

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086784.D
 Acq On : 27 May 2025 15:19
 Operator : JC\MD
 Sample : Q2126-07 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: May 29 01:49:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 05/29/2025

Supervised By :Mahesh
 Dadoda
 05/29/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	222855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	398302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	344453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144660	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	136911	44.460	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.920%
35) Dibromofluoromethane	8.159	113	111872	47.162	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	10.565	98	465086	47.313	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.620%
62) 4-Bromofluorobenzene	12.847	95	156810	45.179	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.360%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	1370	0.569	ug/l	94
3) Chloromethane	2.365	50	3123	0.858	ug/l	93
4) Vinyl Chloride	2.513	62	2274	0.696	ug/l	90
5) Bromomethane	2.971	94	1660	0.881	ug/l	100
6) Chloroethane	3.124	64	1422	0.664	ug/l	97
7) Trichlorofluoromethane	3.495	101	2600	0.665	ug/l	91
8) Diethyl Ether	3.959	74	1176	0.729	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	1795	0.767	ug/l #	87
10) Methyl Iodide	4.577	142	2548	0.876	ug/l #	78
11) Tert butyl alcohol	5.518	59	1534	2.735	ug/l #	73
12) 1,1-Dichloroethene	4.330	96	1767	0.711	ug/l #	72
13) Acrolein	4.177	56	1311	2.187	ug/l	96
14) Allyl chloride	5.018	41	2605	0.692	ug/l #	85
15) Acrylonitrile	5.724	53	4277	3.080	ug/l	96
16) Acetone	4.436	43	3803	3.301	ug/l #	82
17) Carbon Disulfide	4.712	76	5714	0.830	ug/l	97
18) Methyl Acetate	5.024	43	10217	3.169	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	5774	0.682	ug/l	95
20) Methylene Chloride	5.265	84	2134	0.702	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	1907	0.726	ug/l #	79
22) Diisopropyl ether	6.665	45	5211	0.614	ug/l	97
23) Vinyl Acetate	6.600	43	14085	2.208	ug/l	94
24) 1,1-Dichloroethane	6.565	63	3388	0.680	ug/l #	82
25) 2-Butanone	7.495	43	5938	3.336	ug/l	98
26) 2,2-Dichloropropane	7.483	77	2903	0.706	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	2371	0.735	ug/l	96
28) Bromochloromethane	7.812	49	1273	0.562	ug/l #	88
29) Tetrahydrofuran	7.847	42	3419	2.943	ug/l	95
30) Chloroform	7.965	83	3326	0.667	ug/l	98
31) Cyclohexane	8.230	56	6684	1.446	ug/l #	7
32) 1,1,1-Trichloroethane	8.165	97	2994	0.712	ug/l #	40
36) 1,1-Dichloropropene	8.365	75	2400	0.686	ug/l	95
37) Ethyl Acetate	7.571	43	2291	0.648	ug/l #	73
38) Carbon Tetrachloride	8.353	117	2367	0.687	ug/l #	84
39) Methylcyclohexane	9.594	83	2711	0.716	ug/l #	85
40) Benzene	8.600	78	8105	0.710	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	1312m	0.688	ug/l	
42) 1,2-Dichloroethane	8.665	62	2769	0.779	ug/l	86
43) Isopropyl Acetate	8.689	43	7266	1.025	ug/l #	79
44) Trichloroethene	9.347	130	2182	0.793	ug/l	94
45) 1,2-Dichloropropane	9.612	63	1704	0.628	ug/l	98
46) Dibromomethane	9.700	93	1328	0.726	ug/l	95
47) Bromodichloromethane	9.889	83	2649	0.703	ug/l #	90
48) Methyl methacrylate	9.677	41	1843	0.671	ug/l	92
49) 1,4-Dioxane	9.694	88	657	11.301	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	10795	3.021	ug/l	97
52) Toluene	10.630	92	5160	0.727	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	3030	0.759	ug/l #	88
54) cis-1,3-Dichloropropene	10.312	75	3040	0.698	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	1841	0.696	ug/l #	84
56) Ethyl methacrylate	10.871	69	2596	0.611	ug/l	99
57) 1,3-Dichloropropane	11.159	76	3100	0.680	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	5712	3.008	ug/l	96
59) 2-Hexanone	11.194	43	7684	2.945	ug/l	97
60) Dibromochloromethane	11.359	129	2088	0.753	ug/l	100
61) 1,2-Dibromoethane	11.471	107	1776	0.668	ug/l	95
64) Tetrachloroethene	11.094	164	2681	1.016	ug/l #	84
65) Chlorobenzene	11.888	112	5788	0.766	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.959	131	1895	0.777	ug/l #	64
67) Ethyl Benzene	11.959	91	9081	0.702	ug/l	97
68) m/p-Xylenes	12.071	106	6751	1.378	ug/l	98
69) o-Xylene	12.394	106	3022	0.620	ug/l	80
70) Styrene	12.406	104	5031	0.631	ug/l	97
71) Bromoform	12.582	173	1416	0.817	ug/l #	95
73) Isopropylbenzene	12.694	105	7555	0.676	ug/l	99
74) N-amyl acetate	12.488	43	2492	0.534	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	2119	0.617	ug/l #	91
76) 1,2,3-Trichloropropane	12.988	75	2415m	0.738	ug/l	
77) Bromobenzene	12.971	156	2236	0.796	ug/l	98
78) n-propylbenzene	13.029	91	8794	0.686	ug/l	100
79) 2-Chlorotoluene	13.124	91	6336	0.760	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	5965	0.666	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	756m	0.583	ug/l	
82) 4-Chlorotoluene	13.218	91	5695	0.690	ug/l	98
83) tert-Butylbenzene	13.441	119	5404	0.692	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	5856	0.657	ug/l	94
85) sec-Butylbenzene	13.612	105	6792	0.649	ug/l	99
86) p-Isopropyltoluene	13.724	119	5202	0.606	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	3668	0.754	ug/l	96
88) 1,4-Dichlorobenzene	13.806	146	4134m	0.857	ug/l	
89) n-Butylbenzene	14.053	91	4902	0.689	ug/l	97
90) Hexachloroethane	14.335	117	1011	0.710	ug/l	90
91) 1,2-Dichlorobenzene	14.100	146	3386	0.731	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	366	0.644	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	1346	0.689	ug/l	90
94) Hexachlorobutadiene	15.506	225	568	0.701	ug/l	91
95) Naphthalene	15.641	128	5634	0.830	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.835	180	1533	0.801	ug/l	82

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Manual Integrations
APPROVED

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Carlone
05/29/2025

Supervised By :Mahesh
Dadoda
05/29/2025

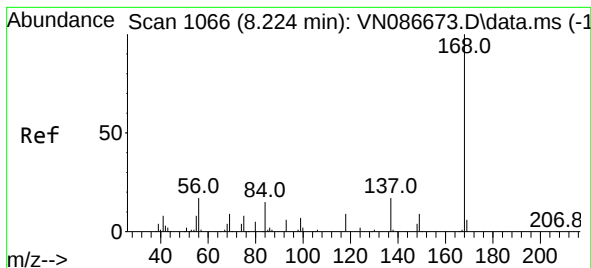
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

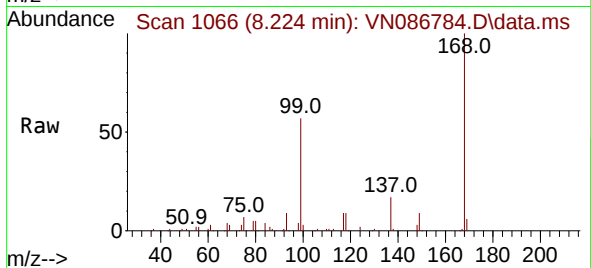
Supervised By :Mahesh
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05/29/2025

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086784.D
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LOD-MDL-WATER-01-QT2-2025

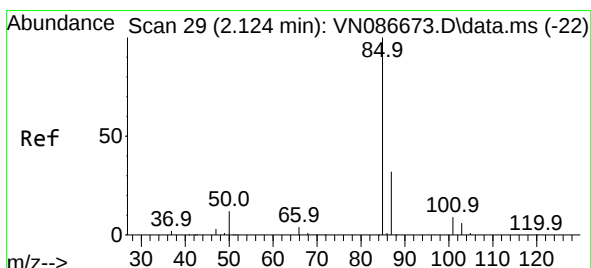
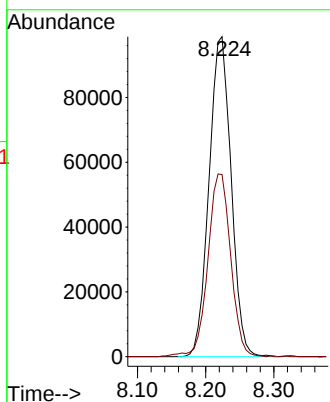
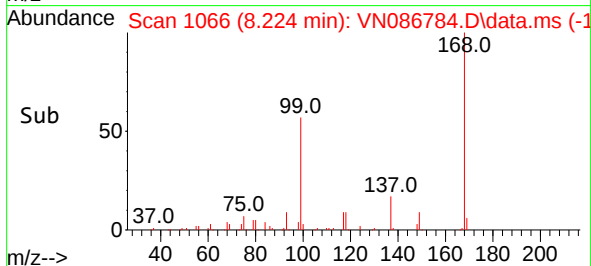


Tgt Ion:168 Resp: 22285
Ion Ratio Lower Upper
168 100
99 56.9 47.0 70.4

Manual Integrations
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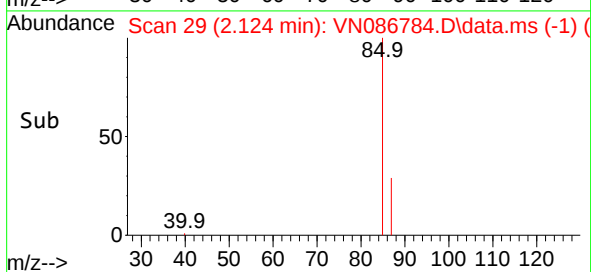
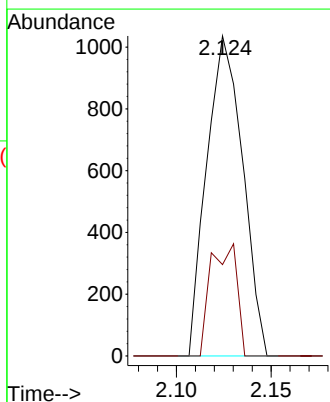
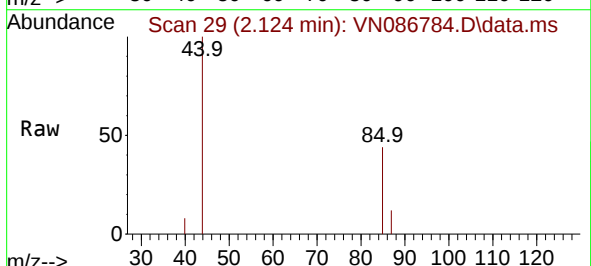
Reviewed By :John
Carlone
05/29/2025

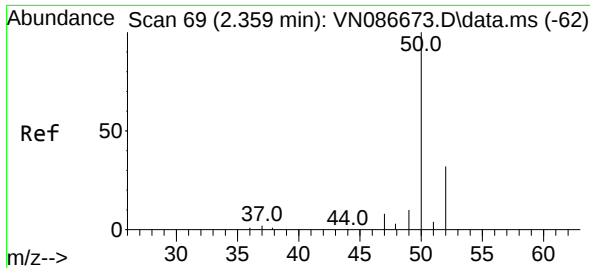
Supervised By :Mahesh
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#2
Dichlorodifluoromethane
Concen: 0.569 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 85 Resp: 1370
Ion Ratio Lower Upper
85 100
87 28.6 15.9 47.6





#3
Chloromethane
Concen: 0.858 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

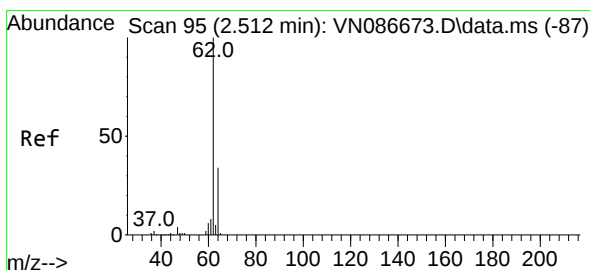
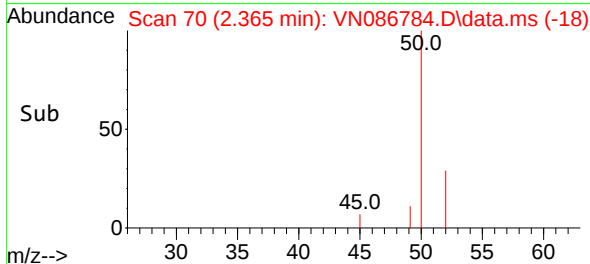
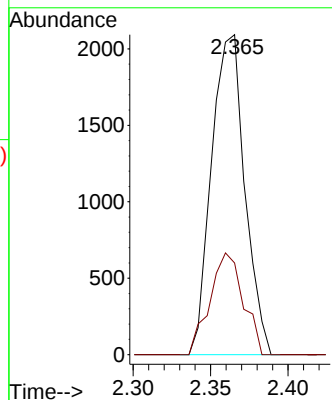
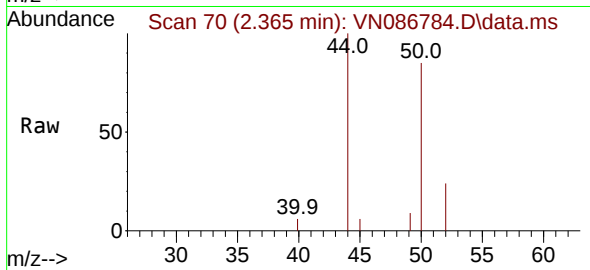
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 50 Resp: 312
Ion Ratio Lower Upper
50 100
52 28.7 25.9 38.9

Manual Integrations
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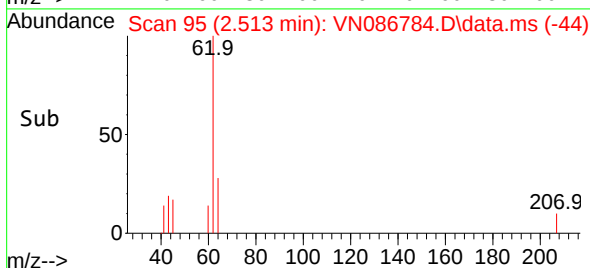
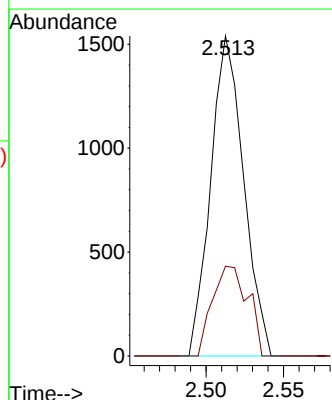
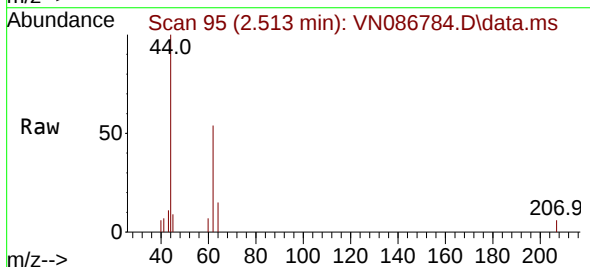
Reviewed By :John
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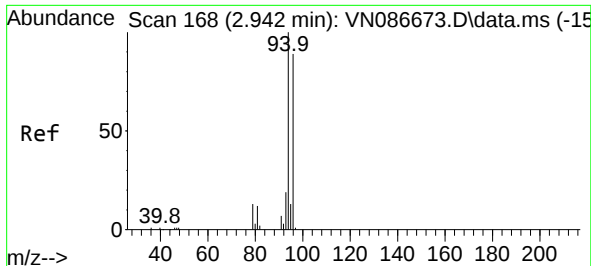
Supervised By :Mahesh
Dadoda
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#4
Vinyl Chloride
Concen: 0.696 ug/l
RT: 2.513 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086784.D
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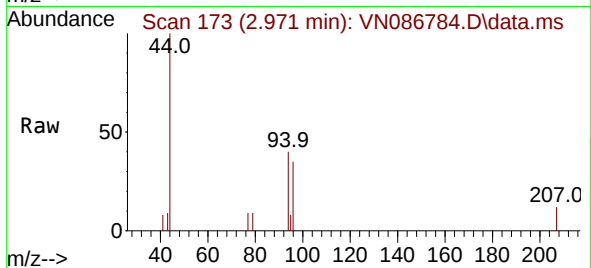
Tgt Ion: 62 Resp: 2274
Ion Ratio Lower Upper
62 100
64 28.1 26.9 40.3





#5
Bromomethane
Concen: 0.881 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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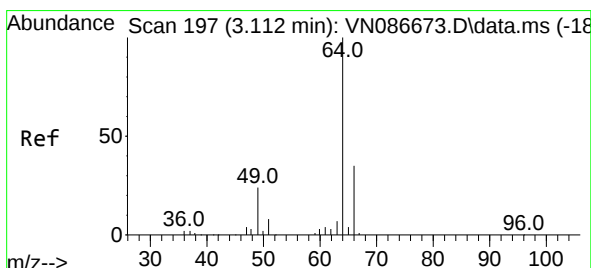
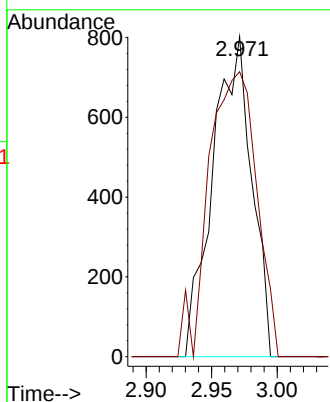
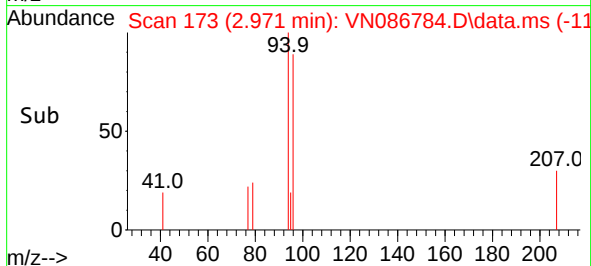


Tgt Ion: 94 Resp: 1660
Ion Ratio Lower Upper
94 100
96 89.0 71.2 106.8

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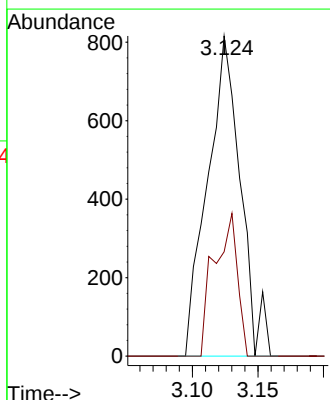
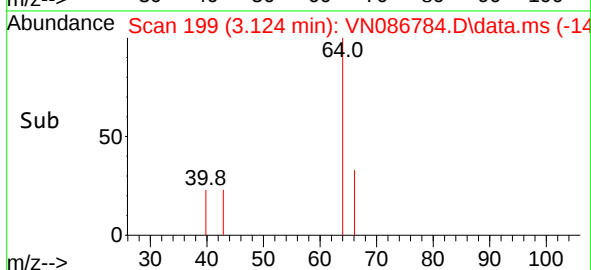
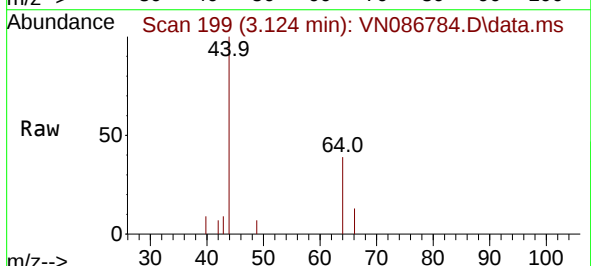
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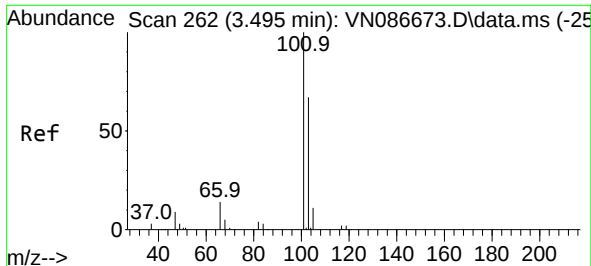
Supervised By :Mahesh
Dadoda
05/29/2025



#6
Chloroethane
Concen: 0.664 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

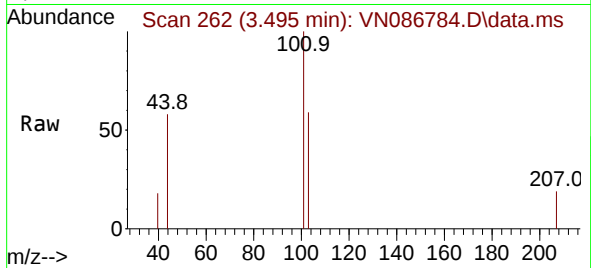
Tgt Ion: 64 Resp: 1422
Ion Ratio Lower Upper
64 100
66 32.6 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 0.665 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VN086784.D
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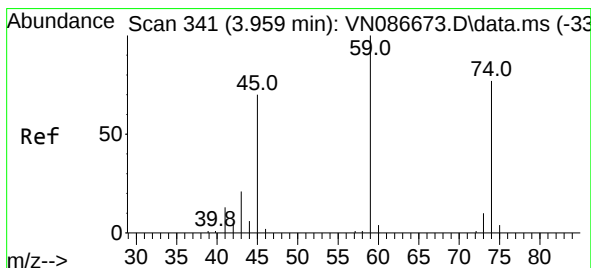
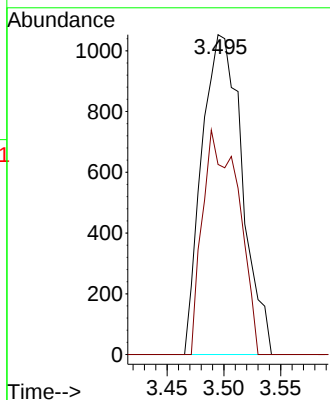


Tgt Ion:101 Resp: 2600
 Ion Ratio Lower Upper
 101 100
 103 59.4 53.4 80.0

Manual Integrations
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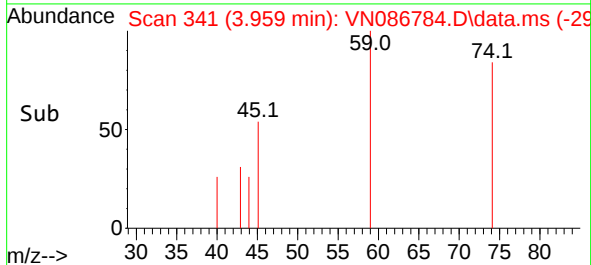
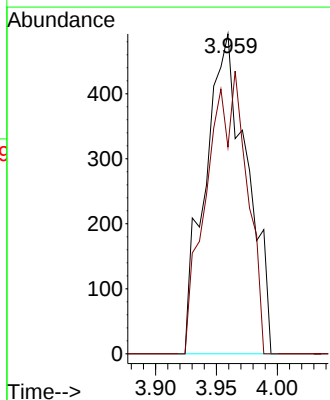
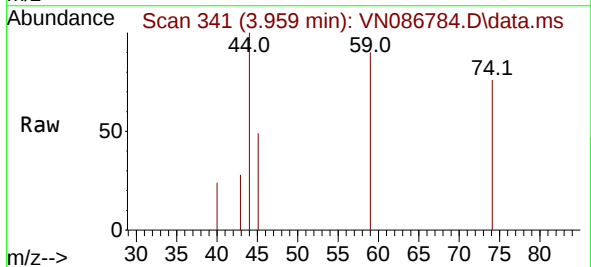
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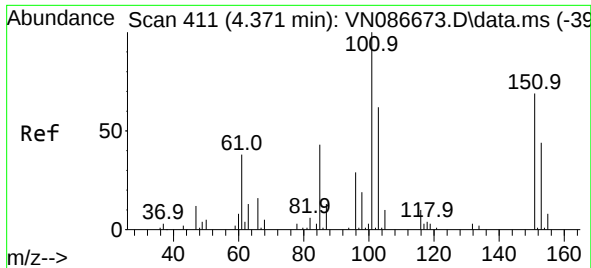
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 Dadoda
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#8
 Diethyl Ether
 Concen: 0.729 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

Tgt Ion: 74 Resp: 1176
 Ion Ratio Lower Upper
 74 100
 45 84.3 45.0 135.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.767 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

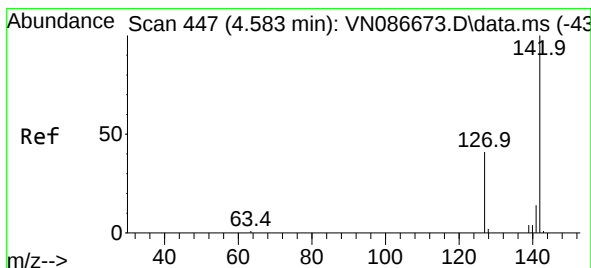
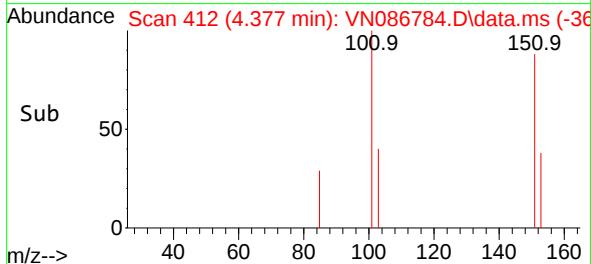
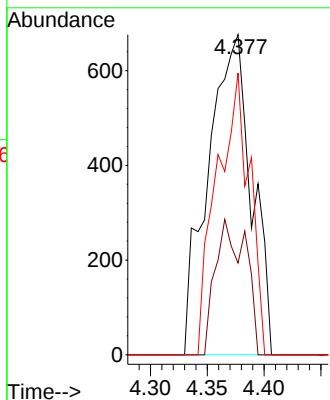
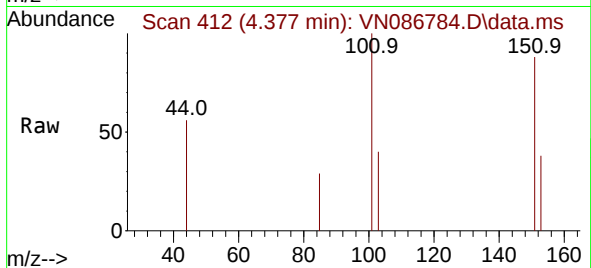
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:101 Resp: 1798
Ion Ratio Lower Upper
101 100
85 29.4 35.0 52.6
151 66.7 58.1 87.1

