

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086785.D
 Acq On : 27 May 2025 15:43
 Operator : JC\MD
 Sample : Q2126-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Quant Time: May 29 01:50:31 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	8.218	168	221864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	391253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	145885	47.585	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.180%			
35) Dibromofluoromethane	8.165	113	120697	51.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	10.565	98	495756	51.342	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.847	95	172453	50.581	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	5059	2.111	ug/l	99
3) Chloromethane	2.359	50	8920	2.461	ug/l	95
4) Vinyl Chloride	2.512	62	7521	2.311	ug/l	97
5) Bromomethane	2.953	94	4753	2.533	ug/l	91
6) Chloroethane	3.118	64	4717	2.212	ug/l	95
7) Trichlorofluoromethane	3.500	101	9138	2.349	ug/l	89
8) Diethyl Ether	3.959	74	3888	2.420	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	6043	2.595	ug/l	95
10) Methyl Iodide	4.594	142	7223	2.494	ug/l #	87
11) Tert butyl alcohol	5.518	59	5604	10.037	ug/l #	77
12) 1,1-Dichloroethene	4.330	96	6156	2.488	ug/l	83
13) Acrolein	4.171	56	3734	6.256	ug/l	100
14) Allyl chloride	5.012	41	8952	2.390	ug/l	93
15) Acrylonitrile	5.724	53	16628	12.028	ug/l	94
16) Acetone	4.424	43	12435	10.843	ug/l #	86
17) Carbon Disulfide	4.712	76	17330	2.529	ug/l	99
18) Methyl Acetate	5.018	43	17201	5.359	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	21263	2.523	ug/l	100
20) Methylene Chloride	5.283	84	7672	2.535	ug/l #	88
21) trans-1,2-Dichloroethene	5.788	96	6731	2.573	ug/l	89
22) Diisopropyl ether	6.671	45	20083	2.377	ug/l	96
23) Vinyl Acetate	6.600	43	45759	7.205	ug/l	100
24) 1,1-Dichloroethane	6.571	63	11869	2.392	ug/l	98
25) 2-Butanone	7.482	43	19638	11.082	ug/l	91
26) 2,2-Dichloropropane	7.488	77	10411	2.543	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	8239	2.566	ug/l	97
28) Bromochloromethane	7.806	49	4990	2.214	ug/l #	87
29) Tetrahydrofuran	7.841	42	12909	11.160	ug/l	97
30) Chloroform	7.965	83	12082	2.433	ug/l	90
31) Cyclohexane	8.247	56	14861	3.230	ug/l #	95
32) 1,1,1-Trichloroethane	8.165	97	10477	2.502	ug/l #	48
36) 1,1-Dichloropropene	8.365	75	8565	2.492	ug/l	99
37) Ethyl Acetate	7.565	43	8486m	2.444	ug/l	
38) Carbon Tetrachloride	8.359	117	8844	2.612	ug/l	87
39) Methylcyclohexane	9.600	83	9857	2.650	ug/l	97
40) Benzene	8.600	78	30256	2.699	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	4371	2.332	ug/l	93
42) 1,2-Dichloroethane	8.665	62	8975	2.569	ug/l	95
43) Isopropyl Acetate	8.676	43	17852	2.565	ug/l	95
44) Trichloroethene	9.347	130	8527	3.153	ug/l	97
45) 1,2-Dichloropropane	9.618	63	7003	2.629	ug/l #	88
46) Dibromomethane	9.700	93	4575	2.546	ug/l	96
47) Bromodichloromethane	9.888	83	9282	2.507	ug/l	93
48) Methyl methacrylate	9.676	41	6167	2.287	ug/l	94
49) 1,4-Dioxane	9.688	88	2674	46.823	ug/l #	78
51) 4-Methyl-2-Pentanone	10.441	43	39632	11.292	ug/l	97
52) Toluene	10.629	92	18759	2.692	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	9851	2.513	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	10874	2.541	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	6490	2.497	ug/l #	89
56) Ethyl methacrylate	10.870	69	9940	2.382	ug/l #	91
57) 1,3-Dichloropropane	11.159	76	11203	2.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	21203	11.367	ug/l	99
59) 2-Hexanone	11.194	43	29026	11.325	ug/l	97
60) Dibromochloromethane	11.359	129	7118	2.613	ug/l	98
61) 1,2-Dibromoethane	11.465	107	6711	2.569	ug/l	97
64) Tetrachloroethene	11.100	164	9799	3.689	ug/l	94
65) Chlorobenzene	11.888	112	20058	2.638	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	6360	2.591	ug/l	97
67) Ethyl Benzene	11.959	91	31920	2.451	ug/l	95
68) m/p-Xylenes	12.065	106	24266	4.920	ug/l	100
69) o-Xylene	12.394	106	12478	2.545	ug/l	99
70) Styrene	12.412	104	18673	2.326	ug/l	98
71) Bromoform	12.576	173	5066	2.902	ug/l #	97
73) Isopropylbenzene	12.694	105	28651	2.443	ug/l	98
74) N-amyl acetate	12.494	43	9879	2.016	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.929	83	6752	1.874	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	7609m	2.216	ug/l	
77) Bromobenzene	12.976	156	7496	2.541	ug/l	97
78) n-propylbenzene	13.035	91	31505	2.341	ug/l	100
79) 2-Chlorotoluene	13.123	91	22062	2.521	ug/l	99
80) 1,3,5-Trimethylbenzene	13.164	105	22859	2.433	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	2941	2.161	ug/l	98
82) 4-Chlorotoluene	13.217	91	21370	2.465	ug/l	99
83) tert-Butylbenzene	13.435	119	19803	2.417	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	22695	2.426	ug/l	97
85) sec-Butylbenzene	13.611	105	26495	2.411	ug/l	99
86) p-Isopropyltoluene	13.723	119	21698	2.409	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	13128	2.570	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	13590	2.685	ug/l	92
89) n-Butylbenzene	14.053	91	16775	2.247	ug/l	99
90) Hexachloroethane	14.329	117	3896	2.607	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	12776	2.629	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	1300	2.178	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	5050	2.462	ug/l	97
94) Hexachlorobutadiene	15.500	225	2111	2.481	ug/l	92
95) Naphthalene	15.635	128	16498	2.317	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	4661	2.321	ug/l	94

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LOD-MDL-WATER-01-QT2-2025

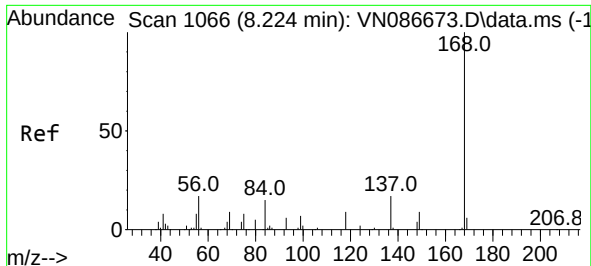
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/29/2025

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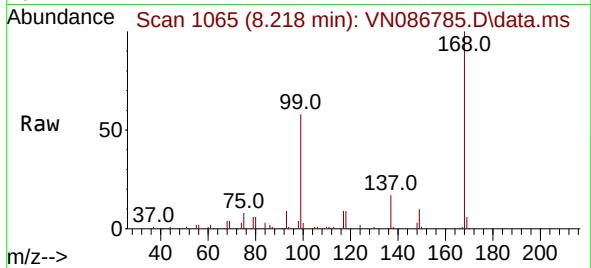
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
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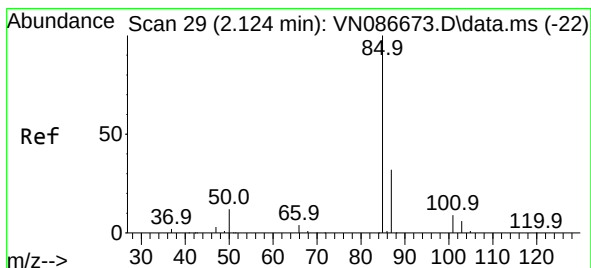
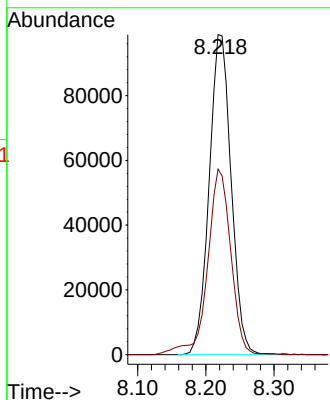
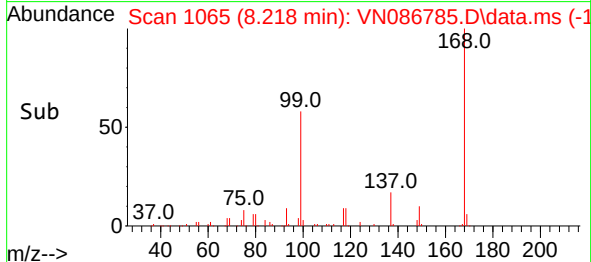
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:168 Resp: 221864
Ion Ratio Lower Upper
168 100
99 57.7 47.0 70.4

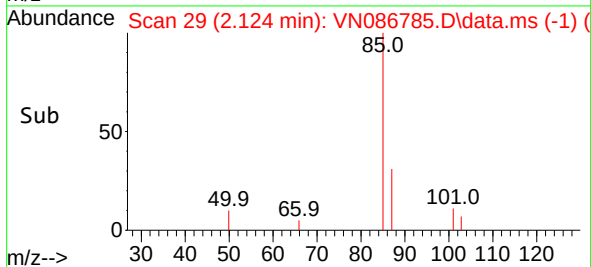
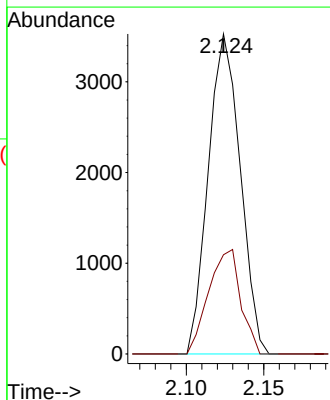
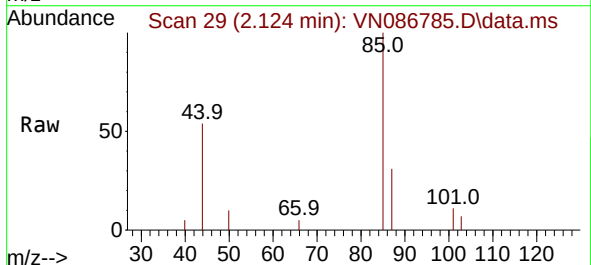
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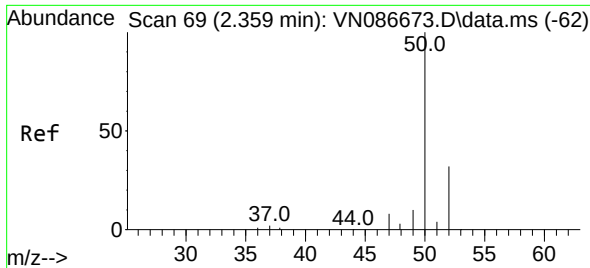
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#2
Dichlorodifluoromethane
Concen: 2.111 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion: 85 Resp: 5059
Ion Ratio Lower Upper
85 100
87 31.0 15.9 47.6





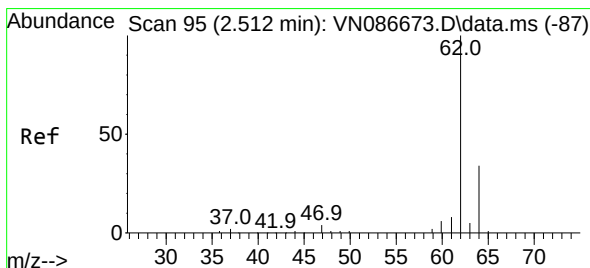
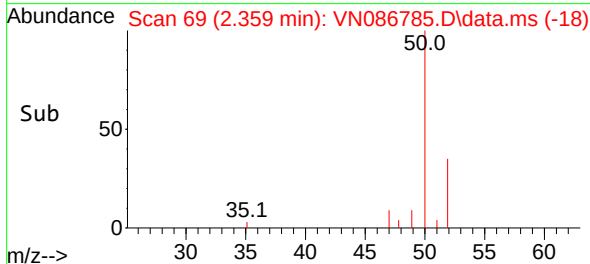
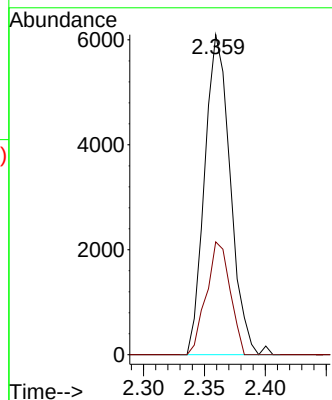
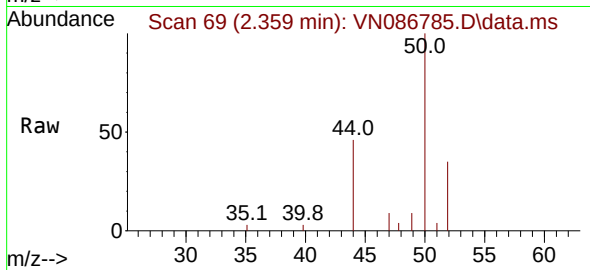
#3
Chloromethane
Concen: 2.461 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086785.D
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Tgt Ion: 50 Resp: 8920
Ion Ratio Lower Upper
50 100
52 35.3 25.9 38.9

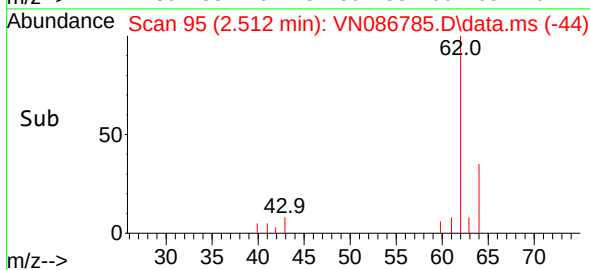
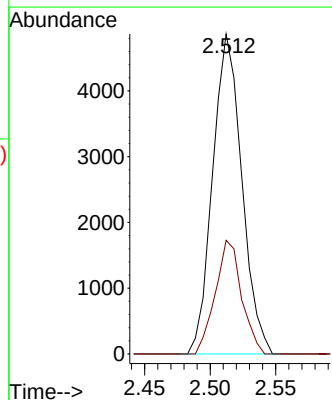
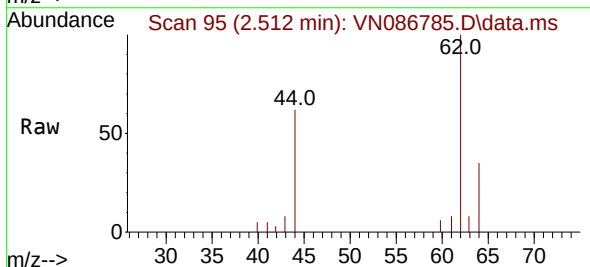
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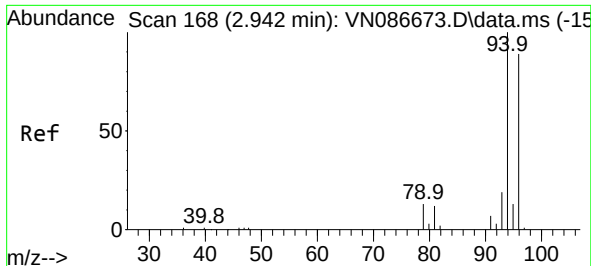
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#4
Vinyl Chloride
Concen: 2.311 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
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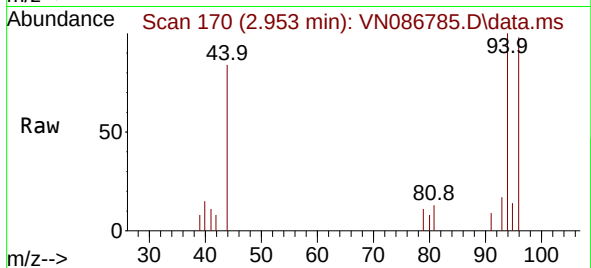
Tgt Ion: 62 Resp: 7521
Ion Ratio Lower Upper
62 100
64 35.5 26.9 40.3





#5
Bromomethane
Concen: 2.533 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

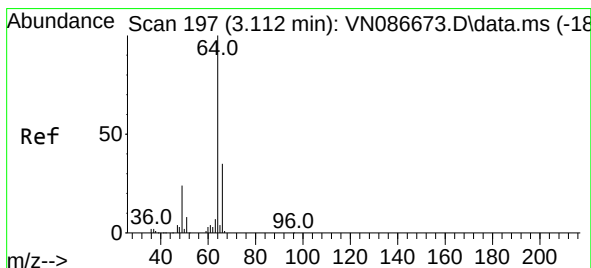
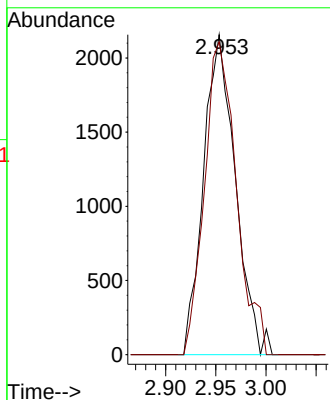
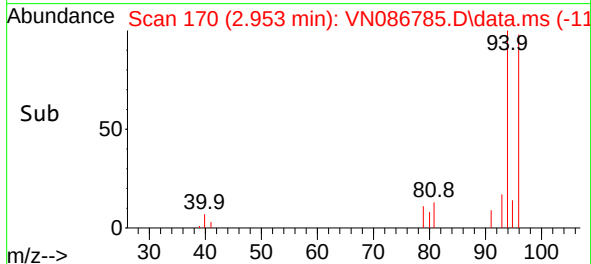
Instrument :
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Tgt Ion: 94 Resp: 475
Ion Ratio Lower Upper
94 100
96 97.7 71.2 106.8

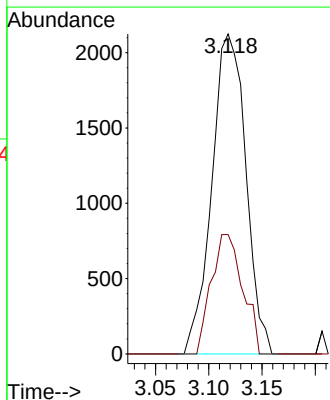
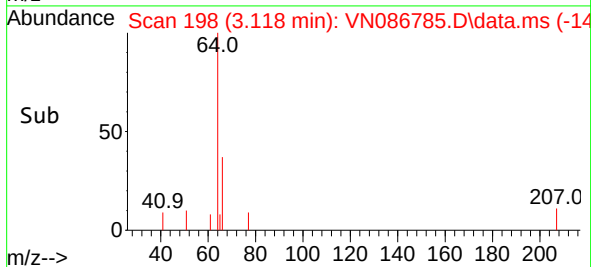
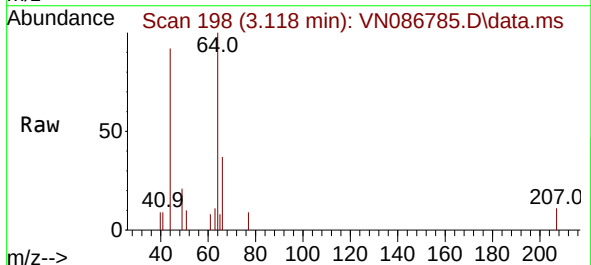
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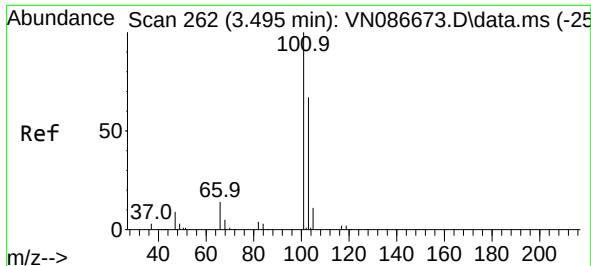
Reviewed By :John Carlone 05/29/2025
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#6
Chloroethane
Concen: 2.212 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion: 64 Resp: 4717
Ion Ratio Lower Upper
64 100
66 37.3 27.7 41.5





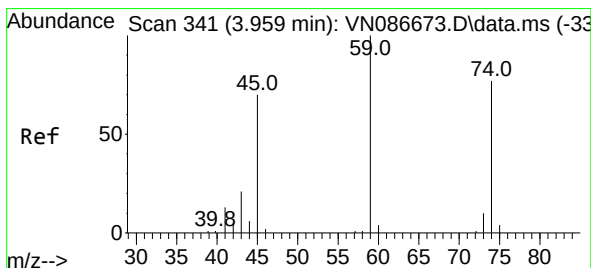
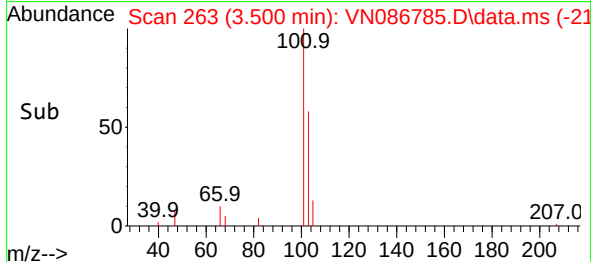
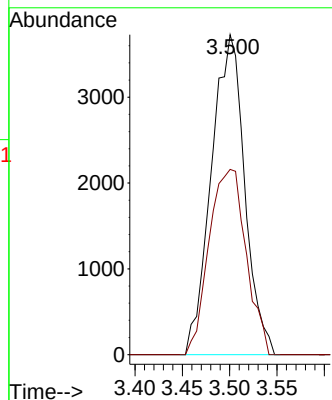
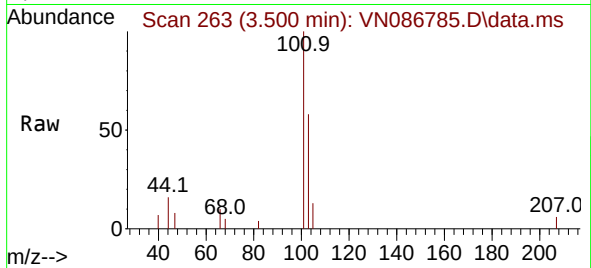
#7
Trichlorofluoromethane
Concen: 2.349 ug/l
RT: 3.500 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 101 Resp: 9138
Ion Ratio Lower Upper
101 100
103 57.9 53.4 80.0

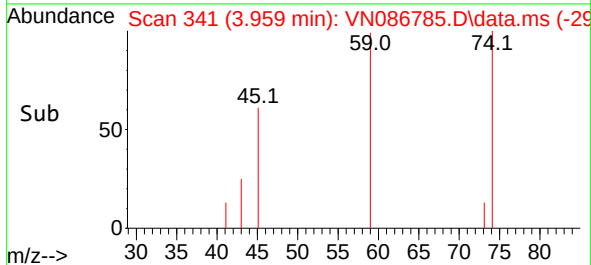
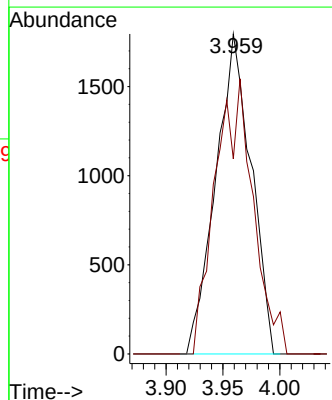
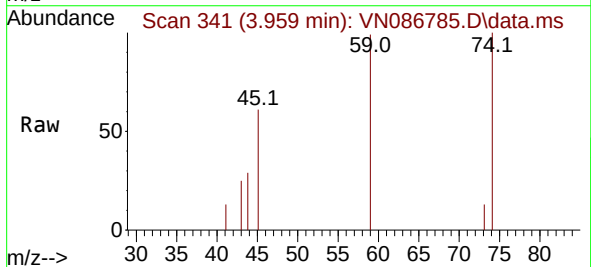
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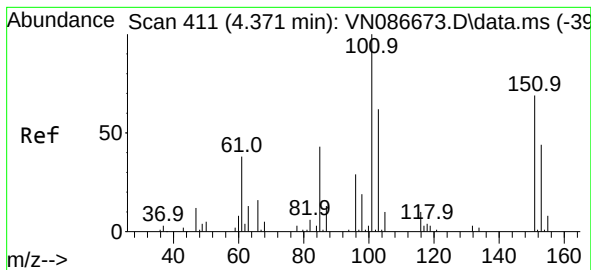
Reviewed By :John Carlone 05/29/2025
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#8
Diethyl Ether
Concen: 2.420 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion: 74 Resp: 3888
Ion Ratio Lower Upper
74 100
45 92.3 45.0 135.0





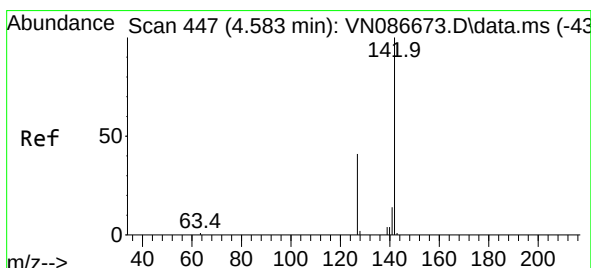
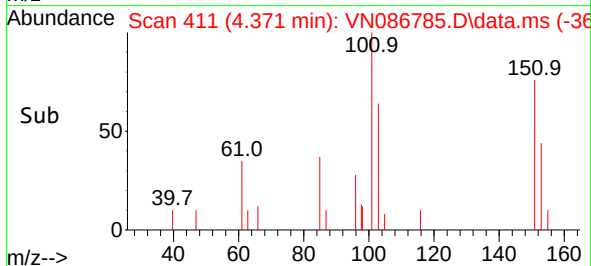
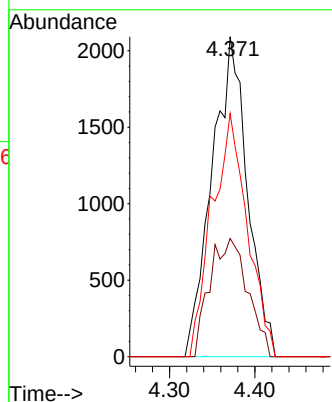
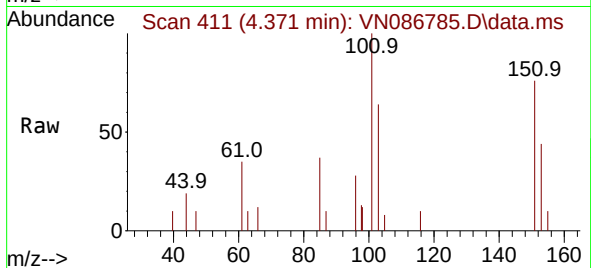
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.595 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:101 Resp: 604
Ion Ratio Lower Upper
101 100
85 39.6 35.0 52.6
151 75.6 58.1 87.1

