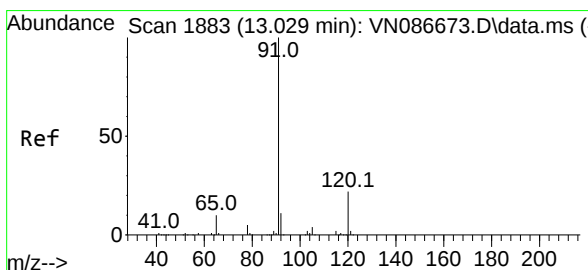
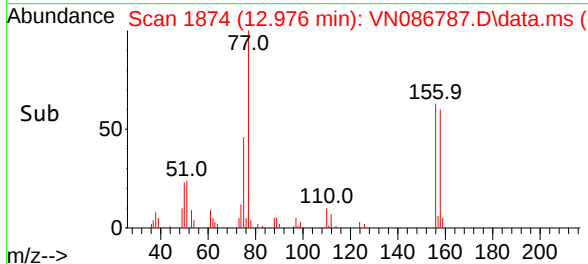
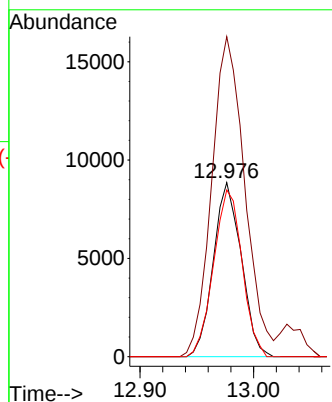
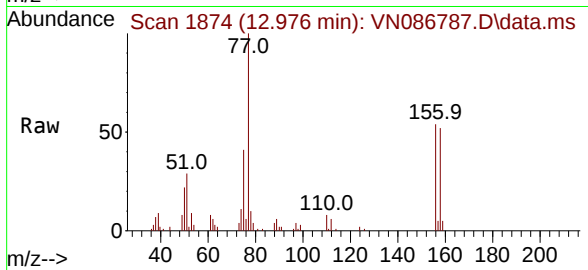
#77
Bromobenzene
Concen: 5.085 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

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

Tgt Ion:156 Resp: 1512
Ion Ratio Lower Upper
156 100
77 216.9 113.1 339.2
158 98.0 48.6 145.9

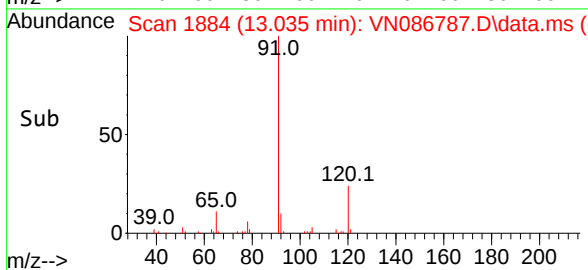
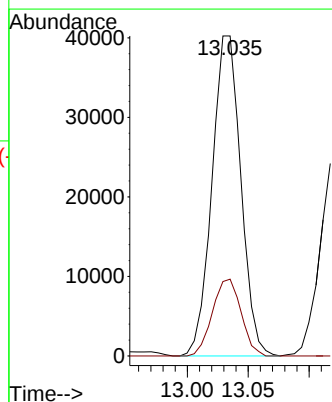
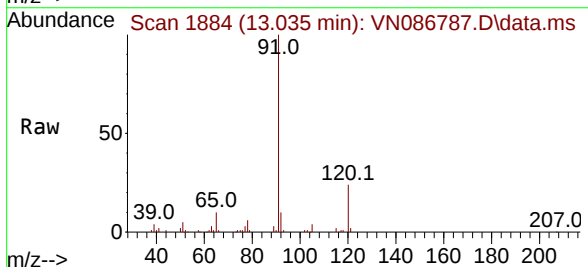
Manual Integrations
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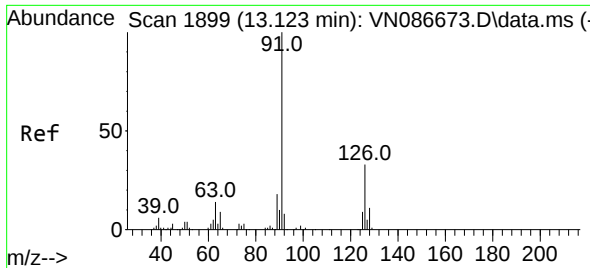
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#78
n-propylbenzene
Concen: 4.886 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