Manual Integrations
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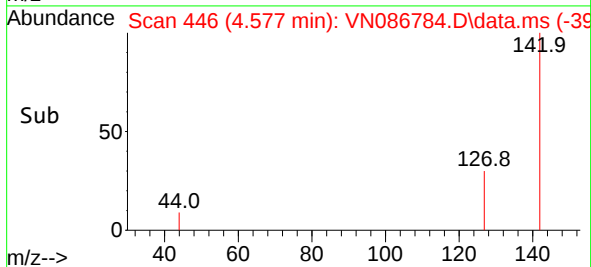
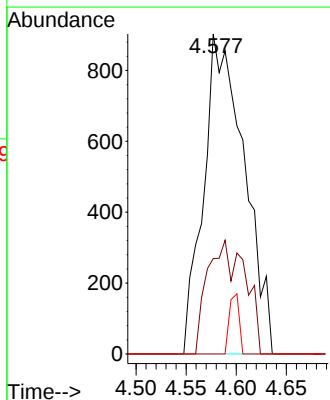
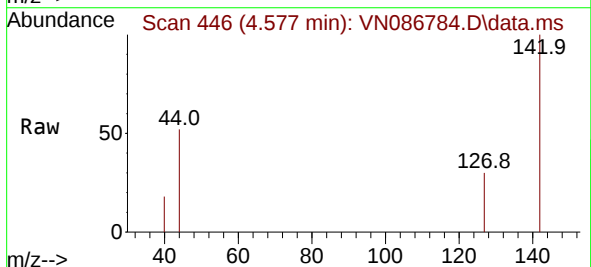
Reviewed By :John
Carlone
05/29/2025

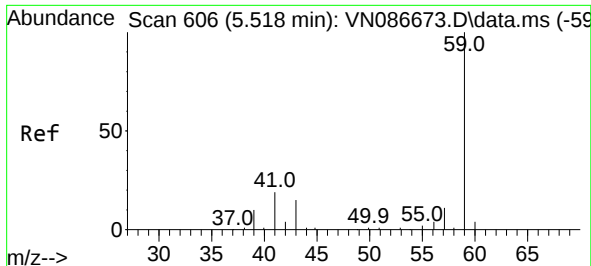
Supervised By :Mahesh
Dadoda
05/29/2025



#10
Methyl Iodide
Concen: 0.876 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

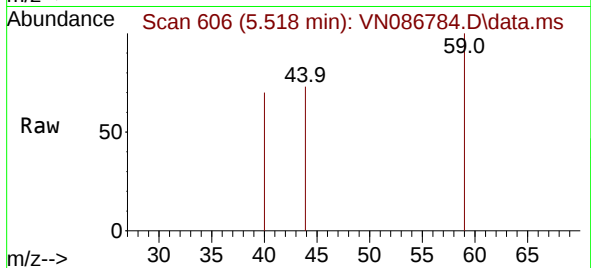
Tgt Ion:142 Resp: 2548
Ion Ratio Lower Upper
142 100
127 29.8 32.4 48.6#
141 0.0 11.4 17.2#





#11
Tert butyl alcohol
Concen: 2.735 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

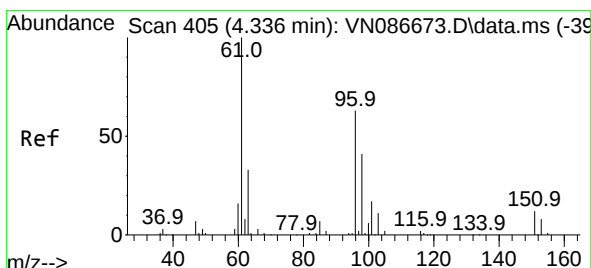
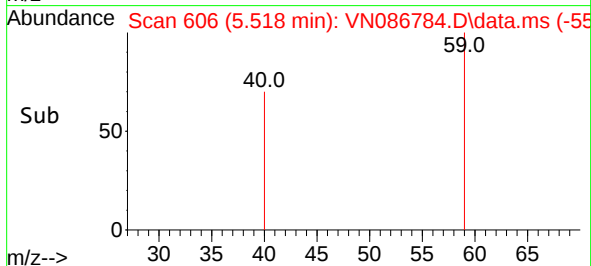
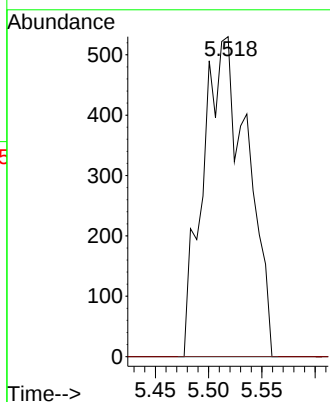


Tgt Ion: 59 Resp: 1534
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

Manual Integrations
APPROVED

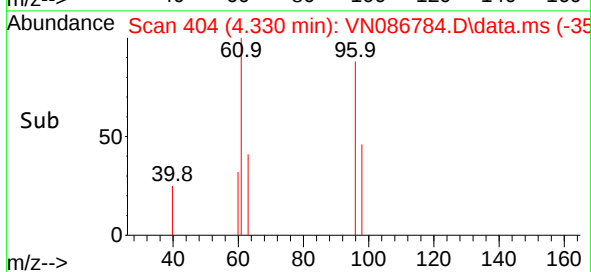
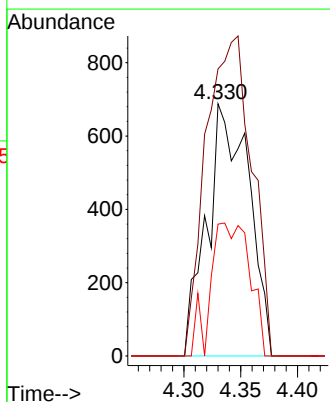
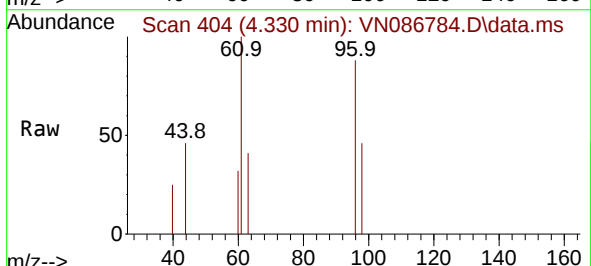
Reviewed By :John
Carlone
05/29/2025

Supervised By :Mahesh
Dadoda
05/29/2025



#12
1,1-Dichloroethene
Concen: 0.711 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

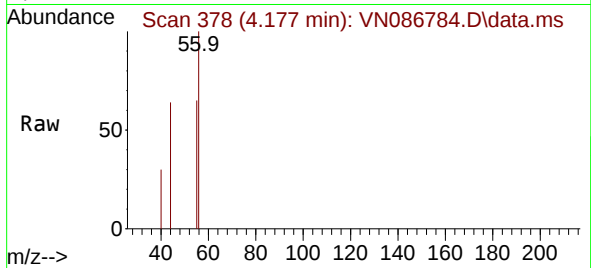
Tgt Ion: 96 Resp: 1767
Ion Ratio Lower Upper
96 100
61 113.8 126.2 189.2#
98 52.3 51.5 77.3





#13
Acrolein
Concen: 2.187 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

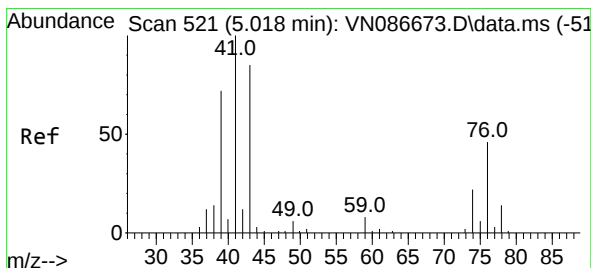
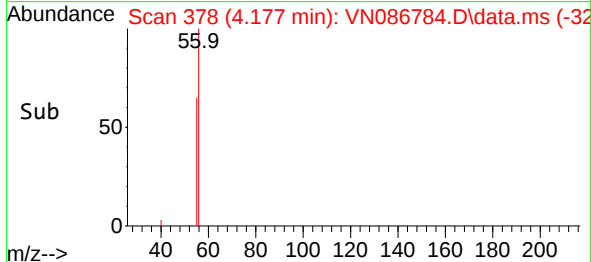
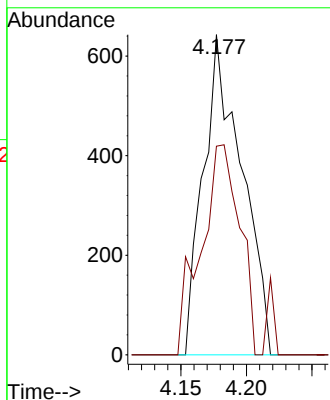


Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 66.3 55.7 83.5

Manual Integrations
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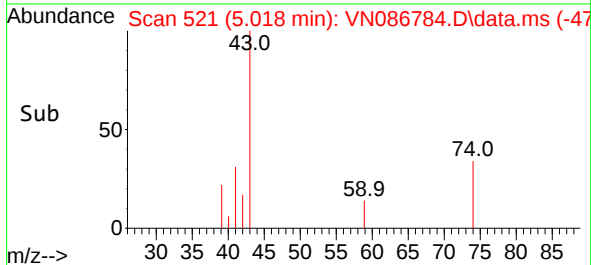
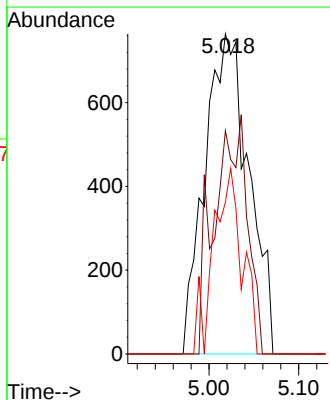
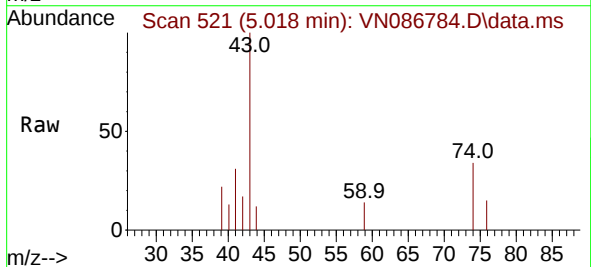
Reviewed By :John
Carlone
05/29/2025

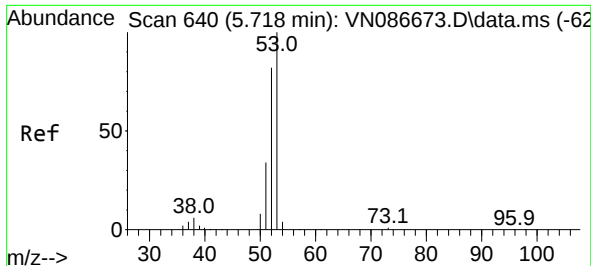
Supervised By :Mahesh
Dadoda
05/29/2025



#14
Allyl chloride
Concen: 0.692 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

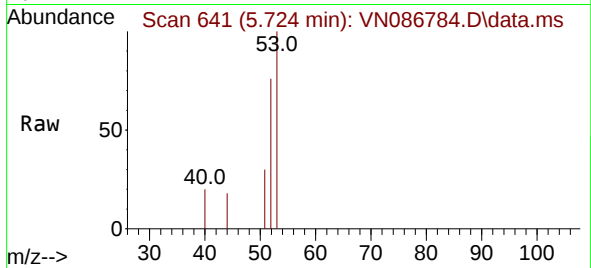
Tgt Ion: 41 Resp: 2605
Ion Ratio Lower Upper
41 100
39 55.4 57.4 86.0#
76 37.6 33.2 49.8





#15
Acrylonitrile
Concen: 3.080 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

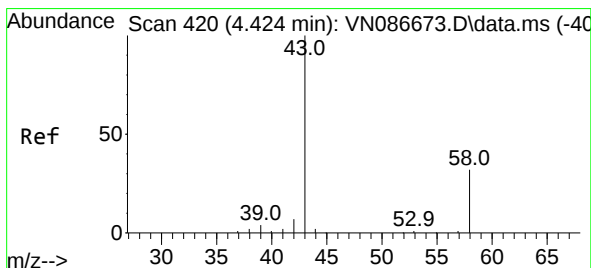
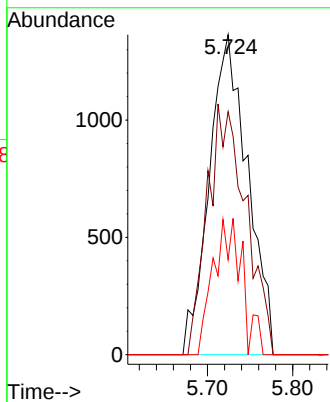
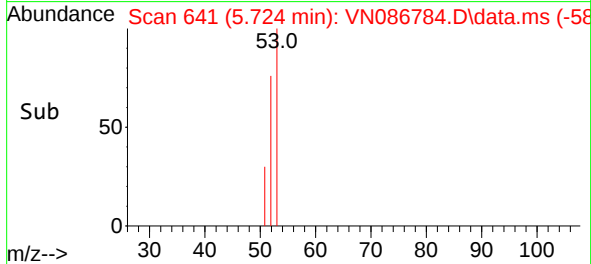


Tgt Ion: 53 Resp: 427
Ion Ratio Lower Upper
53 100
52 78.3 65.4 98.2
51 31.9 27.9 41.9

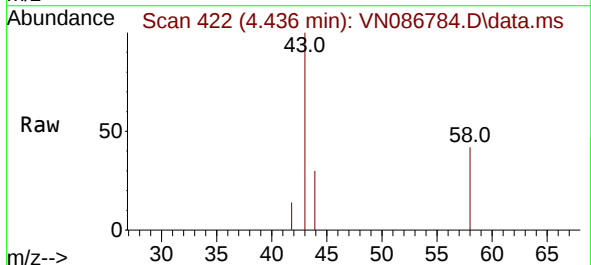
Manual Integrations
APPROVED

Reviewed By :John
Carlone
05/29/2025

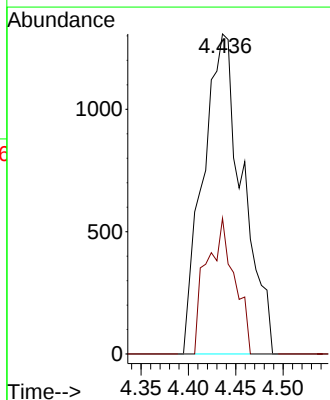
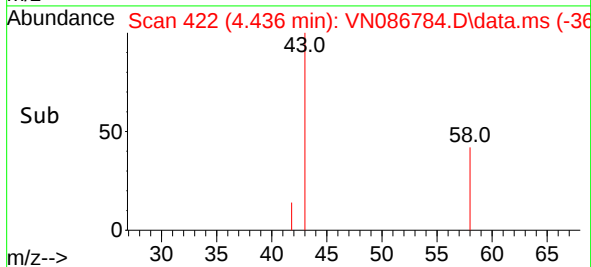
Supervised By :Mahesh
Dadoda
05/29/2025



#16
Acetone
Concen: 3.301 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19



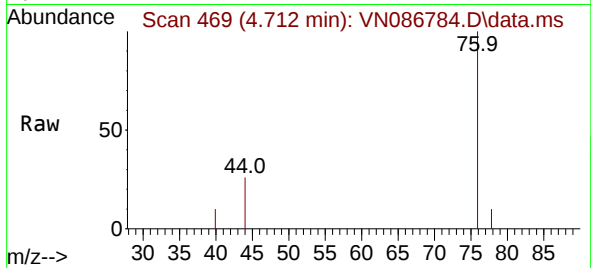
Tgt Ion: 43 Resp: 3803
Ion Ratio Lower Upper
43 100
58 42.4 25.8 38.6#





#17
Carbon Disulfide
Concen: 0.830 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

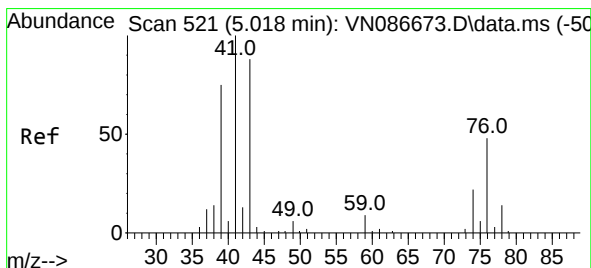
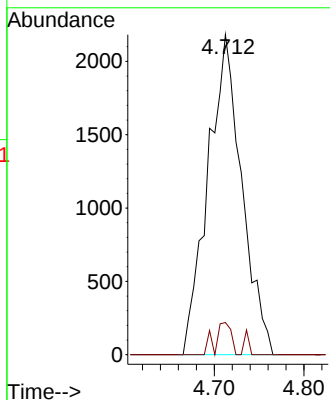


Tgt Ion: 76 Resp: 5714
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9

Manual Integrations
APPROVED

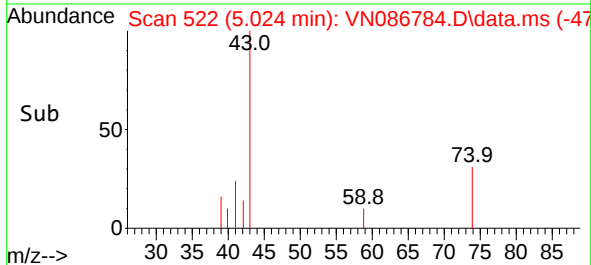
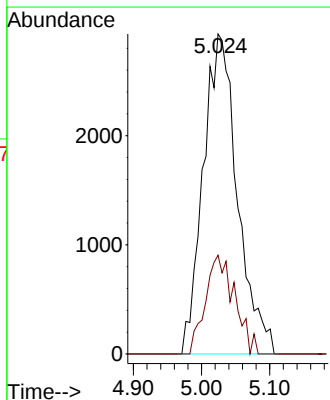
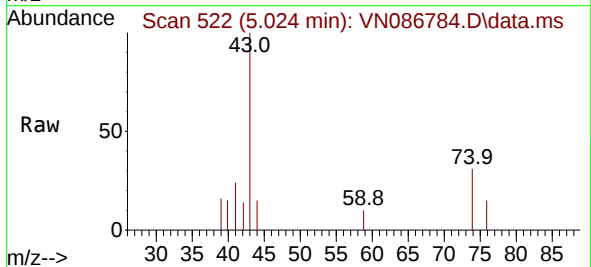
Reviewed By :John
Carlone
05/29/2025

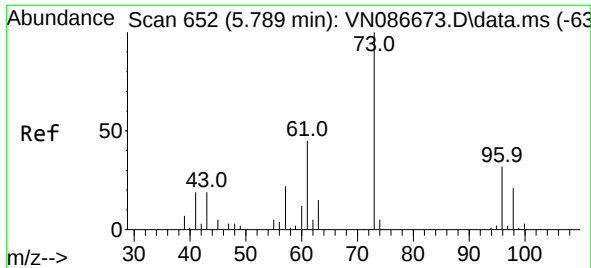
Supervised By :Mahesh
Dadoda
05/29/2025



#18
Methyl Acetate
Concen: 3.169 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 43 Resp: 10217
Ion Ratio Lower Upper
43 100
74 26.3 20.5 30.7





#19
Methyl tert-butyl Ether
Concen: 0.682 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

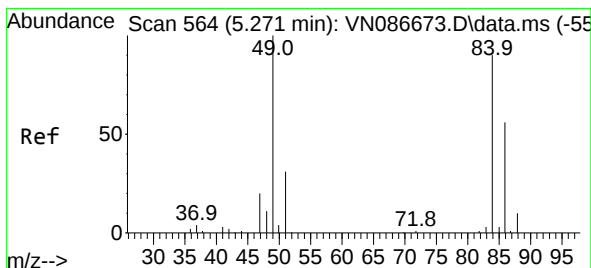
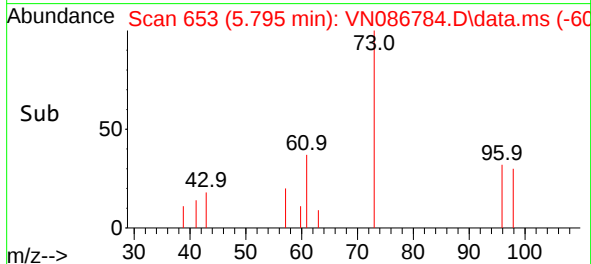
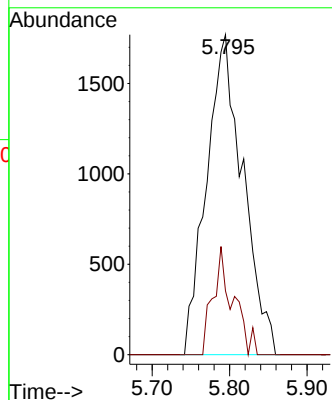
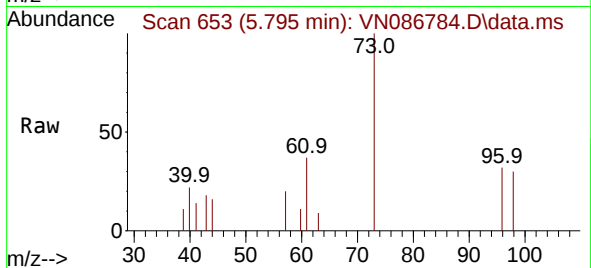
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 73 Resp: 5774
Ion Ratio Lower Upper
73 100
57 19.9 17.7 26.5

Manual Integrations
APPROVED

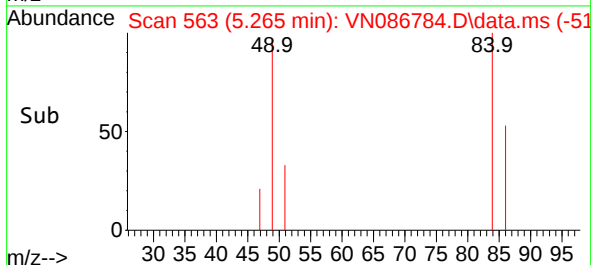
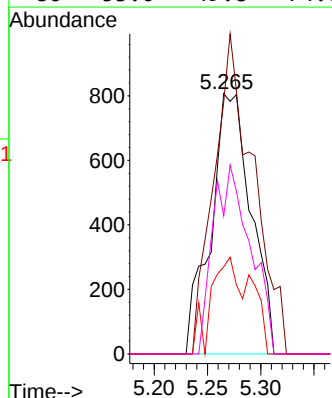
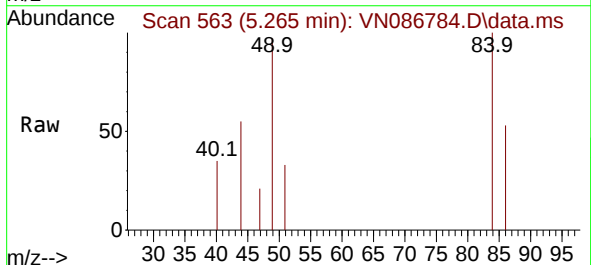
Reviewed By :John
Carlone
05/29/2025

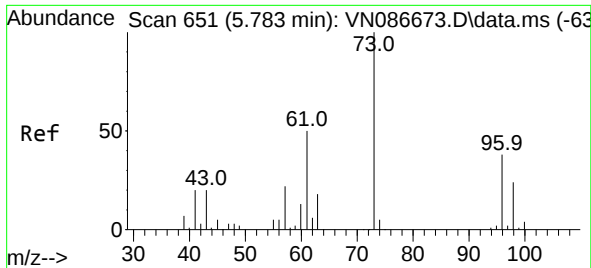
Supervised By :Mahesh
Dadoda
05/29/2025



#20
Methylene Chloride
Concen: 0.702 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

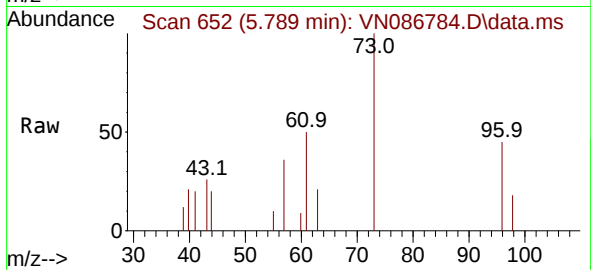
Tgt Ion: 84 Resp: 2134
Ion Ratio Lower Upper
84 100
49 96.8 88.8 133.2
51 33.5 27.8 41.6
86 53.0 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 0.726 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

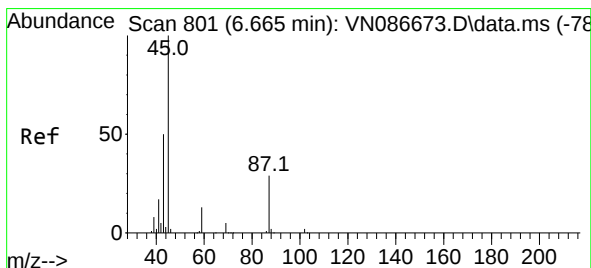
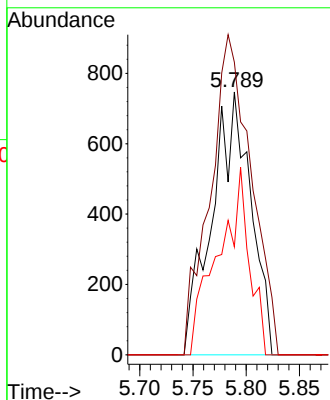
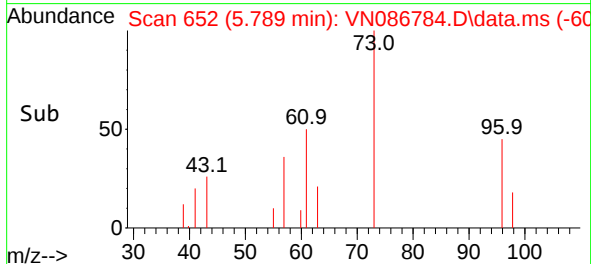


Tgt Ion: 96 Resp: 190
Ion Ratio Lower Upper
96 100
61 111.4 105.7 158.5
98 41.1 51.0 76.6

Manual Integrations
APPROVED

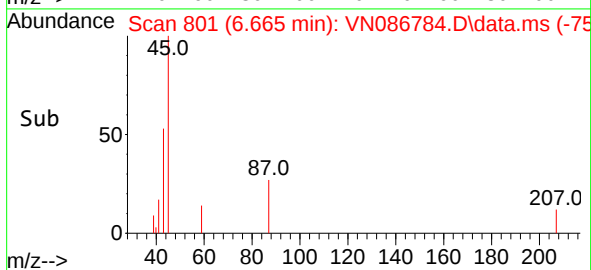
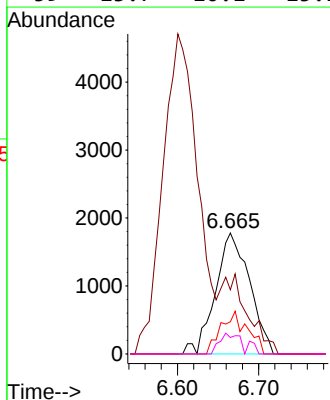
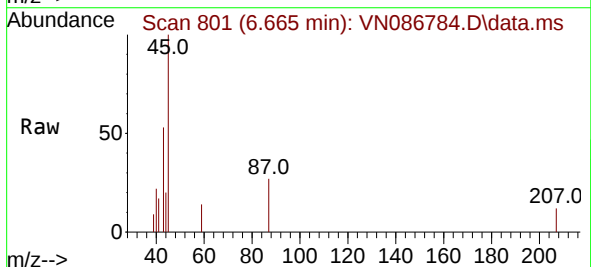
Reviewed By :John
Carlone
05/29/2025

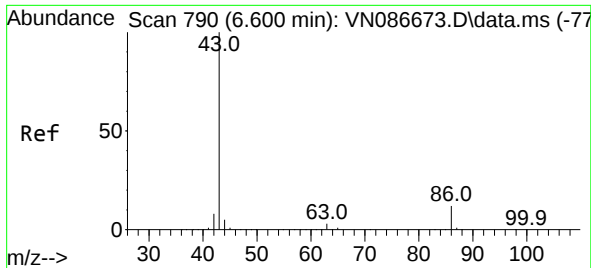
Supervised By :Mahesh
Dadoda
05/29/2025



#22
Diisopropyl ether
Concen: 0.614 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 45 Resp: 5211
Ion Ratio Lower Upper
45 100
43 53.1 41.4 62.2
87 26.6 22.9 34.3
59 13.7 10.1 15.1





