

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086816.D
 Acq On : 29 May 2025 15:29
 Operator : JC\MD
 Sample : Q2126-07 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: May 30 02:43:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 30 02:22:52 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	37398	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	217816	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	191782	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	79919	31.103	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.667%	
60) 4-Bromofluorobenzene	12.847	95	84781	28.157	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 93.867%	
63) Toluene-d8	10.565	98	265479	30.159	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.533%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	6161	2.426	ug/l	98
3) Chloromethane	2.359	50	9571	2.923	ug/l	92
4) Vinyl Chloride	2.518	62	7547	2.504	ug/l	99
5) Bromomethane	2.959	94	4892	3.064	ug/l	99
6) Chloroethane	3.124	64	4935	2.677	ug/l	92
7) Trichlorofluoromethane	3.501	101	9248	2.620	ug/l	97
8) Diethyl Ether	3.959	74	3730	2.533	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	5811	2.686	ug/l	54
10) 1,1-Dichloroethene	4.348	96	6016	2.728	ug/l #	79
11) Methyl Iodide	4.583	142	7249	2.788	ug/l	85
12) Methyl Acetate	5.024	43	5720m	2.335	ug/l	
13) Acrolein	4.183	56	5401m	21.345	ug/l	
14) Acrylonitrile	5.724	53	14325	12.568	ug/l	91
15) Acetone	4.424	58	4090	14.172	ug/l	82
16) Carbon Disulfide	4.712	76	18702	2.905	ug/l	98
17) Allyl chloride	5.024	41	9061m	2.765	ug/l	
18) Methylene Chloride	5.277	84	7242m	2.827	ug/l	
19) trans-1,2-Dichloroethene	5.783	96	6558m	2.841	ug/l	
20) Diisopropyl ether	6.671	45	19188	2.659	ug/l	96
21) 1,1-Dichloroethane	6.565	63	11922	2.738	ug/l #	89
22) cis-1,2-Dichloroethene	7.489	96	7756	2.775	ug/l	97
23) tert-Butyl Alcohol	5.518	59	5103m	13.942	ug/l	
24) Methyl tert-Butyl Ether	5.795	73	19246	2.648	ug/l #	82
25) Chloroform	7.959	83	11500	2.698	ug/l	98
26) Cyclohexane	8.247	56	10002	2.654	ug/l #	97
29) 1,1-Dichloropropene	8.365	75	8395	2.621	ug/l	98
30) 2-Butanone	7.483	43	18383	13.101	ug/l	97
31) 2,2-Dichloropropane	7.489	77	10216	2.702	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	9882	2.662	ug/l	99
33) Carbon Tetrachloride	8.359	117	7712	2.430	ug/l	89
34) Benzene	8.606	78	27322	2.622	ug/l #	87
35) Methacrylonitrile	7.777	41	3982m	2.470	ug/l	
36) 1,2-Dichloroethane	8.665	62	8081	2.647	ug/l #	84
37) Trichloroethene	9.347	130	7711	2.668	ug/l	99
38) Methylcyclohexane	9.594	83	9324	2.624	ug/l	94
39) 1,2-Dichloropropane	9.618	63	6450	2.571	ug/l #	87
40) Dibromomethane	9.706	93	4323	2.635	ug/l	99
41) Bromodichloromethane	9.883	83	8862	2.580	ug/l	93
42) Vinyl Acetate	6.600	43	55355	13.534	ug/l	99

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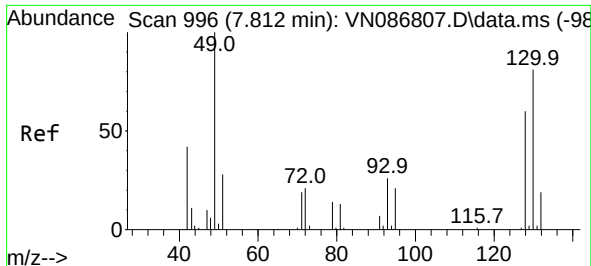
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052925W.M
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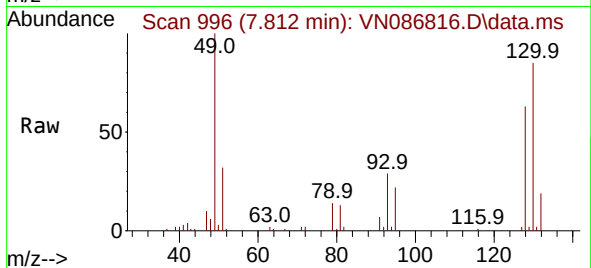
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	7348	2.559	ug/l #	91
44) Isopropyl Acetate	8.683	43	12844	2.608	ug/l	98
45) 1,4-Dioxane	9.694	88	2156	49.248	ug/l #	91
46) Methyl methacrylate	9.677	41	5475	2.411	ug/l	90
47) n-amyl Acetate	12.494	43	8875	2.244	ug/l	99
48) t-1,3-Dichloropropene	10.829	75	9225	2.510	ug/l	98
49) cis-1,3-Dichloropropene	10.306	75	9884	2.445	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	6083	2.632	ug/l	93
51) Ethyl methacrylate	10.871	69	8650	2.311	ug/l	91
52) 1,3-Dichloropropane	11.159	76	10304	2.512	ug/l	100
53) Dibromochloromethane	11.353	129	6411	2.455	ug/l	99
54) 1,2-Dibromoethane	11.471	107	6051	2.562	ug/l	99
55) 2-Chloroethyl vinyl ether	10.153	63	18116	10.084	ug/l	98
56) Bromoform	12.571	173	4059	2.467	ug/l #	97
58) 4-Methyl-2-Pentanone	10.441	43	35232	12.520	ug/l	99
59) 2-Hexanone	11.194	43	24932	12.369	ug/l	97
61) Tetrachloroethene	11.100	164	8183	2.538	ug/l	94
62) Toluene	10.630	91	29773	2.756	ug/l	100
64) Chlorobenzene	11.888	112	18440	2.677	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	5994	2.649	ug/l	94
66) Ethyl Benzene	11.959	91	28474	2.437	ug/l	96
67) m/p-Xylenes	12.071	106	22525	4.913	ug/l	97
68) o-Xylene	12.394	106	10104	2.274	ug/l	92
69) Styrene	12.412	104	16541	2.235	ug/l	96
70) Isopropylbenzene	12.694	105	25105	2.376	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.935	83	7228	2.877	ug/l	92
72) 1,2,3-Trichloropropane	12.988	75	7220m	2.452	ug/l	
73) Bromobenzene	12.976	156	6476	2.466	ug/l	94
74) n-propylbenzene	13.029	91	29966	2.394	ug/l	98
75) 2-Chlorotoluene	13.123	91	20503	2.552	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	20754	2.361	ug/l	97
77) t-1,4-Dichloro-2-butene	12.735	75	2569	2.132	ug/l	82
78) 4-Chlorotoluene	13.223	91	18894	2.374	ug/l	97
79) tert-butylbenzene	13.435	119	16640	2.189	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	19350	2.193	ug/l	100
81) sec-Butylbenzene	13.612	105	23855	2.304	ug/l	99
82) p-Isopropyltoluene	13.729	119	18826	2.165	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	11368	2.359	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	11312	2.359	ug/l	98
85) n-Butylbenzene	14.053	91	15379	2.113	ug/l	99
86) Hexachloroethane	14.329	117	3540	2.389	ug/l	93
87) 1,2-Dichlorobenzene	14.100	146	10948	2.355	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.717	75	1163	2.198	ug/l	92
89) 1,2,4-Trichlorobenzene	15.829	180	4394	2.259	ug/l	97
90) Hexachlorobutadiene	15.506	225	1927	2.311	ug/l	93
91) Naphthalene	15.641	128	15123	2.228	ug/l	99
92) 1,2,3-Trichlorobenzene	15.829	180	4394	2.259	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

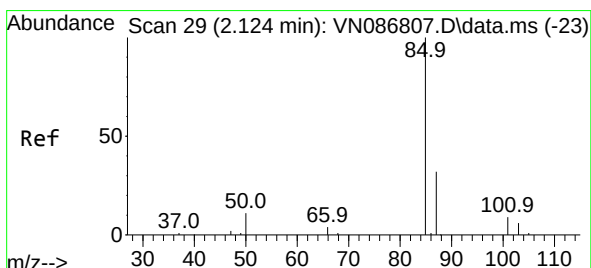
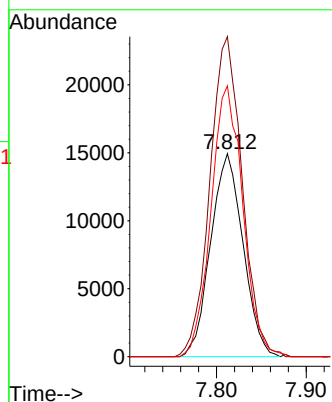
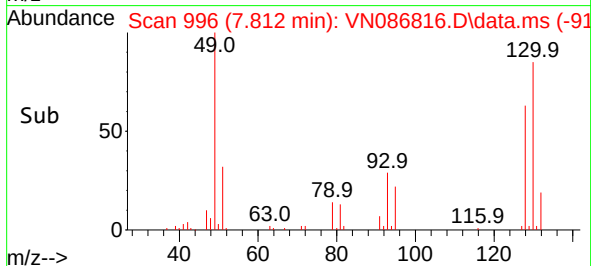
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:128 Resp: 37398
Ion Ratio Lower Upper
128 100
49 157.0 0.0 404.5
130 131.2 0.0 322.2

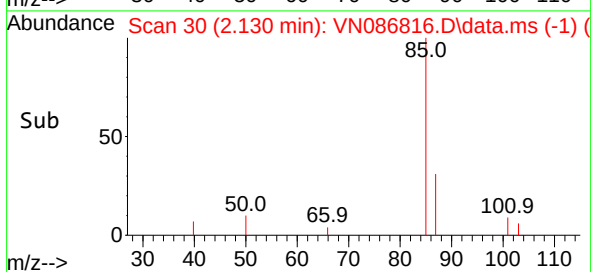
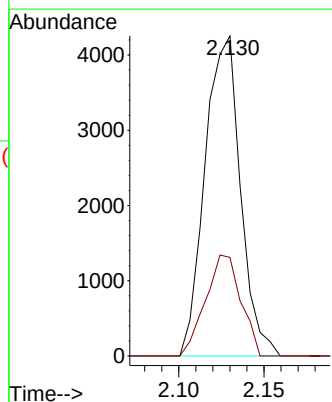
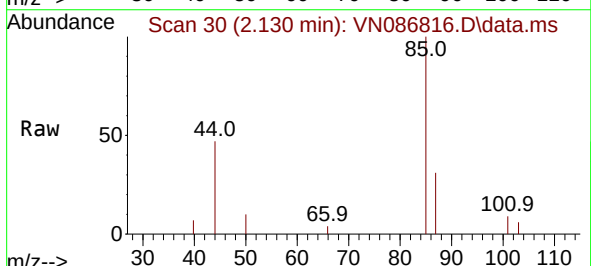
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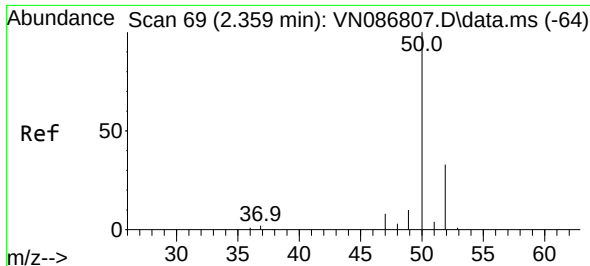
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#2
Dichlorodifluoromethane
Concen: 2.426 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

