

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086783.D
 Acq On : 27 May 2025 14:54
 Operator : JC\MD
 Sample : Q2126-07 0.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: May 29 01:48:50 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	234465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	411390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152533	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148483	45.830	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.660%		
35) Dibromofluoromethane	8.165	113	120569	49.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.420%		
50) Toluene-d8	10.565	98	503978	49.639	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.280%		
62) 4-Bromofluorobenzene	12.847	95	173451	48.383	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1007	0.398	ug/l	99
3) Chloromethane	2.359	50	2459	0.642	ug/l	94
4) Vinyl Chloride	2.512	62	1502	0.437	ug/l #	72
5) Bromomethane	2.965	94	1374	0.693	ug/l	98
6) Chloroethane	3.118	64	1104	0.490	ug/l	97
7) Trichlorofluoromethane	3.500	101	1562	0.380	ug/l	100
8) Diethyl Ether	3.965	74	526	0.310	ug/l #	33
9) 1,1,2-Trichlorotrifluo...	4.383	101	1034	0.420	ug/l #	78
10) Methyl Iodide	4.595	142	2021	0.660	ug/l #	83
11) Tert butyl alcohol	5.518	59	974m	1.651	ug/l	
12) 1,1-Dichloroethene	4.336	96	1347	0.515	ug/l #	62
13) Acrolein	4.183	56	1106	1.753	ug/l	93
14) Allyl chloride	5.030	41	1822	0.460	ug/l #	69
15) Acrylonitrile	5.724	53	2702	1.849	ug/l #	88
16) Acetone	4.442	43	3180	2.624	ug/l #	86
17) Carbon Disulfide	4.712	76	4048	0.559	ug/l #	93
18) Methyl Acetate	5.030	43	2944	0.868	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	4064	0.456	ug/l	99
20) Methylene Chloride	5.265	84	1605	0.502	ug/l #	86
21) trans-1,2-Dichloroethene	5.783	96	1406	0.509	ug/l #	64
22) Diisopropyl ether	6.671	45	3845	0.431	ug/l #	76
23) Vinyl Acetate	6.606	43	12634	1.882	ug/l	96
24) 1,1-Dichloroethane	6.559	63	2244	0.428	ug/l #	82
25) 2-Butanone	7.483	43	4316	2.305	ug/l	99
26) 2,2-Dichloropropane	7.483	77	1993	0.461	ug/l #	74
27) cis-1,2-Dichloroethene	7.488	96	1633	0.481	ug/l	86
28) Bromochloromethane	7.812	49	952	0.400	ug/l #	82
29) Tetrahydrofuran	7.841	42	2372	1.940	ug/l	95
30) Chloroform	7.965	83	2328	0.444	ug/l	98
31) Cyclohexane	8.218	56	6136	1.262	ug/l #	1
32) 1,1,1-Trichloroethane	8.165	97	1928	0.436	ug/l #	46
36) 1,1-Dichloropropene	8.371	75	1815	0.502	ug/l #	80
37) Ethyl Acetate	7.553	43	1721	0.471	ug/l #	81
38) Carbon Tetrachloride	8.353	117	1624	0.456	ug/l #	75
39) Methylcyclohexane	9.600	83	1802	0.461	ug/l #	82
40) Benzene	8.606	78	6090	0.517	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	752	0.382	ug/l #	69
42) 1,2-Dichloroethane	8.671	62	2029	0.552	ug/l #	74
43) Isopropyl Acetate	8.688	43	5763	0.787	ug/l #	70
44) Trichloroethene	9.353	130	1419	0.499	ug/l	70
45) 1,2-Dichloropropane	9.618	63	1295	0.462	ug/l #	42
46) Dibromomethane	9.706	93	898	0.475	ug/l	88
47) Bromodichloromethane	9.888	83	1922	0.494	ug/l #	91
48) Methyl methacrylate	9.682	41	1169	0.412	ug/l	95
49) 1,4-Dioxane	9.700	88	283	4.713	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	7115	1.928	ug/l	99
52) Toluene	10.624	92	3600	0.491	ug/l	92
53) t-1,3-Dichloropropene	10.829	75	1876	0.455	ug/l #	85
54) cis-1,3-Dichloropropene	10.306	75	1983	0.441	ug/l #	84
55) 1,1,2-Trichloroethane	11.012	97	1251	0.458	ug/l #	79
56) Ethyl methacrylate	10.871	69	1927	0.439	ug/l	93
57) 1,3-Dichloropropane	11.159	76	2073	0.440	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	3915	1.996	ug/l	99
59) 2-Hexanone	11.194	43	5084	1.886	ug/l	100
60) Dibromochloromethane	11.353	129	1455	0.508	ug/l	77
61) 1,2-Dibromoethane	11.465	107	1304	0.475	ug/l	88
64) Tetrachloroethene	11.100	164	1646	0.598	ug/l #	90
65) Chlorobenzene	11.888	112	3868	0.491	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.959	131	1131	0.444	ug/l #	57
67) Ethyl Benzene	11.965	91	6423	0.476	ug/l	89
68) m/p-Xylenes	12.070	106	4657	0.911	ug/l	99
69) o-Xylene	12.394	106	2012	0.396	ug/l	83
70) Styrene	12.412	104	3533	0.424	ug/l	98
71) Bromoform	12.582	173	908	0.502	ug/l #	88
73) Isopropylbenzene	12.694	105	5234	0.444	ug/l	97
74) N-amyl acetate	12.494	43	1738	0.353	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	1560	0.431	ug/l #	87
76) 1,2,3-Trichloropropane	12.988	75	1978m	0.573	ug/l	
77) Bromobenzene	12.982	156	1596	0.539	ug/l	99
78) n-propylbenzene	13.029	91	6279	0.464	ug/l	97
79) 2-Chlorotoluene	13.117	91	4531	0.515	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	4145	0.439	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.729	75	565m	0.413	ug/l	
82) 4-Chlorotoluene	13.217	91	4508	0.518	ug/l	96
83) tert-Butylbenzene	13.435	119	3964	0.482	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	4328	0.460	ug/l	94
85) sec-Butylbenzene	13.612	105	5023	0.455	ug/l	98
86) p-Isopropyltoluene	13.723	119	3865	0.427	ug/l	93
87) 1,3-Dichlorobenzene	13.729	146	2611	0.509	ug/l	92
88) 1,4-Dichlorobenzene	13.812	146	2961m	0.582	ug/l	
89) n-Butylbenzene	14.053	91	3601	0.480	ug/l	96
90) Hexachloroethane	14.335	117	684	0.456	ug/l	78
91) 1,2-Dichlorobenzene	14.106	146	2447	0.501	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	61	0.102	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.388	180	966	0.469	ug/l	72
94) Hexachlorobutadiene	15.488	225	485	0.567	ug/l #	55
95) Naphthalene	15.635	128	4836	0.676	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.847	180	1033	0.512	ug/l	92

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

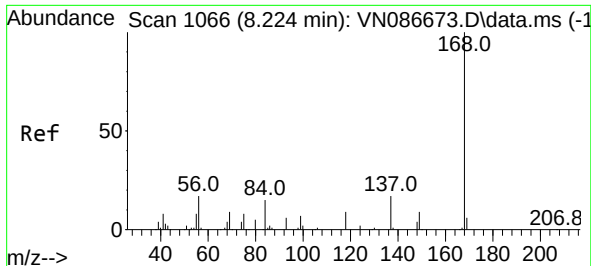
Manual Integrations
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Supervised By :Mahesh Dadoda 05/29/2025

Quant Time: May 29 01:48:50 2025
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Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
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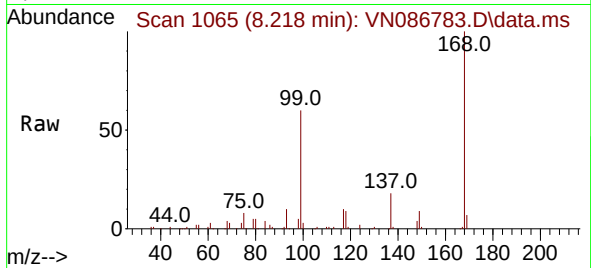
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



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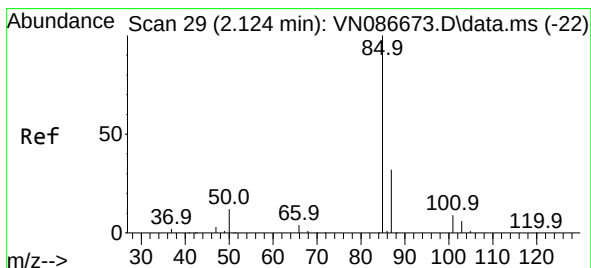
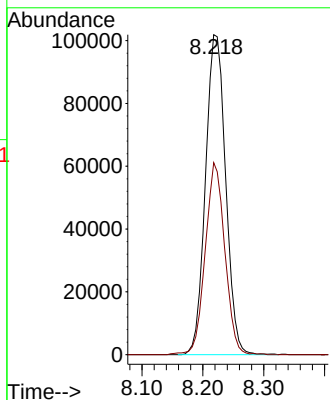
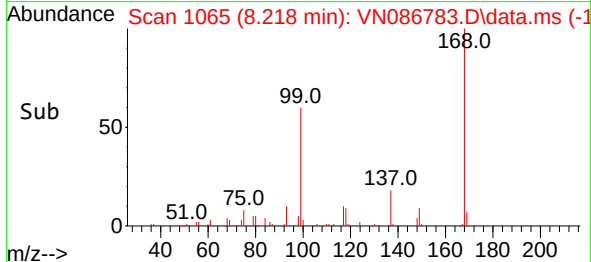
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:168 Resp: 23446
Ion Ratio Lower Upper
168 100
99 60.0 47.0 70.4

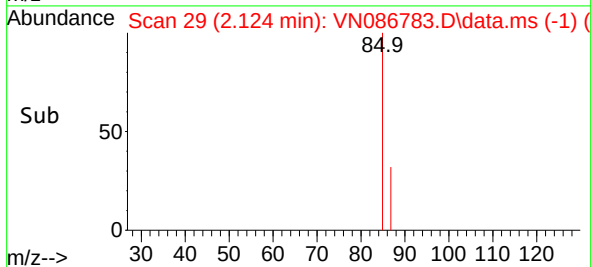
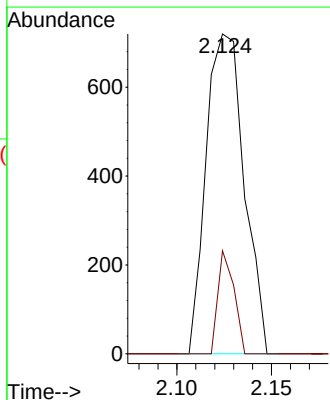
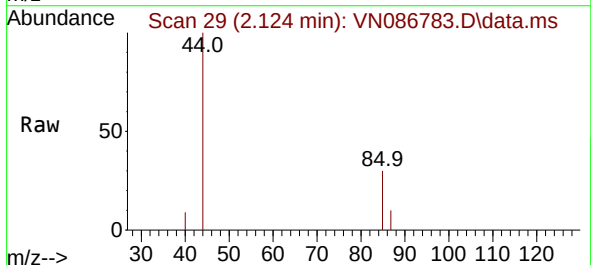
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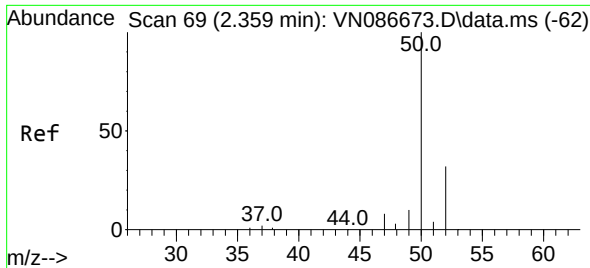
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#2
Dichlorodifluoromethane
Concen: 0.398 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

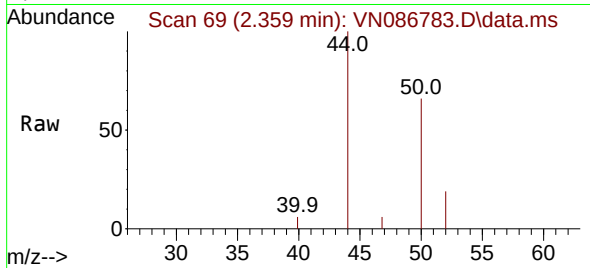
Tgt Ion: 85 Resp: 1007
Ion Ratio Lower Upper
85 100
87 32.2 15.9 47.6





#3
Chloromethane
Concen: 0.642 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

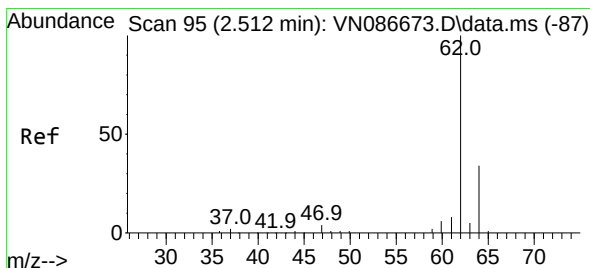
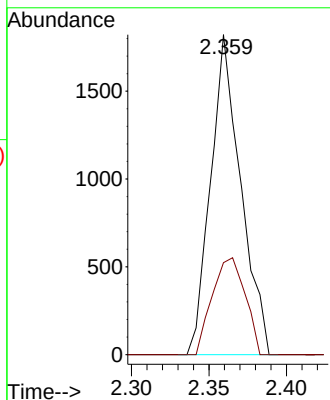
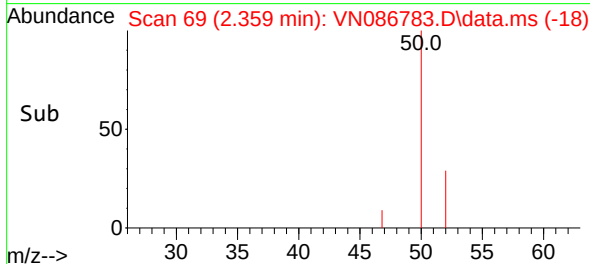
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ClientSampleId : LOD-MDL-WATER-01-QT2-2025



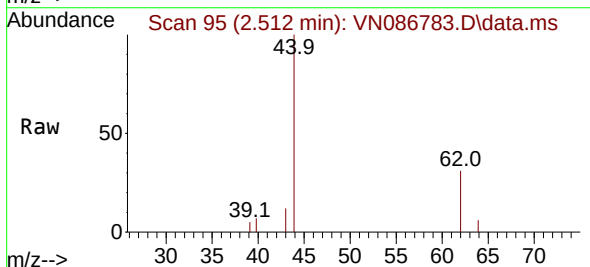
Tgt Ion: 50 Resp: 2459
Ion Ratio Lower Upper
50 100
52 28.8 25.9 38.9

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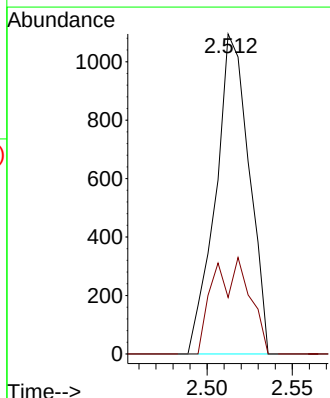
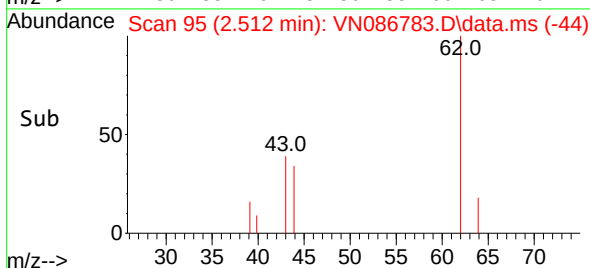
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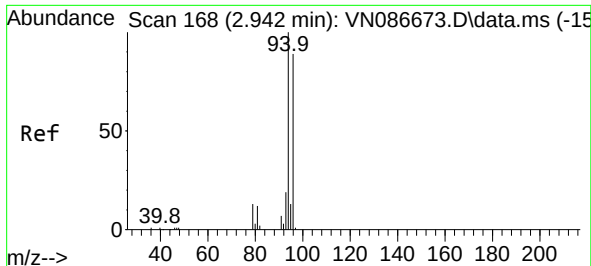


#4
Vinyl Chloride
Concen: 0.437 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



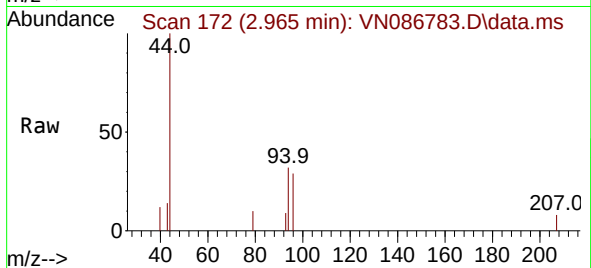
Tgt Ion: 62 Resp: 1502
Ion Ratio Lower Upper
62 100
64 17.6 26.9 40.3#





#5
Bromomethane
Concen: 0.693 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

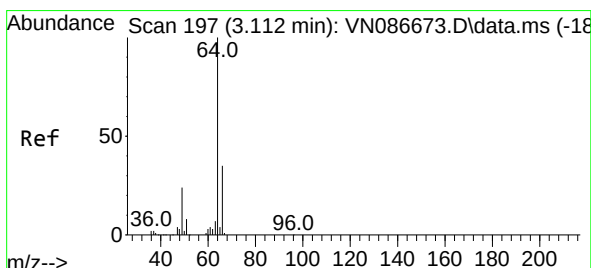
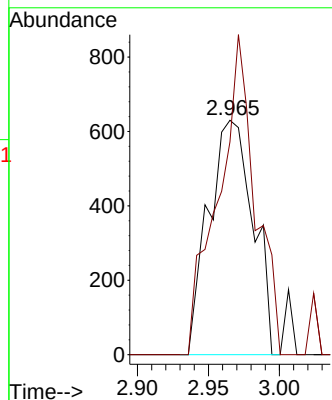
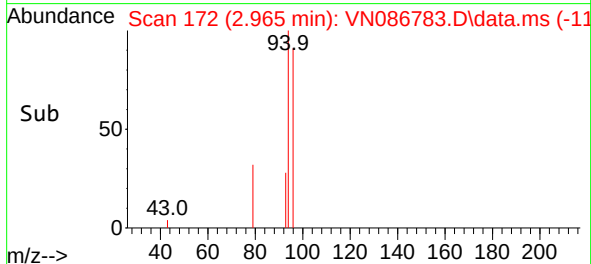
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Tgt Ion: 94 Resp: 1374
Ion Ratio Lower Upper
94 100
96 90.8 71.2 106.8

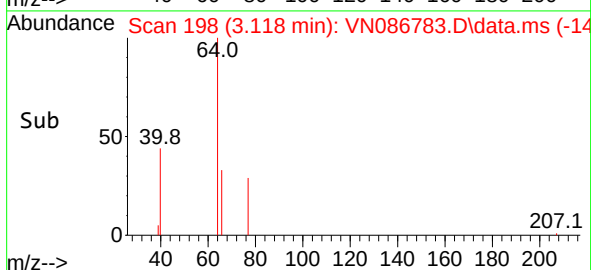
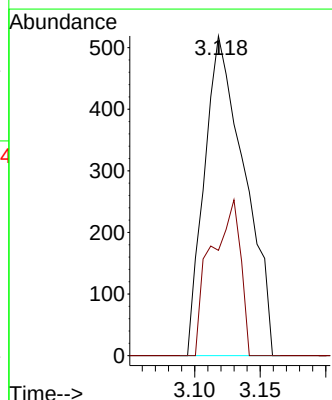
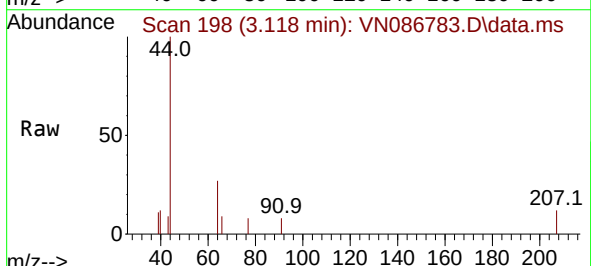
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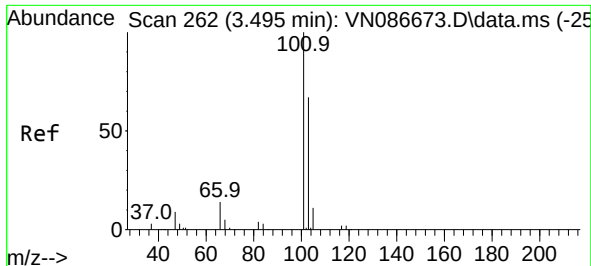
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#6
Chloroethane
Concen: 0.490 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

Tgt Ion: 64 Resp: 1104
Ion Ratio Lower Upper
64 100
66 32.9 27.7 41.5





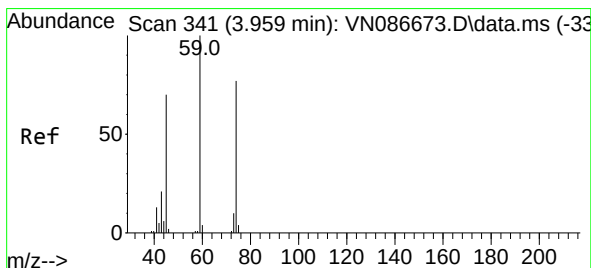
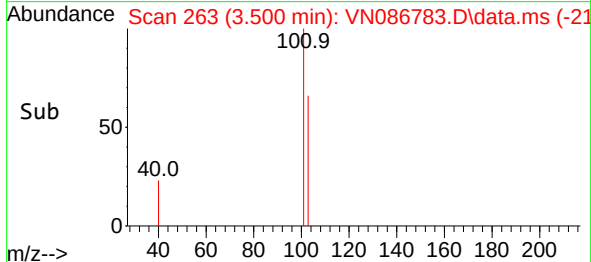
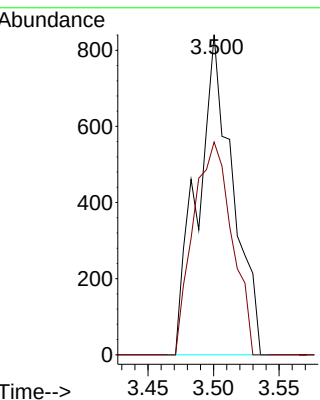
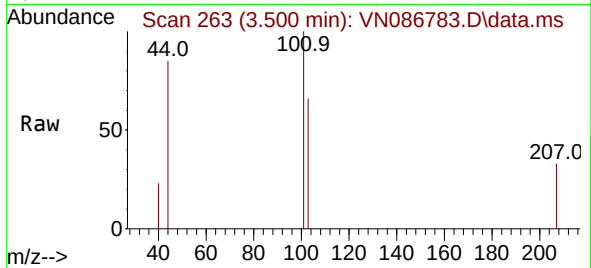
#7
Trichlorofluoromethane
Concen: 0.380 ug/l
RT: 3.500 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

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

Tgt Ion:101 Resp: 1562
Ion Ratio Lower Upper
101 100
103 66.5 53.4 80.0

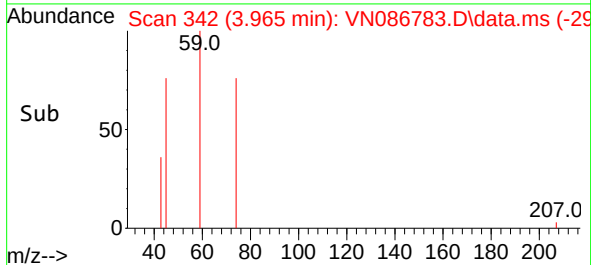
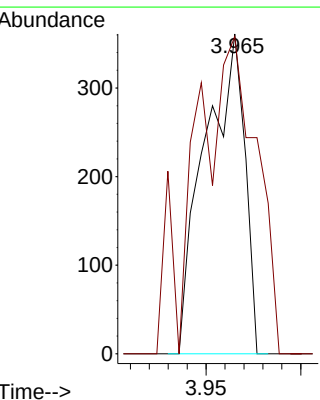
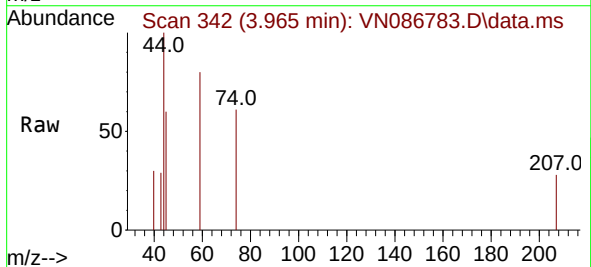
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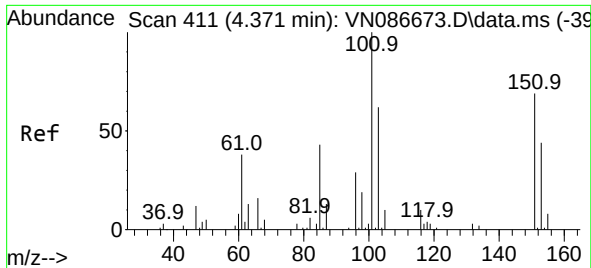
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#8
Diethyl Ether
Concen: 0.310 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

Tgt Ion: 74 Resp: 526
Ion Ratio Lower Upper
74 100
45 153.2 45.0 135.0#





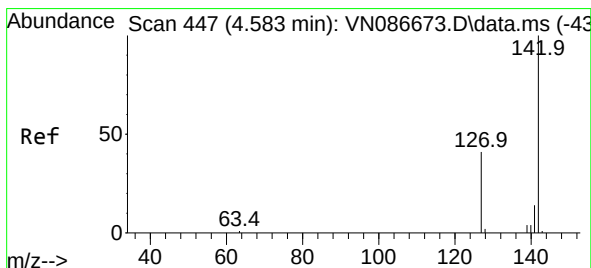
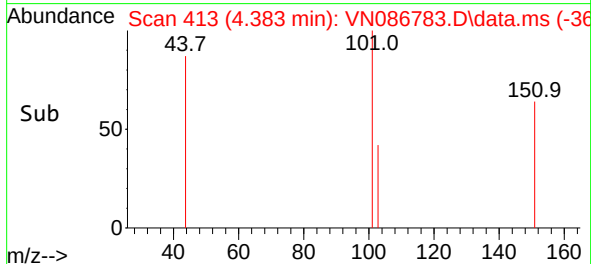
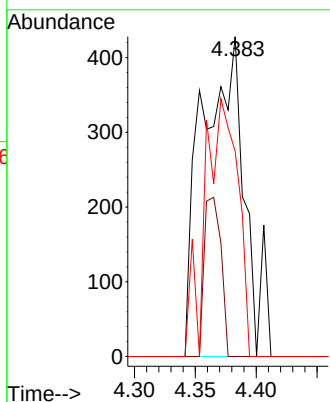
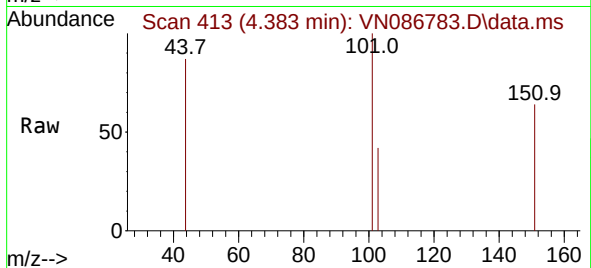
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.420 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

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

Tgt Ion:101 Resp: 1034
Ion Ratio Lower Upper
101 100
85 19.5 35.0 52.6
151 62.1 58.1 87.1