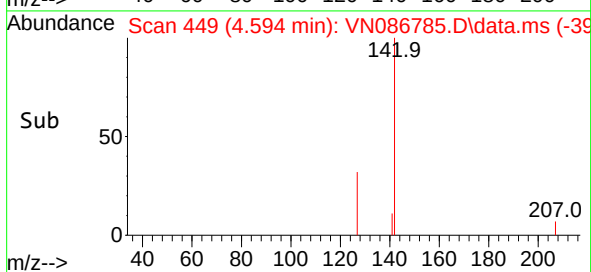
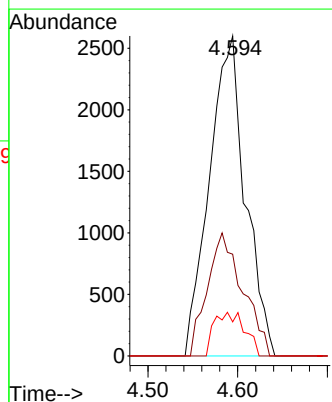
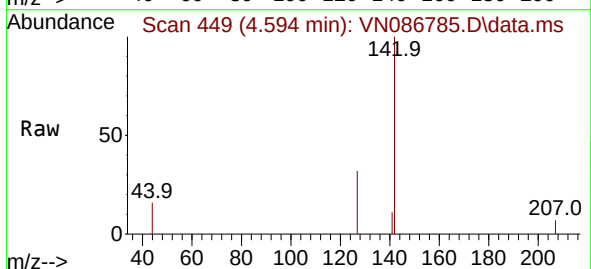
Manual Integrations
APPROVED

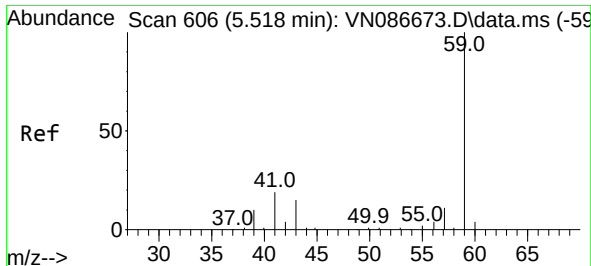
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 2.494 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

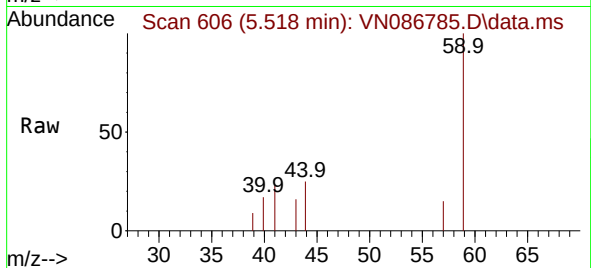
Tgt Ion:142 Resp: 7223
Ion Ratio Lower Upper
142 100
127 31.8 32.4 48.6#
141 10.7 11.4 17.2#





#11
Tert butyl alcohol
Concen: 10.037 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

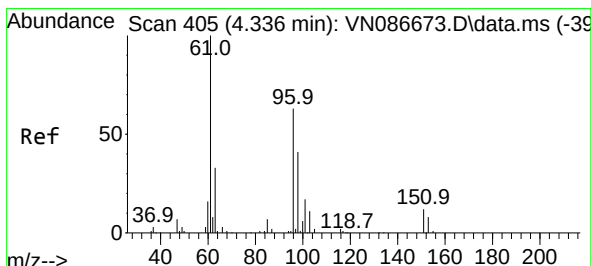
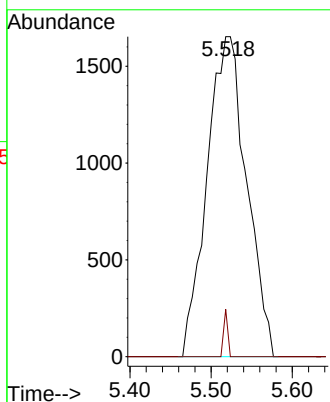
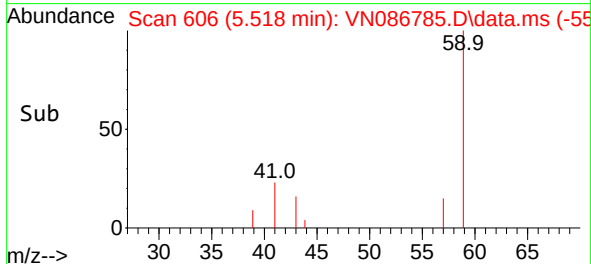
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



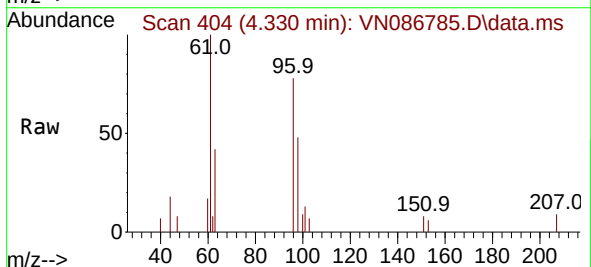
Tgt Ion: 59 Resp: 5604
Ion Ratio Lower Upper
59 100
57 1.5 8.2 12.2

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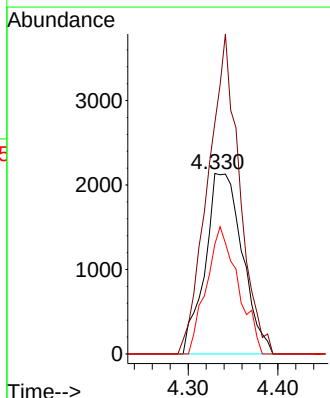
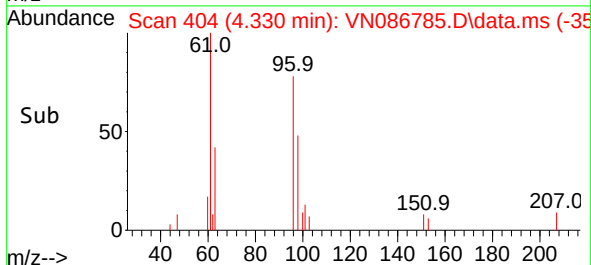
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

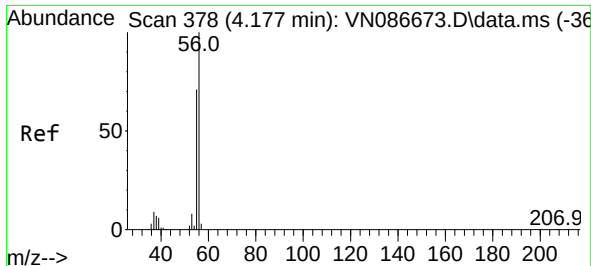


#12
1,1-Dichloroethene
Concen: 2.488 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43



Tgt Ion: 96 Resp: 6156
Ion Ratio Lower Upper
96 100
61 128.1 126.2 189.2
98 60.9 51.5 77.3





#13

Acrolein

Concen: 6.256 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

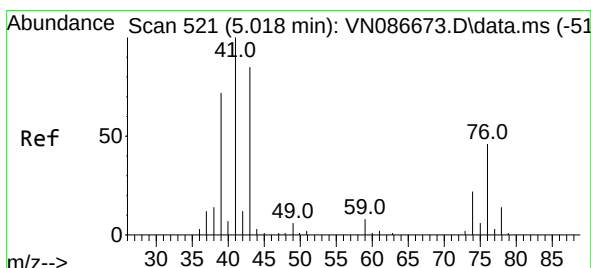
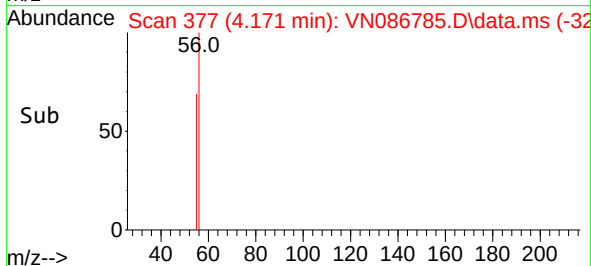
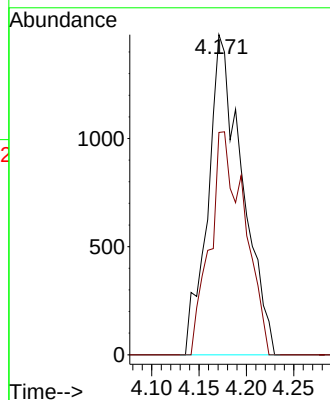
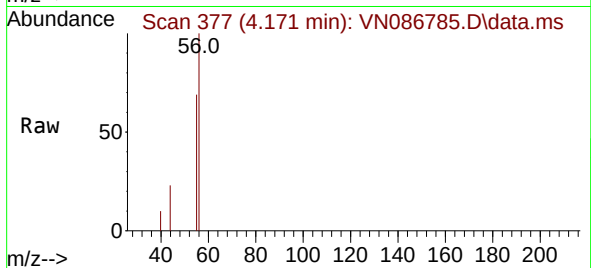
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 56 Resp: 3734
 Ion Ratio Lower Upper
 56 100
 55 69.8 55.7 83.5

Manual Integrations

APPROVED

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



#14

Allyl chloride

Concen: 2.390 ug/l

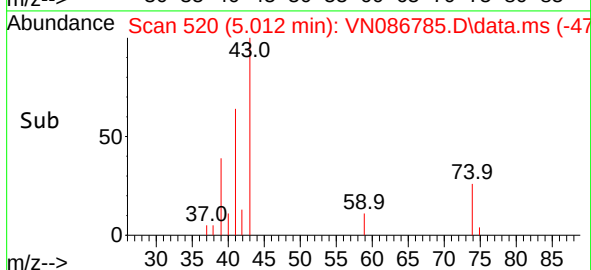
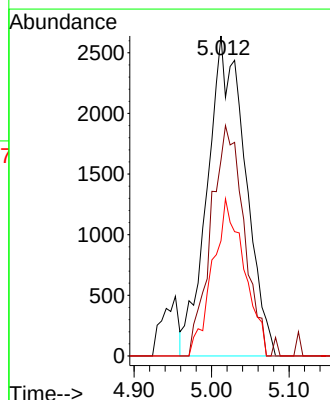
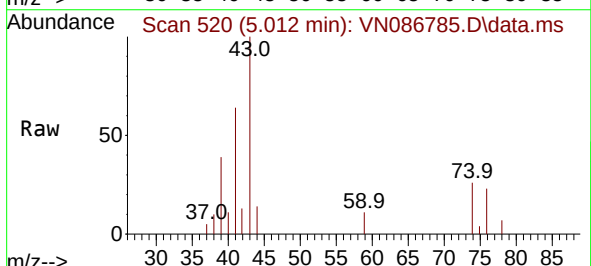
RT: 5.012 min Scan# 520

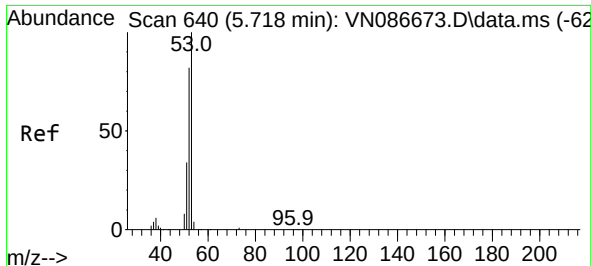
Delta R.T. -0.006 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

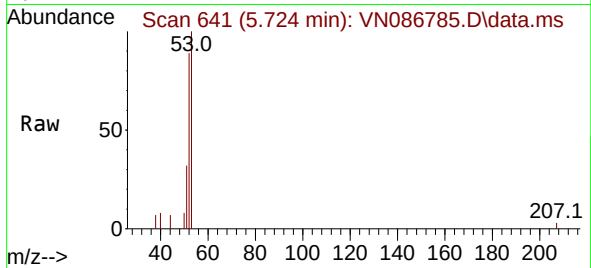
Tgt Ion: 41 Resp: 8952
 Ion Ratio Lower Upper
 41 100
 39 62.8 57.4 86.0
 76 41.2 33.2 49.8





#15
Acrylonitrile
Concen: 12.028 ug/l
RT: 5.724 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

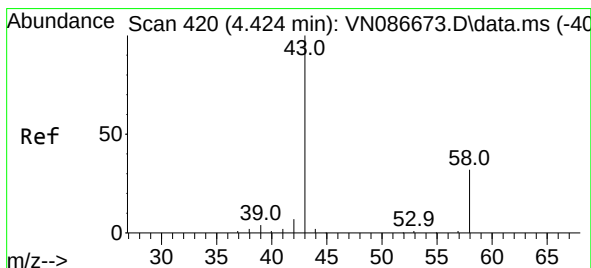
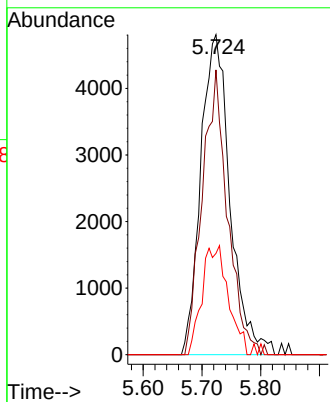
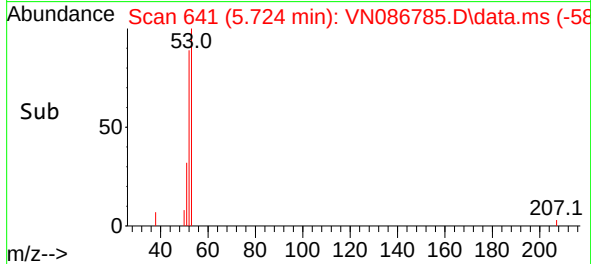
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



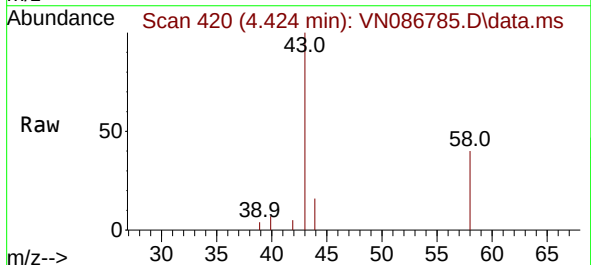
Tgt Ion: 53 Resp: 16628
Ion Ratio Lower Upper
53 100
52 76.9 65.4 98.2
51 30.6 27.9 41.9

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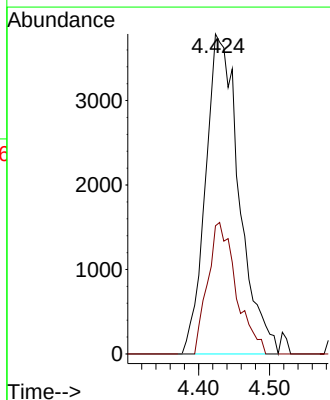
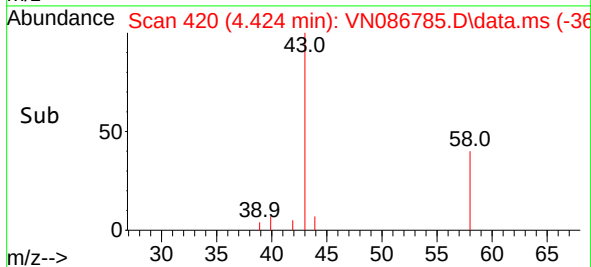
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

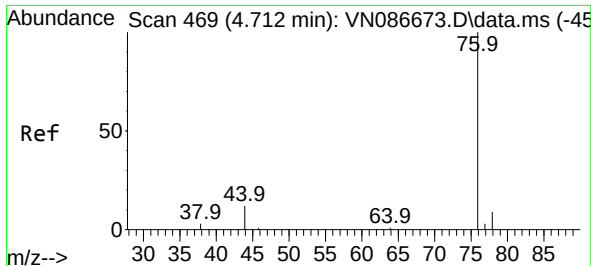


#16
Acetone
Concen: 10.843 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43



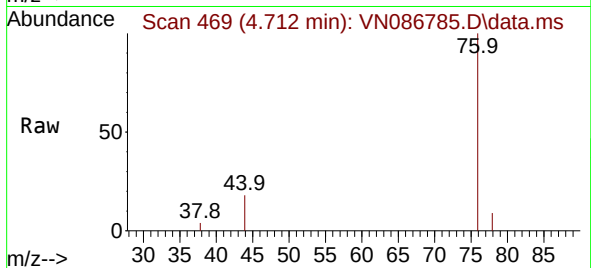
Tgt Ion: 43 Resp: 12435
Ion Ratio Lower Upper
43 100
58 40.0 25.8 38.6





#17
Carbon Disulfide
Concen: 2.529 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

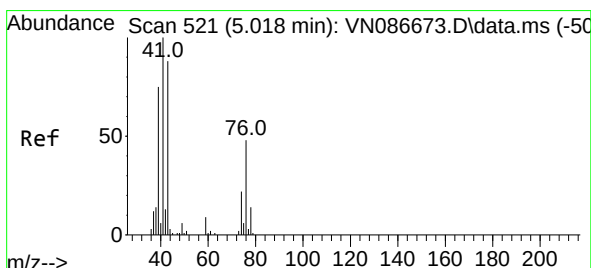
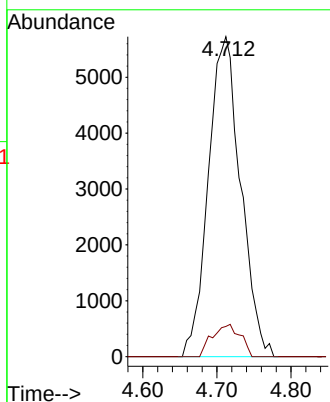
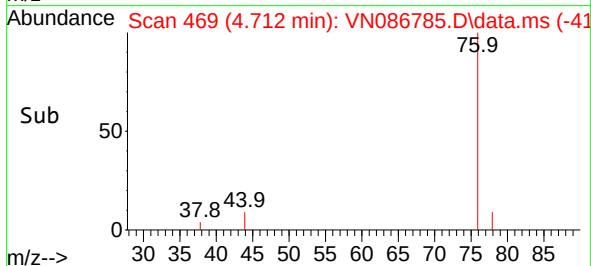
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



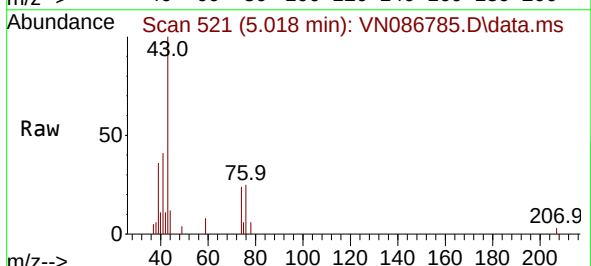
Tgt Ion: 76 Resp: 17330
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

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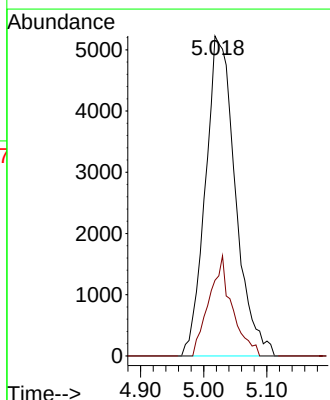
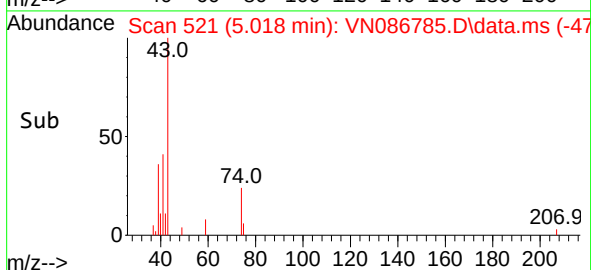
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

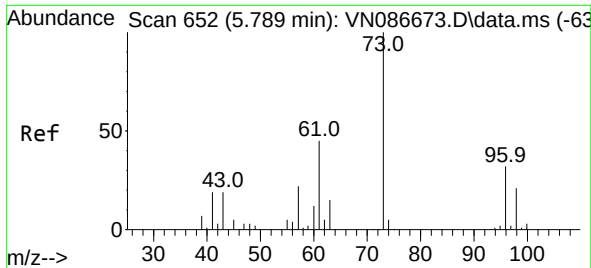


#18
Methyl Acetate
Concen: 5.359 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43



Tgt Ion: 43 Resp: 17201
Ion Ratio Lower Upper
43 100
74 24.2 20.5 30.7





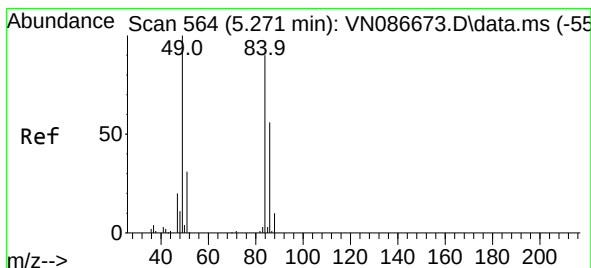
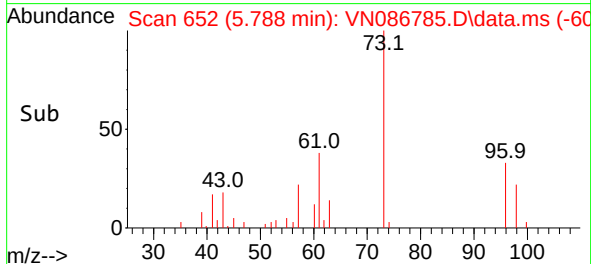
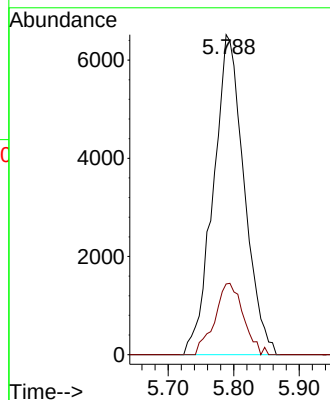
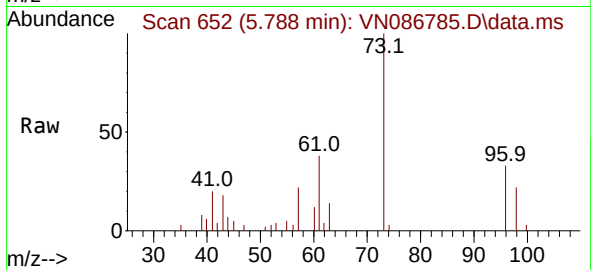
#19
Methyl tert-butyl Ether
Concen: 2.523 ug/l
RT: 5.788 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 73 Resp: 2126
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

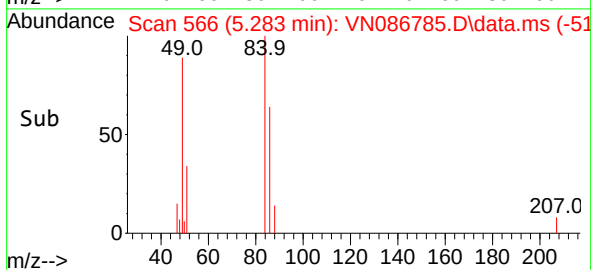
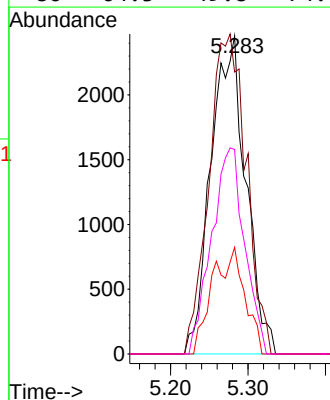
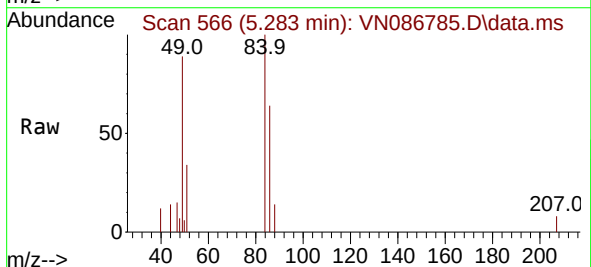
Manual Integrations
APPROVED

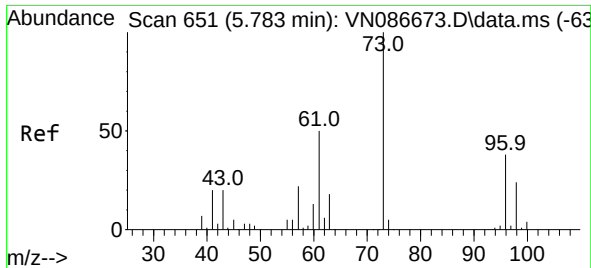
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 2.535 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion: 84 Resp: 7672
Ion Ratio Lower Upper
84 100
49 88.6 88.8 133.2#
51 33.5 27.8 41.6
86 64.3 49.8 74.6





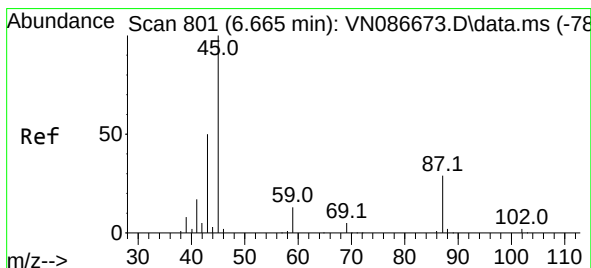
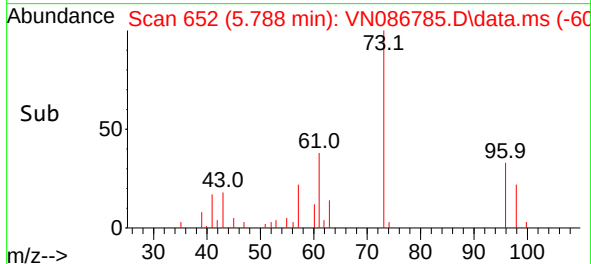
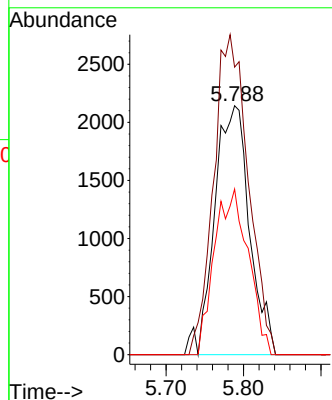
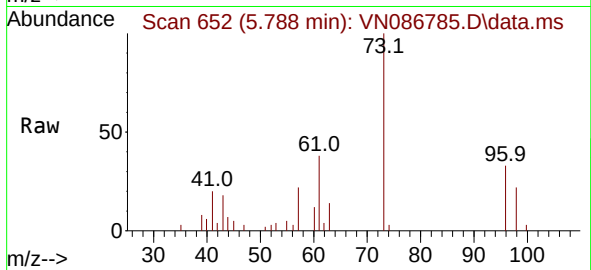
#21
trans-1,2-Dichloroethene
Concen: 2.573 ug/l
RT: 5.788 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 96 Resp: 673
Ion Ratio Lower Upper
96 100
61 115.5 105.7 158.5
98 66.5 51.0 76.6

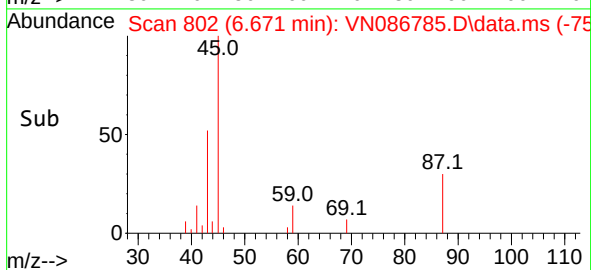
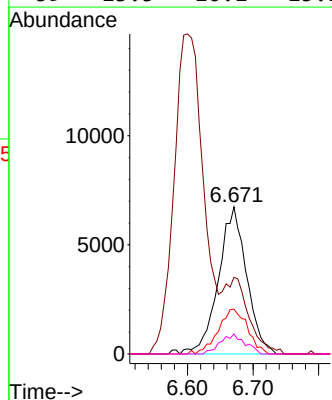
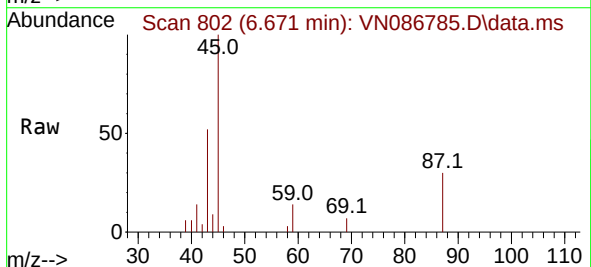
Manual Integrations
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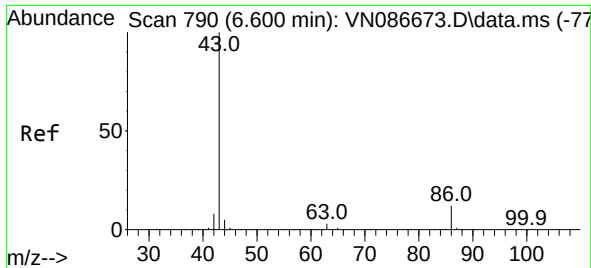
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#22
Diisopropyl ether
Concen: 2.377 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion: 45 Resp: 20083
Ion Ratio Lower Upper
45 100
43 48.7 41.4 62.2
87 30.5 22.9 34.3
59 13.5 10.1 15.1