Tgt Ion: 85 Resp: 6161
Ion Ratio Lower Upper
85 100
87 30.8 15.9 47.7





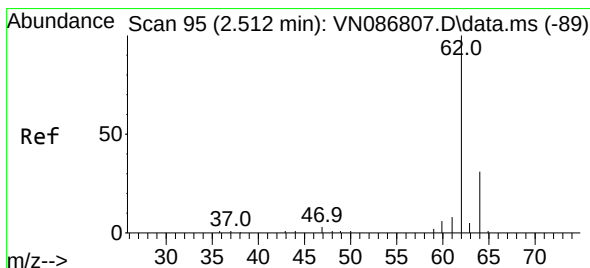
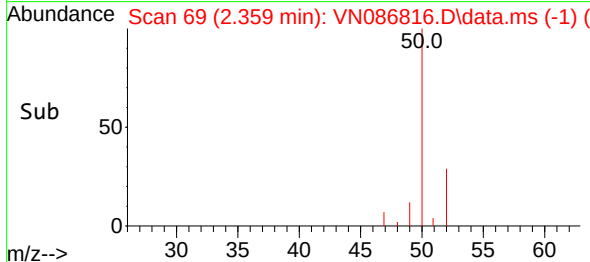
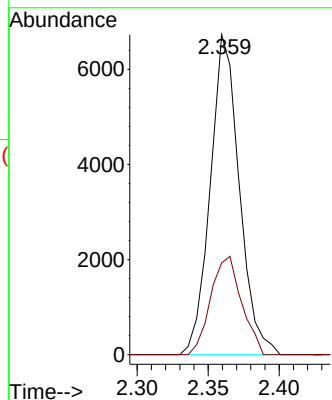
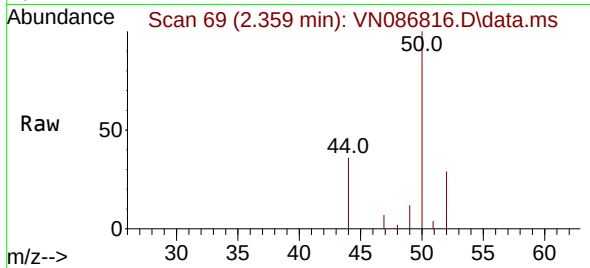
#3
Chloromethane
Concen: 2.923 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

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

Tgt Ion: 50 Resp: 957
Ion Ratio Lower Upper
50 100
52 28.7 26.6 40.0

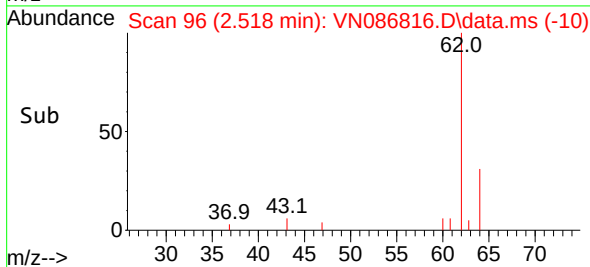
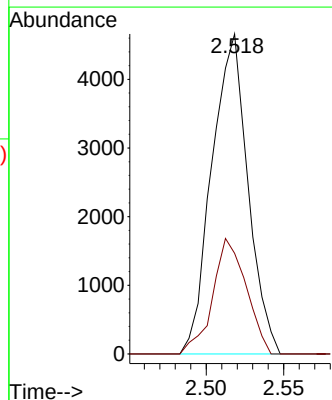
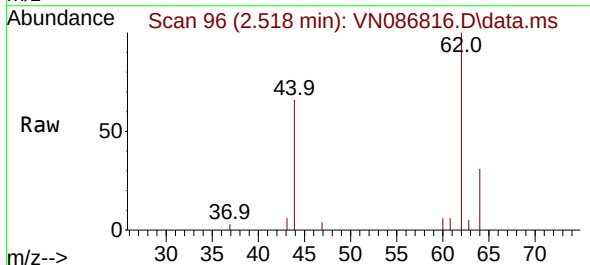
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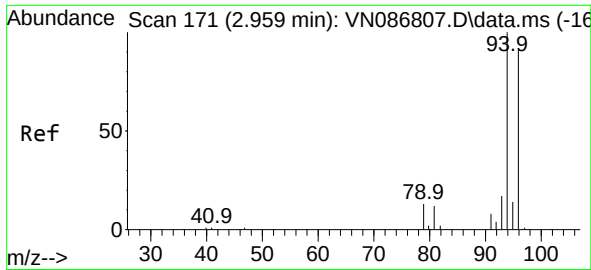
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#4
Vinyl Chloride
Concen: 2.504 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

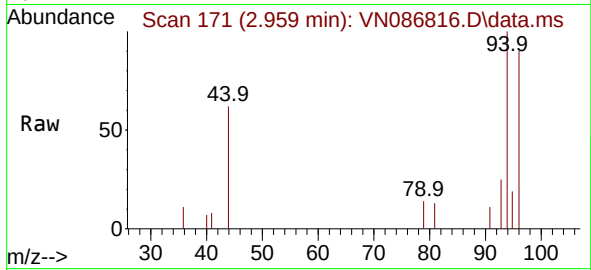
Tgt Ion: 62 Resp: 7547
Ion Ratio Lower Upper
62 100
64 31.5 24.6 36.8





#5
Bromomethane
Concen: 3.064 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

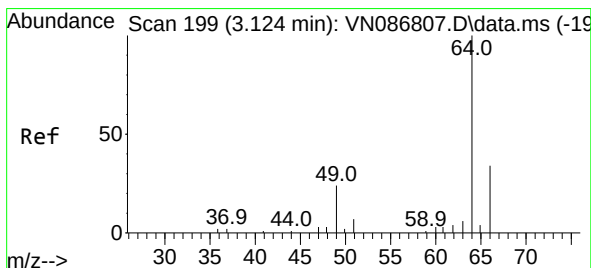
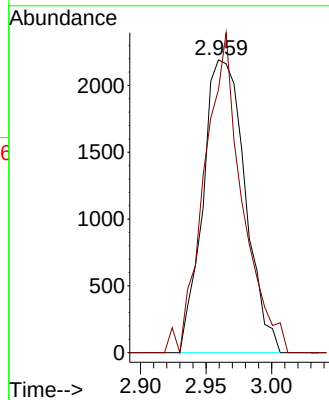
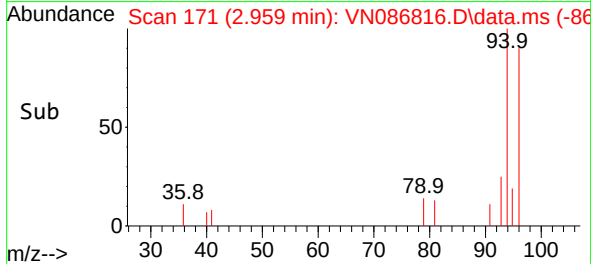
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 94 Resp: 4892
Ion Ratio Lower Upper
94 100
96 89.8 72.7 109.1

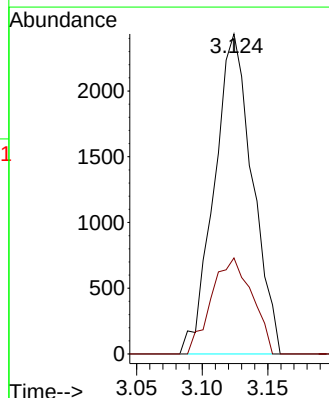
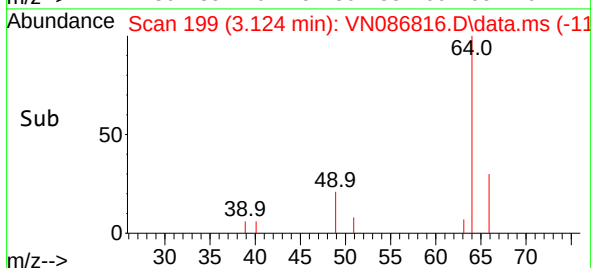
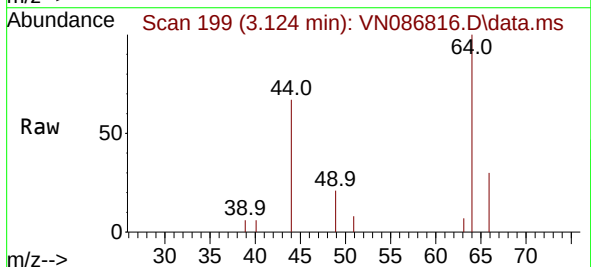
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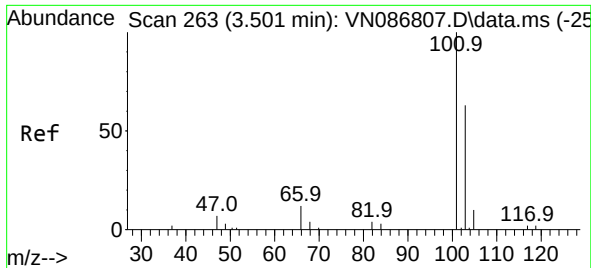
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#6
Chloroethane
Concen: 2.677 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086816.D
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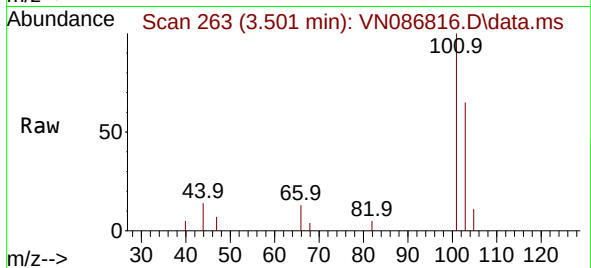
Tgt Ion: 64 Resp: 4935
Ion Ratio Lower Upper
64 100
66 30.0 27.5 41.3





#7
 Trichlorofluoromethane
 Concen: 2.620 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

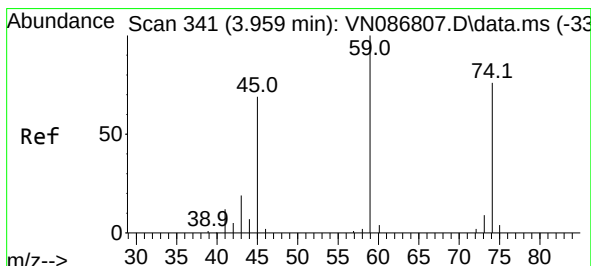
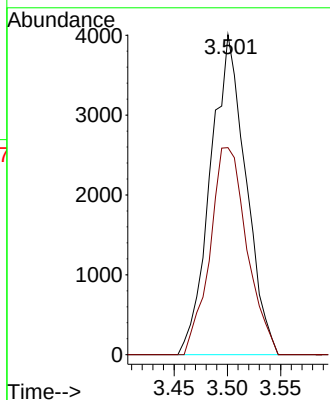
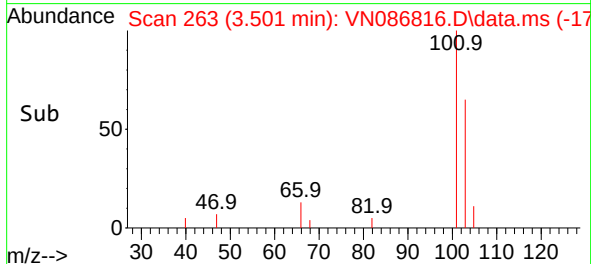
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:101 Resp: 9248
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.0 75.0