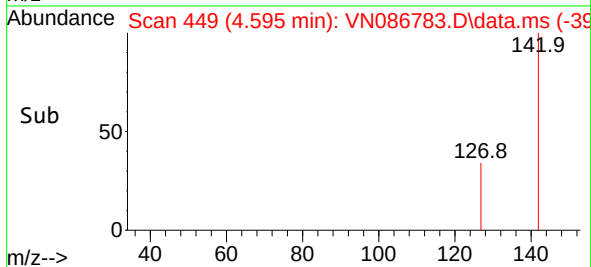
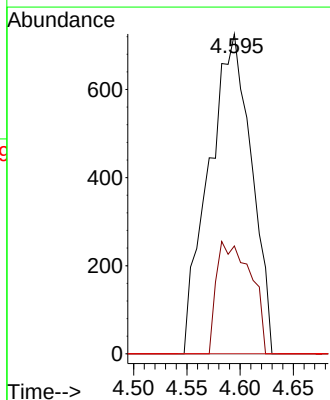
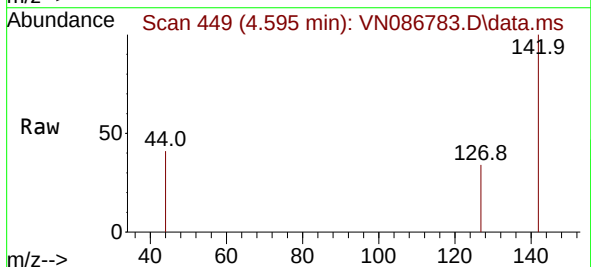
Manual Integrations
APPROVED

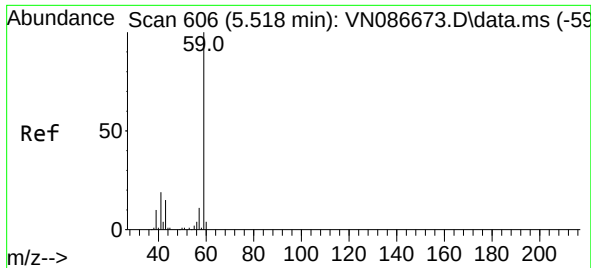
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#10
Methyl Iodide
Concen: 0.660 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.012 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

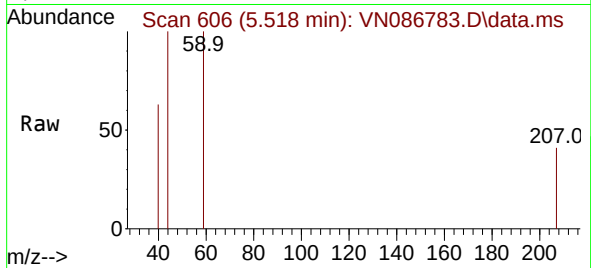
Tgt Ion:142 Resp: 2021
Ion Ratio Lower Upper
142 100
127 33.7 32.4 48.6
141 0.0 11.4 17.2#





#11
Tert butyl alcohol
Concen: 1.651 ug/l m
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

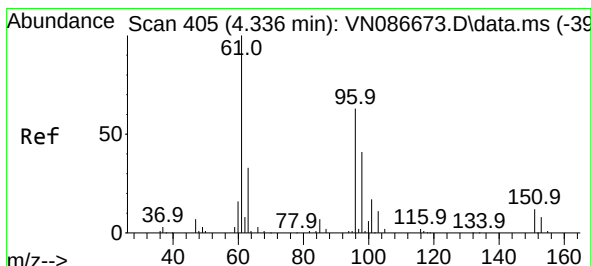
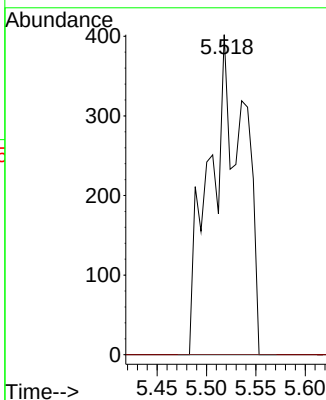
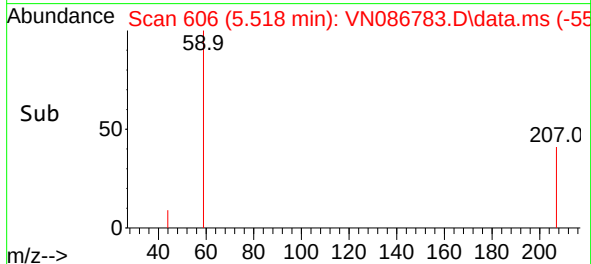
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



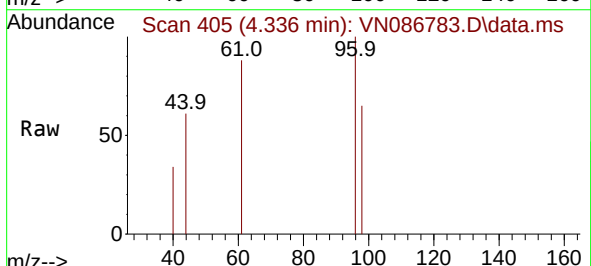
Tgt Ion: 59 Resp: 974
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

Manual Integrations
APPROVED

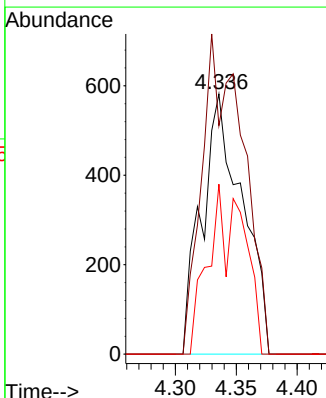
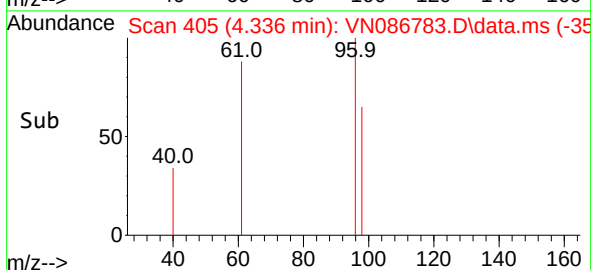
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

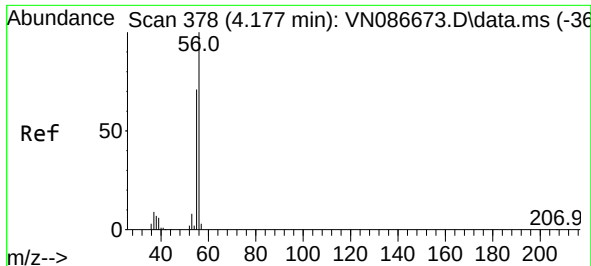


#12
1,1-Dichloroethene
Concen: 0.515 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



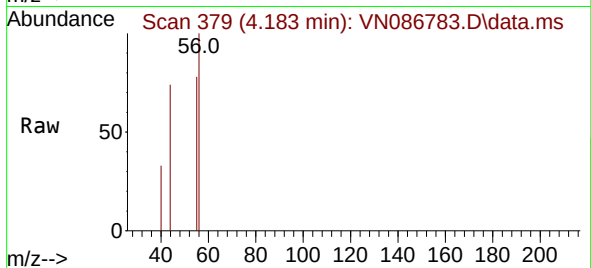
Tgt Ion: 96 Resp: 1347
Ion Ratio Lower Upper
96 100
61 87.8 126.2 189.2#
98 65.3 51.5 77.3





#13
Acrolein
Concen: 1.753 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

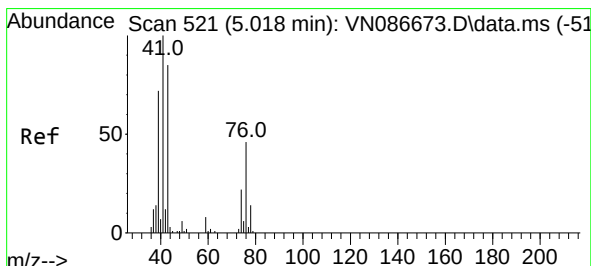
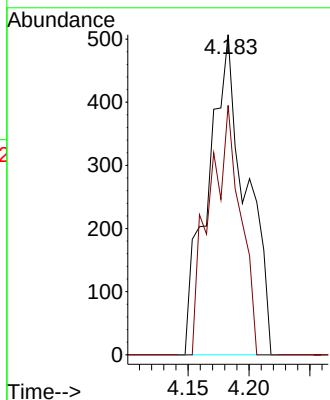
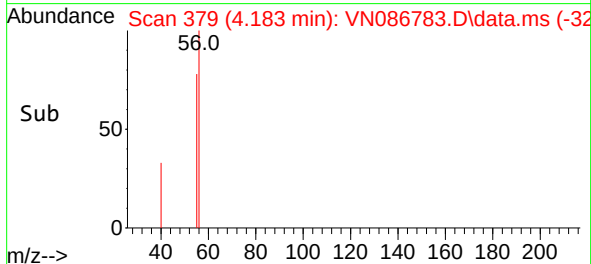
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 56 Resp: 1100
Ion Ratio Lower Upper
56 100
55 63.9 55.7 83.5

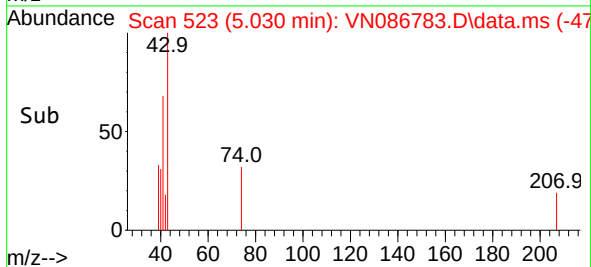
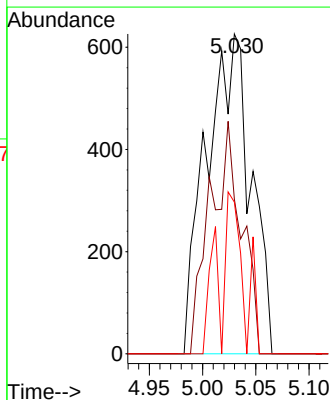
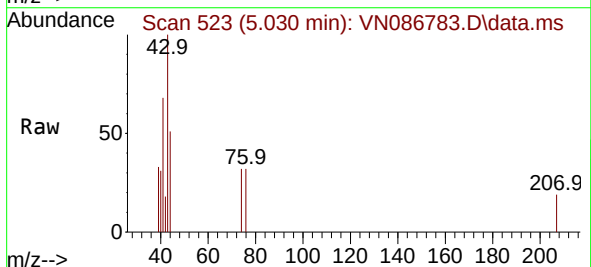
Manual Integrations
APPROVED

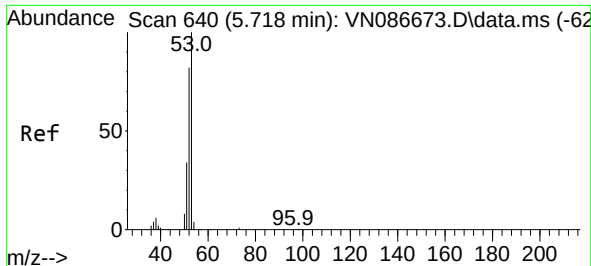
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#14
Allyl chloride
Concen: 0.460 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

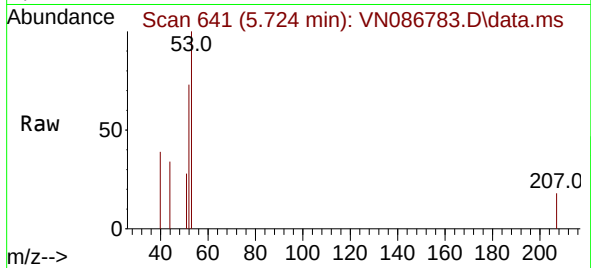
Tgt Ion: 41 Resp: 1822
Ion Ratio Lower Upper
41 100
39 51.3 57.4 86.0#
76 15.7 33.2 49.8#





#15
Acrylonitrile
Concen: 1.849 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

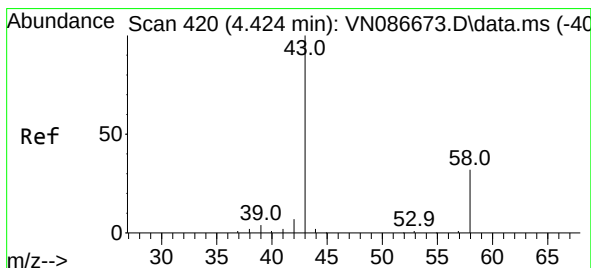
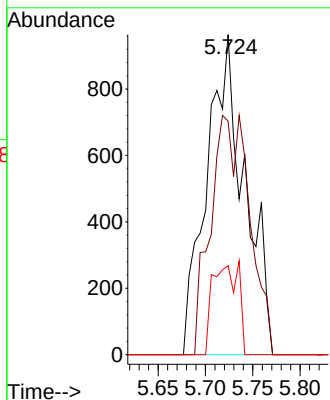
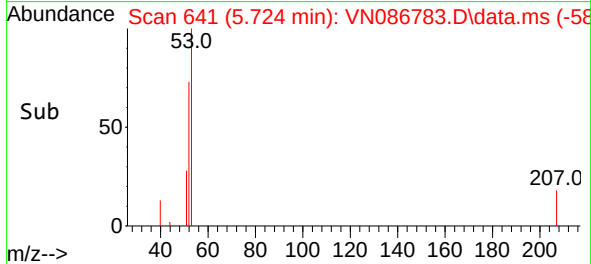
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



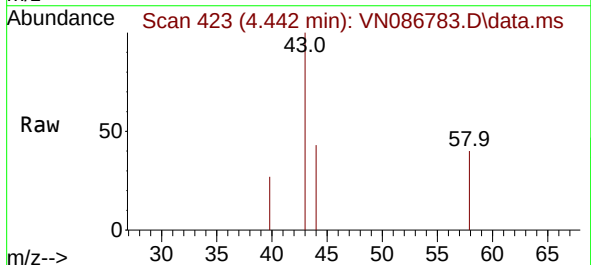
Tgt Ion: 53 Resp: 270
Ion Ratio Lower Upper
53 100
52 77.0 65.4 98.2
51 19.2 27.9 41.9

Manual Integrations
APPROVED

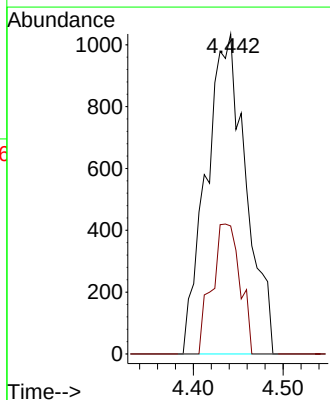
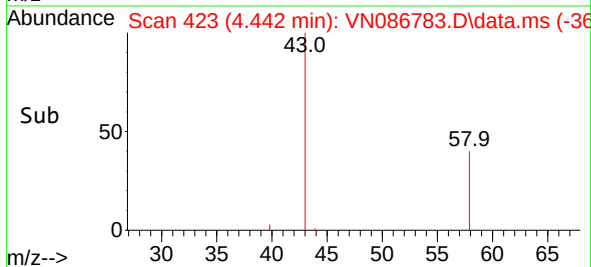
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

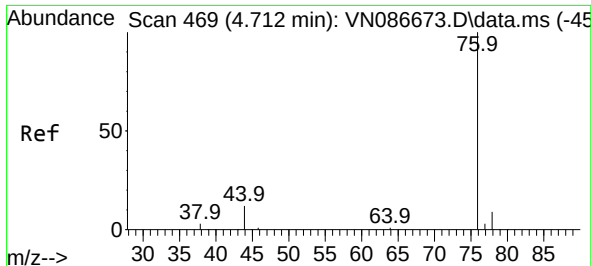


#16
Acetone
Concen: 2.624 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



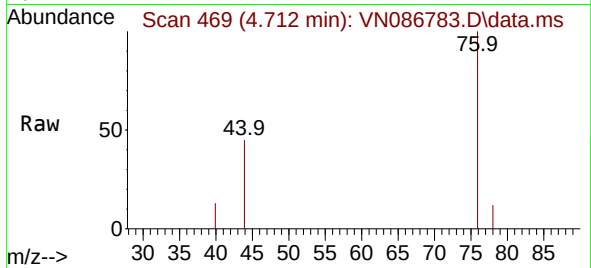
Tgt Ion: 43 Resp: 3180
Ion Ratio Lower Upper
43 100
58 40.0 25.8 38.6





#17
Carbon Disulfide
Concen: 0.559 ug/l
RT: 4.712 min Scan# 404
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

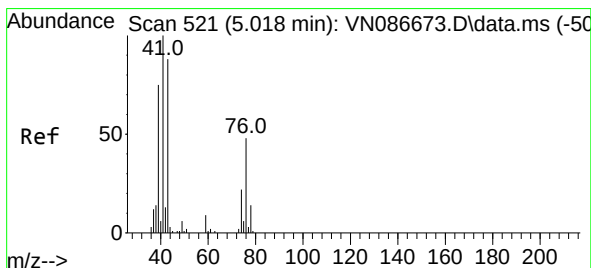
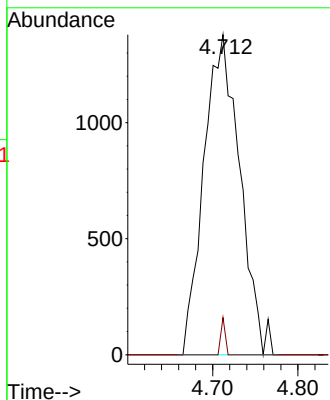
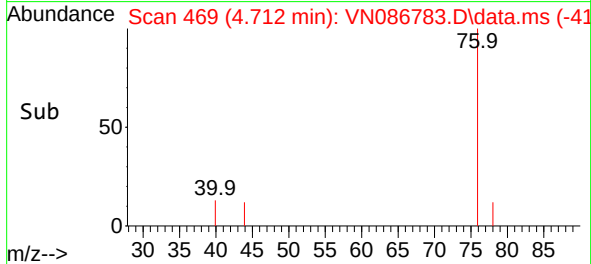
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



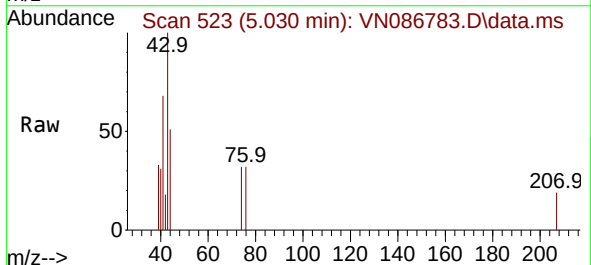
Tgt Ion: 76 Resp: 4048
Ion Ratio Lower Upper
76 100
78 11.6 7.3 10.9

Manual Integrations
APPROVED

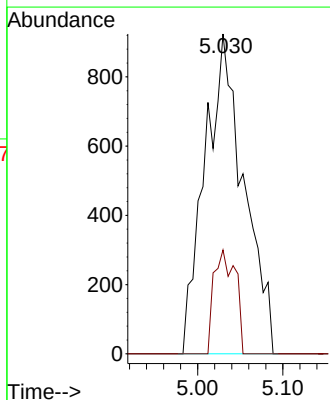
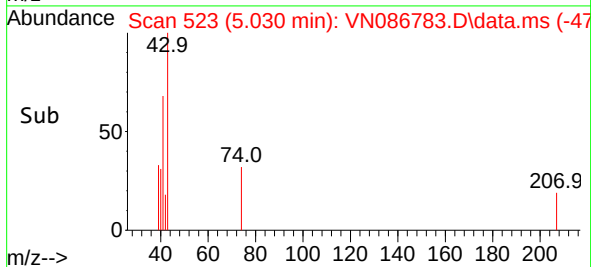
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

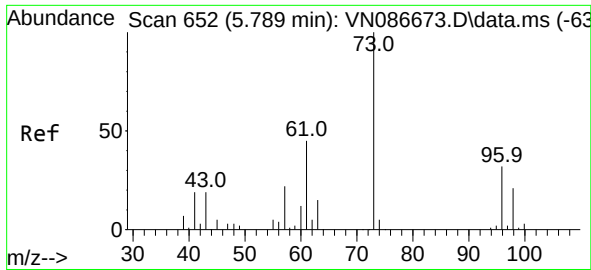


#18
Methyl Acetate
Concen: 0.868 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



Tgt Ion: 43 Resp: 2944
Ion Ratio Lower Upper
43 100
74 17.9 20.5 30.7





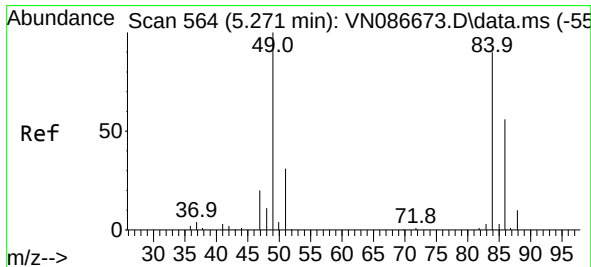
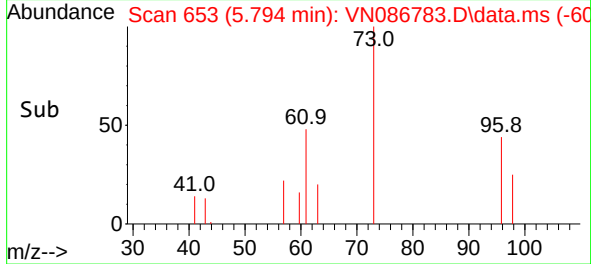
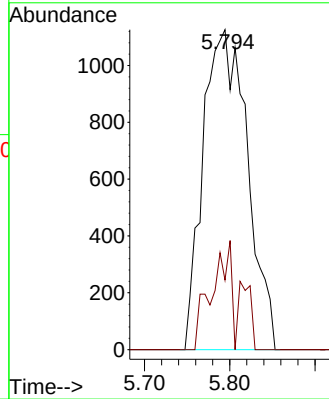
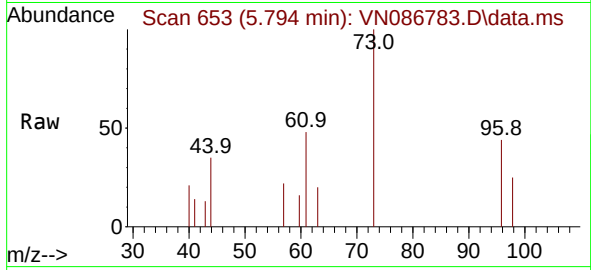
#19
Methyl tert-butyl Ether
Concen: 0.456 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

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

Tgt Ion: 73 Resp: 4064
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

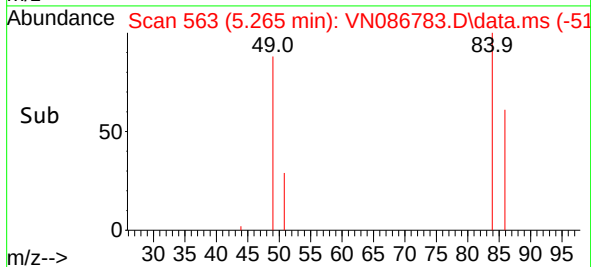
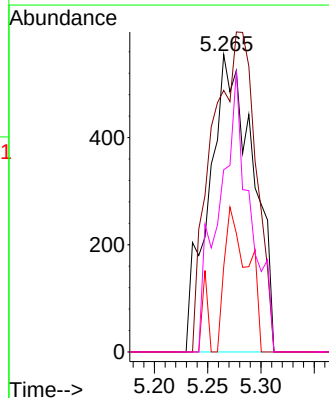
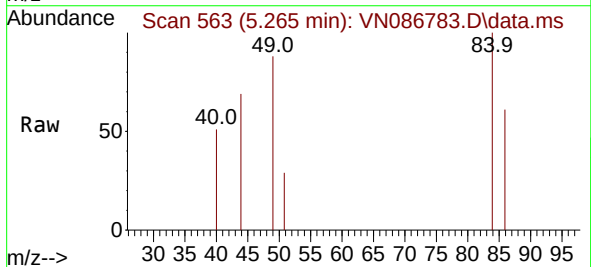
Manual Integrations
APPROVED

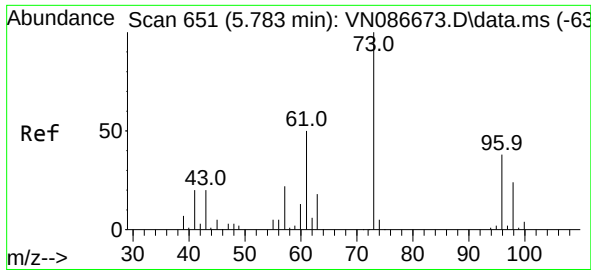
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#20
Methylene Chloride
Concen: 0.502 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

Tgt Ion: 84 Resp: 1605
Ion Ratio Lower Upper
84 100
49 87.9 88.8 133.2#
51 28.6 27.8 41.6
86 61.3 49.8 74.6





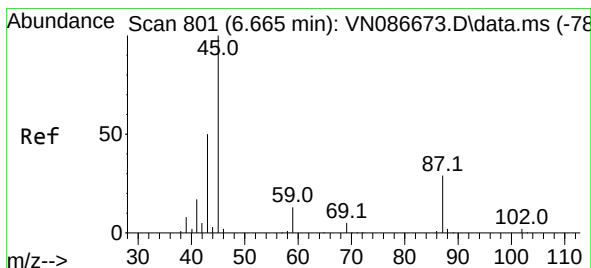
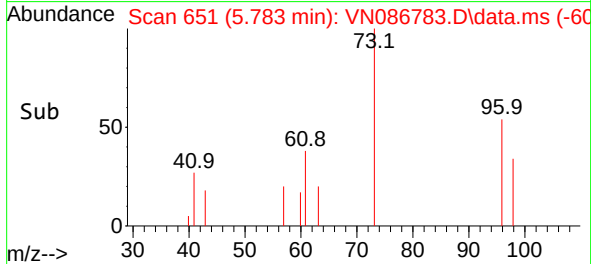
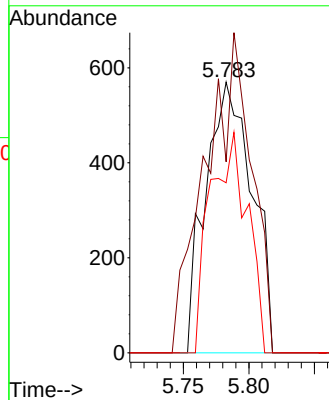
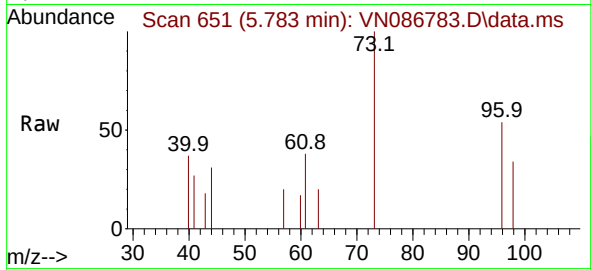
#21
trans-1,2-Dichloroethene
Concen: 0.509 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

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

Tgt Ion: 96 Resp: 1400
Ion Ratio Lower Upper
96 100
61 70.5 105.7 158.5
98 62.8 51.0 76.6