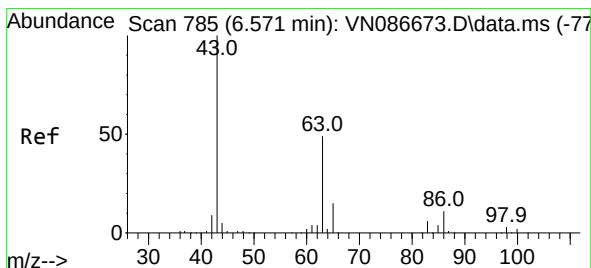
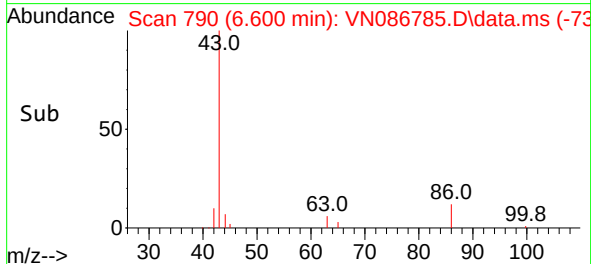
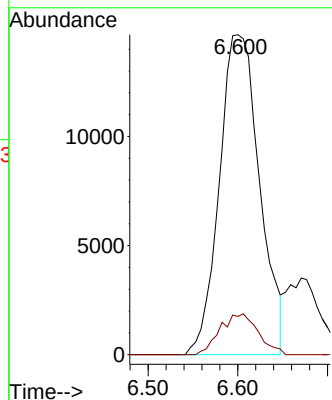
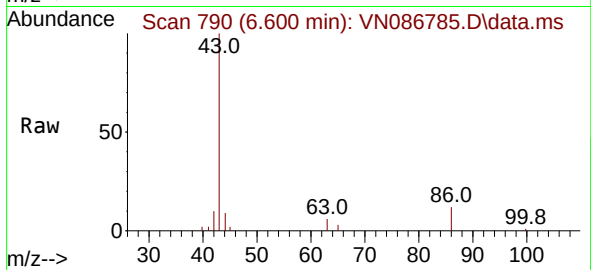
#23
 Vinyl Acetate
 Concen: 7.205 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086785.D
 Acq: 27 May 2025 15:43

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 45759
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.5 14.3

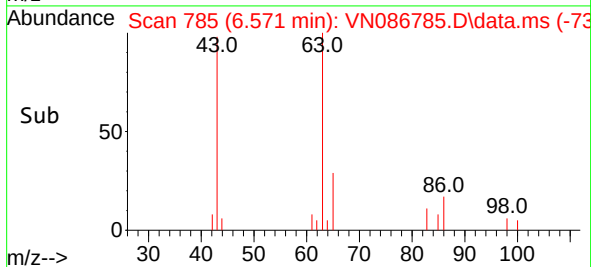
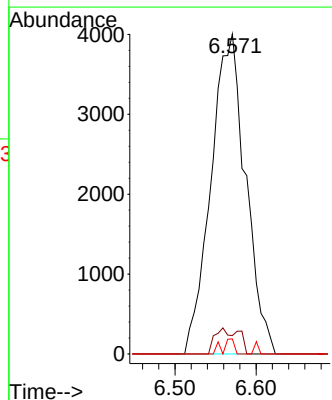
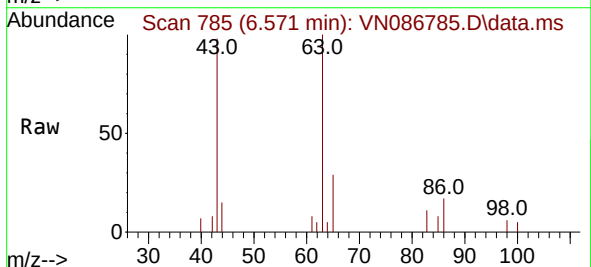
Manual Integrations
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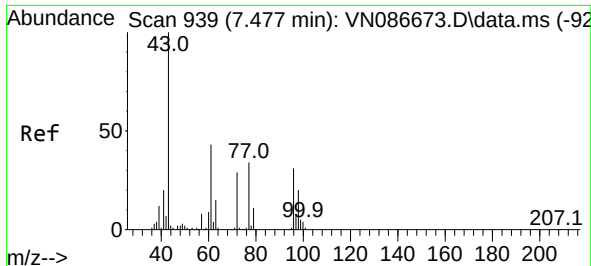
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#24
 1,1-Dichloroethane
 Concen: 2.392 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN086785.D
 Acq: 27 May 2025 15:43

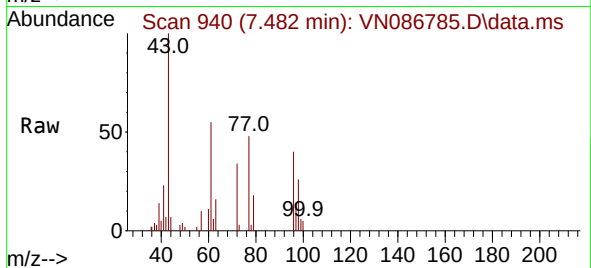
Tgt Ion: 63 Resp: 11869
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.4 10.2
 100 4.7 2.4 7.1





#25
2-Butanone
Concen: 11.082 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

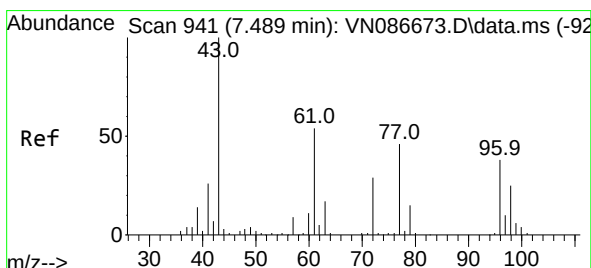
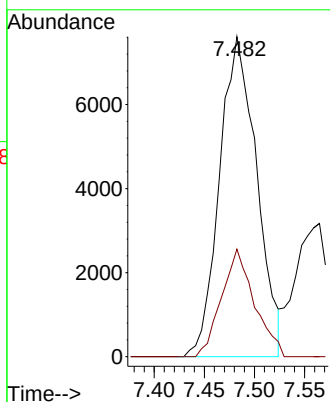
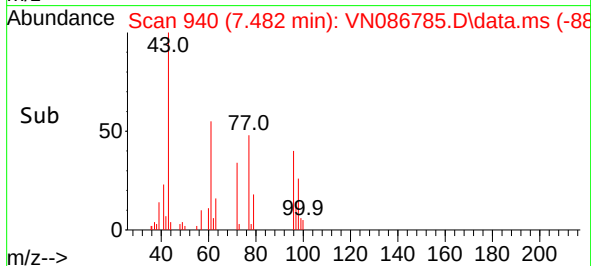
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



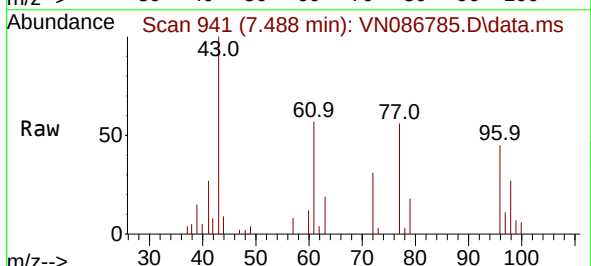
Tgt Ion: 43 Resp: 19638
Ion Ratio Lower Upper
43 100
72 33.6 23.1 34.7

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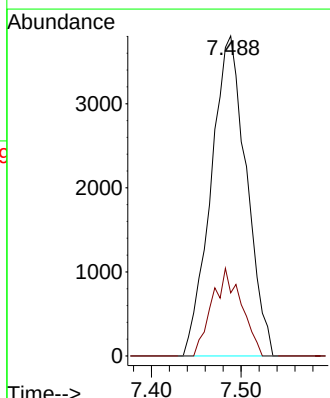
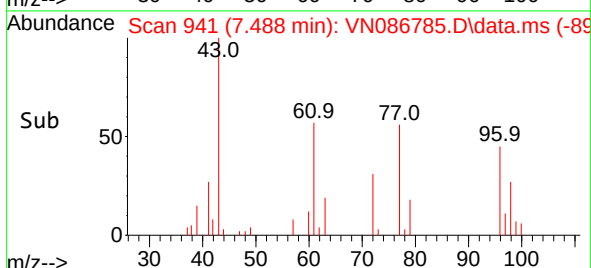
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

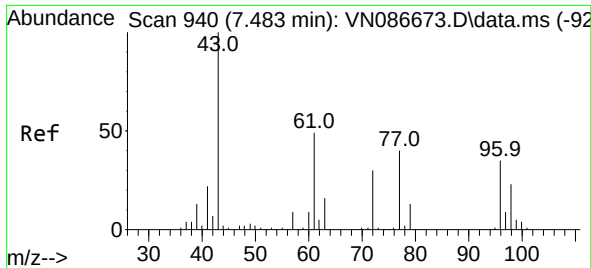


#26
2,2-Dichloropropane
Concen: 2.543 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43



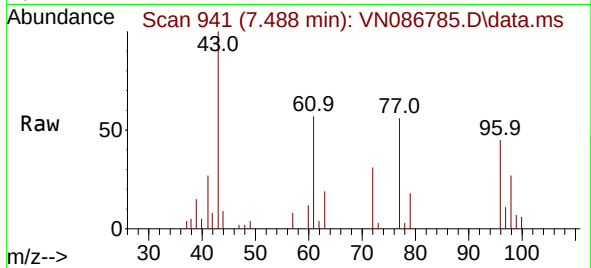
Tgt Ion: 77 Resp: 10411
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 2.566 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086785.D
 Acq: 27 May 2025 15:43

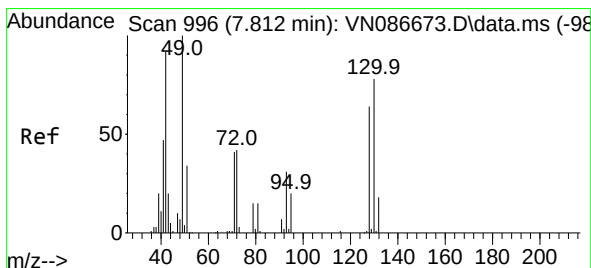
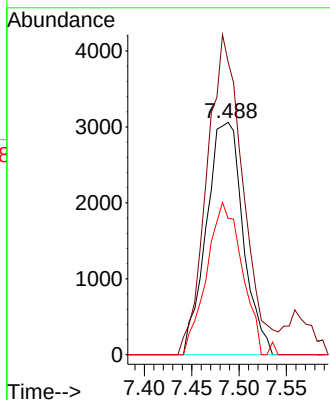
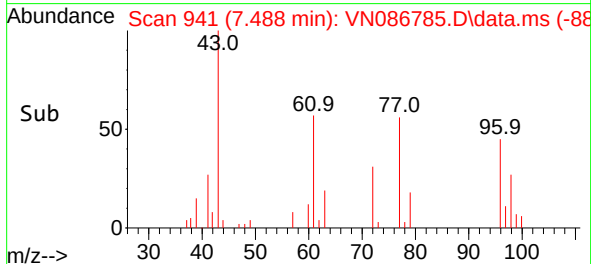
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 96 Resp: 8239
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 277.4
 98 62.8 0.0 129.6

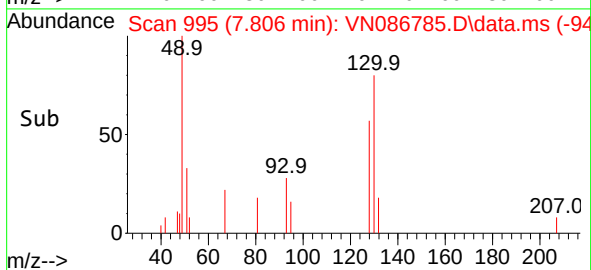
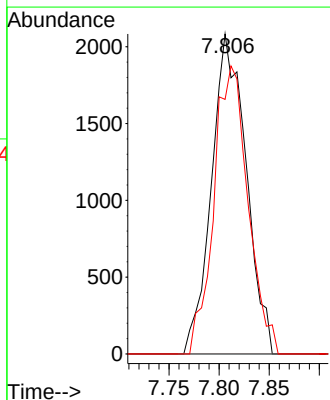
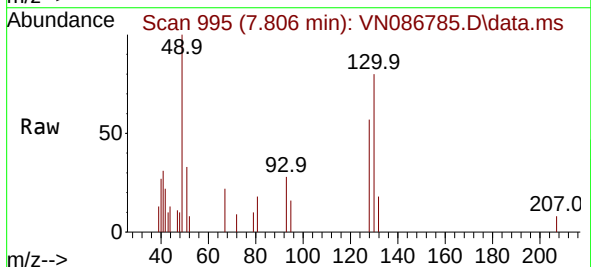
Manual Integrations
 APPROVED

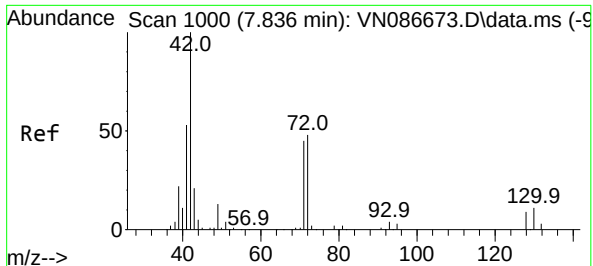
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#28
 Bromochloromethane
 Concen: 2.214 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN086785.D
 Acq: 27 May 2025 15:43

Tgt Ion: 49 Resp: 4990
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 89.1 62.2 93.4





#29

Tetrahydrofuran

Concen: 11.160 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

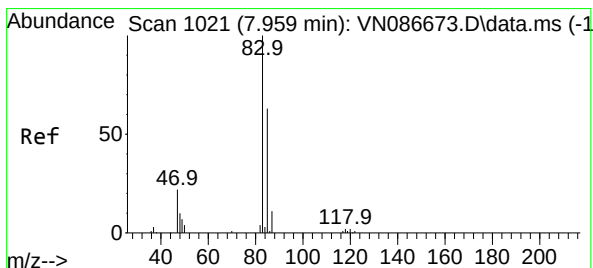
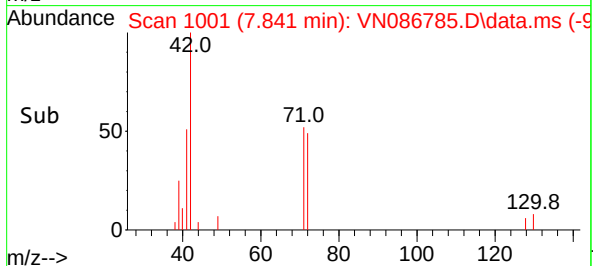
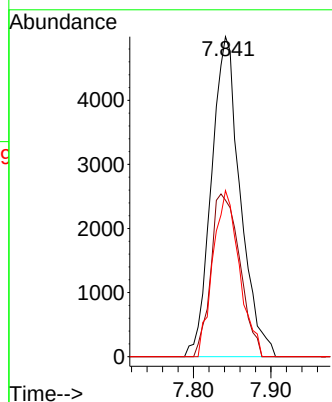
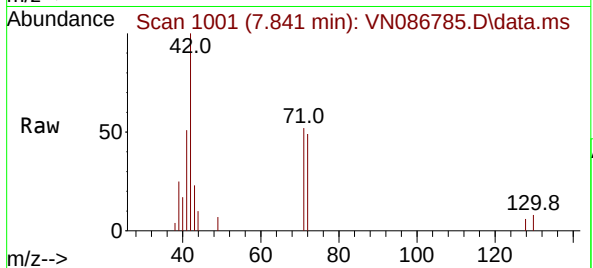
Tgt Ion: 42	Resp: 12909
Ion Ratio	Lower Upper
42	100
72	50.9 38.7 58.1
71	47.2 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#30

Chloroform

Concen: 2.433 ug/l

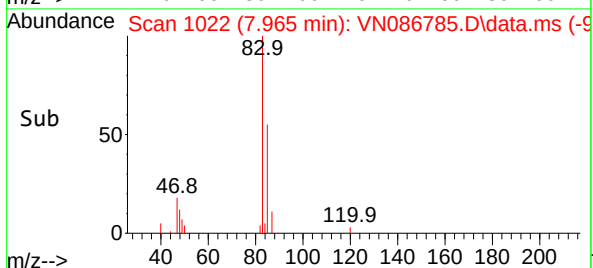
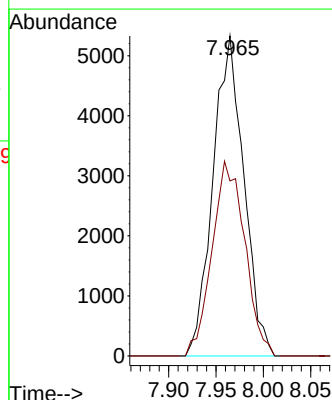
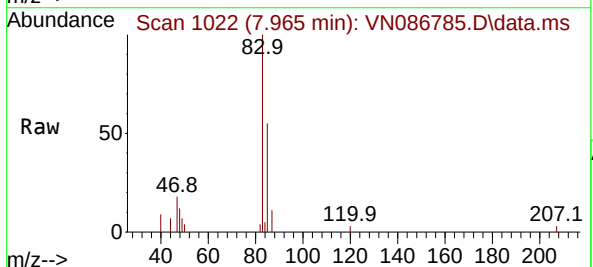
RT: 7.965 min Scan# 1022

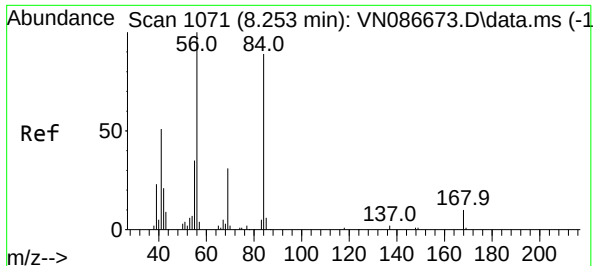
Delta R.T. 0.006 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

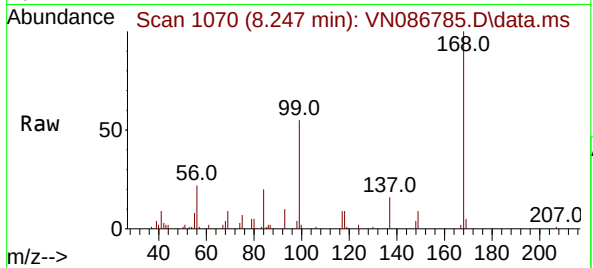
Tgt Ion: 83	Resp: 12082
Ion Ratio	Lower Upper
83	100
85	54.7 50.2 75.4





#31
Cyclohexane
Concen: 3.230 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

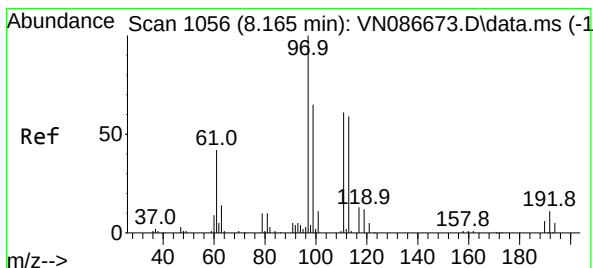
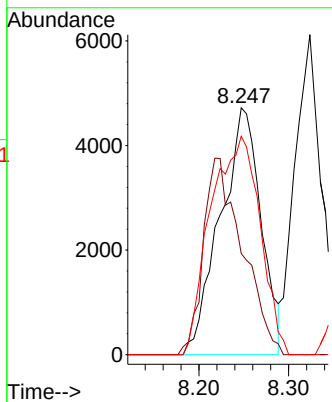
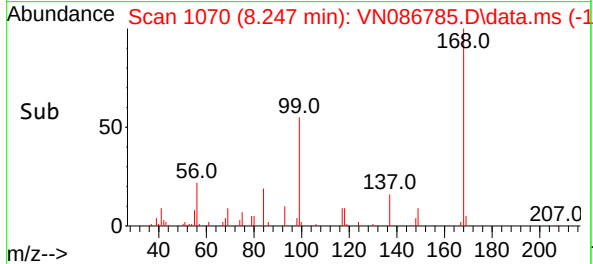
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 56 Resp: 1486
Ion Ratio Lower Upper
56 100
69 40.9 25.0 37.6
84 88.5 71.0 106.4

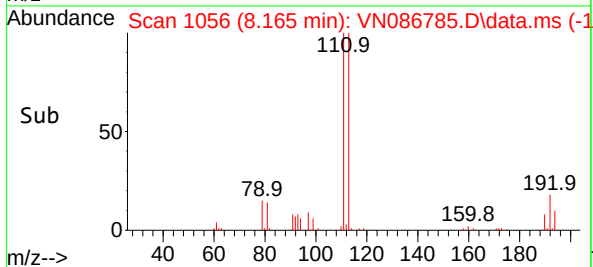
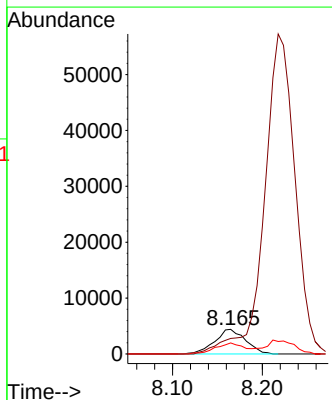
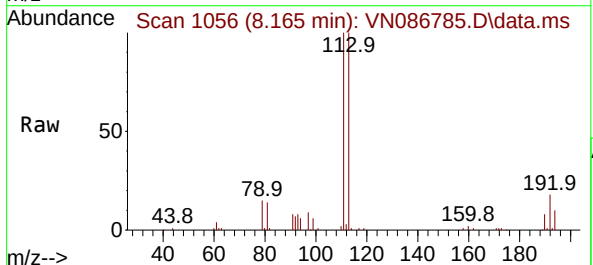
Manual Integrations
APPROVED

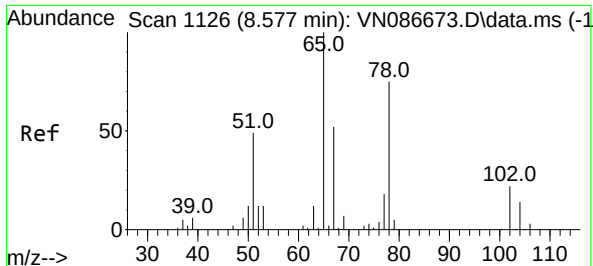
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#32
1,1,1-Trichloroethane
Concen: 2.502 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion: 97 Resp: 10477
Ion Ratio Lower Upper
97 100
99 0.0 52.6 79.0#
61 41.7 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 47.585 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 65 Resp: 14588

Ion Ratio Lower Upper

65 100

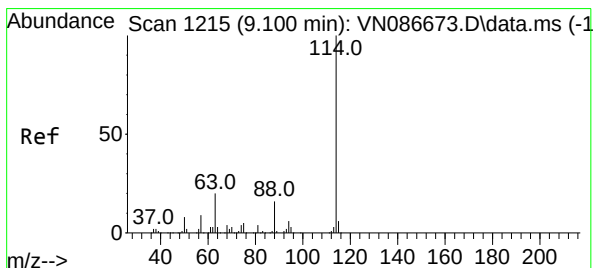
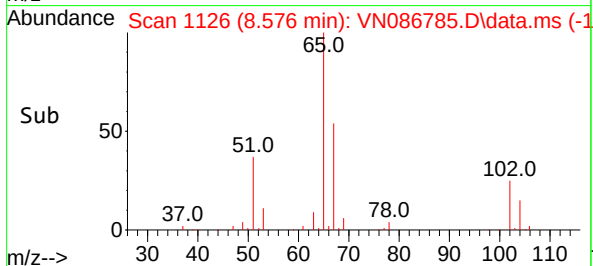
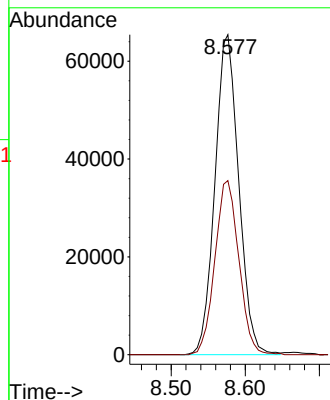
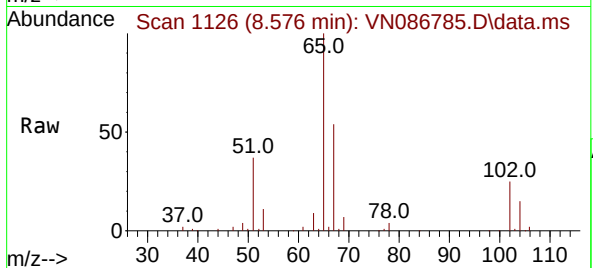
67 54.8 0.0 106.4

Manual Integrations

APPROVED

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: VN086785.D

Acq: 27 May 2025 15:43

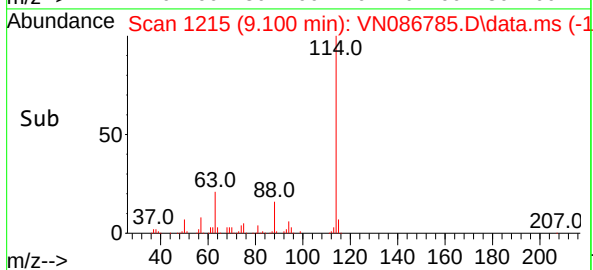
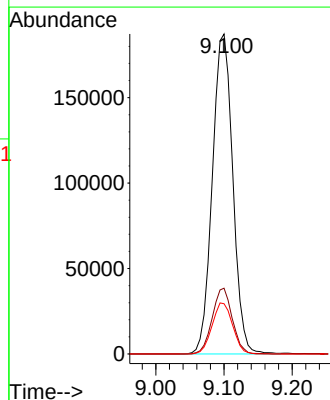
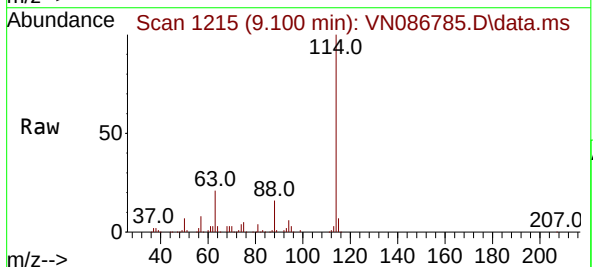
Tgt Ion:114 Resp: 391253