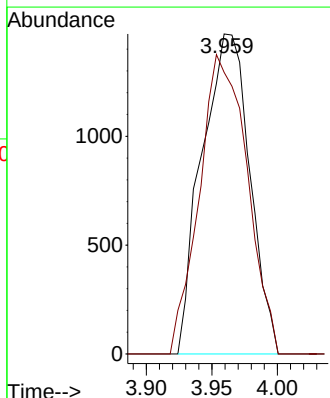
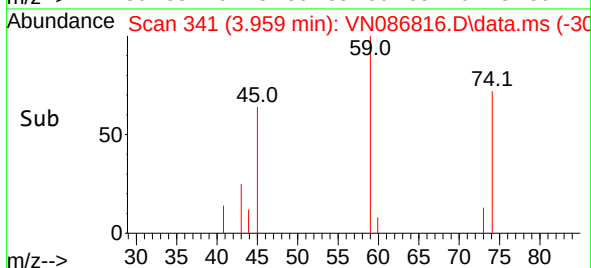
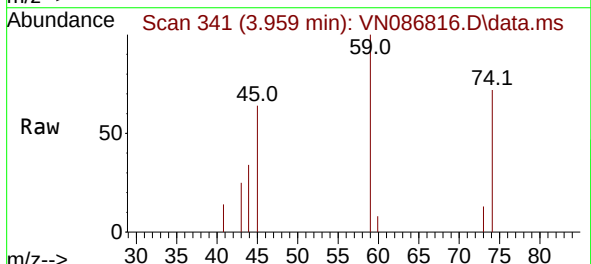
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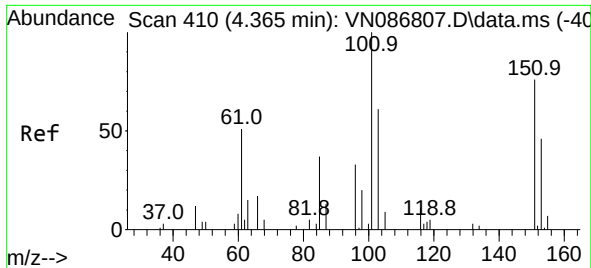
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#8
 Diethyl Ether
 Concen: 2.533 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

Tgt Ion: 74 Resp: 3730
 Ion Ratio Lower Upper
 74 100
 45 93.7 17.9 161.5





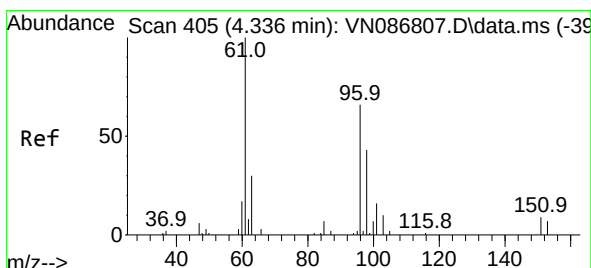
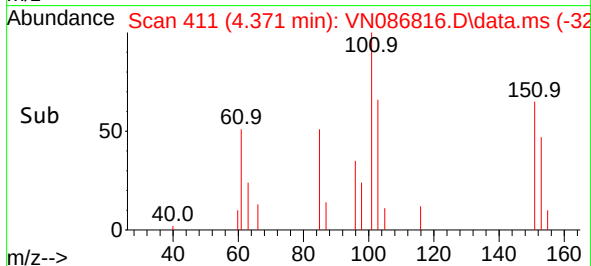
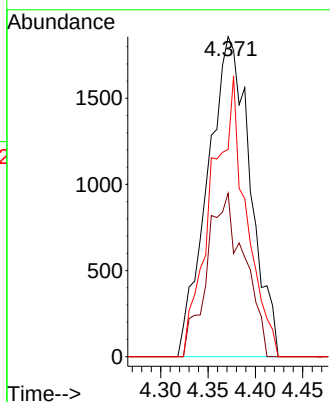
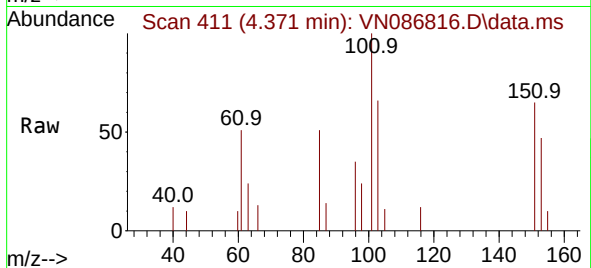
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.686 ug/l
 RT: 4.371 min Scan# 410
 Delta R.T. 0.006 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

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

Tgt Ion:101 Resp: 581
 Ion Ratio Lower Upper
 101 100
 85 5.0 0.0 83.2
 151 40.0 0.0 145.6

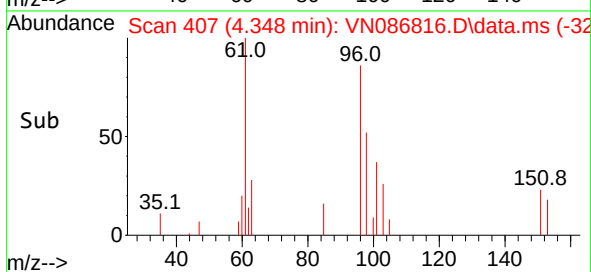
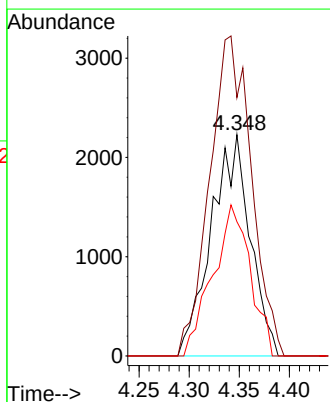
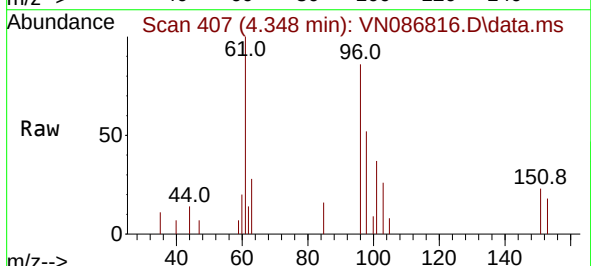
Manual Integrations
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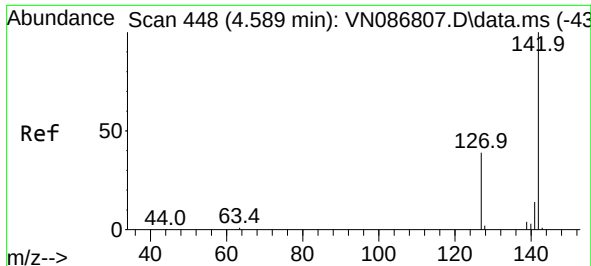
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#10
 1,1-Dichloroethene
 Concen: 2.728 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. 0.012 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

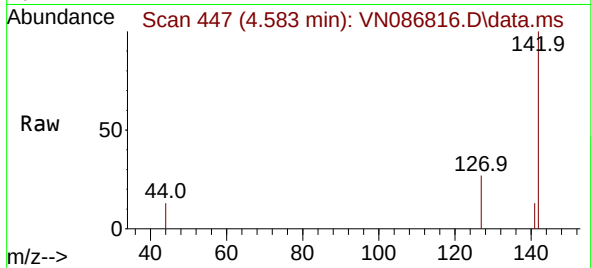
Tgt Ion: 96 Resp: 6016
 Ion Ratio Lower Upper
 96 100
 61 116.7 121.7 182.5#
 98 60.6 51.9 77.9





#11
Methyl Iodide
Concen: 2.788 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

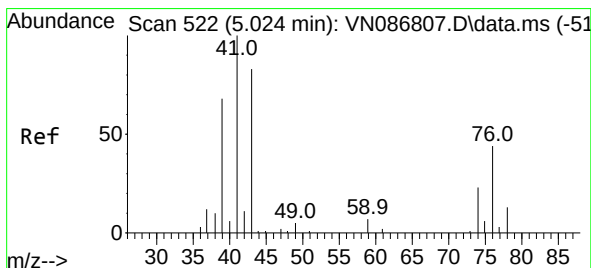
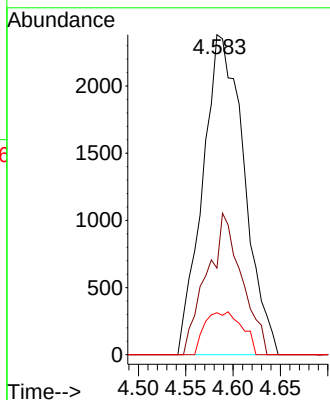
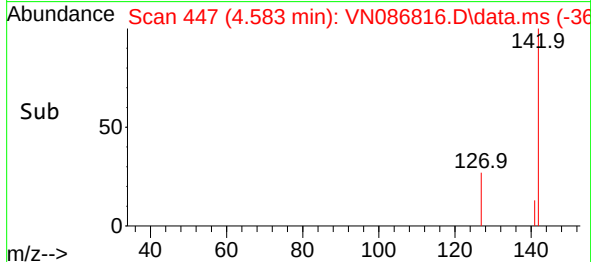
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion:142 Resp: 7249
Ion Ratio Lower Upper
142 100
127 27.1 19.5 58.5
141 13.1 7.1 21.4

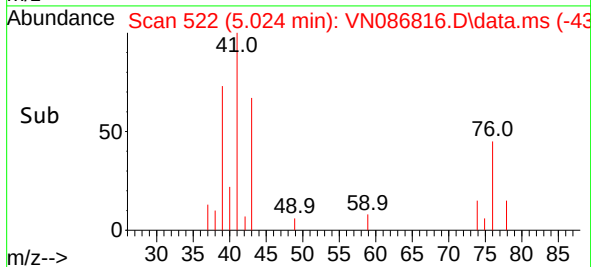
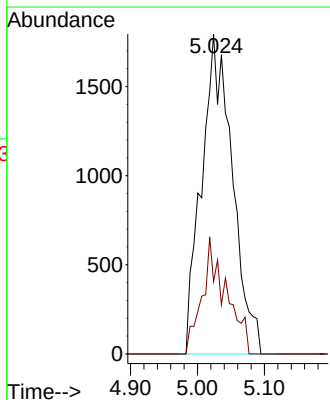
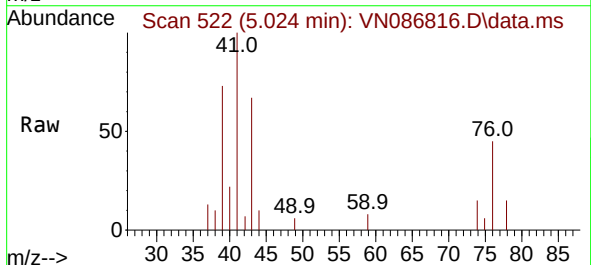
Manual Integrations
APPROVED