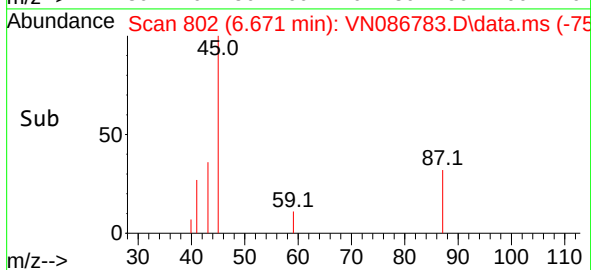
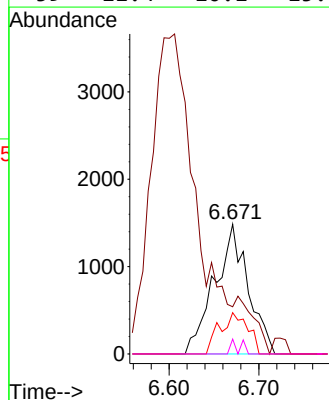
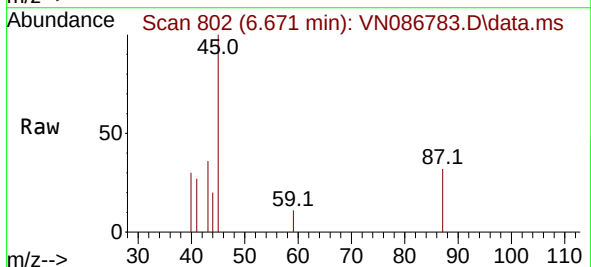
Manual Integrations
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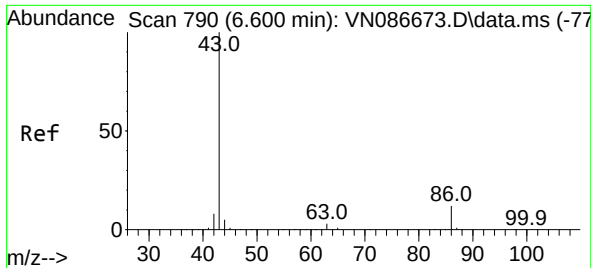
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#22
Diisopropyl ether
Concen: 0.431 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

Tgt Ion: 45 Resp: 3845
Ion Ratio Lower Upper
45 100
43 24.2 41.4 62.2#
87 31.8 22.9 34.3
59 11.4 10.1 15.1





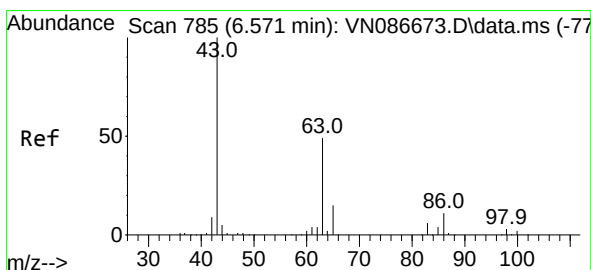
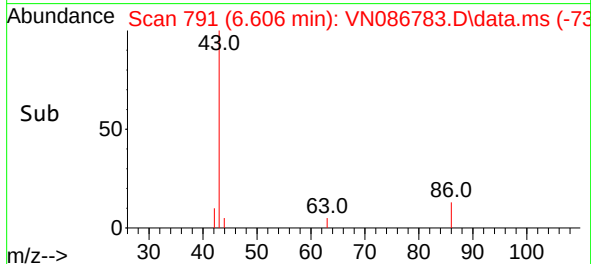
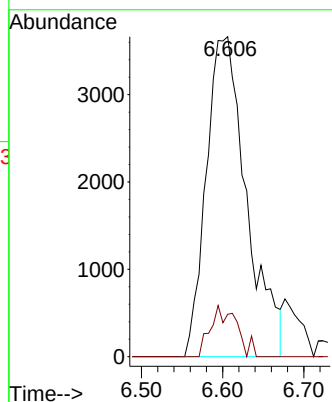
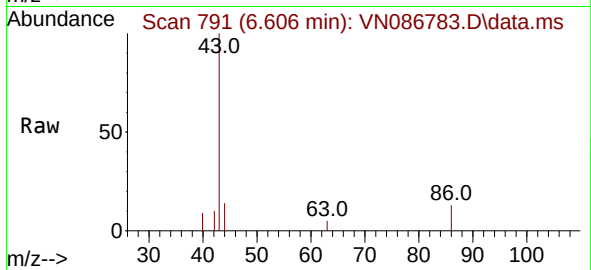
#23
 Vinyl Acetate
 Concen: 1.882 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN086783.D
 Acq: 27 May 2025 14:54

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

Tgt Ion: 43 Resp: 12634
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.5 14.3

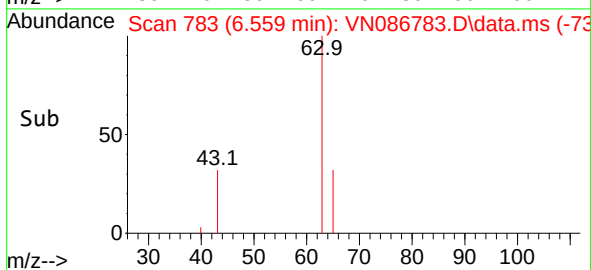
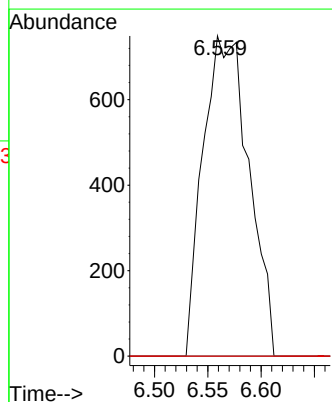
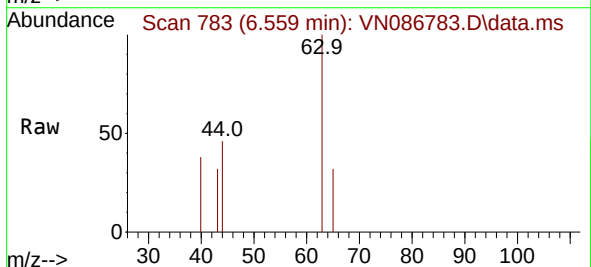
Manual Integrations
 APPROVED

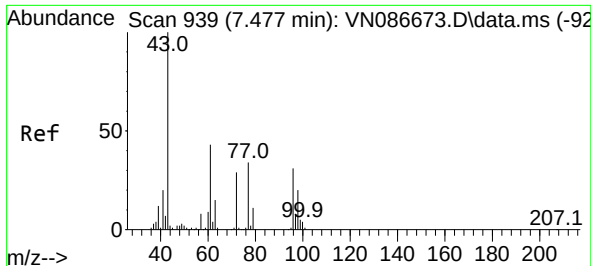
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#24
 1,1-Dichloroethane
 Concen: 0.428 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN086783.D
 Acq: 27 May 2025 14:54

Tgt Ion: 63 Resp: 2244
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.4 7.1#





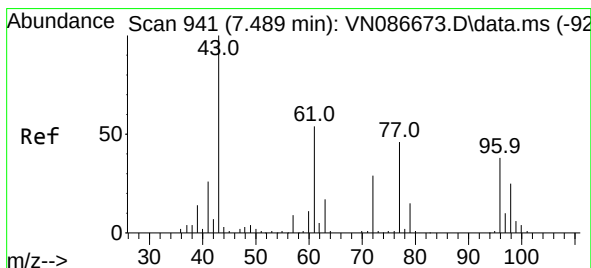
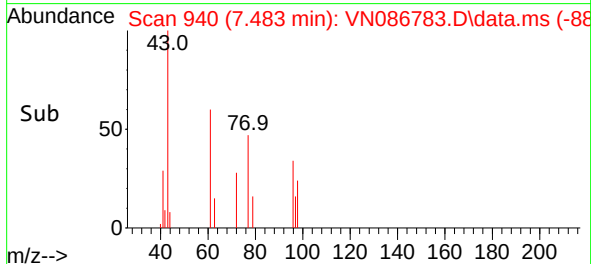
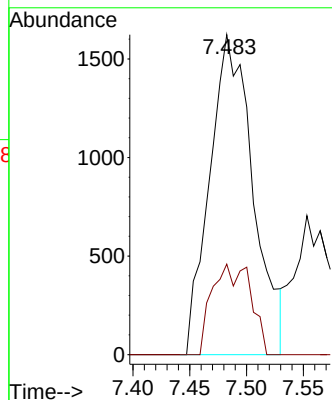
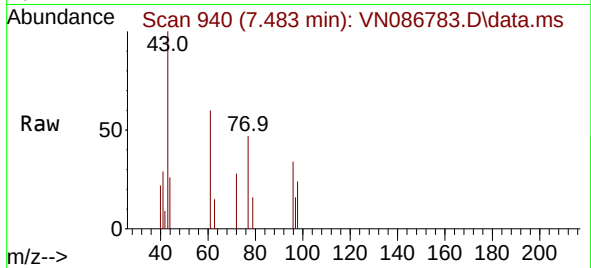
#25
2-Butanone
Concen: 2.305 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

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

Tgt Ion: 43 Resp: 4310
Ion Ratio Lower Upper
43 100
72 28.3 23.1 34.7

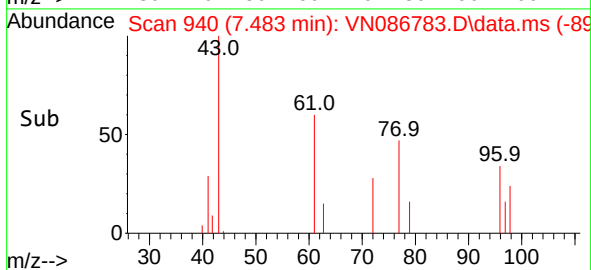
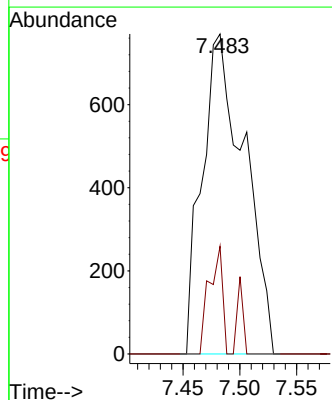
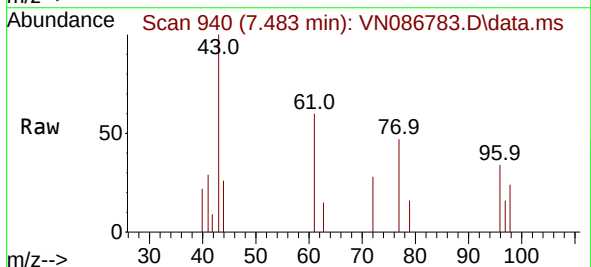
Manual Integrations
APPROVED

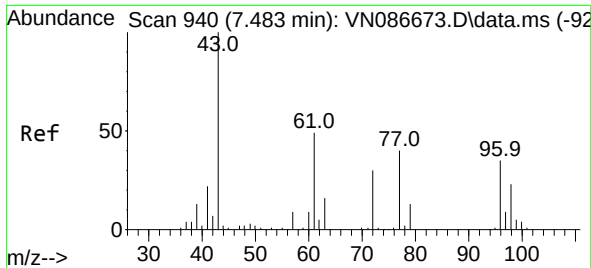
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#26
2,2-Dichloropropane
Concen: 0.461 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

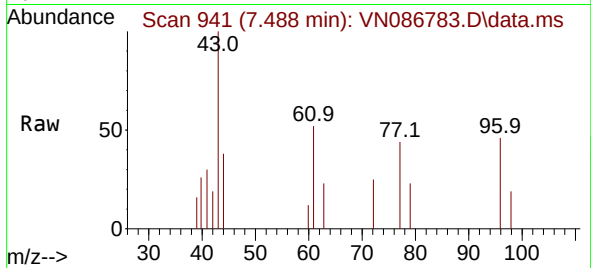
Tgt Ion: 77 Resp: 1993
Ion Ratio Lower Upper
77 100
97 10.6 11.6 34.7#





#27
 cis-1,2-Dichloroethene
 Concen: 0.481 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086783.D
 Acq: 27 May 2025 14:54

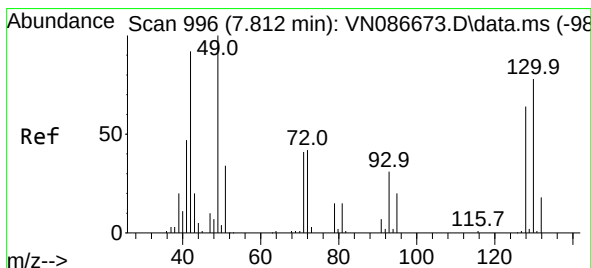
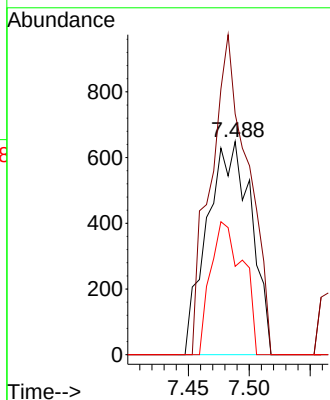
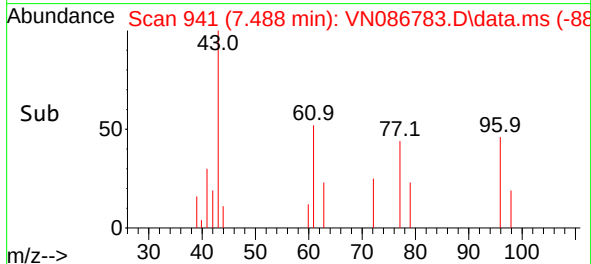
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 96 Resp: 163
 Ion Ratio Lower Upper
 96 100
 61 127.5 0.0 277.4
 98 45.7 0.0 129.6

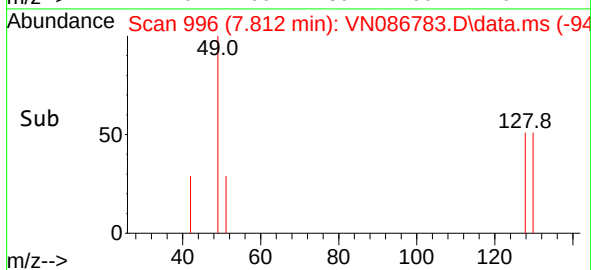
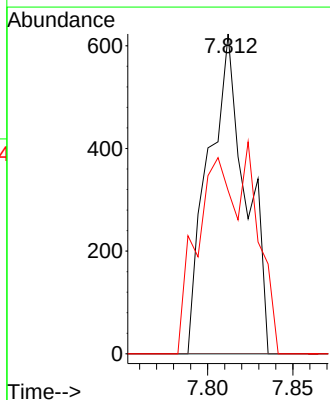
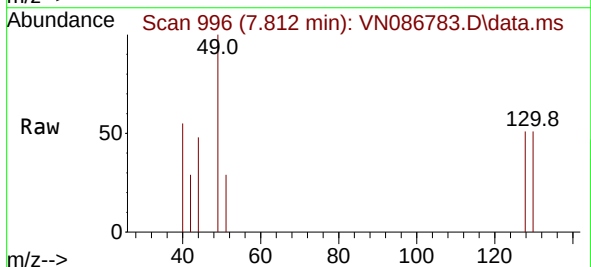
Manual Integrations
 APPROVED

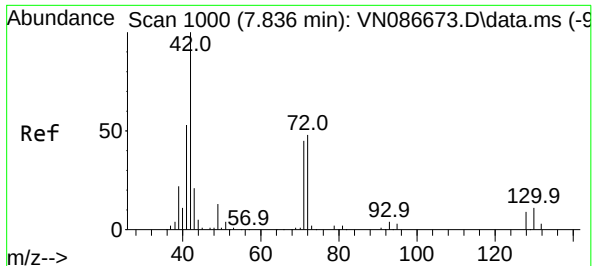
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#28
 Bromochloromethane
 Concen: 0.400 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086783.D
 Acq: 27 May 2025 14:54

Tgt Ion: 49 Resp: 952
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 93.9 62.2 93.4#





#29

Tetrahydrofuran

Concen: 1.940 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN086783.D

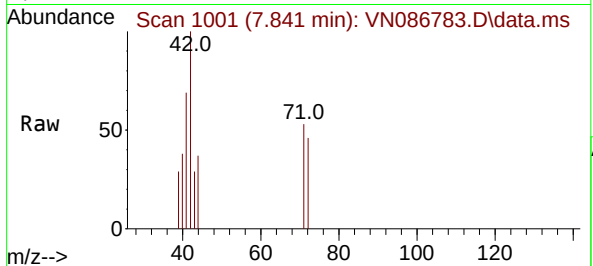
Acq: 27 May 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



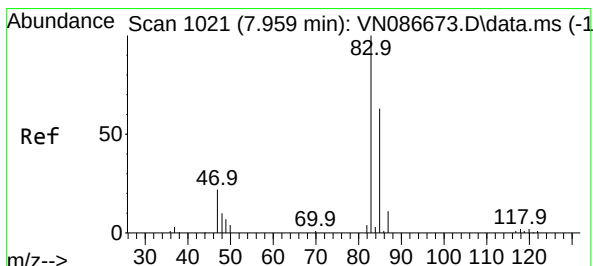
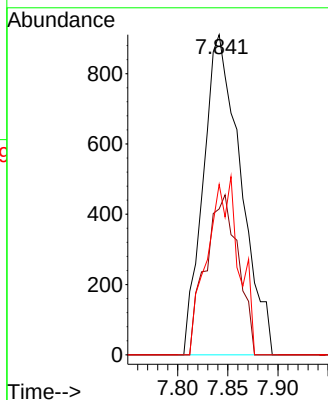
Tgt Ion:	42	Resp:	2372
Ion Ratio	Lower	Upper	
42	100		
72	43.5	38.7	58.1
71	46.8	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#30

Chloroform

Concen: 0.444 ug/l

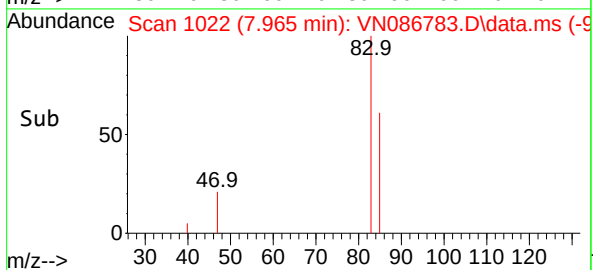
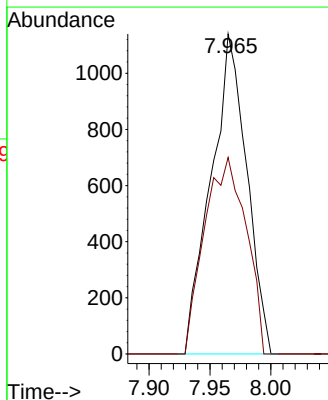
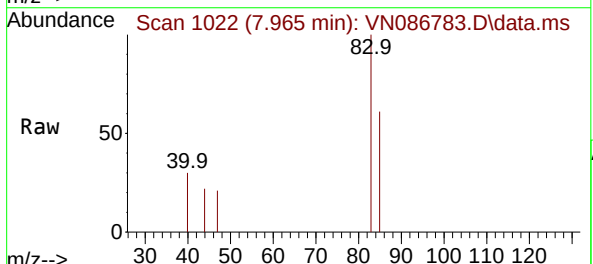
RT: 7.965 min Scan# 1022

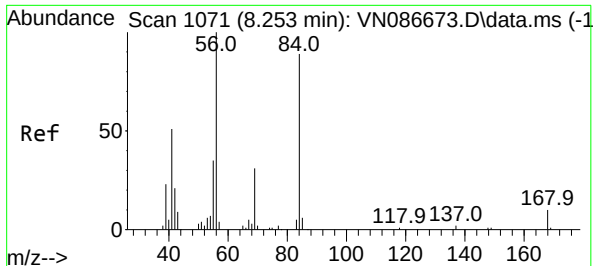
Delta R.T. 0.006 min

Lab File: VN086783.D

Acq: 27 May 2025 14:54

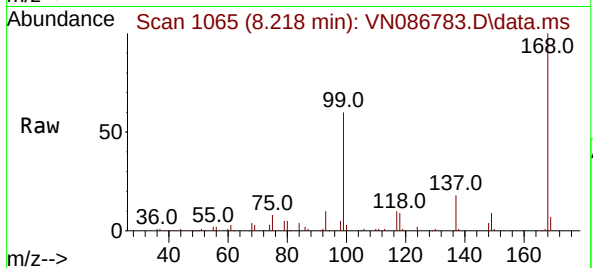
Tgt Ion:	83	Resp:	2328
Ion Ratio	Lower	Upper	
83	100		
85	61.4	50.2	75.4





#31
Cyclohexane
Concen: 1.262 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

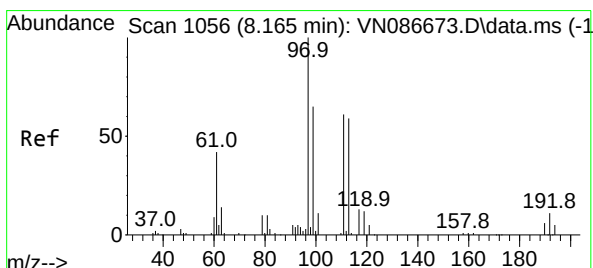
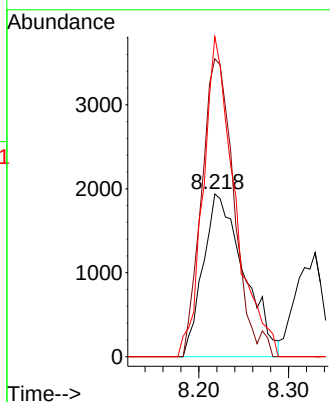
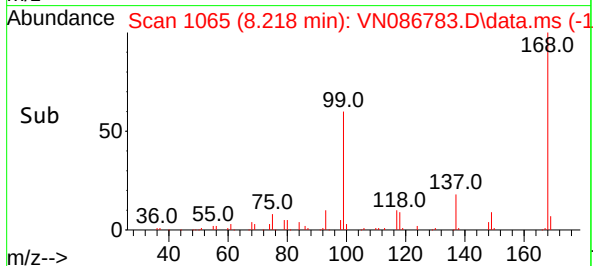
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



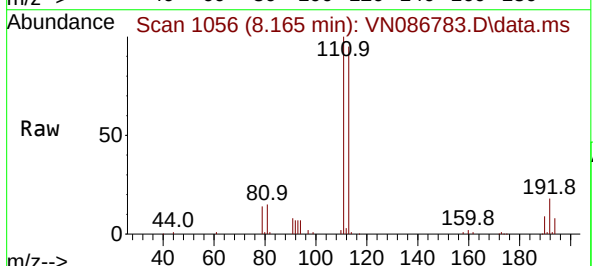
Tgt Ion: 56 Resp: 6130
Ion Ratio Lower Upper
56 100
69 183.0 25.0 37.6
84 196.5 71.0 106.4

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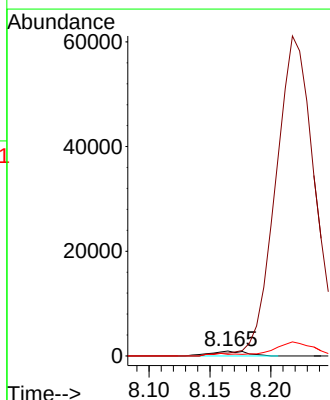
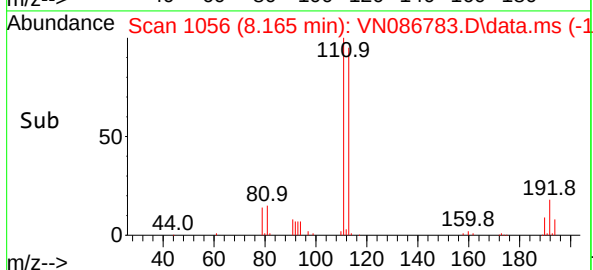
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

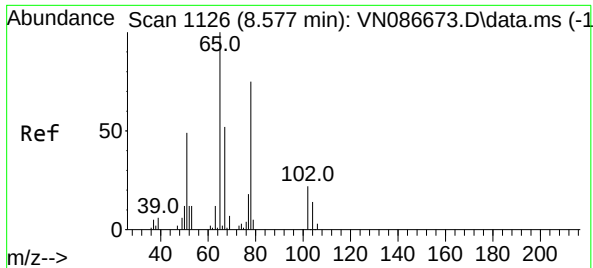


#32
1,1,1-Trichloroethane
Concen: 0.436 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



Tgt Ion: 97 Resp: 1928
Ion Ratio Lower Upper
97 100
99 0.0 52.6 79.0#
61 37.3 37.7 56.5#





#33

1,2-Dichloroethane-d4

Concen: 45.830 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086783.D

Acq: 27 May 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 65 Resp: 14848

Ion Ratio Lower Upper

65 100

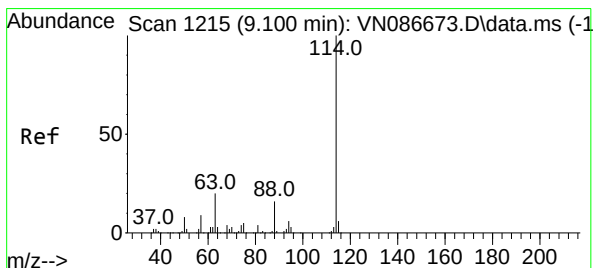
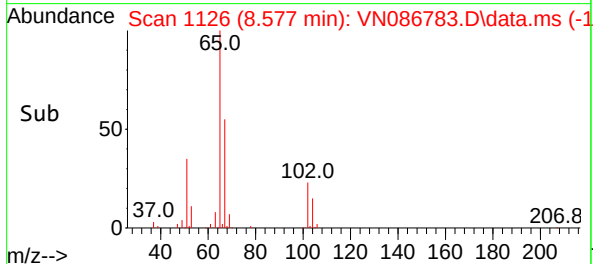
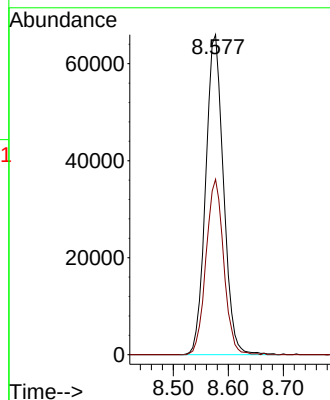
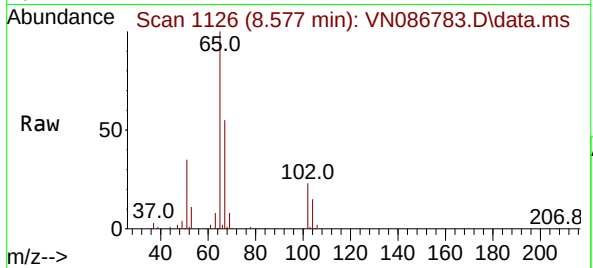
67 54.3 0.0 106.4

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: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086783.D

Acq: 27 May 2025 14:54

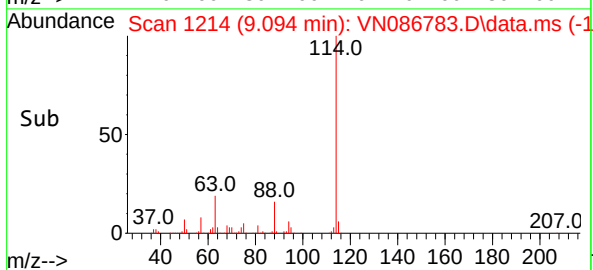
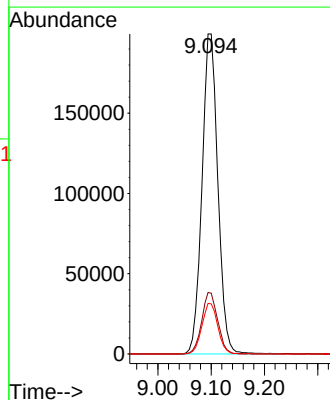
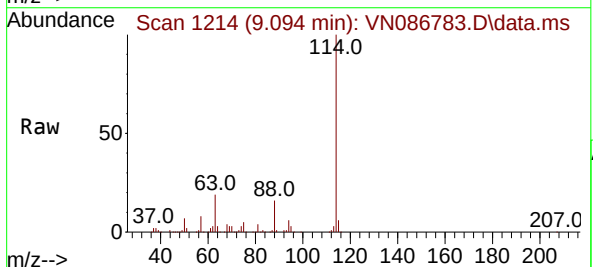
Tgt Ion:114 Resp: 411390