Tgt Ion: 91 Resp: 66319
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.1





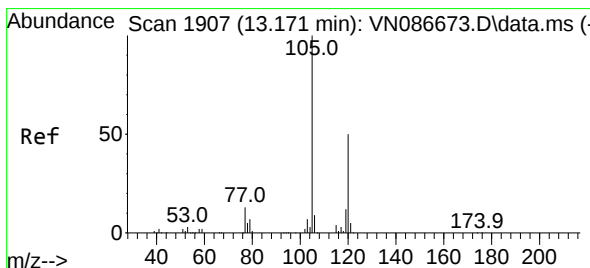
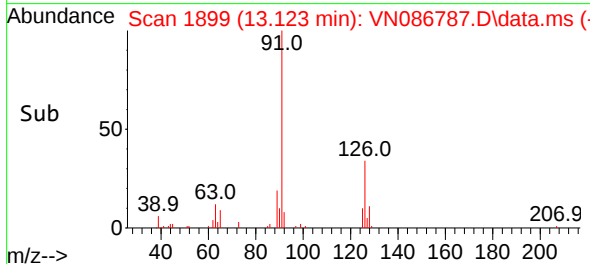
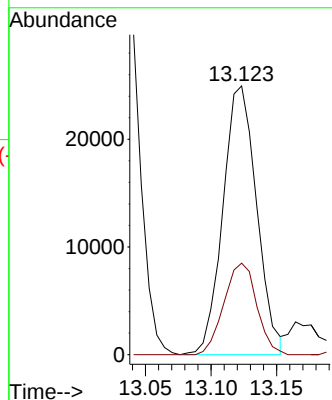
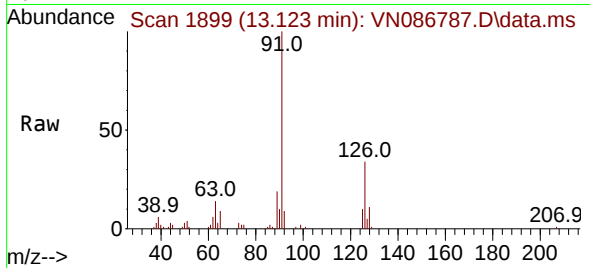
#79
2-Chlorotoluene
Concen: 5.063 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

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

Tgt Ion: 91 Resp: 4468
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7

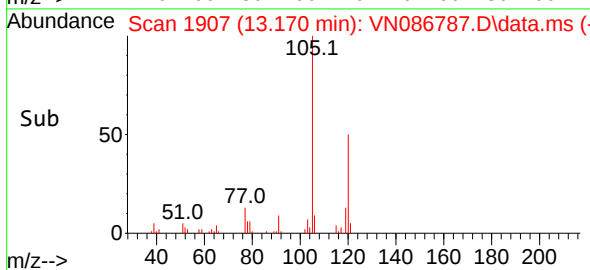
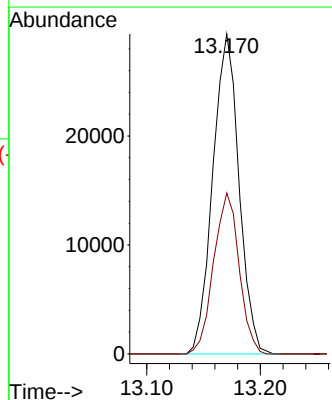
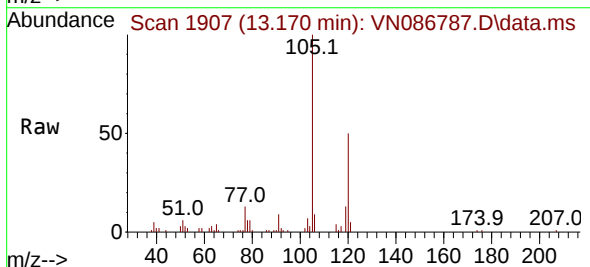
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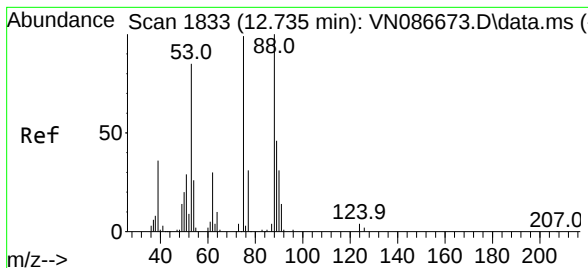
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 4.962 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

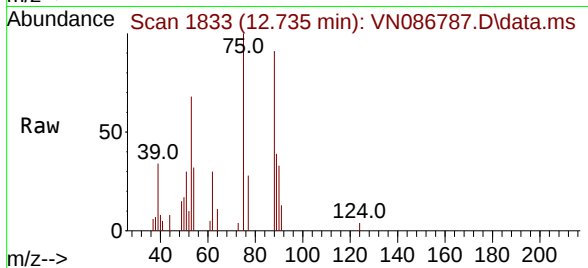
Tgt Ion:105 Resp: 47016
Ion Ratio Lower Upper
105 100
120 48.9 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 5.080 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

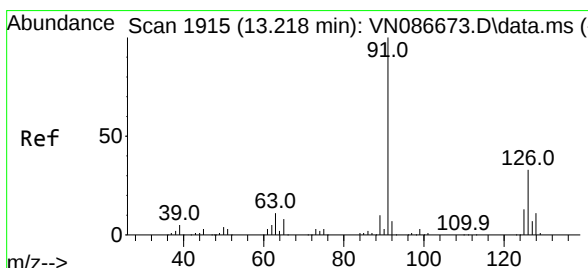
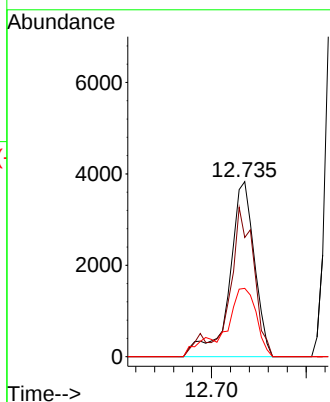
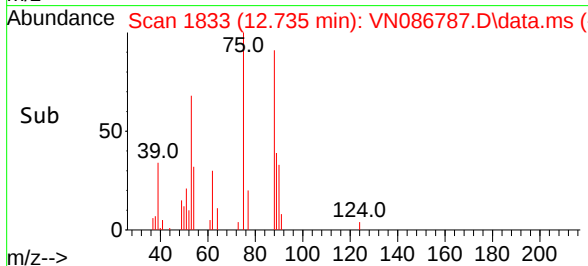
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