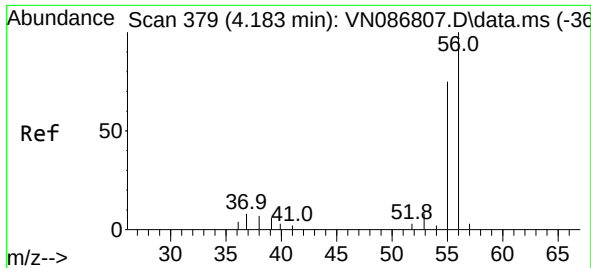
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#12
Methyl Acetate
Concen: 2.335 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

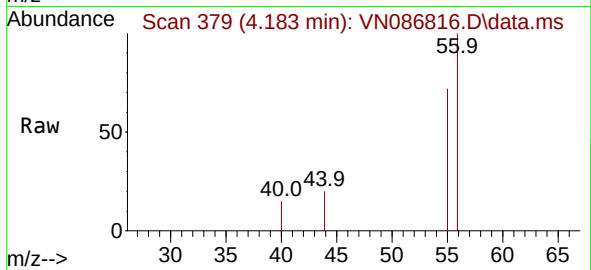
Tgt Ion: 43 Resp: 5720
Ion Ratio Lower Upper
43 100
74 22.6 22.7 34.1#





#13
Acrolein
Concen: 21.345 ug/l m
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

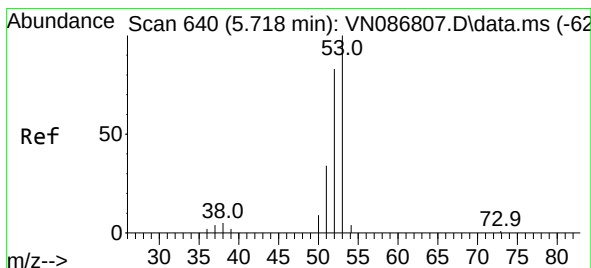
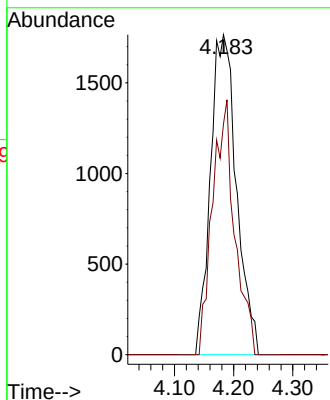
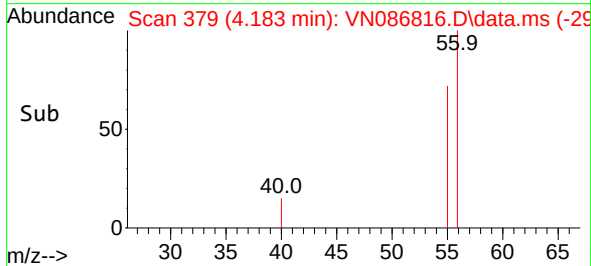
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



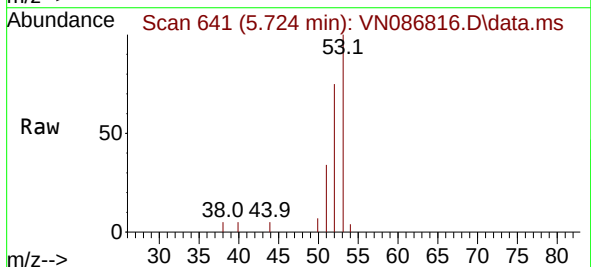
Tgt Ion: 56 Resp: 540
Ion Ratio Lower Upper
56 100
55 67.7 55.9 83.9

Manual Integrations
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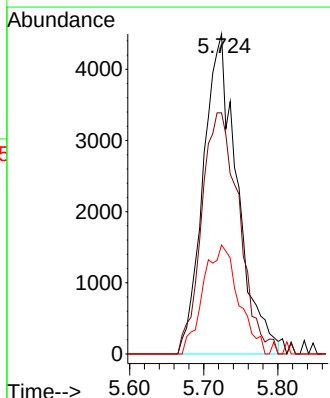
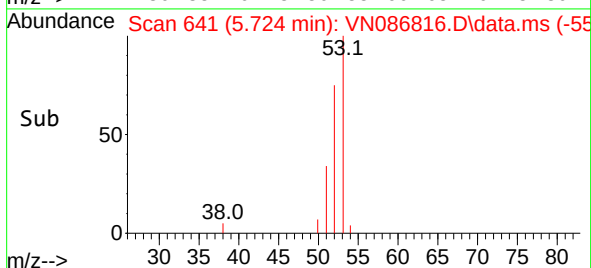
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

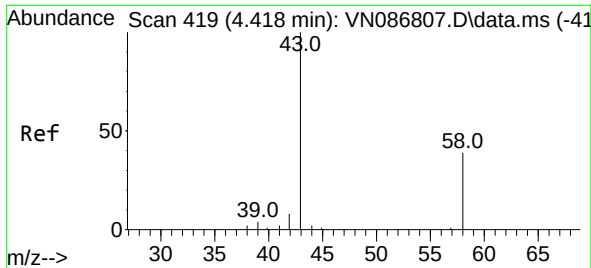


#14
Acrylonitrile
Concen: 12.568 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



Tgt Ion: 53 Resp: 14325
Ion Ratio Lower Upper
53 100
52 82.0 40.0 119.9
51 21.9 17.5 52.6





#15

Acetone

Concen: 14.172 ug/l

RT: 4.424 min Scan# 419

Delta R.T. 0.006 min

Lab File: VN086816.D

Acq: 29 May 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

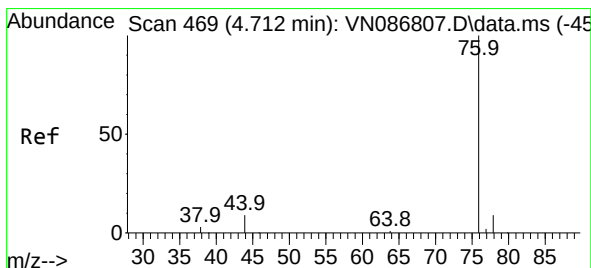
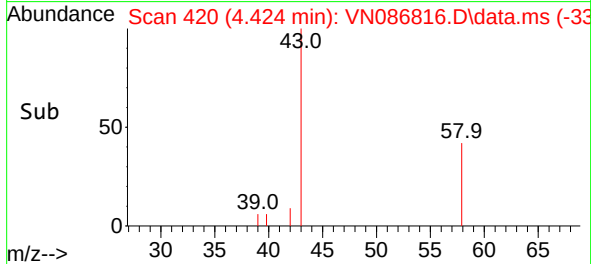
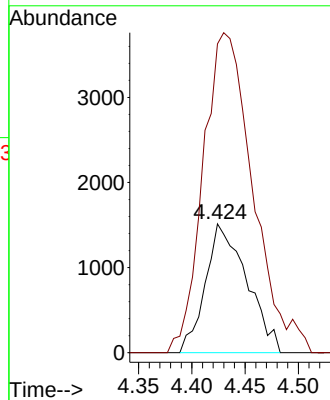
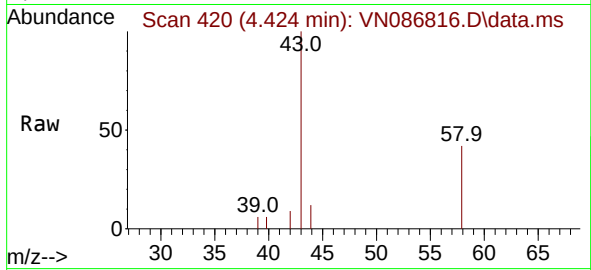
Tgt Ion: 58 Resp: 4090
 Ion Ratio Lower Upper
 58 100
 43 226.9 207.7 311.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#16

Carbon Disulfide

Concen: 2.905 ug/l

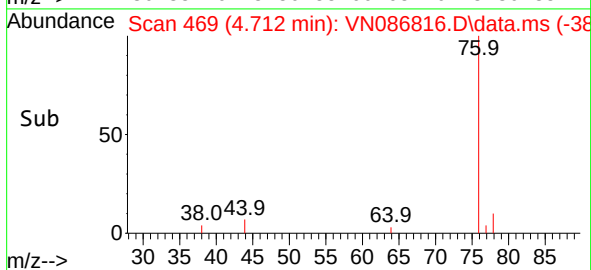
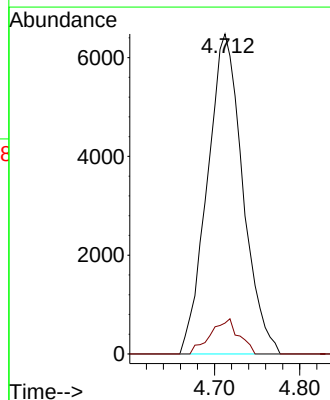
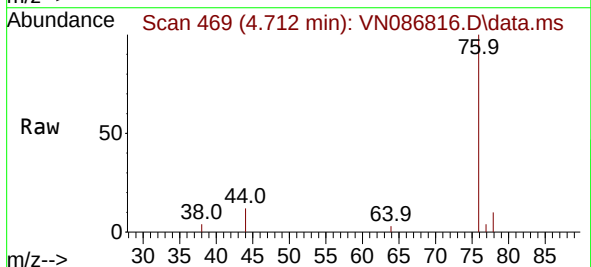
RT: 4.712 min Scan# 469

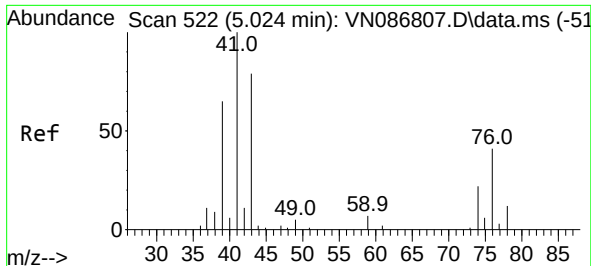
Delta R.T. 0.000 min

Lab File: VN086816.D

Acq: 29 May 2025 15:29

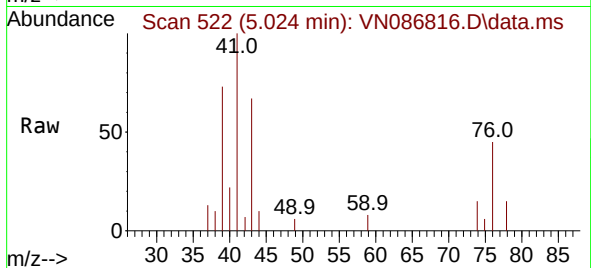
Tgt Ion: 76 Resp: 18702
 Ion Ratio Lower Upper
 76 100
 78 9.7 7.2 10.8





#17
 Allyl chloride
 Concen: 2.765 ug/l m
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