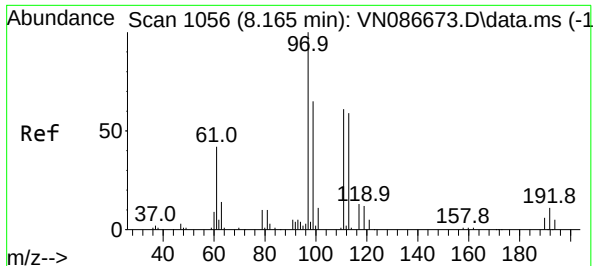
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.2

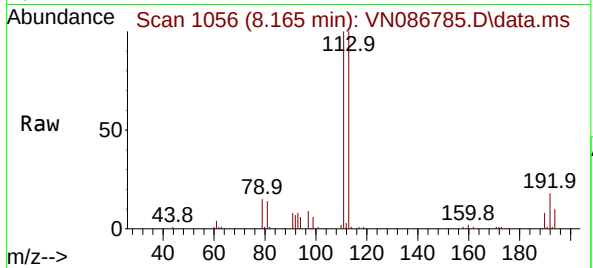
88 15.7 0.0 31.2





#35
Dibromofluoromethane
Concen: 51.800 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

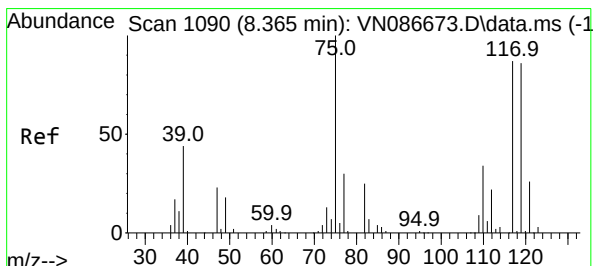
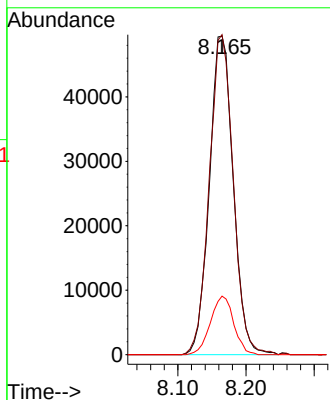
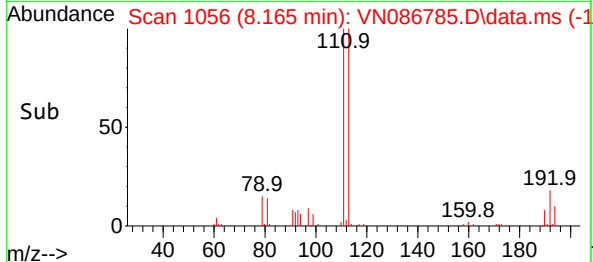
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 113 Resp: 12069
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.2
192 17.9 13.8 20.8

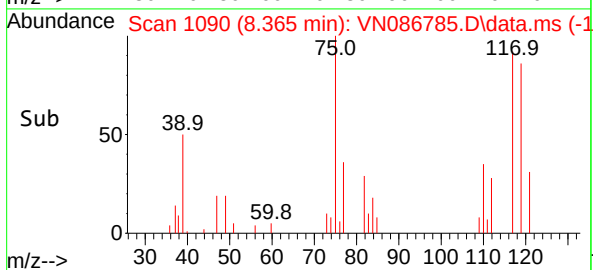
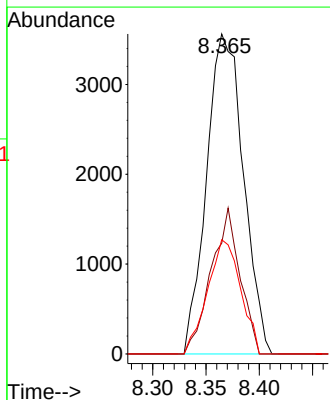
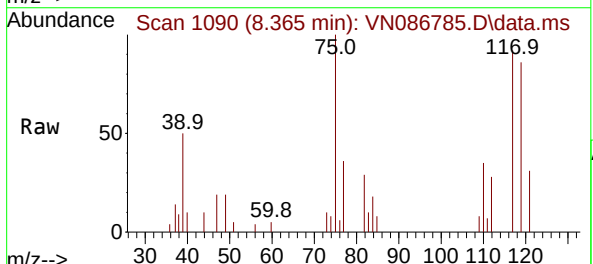
Manual Integrations
APPROVED

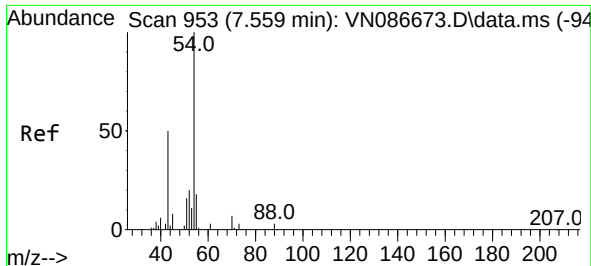
Reviewed By : John Carlone 05/29/2025
Supervised By : Mahesh Dadoda 05/29/2025



#36
1,1-Dichloropropene
Concen: 2.492 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion: 75 Resp: 8565
Ion Ratio Lower Upper
75 100
110 35.7 17.5 52.5
77 32.1 25.1 37.7





#37

Ethyl Acetate

Concen: 2.444 ug/l m

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086785.D

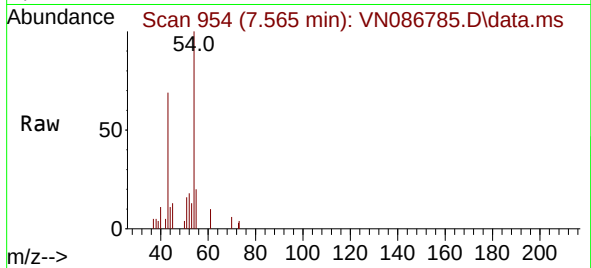
Acq: 27 May 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



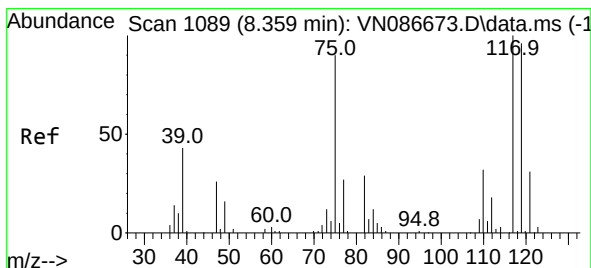
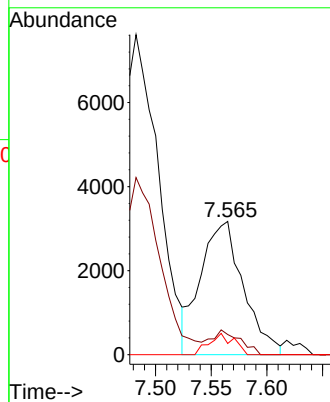
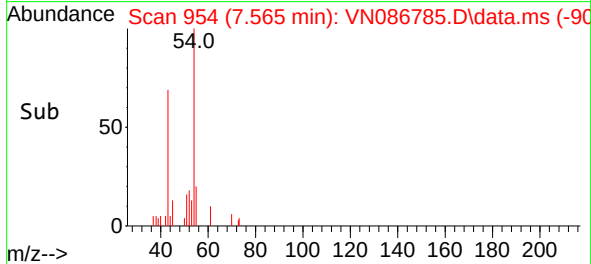
Tgt Ion:	43	Resp:	848
Ion	Ratio	Lower	Upper
43	100		
61	12.4	11.6	17.4
70	9.1	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#38

Carbon Tetrachloride

Concen: 2.612 ug/l

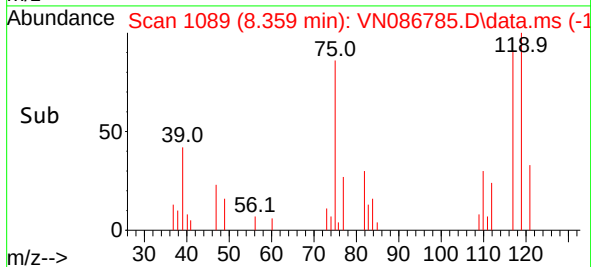
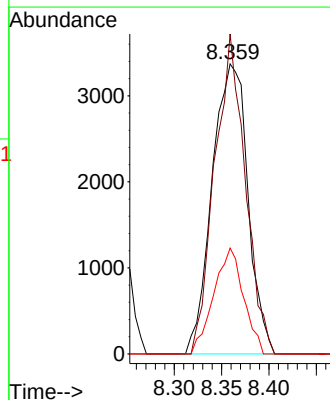
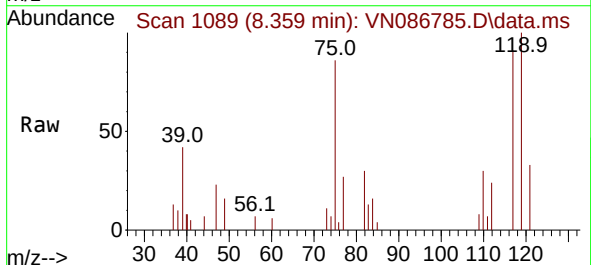
RT: 8.359 min Scan# 1089

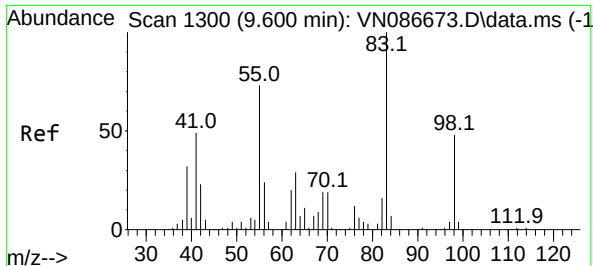
Delta R.T. -0.000 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Tgt Ion:	117	Resp:	8844
Ion	Ratio	Lower	Upper
117	100		
119	110.3	77.0	115.6
121	36.5	25.0	37.6





#39

Methylcyclohexane

Concen: 2.650 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

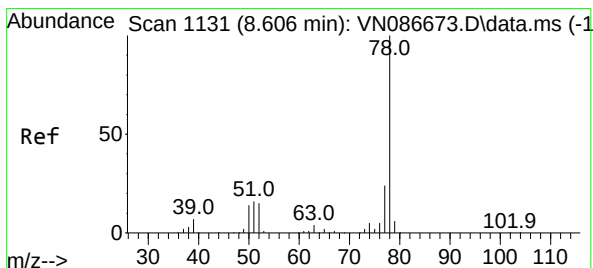
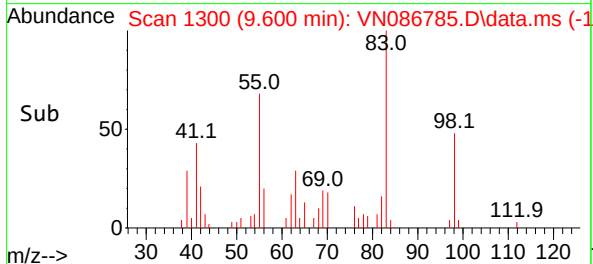
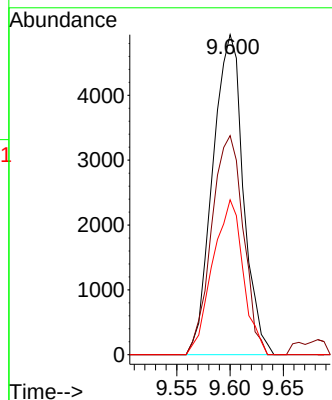
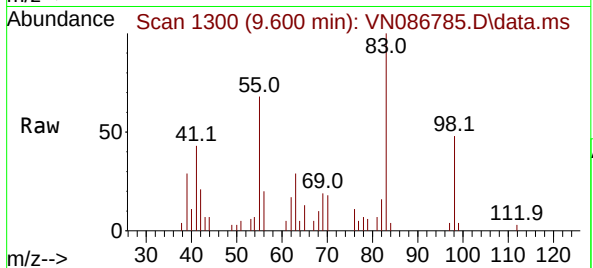
Tgt Ion: 83	Resp: 985
Ion Ratio	Lower Upper
83 100	
55 68.5	58.2 87.4
98 48.4	38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#40

Benzene

Concen: 2.699 ug/l

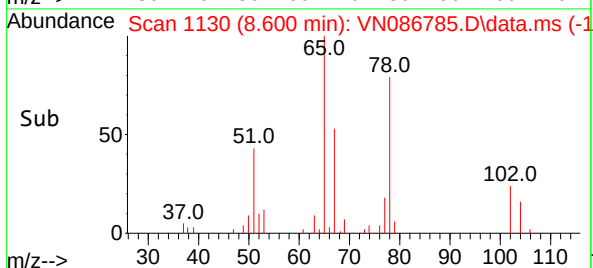
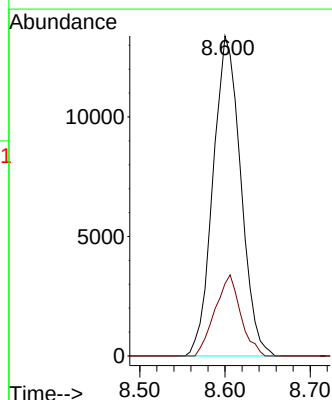
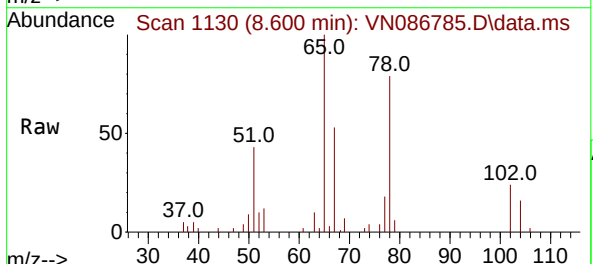
RT: 8.600 min Scan# 1130

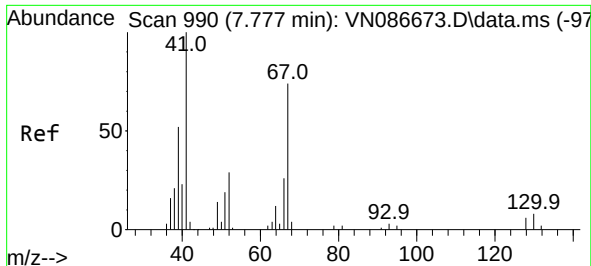
Delta R.T. -0.006 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

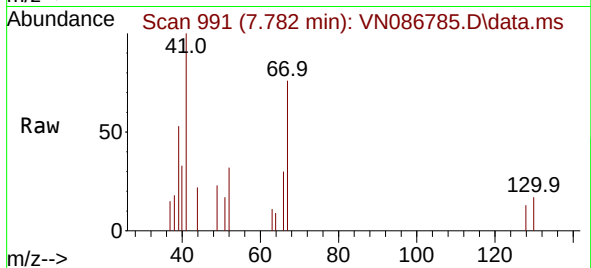
Tgt Ion: 78	Resp: 30256
Ion Ratio	Lower Upper
78 100	
77 22.6	19.1 28.7





#41
Methacrylonitrile
Concen: 2.332 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

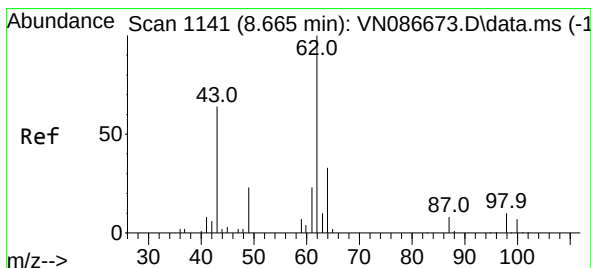
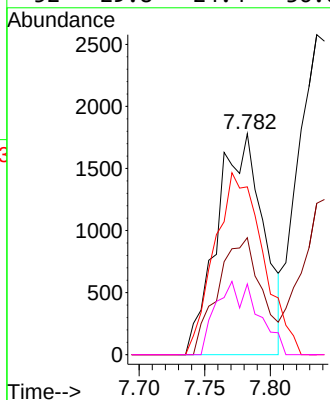
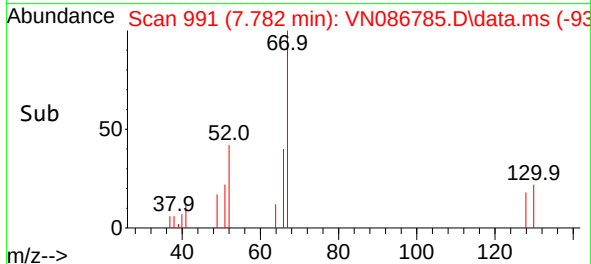
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 41 Resp: 437
Ion Ratio Lower Upper
41 100
39 50.2 44.9 67.3
67 86.2 63.4 95.0
52 29.8 24.4 36.6

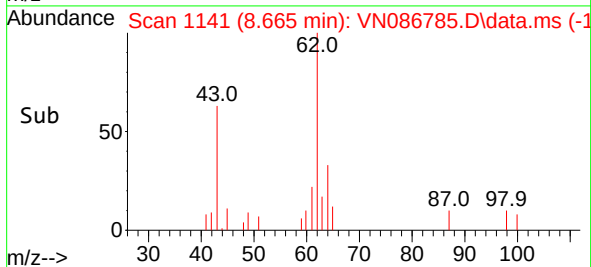
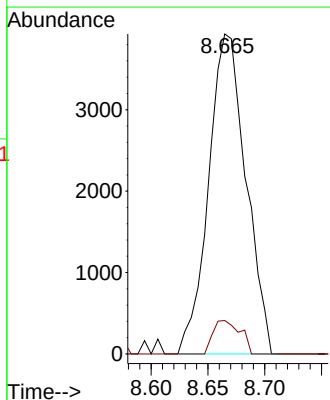
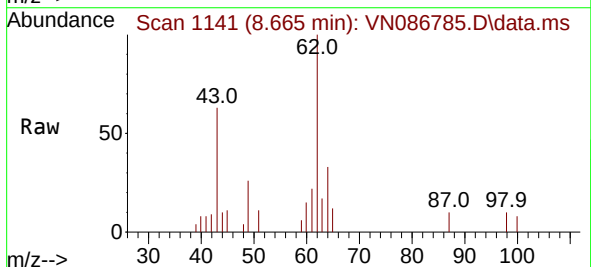
Manual Integrations
APPROVED

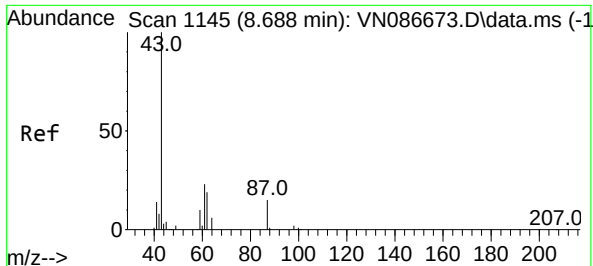
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 2.569 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

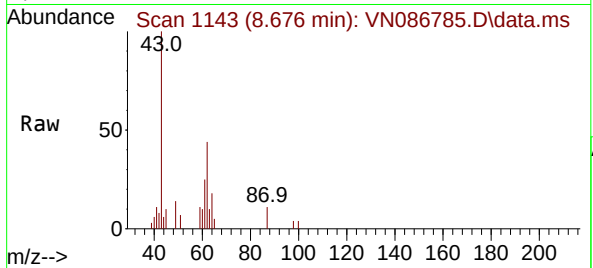
Tgt Ion: 62 Resp: 8975
Ion Ratio Lower Upper
62 100
98 7.6 0.0 19.2





#43
Isopropyl Acetate
Concen: 2.565 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

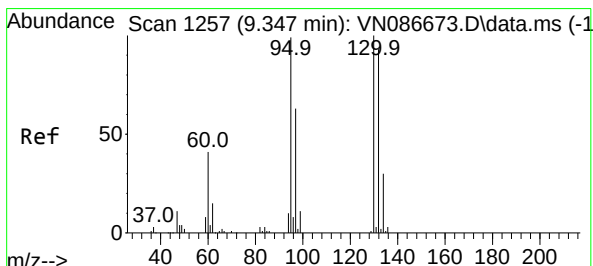
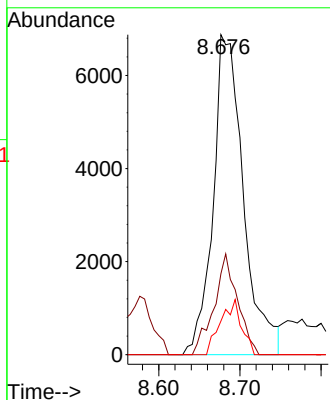
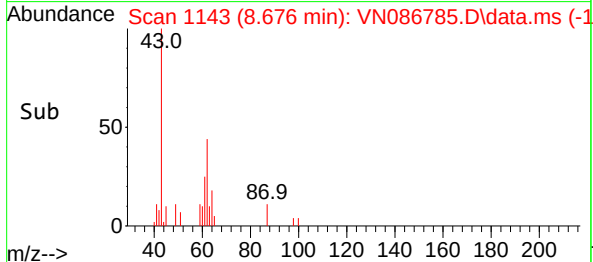
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 43 Resp: 1785
Ion Ratio Lower Upper
43 100
61 24.5 21.4 32.2
87 11.9 11.1 16.7

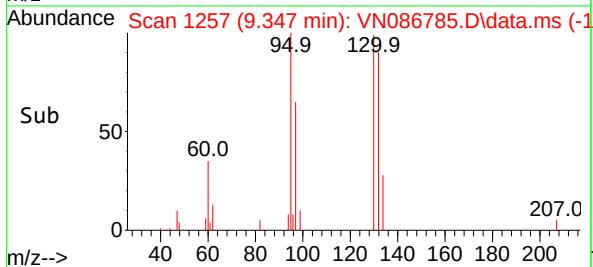
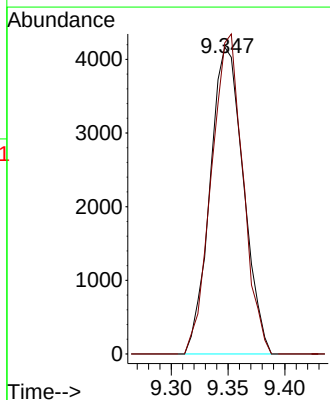
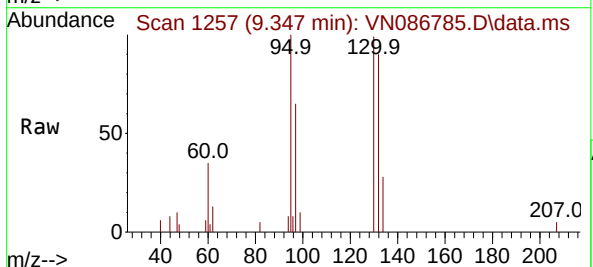
Manual Integrations
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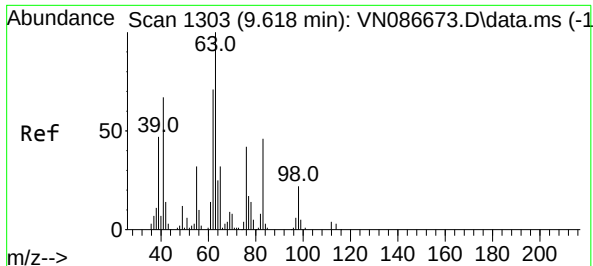
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 3.153 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion:130 Resp: 8527
Ion Ratio Lower Upper
130 100
95 101.4 0.0 197.0





#45

1,2-Dichloropropane

Concen: 2.629 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 63 Resp: 700

Ion Ratio Lower Upper

63 100

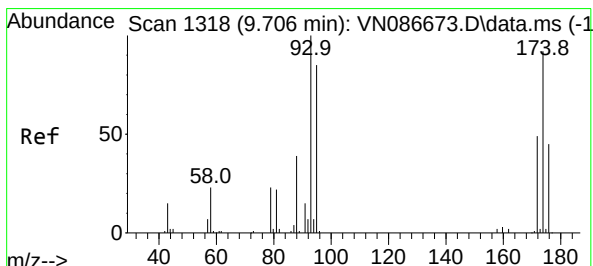
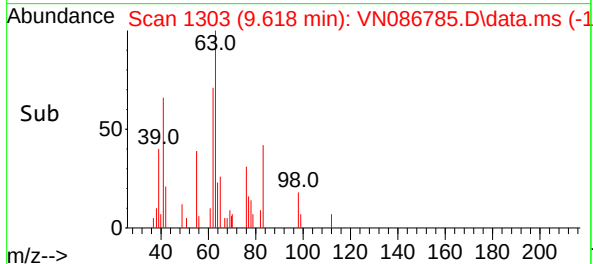
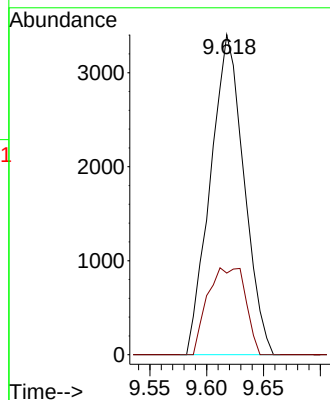
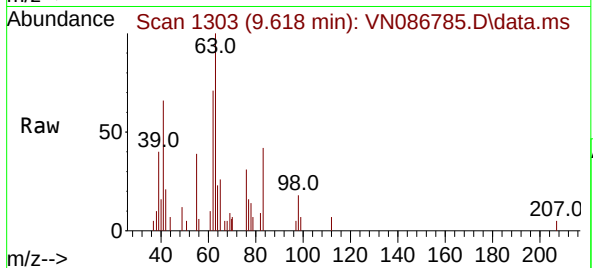
65 25.5 25.8 38.6

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#46

Dibromomethane

Concen: 2.546 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

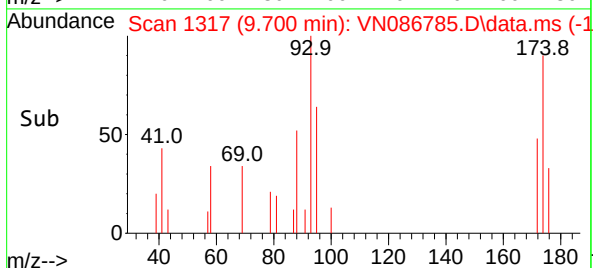
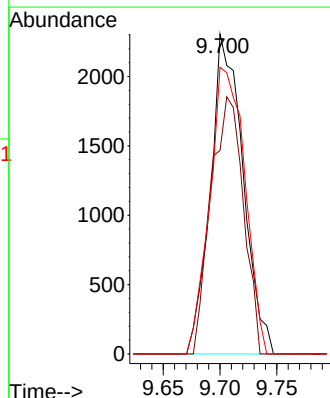
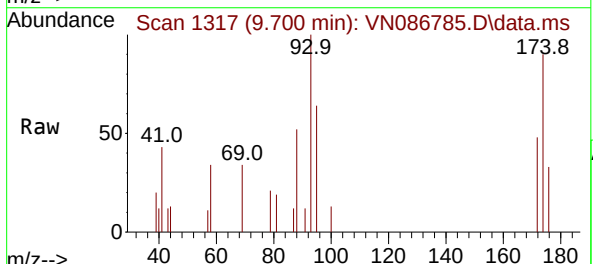
Tgt Ion: 93 Resp: 4575