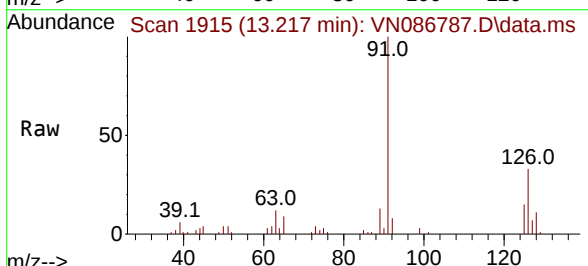
Tgt Ion: 75 Resp: 6970
Ion Ratio Lower Upper
75 100
53 77.1 70.4 105.6
89 50.5 32.4 48.6

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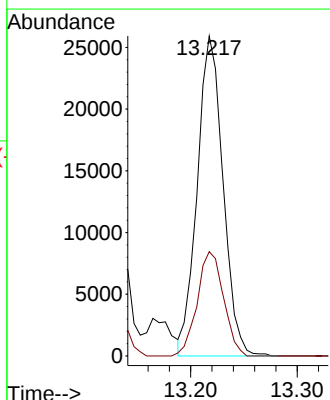
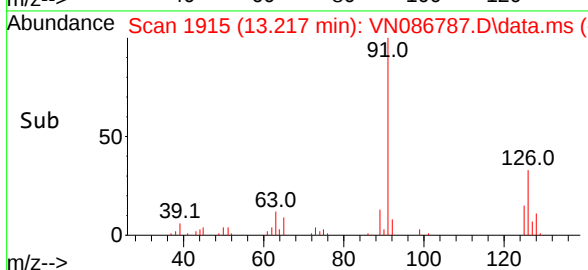
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

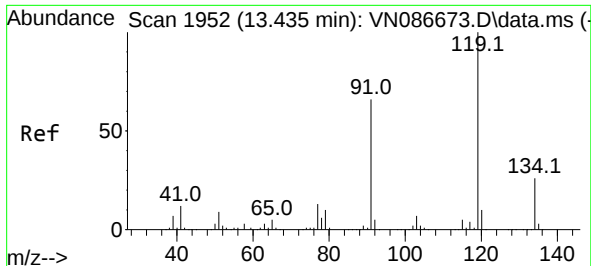


#82
4-Chlorotoluene
Concen: 4.995 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31



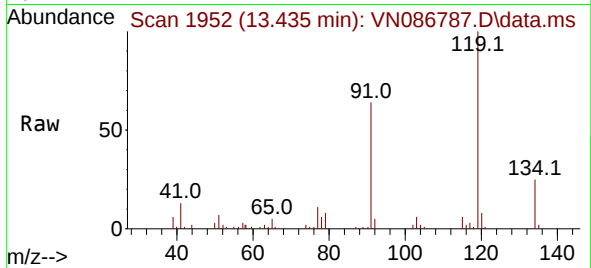
Tgt Ion: 91 Resp: 43671
Ion Ratio Lower Upper
91 100
126 33.2 17.0 50.9





#83
tert-Butylbenzene
Concen: 4.903 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

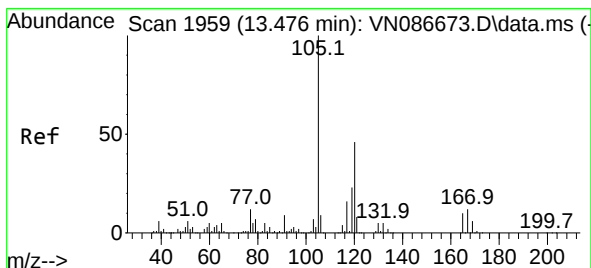
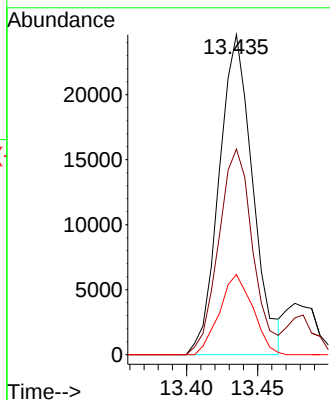
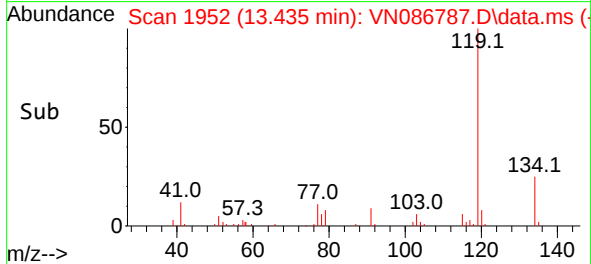
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:119 Resp: 4051
Ion Ratio Lower Upper
119 100
91 65.5 32.9 98.7
134 24.9 13.4 40.1