#23
 Vinyl Acetate
 Concen: 2.208 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

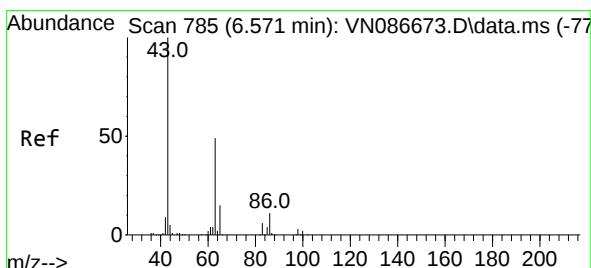
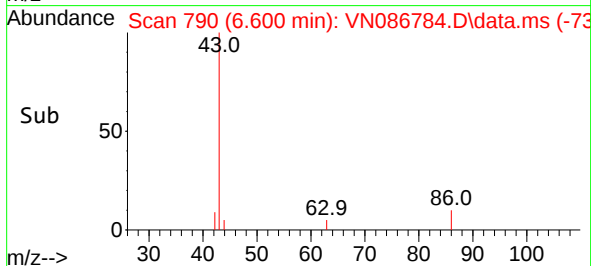
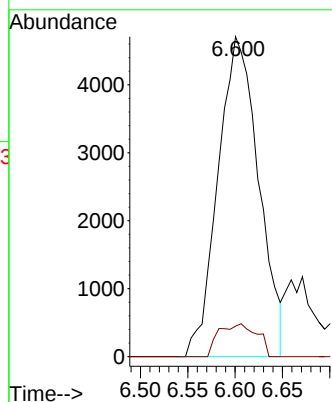
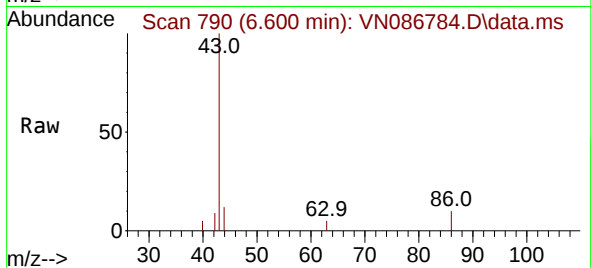
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 1408
 Ion Ratio Lower Upper
 43 100
 86 9.6 9.5 14.3

Manual Integrations
 APPROVED

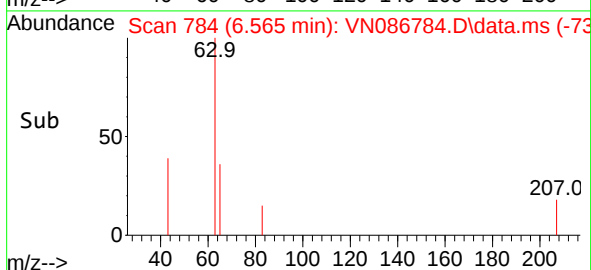
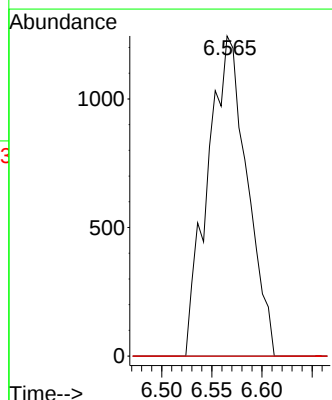
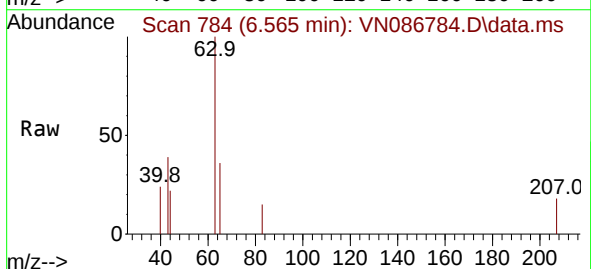
Reviewed By :John
 Carlone
 05/29/2025

Supervised By :Mahesh
 Dadoda
 05/29/2025



#24
 1,1-Dichloroethane
 Concen: 0.680 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

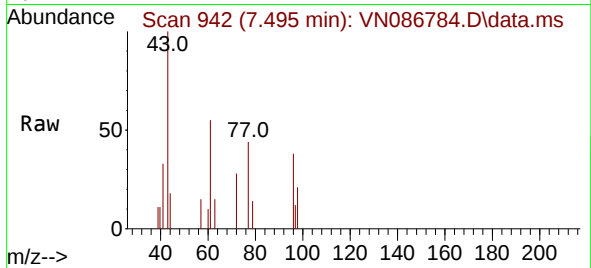
Tgt Ion: 63 Resp: 3388
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.4 10.2#
 100 0.0 2.4 7.1#





#25
2-Butanone
Concen: 3.336 ug/l
RT: 7.495 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

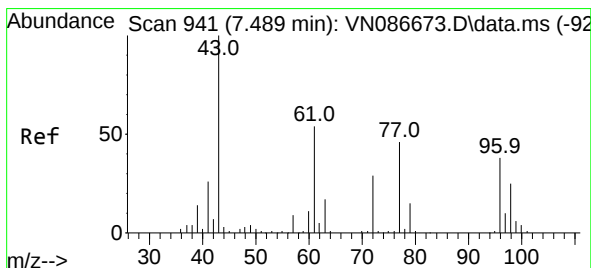
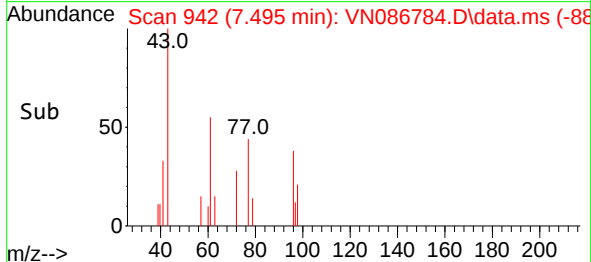
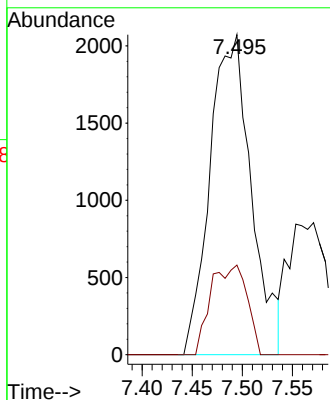


Tgt Ion: 43 Resp: 5938
Ion Ratio Lower Upper
43 100
72 28.0 23.1 34.7

Manual Integrations
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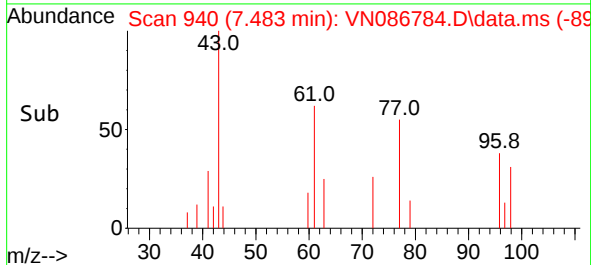
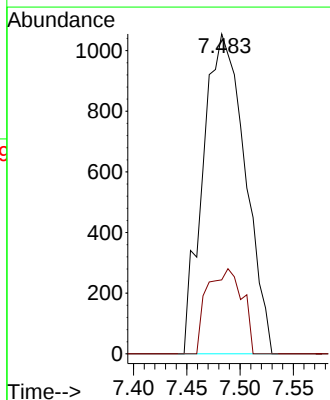
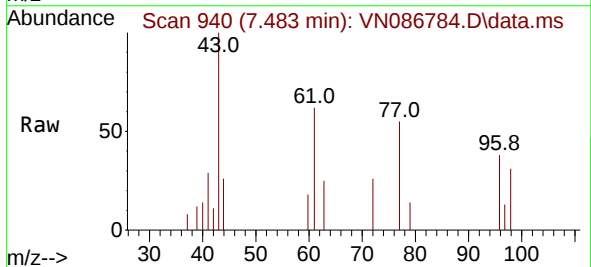
Reviewed By :John
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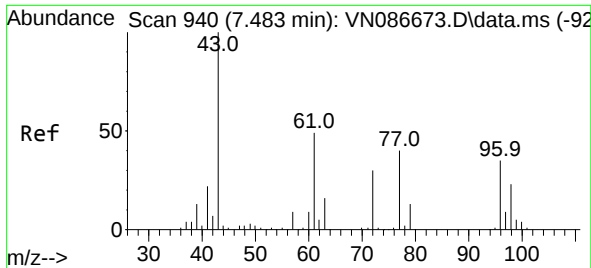
Supervised By :Mahesh
Dadoda
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#26
2,2-Dichloropropane
Concen: 0.706 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

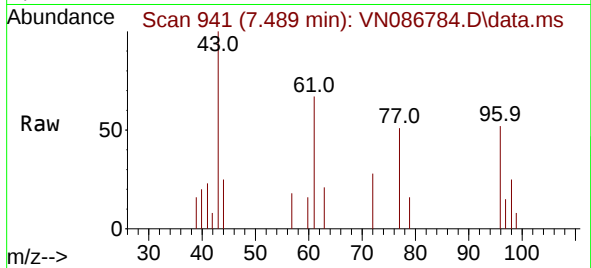
Tgt Ion: 77 Resp: 2903
Ion Ratio Lower Upper
77 100
97 22.1 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 0.735 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

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

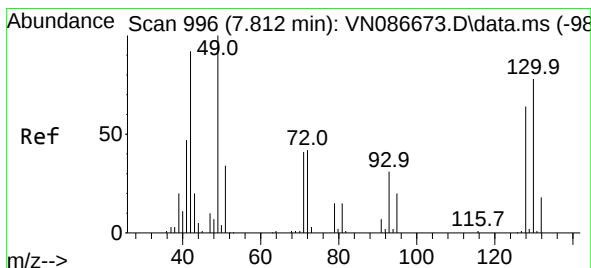
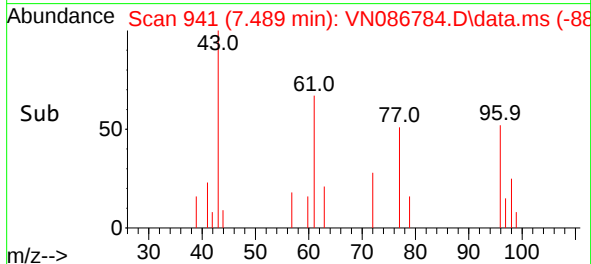
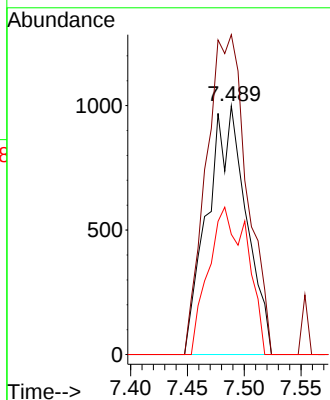


Tgt Ion: 96 Resp: 237
 Ion Ratio Lower Upper
 96 100
 61 135.9 0.0 277.4
 98 59.4 0.0 129.6

Manual Integrations
 APPROVED

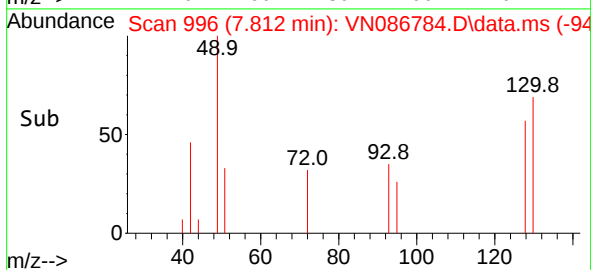
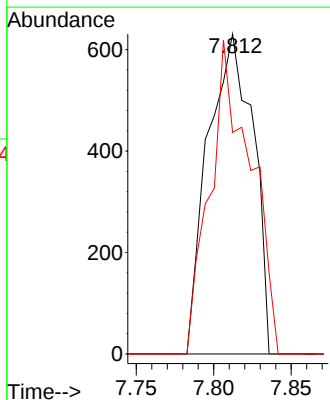
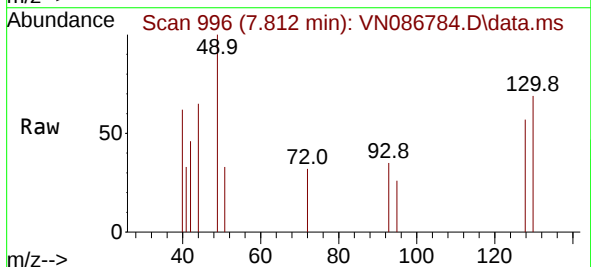
Reviewed By :John
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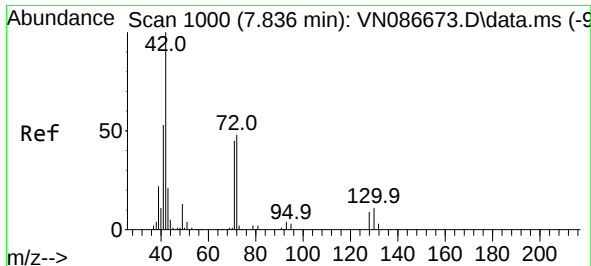
Supervised By :Mahesh
 Dadoda
 05/29/2025



#28
 Bromochloromethane
 Concen: 0.562 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

Tgt Ion: 49 Resp: 1273
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 88.8 62.2 93.4





#29

Tetrahydrofuran

Concen: 2.943 ug/l

RT: 7.847 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 42	Resp: 3419
Ion Ratio	Lower Upper
42 100	
72 51.8	38.7 58.1
71 48.9	36.2 54.4

Manual Integrations

APPROVED

Reviewed By :John

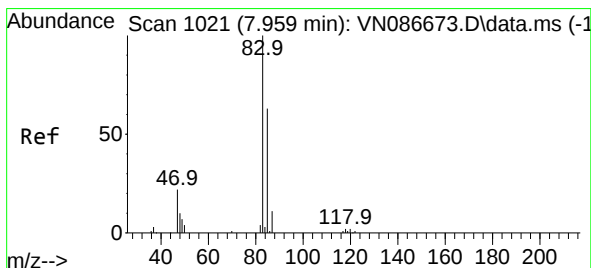
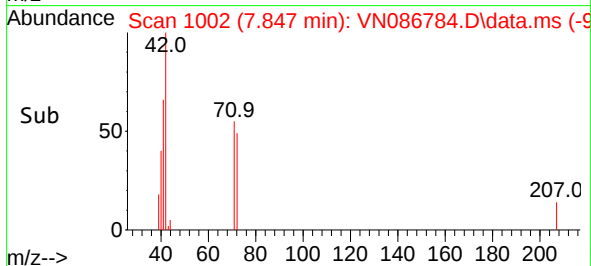
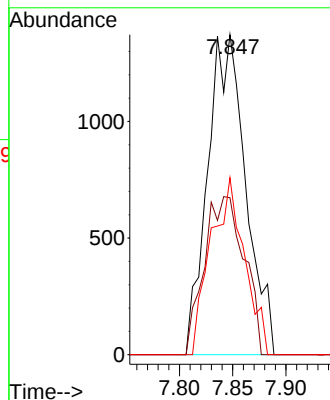
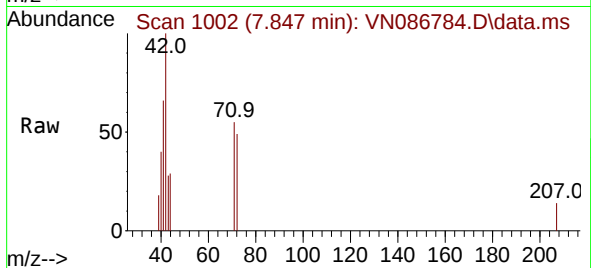
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#30

Chloroform

Concen: 0.667 ug/l

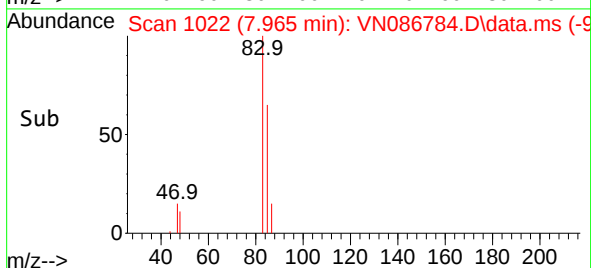
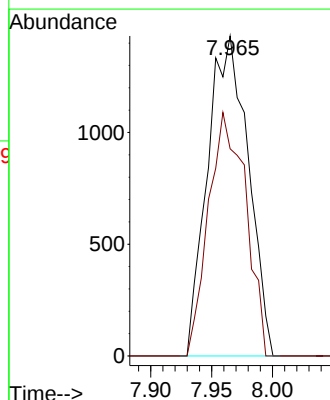
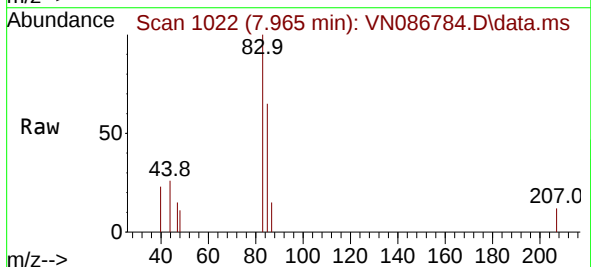
RT: 7.965 min Scan# 1022

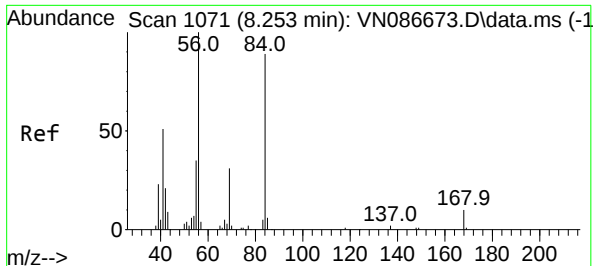
Delta R.T. 0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

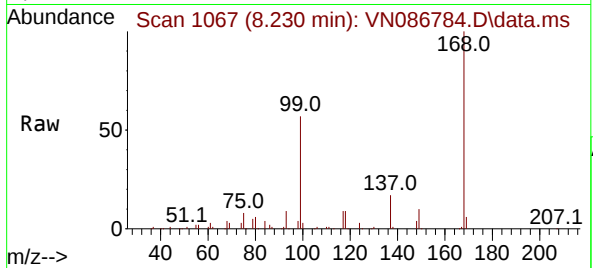
Tgt Ion: 83	Resp: 3326
Ion Ratio	Lower Upper
83 100	
85 64.7	50.2 75.4





#31
Cyclohexane
Concen: 1.446 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

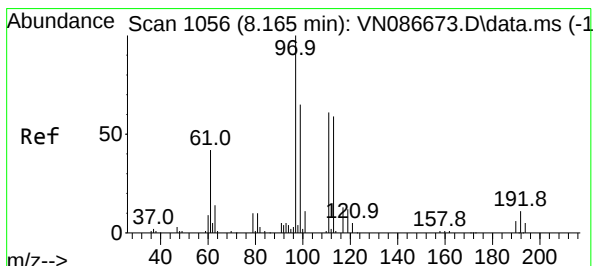
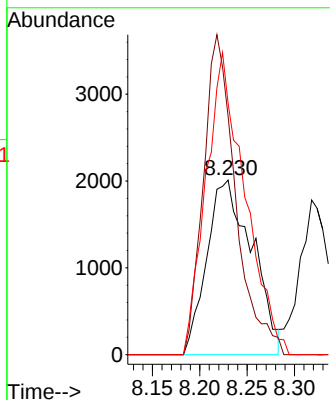
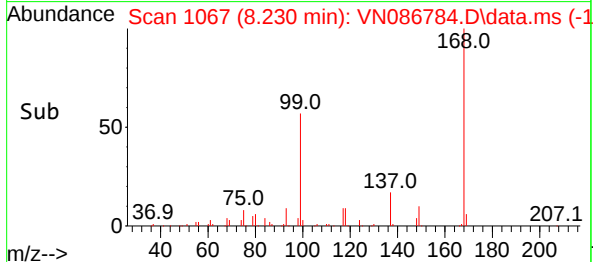


Tgt Ion: 56 Resp: 6684
Ion Ratio Lower Upper
56 100
69 136.4 25.0 37.6
84 143.9 71.0 106.4

Manual Integrations
APPROVED

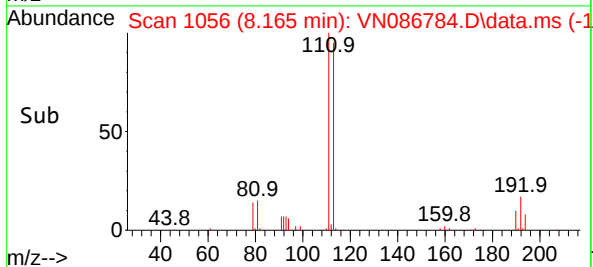
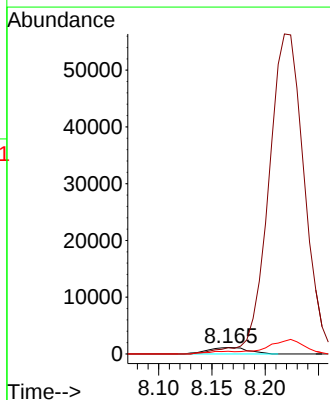
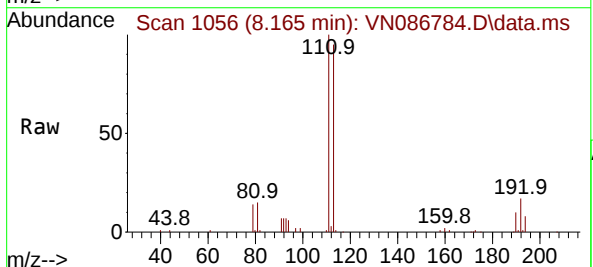
Reviewed By :John
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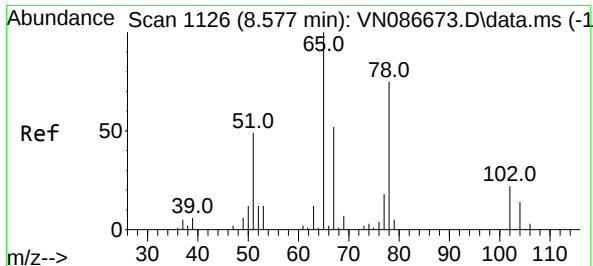
Supervised By :Mahesh
Dadoda
05/29/2025



#32
1,1,1-Trichloroethane
Concen: 0.712 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 97 Resp: 2994
Ion Ratio Lower Upper
97 100
99 0.0 52.6 79.0#
61 28.3 37.7 56.5#





#33

1,2-Dichloroethane-d4

Concen: 44.460 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 65 Resp: 13691

Ion Ratio Lower Upper

65 100

67 55.1 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John

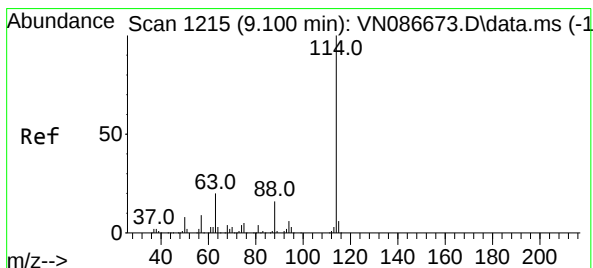
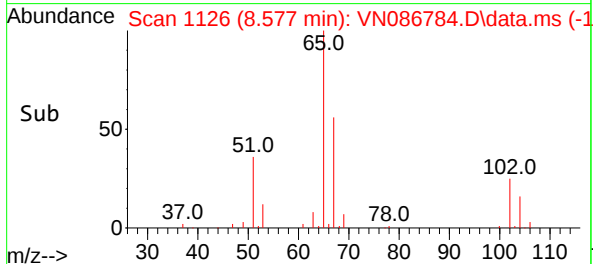
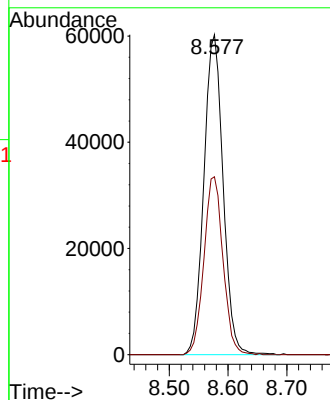
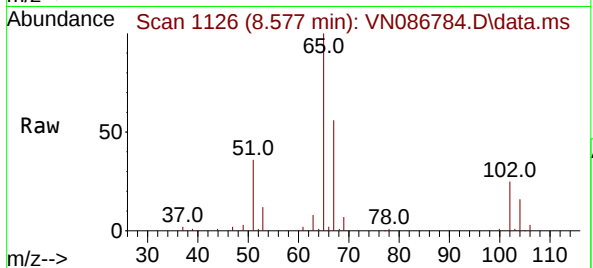
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

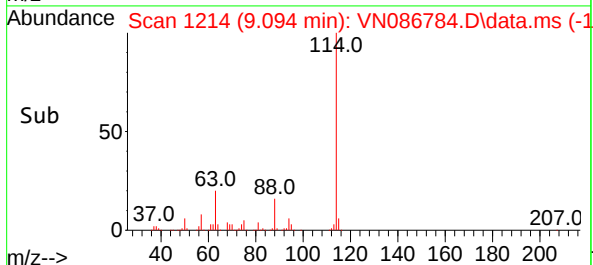
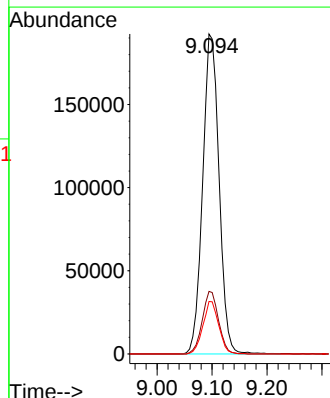
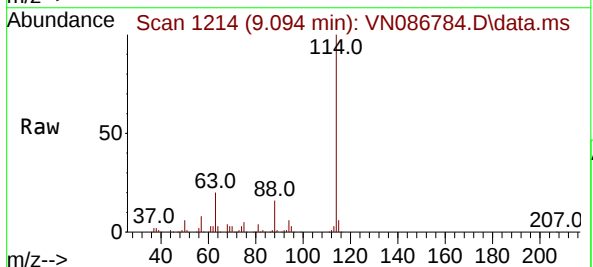
Tgt Ion:114 Resp: 398302

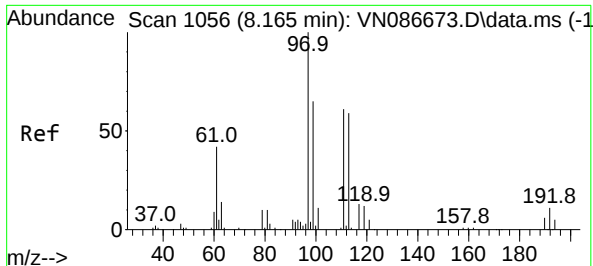
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 16.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.162 ug/l