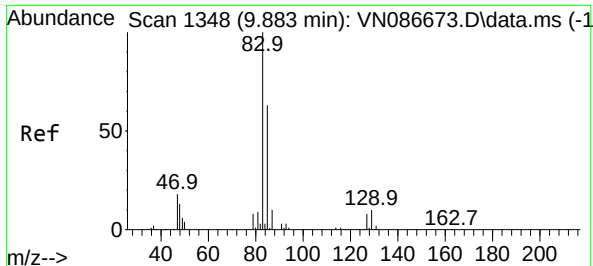
Ion Ratio Lower Upper

93 100

95 80.6 67.1 100.7

174 97.0 73.8 110.6





#47

Bromodichloromethane

Concen: 2.507 ug/l

RT: 9.888 min Scan# 1348

Delta R.T. 0.006 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

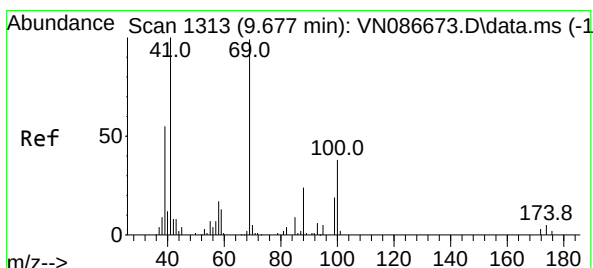
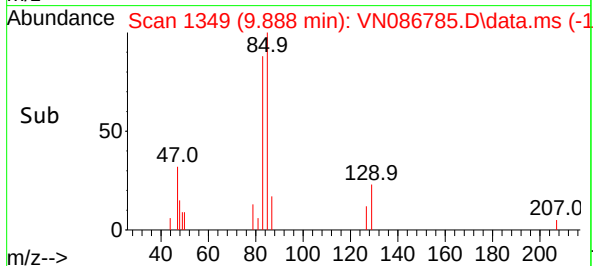
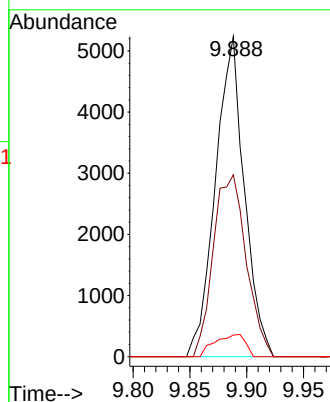
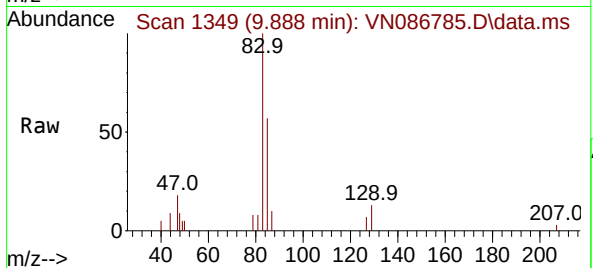
Tgt Ion: 83	Resp: 928
Ion Ratio	Lower Upper
83 100	
85 56.9	50.1 75.1
127 6.8	6.2 9.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#48

Methyl methacrylate

Concen: 2.287 ug/l

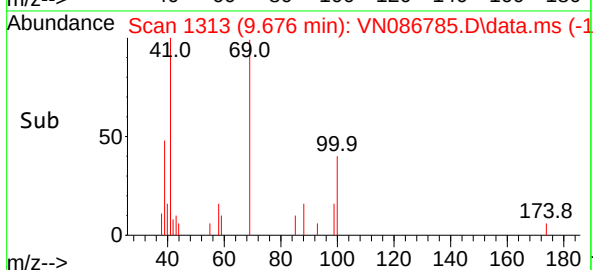
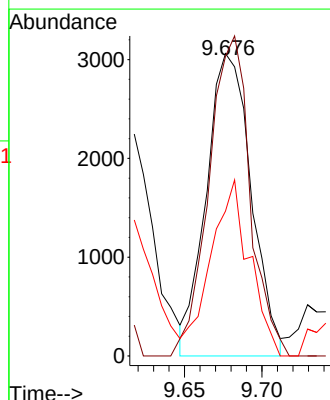
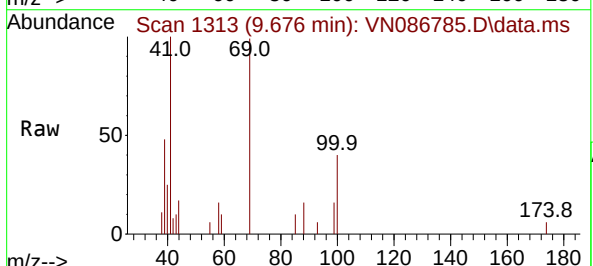
RT: 9.676 min Scan# 1313

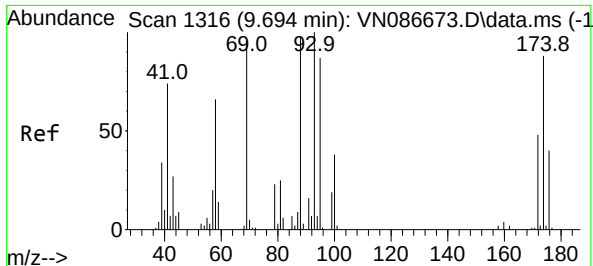
Delta R.T. -0.000 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Tgt Ion: 41	Resp: 6167
Ion Ratio	Lower Upper
41 100	
69 97.3	74.1 111.1
39 50.1	44.1 66.1





#49

1,4-Dioxane

Concen: 46.823 ug/l

RT: 9.688 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 88 Resp: 2674

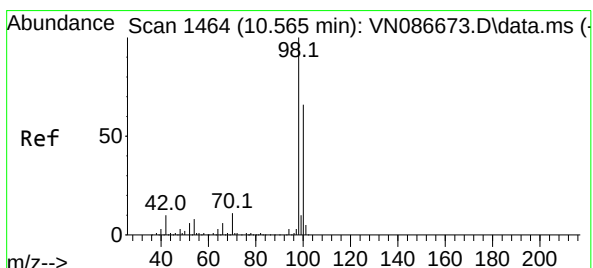
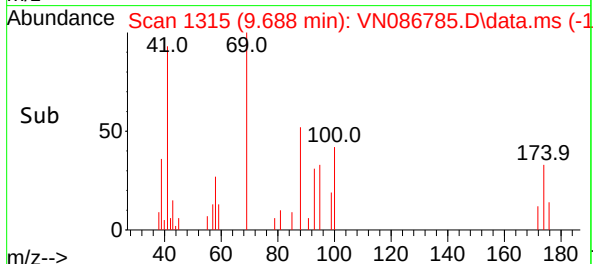
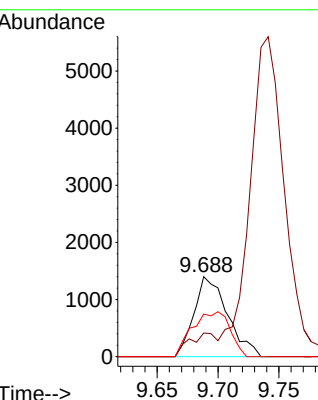
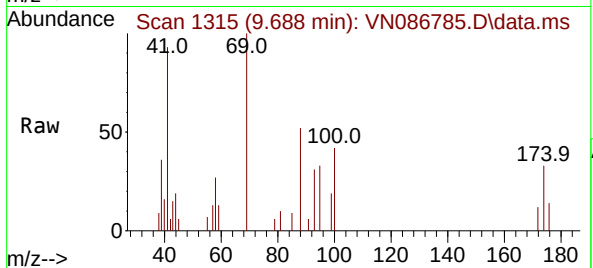
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.6	35.4
58	63.1	55.3	82.9

Manual Integrations

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Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#50

Toluene-d8

Concen: 51.342 ug/l

RT: 10.565 min Scan# 1464

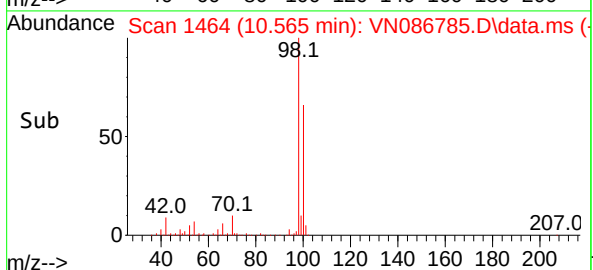
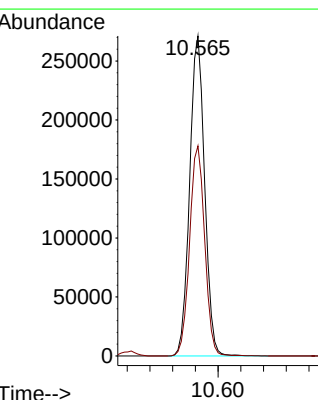
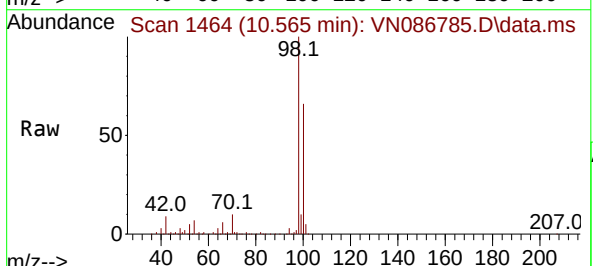
Delta R.T. -0.000 min

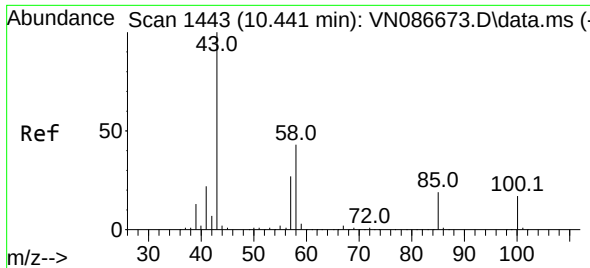
Lab File: VN086785.D

Acq: 27 May 2025 15:43

Tgt Ion: 98 Resp: 495756

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3





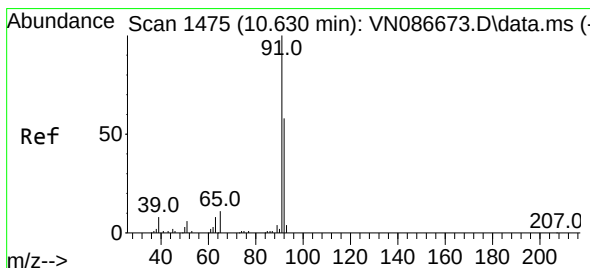
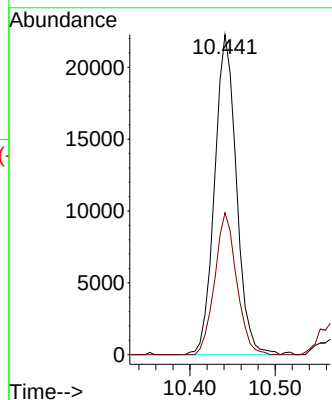
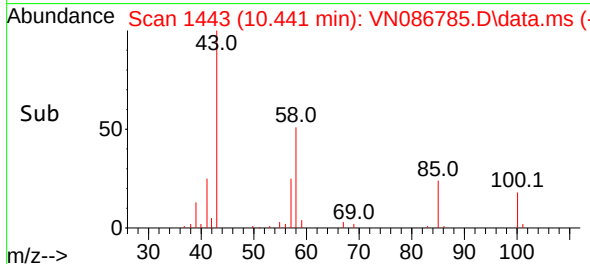
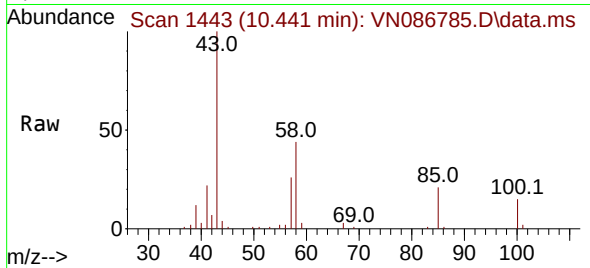
#51
4-Methyl-2-Pentanone
Concen: 11.292 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 3963
Ion Ratio Lower Upper
43 100
58 44.5 33.9 50.9

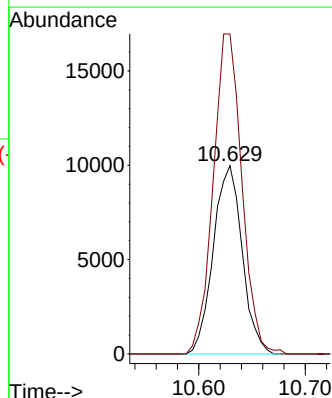
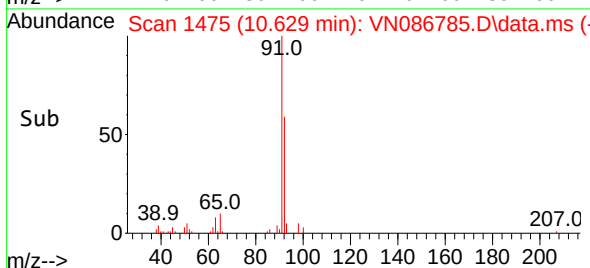
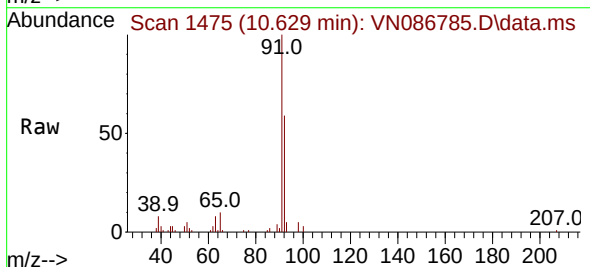
Manual Integrations
APPROVED

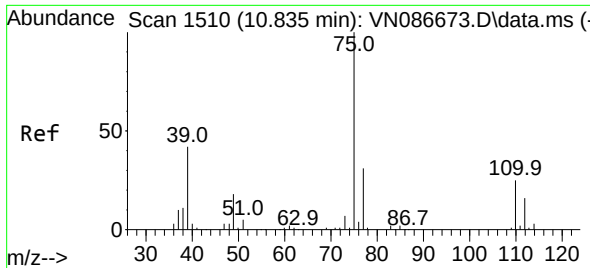
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#52
Toluene
Concen: 2.692 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

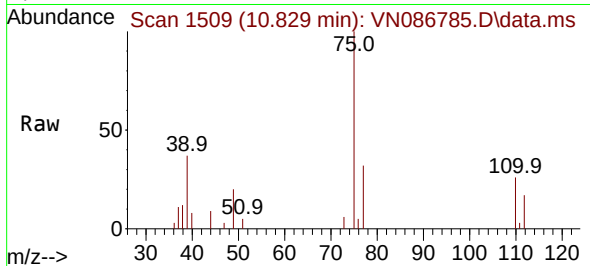
Tgt Ion: 92 Resp: 18759
Ion Ratio Lower Upper
92 100
91 169.0 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 2.513 ug/l
RT: 10.829 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

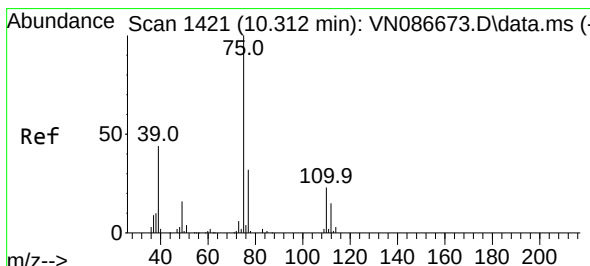
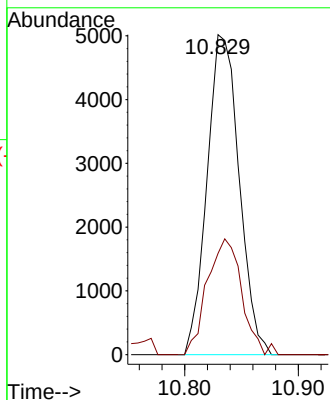
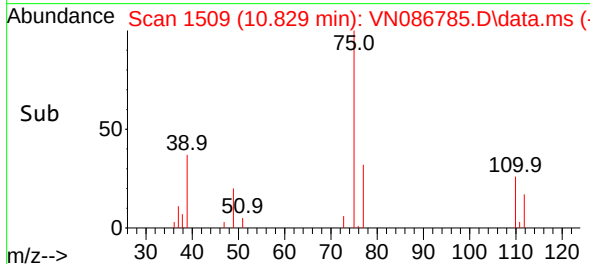
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 75 Resp: 985
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8

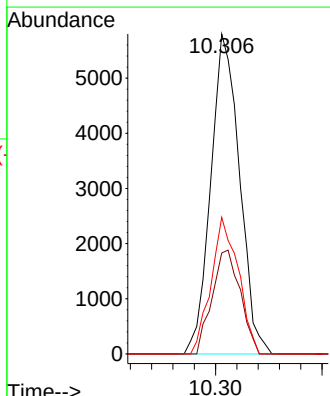
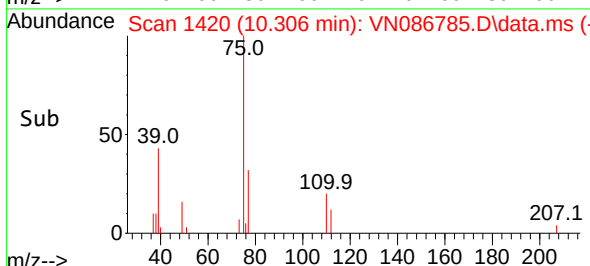
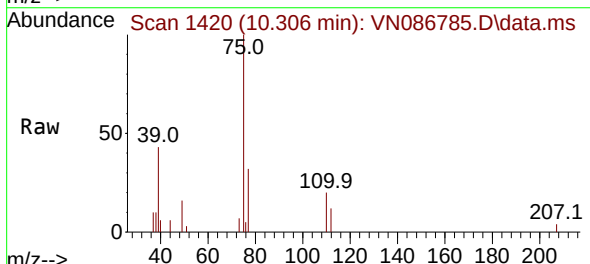
Manual Integrations
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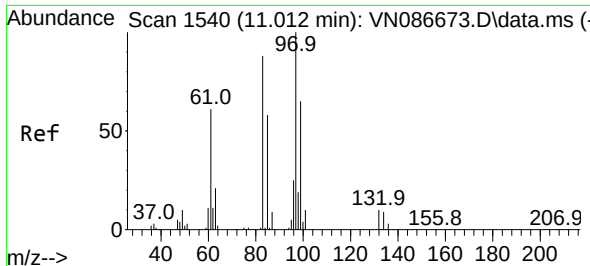
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#54
cis-1,3-Dichloropropene
Concen: 2.541 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

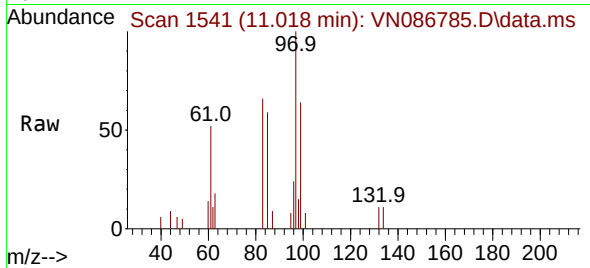
Tgt Ion: 75 Resp: 10874
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 42.7 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 2.497 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

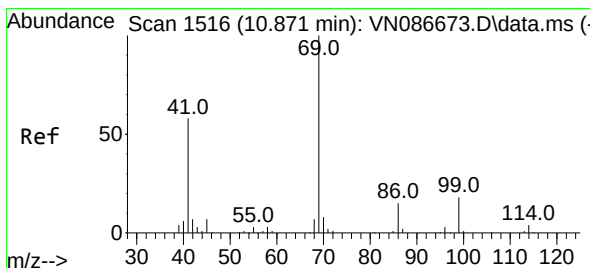
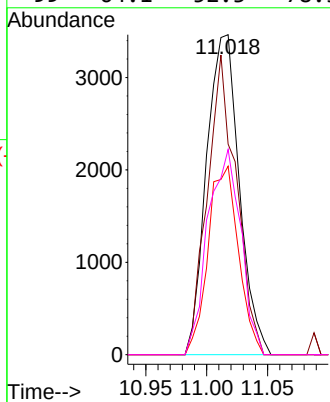
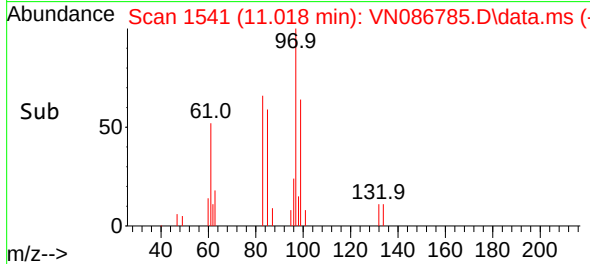
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 97 Resp: 6490
Ion Ratio Lower Upper
97 100
83 65.8 70.4 105.6
85 58.9 46.1 69.1
99 64.1 52.3 78.5

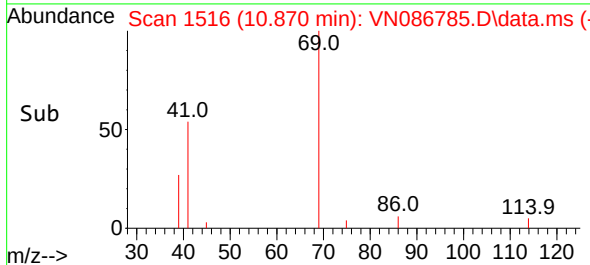
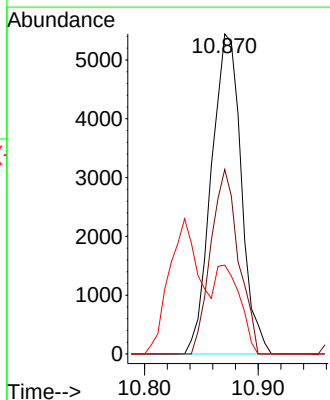
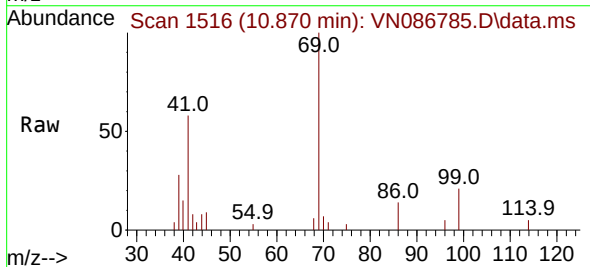
Manual Integrations
APPROVED

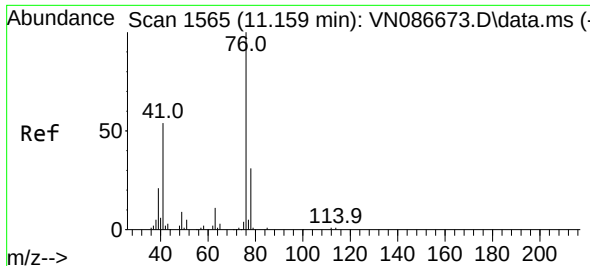
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#56
Ethyl methacrylate
Concen: 2.382 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion: 69 Resp: 9940
Ion Ratio Lower Upper
69 100
41 53.9 47.4 71.0
39 22.4 24.0 36.0





#57

1,3-Dichloropropane

Concen: 2.502 ug/l

RT: 11.159 min Scan# 1120

Delta R.T. -0.000 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 1120

Ion Ratio Lower Upper

76 100

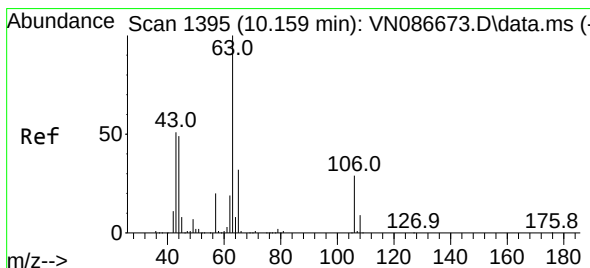
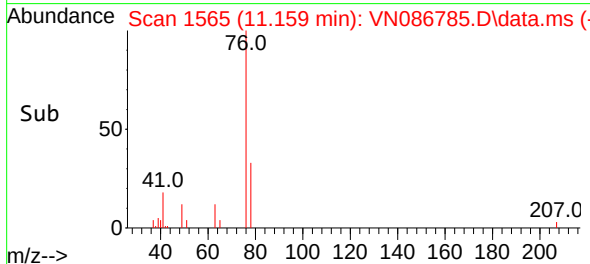
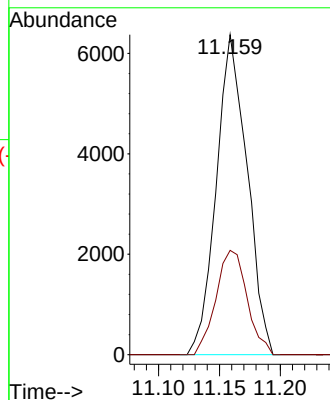
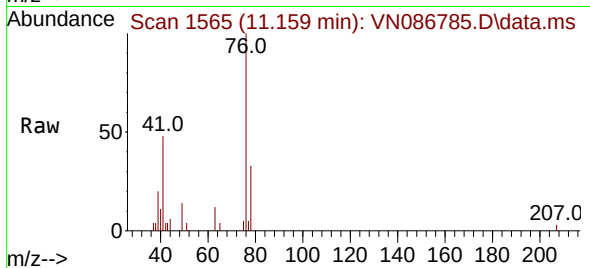
78 33.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 11.367 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086785.D

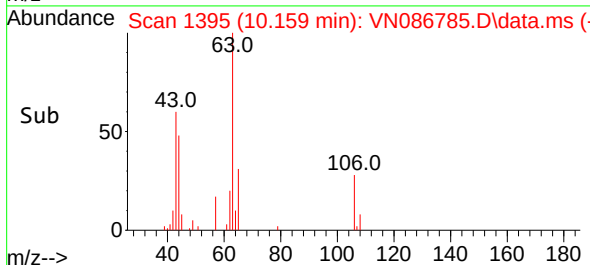
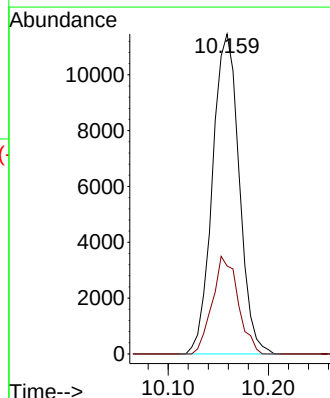
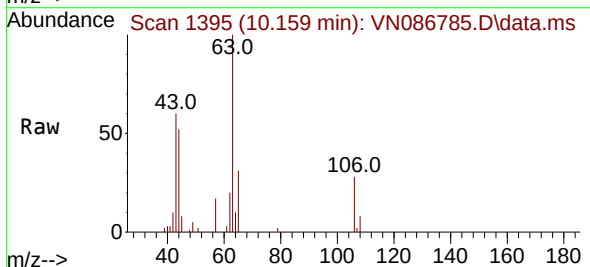
Acq: 27 May 2025 15:43

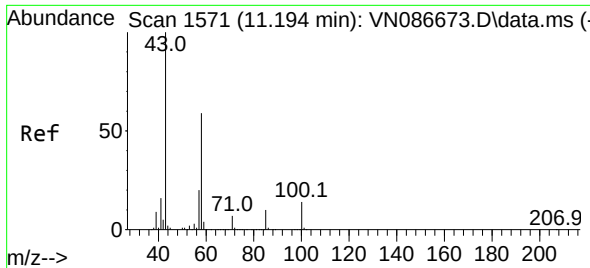
Tgt Ion: 63 Resp: 21203

Ion Ratio Lower Upper

63 100

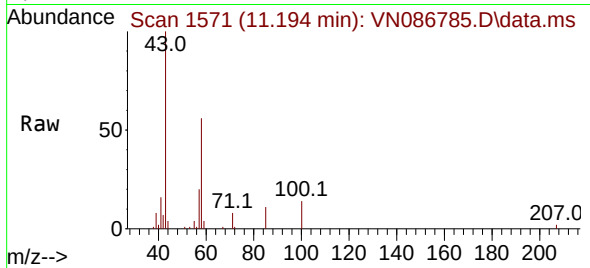
106 29.4 23.1 34.7





#59
2-Hexanone
Concen: 11.325 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