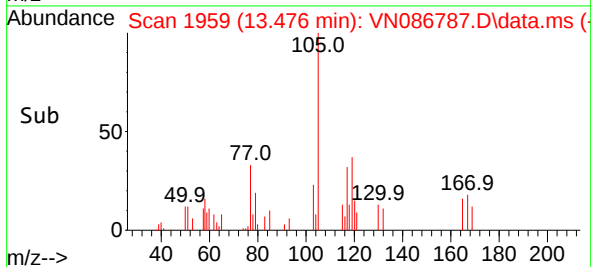
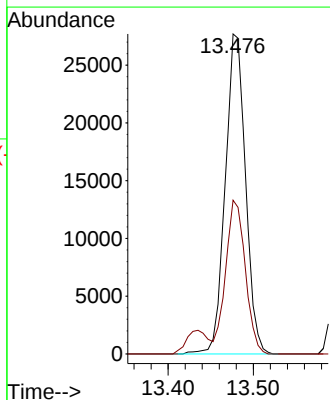
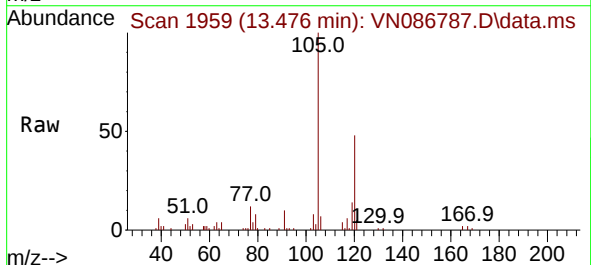
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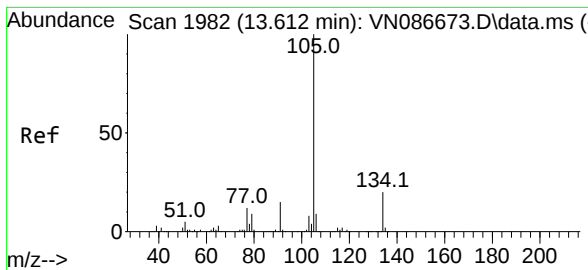
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 4.853 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

Tgt Ion:105 Resp: 45796
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





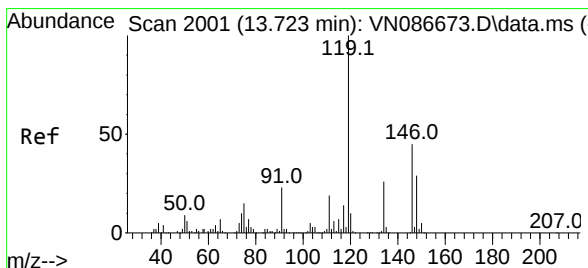
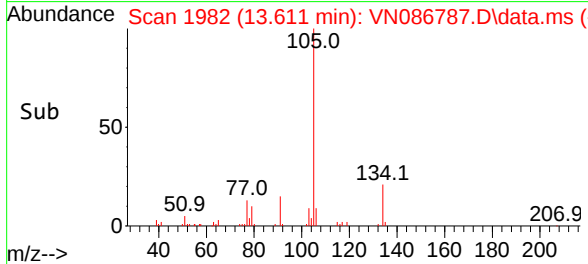
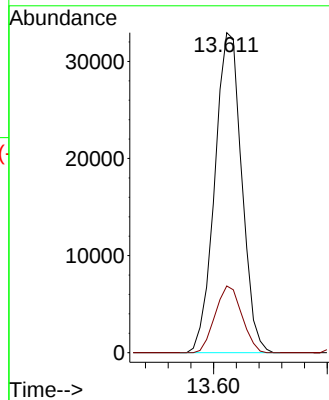
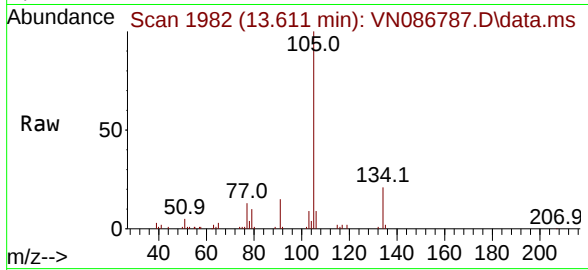
#85
 sec-Butylbenzene
 Concen: 4.902 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086787.D
 Acq: 27 May 2025 16:31

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

Tgt Ion:105 Resp: 5431
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

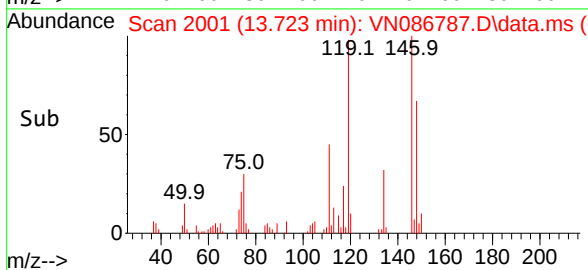
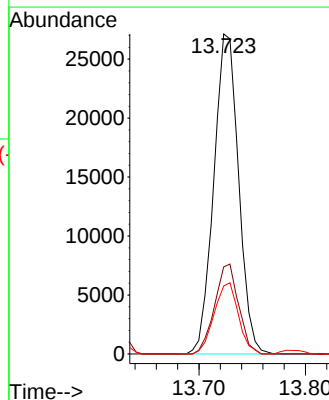
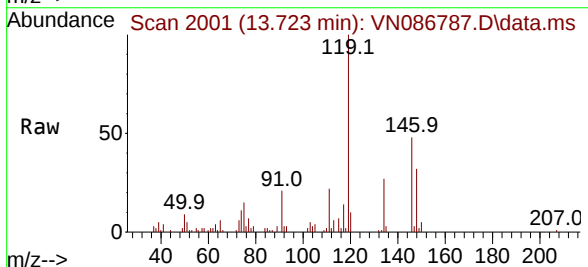
Manual Integrations
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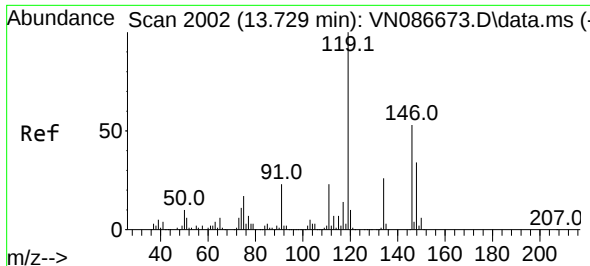
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#86
 p-Isopropyltoluene
 Concen: 4.831 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086787.D
 Acq: 27 May 2025 16:31