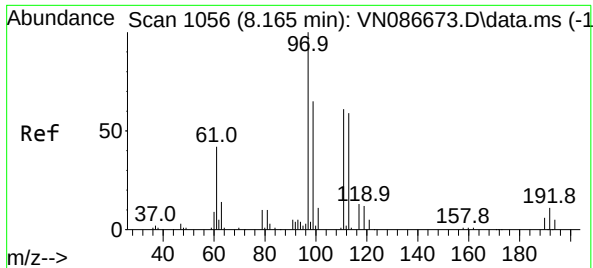
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.2

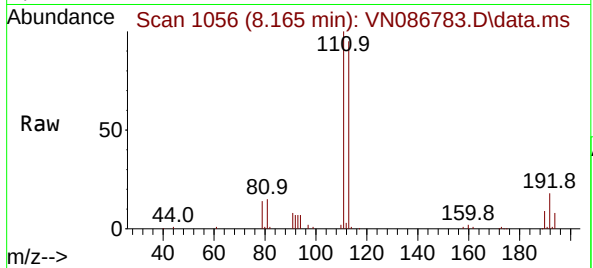
88 15.8 0.0 31.2





#35
Dibromofluoromethane
Concen: 49.212 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

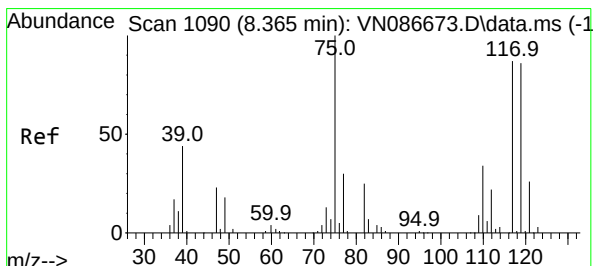
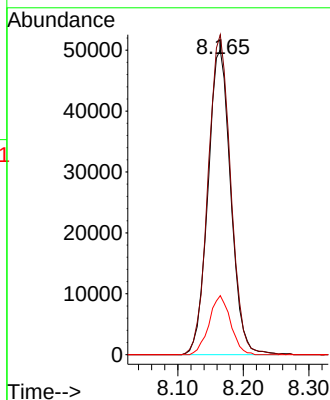
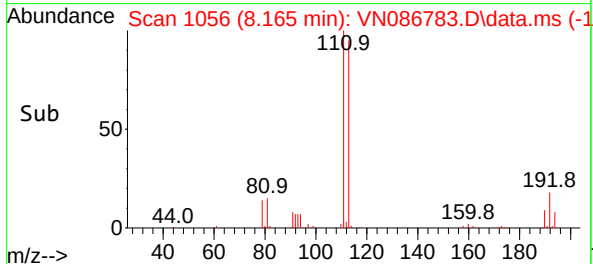
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 113 Resp: 120569
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 18.3 13.8 20.8

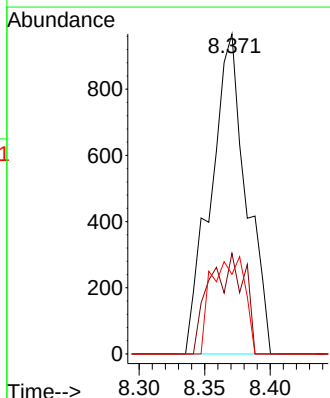
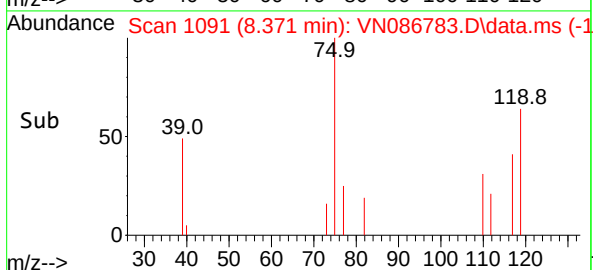
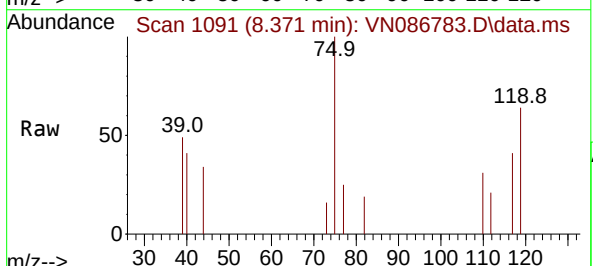
Manual Integrations
APPROVED

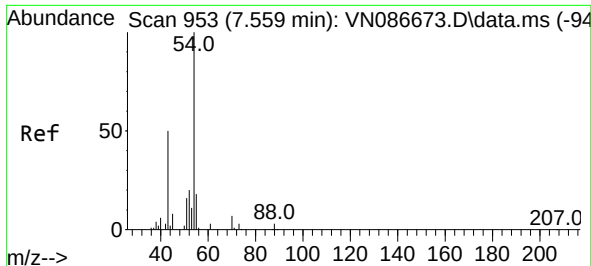
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#36
1,1-Dichloropropene
Concen: 0.502 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

Tgt Ion: 75 Resp: 1815
Ion Ratio Lower Upper
75 100
110 16.0 17.5 52.5#
77 28.3 25.1 37.7





#37

Ethyl Acetate

Concen: 0.471 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086783.D

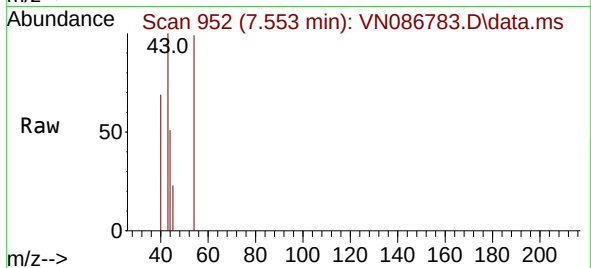
Acq: 27 May 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



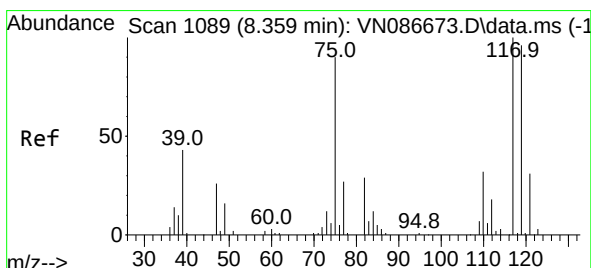
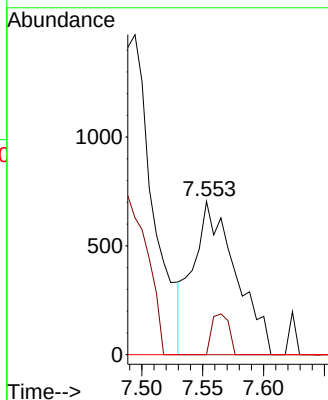
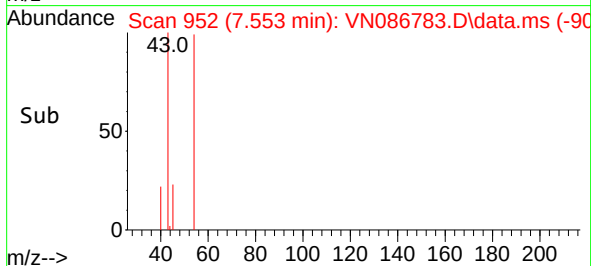
Tgt Ion:	43	Resp:	172
Ion	Ratio	Lower	Upper
43	100		
61	10.6	11.6	17.4
70	0.0	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#38

Carbon Tetrachloride

Concen: 0.456 ug/l

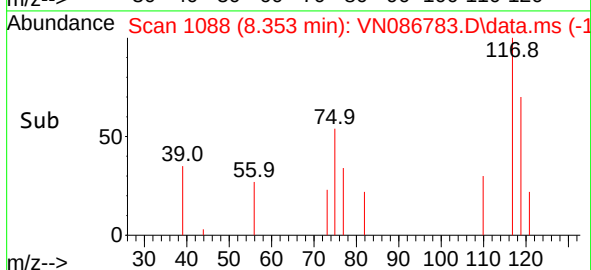
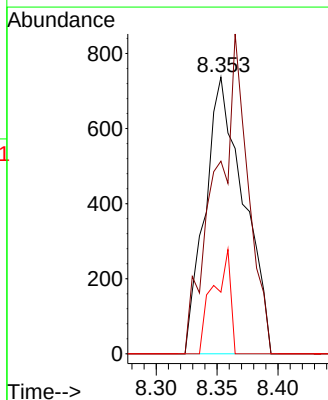
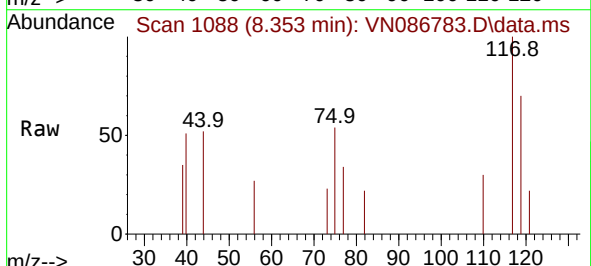
RT: 8.353 min Scan# 1088

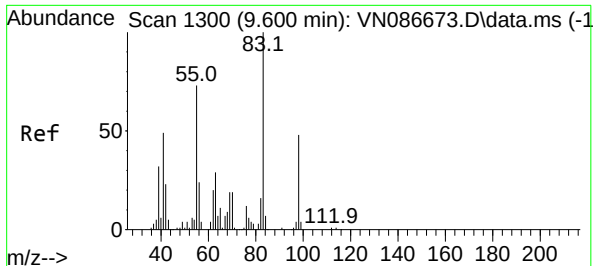
Delta R.T. -0.006 min

Lab File: VN086783.D

Acq: 27 May 2025 14:54

Tgt Ion:	117	Resp:	1624
Ion	Ratio	Lower	Upper
117	100		
119	69.6	77.0	115.6
121	22.3	25.0	37.6





#39

Methylcyclohexane

Concen: 0.461 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086783.D

Acq: 27 May 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

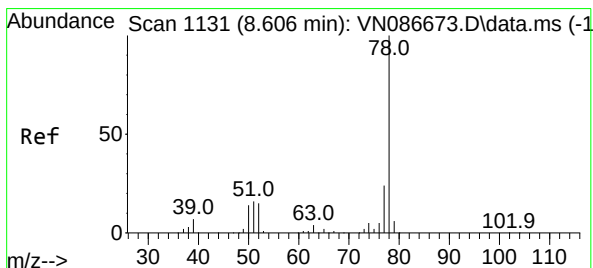
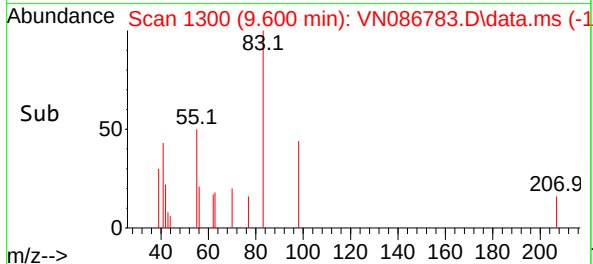
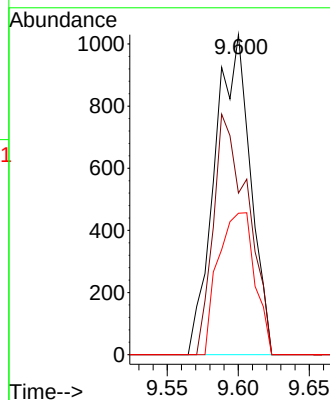
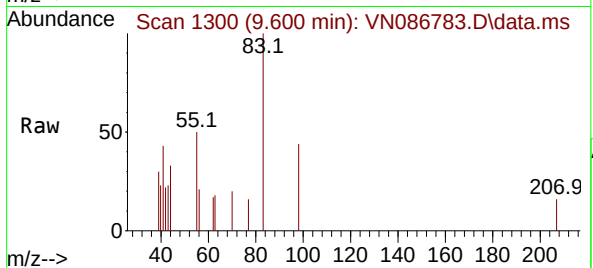
Tgt Ion:	83	Resp:	180
Ion Ratio	Lower	Upper	
83	100		
55	50.5	58.2	87.4
98	44.2	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#40

Benzene

Concen: 0.517 ug/l

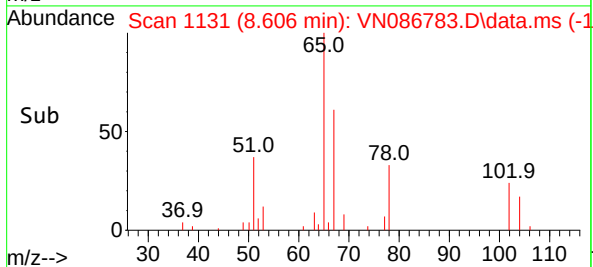
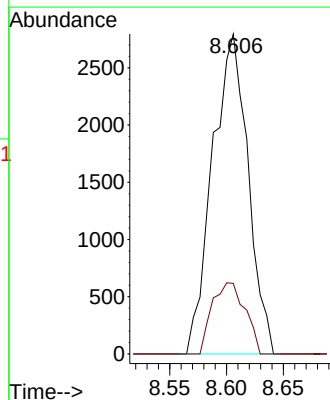
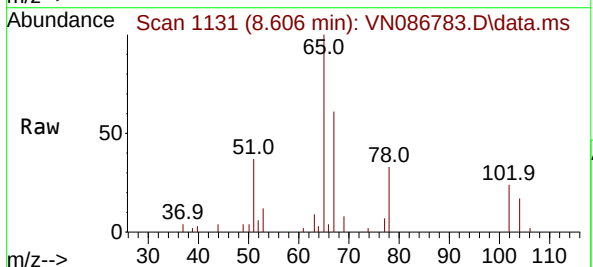
RT: 8.606 min Scan# 1131

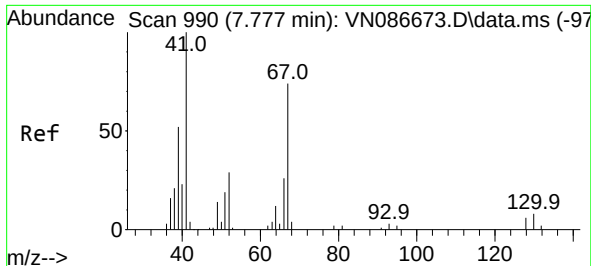
Delta R.T. -0.000 min

Lab File: VN086783.D

Acq: 27 May 2025 14:54

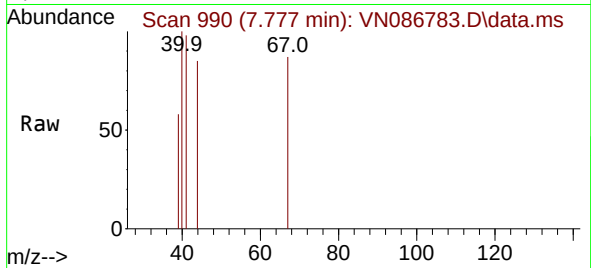
Tgt Ion:	78	Resp:	6090
Ion Ratio	Lower	Upper	
78	100		
77	22.1	19.1	28.7





#41
Methacrylonitrile
Concen: 0.382 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

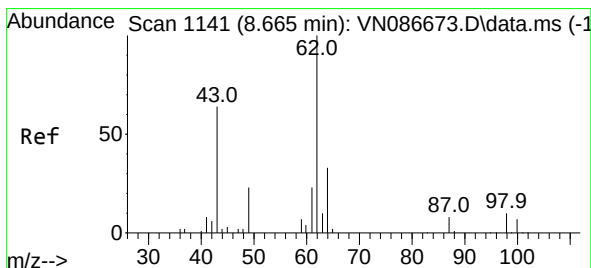
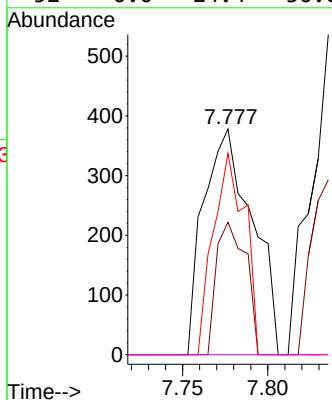
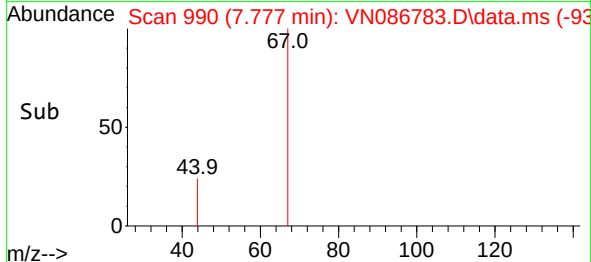
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion	Ratio	Lower	Upper
41	100		
39	35.4	44.9	67.3
67	58.0	63.4	95.0
52	0.0	24.4	36.6

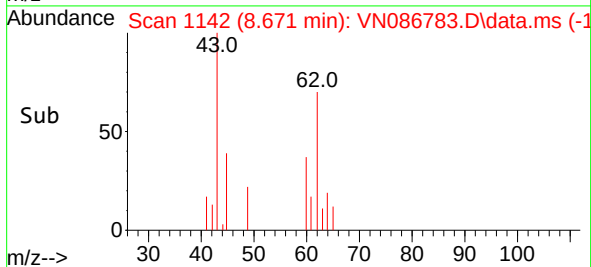
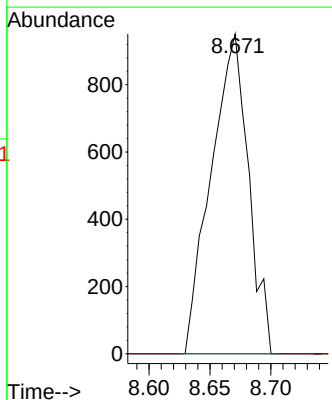
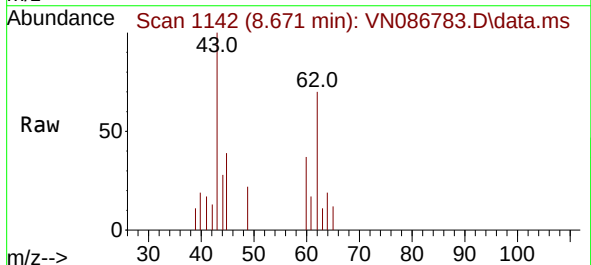
Manual Integrations
APPROVED

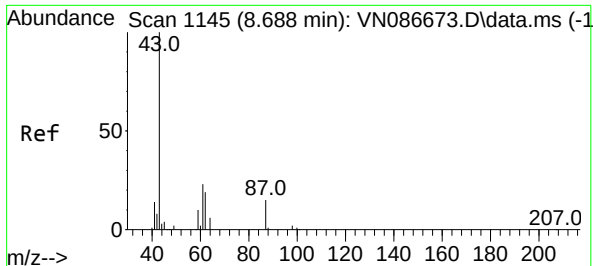
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#42
1,2-Dichloroethane
Concen: 0.552 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

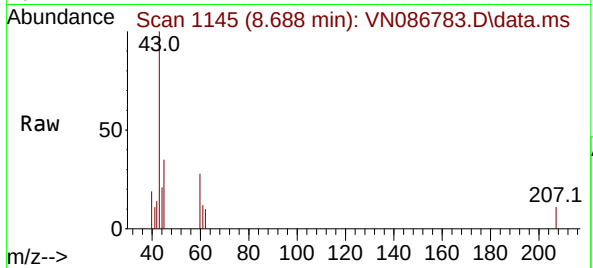
Tgt Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.2





#43
Isopropyl Acetate
Concen: 0.787 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

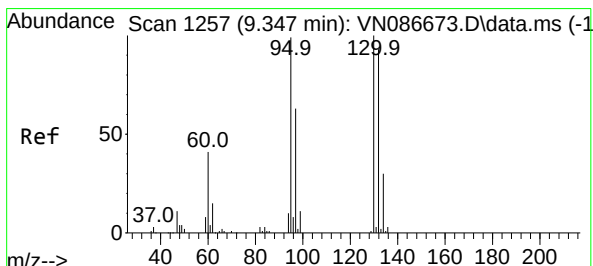
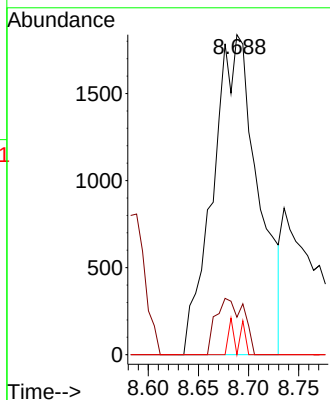
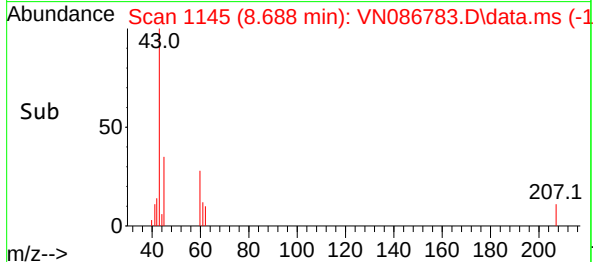
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
61 10.8 21.4 32.2
87 2.5 11.1 16.7

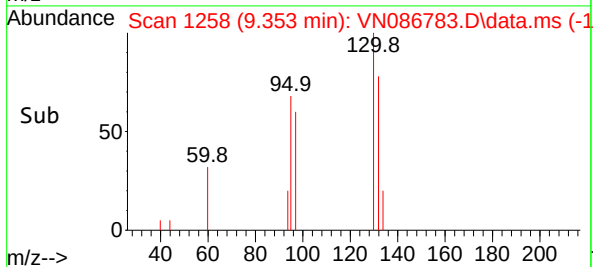
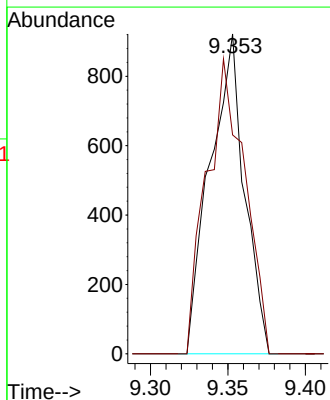
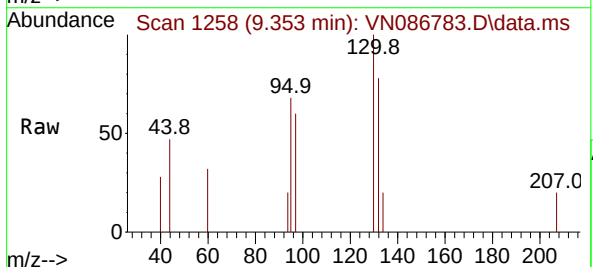
Manual Integrations
APPROVED

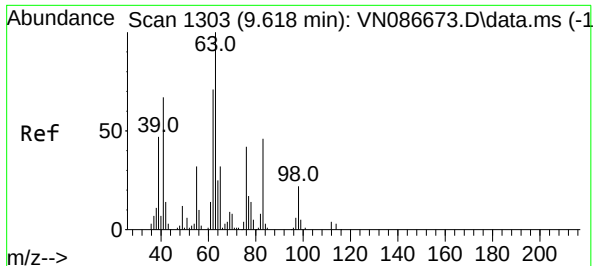
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#44
Trichloroethene
Concen: 0.499 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

Tgt Ion:130 Resp: 1419
Ion Ratio Lower Upper
130 100
95 68.4 0.0 197.0





#45

1,2-Dichloropropane

Concen: 0.462 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086783.D

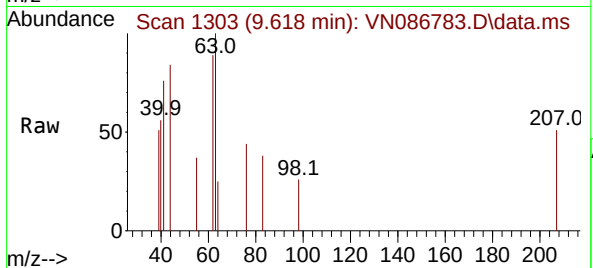
Acq: 27 May 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 63 Resp: 129

Ion Ratio Lower Upper

63 100

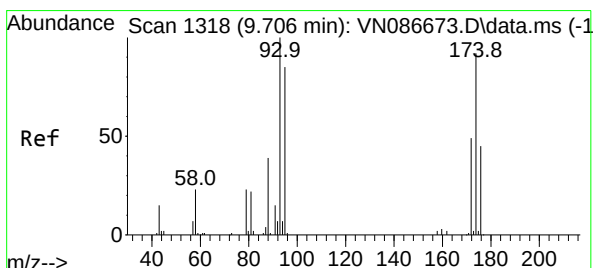
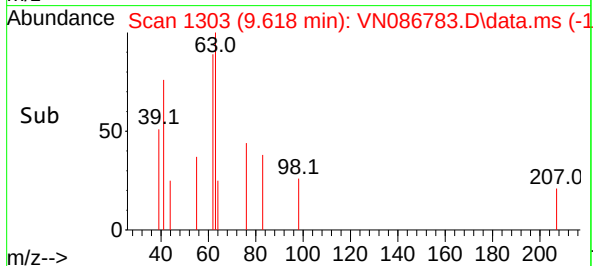
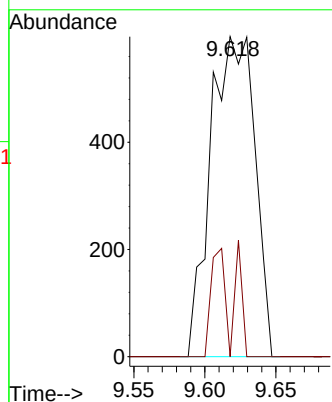
65 0.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#46

Dibromomethane

Concen: 0.475 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086783.D

Acq: 27 May 2025 14:54

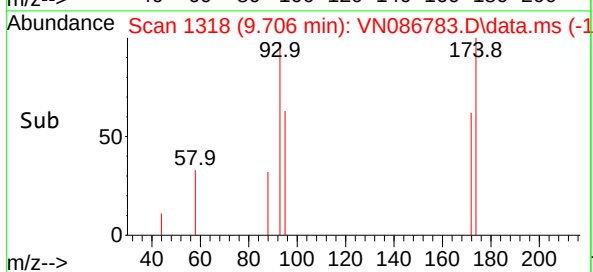
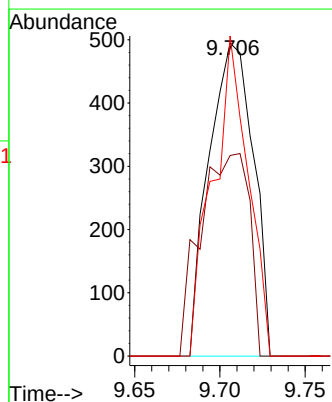
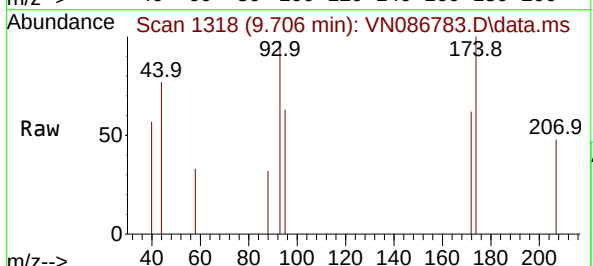
Tgt Ion: 93 Resp: 898

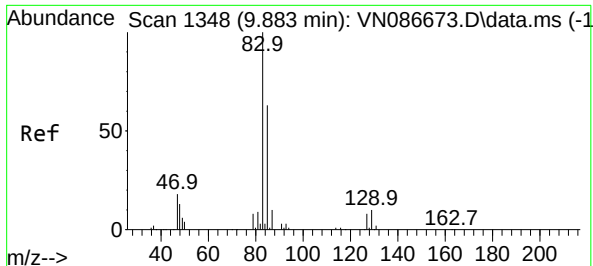
Ion Ratio Lower Upper

93 100

95 71.6 67.1 100.7

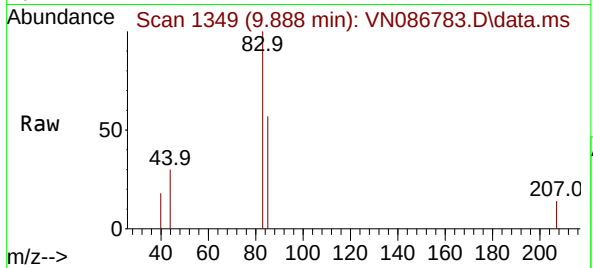
174 81.7 73.8 110.6





#47
Bromodichloromethane
Concen: 0.494 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