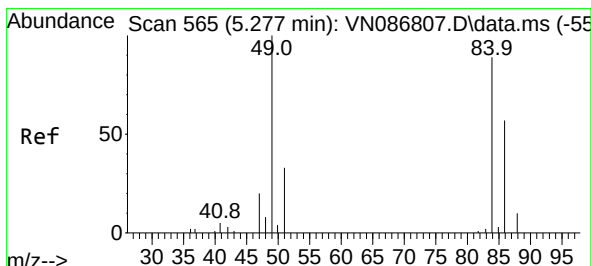
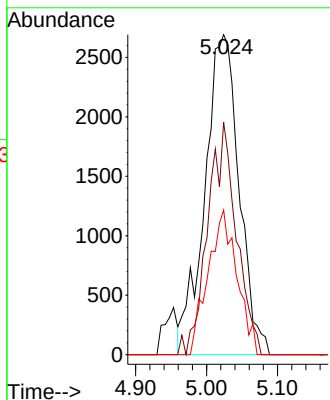
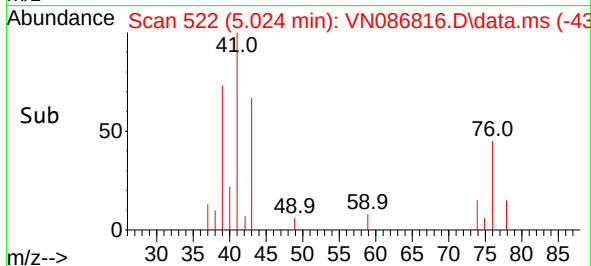
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 41 Resp: 906
 Ion Ratio Lower Upper
 41 100
 39 72.7 31.6 94.8
 76 45.2 20.1 60.2

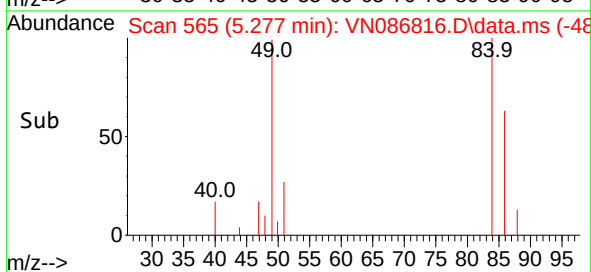
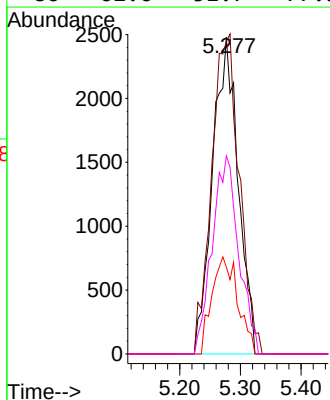
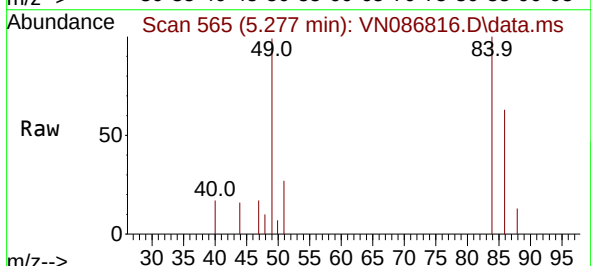
Manual Integrations
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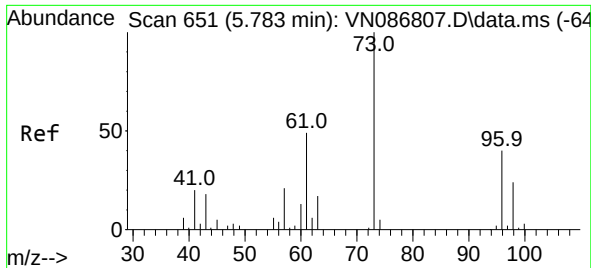
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#18
 Methylene Chloride
 Concen: 2.827 ug/l m
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

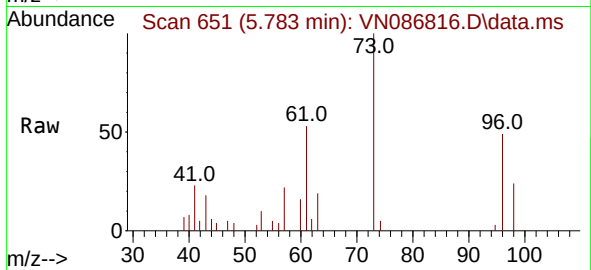
Tgt Ion: 84 Resp: 7242
 Ion Ratio Lower Upper
 84 100
 49 98.7 89.9 134.9
 51 27.4 29.6 44.4#
 86 62.6 51.7 77.5





#19
trans-1,2-Dichloroethene
Concen: 2.841 ug/l m
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

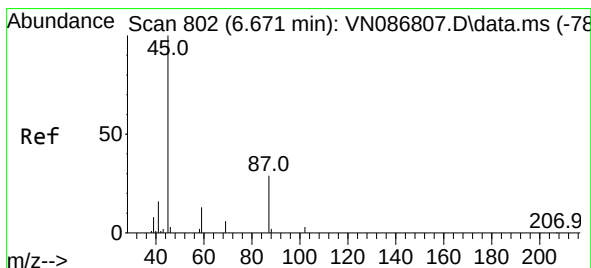
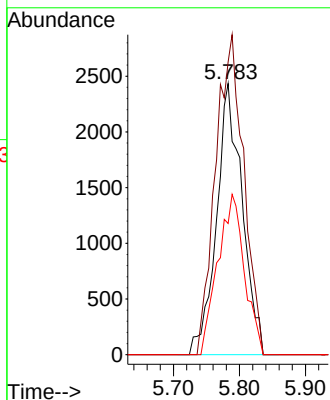
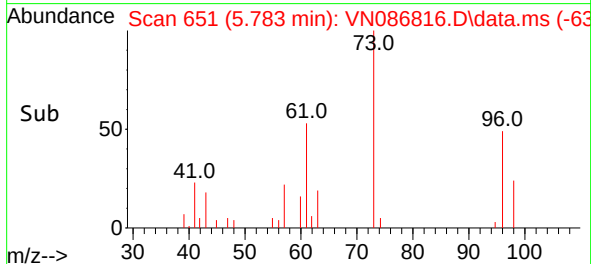
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



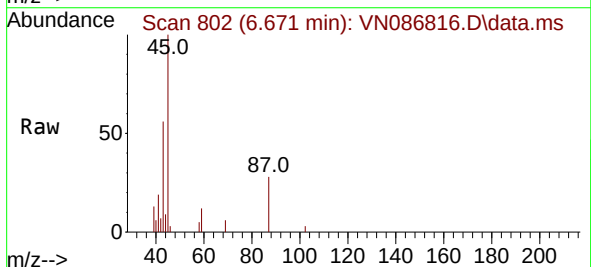
Tgt Ion: 96 Resp: 6558
Ion Ratio Lower Upper
96 100
61 107.9 98.9 148.3
98 48.4 49.0 73.4

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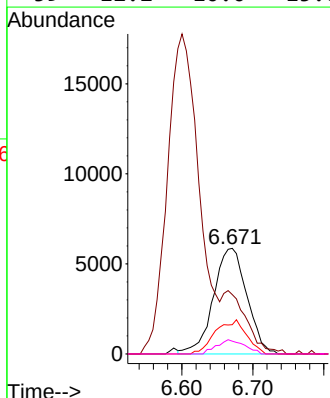
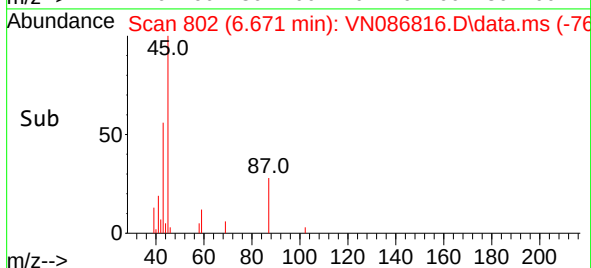
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

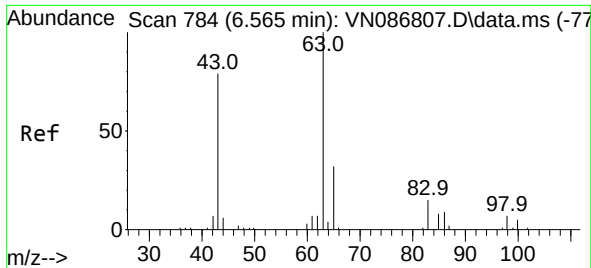


#20
Diisopropyl ether
Concen: 2.659 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



Tgt Ion: 45 Resp: 19188
Ion Ratio Lower Upper
45 100
43 53.4 40.3 60.5
87 27.7 24.1 36.1
59 12.2 10.0 15.0





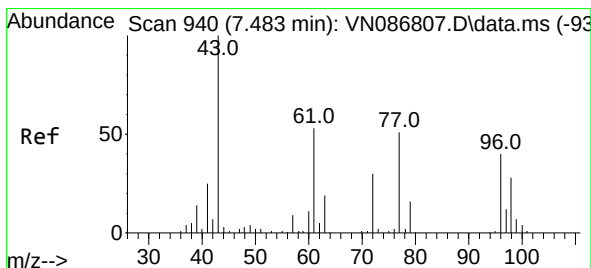
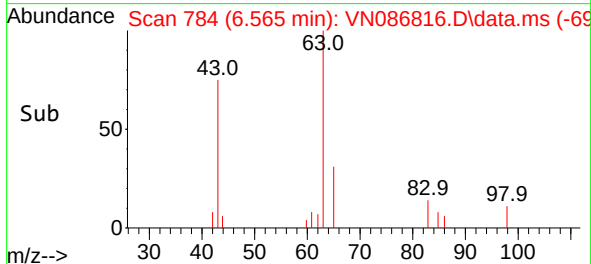
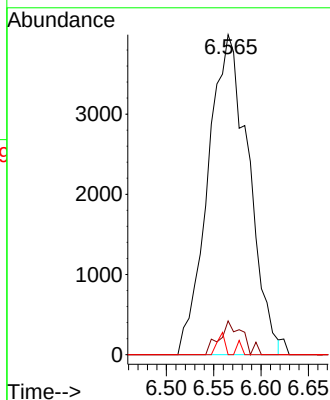
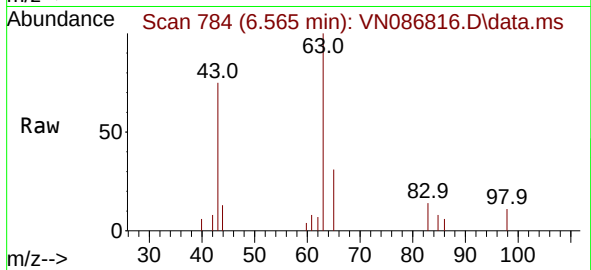
#21
1,1-Dichloroethane
Concen: 2.738 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

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

Tgt Ion: 63 Resp: 1192
Ion Ratio Lower Upper
63 100
98 10.5 3.8 11.2
100 0.0 2.3 6.8