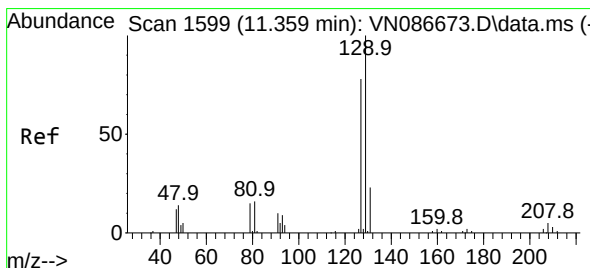
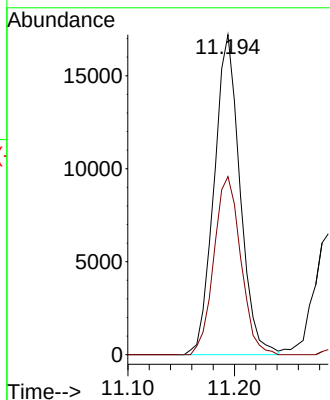
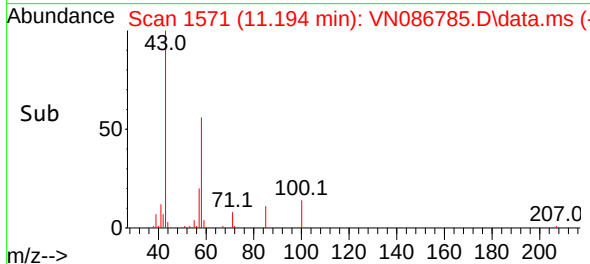
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 43 Resp: 29020
Ion Ratio Lower Upper
43 100
58 57.7 29.8 89.5

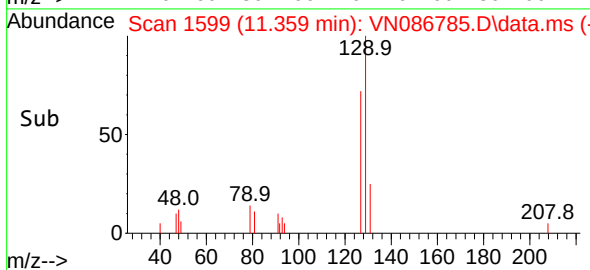
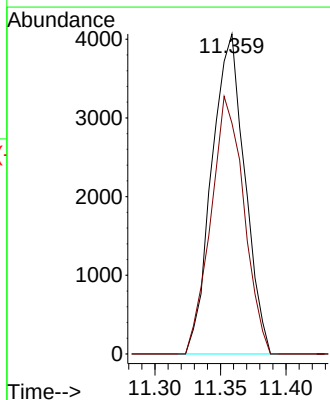
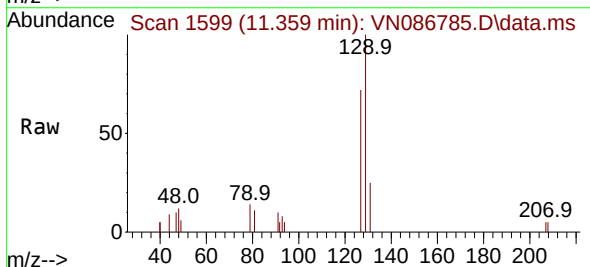
Manual Integrations
APPROVED

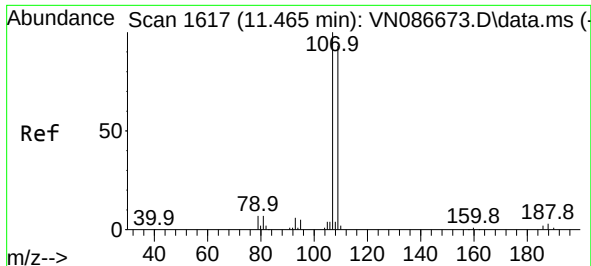
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 2.613 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

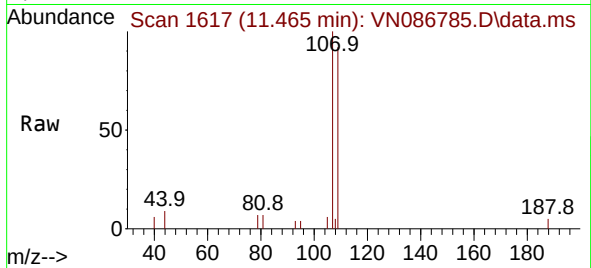
Tgt Ion:129 Resp: 7118
Ion Ratio Lower Upper
129 100
127 80.5 39.5 118.3





#61
1,2-Dibromoethane
Concen: 2.569 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

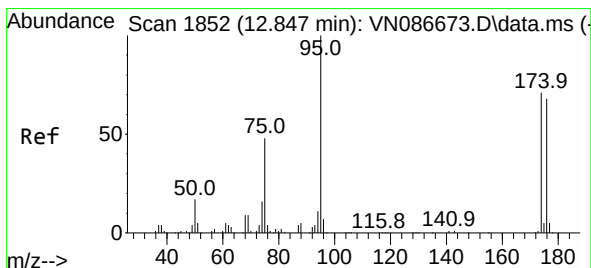
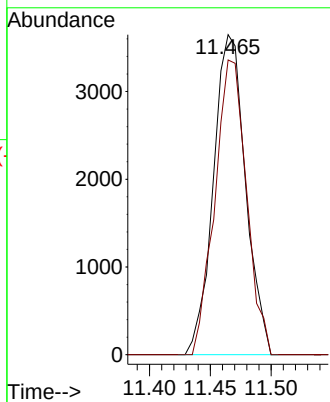
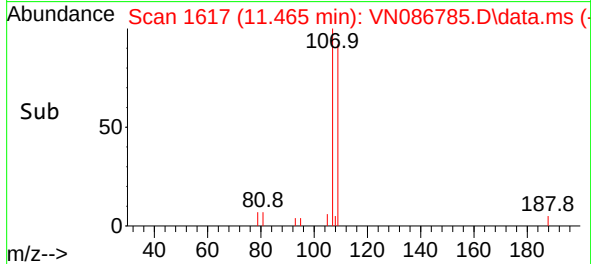
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:107 Resp: 671
Ion Ratio Lower Upper
107 100
109 90.6 75.0 112.4

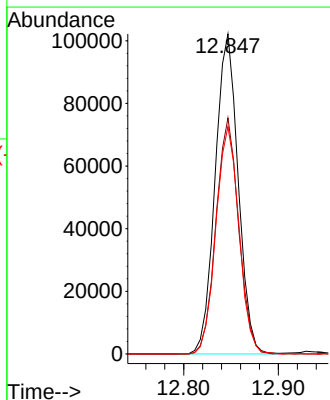
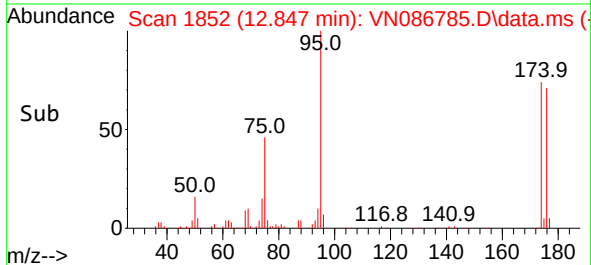
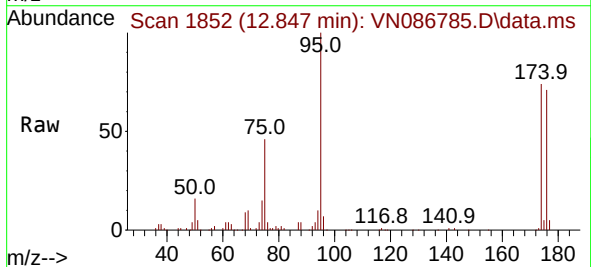
Manual Integrations
APPROVED

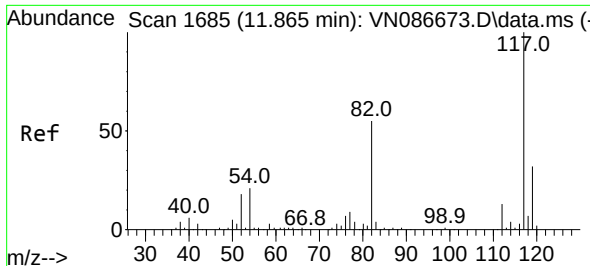
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#62
4-Bromofluorobenzene
Concen: 50.581 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

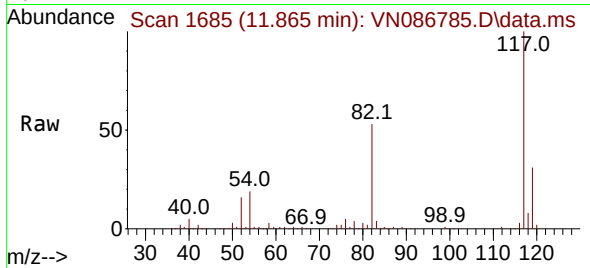
Tgt Ion: 95 Resp: 172453
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.4
176 71.0 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

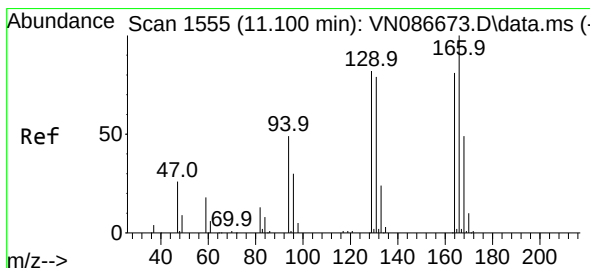
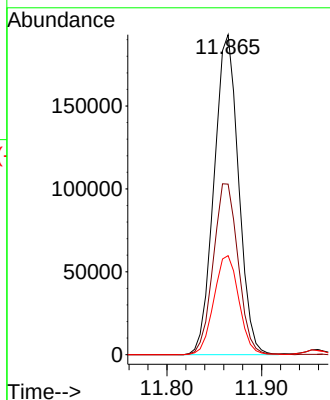
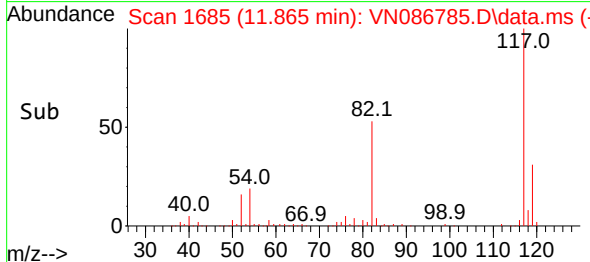
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:117 Resp: 34671
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 30.9 25.4 38.2

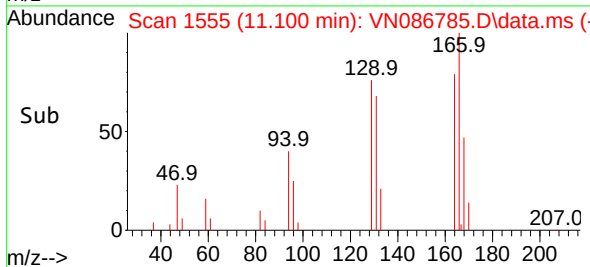
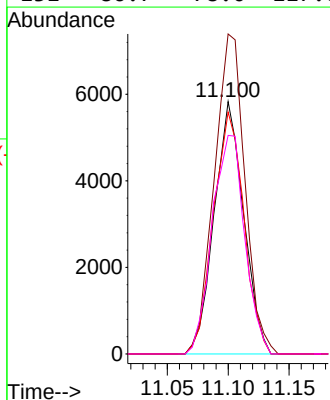
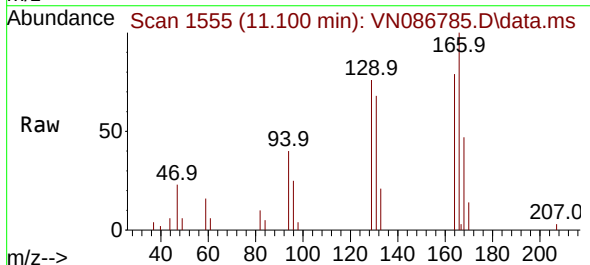
Manual Integrations
APPROVED

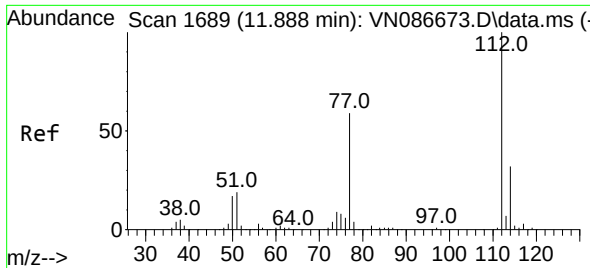
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#64
Tetrachloroethene
Concen: 3.689 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

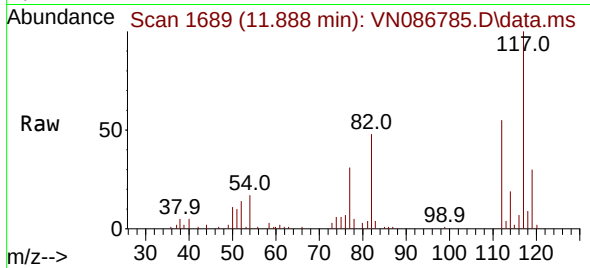
Tgt Ion:164 Resp: 9799
Ion Ratio Lower Upper
164 100
166 126.8 98.2 147.4
129 95.9 81.0 121.4
131 86.7 78.0 117.0





#65
Chlorobenzene
Concen: 2.638 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

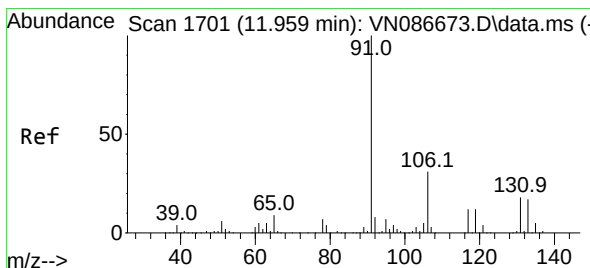
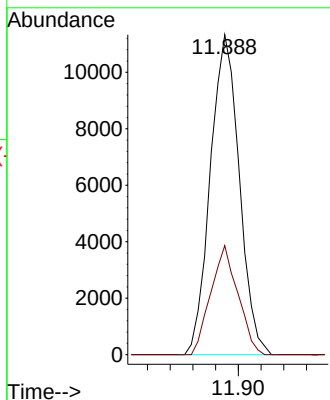
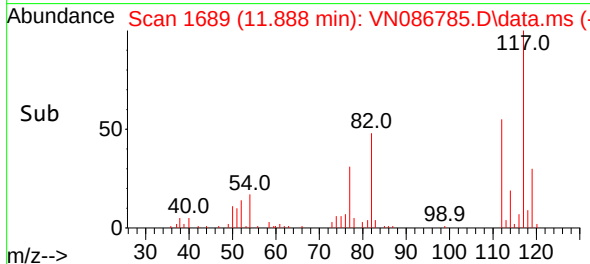
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:112 Resp: 2058
Ion Ratio Lower Upper
112 100
114 34.1 25.9 38.9

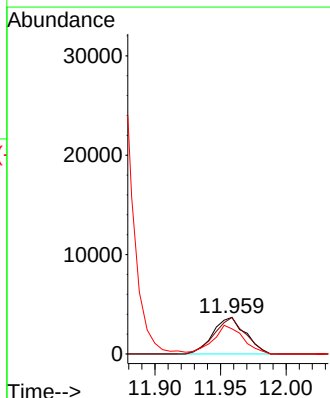
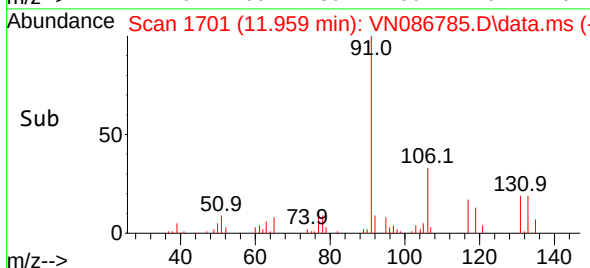
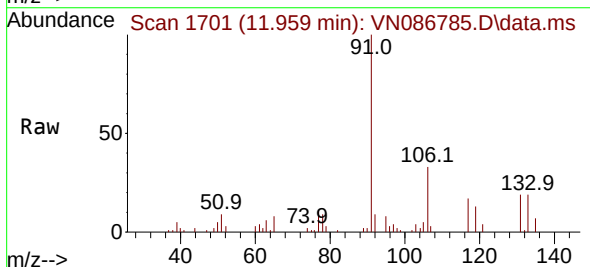
Manual Integrations
APPROVED

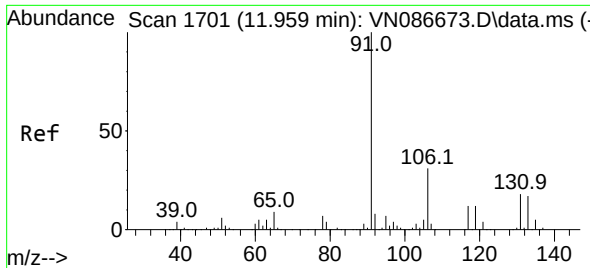
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.591 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion:131 Resp: 6360
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 71.9 33.6 100.8





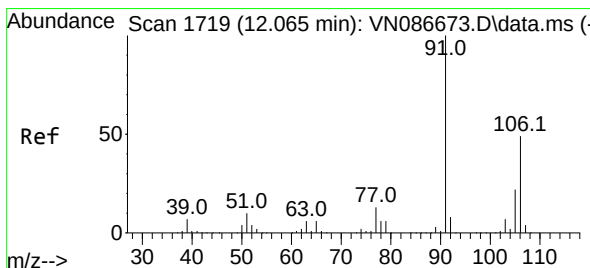
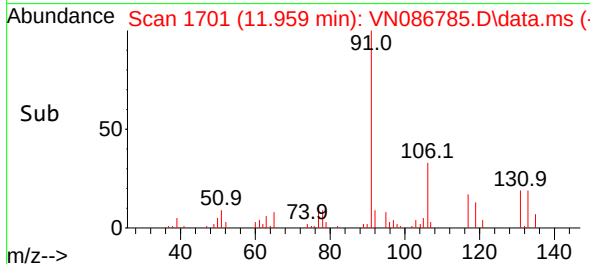
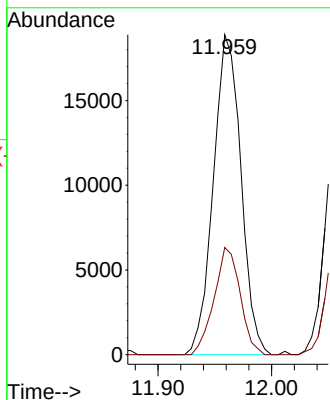
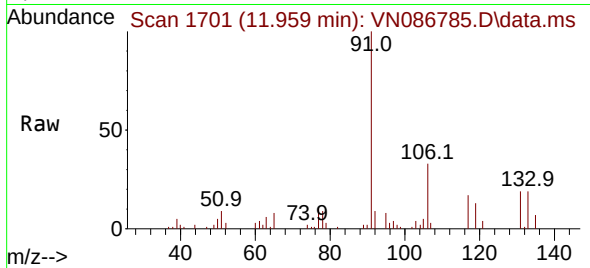
#67
Ethyl Benzene
Concen: 2.451 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 31920
Ion Ratio Lower Upper
91 100
106 33.5 24.6 36.8

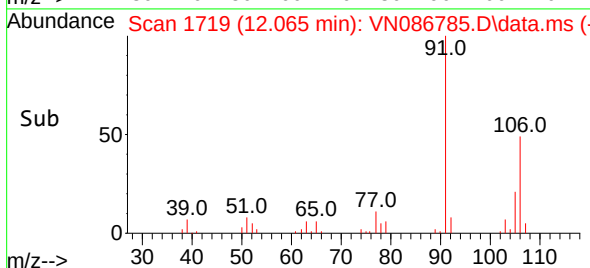
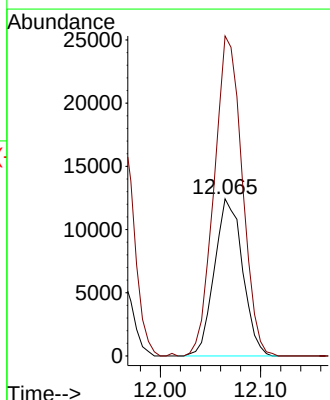
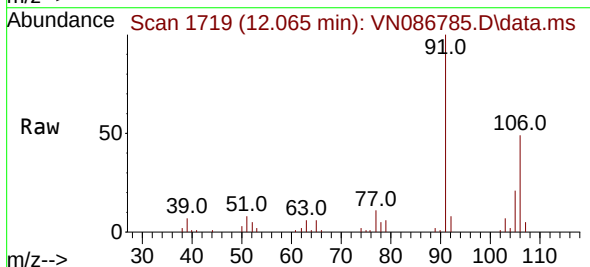
Manual Integrations
APPROVED

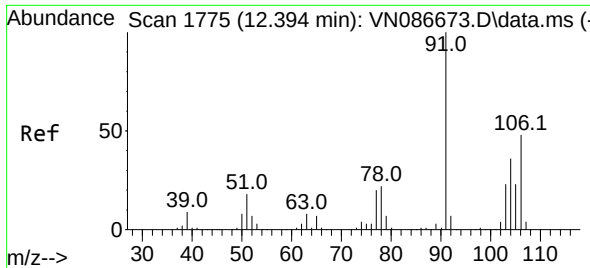
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#68
m/p-Xylenes
Concen: 4.920 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion:106 Resp: 24266
Ion Ratio Lower Upper
106 100
91 203.0 162.4 243.6





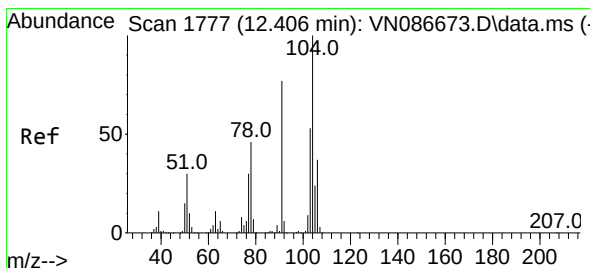
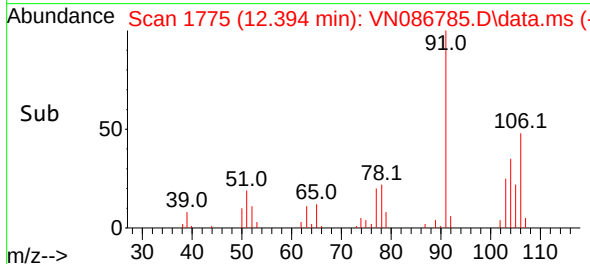
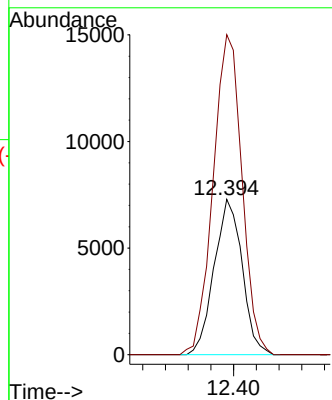
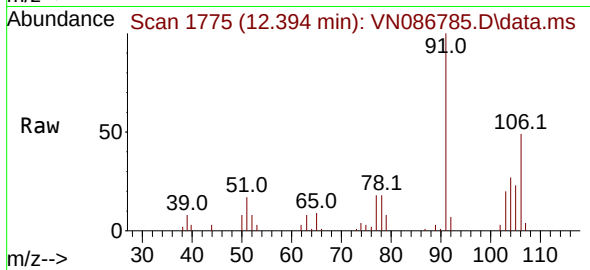
#69
o-Xylene
Concen: 2.545 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:106 Resp: 12478
Ion Ratio Lower Upper
106 100
91 212.3 105.1 315.1

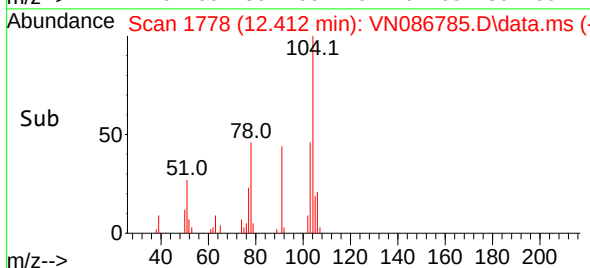
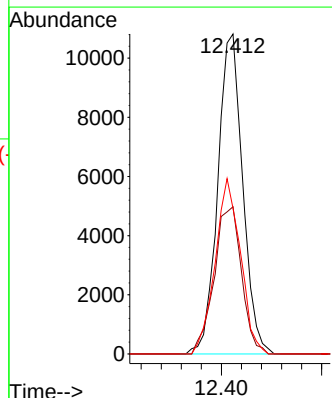
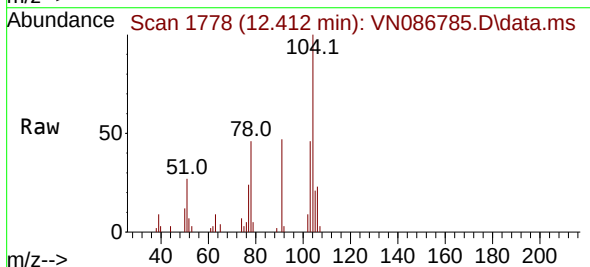
Manual Integrations
APPROVED

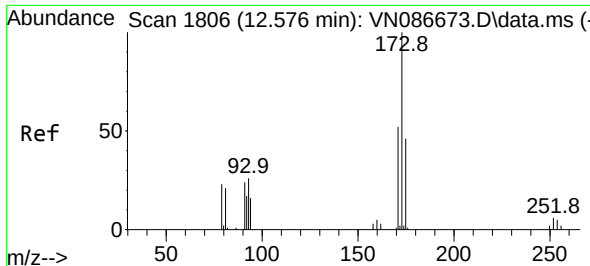
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 2.326 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion:104 Resp: 18673
Ion Ratio Lower Upper
104 100
78 50.6 39.0 58.6
103 55.8 43.8 65.8





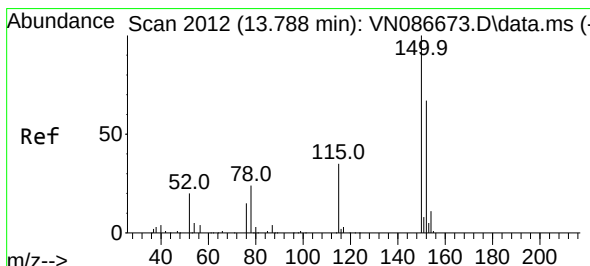
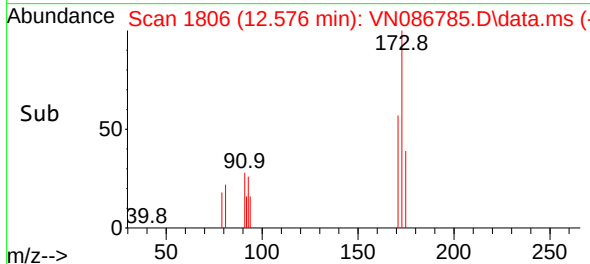
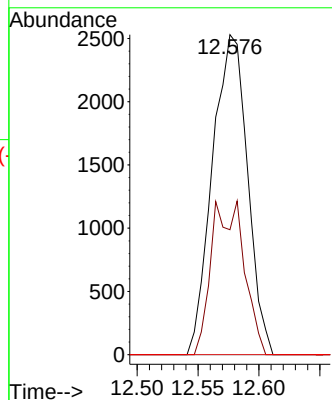
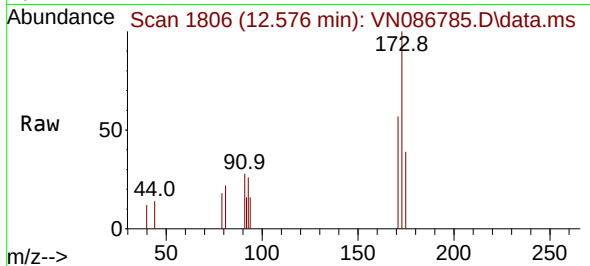
#71
Bromoform
Concen: 2.902 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:173 Resp: 506
Ion Ratio Lower Upper
173 100
175 44.5 23.4 70.2
254 0.0 0.0 0.0