RT: 8.159 min Scan# 11187

Delta R.T. -0.006 min

Lab File: VN086784.D

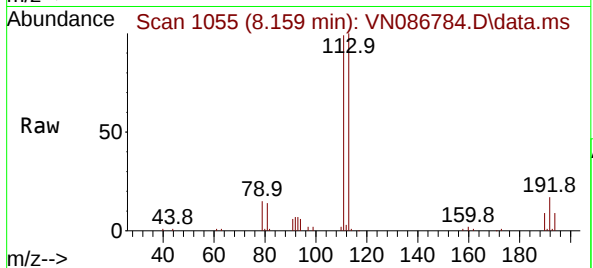
Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	17.9	13.8	20.8

Manual Integrations

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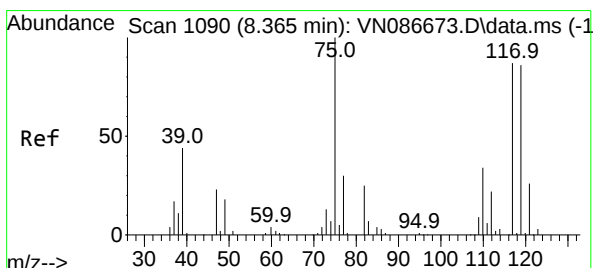
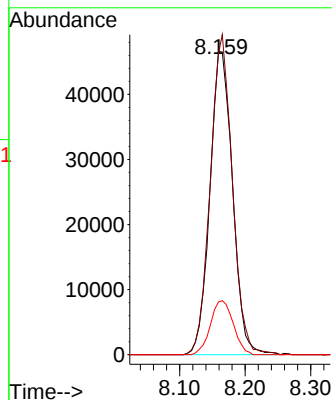
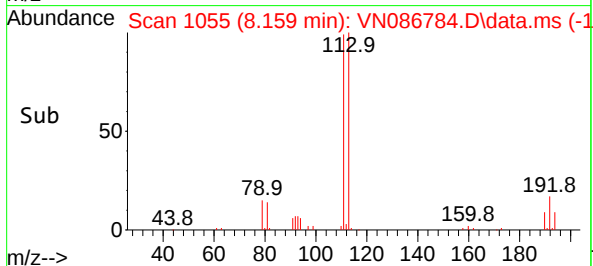
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#36

1,1-Dichloropropene

Concen: 0.686 ug/l

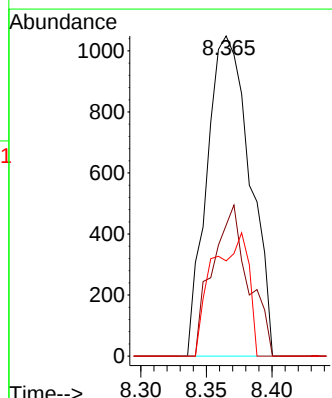
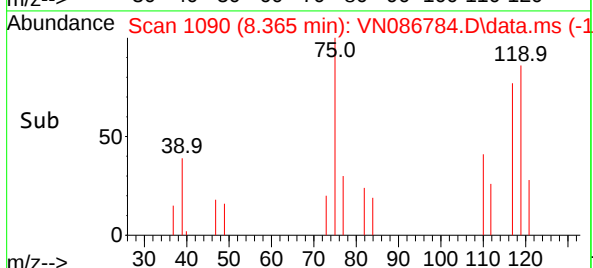
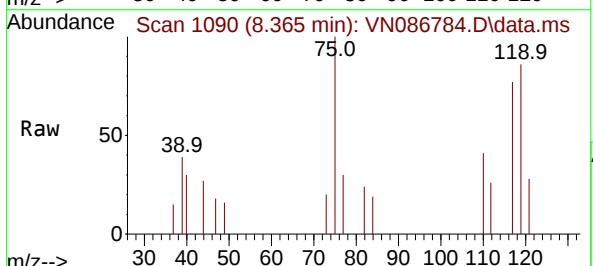
RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.3	17.5	52.5
77	32.2	25.1	37.7





#37

Ethyl Acetate

Concen: 0.648 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN086784.D

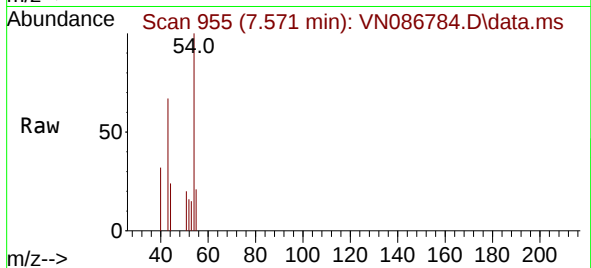
Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:	43	Resp:	229
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.6	17.4
70	4.9	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John

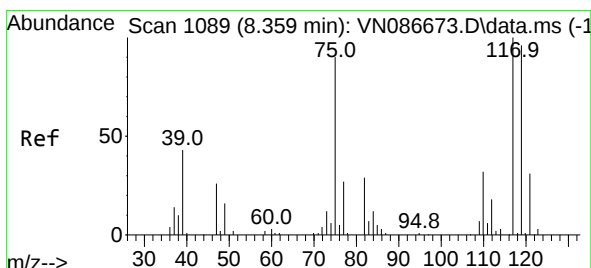
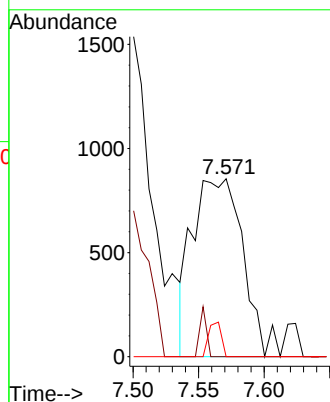
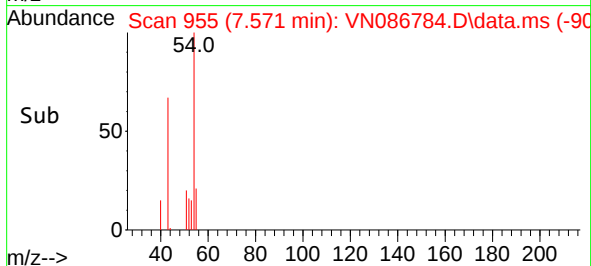
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#38

Carbon Tetrachloride

Concen: 0.687 ug/l

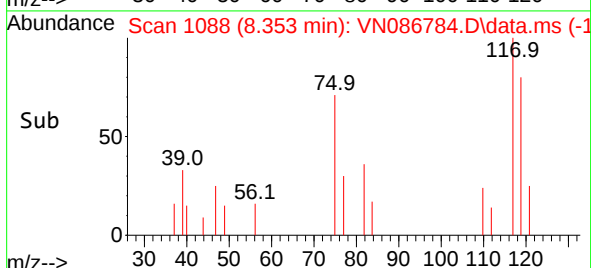
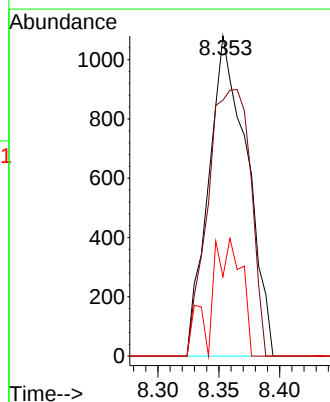
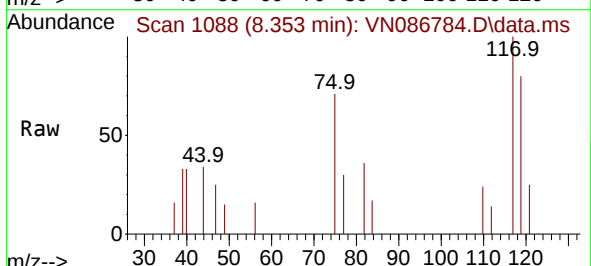
RT: 8.353 min Scan# 1088

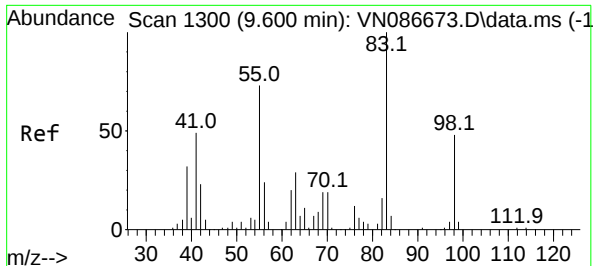
Delta R.T. -0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Tgt Ion:	117	Resp:	2367
Ion Ratio	Lower	Upper	
117	100		
119	79.9	77.0	115.6
121	24.8	25.0	37.6





#39

Methylcyclohexane

Concen: 0.716 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086784.D

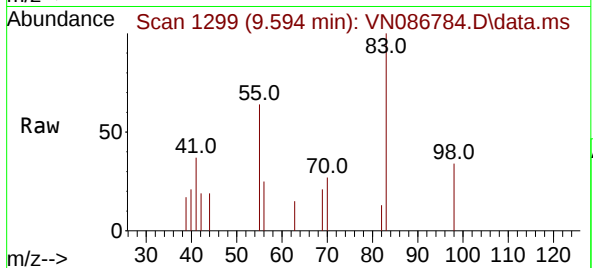
Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion:	83	Resp:	271
Ion Ratio	Lower	Upper	
83	100		
55	63.6	58.2	87.4
98	34.2	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John

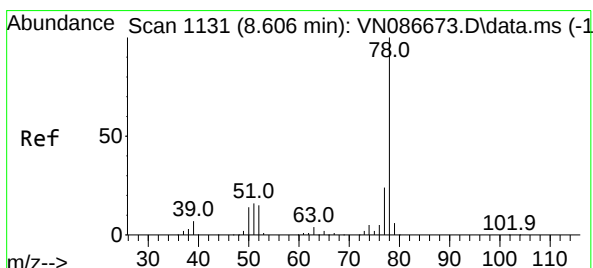
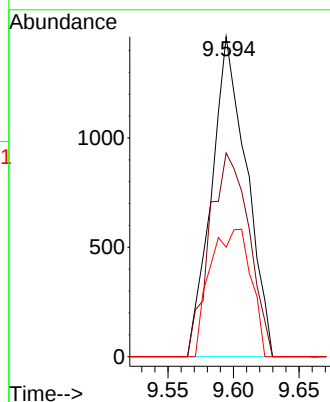
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#40

Benzene

Concen: 0.710 ug/l

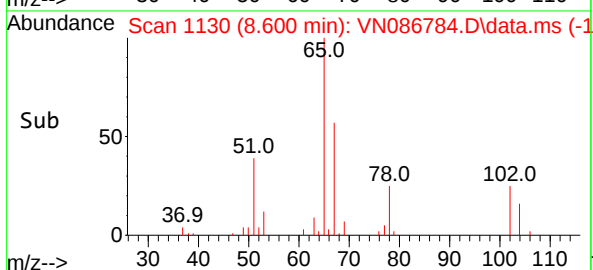
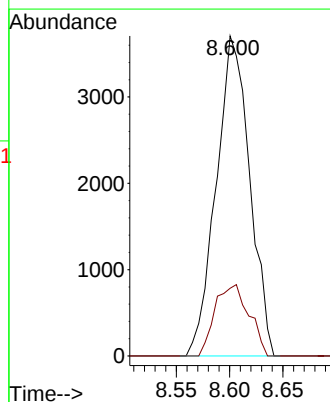
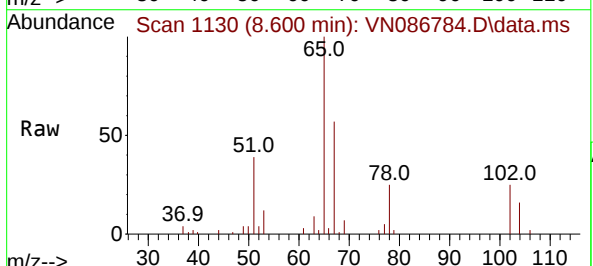
RT: 8.600 min Scan# 1130

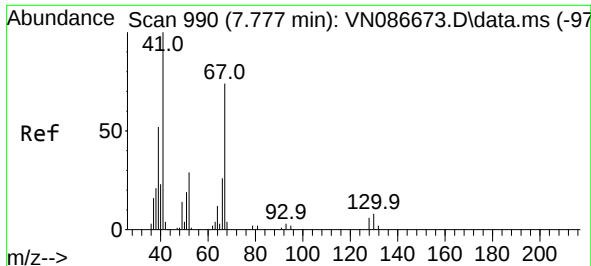
Delta R.T. -0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

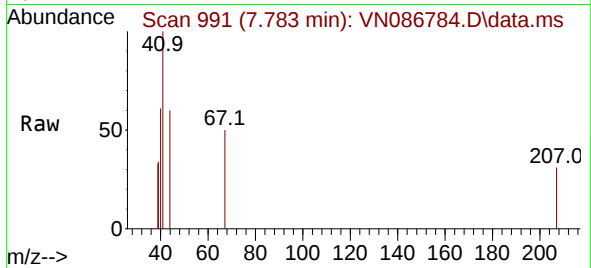
Tgt Ion:	78	Resp:	8105
Ion Ratio	Lower	Upper	
78	100		
77	21.2	19.1	28.7





#41
Methacrylonitrile
Concen: 0.688 ug/l m
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

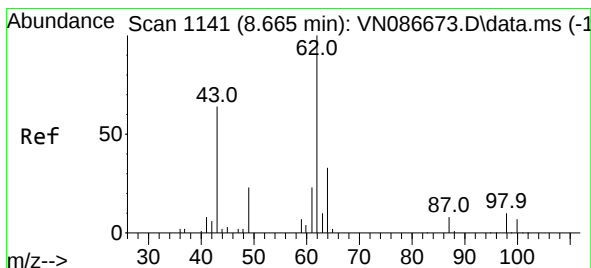
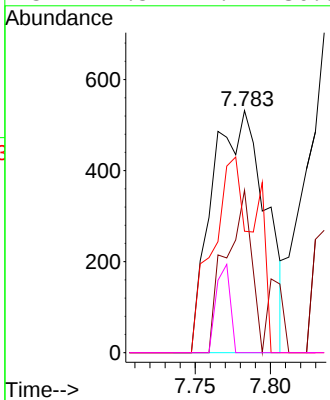
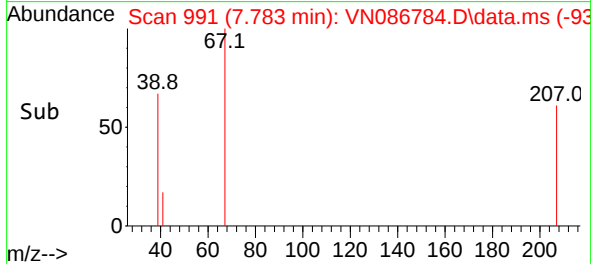


Tgt Ion	Ratio	Lower	Upper
41	100		
39	32.5	44.9	67.3
67	64.4	63.4	95.0
52	9.5	24.4	36.6

Manual Integrations
APPROVED

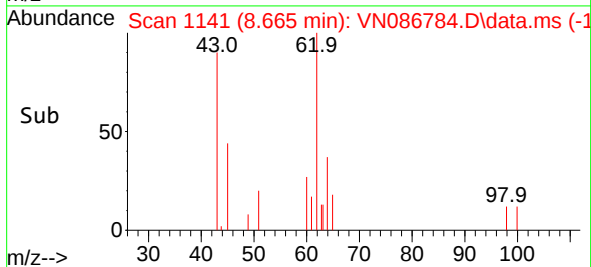
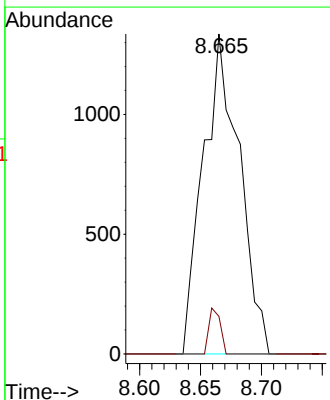
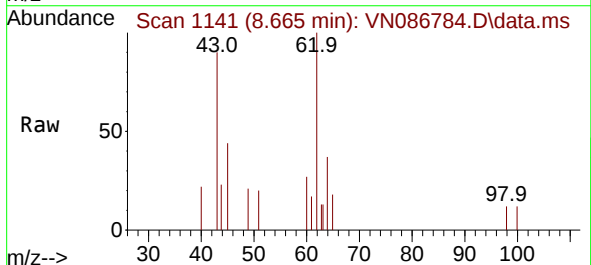
Reviewed By :John
Carlone
05/29/2025

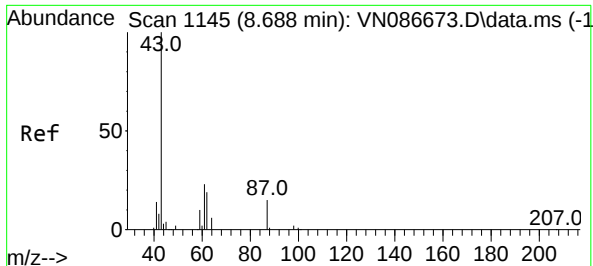
Supervised By :Mahesh
Dadoda
05/29/2025



#42
1,2-Dichloroethane
Concen: 0.779 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

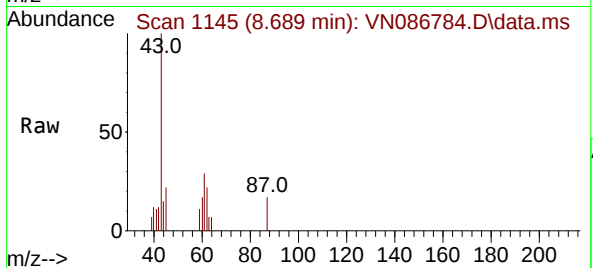
Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.4	0.0	19.2





#43
Isopropyl Acetate
Concen: 1.025 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

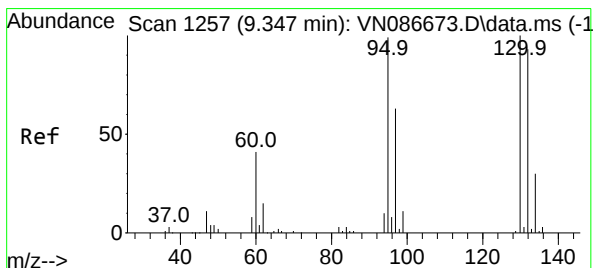
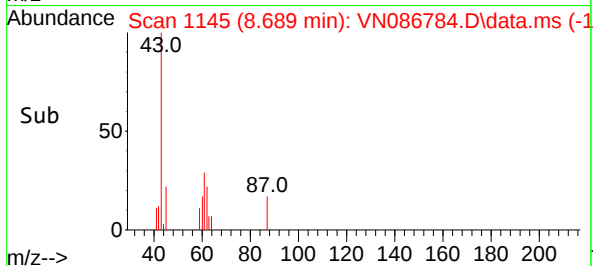
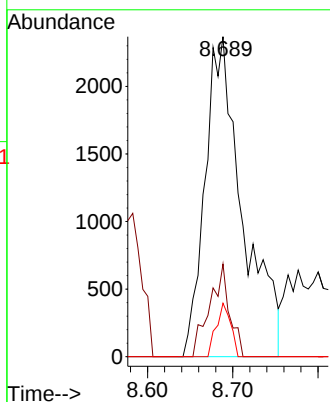


Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
61 15.4 21.4 32.2
87 6.4 11.1 16.7

Manual Integrations
APPROVED

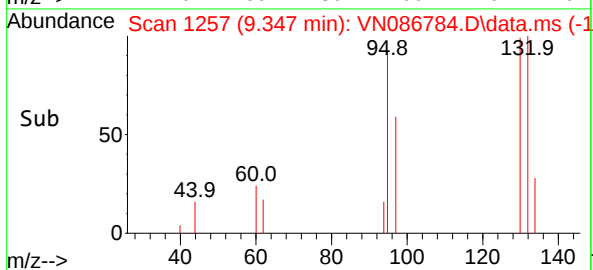
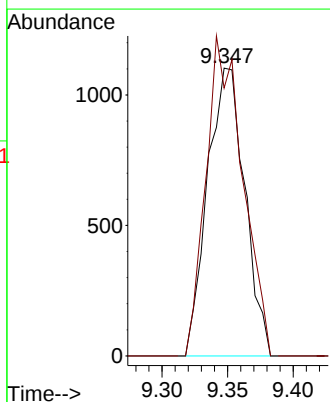
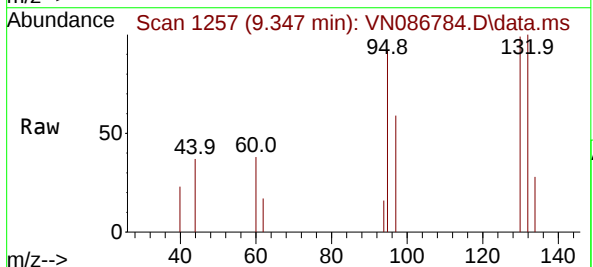
Reviewed By :John
Carlone
05/29/2025

Supervised By :Mahesh
Dadoda
05/29/2025



#44
Trichloroethene
Concen: 0.793 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion:130 Resp: 2182
Ion Ratio Lower Upper
130 100
95 93.0 0.0 197.0





#45

1,2-Dichloropropane

Concen: 0.628 ug/l

RT: 9.612 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 63 Resp: 1704

Ion Ratio Lower Upper

63 100

65 31.2 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John

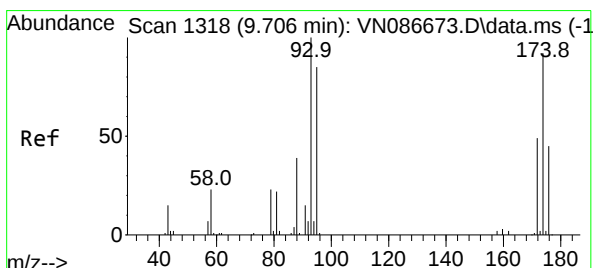
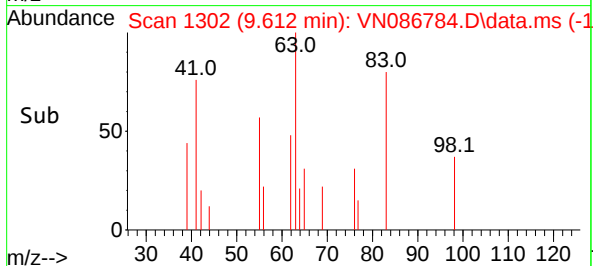
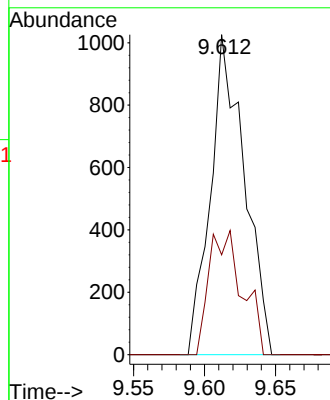
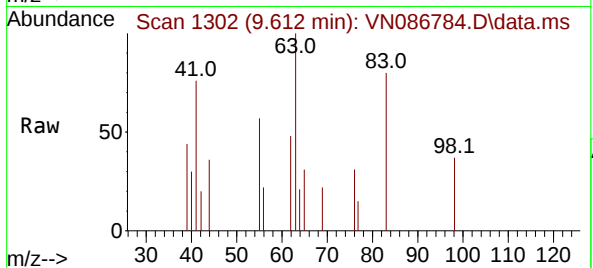
Carlone

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Supervised By :Mahesh

Dadoda

05/29/2025



#46

Dibromomethane

Concen: 0.726 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

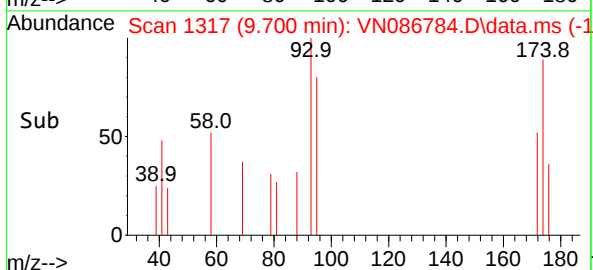
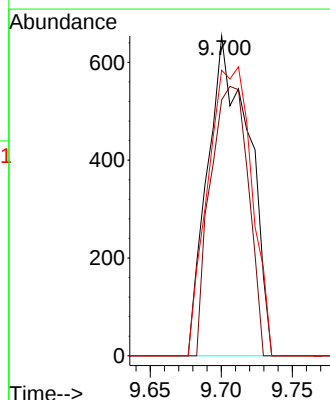
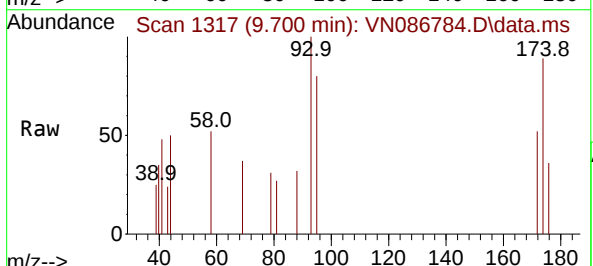
Tgt Ion: 93 Resp: 1328

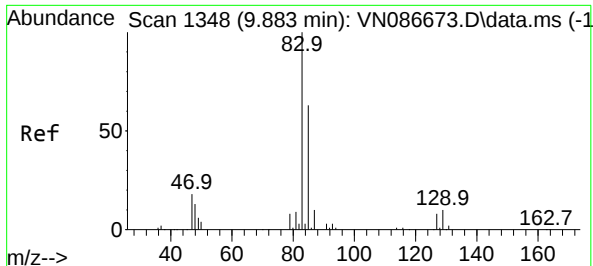
Ion Ratio Lower Upper

93 100

95 76.9 67.1 100.7

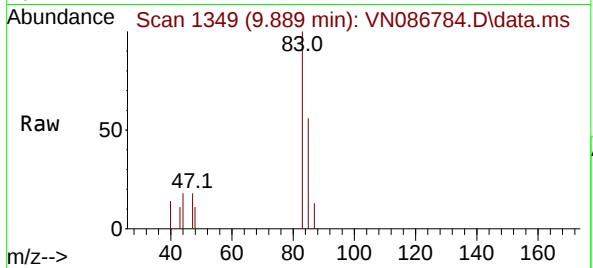
174 95.4 73.8 110.6





#47
Bromodichloromethane
Concen: 0.703 ug/l
RT: 9.889 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

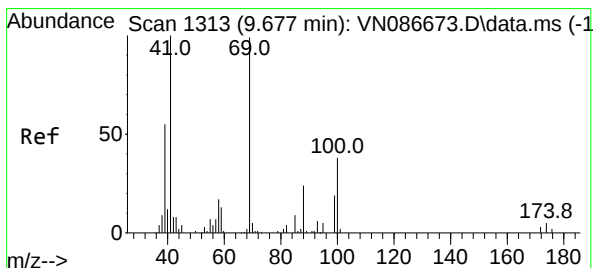
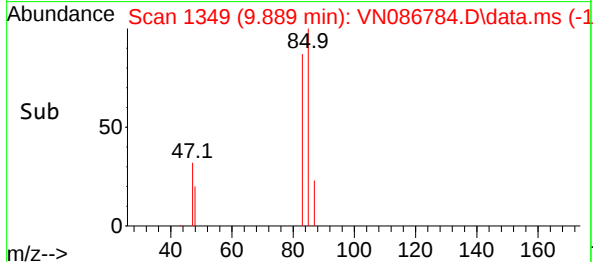
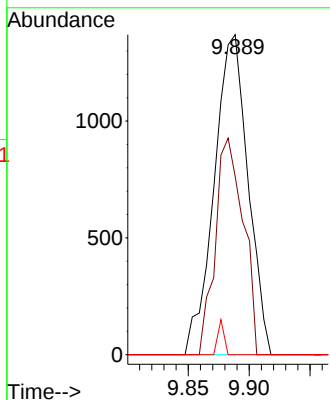