Tgt Ion:119 Resp: 43878
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.1
 91 21.8 11.5 34.5





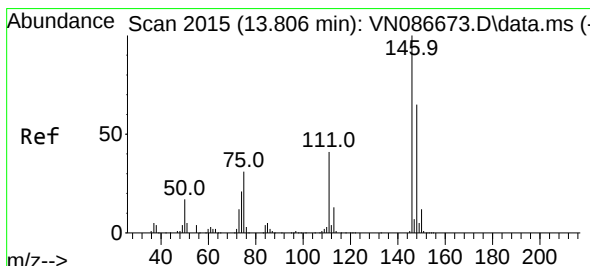
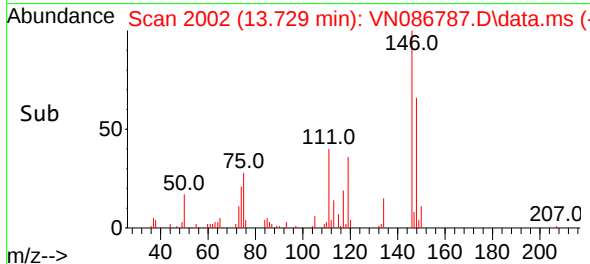
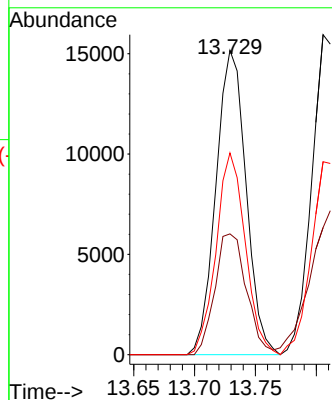
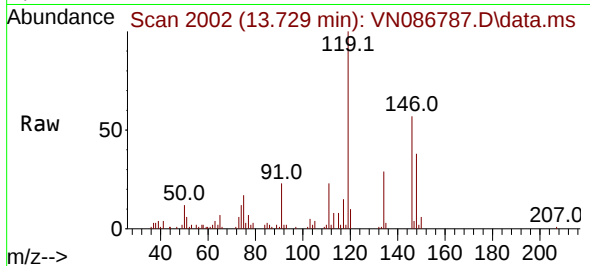
#87
1,3-Dichlorobenzene
Concen: 5.067 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

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

Tgt Ion:146 Resp: 26104
Ion Ratio Lower Upper
146 100
111 41.6 20.9 62.7
148 64.3 31.8 95.4

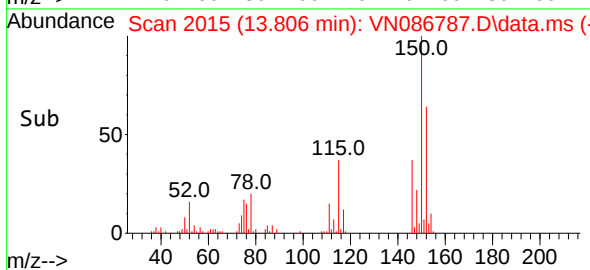
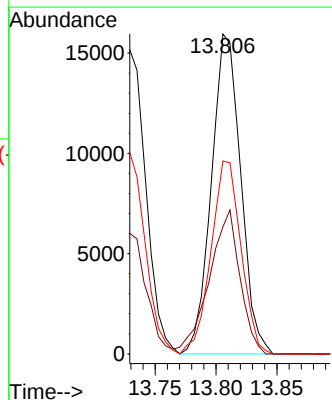
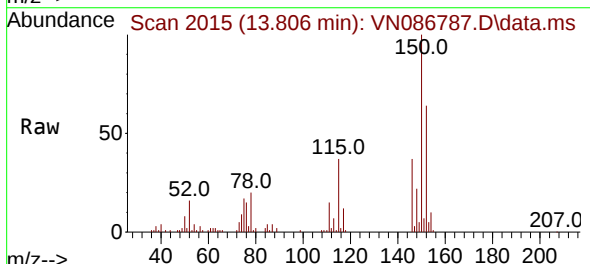
Manual Integrations
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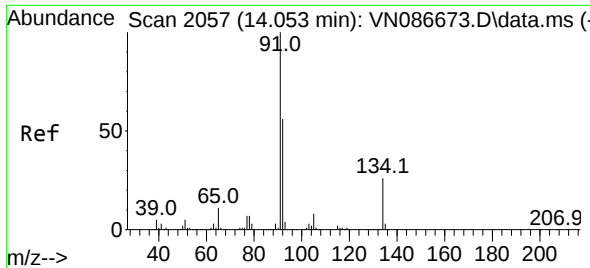
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#88
1,4-Dichlorobenzene
Concen: 5.236 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

Tgt Ion:146 Resp: 26728
Ion Ratio Lower Upper
146 100
111 47.2 20.6 61.8
148 61.8 32.0 96.0