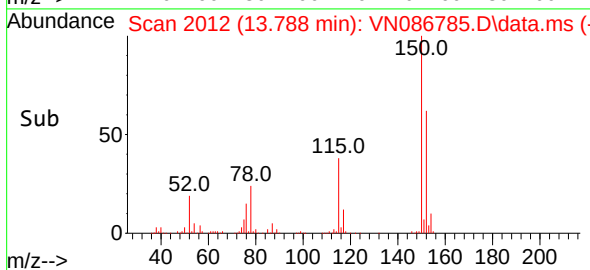
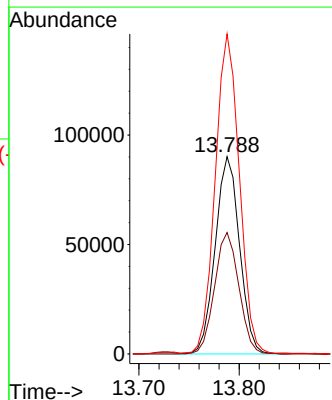
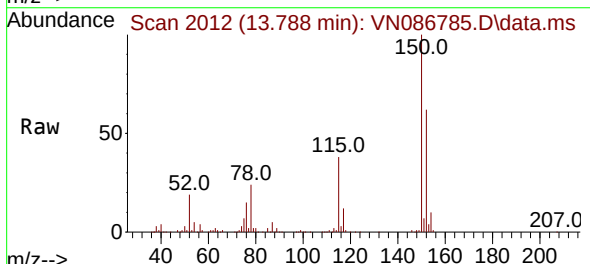
Manual Integrations
APPROVED

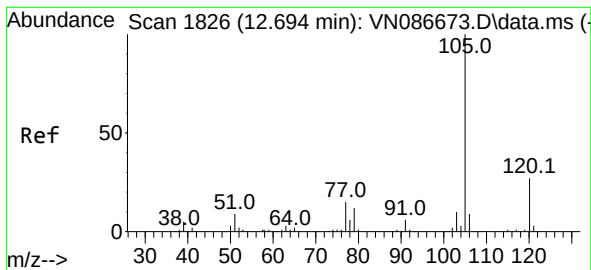
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion:152 Resp: 151845
Ion Ratio Lower Upper
152 100
115 61.5 30.0 90.1
150 161.5 0.0 347.8





#73

Isopropylbenzene

Concen: 2.443 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

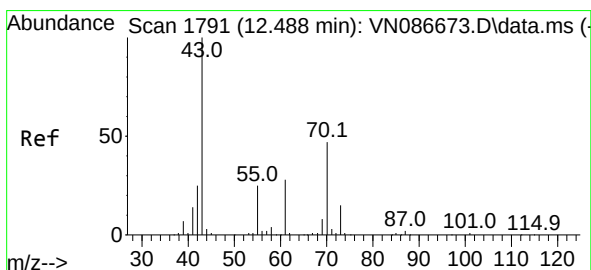
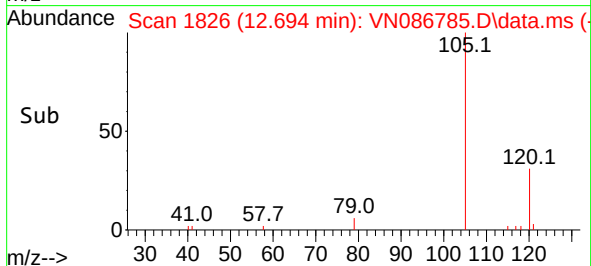
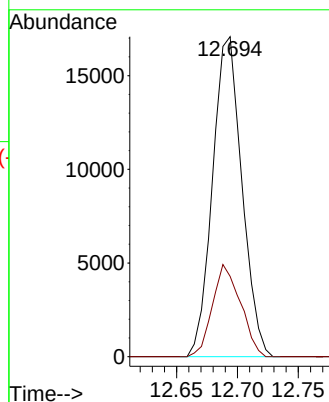
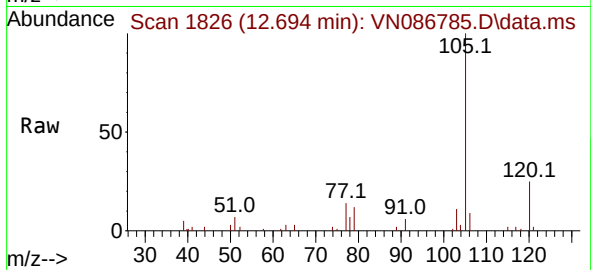
Tgt Ion:105 Resp: 2865
 Ion Ratio Lower Upper
 105 100
 120 27.5 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#74

N-ethyl acetate

Concen: 2.016 ug/l

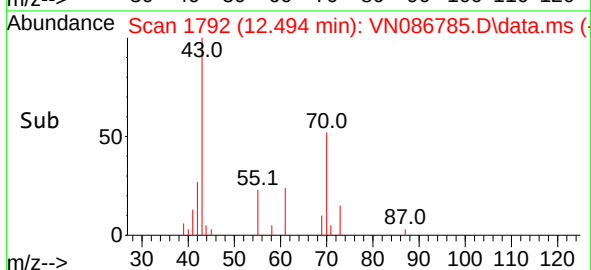
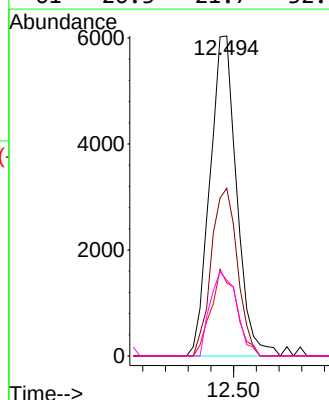
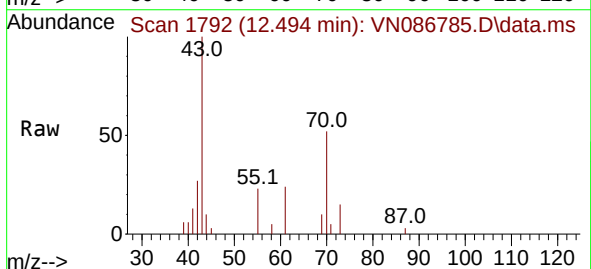
RT: 12.494 min Scan# 1792

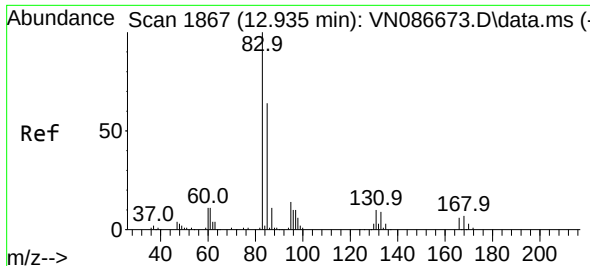
Delta R.T. 0.006 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Tgt Ion: 43 Resp: 9879
 Ion Ratio Lower Upper
 43 100
 70 51.1 37.9 56.9
 55 26.0 20.5 30.7
 61 26.3 21.7 32.5





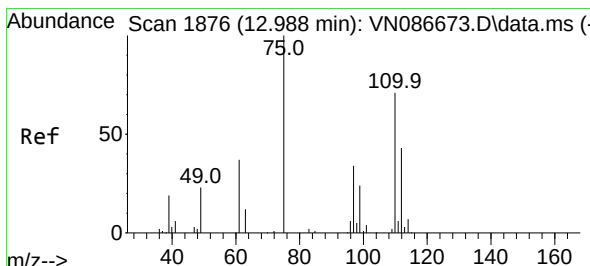
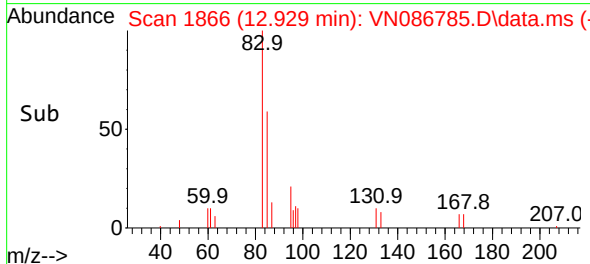
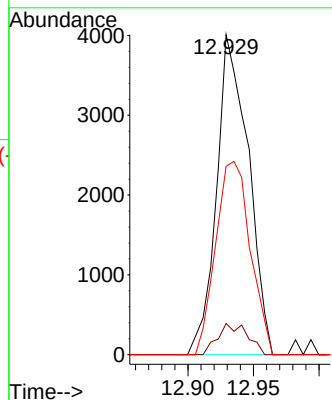
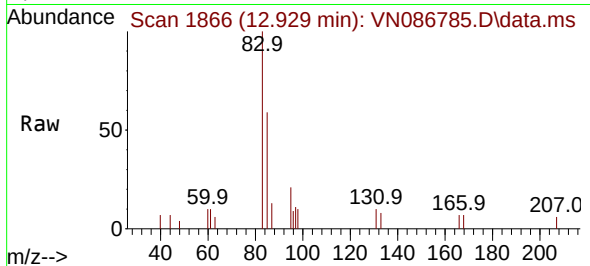
#75
1,1,2,2-Tetrachloroethane
Concen: 1.874 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 83 Resp: 6752
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 65.7 32.4 97.2

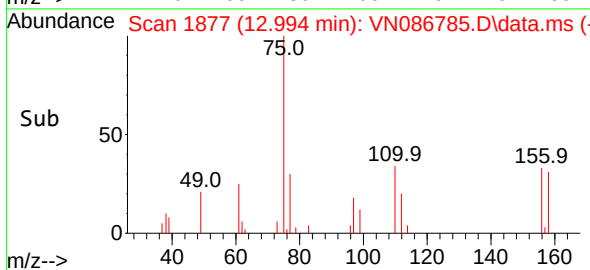
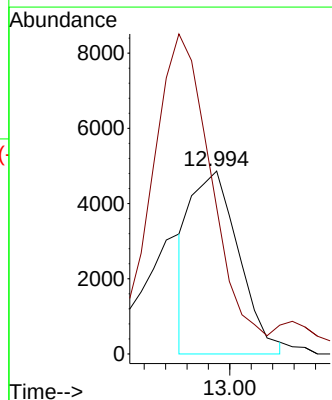
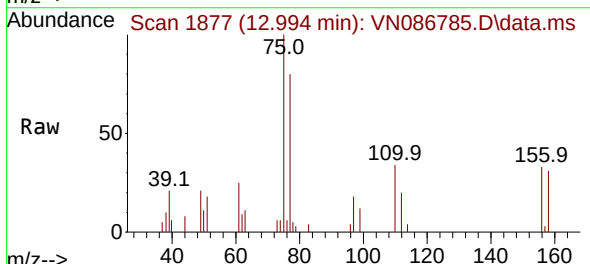
Manual Integrations
APPROVED

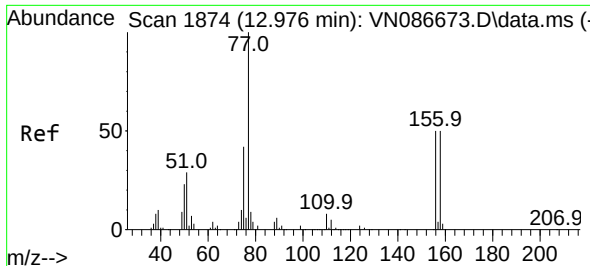
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#76
1,2,3-Trichloropropane
Concen: 2.216 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion: 75 Resp: 7609
Ion Ratio Lower Upper
75 100
77 218.6 96.0 288.1





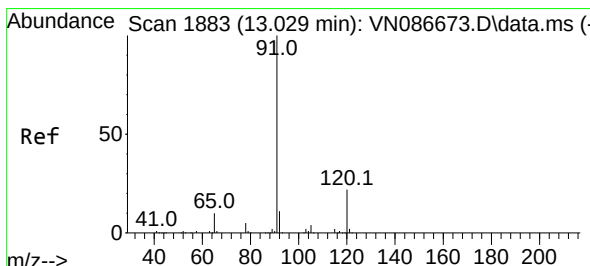
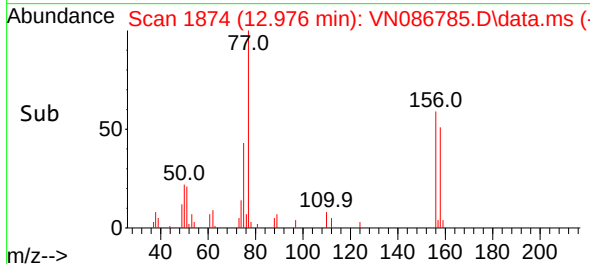
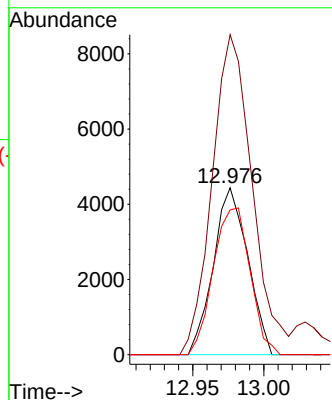
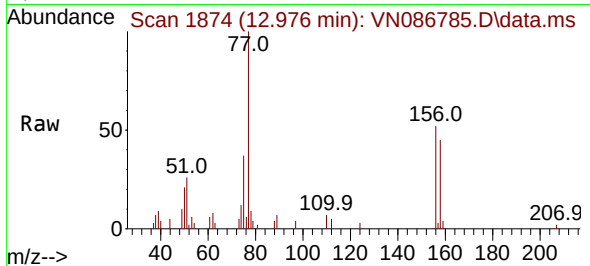
#77
Bromobenzene
Concen: 2.541 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 156 Resp: 7490
Ion Ratio Lower Upper
156 100
77 221.9 113.1 339.2
158 93.6 48.6 145.9

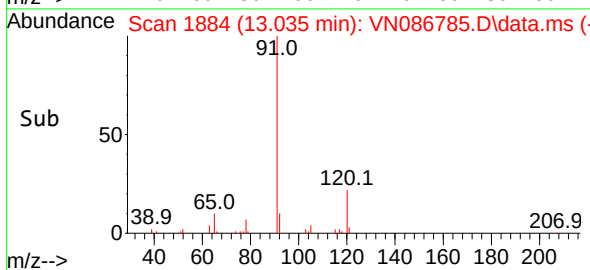
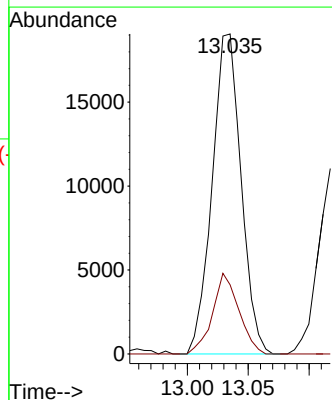
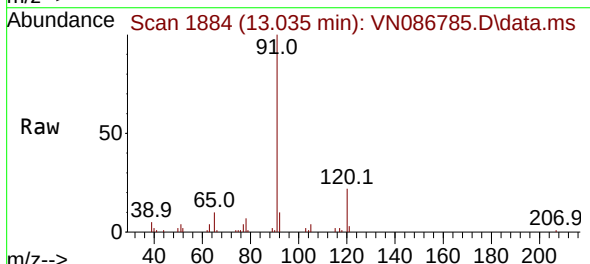
Manual Integrations
APPROVED

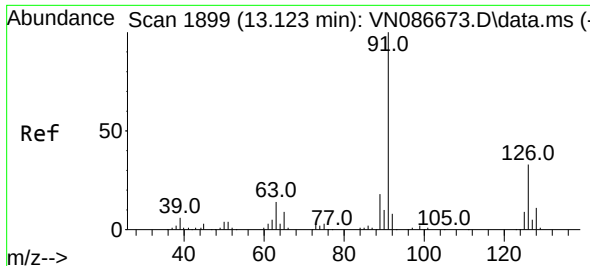
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#78
n-propylbenzene
Concen: 2.341 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion: 91 Resp: 31505
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.1





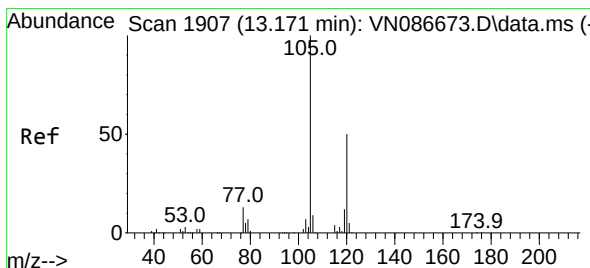
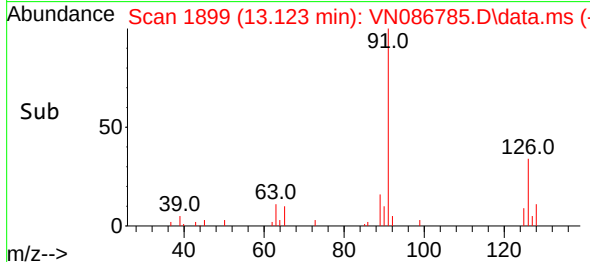
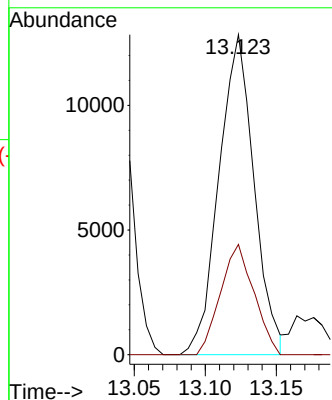
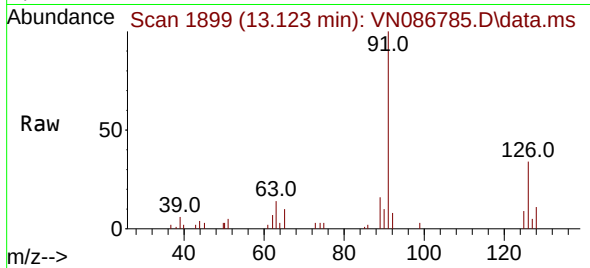
#79
2-Chlorotoluene
Concen: 2.521 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 22062
Ion Ratio Lower Upper
91 100
126 32.8 16.6 49.7

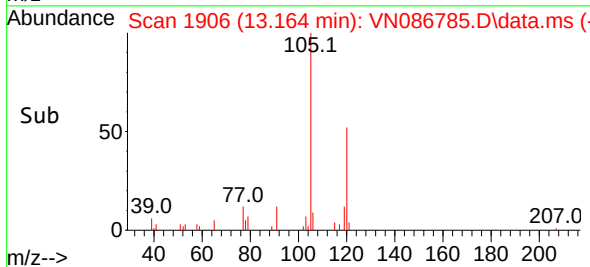
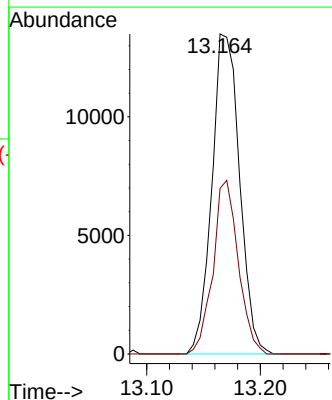
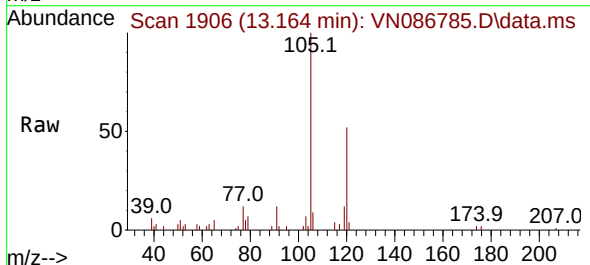
Manual Integrations
APPROVED

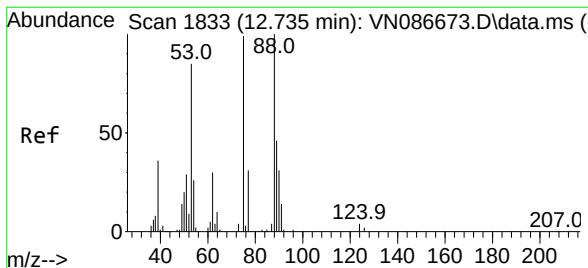
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.433 ug/l
RT: 13.164 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

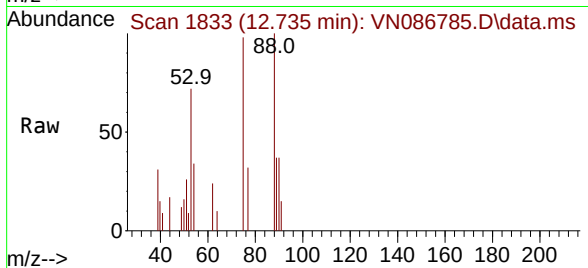
Tgt Ion:105 Resp: 22859
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 2.161 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

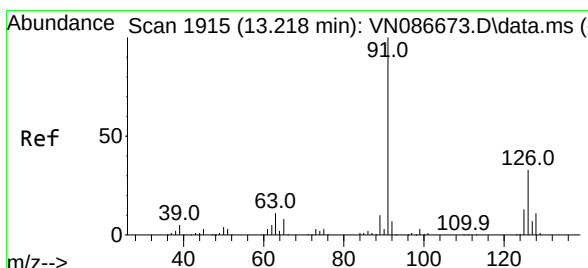
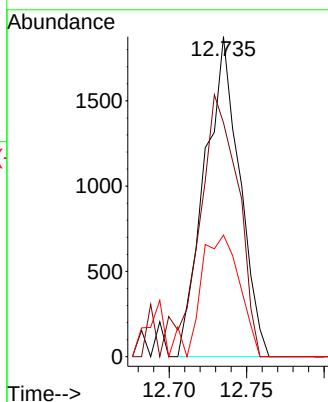
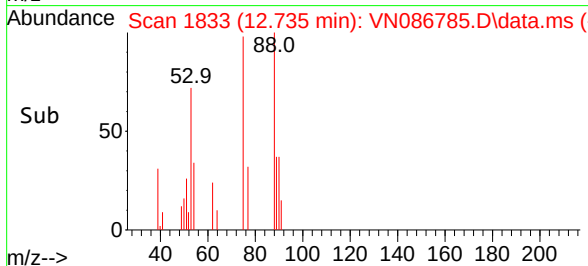
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



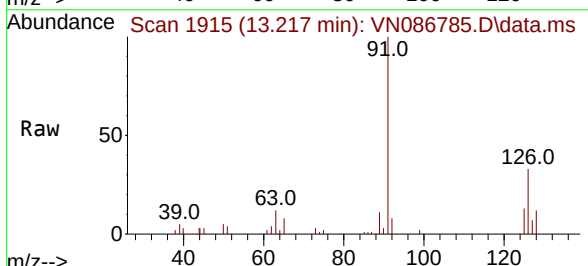
Tgt Ion: 75 Resp: 294
Ion Ratio Lower Upper
75 100
53 91.2 70.4 105.6
89 40.7 32.4 48.6

Manual Integrations
APPROVED

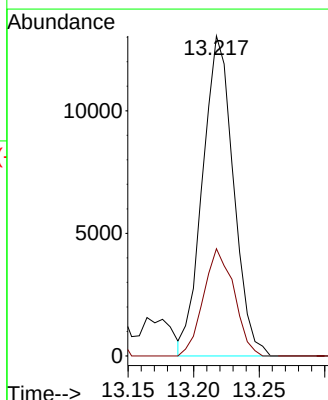
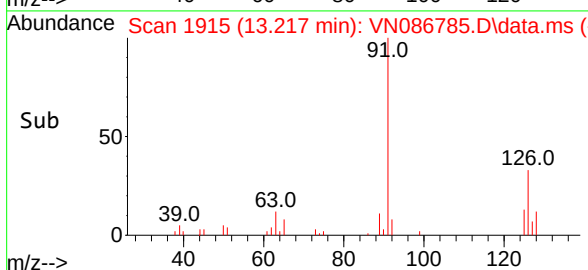
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

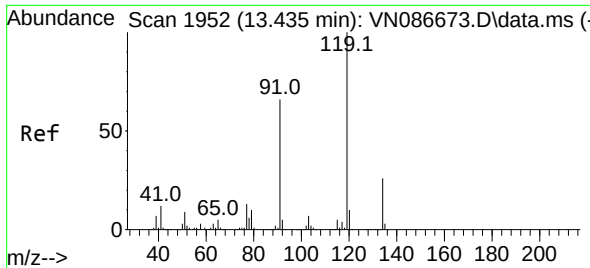


#82
4-Chlorotoluene
Concen: 2.465 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43



Tgt Ion: 91 Resp: 21370
Ion Ratio Lower Upper
91 100
126 33.2 17.0 50.9





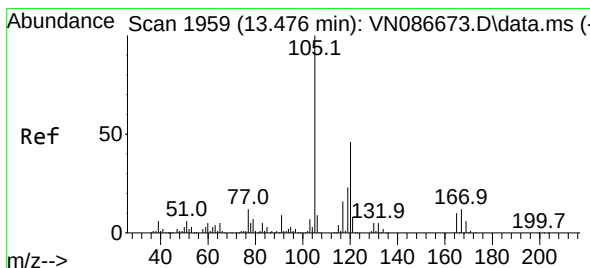
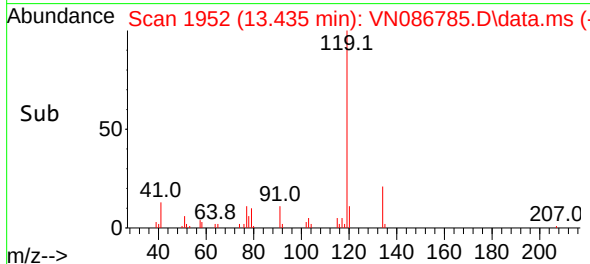
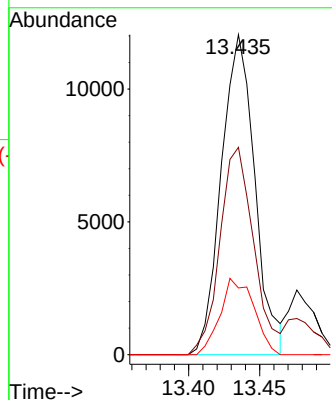
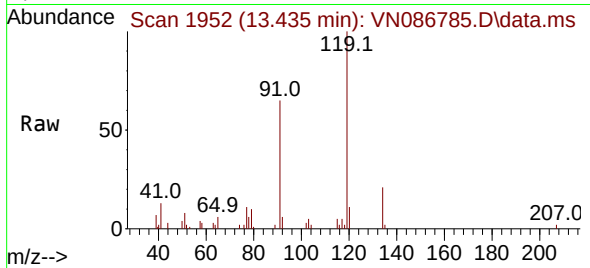
#83
tert-Butylbenzene
Concen: 2.417 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.6	32.9	98.7
134	24.0	13.4	40.1