Tgt Ion: 83 Resp: 2649
Ion Ratio Lower Upper
83 100
85 55.8 50.1 75.1
127 0.0 6.2 9.4

Manual Integrations
APPROVED

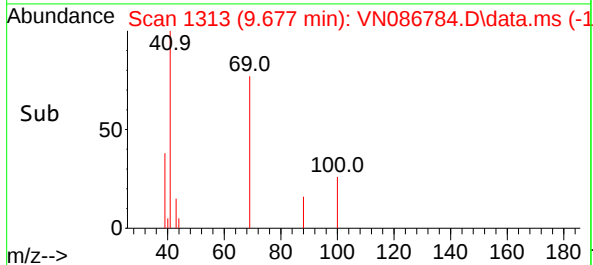
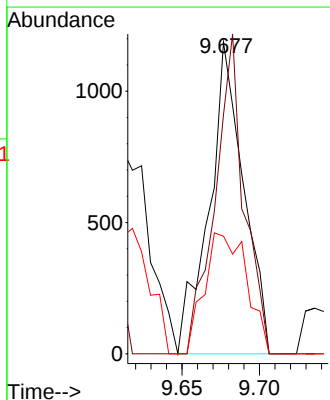
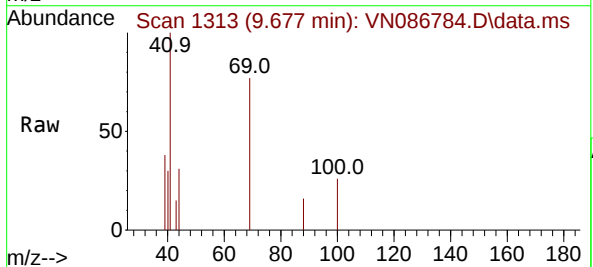
Reviewed By :John
Carlone
05/29/2025

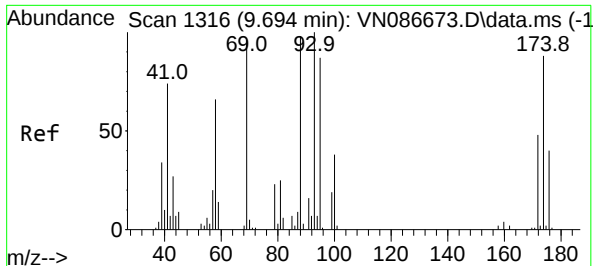
Supervised By :Mahesh
Dadoda
05/29/2025



#48
Methyl methacrylate
Concen: 0.671 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 41 Resp: 1843
Ion Ratio Lower Upper
41 100
69 86.2 74.1 111.1
39 47.5 44.1 66.1





#49

1,4-Dioxane

Concen: 11.301 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN086784.D

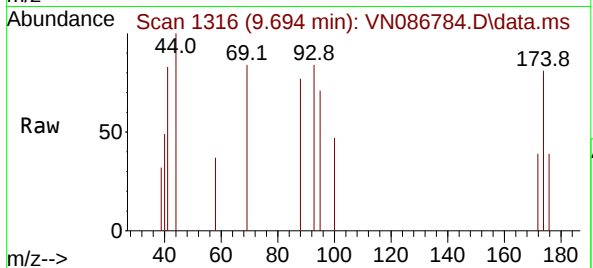
Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 88	Resp: 65
Ion Ratio	Lower Upper
88	100
43	0.0 23.6 35.4
58	66.4 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John

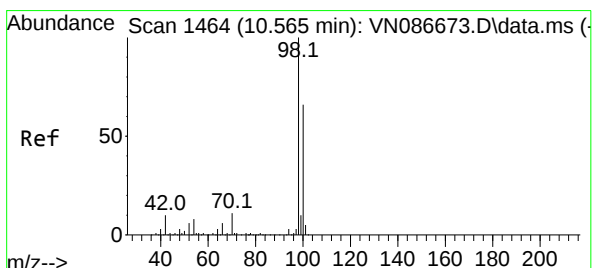
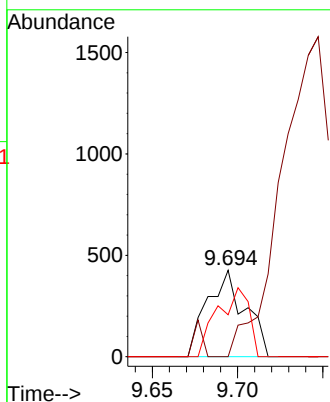
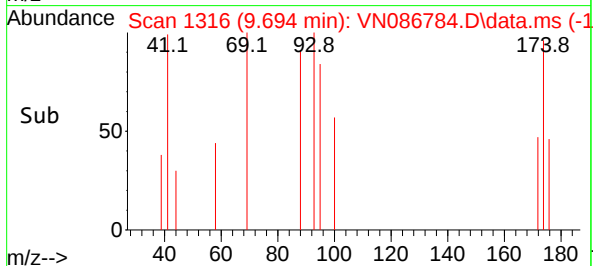
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Supervised By :Mahesh

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#50

Toluene-d8

Concen: 47.313 ug/l

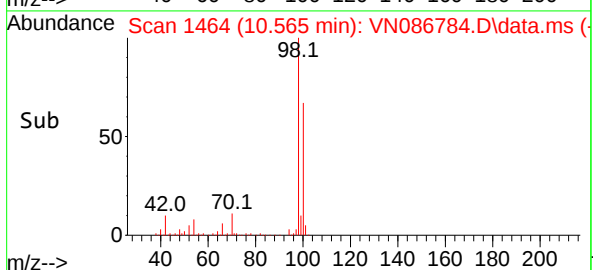
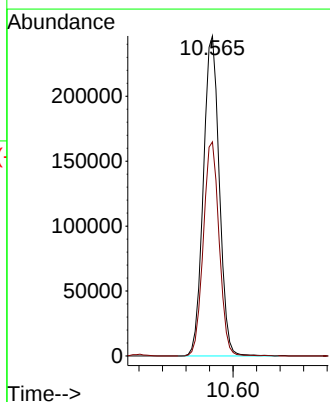
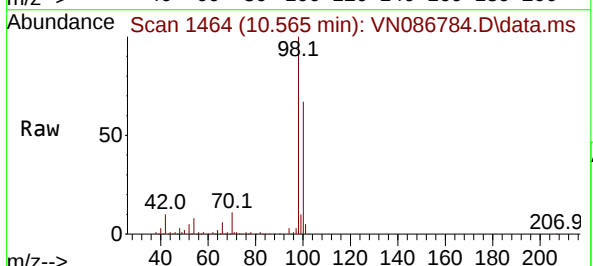
RT: 10.565 min Scan# 1464

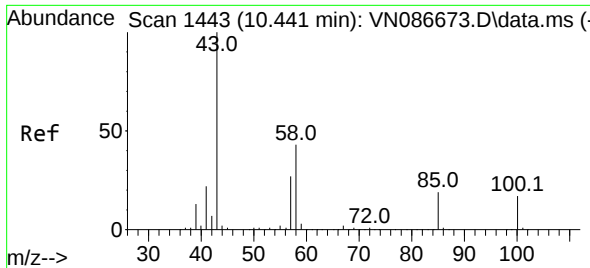
Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Tgt Ion: 98	Resp: 465086
Ion Ratio	Lower Upper
98	100
100	66.3 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 3.021 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

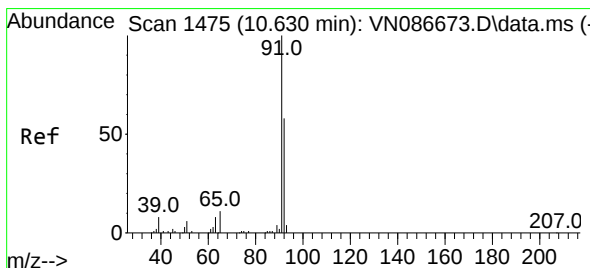
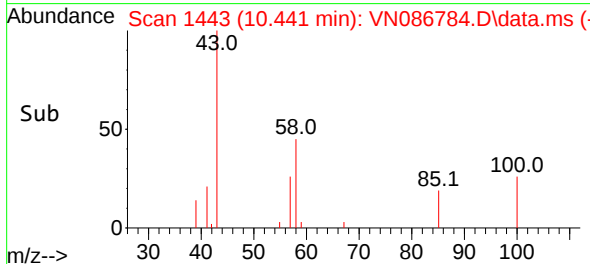
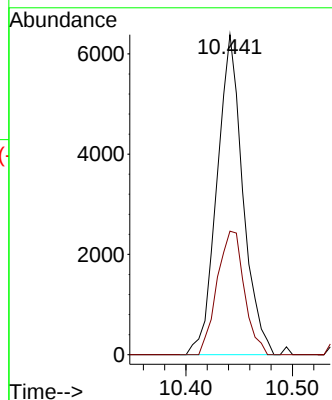
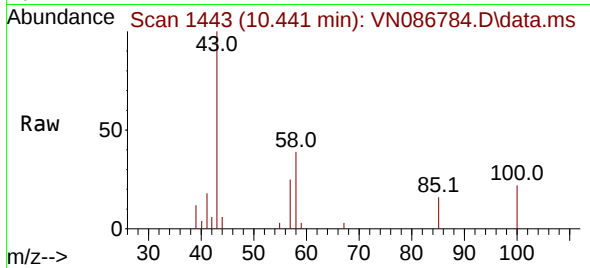
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 10795
Ion Ratio Lower Upper
43 100
58 40.4 33.9 50.9

Manual Integrations
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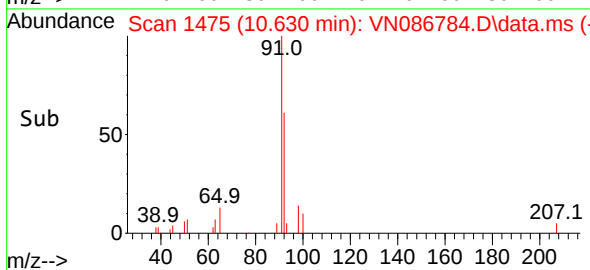
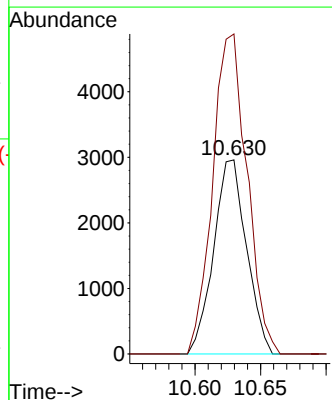
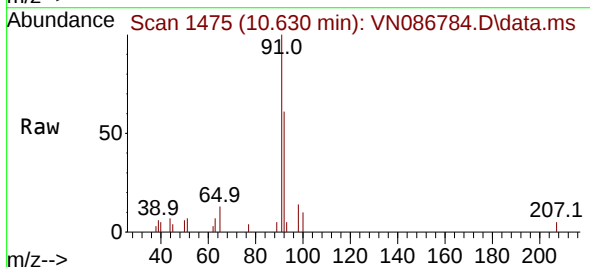
Reviewed By :John
Carlone
05/29/2025

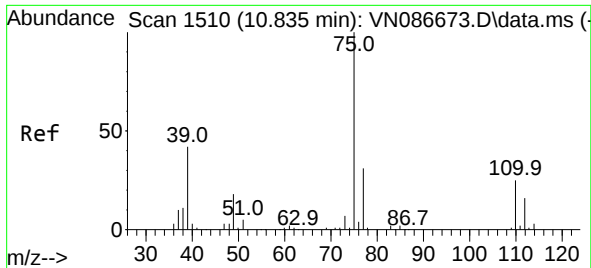
Supervised By :Mahesh
Dadoda
05/29/2025



#52
Toluene
Concen: 0.727 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

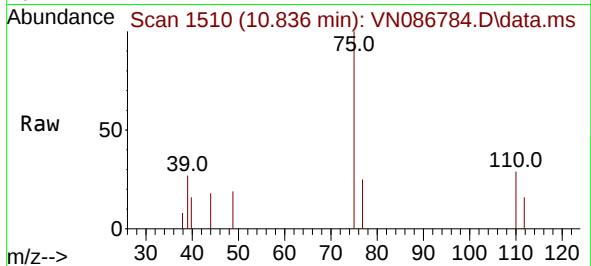
Tgt Ion: 92 Resp: 5160
Ion Ratio Lower Upper
92 100
91 172.5 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 0.759 ug/l
RT: 10.836 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

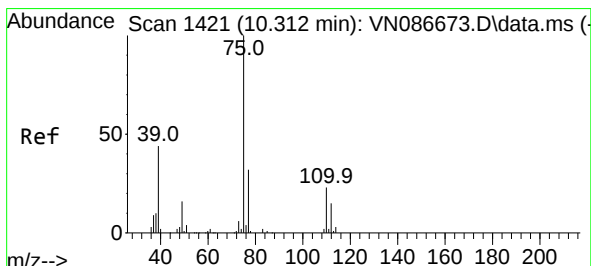
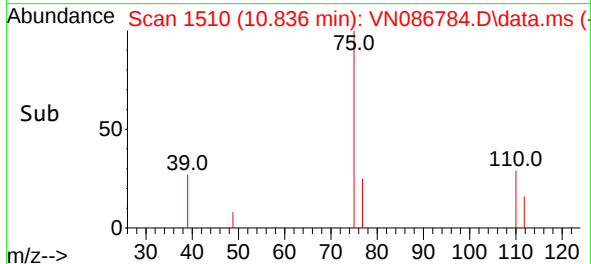
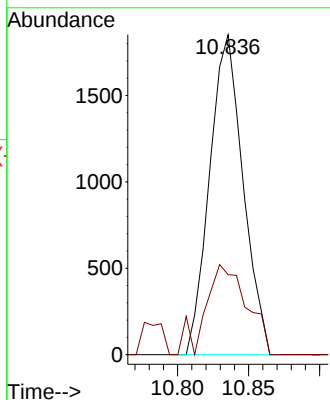


Tgt Ion: 75 Resp: 3030
Ion Ratio Lower Upper
75 100
77 25.0 25.2 37.8

Manual Integrations
APPROVED

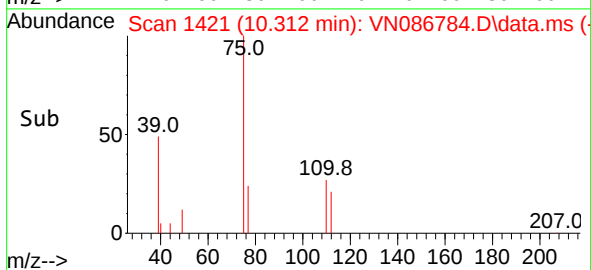
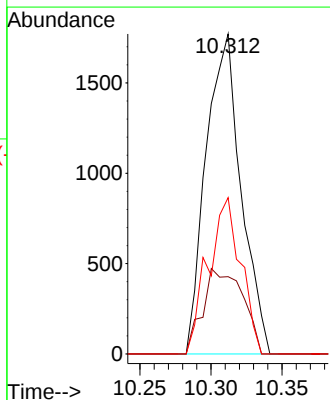
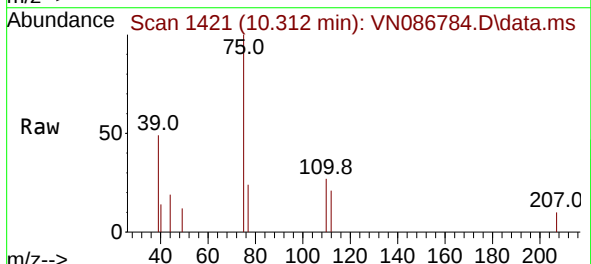
Reviewed By :John
Carlone
05/29/2025

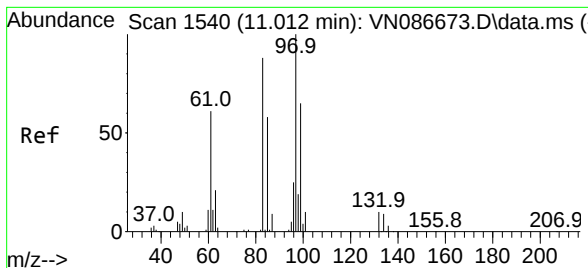
Supervised By :Mahesh
Dadoda
05/29/2025



#54
cis-1,3-Dichloropropene
Concen: 0.698 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

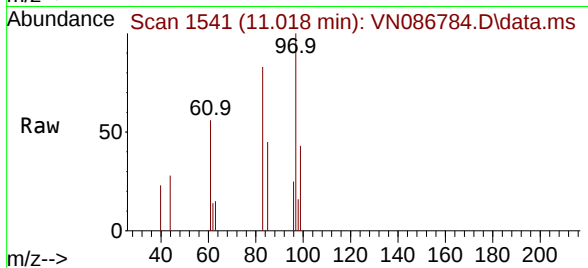
Tgt Ion: 75 Resp: 3040
Ion Ratio Lower Upper
75 100
77 24.2 25.3 37.9#
39 48.8 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 0.696 ug/l
RT: 11.018 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

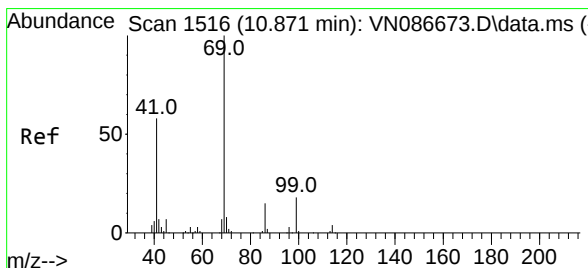
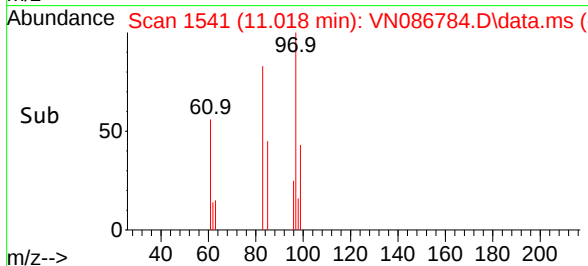
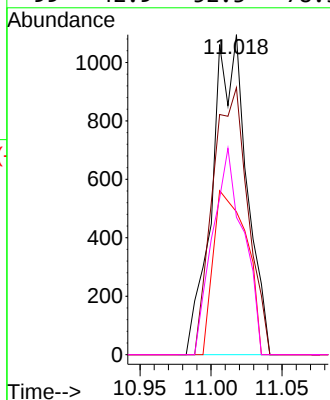


Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.4	105.6
85	44.7	46.1	69.1
99	42.9	52.3	78.5

Manual Integrations
APPROVED

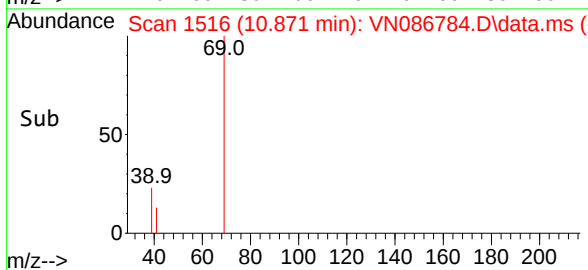
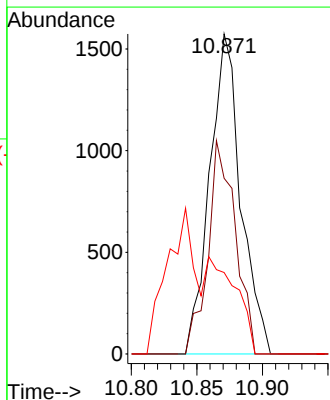
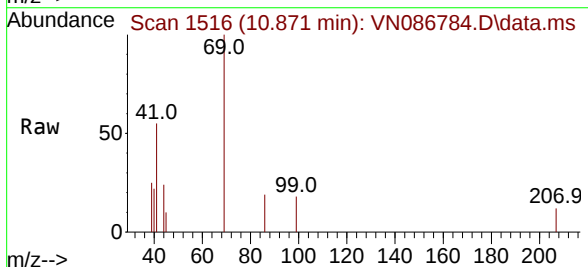
Reviewed By :John
Carlone
05/29/2025

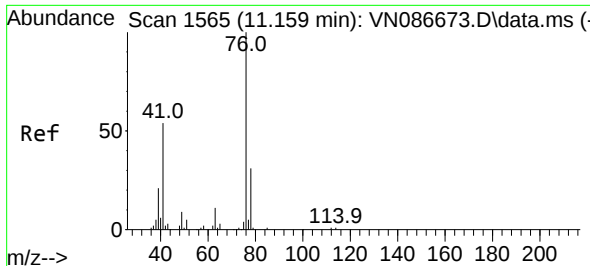
Supervised By :Mahesh
Dadoda
05/29/2025



#56
Ethyl methacrylate
Concen: 0.611 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.5	47.4	71.0
39	29.3	24.0	36.0





#57

1,3-Dichloropropane

Concen: 0.680 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 3100
 Ion Ratio Lower Upper
 76 100
 78 28.3 25.8 38.8

Manual Integrations
 APPROVED

Reviewed By :John

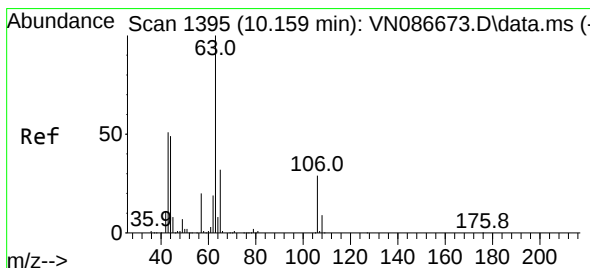
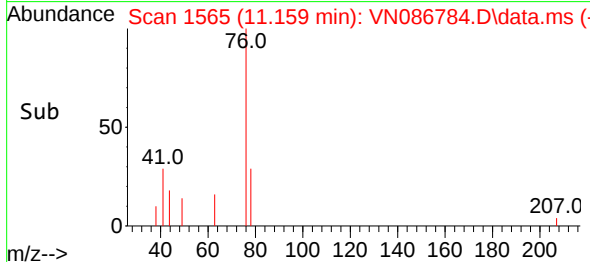
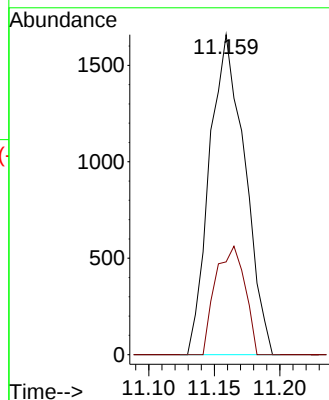
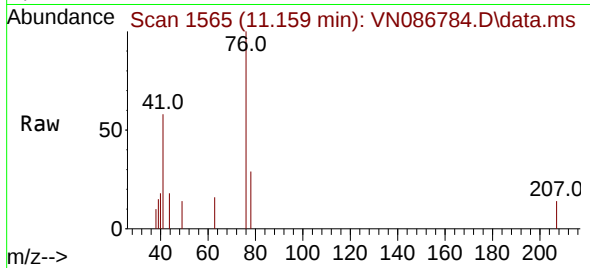
Carlone

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Supervised By :Mahesh

Dadoda

05/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 3.008 ug/l

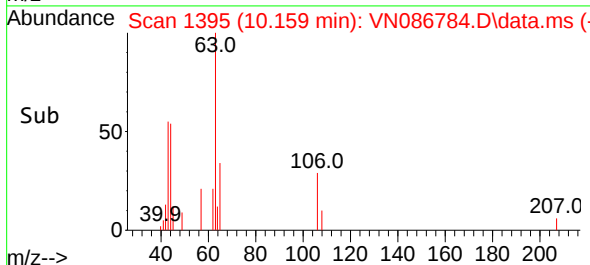
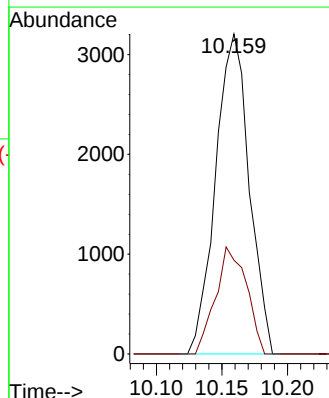
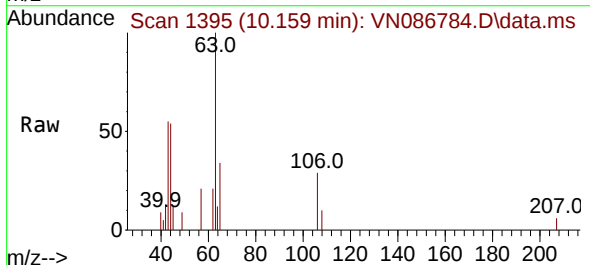
RT: 10.159 min Scan# 1395

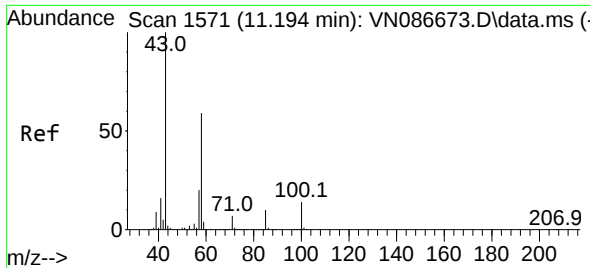
Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

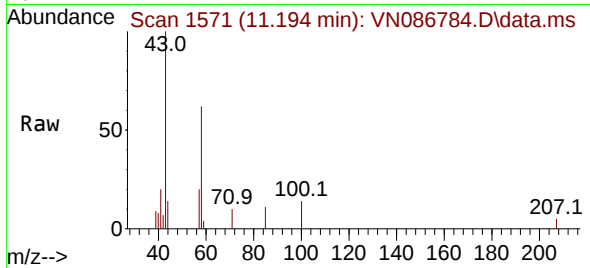
Tgt Ion: 63 Resp: 5712
 Ion Ratio Lower Upper
 63 100
 106 30.8 23.1 34.7





#59
2-Hexanone
Concen: 2.945 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

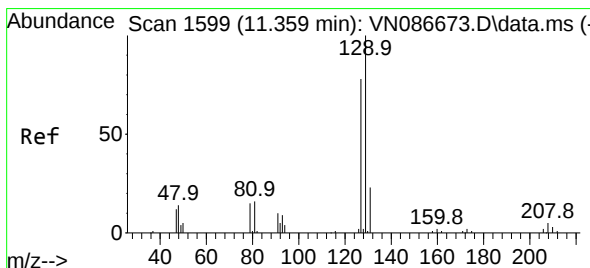
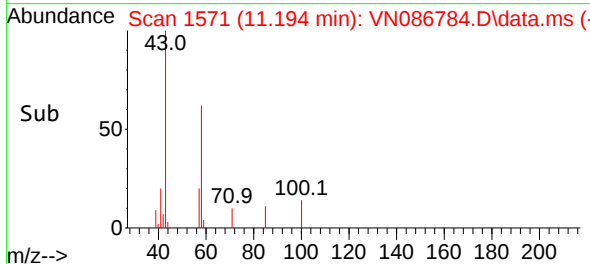
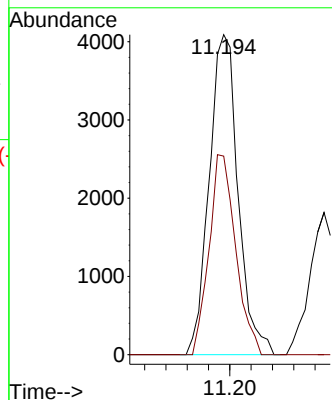