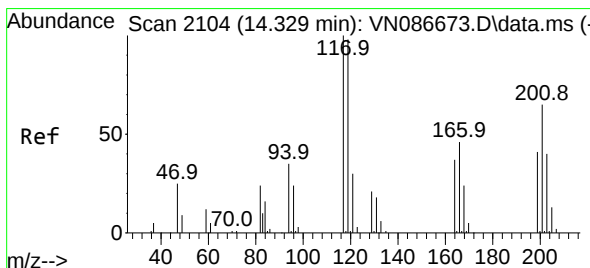
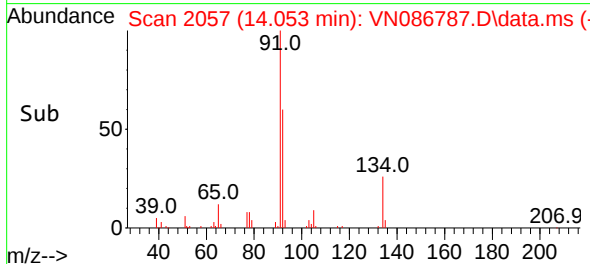
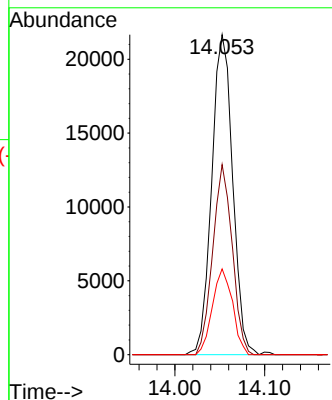
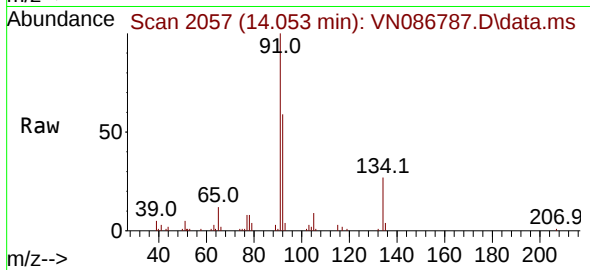
#89
n-Butylbenzene
Concen: 4.669 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

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

Tgt Ion: 91 Resp: 3515
Ion Ratio Lower Upper
91 100
92 55.3 27.4 82.0
134 25.6 12.8 38.4

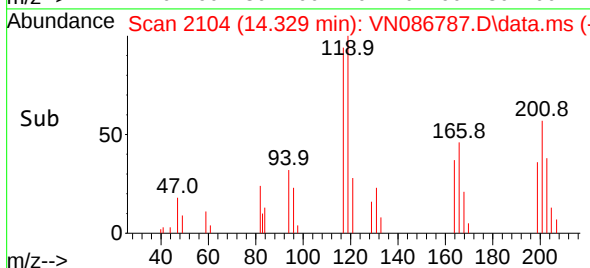
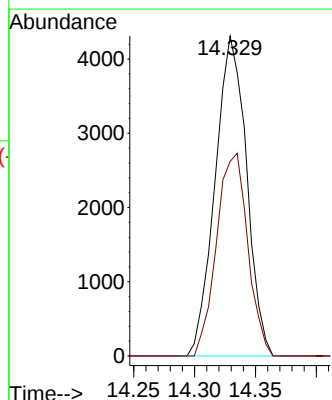
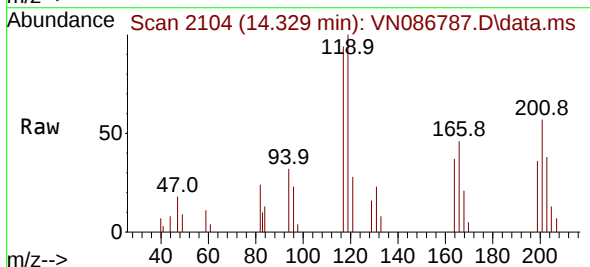
Manual Integrations
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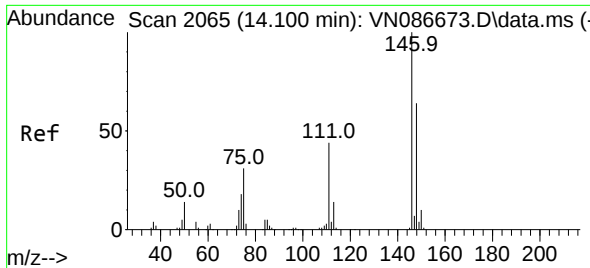
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 5.128 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