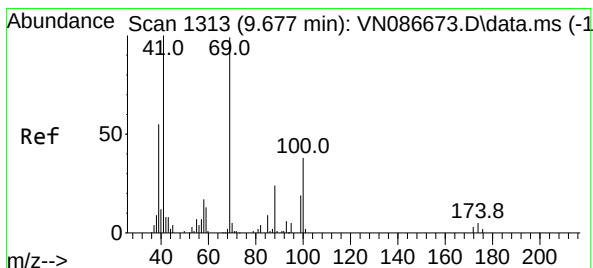
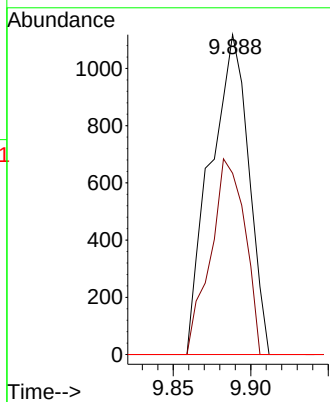
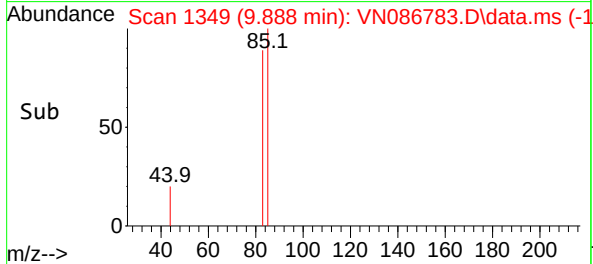
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 83 Resp: 192
Ion Ratio Lower Upper
83 100
85 56.7 50.1 75.1
127 0.0 6.2 9.4

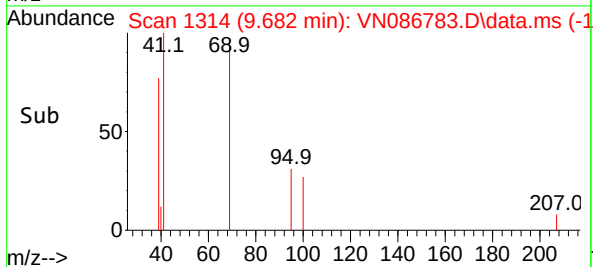
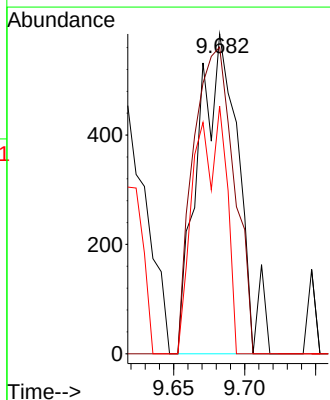
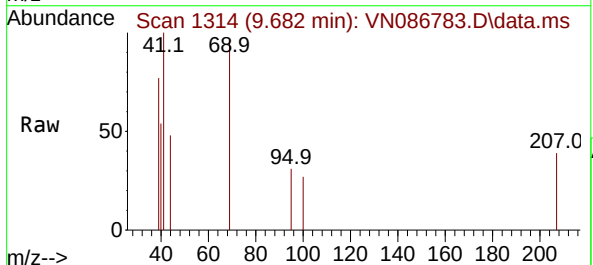
Manual Integrations
APPROVED

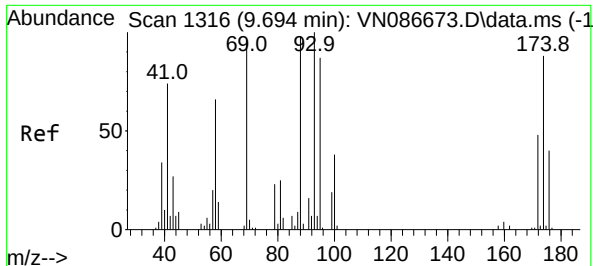
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#48
Methyl methacrylate
Concen: 0.412 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

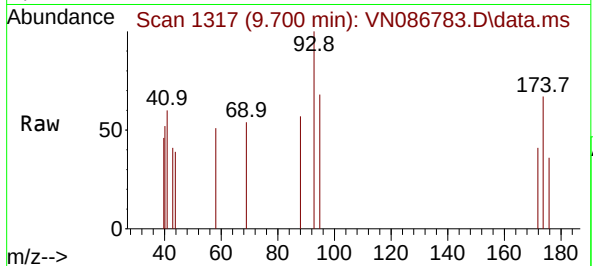
Tgt Ion: 41 Resp: 1169
Ion Ratio Lower Upper
41 100
69 95.8 74.1 111.1
39 60.3 44.1 66.1





#49
 1,4-Dioxane
 Concen: 4.713 ug/l
 RT: 9.700 min Scan# 1317
 Delta R.T. 0.006 min
 Lab File: VN086783.D
 Acq: 27 May 2025 14:54

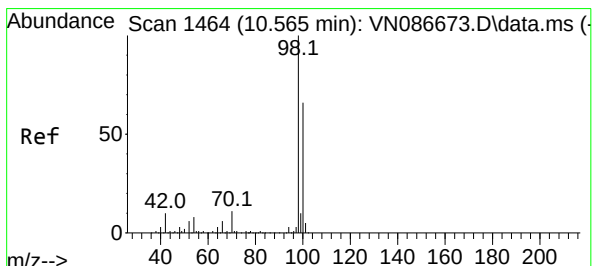
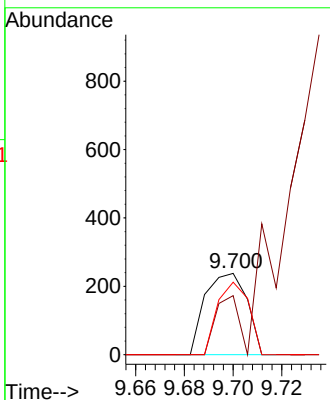
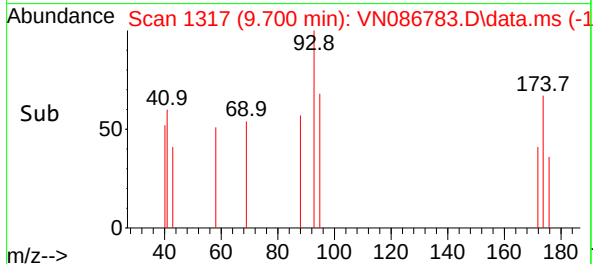
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 88 Resp: 283
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.6 35.4
 58 67.1 55.3 82.9

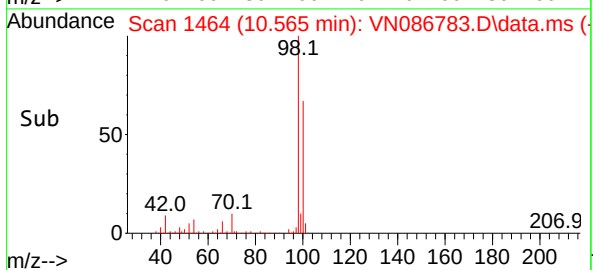
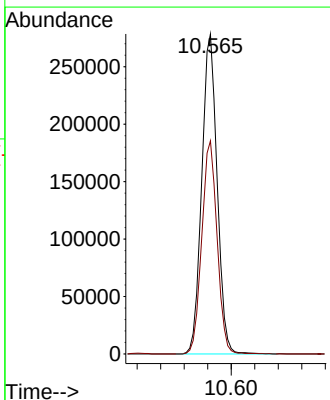
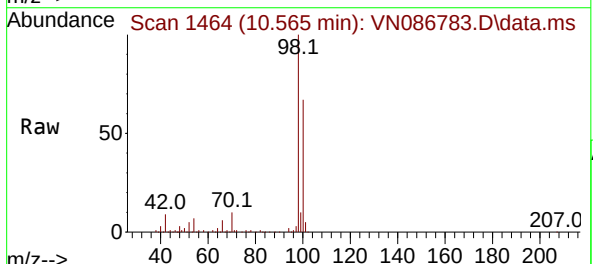
Manual Integrations
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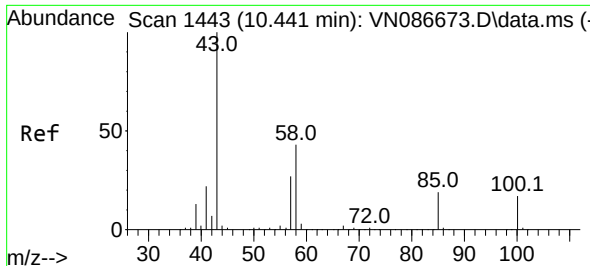
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#50
 Toluene-d8
 Concen: 49.639 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN086783.D
 Acq: 27 May 2025 14:54

Tgt Ion: 98 Resp: 503978
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.9 79.3





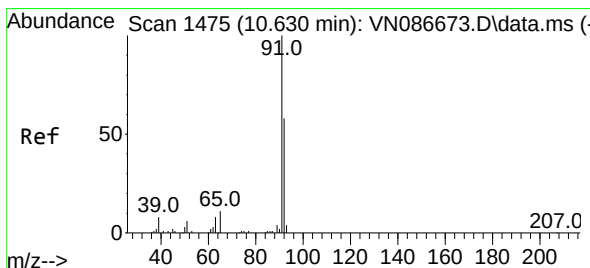
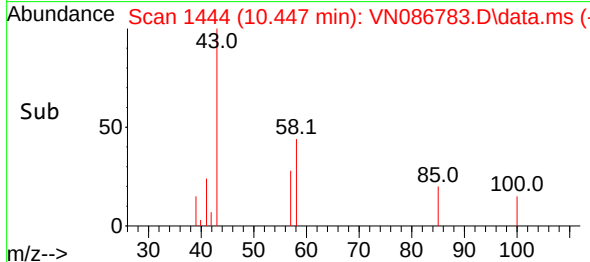
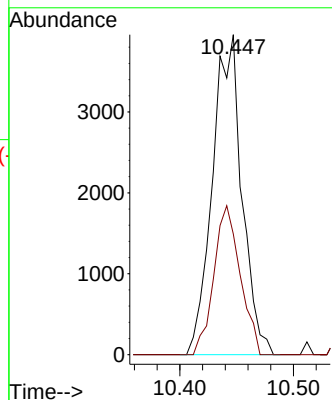
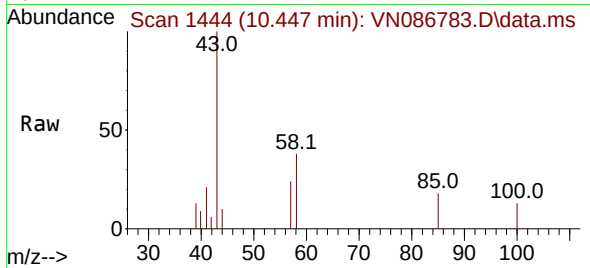
#51
4-Methyl-2-Pentanone
Concen: 1.928 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

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

Tgt Ion: 43 Resp: 7115
Ion Ratio Lower Upper
43 100
58 41.7 33.9 50.9

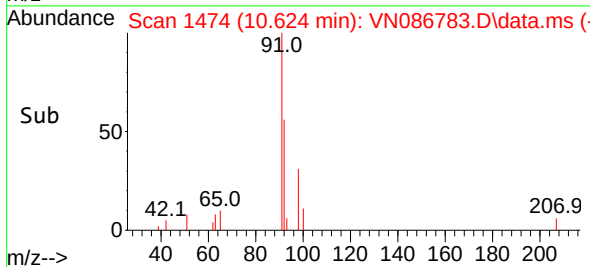
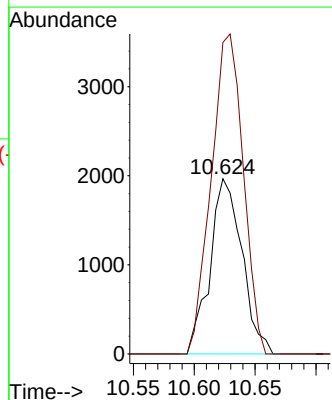
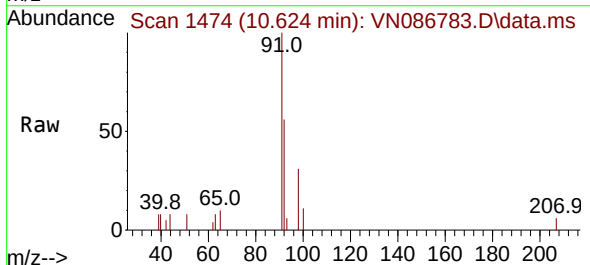
Manual Integrations
APPROVED

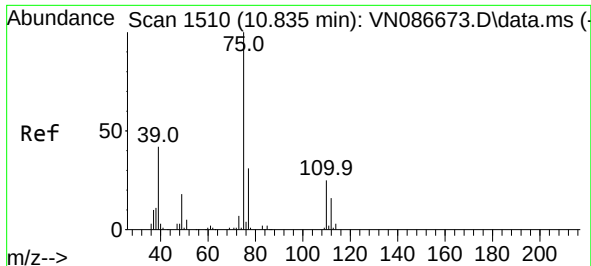
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#52
Toluene
Concen: 0.491 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

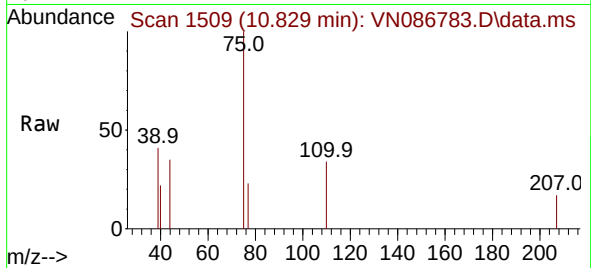
Tgt Ion: 92 Resp: 3600
Ion Ratio Lower Upper
92 100
91 182.9 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 0.455 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

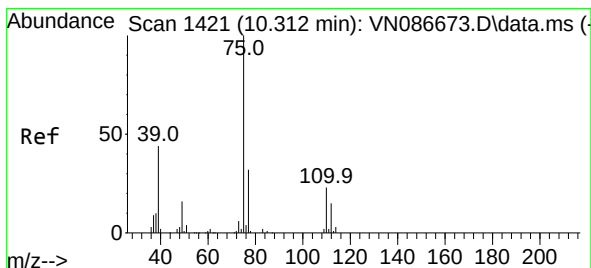
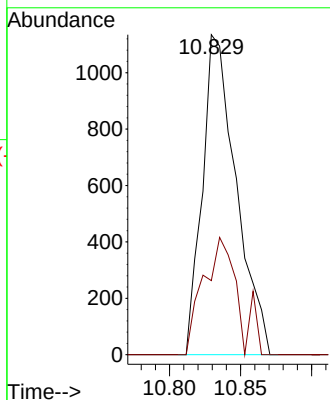
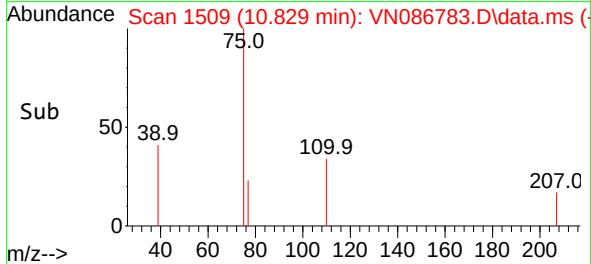
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



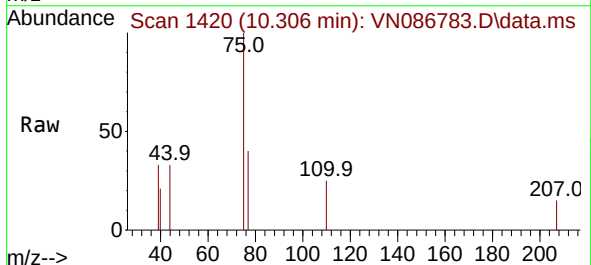
Tgt Ion: 75 Resp: 1870
Ion Ratio Lower Upper
75 100
77 23.2 25.2 37.8

Manual Integrations
APPROVED

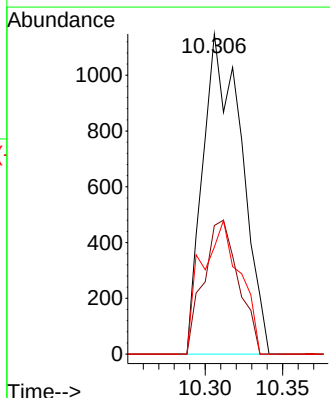
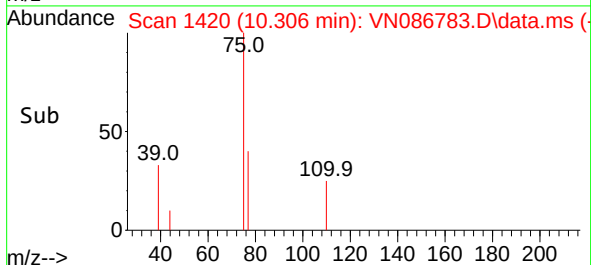
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

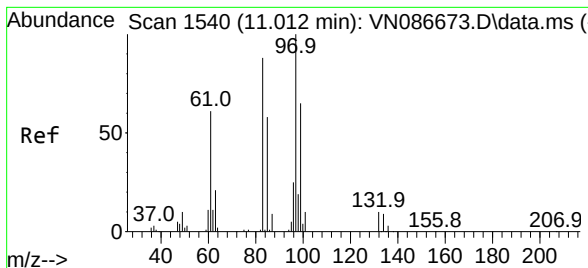


#54
cis-1,3-Dichloropropene
Concen: 0.441 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



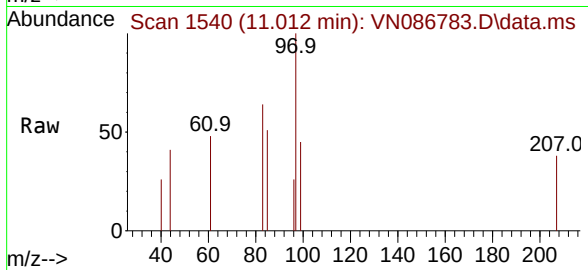
Tgt Ion: 75 Resp: 1983
Ion Ratio Lower Upper
75 100
77 40.2 25.3 37.9#
39 33.4 35.2 52.8#





#55
1,1,2-Trichloroethane
Concen: 0.458 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

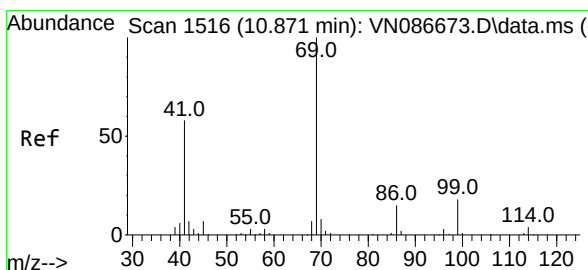
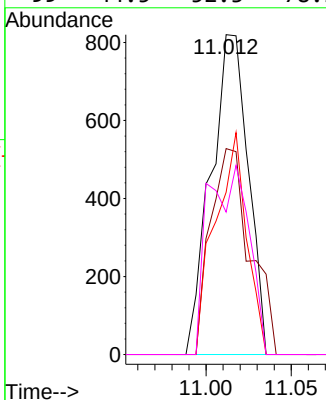
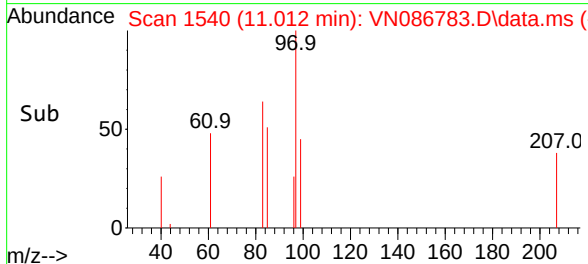
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion	Ratio	Lower	Upper
97	100		
83	64.4	70.4	105.6
85	50.7	46.1	69.1
99	44.5	52.3	78.5

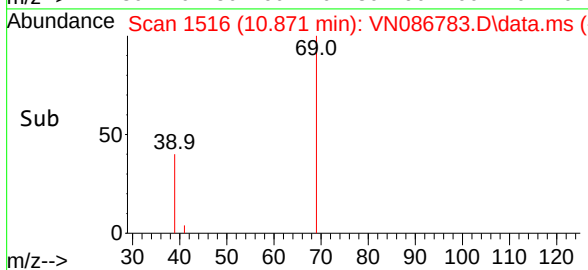
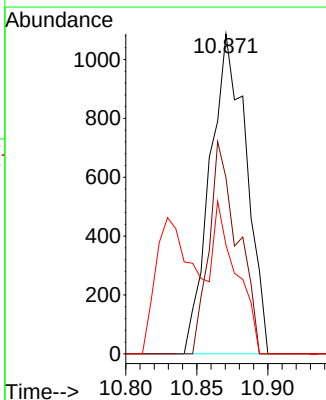
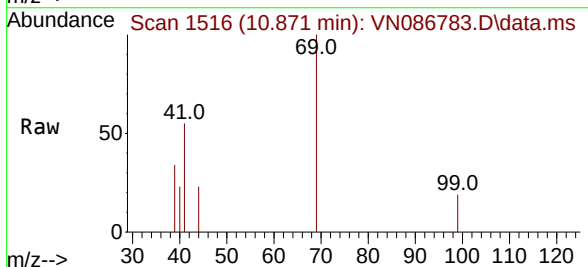
Manual Integrations
APPROVED

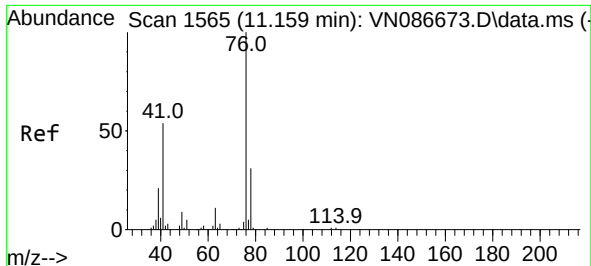
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#56
Ethyl methacrylate
Concen: 0.439 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.5	47.4	71.0
39	29.1	24.0	36.0





#57

1,3-Dichloropropane

Concen: 0.440 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086783.D

Acq: 27 May 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 207

Ion Ratio Lower Upper

76 100

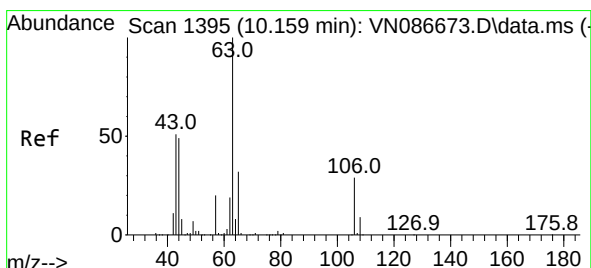
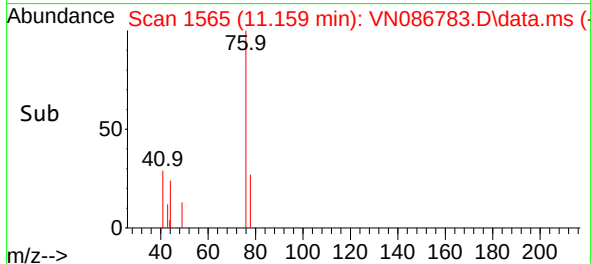
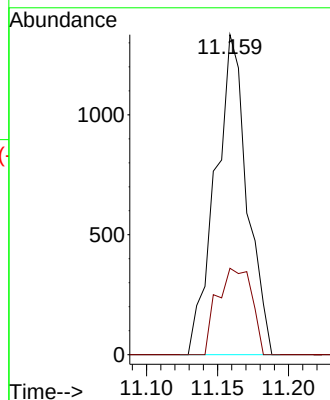
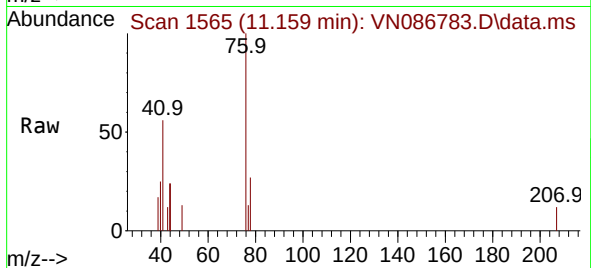
78 29.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 1.996 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086783.D

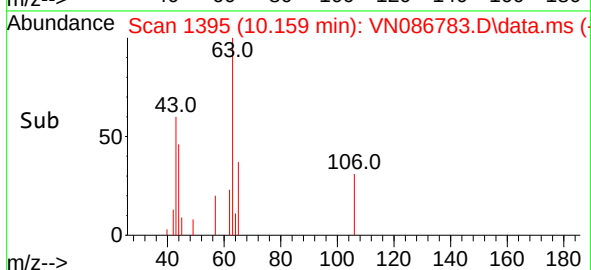
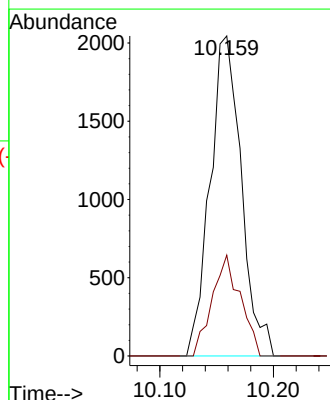
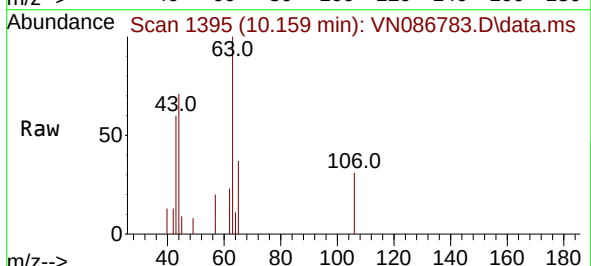
Acq: 27 May 2025 14:54

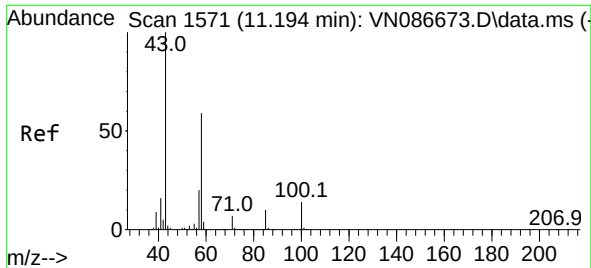
Tgt Ion: 63 Resp: 3915

Ion Ratio Lower Upper

63 100

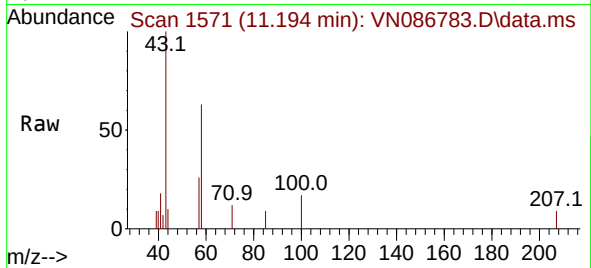
106 28.5 23.1 34.7





#59
2-Hexanone
Concen: 1.886 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