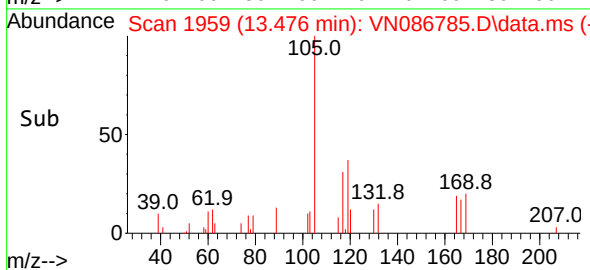
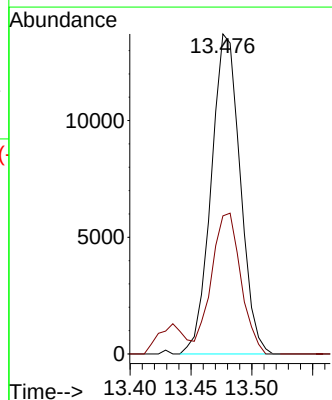
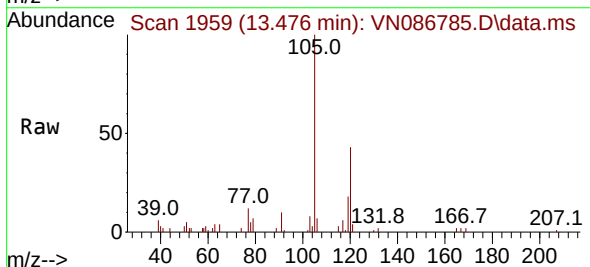
Manual Integrations
APPROVED

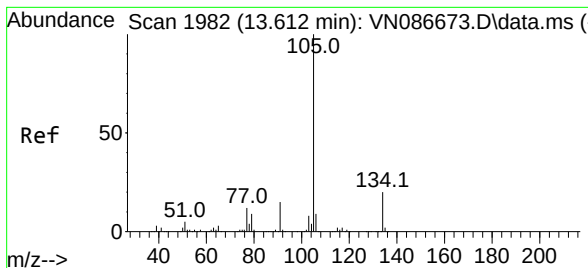
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 2.426 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	23.2	69.6





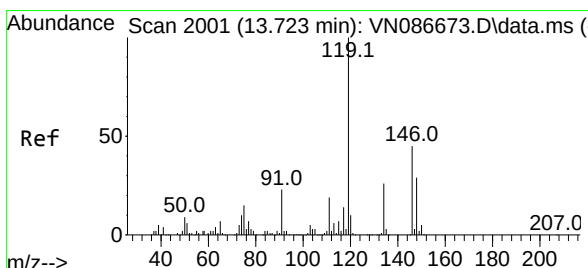
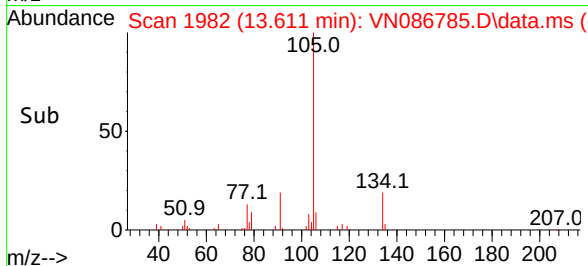
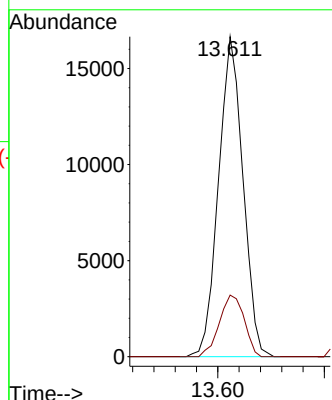
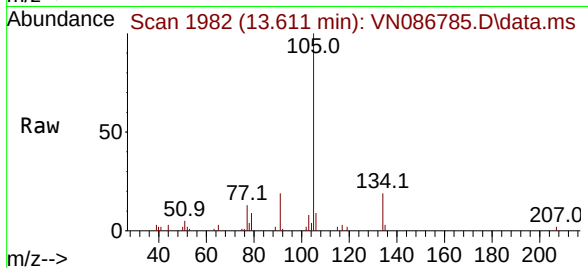
#85
 sec-Butylbenzene
 Concen: 2.411 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086785.D
 Acq: 27 May 2025 15:43

Instrument : MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 26498
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1

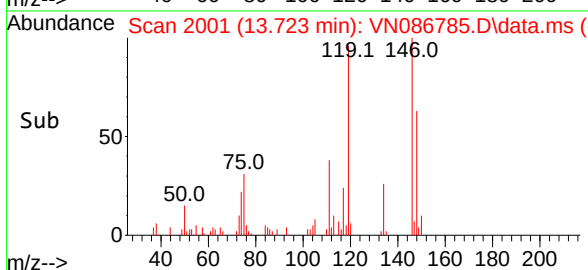
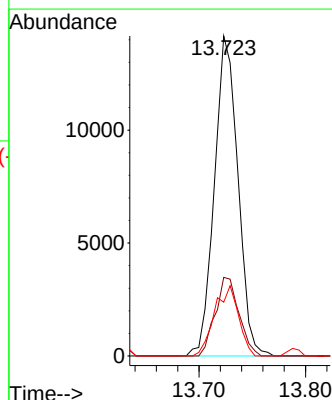
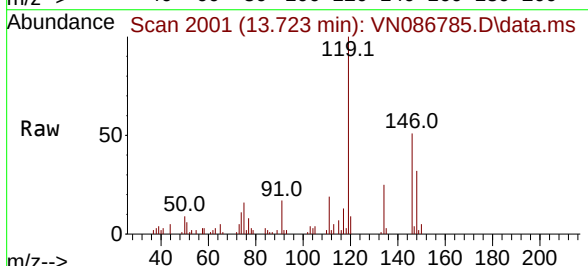
Manual Integrations
 APPROVED

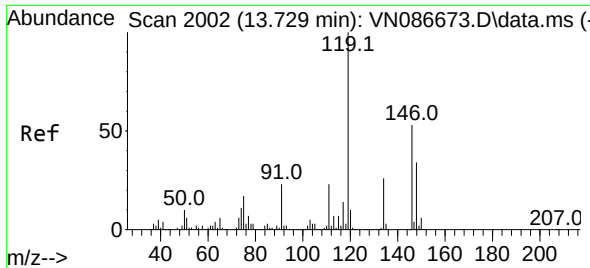
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#86
 p-Isopropyltoluene
 Concen: 2.409 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086785.D
 Acq: 27 May 2025 15:43

Tgt Ion:119 Resp: 21698
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.1 39.1
 91 22.5 11.5 34.5





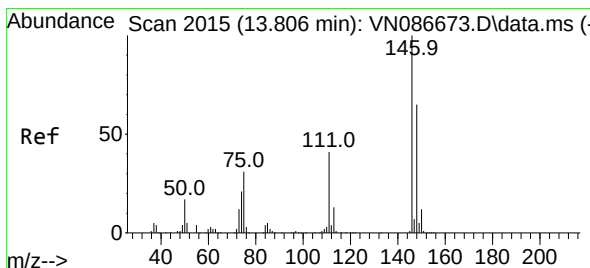
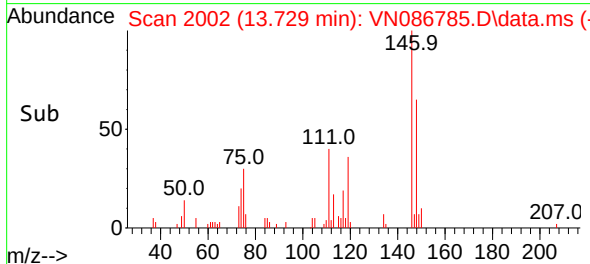
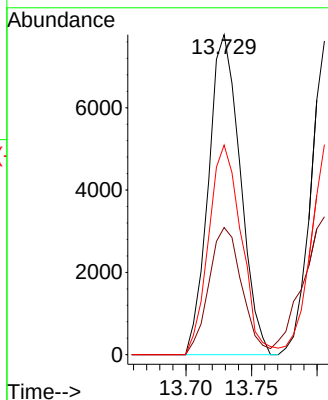
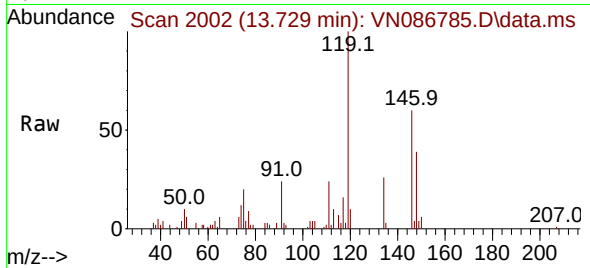
#87
1,3-Dichlorobenzene
Concen: 2.570 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:146 Resp: 13128
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.7
148 67.6 31.8 95.4

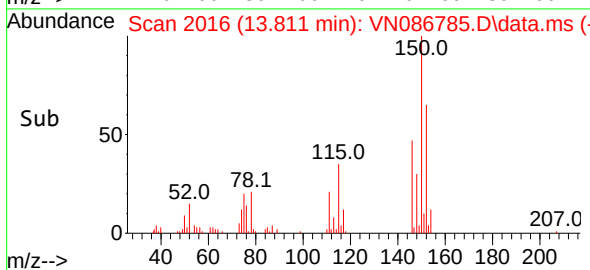
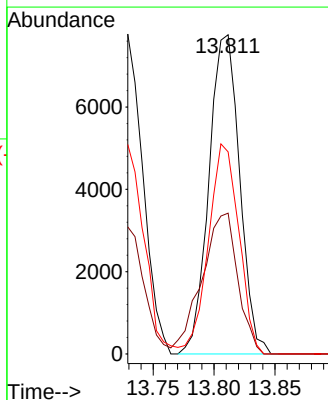
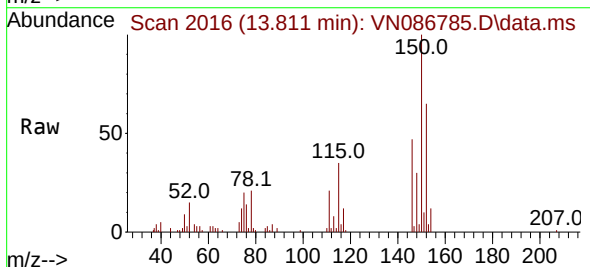
Manual Integrations
APPROVED

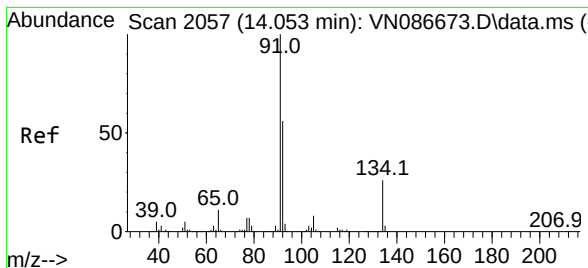
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#88
1,4-Dichlorobenzene
Concen: 2.685 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

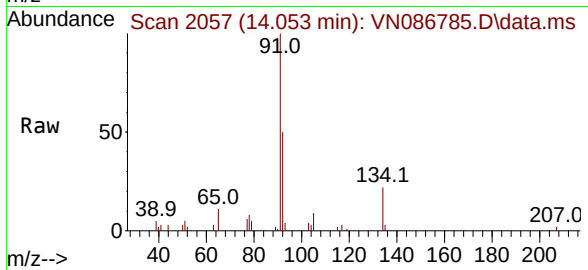
Tgt Ion:146 Resp: 13590
Ion Ratio Lower Upper
146 100
111 51.9 20.6 61.8
148 65.2 32.0 96.0





#89
n-Butylbenzene
Concen: 2.247 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

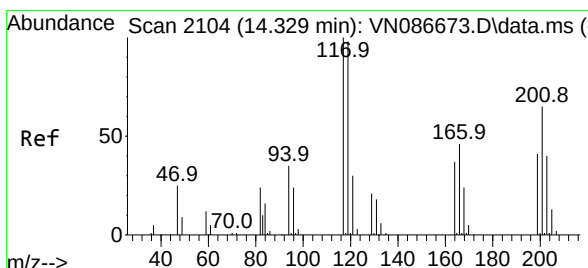
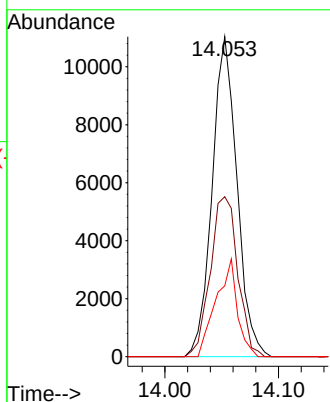
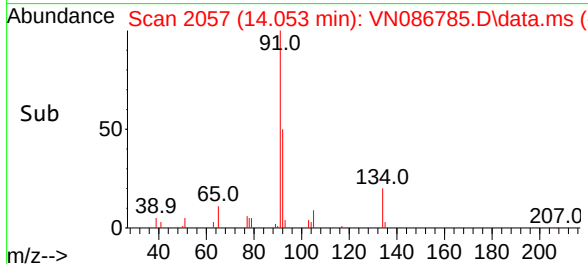
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 91 Resp: 16775
Ion Ratio Lower Upper
91 100
92 55.2 27.4 82.0
134 26.2 12.8 38.4

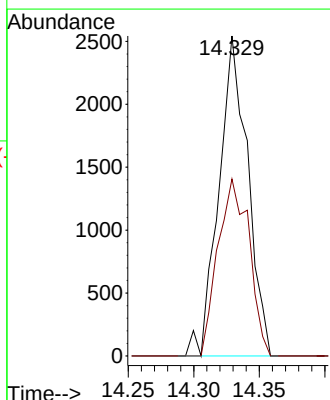
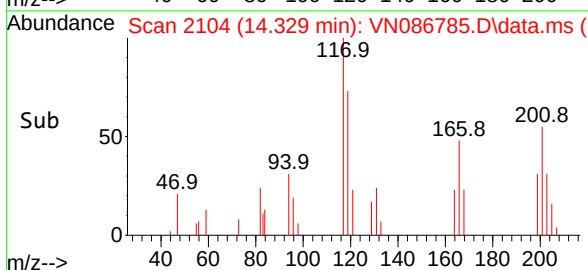
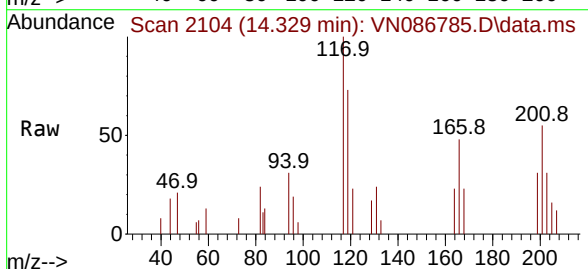
Manual Integrations
APPROVED

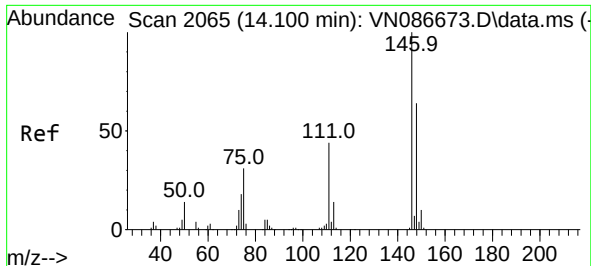
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 2.607 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion:117 Resp: 3896
Ion Ratio Lower Upper
117 100
201 59.8 32.0 96.0





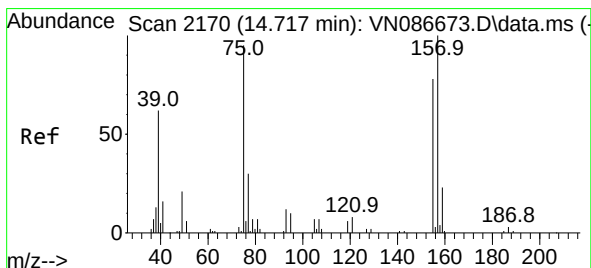
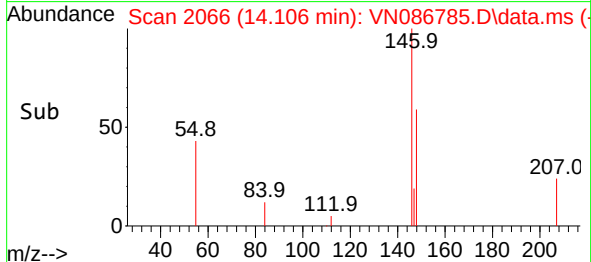
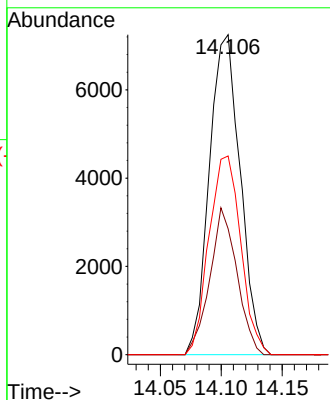
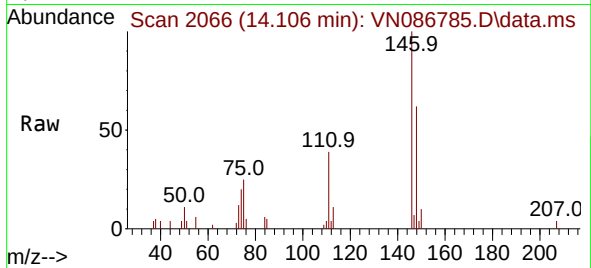
#91
1,2-Dichlorobenzene
Concen: 2.629 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:146 Resp: 12770
Ion Ratio Lower Upper
146 100
111 40.5 21.6 65.0
148 63.9 31.7 95.1

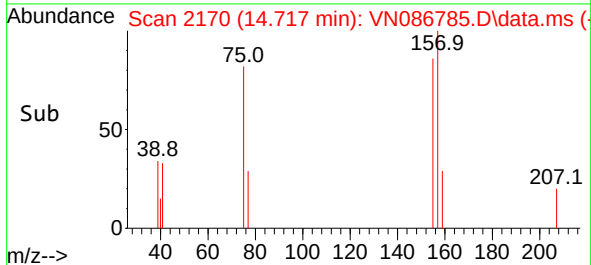
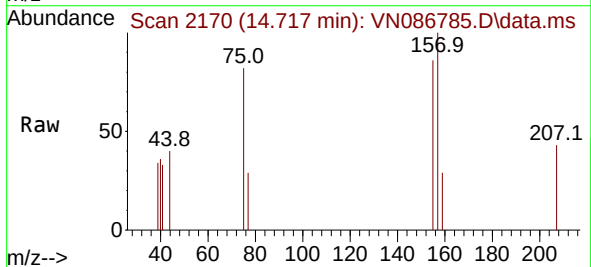
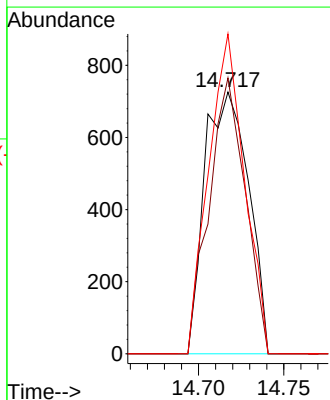
Manual Integrations
APPROVED

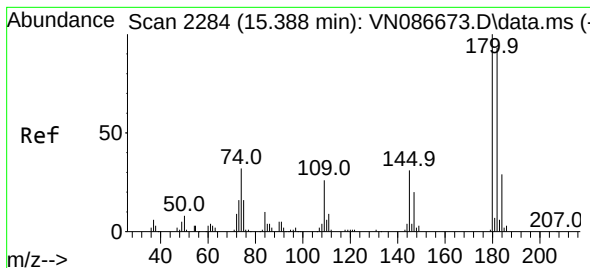
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.178 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

Tgt Ion: 75 Resp: 1300
Ion Ratio Lower Upper
75 100
155 87.1 40.5 121.5
157 99.8 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 2.462 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

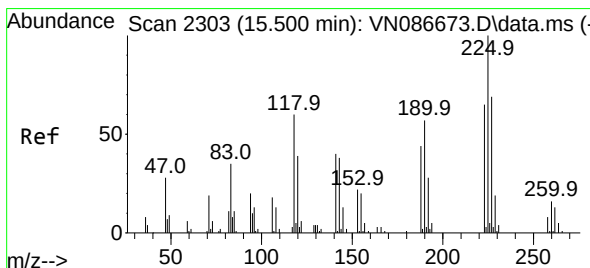
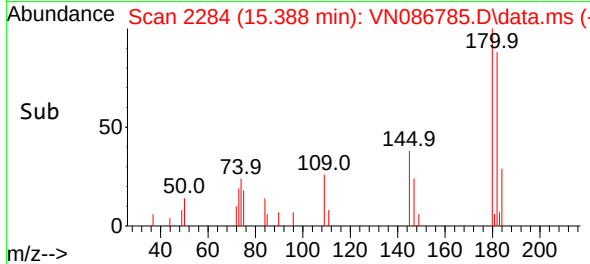
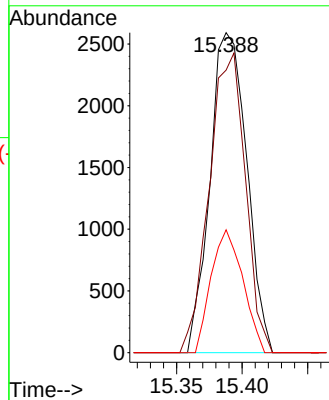
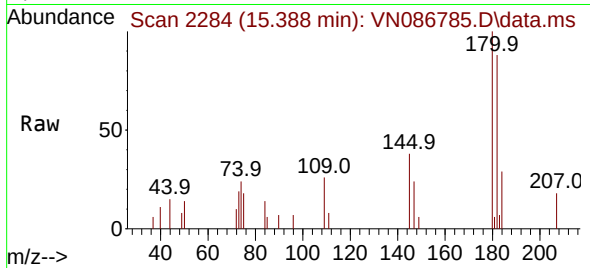
Tgt Ion:180	Resp:	5050
Ion Ratio	Lower	Upper
180	100	
182	91.9	47.1 141.3
145	33.1	15.6 46.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#94

Hexachlorobutadiene

Concen: 2.481 ug/l

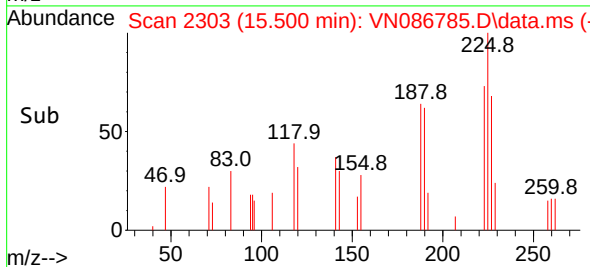
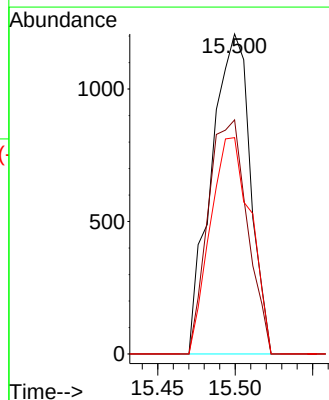
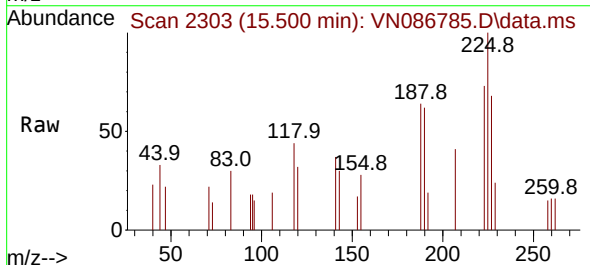
RT: 15.500 min Scan# 2303

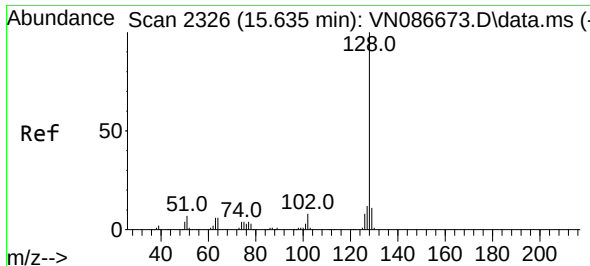
Delta R.T. -0.000 min

Lab File: VN086785.D

Acq: 27 May 2025 15:43

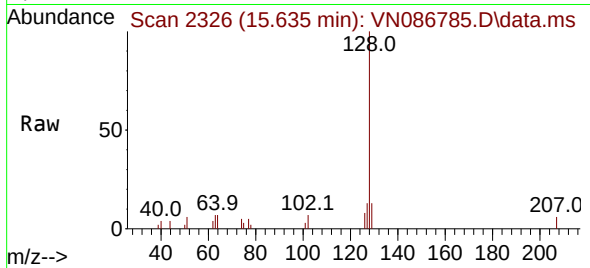
Tgt Ion:225	Resp:	2111
Ion Ratio	Lower	Upper
225	100	
223	73.5	32.9 98.6
227	70.3	32.4 97.2





#95
Naphthalene
Concen: 2.317 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43

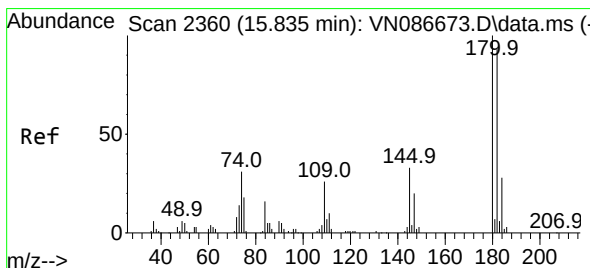
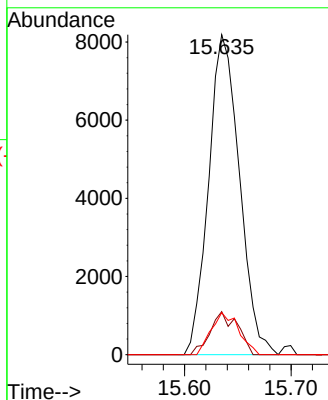
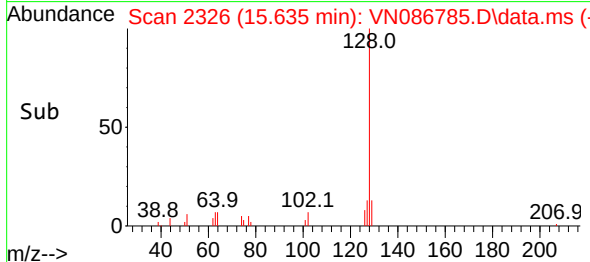
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



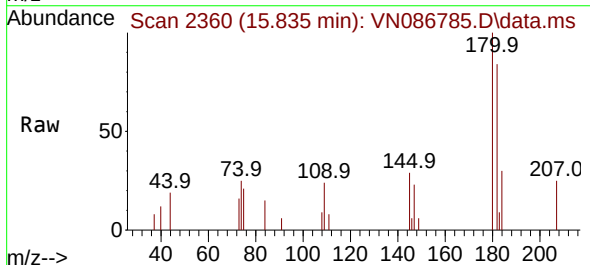
Tgt Ion:128 Resp: 16498
Ion Ratio Lower Upper
128 100
127 11.9 10.1 15.1
129 11.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 2.321 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086785.D
Acq: 27 May 2025 15:43



Tgt Ion:180 Resp: 4661
Ion Ratio Lower Upper
180 100
182 100.2 47.0 141.2
145 30.9 16.7 50.1