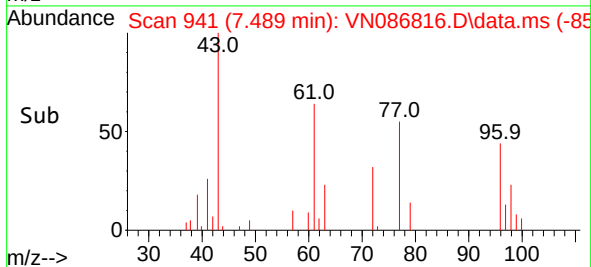
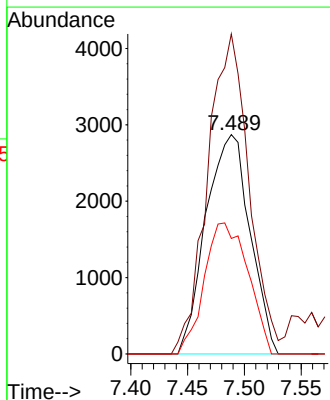
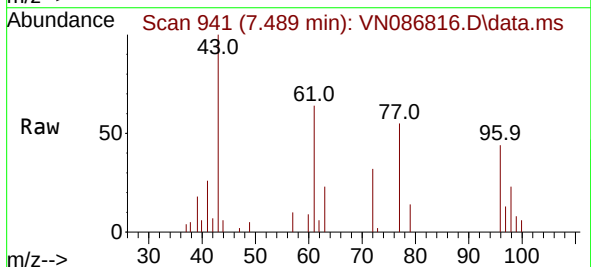
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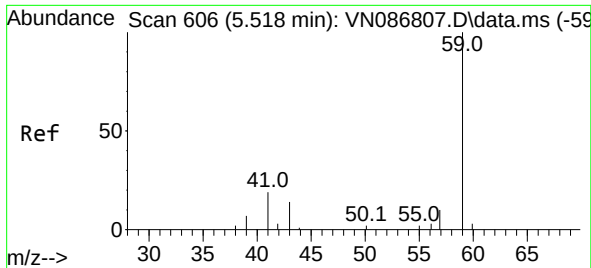
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#22
cis-1,2-Dichloroethene
Concen: 2.775 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

Tgt Ion: 96 Resp: 7756
Ion Ratio Lower Upper
96 100
61 136.4 110.7 166.1
98 59.1 51.8 77.8





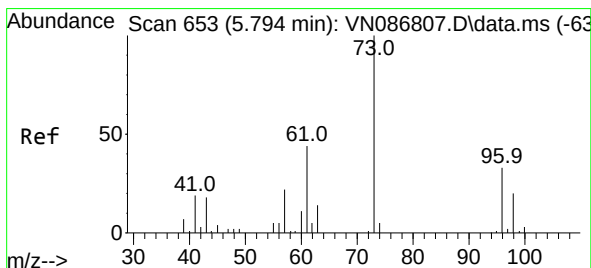
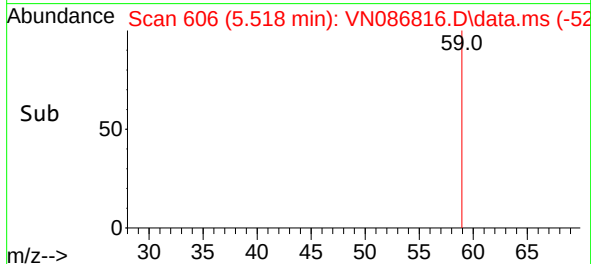
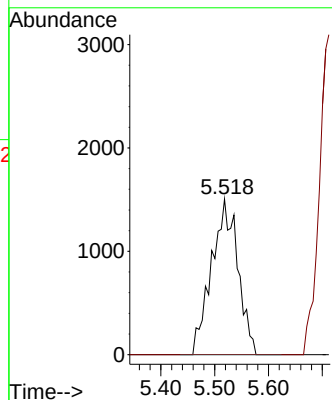
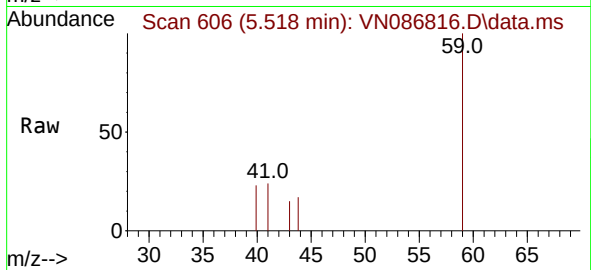
#23
tert-Butyl Alcohol
Concen: 13.942 ug/l m
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

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

Tgt Ion: 59 Resp: 510
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

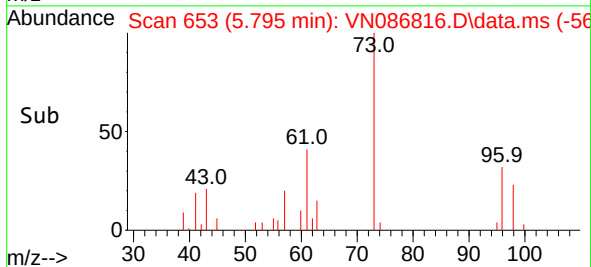
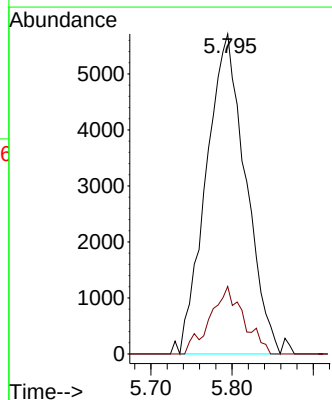
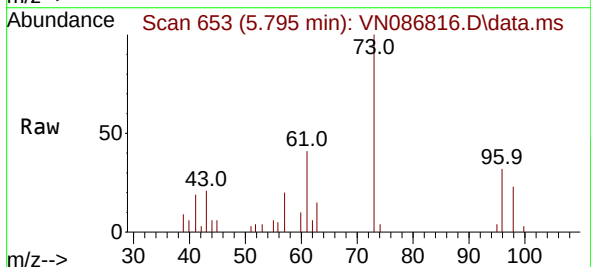
Manual Integrations
APPROVED

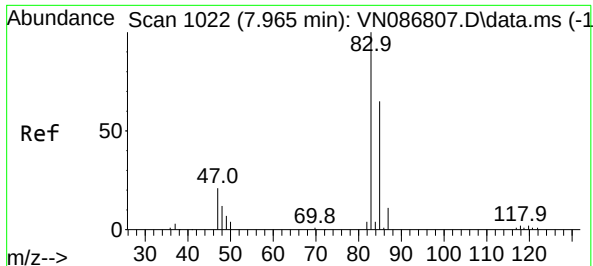
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#24
Methyl tert-Butyl Ether
Concen: 2.648 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

Tgt Ion: 73 Resp: 19246
Ion Ratio Lower Upper
73 100
43 10.4 14.6 22.0#





#25

Chloroform

Concen: 2.698 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086816.D

Acq: 29 May 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 83 Resp: 11500

Ion Ratio Lower Upper

83 100

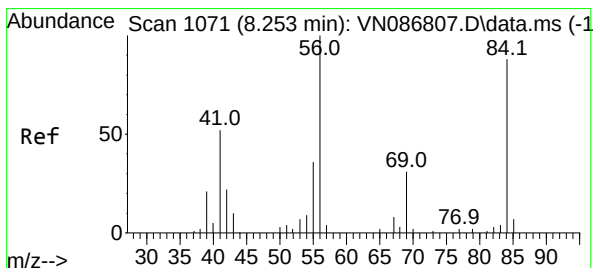
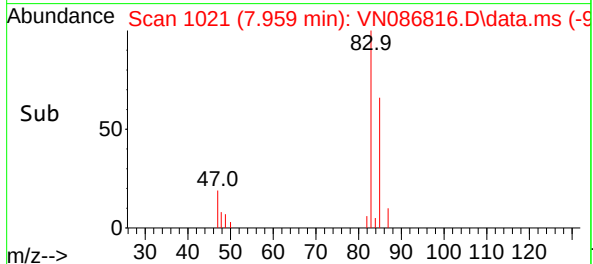
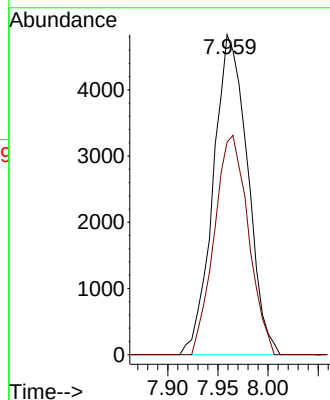
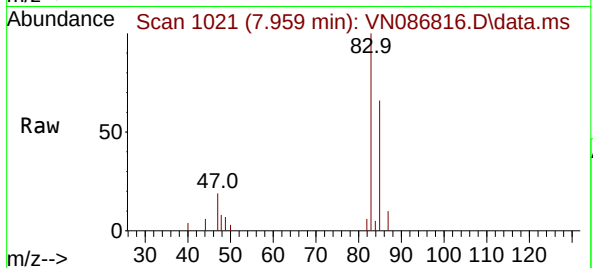
85 66.4 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#26

Cyclohexane

Concen: 2.654 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VN086816.D

Acq: 29 May 2025 15:29

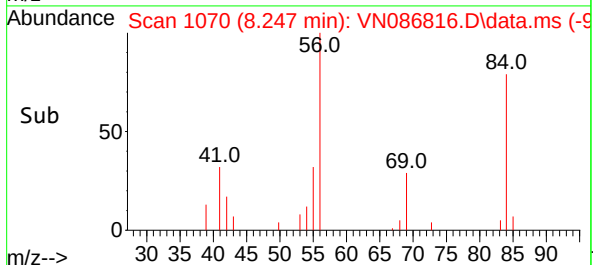
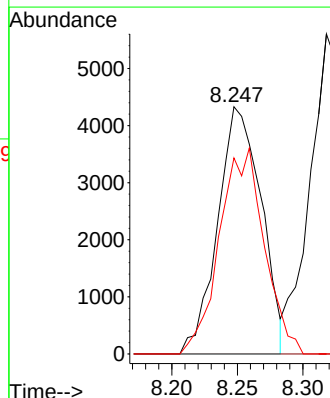
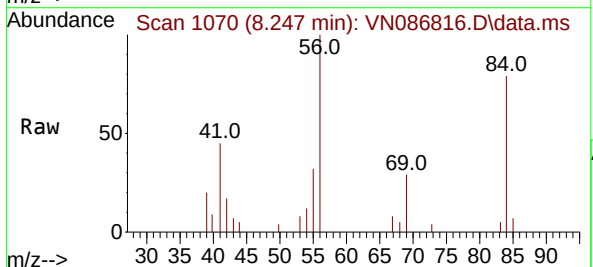
Tgt Ion: 56 Resp: 10002

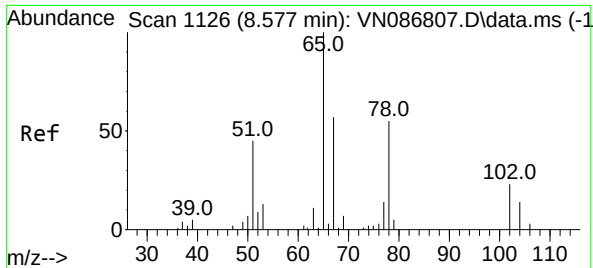
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

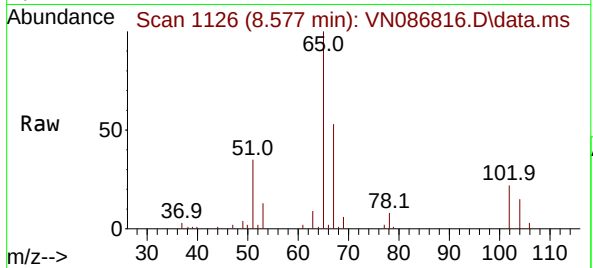
84 85.4 70.4 105.6





#27
1,2-Dichloroethane-d4
Concen: 31.103 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