Tgt Ion: 43 Resp: 7684
Ion Ratio Lower Upper
43 100
58 57.7 29.8 89.5

Manual Integrations
APPROVED

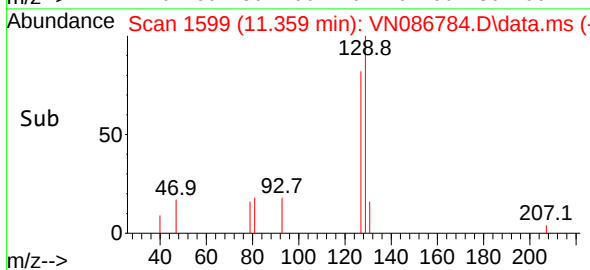
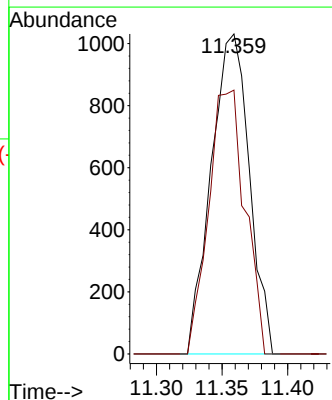
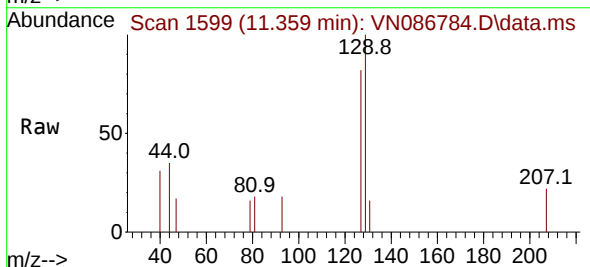
Reviewed By :John
Carlone
05/29/2025

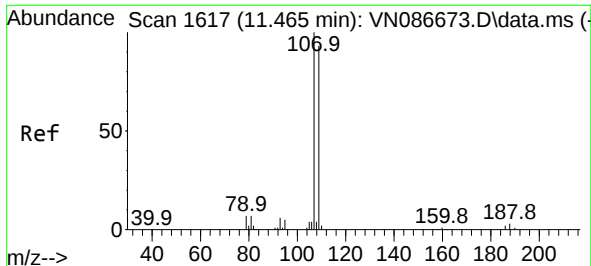
Supervised By :Mahesh
Dadoda
05/29/2025



#60
Dibromochloromethane
Concen: 0.753 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion:129 Resp: 2088
Ion Ratio Lower Upper
129 100
127 78.8 39.5 118.3





#61
1,2-Dibromoethane
Concen: 0.668 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

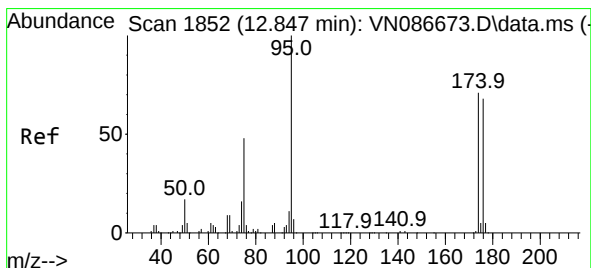
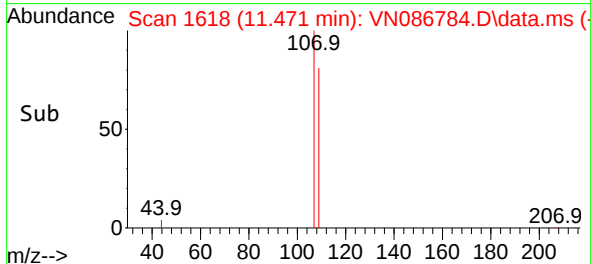
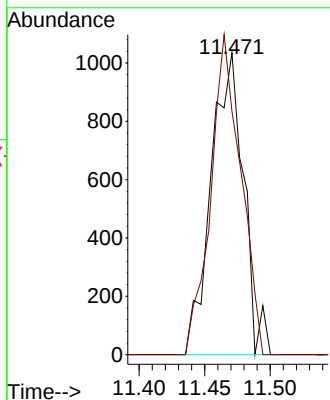
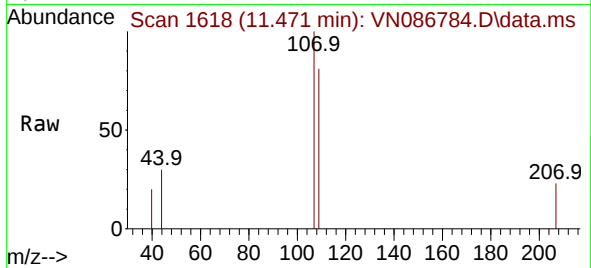
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:107 Resp: 1770
Ion Ratio Lower Upper
107 100
109 98.5 75.0 112.4

Manual Integrations
APPROVED

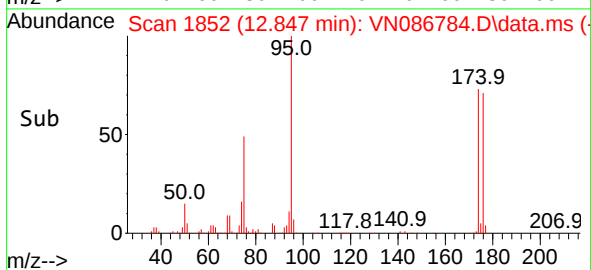
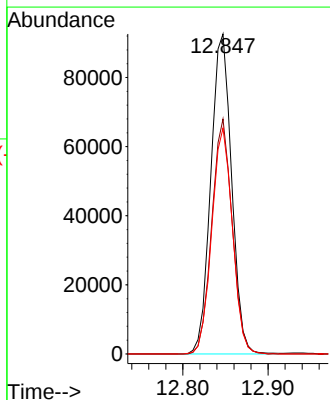
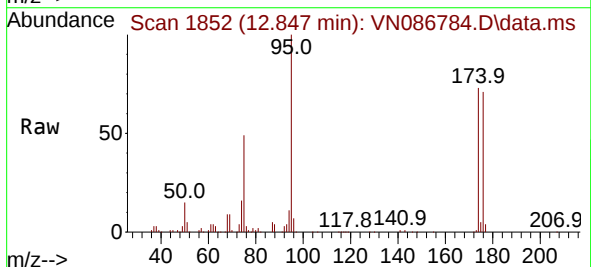
Reviewed By :John
Carlone
05/29/2025

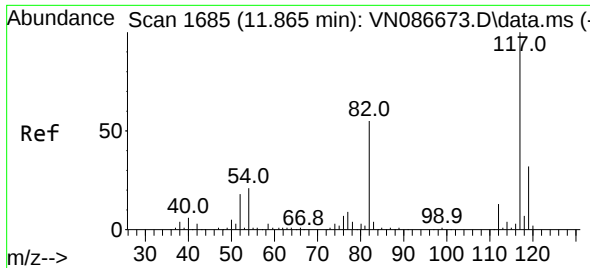
Supervised By :Mahesh
Dadoda
05/29/2025



#62
4-Bromofluorobenzene
Concen: 45.179 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

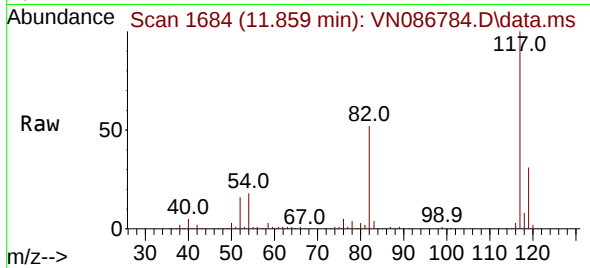
Tgt Ion: 95 Resp: 156810
Ion Ratio Lower Upper
95 100
174 72.4 0.0 145.4
176 70.3 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

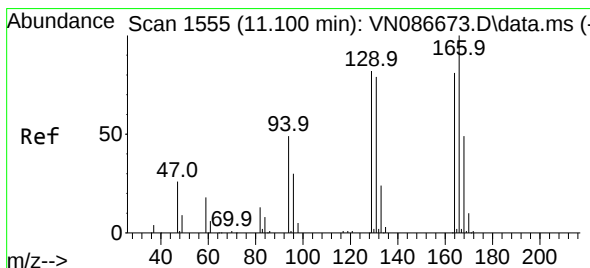
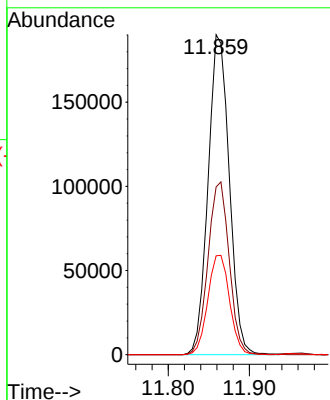
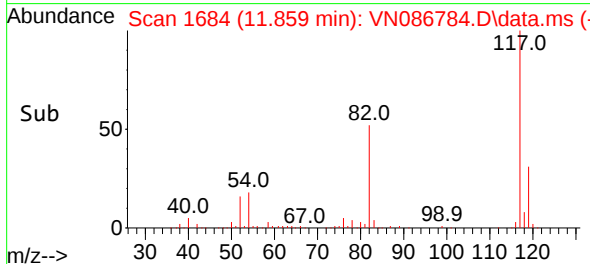


Tgt Ion:117 Resp: 34445
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 30.9 25.4 38.2

Manual Integrations
APPROVED

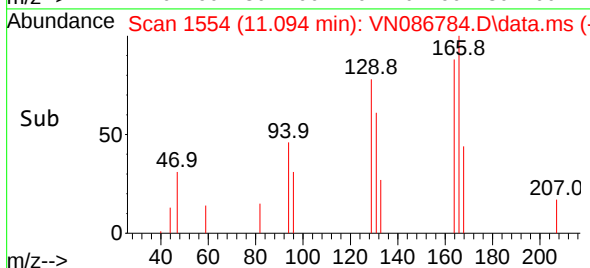
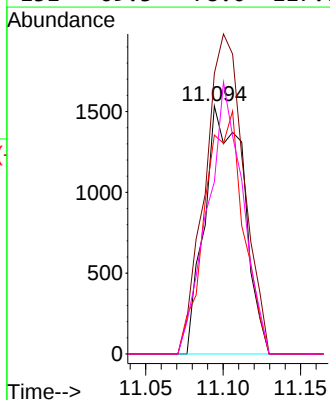
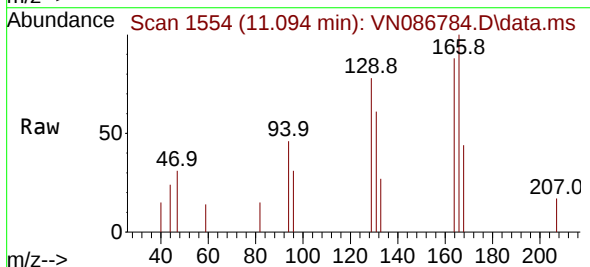
Reviewed By :John
Carlone
05/29/2025

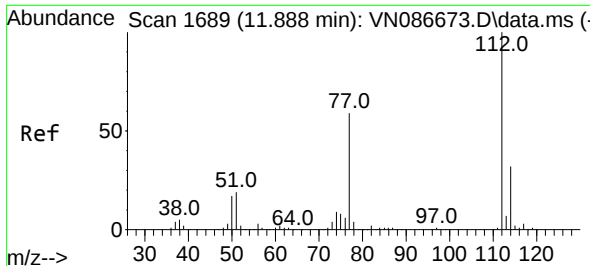
Supervised By :Mahesh
Dadoda
05/29/2025



#64
Tetrachloroethene
Concen: 1.016 ug/l
RT: 11.094 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

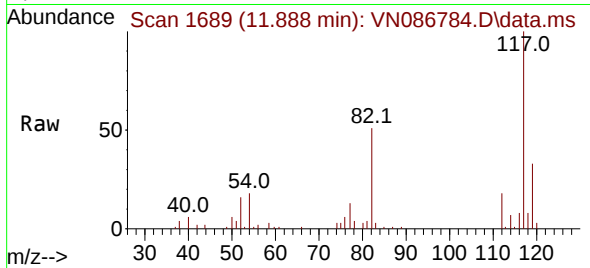
Tgt Ion:164 Resp: 2681
Ion Ratio Lower Upper
164 100
166 113.2 98.2 147.4
129 88.2 81.0 121.4
131 69.3 78.0 117.0#





#65
Chlorobenzene
Concen: 0.766 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

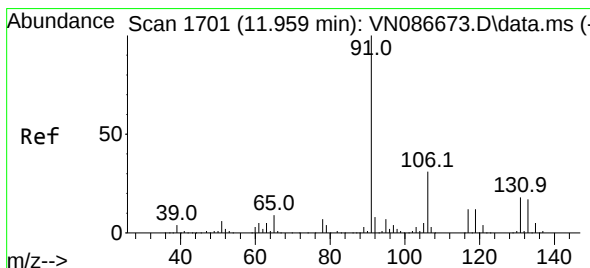
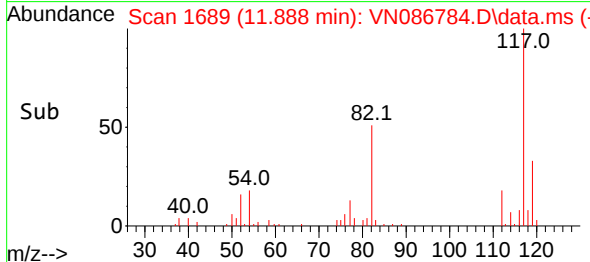
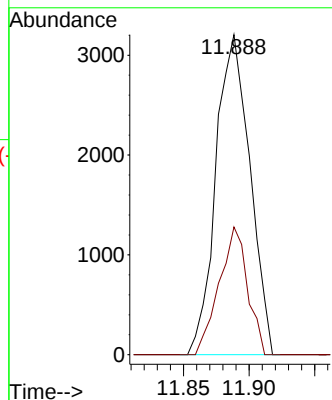


Tgt Ion:112 Resp: 5788
Ion Ratio Lower Upper
112 100
114 39.9 25.9 38.9

Manual Integrations
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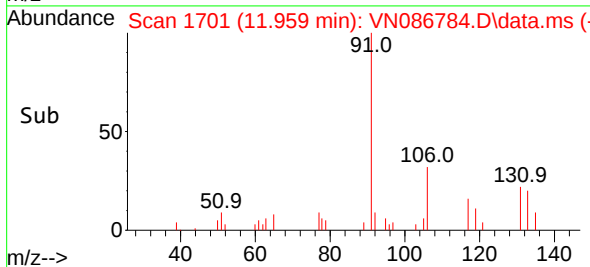
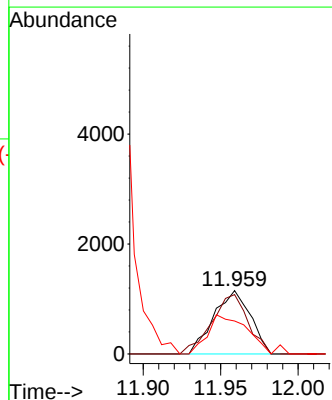
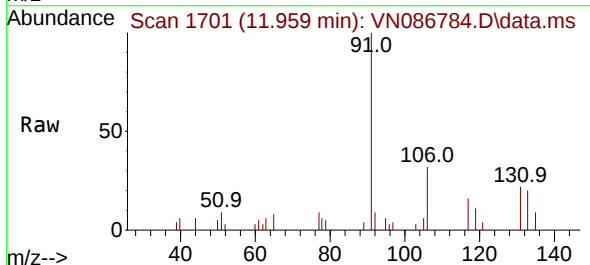
Reviewed By :John
Carlone
05/29/2025

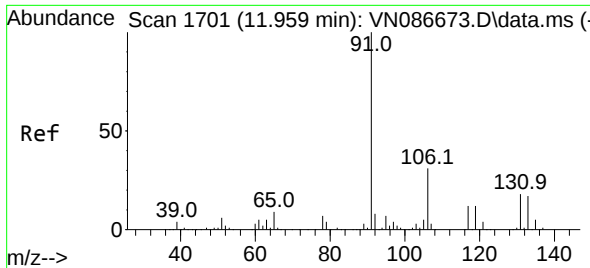
Supervised By :Mahesh
Dadoda
05/29/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 0.777 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

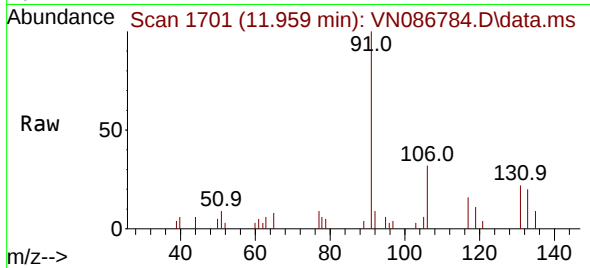
Tgt Ion:131 Resp: 1895
Ion Ratio Lower Upper
131 100
133 93.2 47.9 143.7
119 0.0 33.6 100.8





#67
Ethyl Benzene
Concen: 0.702 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

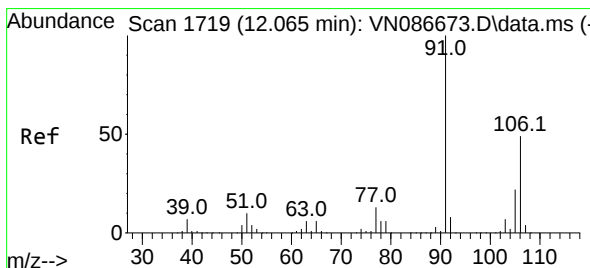
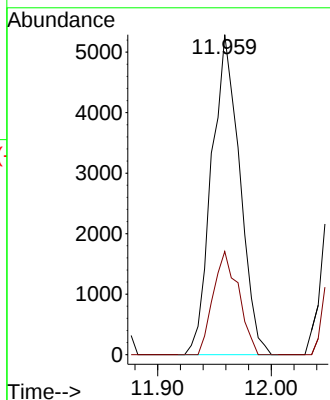


Tgt Ion: 91 Resp: 908
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8

Manual Integrations
APPROVED

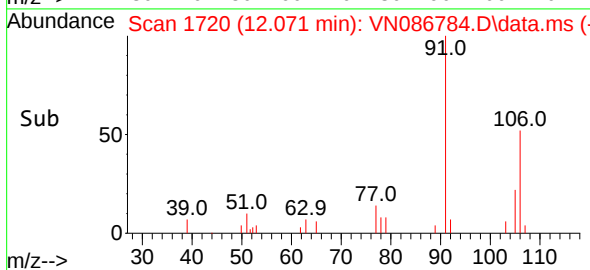
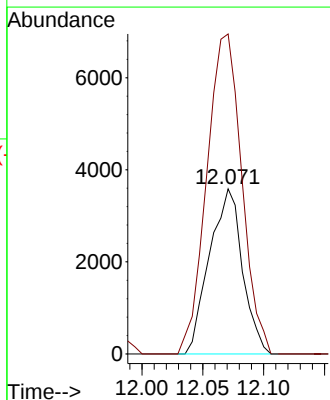
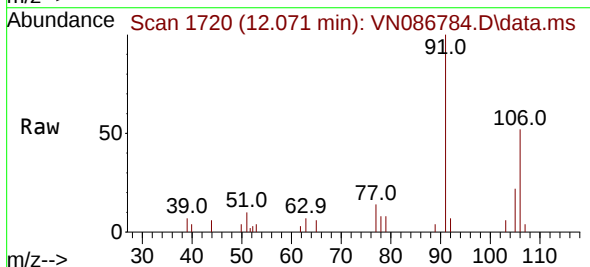
Reviewed By :John
Carlone
05/29/2025

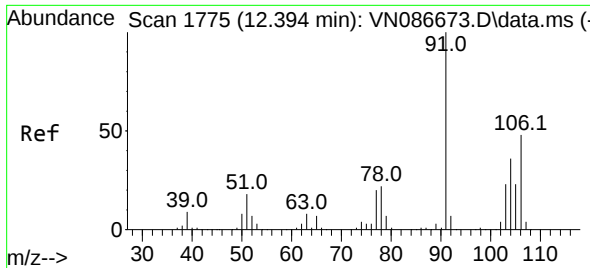
Supervised By :Mahesh
Dadoda
05/29/2025



#68
m/p-Xylenes
Concen: 1.378 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion:106 Resp: 6751
Ion Ratio Lower Upper
106 100
91 205.8 162.4 243.6





#69
o-Xylene
Concen: 0.620 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

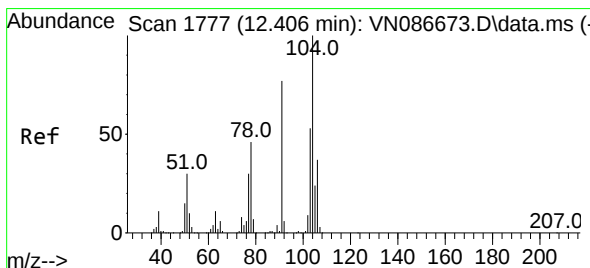
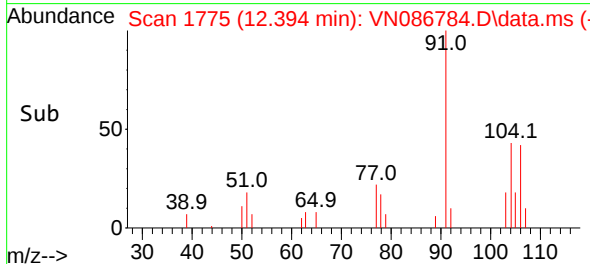
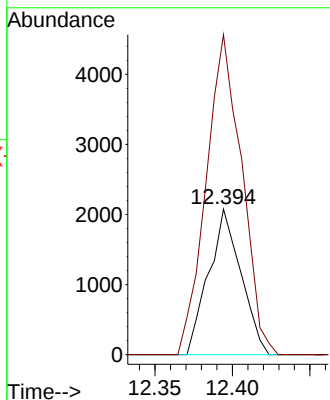
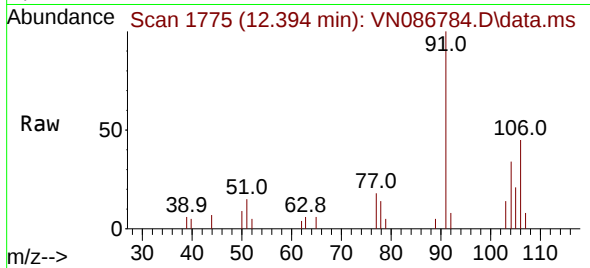
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:106 Resp: 302
Ion Ratio Lower Upper
106 100
91 241.3 105.1 315.1

Manual Integrations
APPROVED

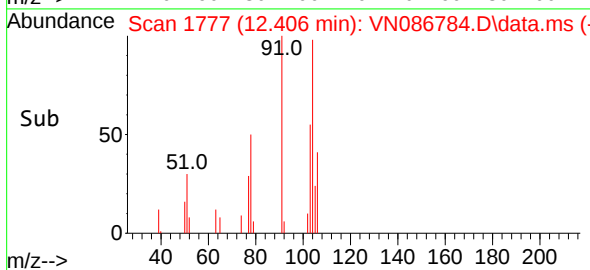
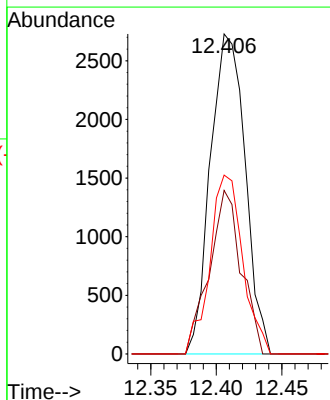
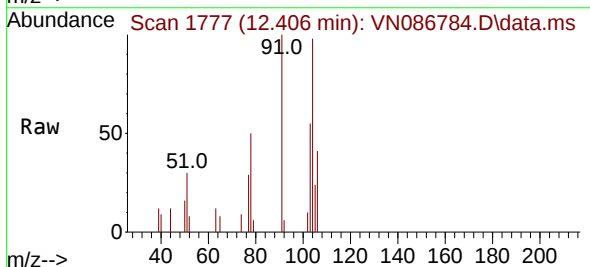
Reviewed By :John
Carlone
05/29/2025

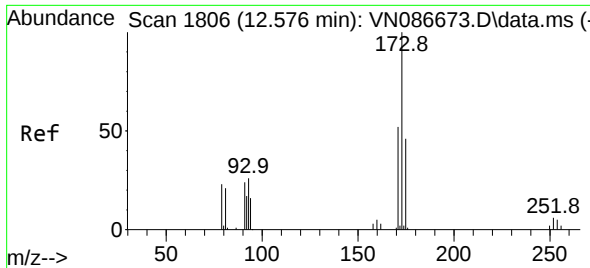
Supervised By :Mahesh
Dadoda
05/29/2025



#70
Styrene
Concen: 0.631 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

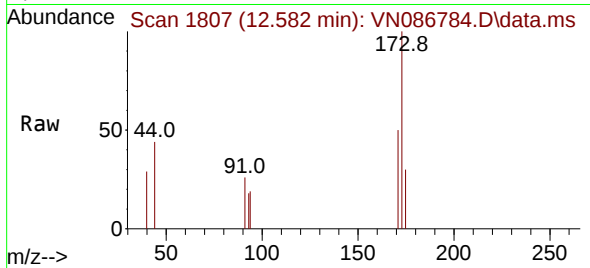
Tgt Ion:104 Resp: 5031
Ion Ratio Lower Upper
104 100
78 47.2 39.0 58.6
103 52.9 43.8 65.8





#71
Bromoform
Concen: 0.817 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

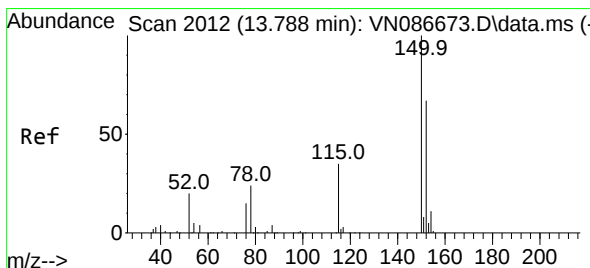
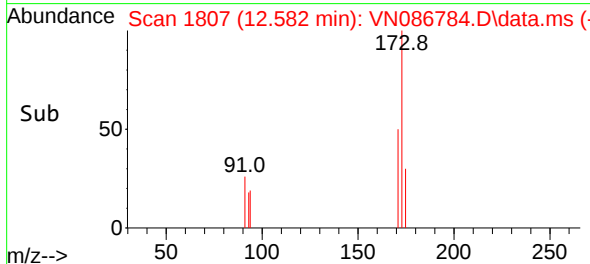
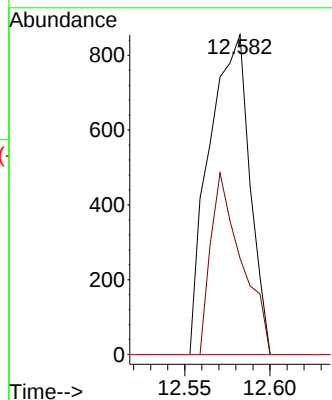


Tgt Ion:173 Resp: 1410
Ion Ratio Lower Upper
173 100
175 43.2 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