Tgt Ion:117 Resp: 7728
Ion Ratio Lower Upper
117 100
201 62.9 32.0 96.0





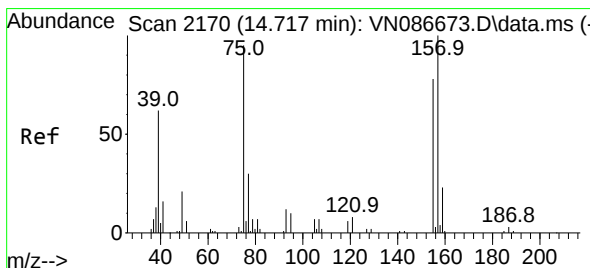
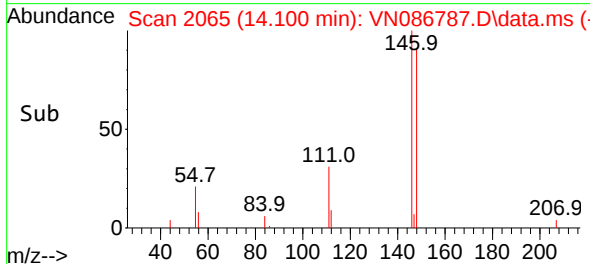
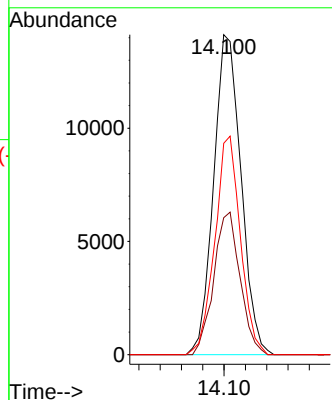
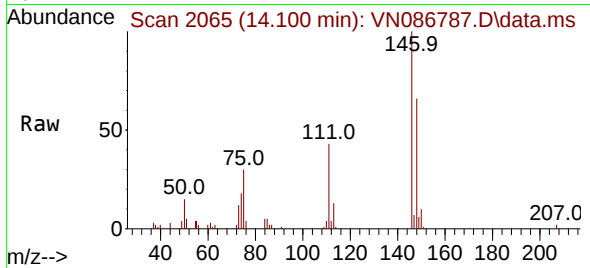
#91
1,2-Dichlorobenzene
Concen: 5.141 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

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

Tgt Ion:146 Resp: 2519
Ion Ratio Lower Upper
146 100
111 42.8 21.6 65.0
148 63.8 31.7 95.1

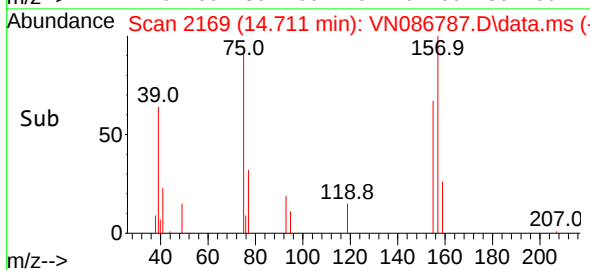
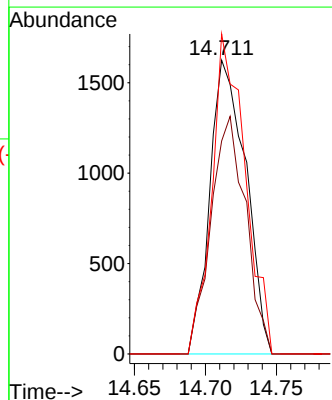
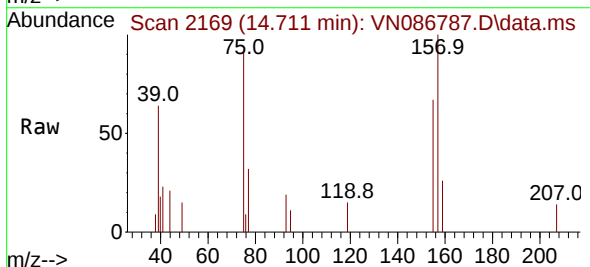
Manual Integrations
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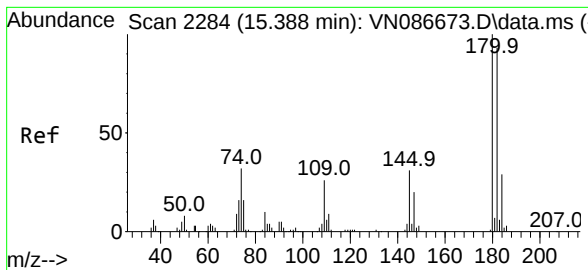
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.743 ug/l
RT: 14.711 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

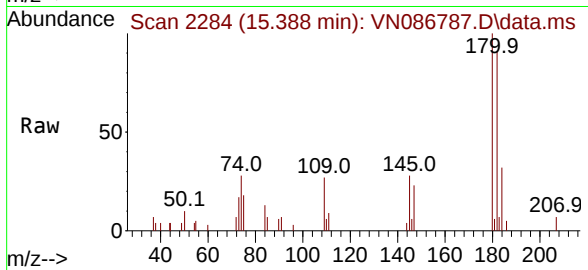
Tgt Ion: 75 Resp: 2855
Ion Ratio Lower Upper
75 100
155 78.2 40.5 121.5
157 101.2 53.6 160.8





#93
 1,2,4-Trichlorobenzene
 Concen: 4.917 ug/l
 RT: 15.388 min Scan# 2106
 Delta R.T. -0.000 min
 Lab File: VN086787.D
 Acq: 27 May 2025 16:31

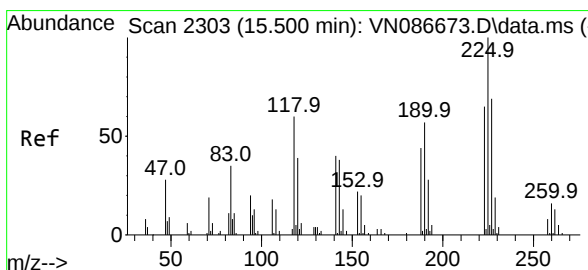
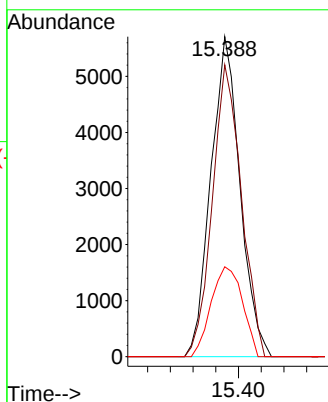
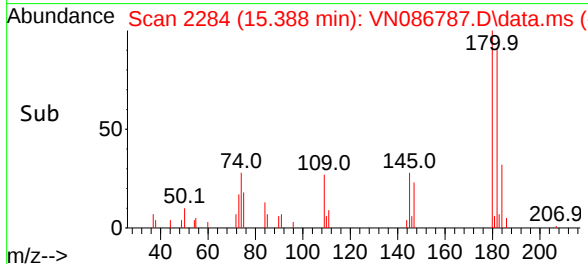
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