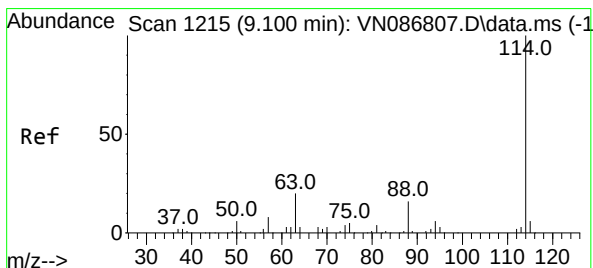
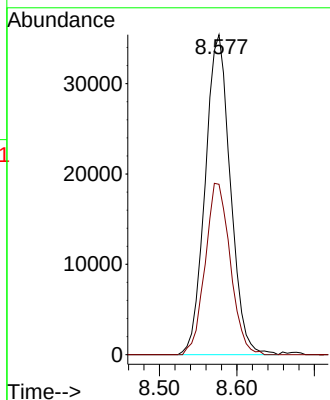
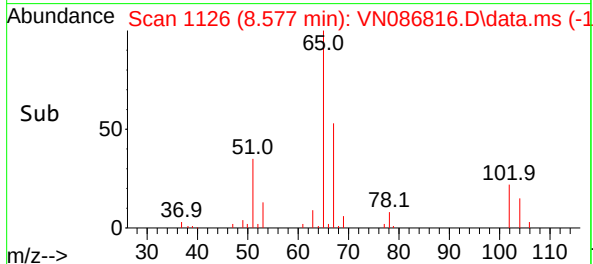
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



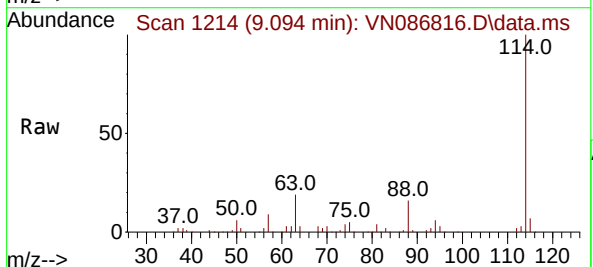
Tgt Ion: 65 Resp: 79919
Ion Ratio Lower Upper
65 100
67 53.5 44.6 67.0

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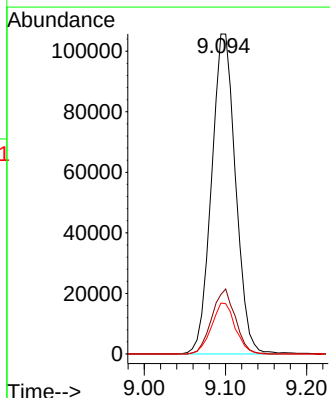
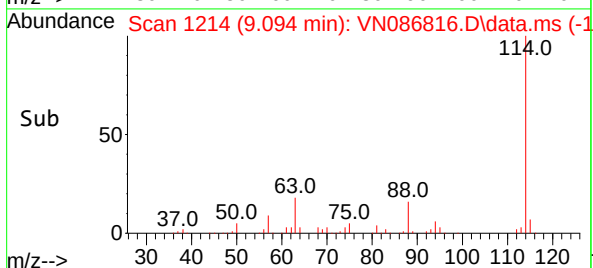
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

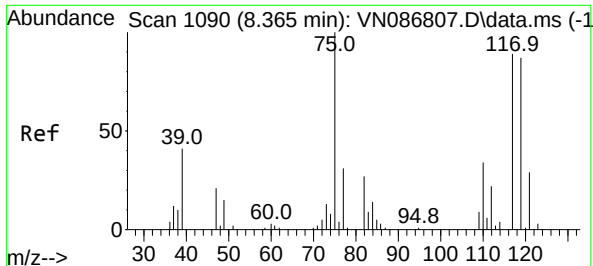


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



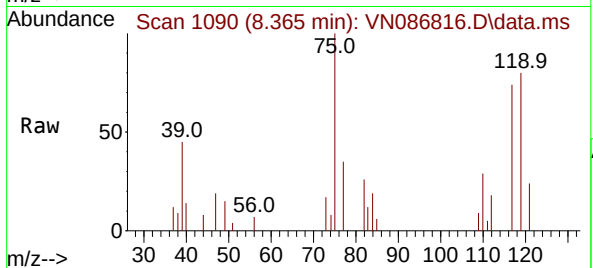
Tgt Ion:114 Resp: 217816
Ion Ratio Lower Upper
114 100
63 19.8 15.8 23.8
88 15.7 12.9 19.3





#29
1,1-Dichloropropene
Concen: 2.621 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

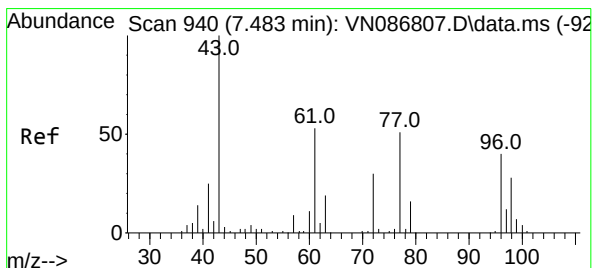
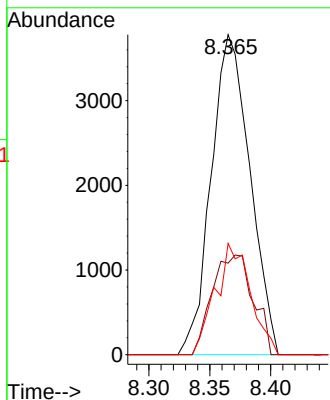
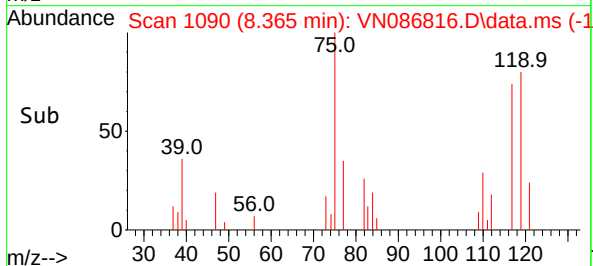
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 75 Resp: 8395
Ion Ratio Lower Upper
75 100
110 33.0 0.0 71.0
77 31.4 0.0 62.4

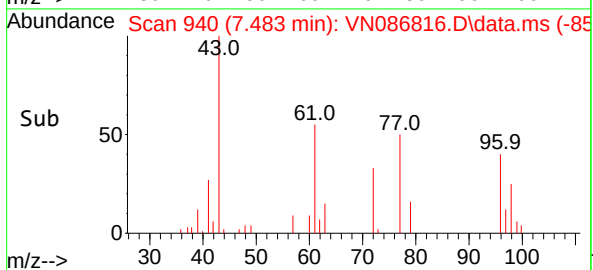
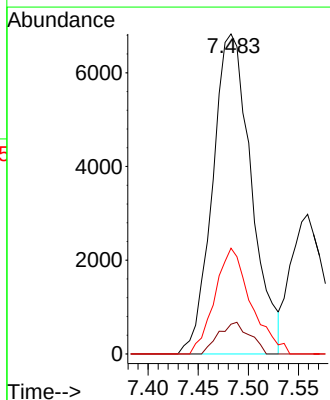
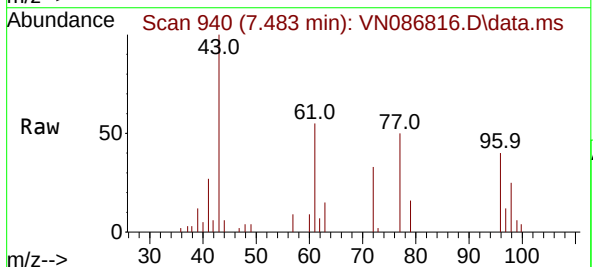
Manual Integrations
APPROVED

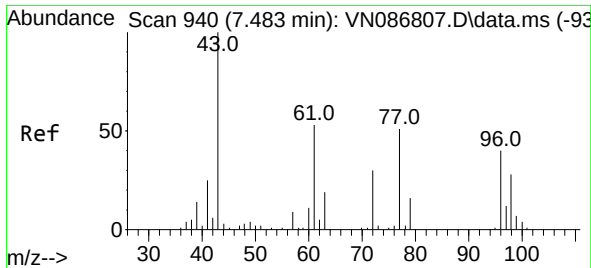
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#30
2-Butanone
Concen: 13.101 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

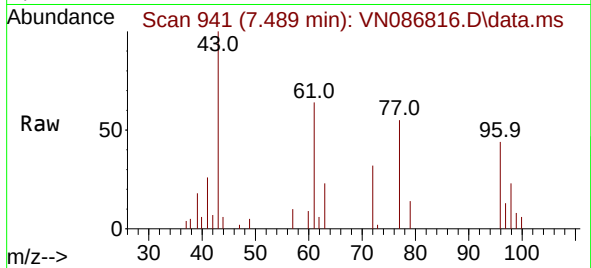
Tgt Ion: 43 Resp: 18383
Ion Ratio Lower Upper
43 100
57 8.0 6.8 10.2
72 30.8 23.4 35.0





#31
2,2-Dichloropropane
Concen: 2.702 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

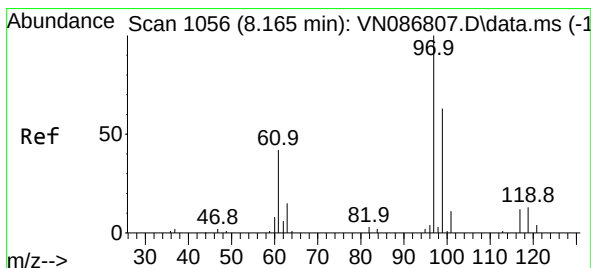
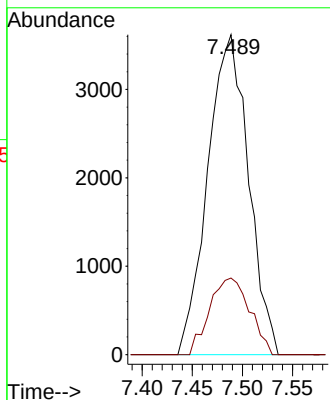
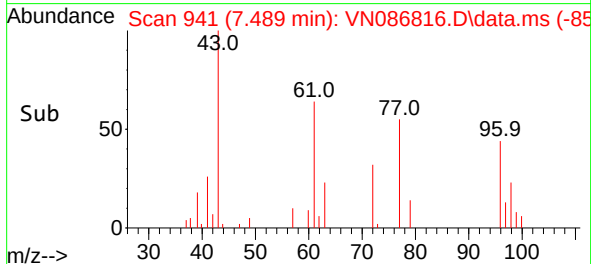
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



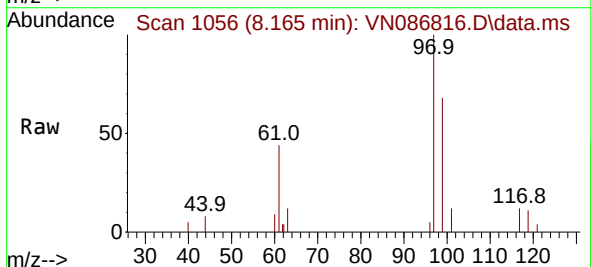
Tgt Ion: 77 Resp: 10210
Ion Ratio Lower Upper
77 100
97 23.6 18.6 27.8