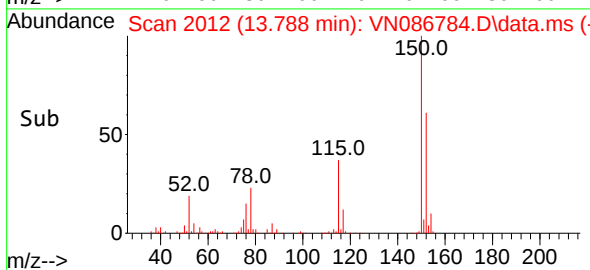
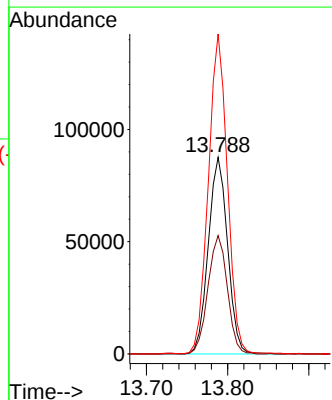
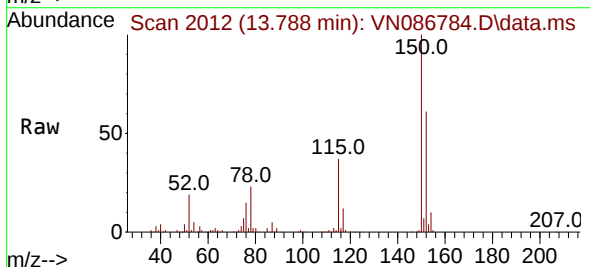
Reviewed By :John
Carlone
05/29/2025

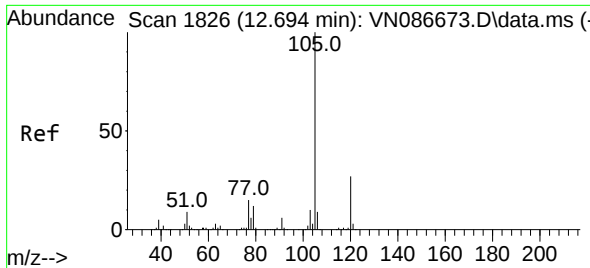
Supervised By :Mahesh
Dadoda
05/29/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

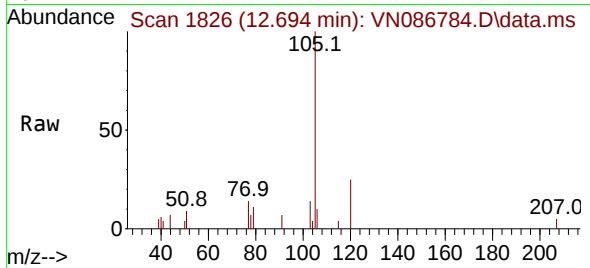
Tgt Ion:152 Resp: 144660
Ion Ratio Lower Upper
152 100
115 60.4 30.0 90.1
150 160.6 0.0 347.8





#73
Isopropylbenzene
Concen: 0.676 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

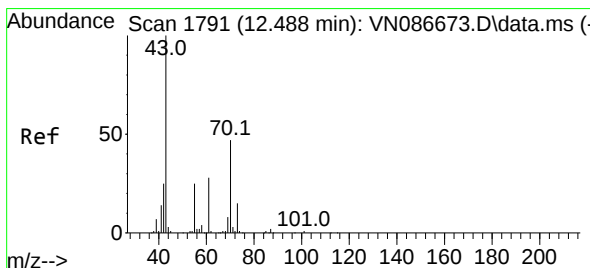
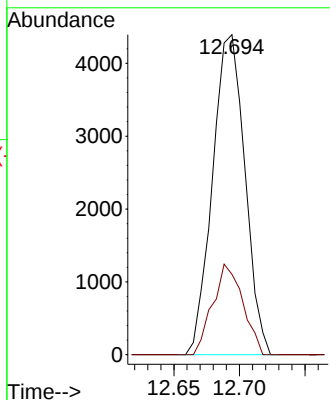
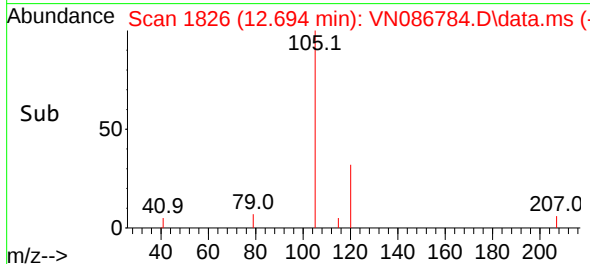


Tgt Ion:105 Resp: 755
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

Manual Integrations
APPROVED

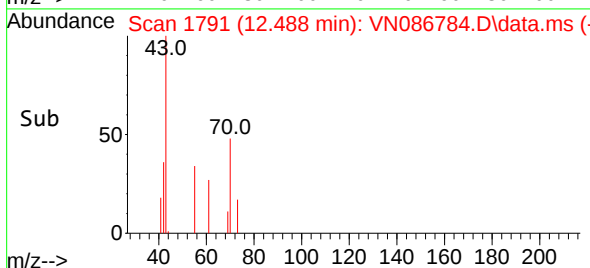
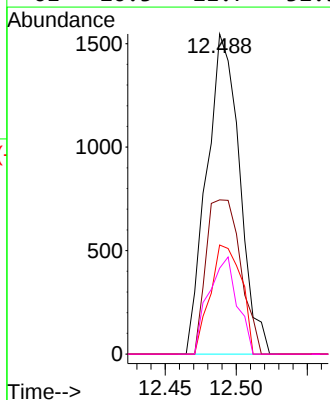
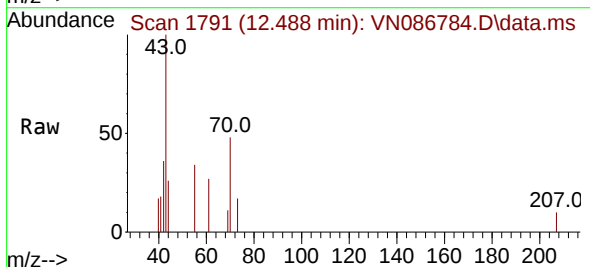
Reviewed By :John
Carlone
05/29/2025

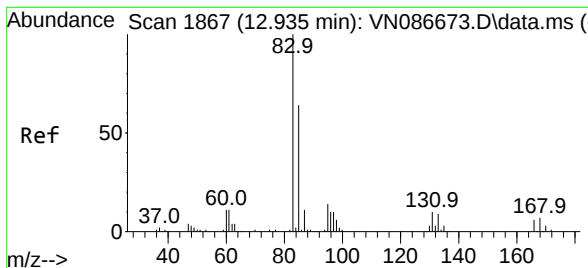
Supervised By :Mahesh
Dadoda
05/29/2025



#74
N-ethyl acetate
Concen: 0.534 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

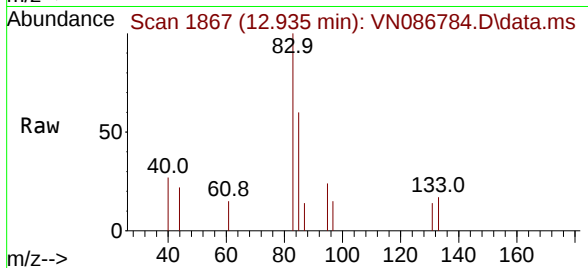
Tgt Ion: 43 Resp: 2492
Ion Ratio Lower Upper
43 100
70 50.7 37.9 56.9
55 32.1 20.5 30.7#
61 26.3 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 0.617 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

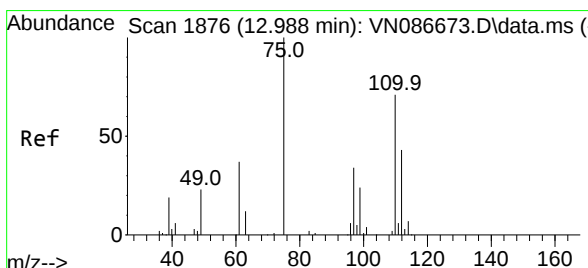
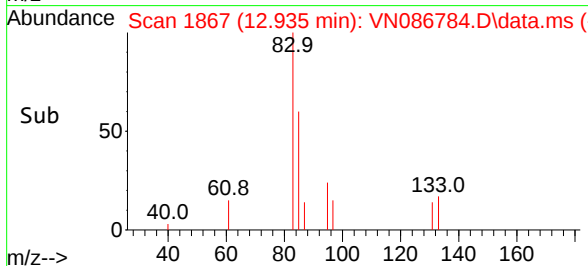
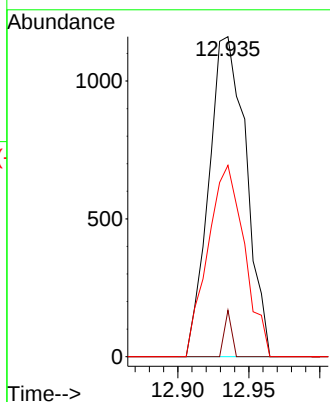


Tgt Ion: 83 Resp: 2119
Ion Ratio Lower Upper
83 100
131 2.8 5.0 15.0
85 58.8 32.4 97.2

Manual Integrations
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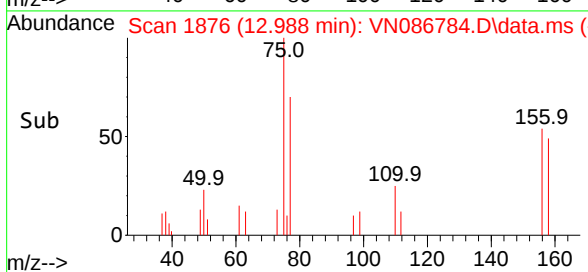
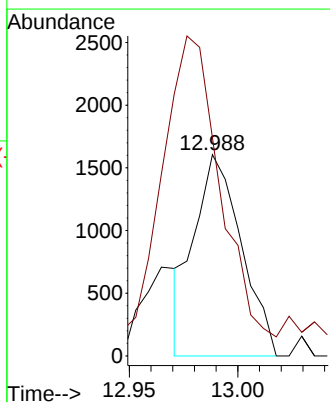
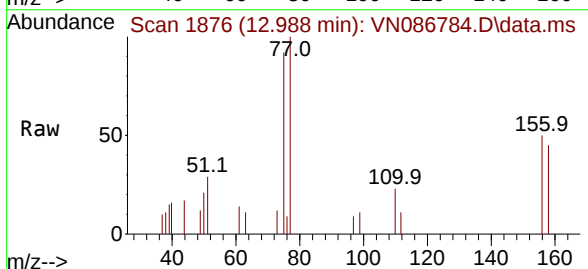
Reviewed By :John
Carlone
05/29/2025

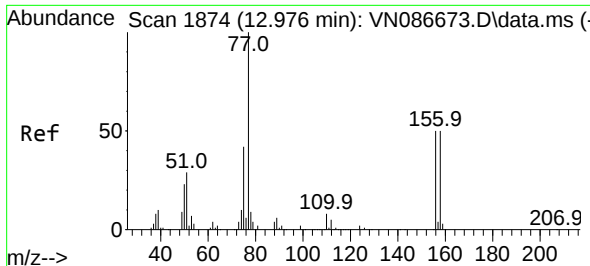
Supervised By :Mahesh
Dadoda
05/29/2025



#76
1,2,3-Trichloropropane
Concen: 0.738 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

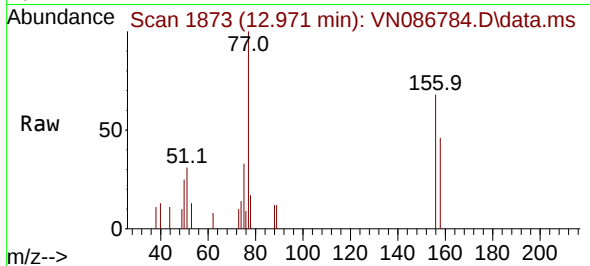
Tgt Ion: 75 Resp: 2415
Ion Ratio Lower Upper
75 100
77 207.3 96.0 288.1





#77
Bromobenzene
Concen: 0.796 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

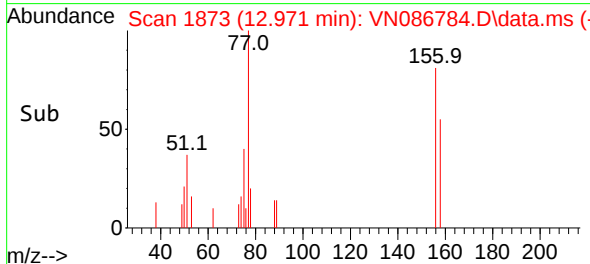
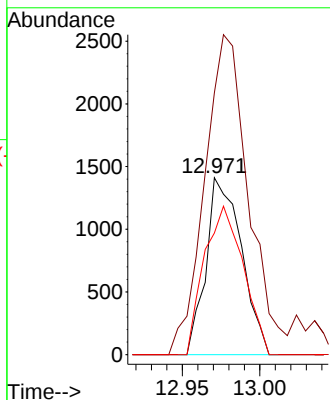


Tgt Ion: 156 Resp: 2230
Ion Ratio Lower Upper
156 100
77 223.9 113.1 339.2
158 92.9 48.6 145.9

Manual Integrations
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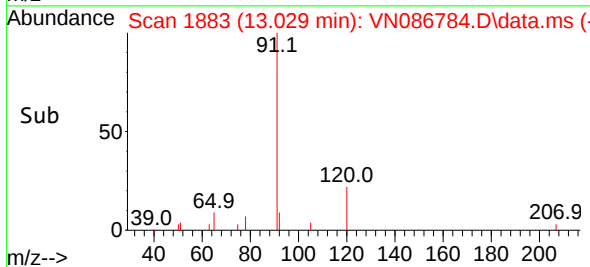
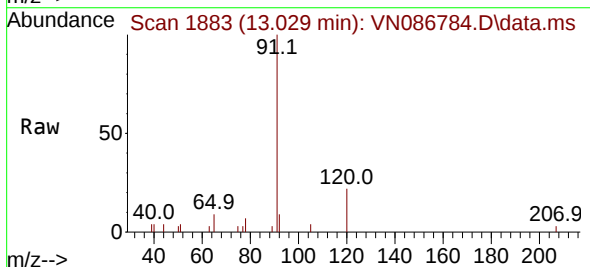
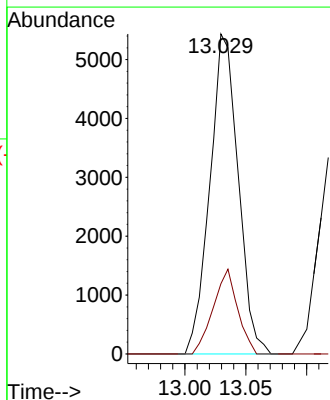
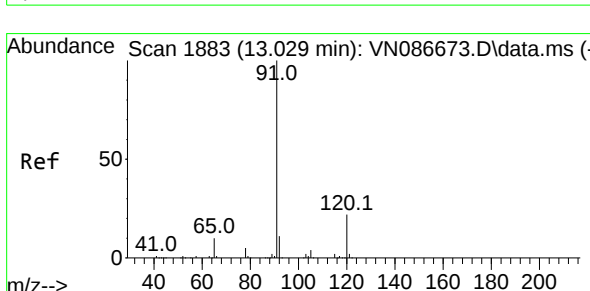
Reviewed By :John
Carlone
05/29/2025

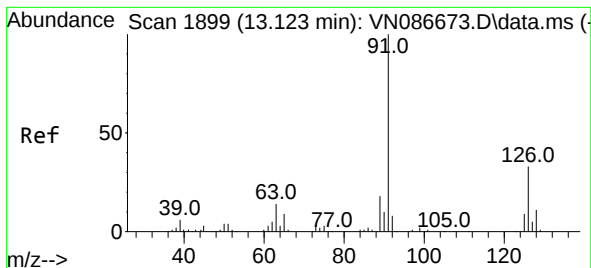
Supervised By :Mahesh
Dadoda
05/29/2025



#78
n-propylbenzene
Concen: 0.686 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

Tgt Ion: 91 Resp: 8794
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.1





#79
2-Chlorotoluene
Concen: 0.760 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

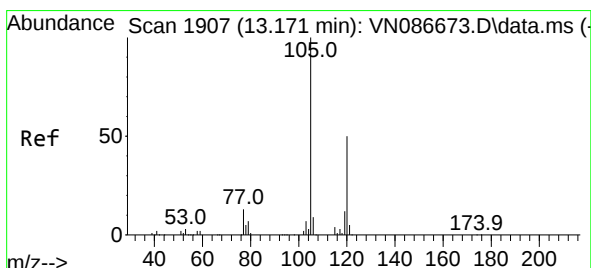
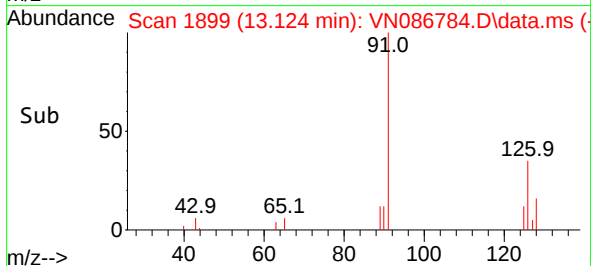
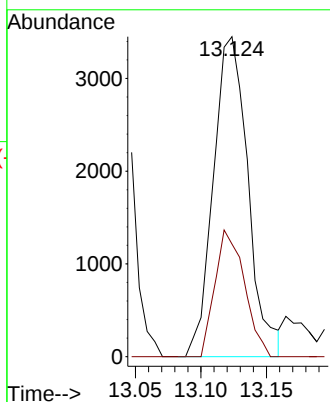
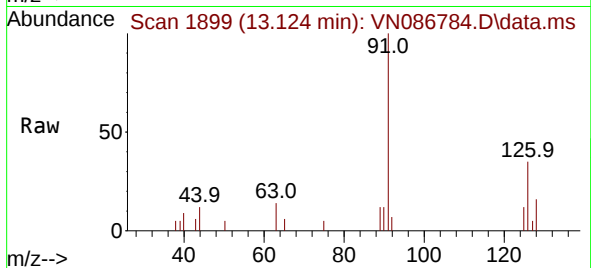
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 6330
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.7

Manual Integrations
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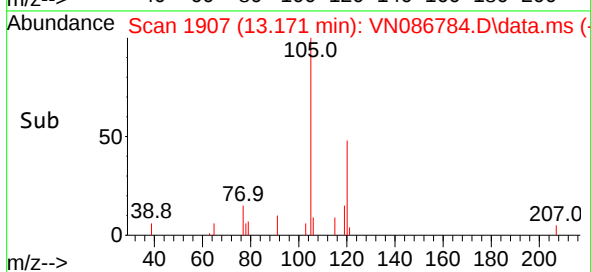
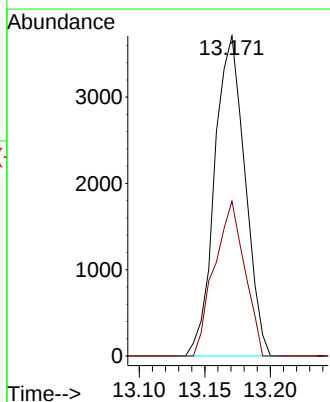
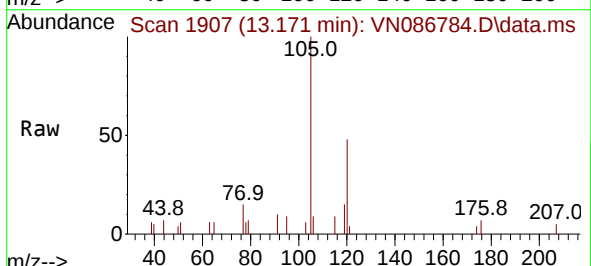
Reviewed By :John
Carlone
05/29/2025

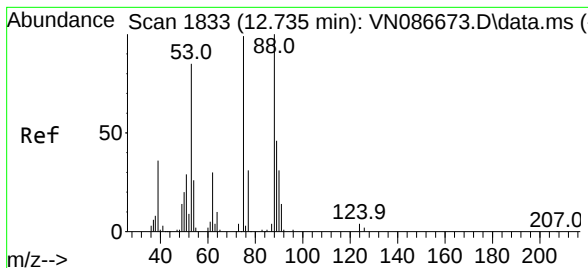
Supervised By :Mahesh
Dadoda
05/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 0.666 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

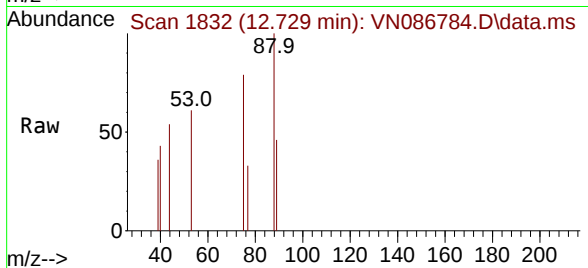
Tgt Ion:105 Resp: 5965
Ion Ratio Lower Upper
105 100
120 48.2 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 0.583 ug/l m
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

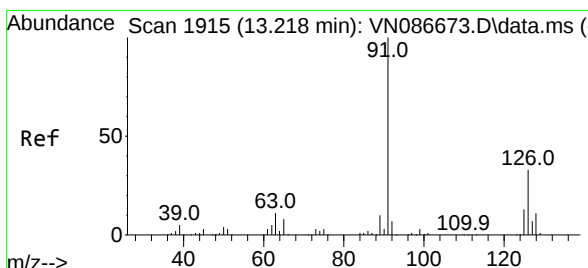
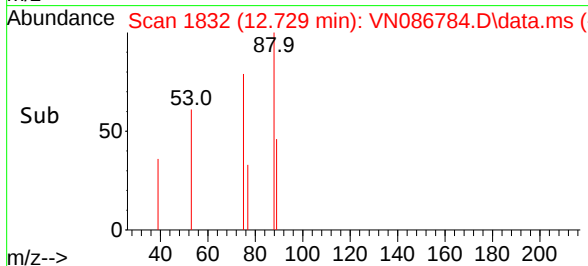
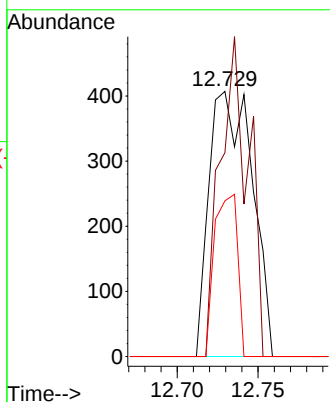


Tgt Ion: 75 Resp: 750
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6
89 0.0 32.4 48.6

Manual Integrations
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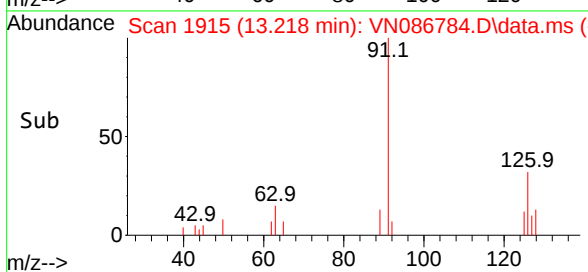
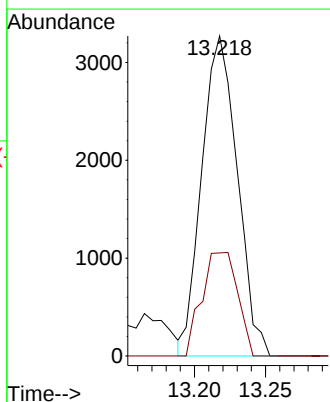
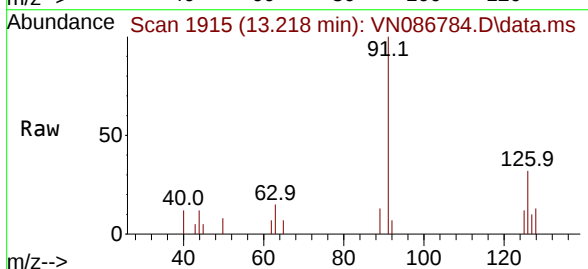
Reviewed By :John
Carlone
05/29/2025

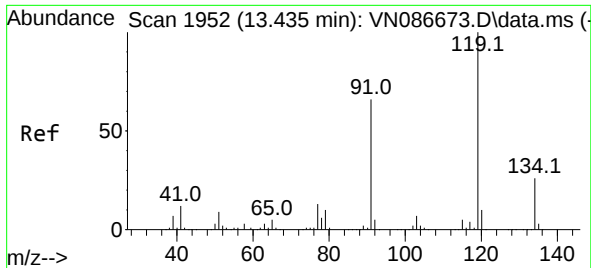
Supervised By :Mahesh
Dadoda
05/29/2025



#82
4-Chlorotoluene
Concen: 0.690 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

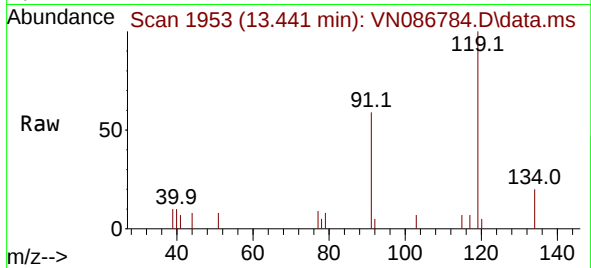
Tgt Ion: 91 Resp: 5695
Ion Ratio Lower Upper
91 100
126 32.5 17.0 50.9





#83
tert-Butylbenzene
Concen: 0.692 ug/l
RT: 13.441 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

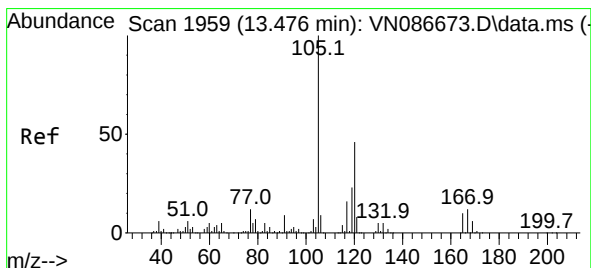
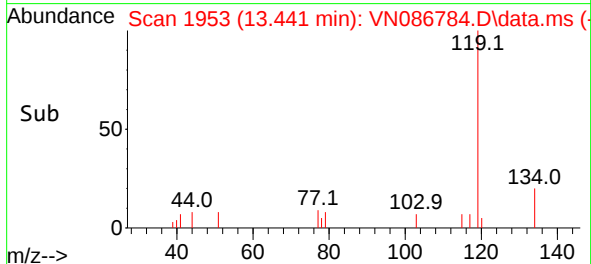
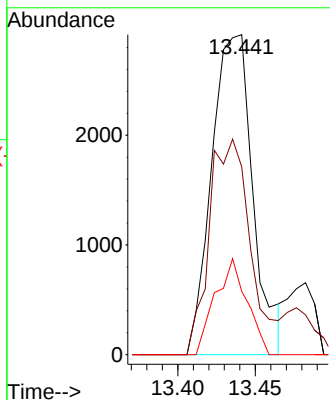


Tgt Ion:119 Resp: 5404
Ion Ratio Lower Upper
119 100
91 67.1 32.9 98.7
134 23.0 13.4 40.1