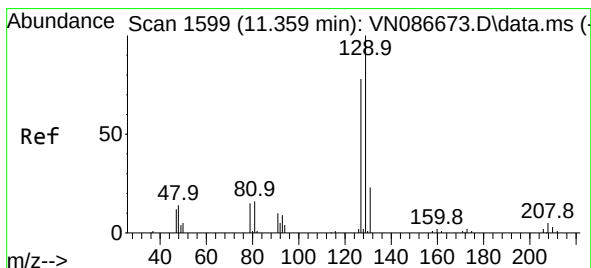
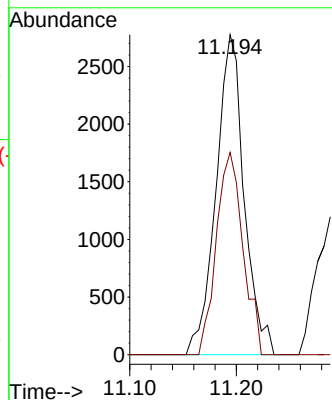
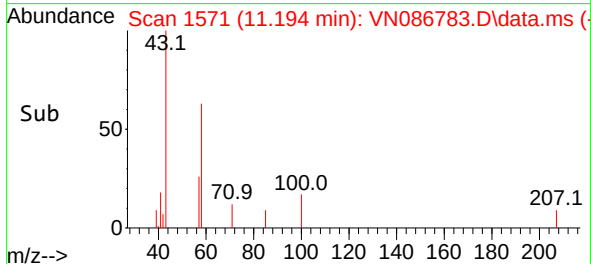
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 43 Resp: 5084
Ion Ratio Lower Upper
43 100
58 59.8 29.8 89.5

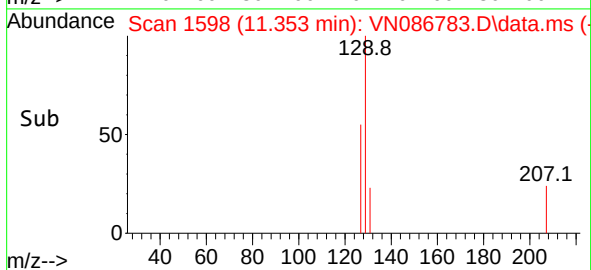
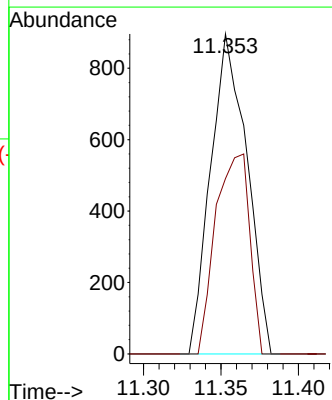
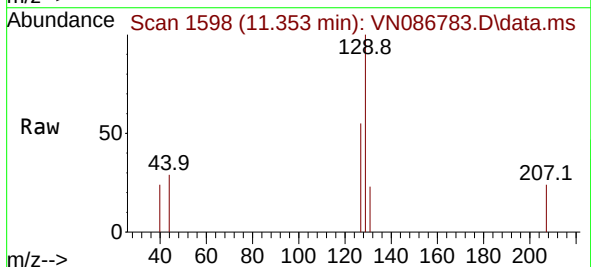
Manual Integrations
APPROVED

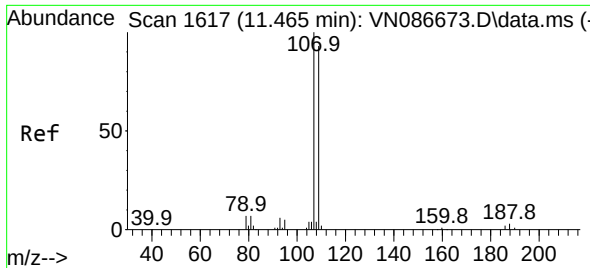
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#60
Dibromochloromethane
Concen: 0.508 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

Tgt Ion:129 Resp: 1455
Ion Ratio Lower Upper
129 100
127 58.6 39.5 118.3





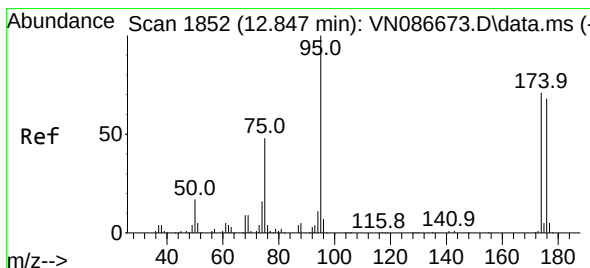
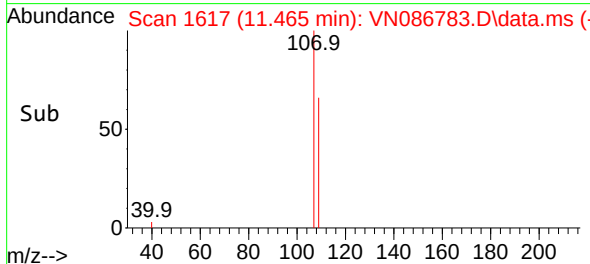
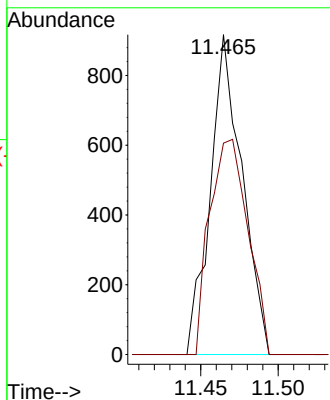
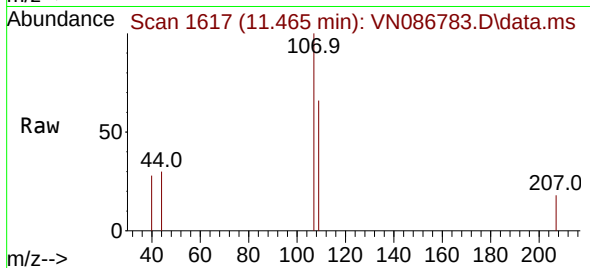
#61
1,2-Dibromoethane
Concen: 0.475 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

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

Tgt Ion:107 Resp: 1304
Ion Ratio Lower Upper
107 100
109 81.7 75.0 112.4

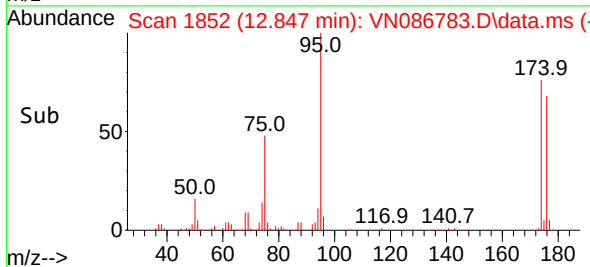
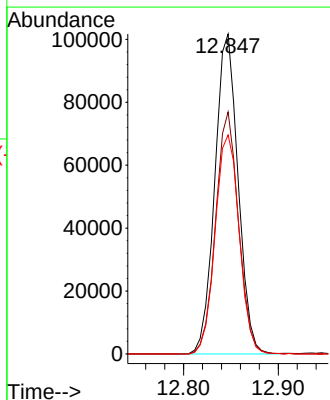
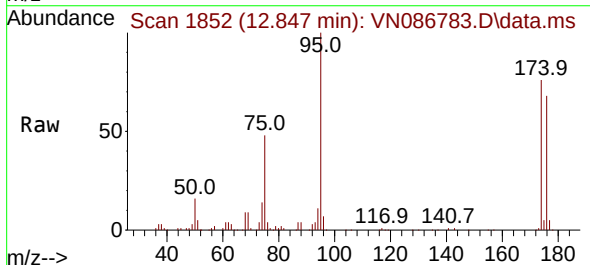
Manual Integrations
APPROVED

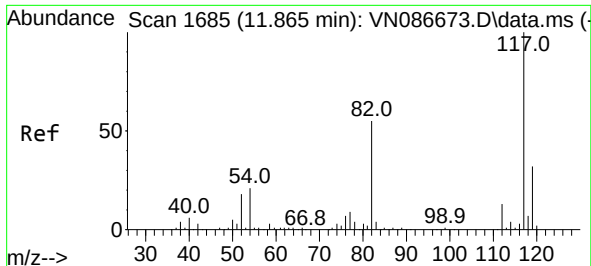
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#62
4-Bromofluorobenzene
Concen: 48.383 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

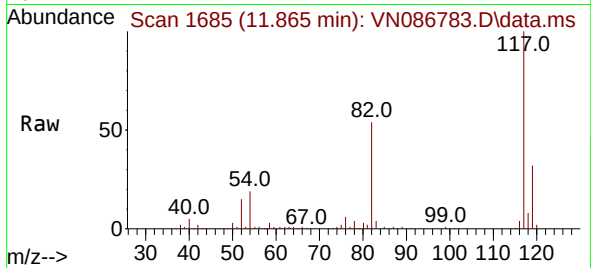
Tgt Ion: 95 Resp: 173451
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.4
176 70.6 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

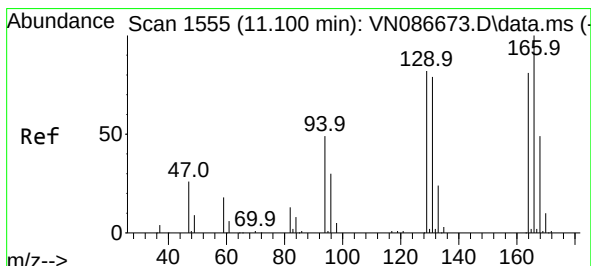
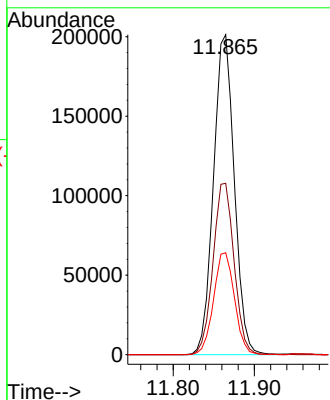
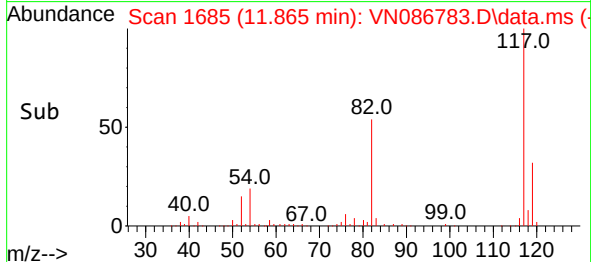
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



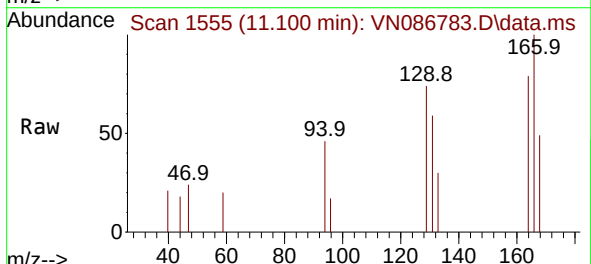
Tgt Ion:117 Resp: 359499
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 31.8 25.4 38.2

Manual Integrations
APPROVED

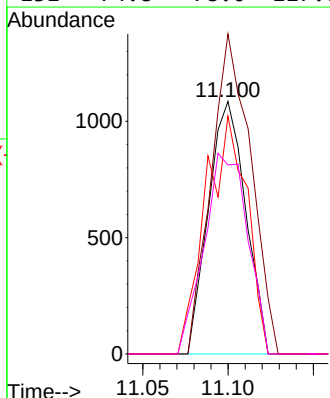
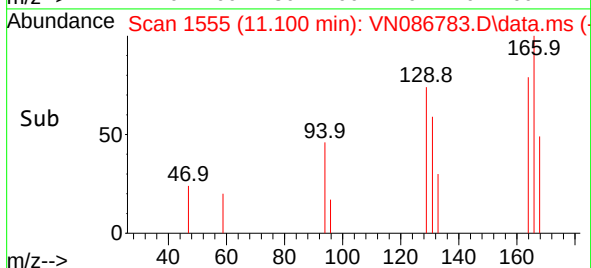
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

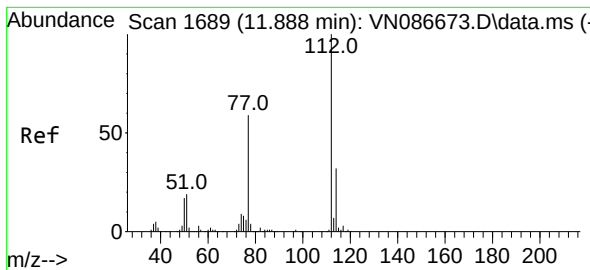


#64
Tetrachloroethene
Concen: 0.598 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



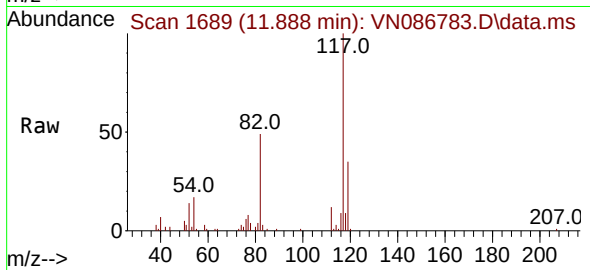
Tgt Ion:164 Resp: 1646
Ion Ratio Lower Upper
164 100
166 126.7 98.2 147.4
129 94.2 81.0 121.4
131 74.8 78.0 117.0#





#65
Chlorobenzene
Concen: 0.491 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

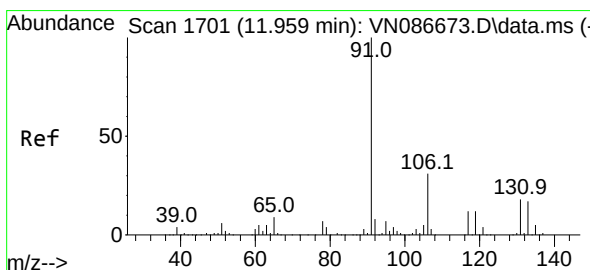
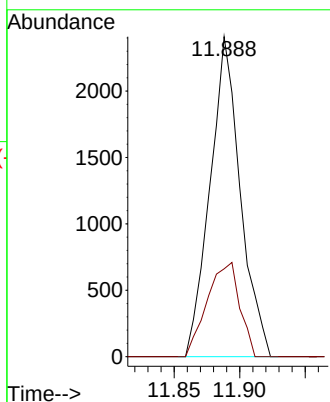
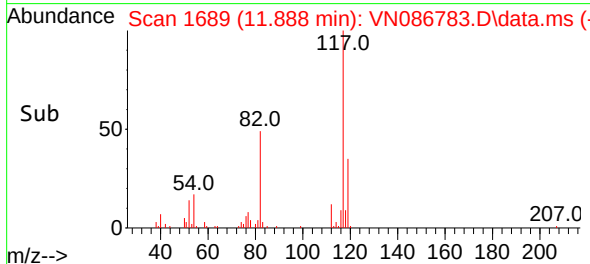
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



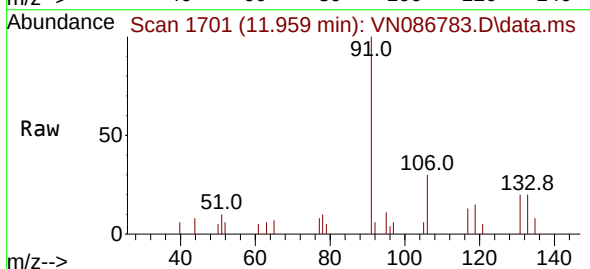
Tgt Ion:112 Resp: 386
Ion Ratio Lower Upper
112 100
114 27.4 25.9 38.9

Manual Integrations
APPROVED

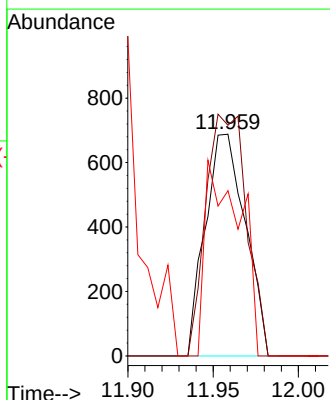
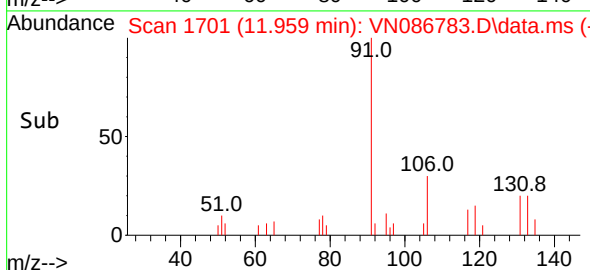
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

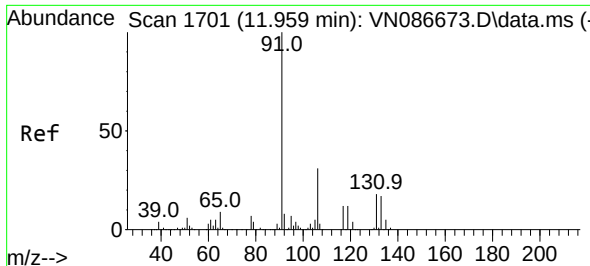


#66
1,1,1,2-Tetrachloroethane
Concen: 0.444 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



Tgt Ion:131 Resp: 1131
Ion Ratio Lower Upper
131 100
133 110.6 47.9 143.7
119 0.0 33.6 100.8#





#67

Ethyl Benzene

Concen: 0.476 ug/l

RT: 11.965 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VN086783.D

Acq: 27 May 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 642

Ion Ratio Lower Upper

91 100

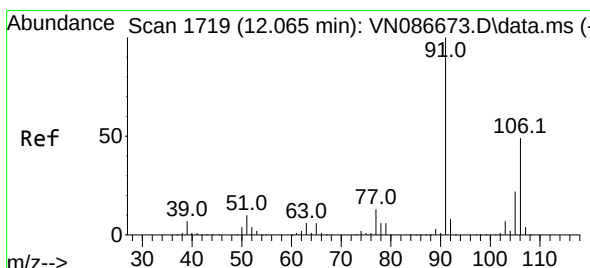
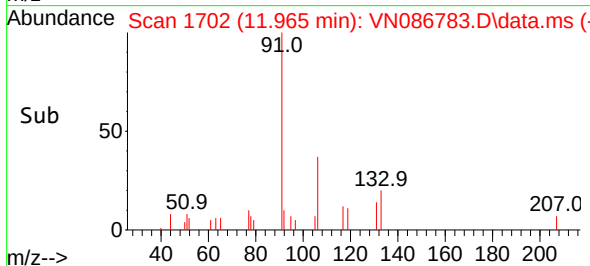
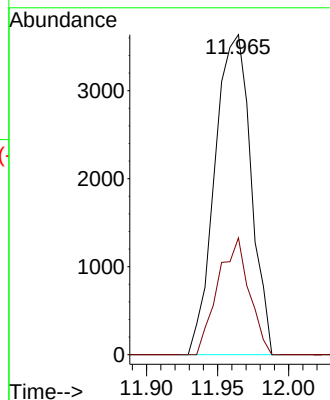
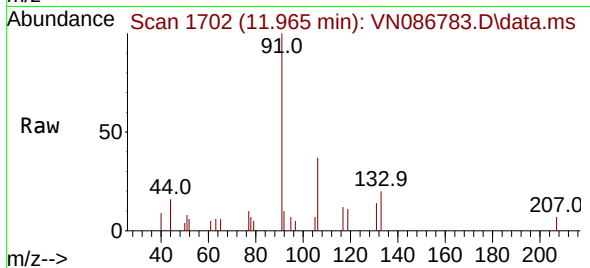
106 36.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/29/2025

Supervised By :Mahesh Dadoda 05/29/2025



#68

m/p-Xylenes

Concen: 0.911 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN086783.D

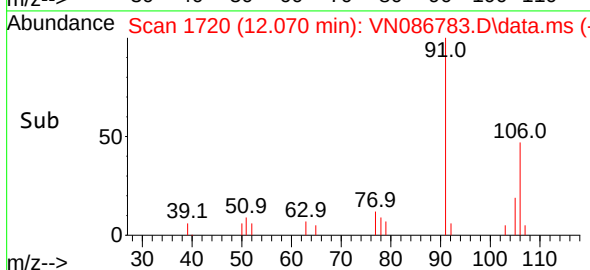
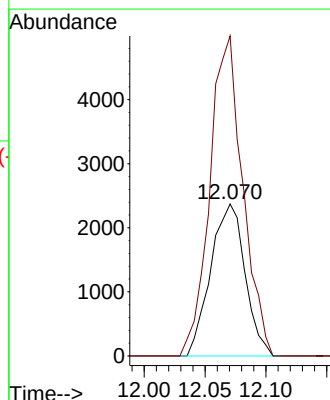
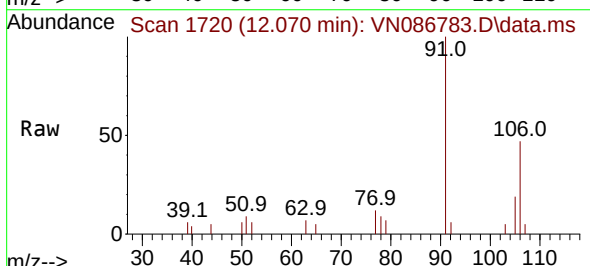
Acq: 27 May 2025 14:54

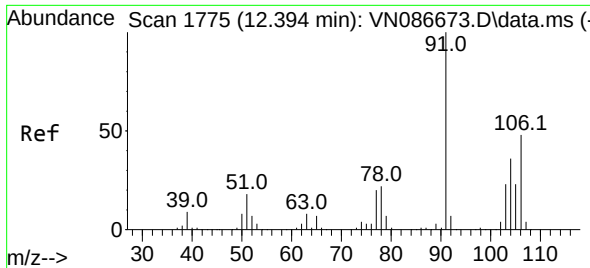
Tgt Ion:106 Resp: 4657

Ion Ratio Lower Upper

106 100

91 202.0 162.4 243.6





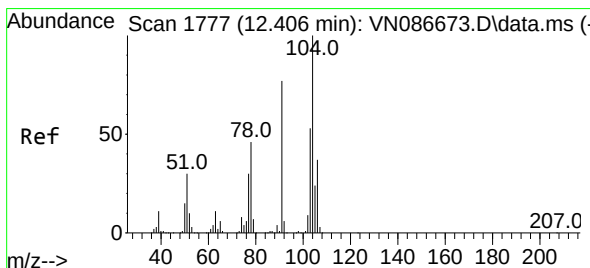
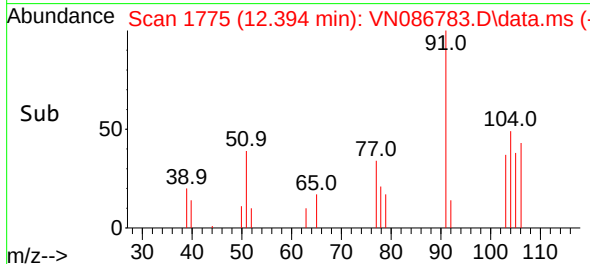
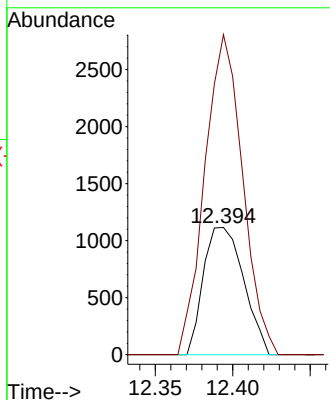
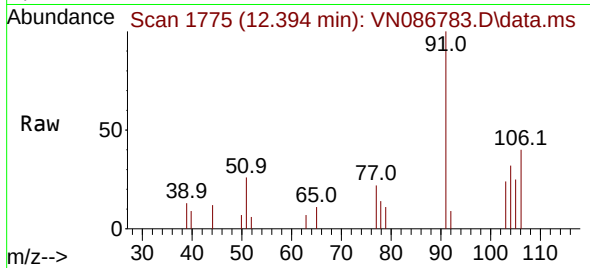
#69
o-Xylene
Concen: 0.396 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

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

Tgt Ion:106 Resp: 201
Ion Ratio Lower Upper
106 100
91 237.2 105.1 315.1

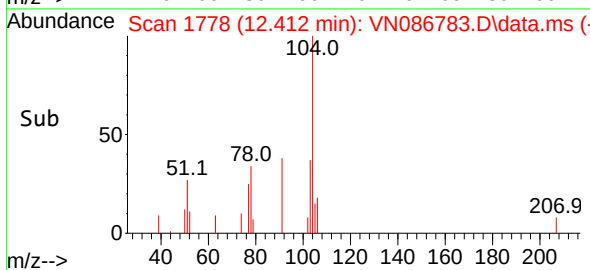
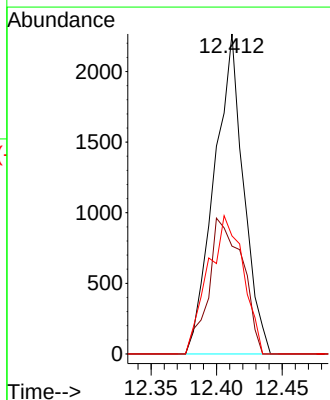
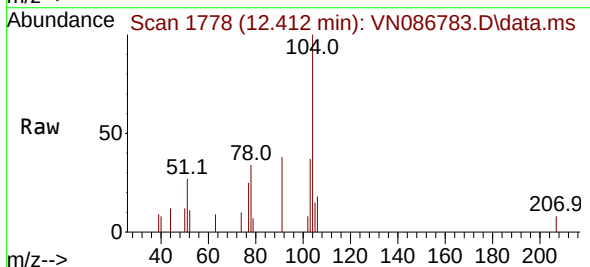
Manual Integrations
APPROVED

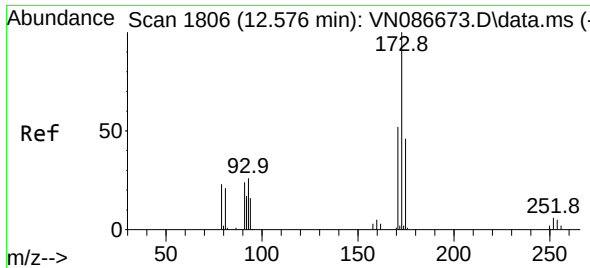
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#70
Styrene
Concen: 0.424 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

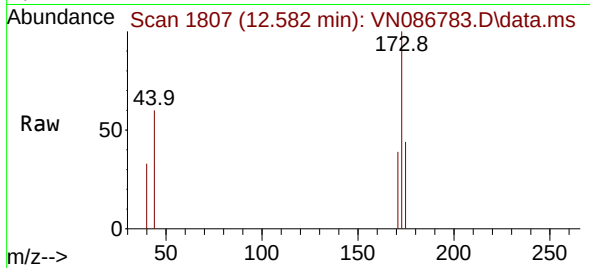
Tgt Ion:104 Resp: 3533
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 51.9 43.8 65.8





#71
Bromoform
Concen: 0.502 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

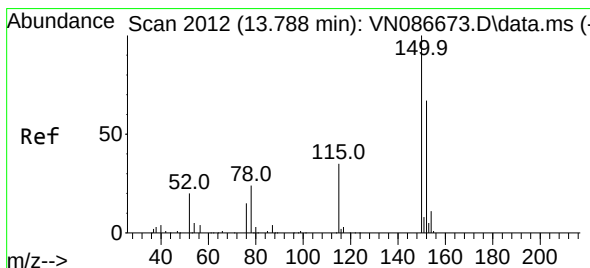
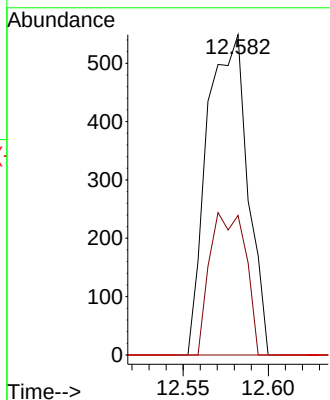
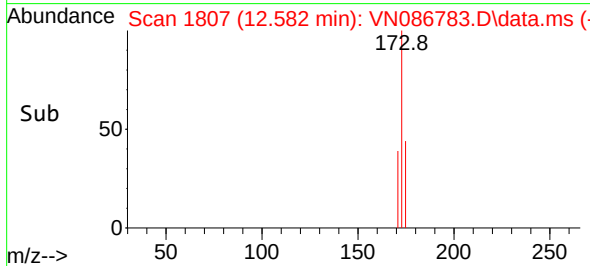
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