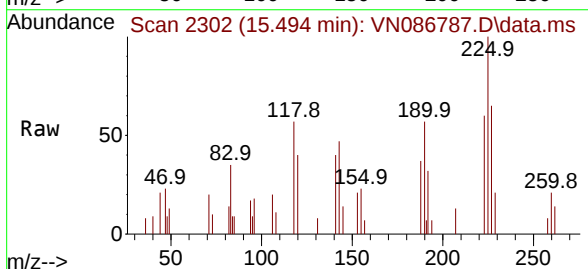
Tgt Ion:180 Resp: 10169
 Ion Ratio Lower Upper
 180 100
 182 90.7 47.1 141.3
 145 30.2 15.6 46.8

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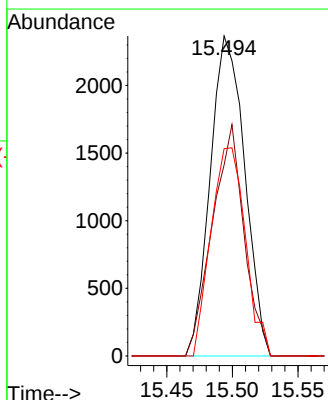
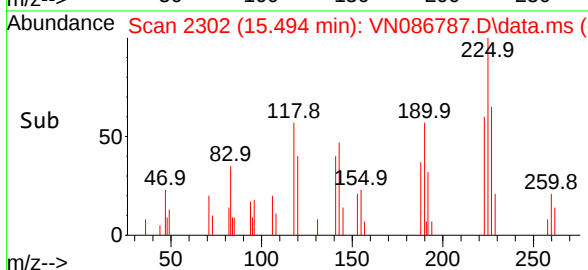
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025

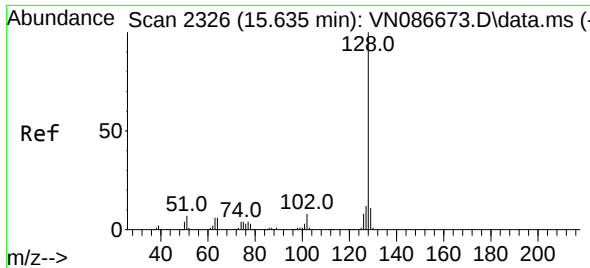


#94
 Hexachlorobutadiene
 Concen: 5.041 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086787.D
 Acq: 27 May 2025 16:31



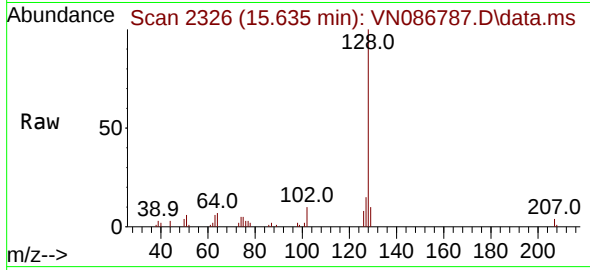
Tgt Ion:225 Resp: 4326
 Ion Ratio Lower Upper
 225 100
 223 66.7 32.9 98.6
 227 65.2 32.4 97.2





#95
Naphthalene
Concen: 4.549 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

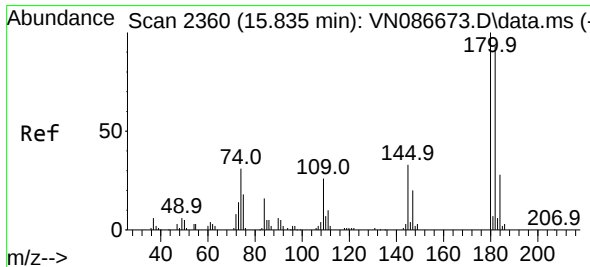
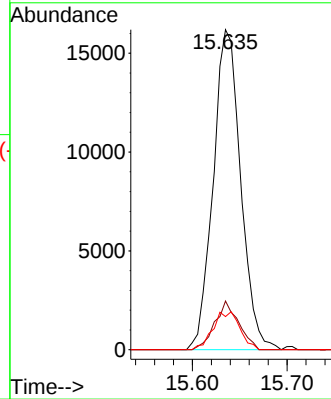
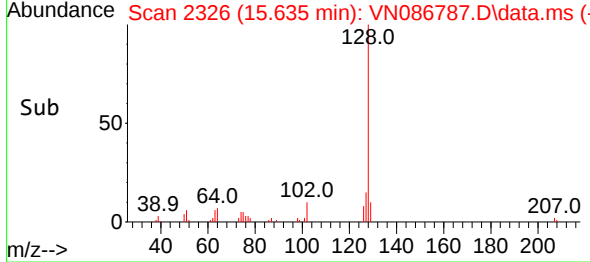
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion:128 Resp: 3266
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 11.6 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: 4.708 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086787.D
Acq: 27 May 2025 16:31

Tgt Ion:180 Resp: 9537
Ion Ratio Lower Upper
180 100
182 98.9 47.0 141.2
145 32.0 16.7 50.1