Manual Integrations
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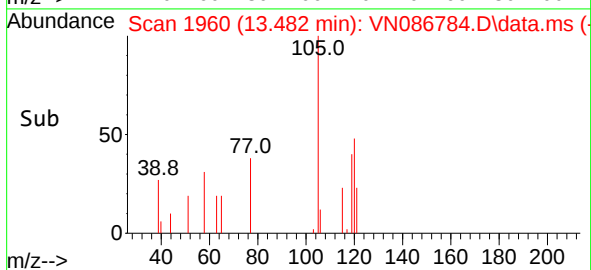
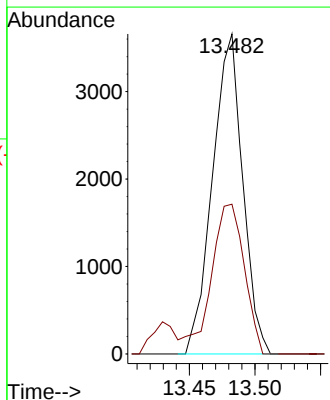
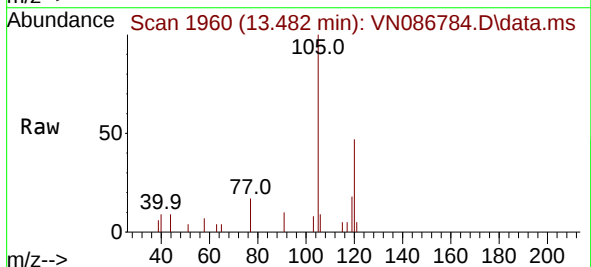
Reviewed By :John
Carlone
05/29/2025

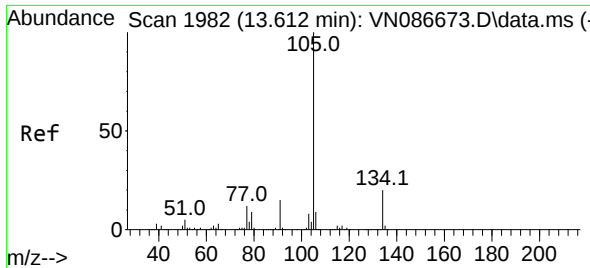
Supervised By :Mahesh
Dadoda
05/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 0.657 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

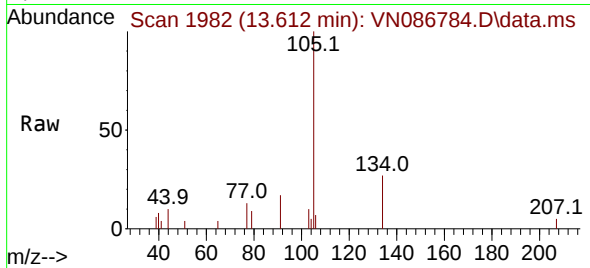
Tgt Ion:105 Resp: 5856
Ion Ratio Lower Upper
105 100
120 50.1 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 0.649 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

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

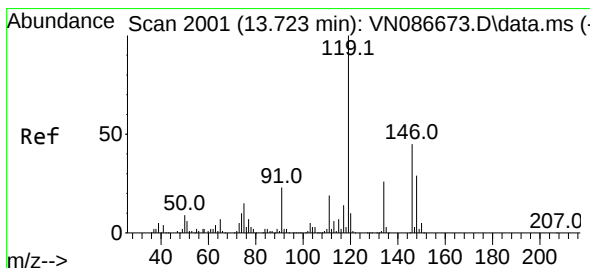
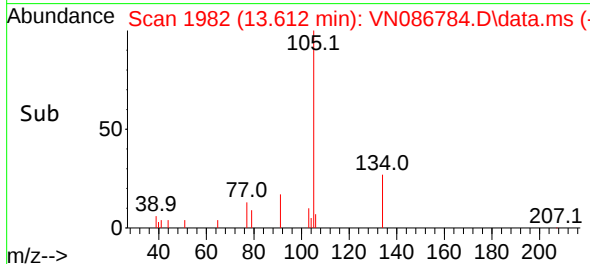
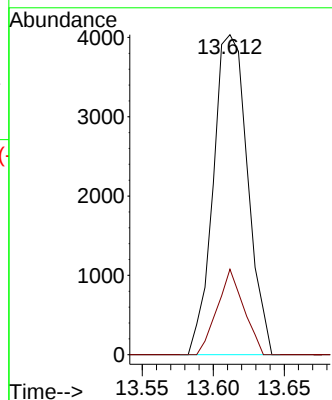


Tgt Ion:105 Resp: 6792
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

Manual Integrations
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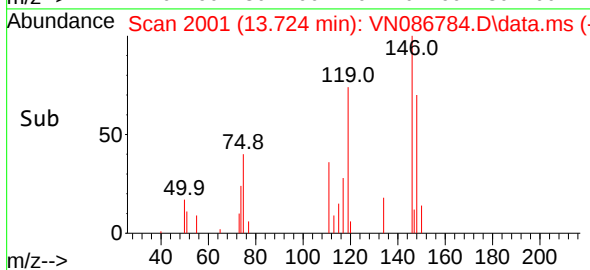
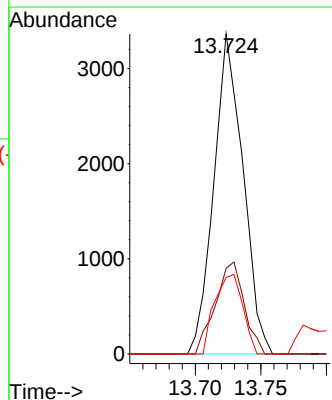
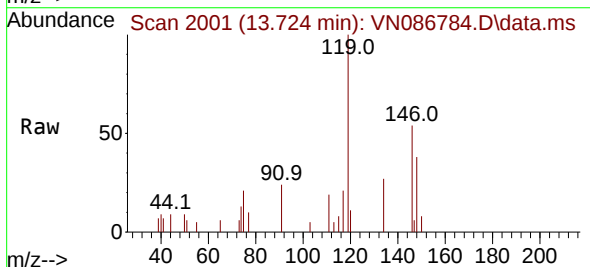
Reviewed By :John
 Carlone
 05/29/2025

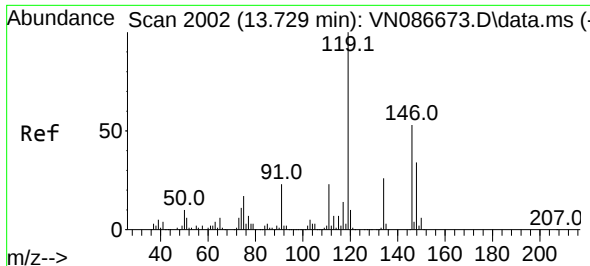
Supervised By :Mahesh
 Dadoda
 05/29/2025



#86
 p-Isopropyltoluene
 Concen: 0.606 ug/l
 RT: 13.724 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

Tgt Ion:119 Resp: 5202
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.1 39.1
 91 23.8 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 0.754 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion:146	Resp:	366
Ion Ratio	Lower	Upper
146	100	
111	36.7	20.9 62.7
148	65.2	31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John

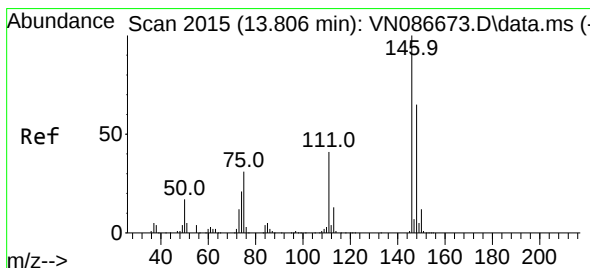
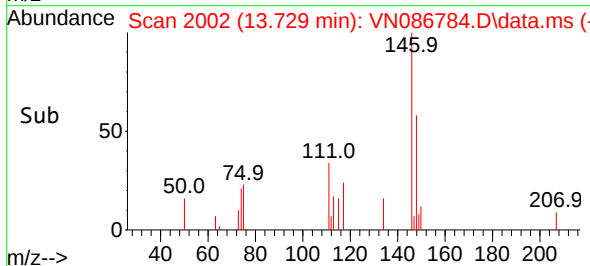
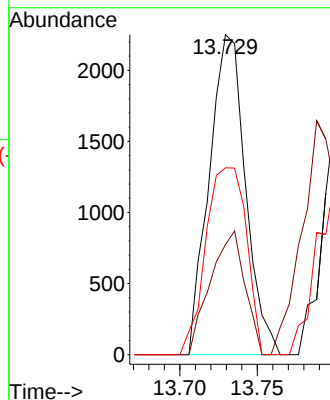
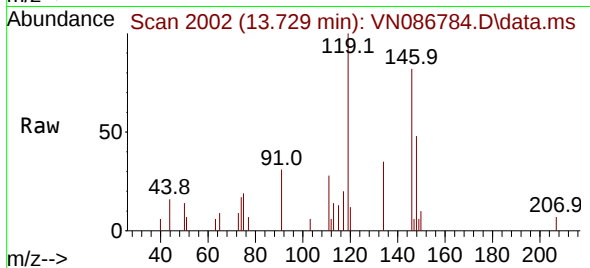
Carlone

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Supervised By :Mahesh

Dadoda

05/29/2025



#88

1,4-Dichlorobenzene

Concen: 0.857 ug/l m

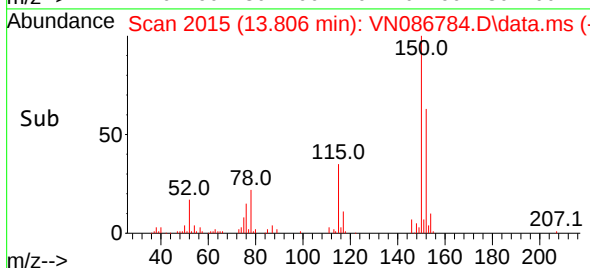
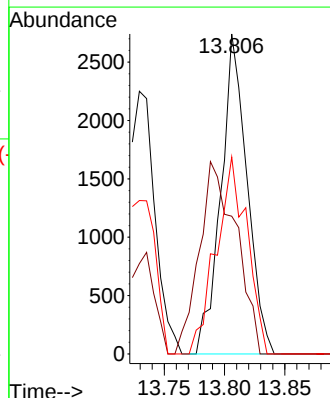
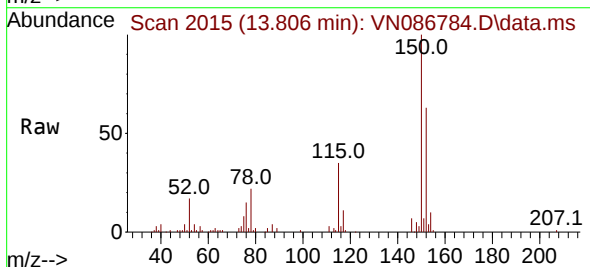
RT: 13.806 min Scan# 2015

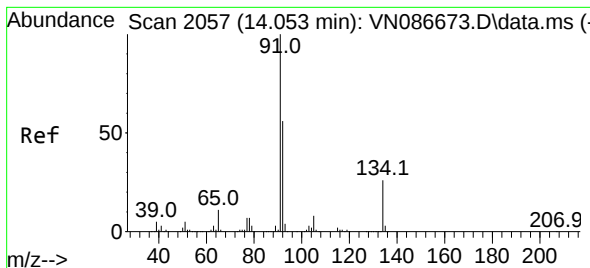
Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Tgt Ion:146	Resp:	4134
Ion Ratio	Lower	Upper
146	100	
111	32.5	20.6 61.8
148	57.8	32.0 96.0





#89

n-Butylbenzene

Concen: 0.689 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91	Resp: 490
Ion Ratio	Lower Upper
91 100	
92 52.9	27.4 82.0
134 23.5	12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John

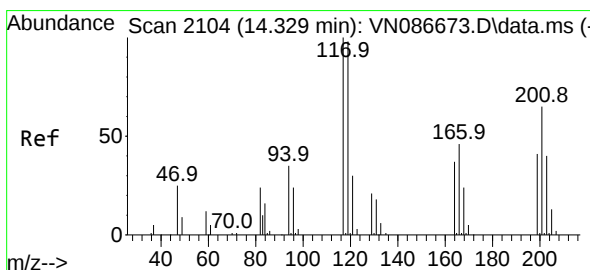
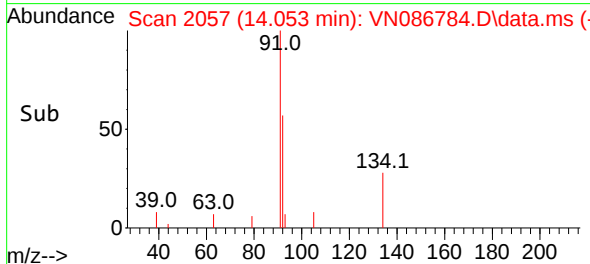
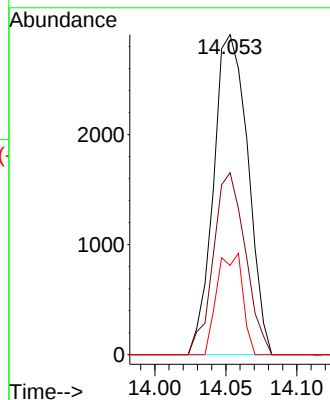
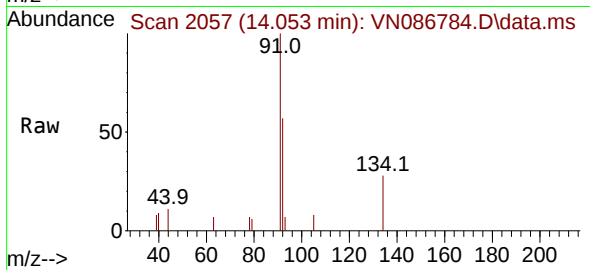
Carlone

05/29/2025

Supervised By :Mahesh

Dadoda

05/29/2025



#90

Hexachloroethane

Concen: 0.710 ug/l

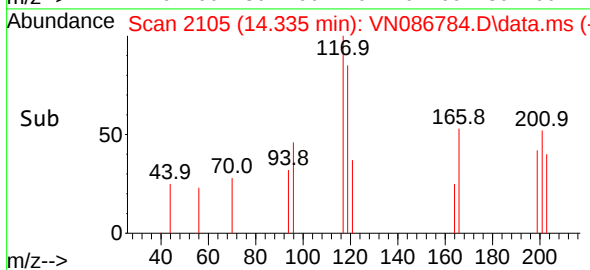
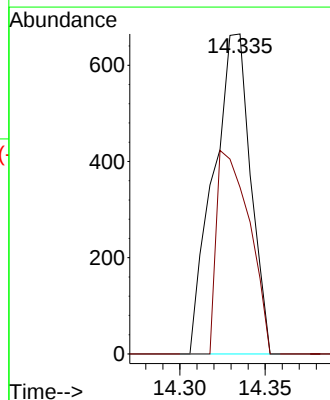
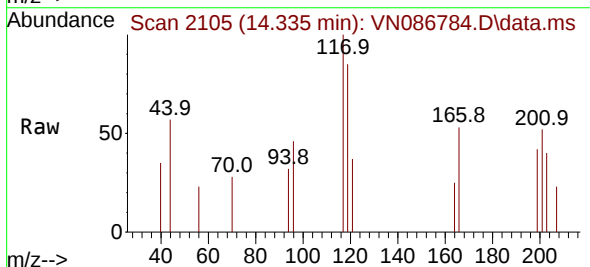
RT: 14.335 min Scan# 2105

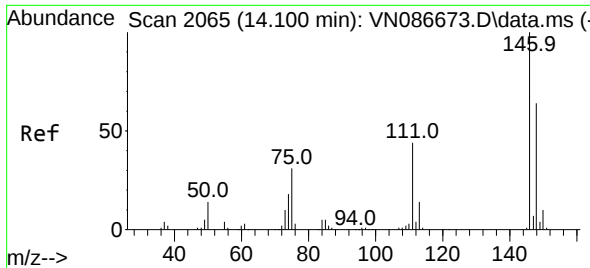
Delta R.T. 0.006 min

Lab File: VN086784.D

Acq: 27 May 2025 15:19

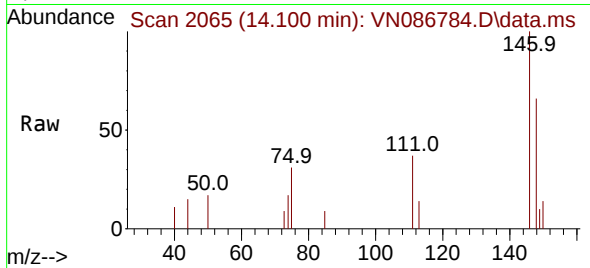
Tgt Ion: 117	Resp: 1011
Ion Ratio	Lower Upper
117 100	
201 56.1	32.0 96.0





#91
1,2-Dichlorobenzene
Concen: 0.731 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

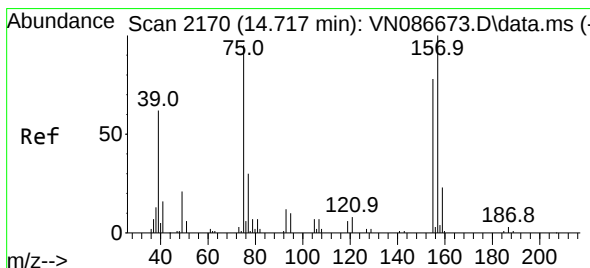
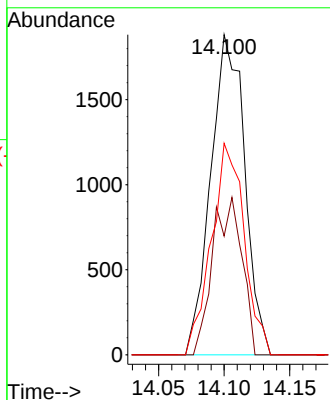


Tgt Ion: 146 Resp: 3380
Ion Ratio Lower Upper
146 100
111 42.5 21.6 65.0
148 63.9 31.7 95.1

Manual Integrations
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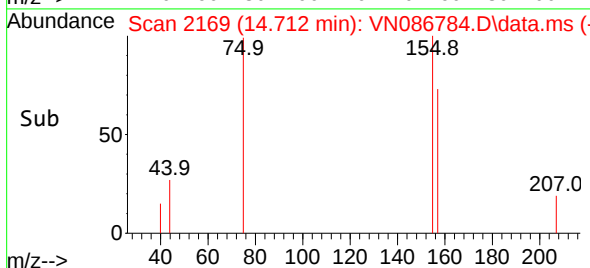
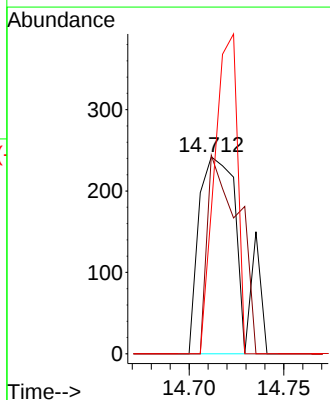
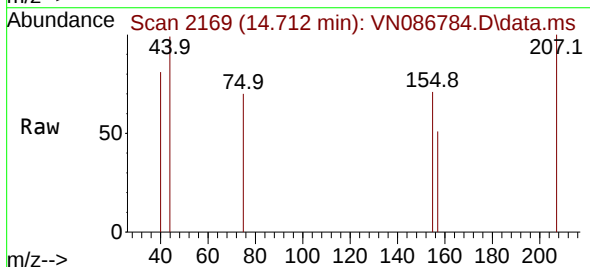
Reviewed By :John
Carlone
05/29/2025

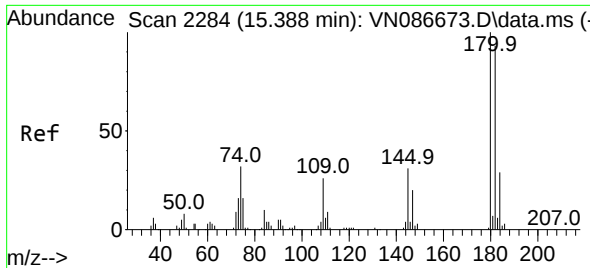
Supervised By :Mahesh
Dadoda
05/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.644 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

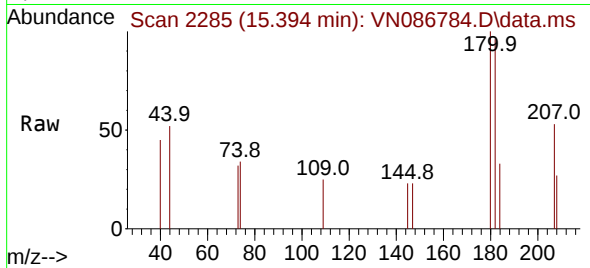
Tgt Ion: 75 Resp: 366
Ion Ratio Lower Upper
75 100
155 76.8 40.5 121.5
157 90.4 53.6 160.8





#93
 1,2,4-Trichlorobenzene
 Concen: 0.689 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19

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

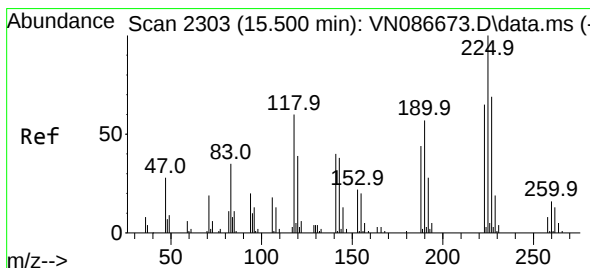
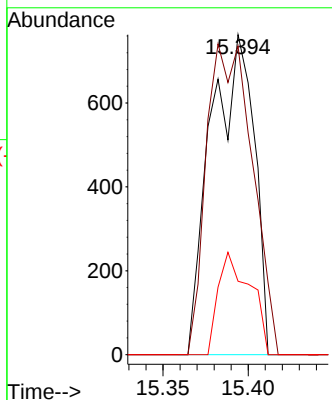
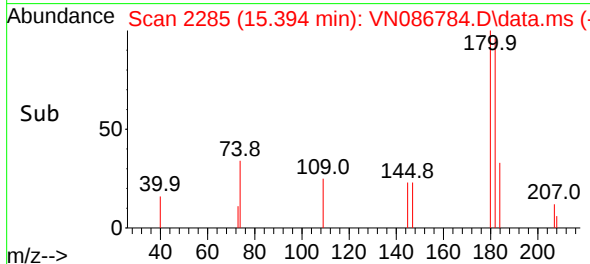


Tgt Ion:180 Resp: 1340
 Ion Ratio Lower Upper
 180 100
 182 102.9 47.1 141.3
 145 23.6 15.6 46.8

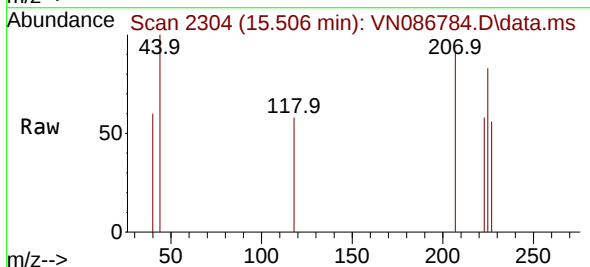
Manual Integrations
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Reviewed By :John
 Carlone
 05/29/2025

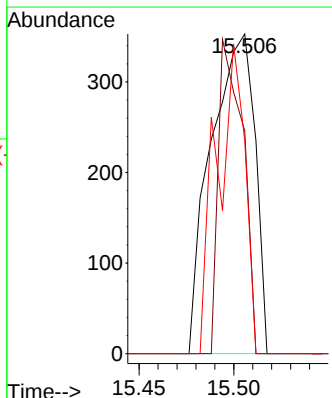
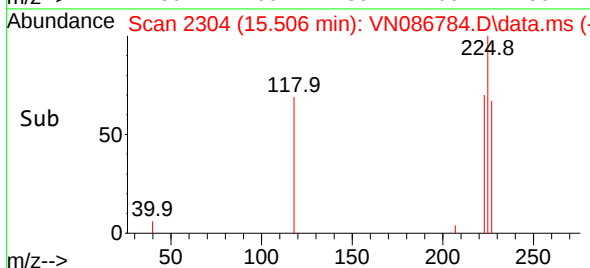
Supervised By :Mahesh
 Dadoda
 05/29/2025

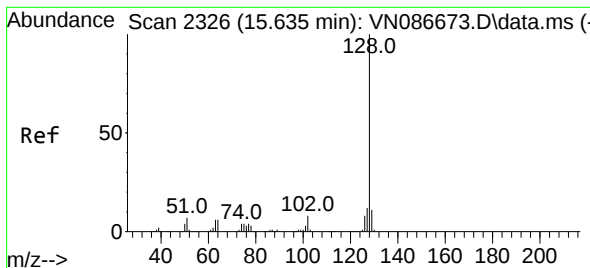


#94
 Hexachlorobutadiene
 Concen: 0.701 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN086784.D
 Acq: 27 May 2025 15:19



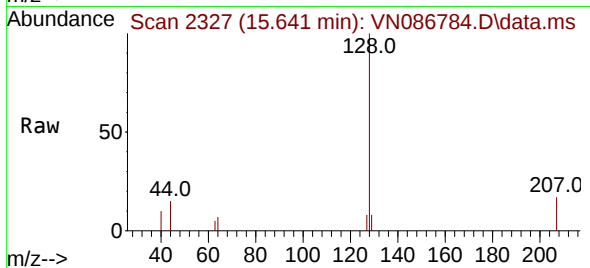
Tgt Ion:225 Resp: 568
 Ion Ratio Lower Upper
 225 100
 223 54.8 32.9 98.6
 227 62.0 32.4 97.2





#95
Naphthalene
Concen: 0.830 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19

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

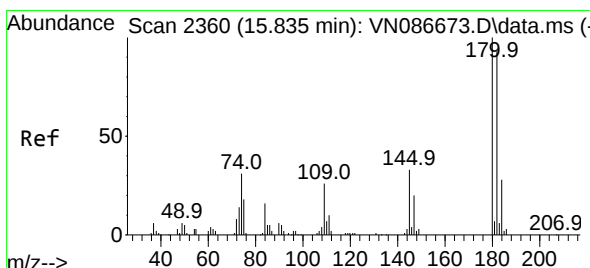
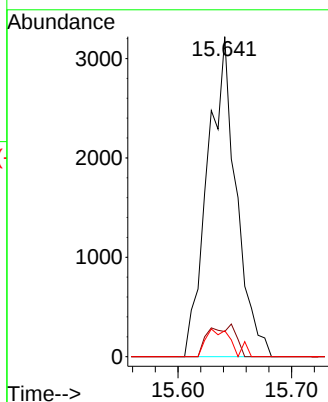
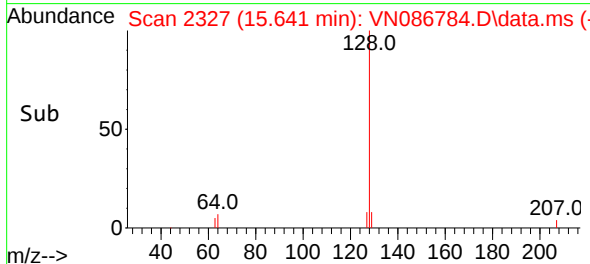


Tgt Ion:128 Resp: 5634
Ion Ratio Lower Upper
128 100
127 9.4 10.1 15.1
129 7.8 8.6 13.0

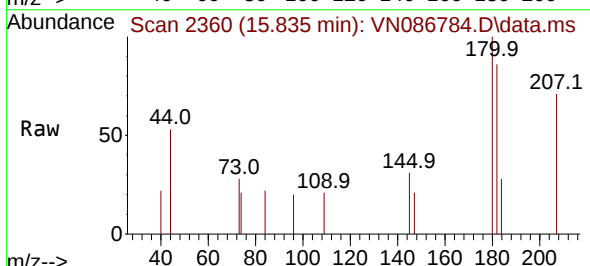
Manual Integrations
APPROVED

Reviewed By :John
Carlone
05/29/2025

Supervised By :Mahesh
Dadoda
05/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 0.801 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086784.D
Acq: 27 May 2025 15:19



Tgt Ion:180 Resp: 1533
Ion Ratio Lower Upper
180 100
182 80.2 47.0 141.2
145 17.3 16.7 50.1