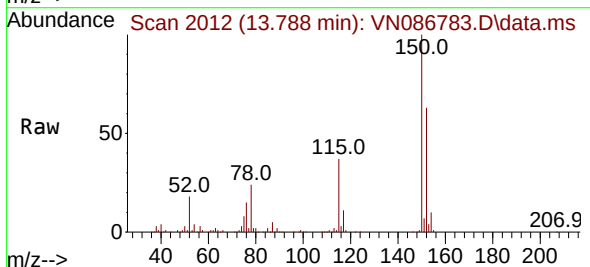
Tgt Ion:173 Resp: 908
Ion Ratio Lower Upper
173 100
175 39.1 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

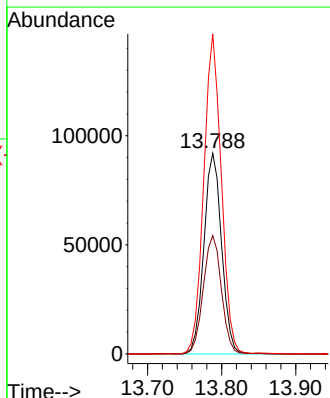
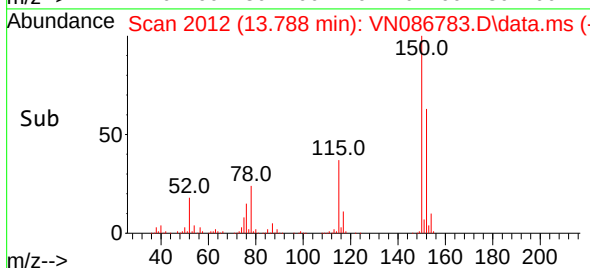
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

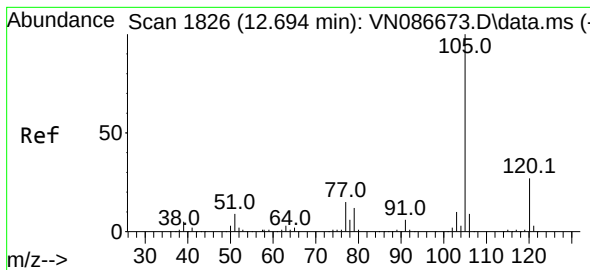


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



Tgt Ion:152 Resp: 152533
Ion Ratio Lower Upper
152 100
115 60.3 30.0 90.1
150 158.4 0.0 347.8





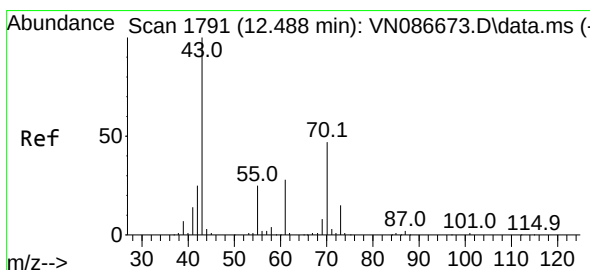
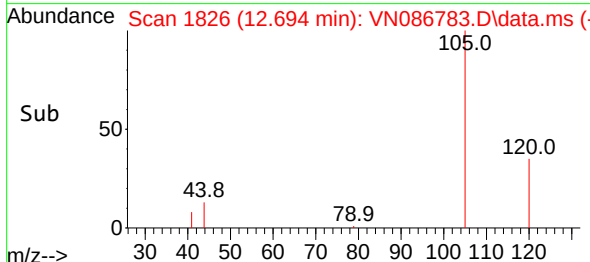
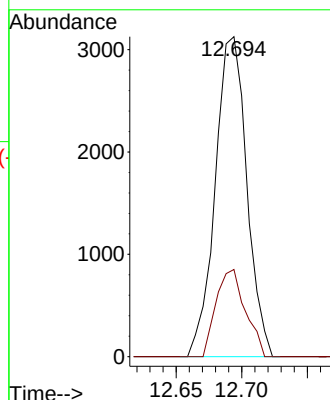
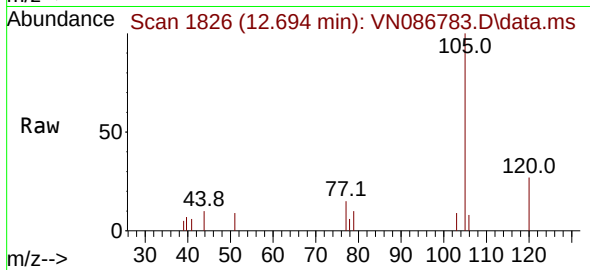
#73
Isopropylbenzene
Concen: 0.444 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

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

Tgt Ion:105 Resp: 5234
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1

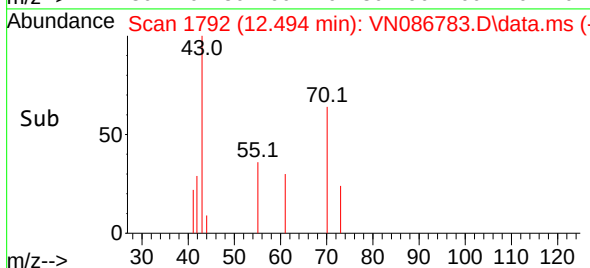
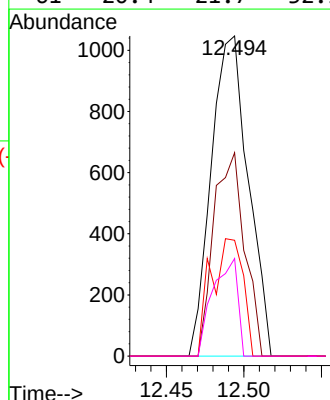
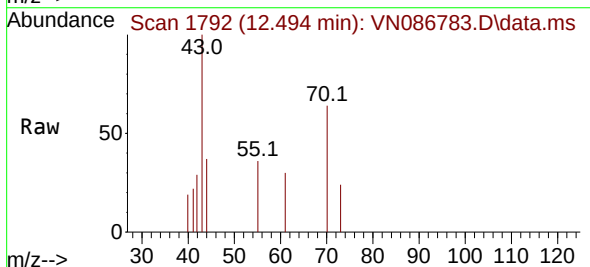
Manual Integrations
APPROVED

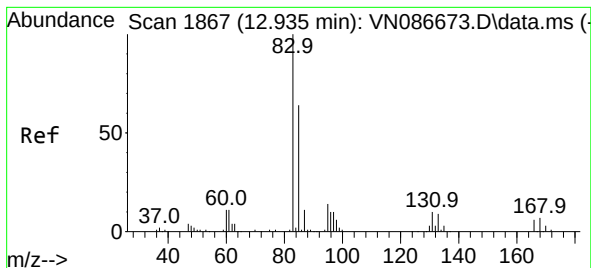
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#74
N-ethyl acetate
Concen: 0.353 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

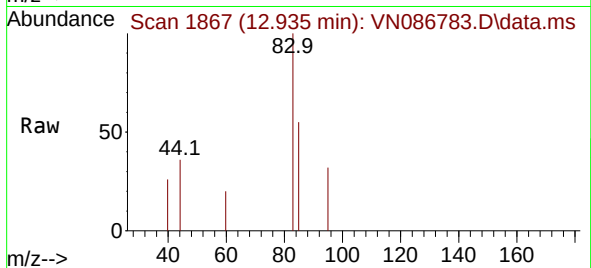
Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
70 52.9 37.9 56.9
55 31.4 20.5 30.7#
61 20.4 21.7 32.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.431 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

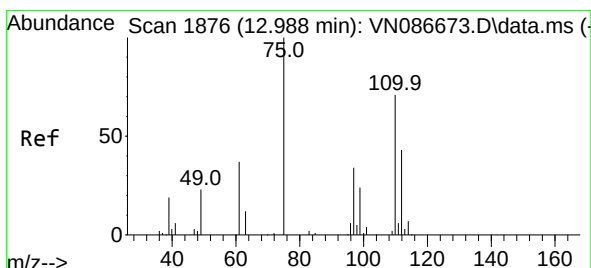
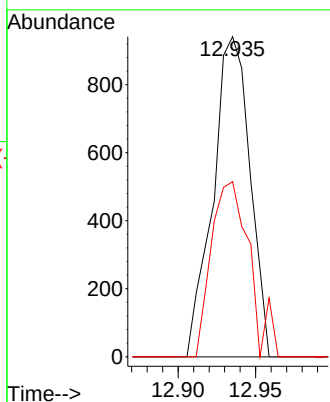
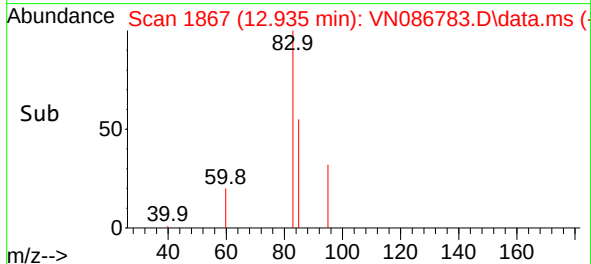
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 83 Resp: 1560
Ion Ratio Lower Upper
83 100
131 0.0 5.0 15.0
85 56.3 32.4 97.2

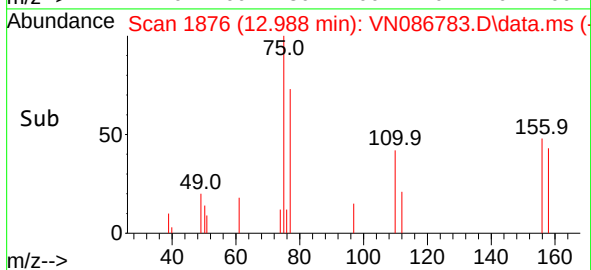
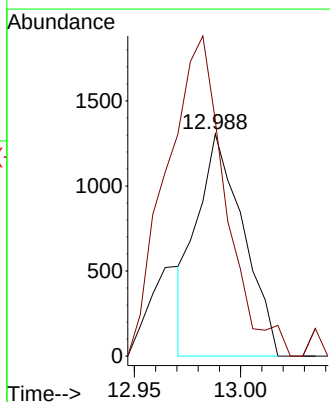
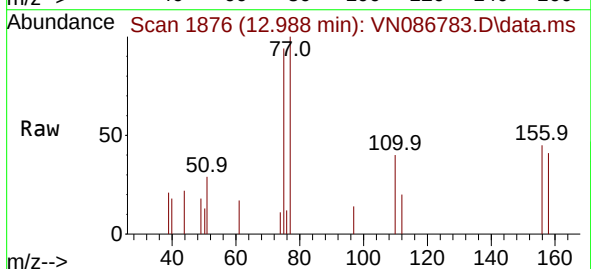
Manual Integrations
APPROVED

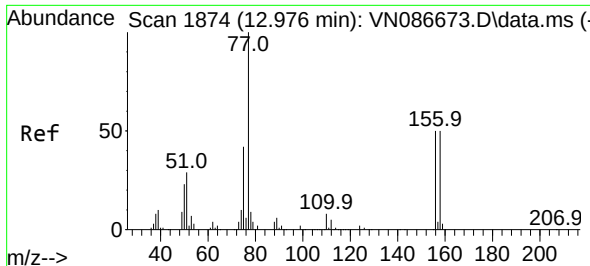
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#76
1,2,3-Trichloropropane
Concen: 0.573 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

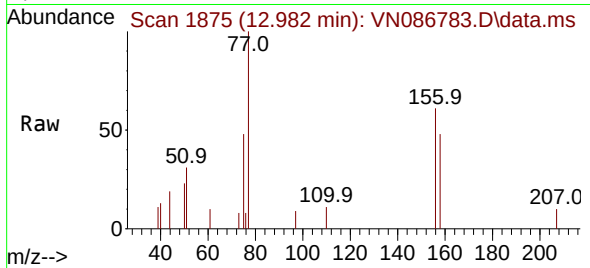
Tgt Ion: 75 Resp: 1978
Ion Ratio Lower Upper
75 100
77 183.0 96.0 288.1





#77
Bromobenzene
Concen: 0.539 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

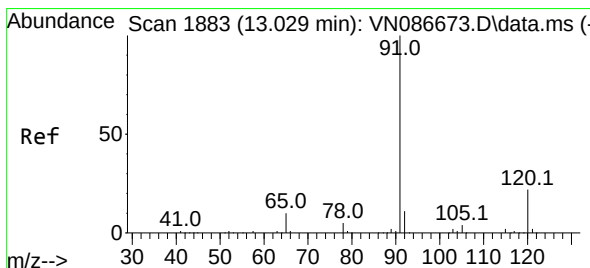
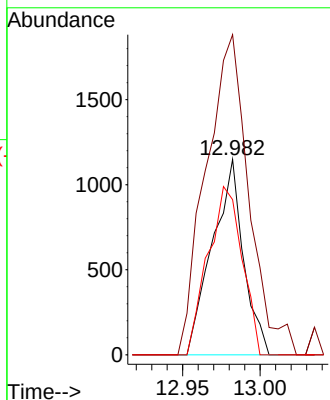
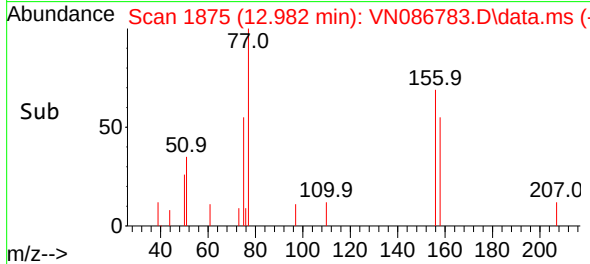
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 156 Resp: 1590
Ion Ratio Lower Upper
156 100
77 226.8 113.1 339.2
158 94.9 48.6 145.9

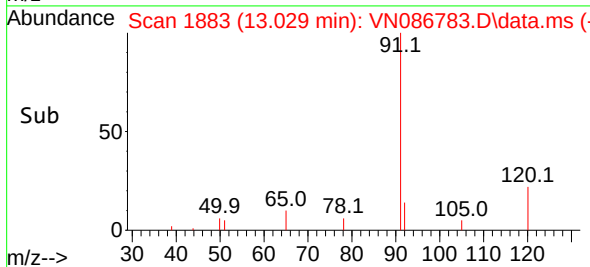
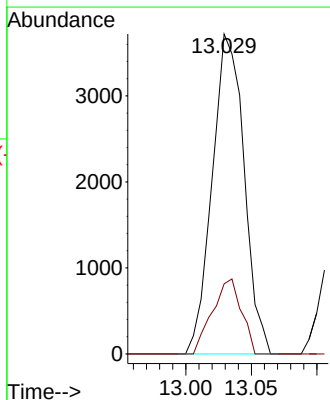
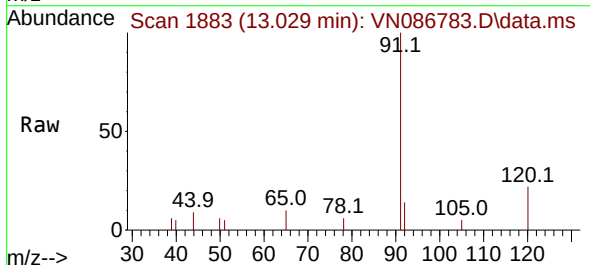
Manual Integrations
APPROVED

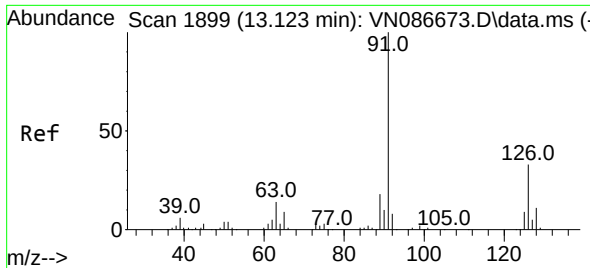
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#78
n-propylbenzene
Concen: 0.464 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

Tgt Ion: 91 Resp: 6279
Ion Ratio Lower Upper
91 100
120 21.3 11.4 34.1





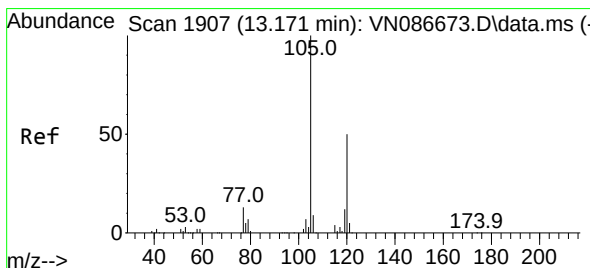
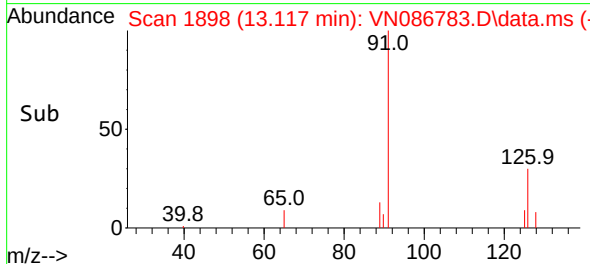
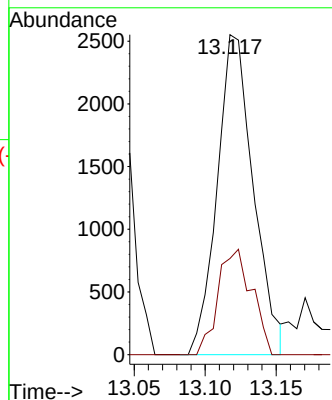
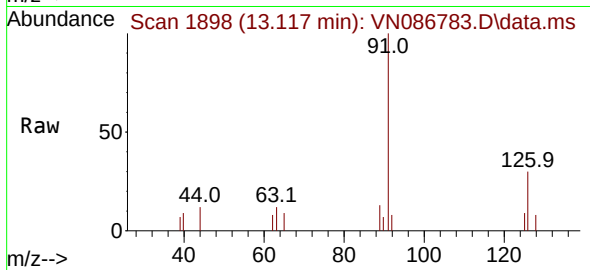
#79
2-Chlorotoluene
Concen: 0.515 ug/l
RT: 13.117 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

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

Tgt Ion: 91 Resp: 453
Ion Ratio Lower Upper
91 100
126 30.7 16.6 49.7

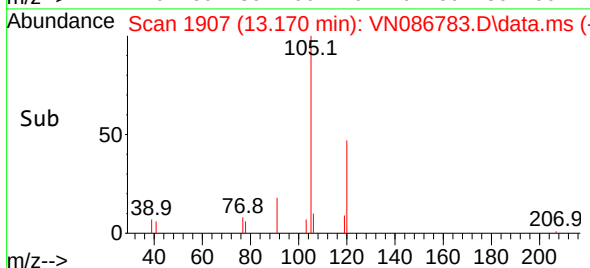
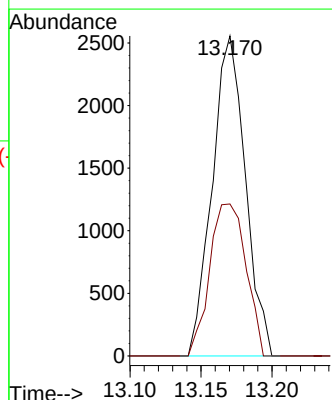
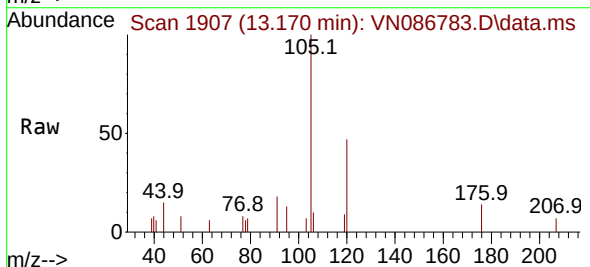
Manual Integrations
APPROVED

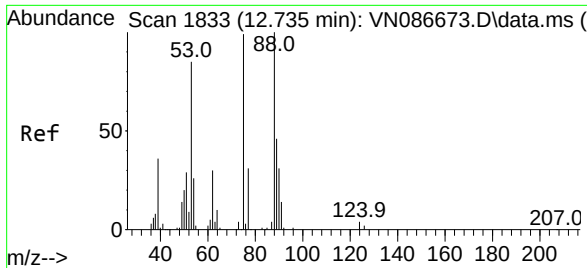
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.439 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

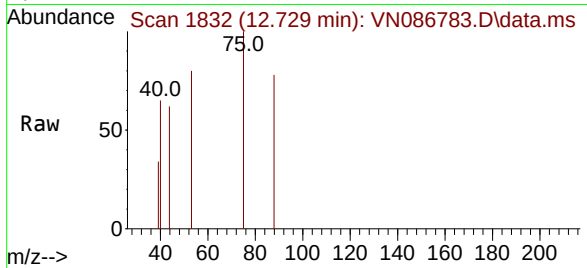
Tgt Ion:105 Resp: 4145
Ion Ratio Lower Upper
105 100
120 52.1 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 0.413 ug/l m
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

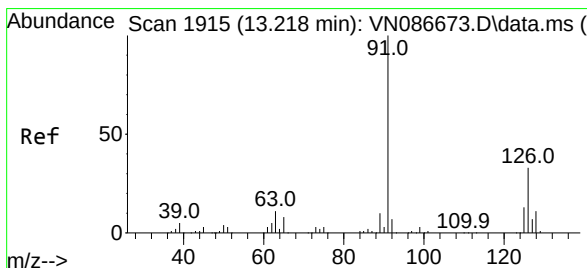
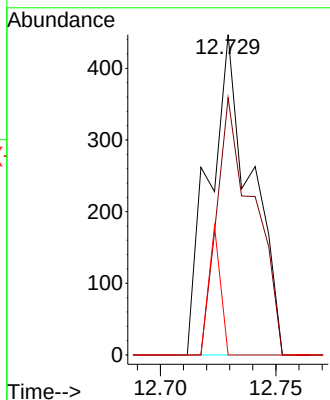
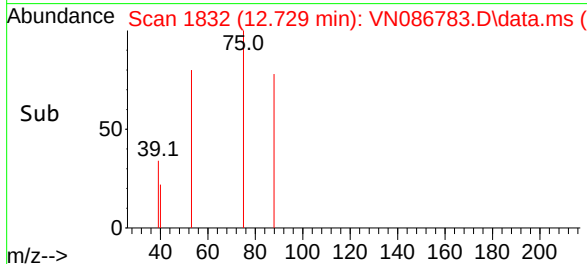
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



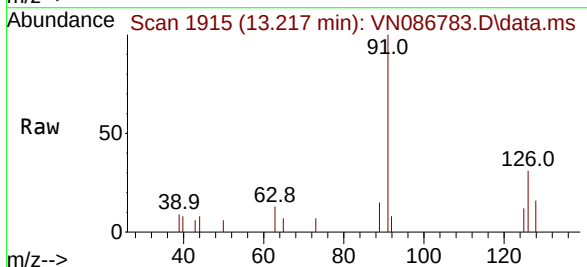
Tgt Ion: 75 Resp: 568
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6
89 0.0 32.4 48.6

Manual Integrations
APPROVED

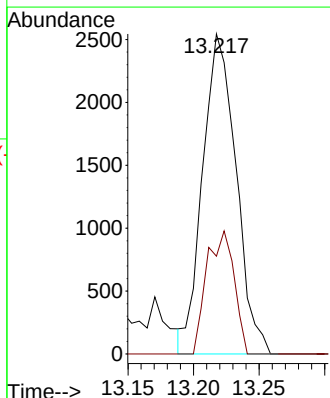
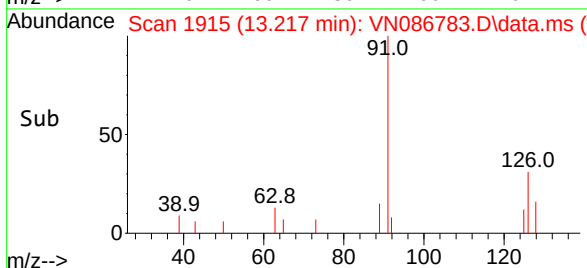
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

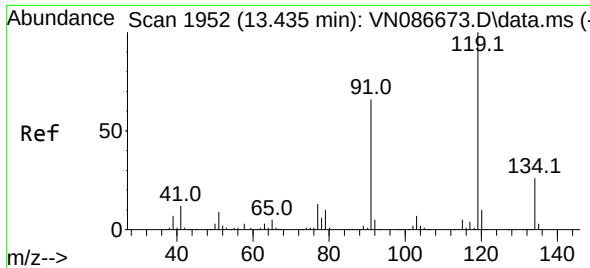


#82
4-Chlorotoluene
Concen: 0.518 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



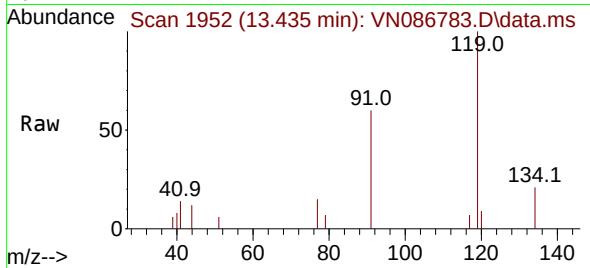
Tgt Ion: 91 Resp: 4508
Ion Ratio Lower Upper
91 100
126 31.4 17.0 50.9





#83
tert-Butylbenzene
Concen: 0.482 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

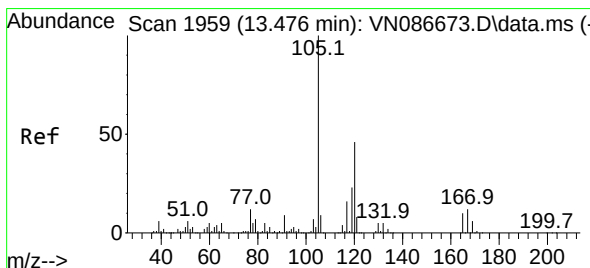
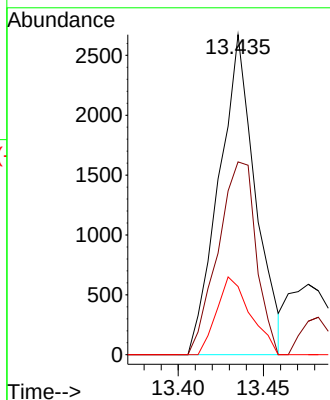
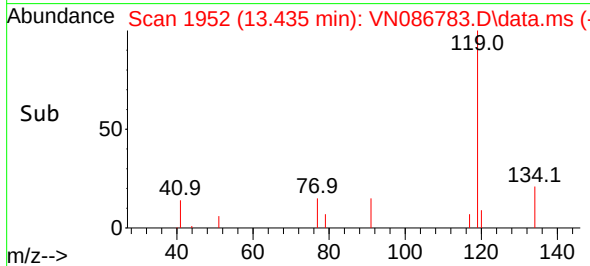
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



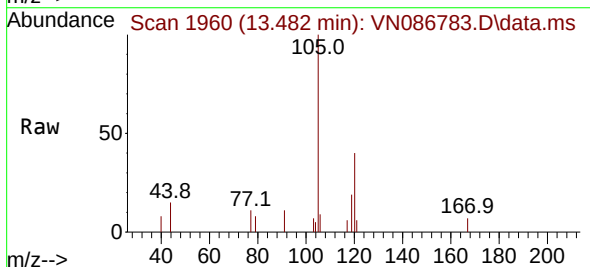
Tgt Ion:119 Resp: 3964
Ion Ratio Lower Upper
119 100
91 63.3 32.9 98.7
134 22.6 13.4 40.1

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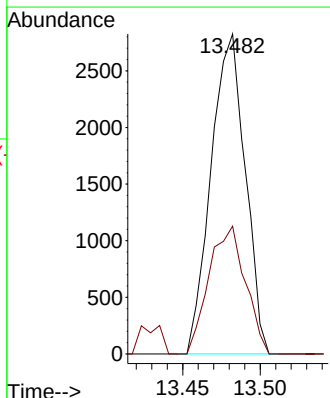
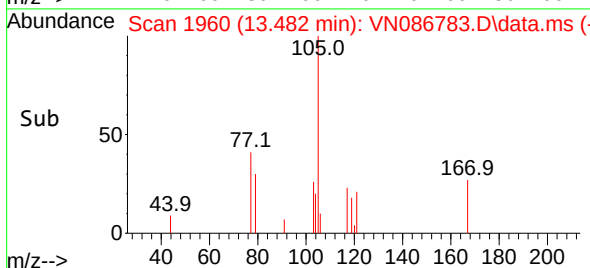
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

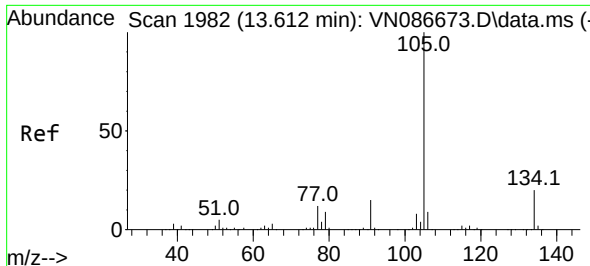


#84
1,2,4-Trimethylbenzene
Concen: 0.460 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



Tgt Ion:105 Resp: 4328
Ion Ratio Lower Upper
105 100
120 42.6 23.2 69.6





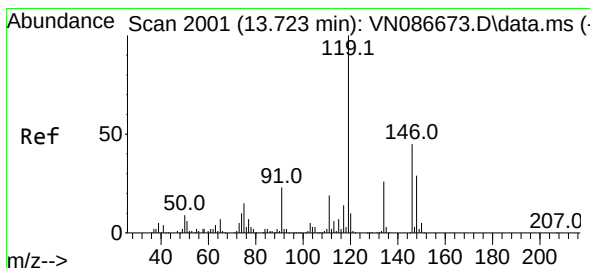
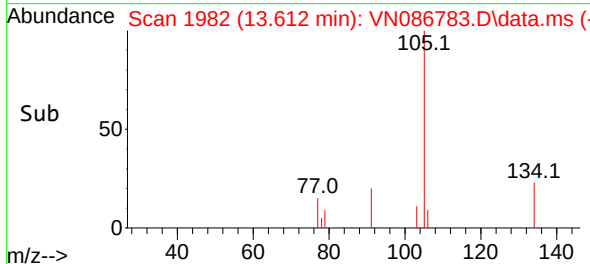
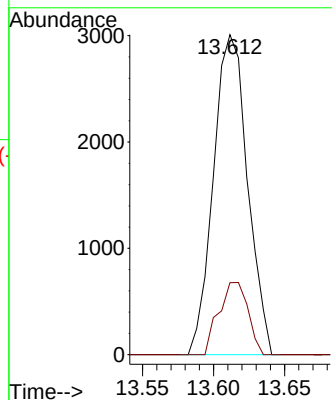
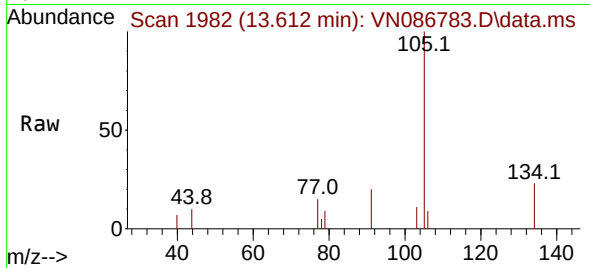
#85
 sec-Butylbenzene
 Concen: 0.455 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086783.D
 Acq: 27 May 2025 14:54

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

Tgt Ion:105 Resp: 502
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.1 30.1

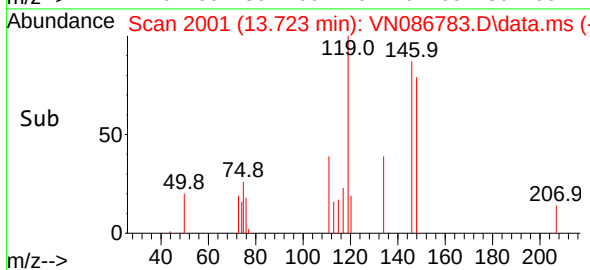
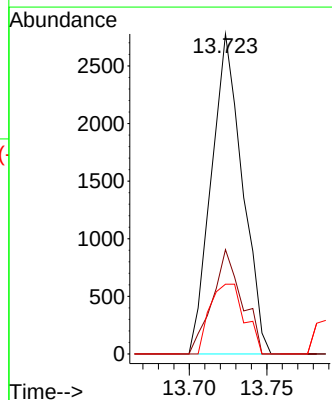
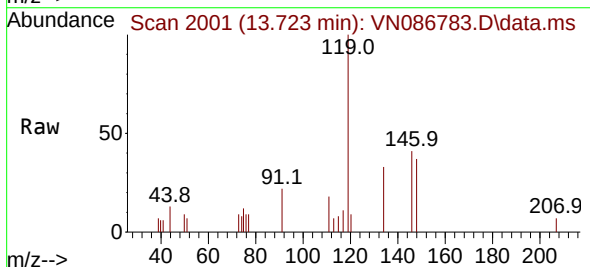
Manual Integrations
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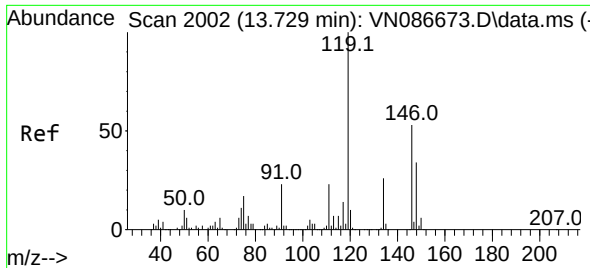
Reviewed By :John Carlone 05/29/2025
 Supervised By :Mahesh Dadoda 05/29/2025



#86
 p-Isopropyltoluene
 Concen: 0.427 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086783.D
 Acq: 27 May 2025 14:54

Tgt Ion:119 Resp: 3865
 Ion Ratio Lower Upper
 119 100
 134 31.2 13.1 39.1
 91 24.3 11.5 34.5





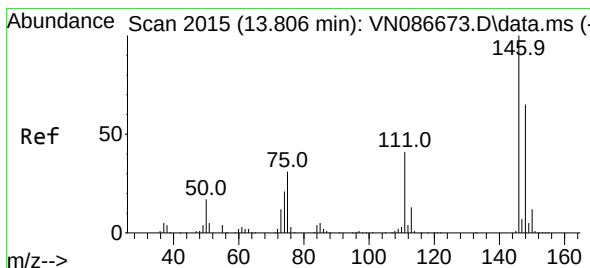
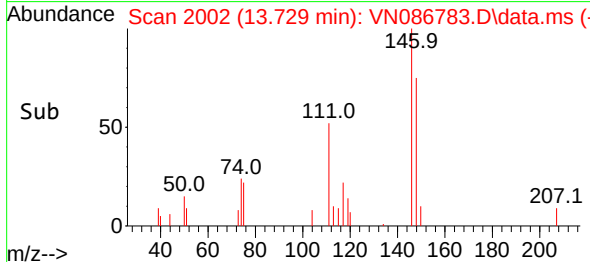
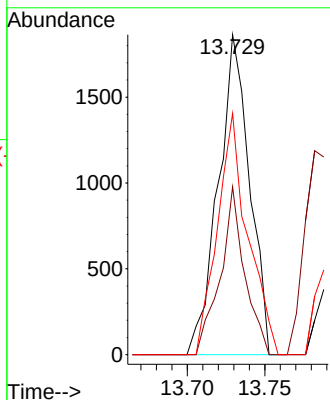
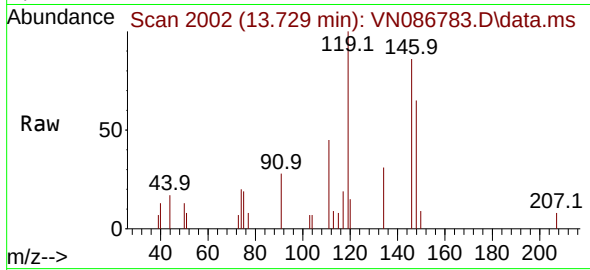
#87
1,3-Dichlorobenzene
Concen: 0.509 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

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

Tgt Ion:146 Resp: 261
Ion Ratio Lower Upper
146 100
111 41.0 20.9 62.7
148 73.4 31.8 95.4

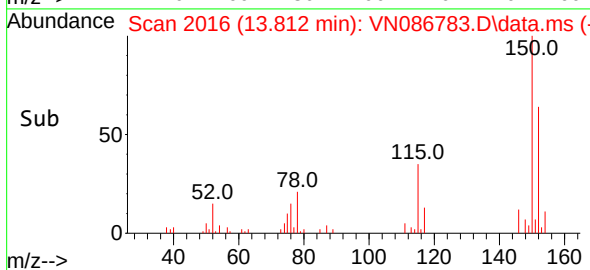
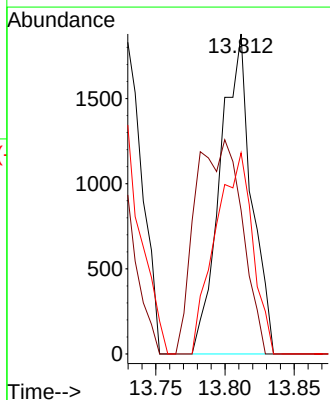
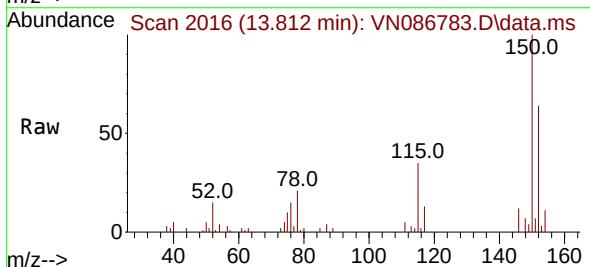
Manual Integrations
APPROVED

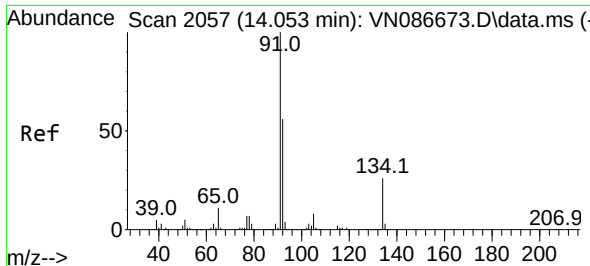
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#88
1,4-Dichlorobenzene
Concen: 0.582 ug/l m
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

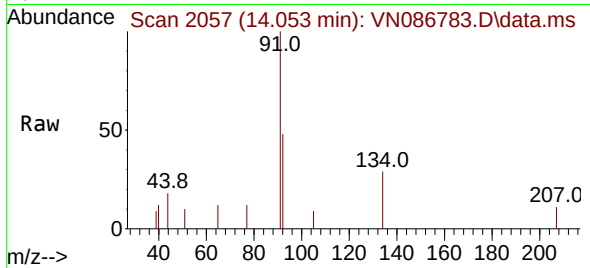
Tgt Ion:146 Resp: 2961
Ion Ratio Lower Upper
146 100
111 36.1 20.6 61.8
148 64.7 32.0 96.0





#89
n-Butylbenzene
Concen: 0.480 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

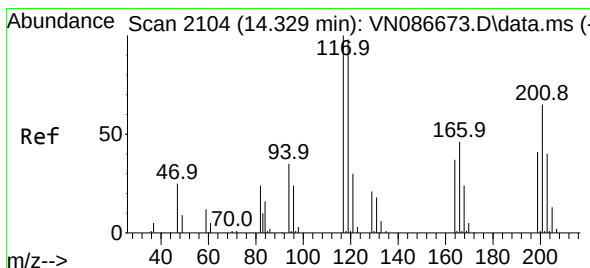
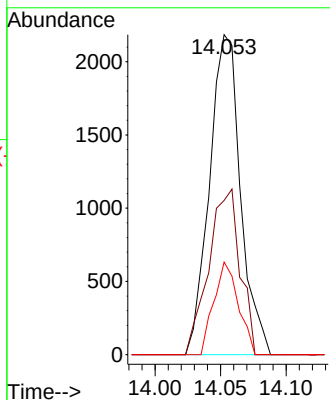
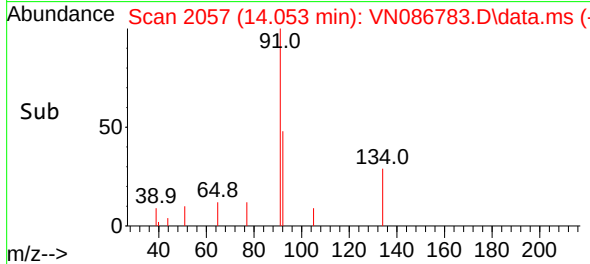
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 91 Resp: 360
Ion Ratio Lower Upper
91 100
92 52.1 27.4 82.0
134 22.7 12.8 38.4

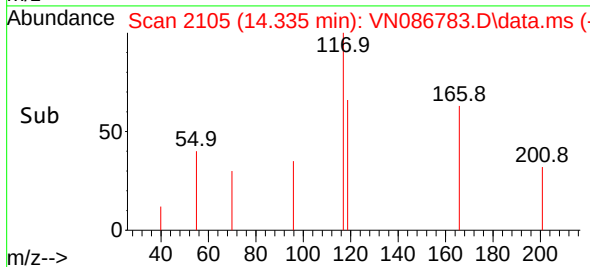
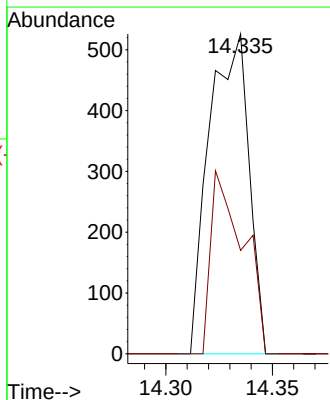
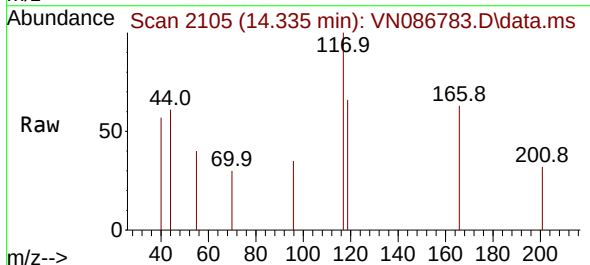
Manual Integrations
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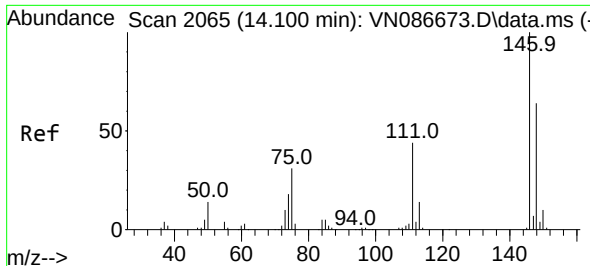
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025



#90
Hexachloroethane
Concen: 0.456 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

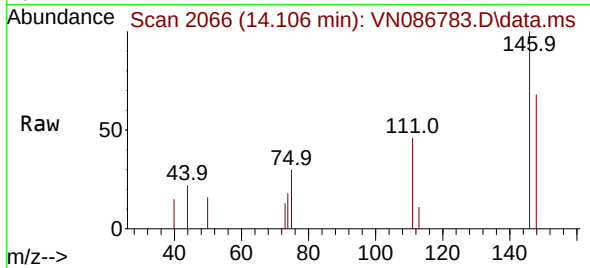
Tgt Ion:117 Resp: 684
Ion Ratio Lower Upper
117 100
201 46.6 32.0 96.0





#91
1,2-Dichlorobenzene
Concen: 0.501 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

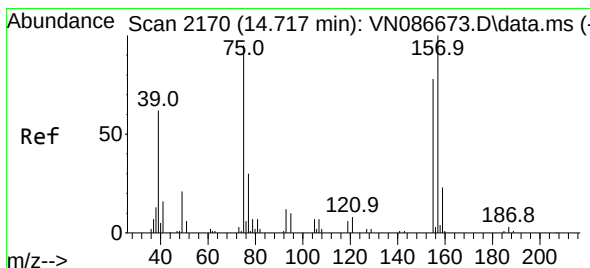
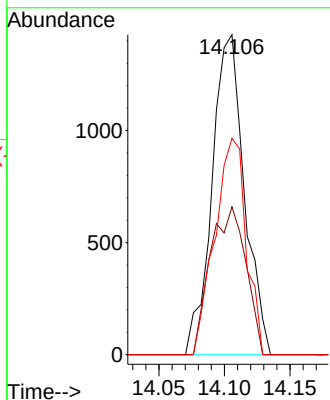
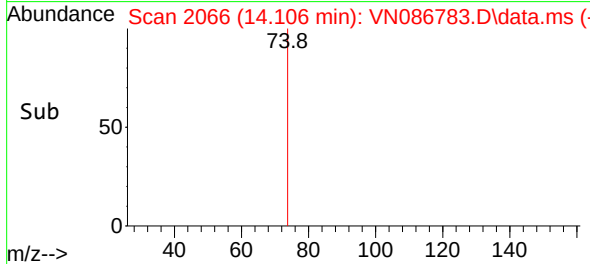
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



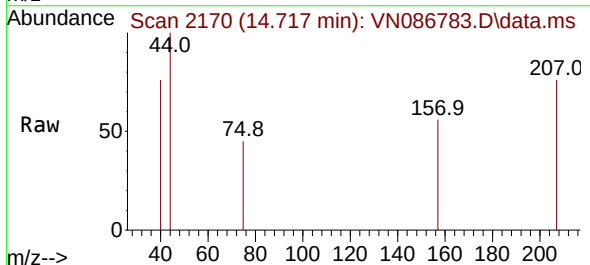
Tgt Ion:146 Resp: 244
Ion Ratio Lower Upper
146 100
111 50.9 21.6 65.0
148 65.5 31.7 95.1

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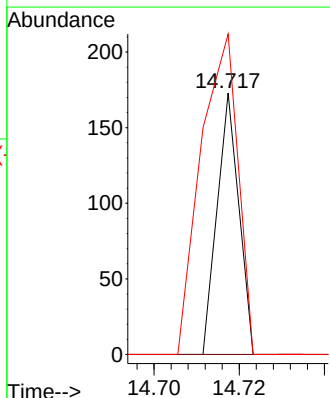
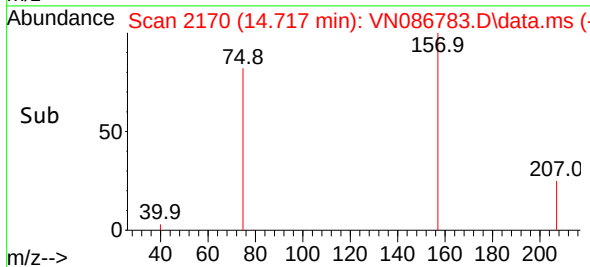
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

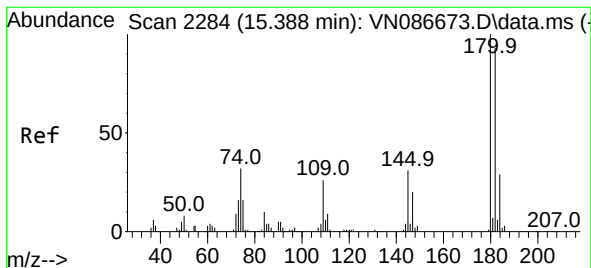


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.102 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



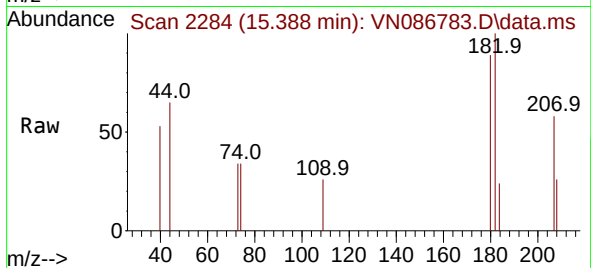
Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
155 0.0 40.5 121.5#
157 209.8 53.6 160.8#





#93
1,2,4-Trichlorobenzene
Concen: 0.469 ug/l
RT: 15.388 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

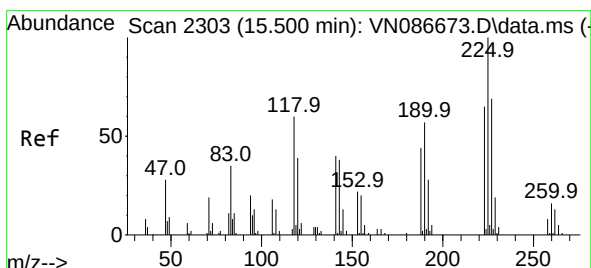
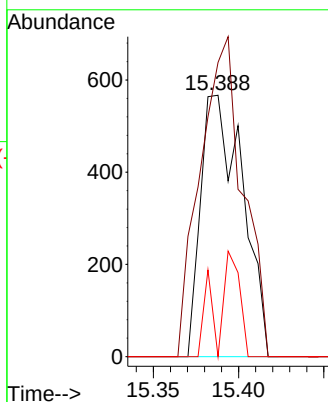
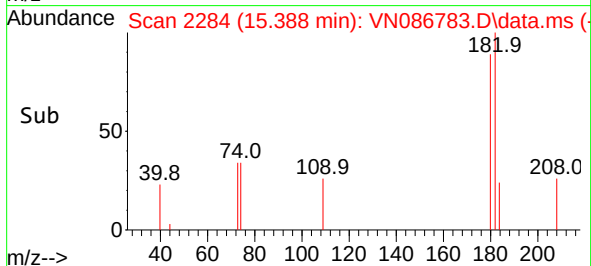
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



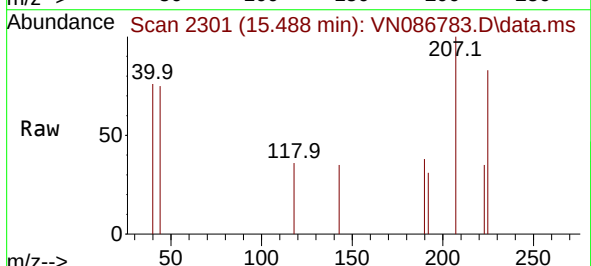
Tgt Ion:180 Resp: 960
Ion Ratio Lower Upper
180 100
182 125.2 47.1 141.3
145 21.8 15.6 46.8

Manual Integrations
APPROVED

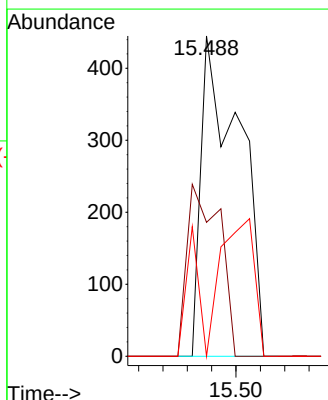
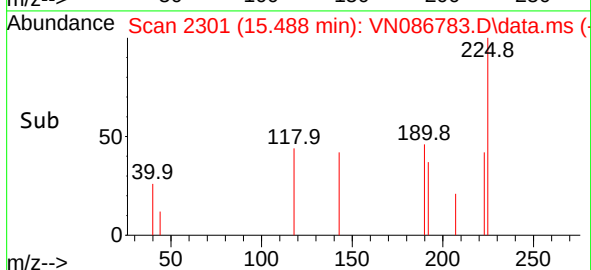
Reviewed By :John Carlone 05/29/2025
Supervised By :Mahesh Dadoda 05/29/2025

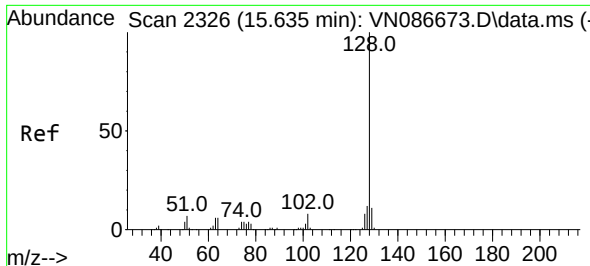


#94
Hexachlorobutadiene
Concen: 0.567 ug/l
RT: 15.488 min Scan# 2301
Delta R.T. -0.012 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



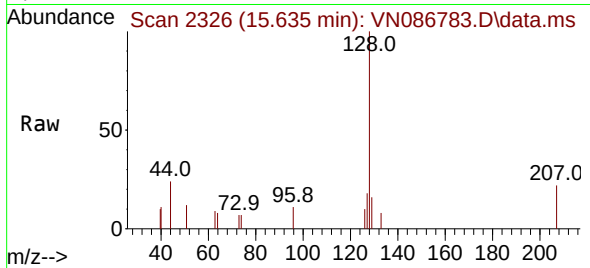
Tgt Ion:225 Resp: 485
Ion Ratio Lower Upper
225 100
223 45.8 32.9 98.6
227 13.0 32.4 97.2#





#95
Naphthalene
Concen: 0.676 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54

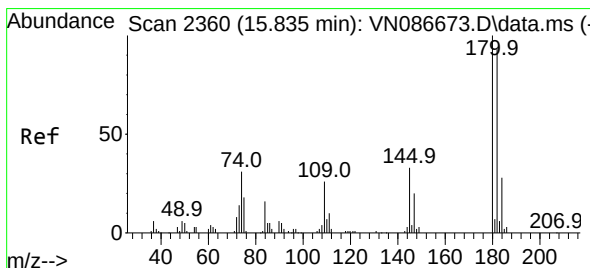
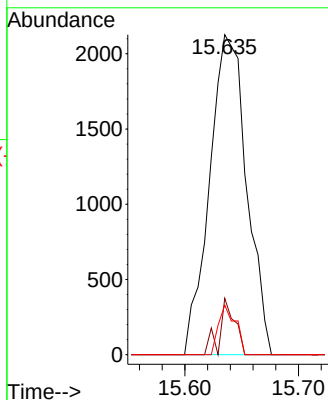
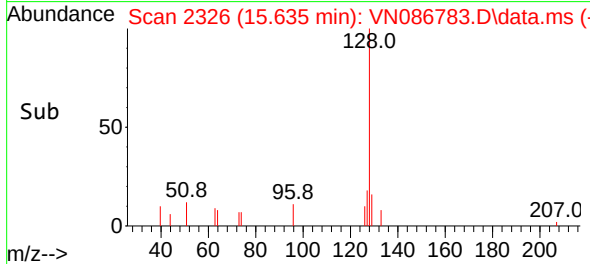
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



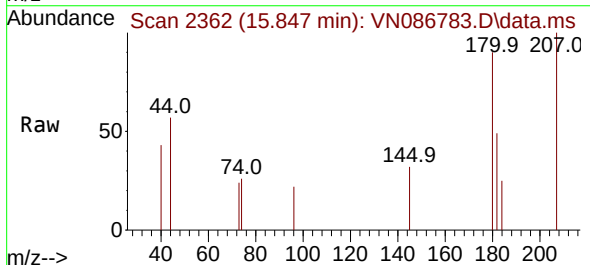
Tgt Ion:128 Resp: 4830
Ion Ratio Lower Upper
128 100
127 7.3 10.1 15.1
129 7.1 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.512 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.012 min
Lab File: VN086783.D
Acq: 27 May 2025 14:54



Tgt Ion:180 Resp: 1033
Ion Ratio Lower Upper
180 100
182 90.1 47.0 141.2
145 22.8 16.7 50.1