Manual Integrations
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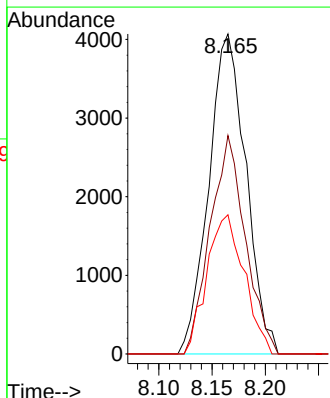
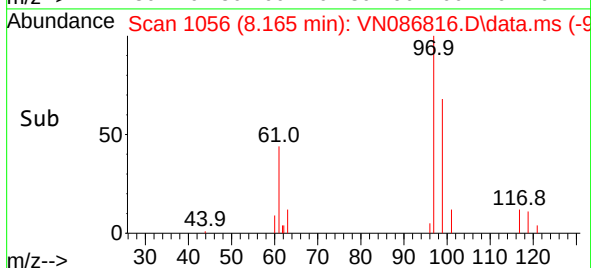
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

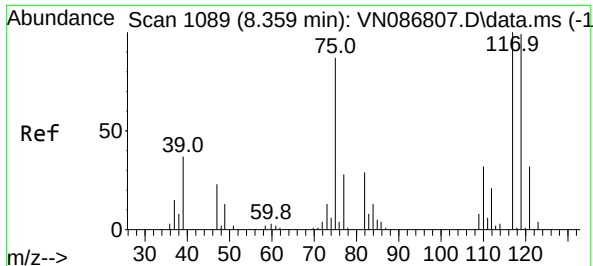


#32
1,1,1-Trichloroethane
Concen: 2.662 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



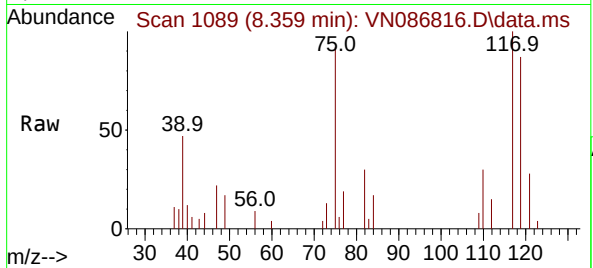
Tgt Ion: 97 Resp: 9882
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 43.5 35.4 53.2





#33
Carbon Tetrachloride
Concen: 2.430 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

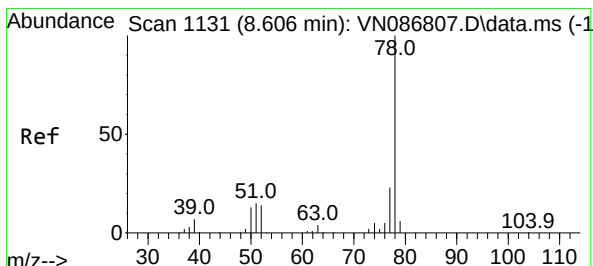
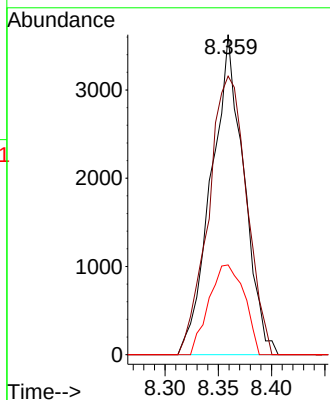
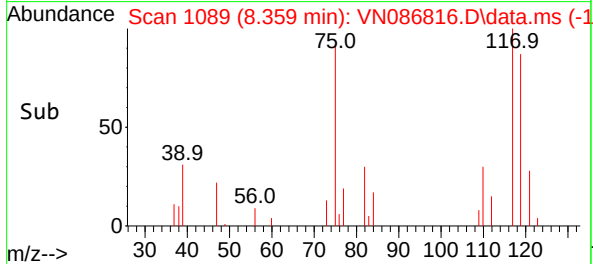
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



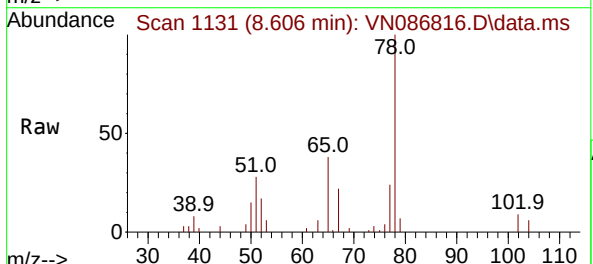
Tgt Ion: 117 Resp: 771
Ion Ratio Lower Upper
117 100
119 87.1 79.2 118.8
121 28.0 25.6 38.4

Manual Integrations
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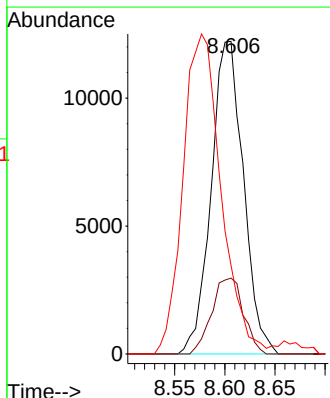
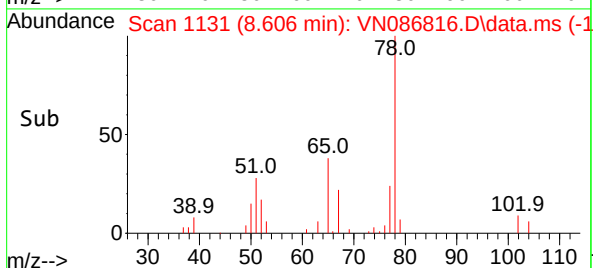
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

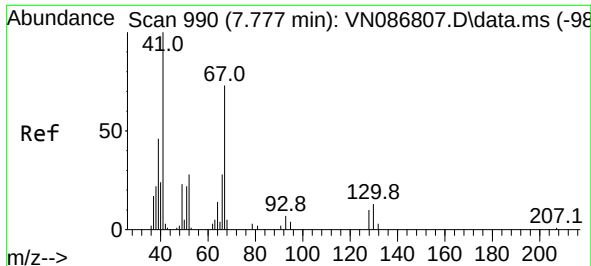


#34
Benzene
Concen: 2.622 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



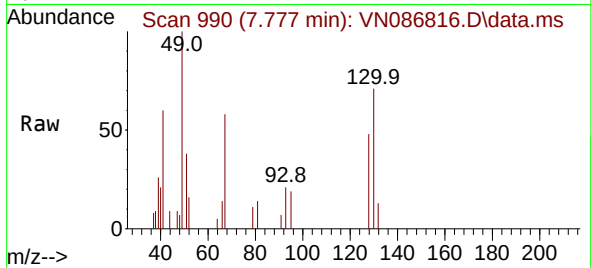
Tgt Ion: 78 Resp: 27322
Ion Ratio Lower Upper
78 100
77 24.3 18.2 27.2
51 26.0 11.9 17.9#





#35
Methacrylonitrile
Concen: 2.470 ug/l m
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

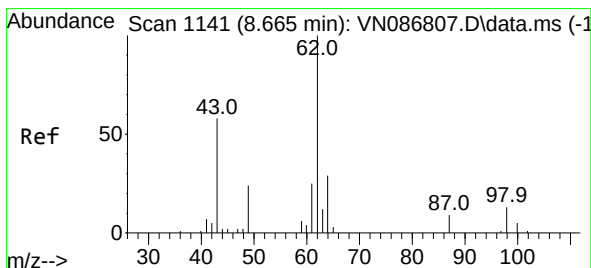
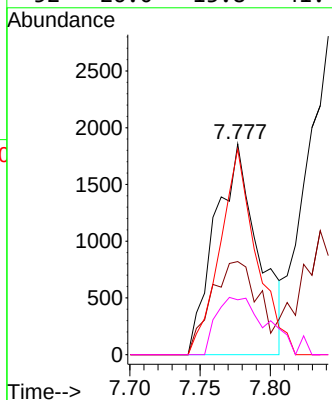
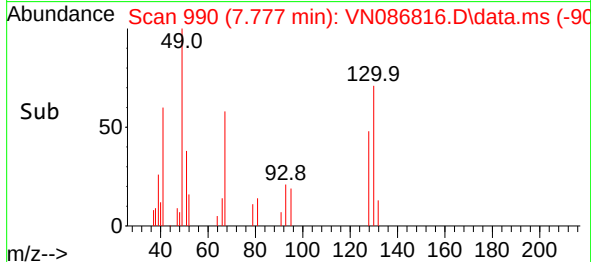
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 41 Resp: 398
Ion Ratio Lower Upper
41 100
39 44.2 23.2 69.6
67 97.6 36.5 109.7
52 26.0 13.8 41.4

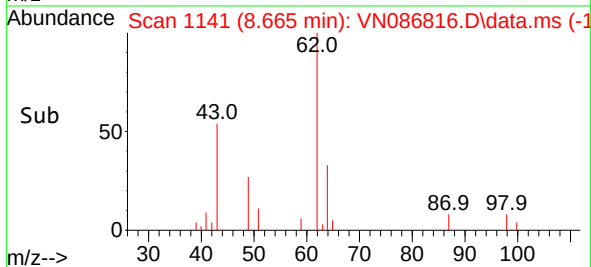
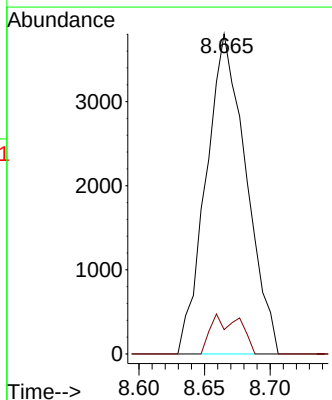
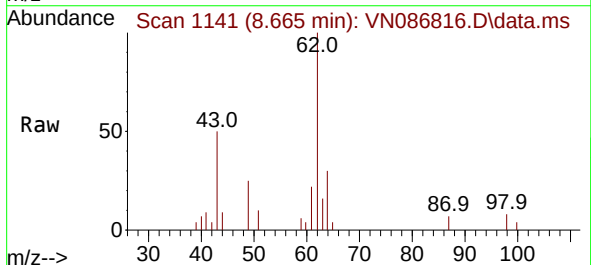
Manual Integrations
APPROVED

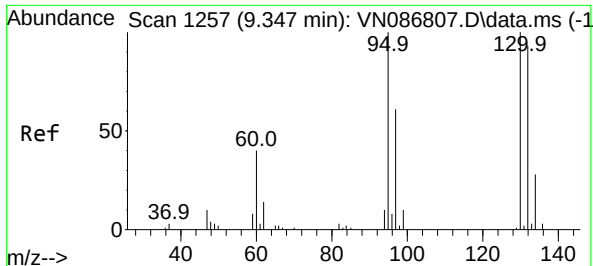
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#36
1,2-Dichloroethane
Concen: 2.647 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

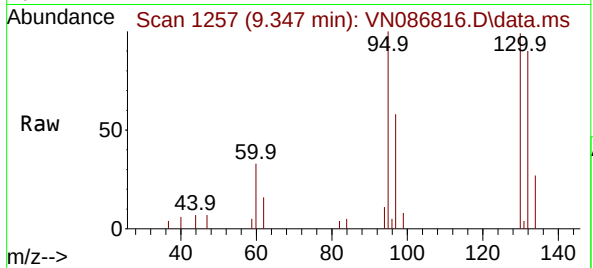
Tgt Ion: 62 Resp: 8081
Ion Ratio Lower Upper
62 100
98 4.5 8.5 12.7#





#37
Trichloroethene
Concen: 2.668 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

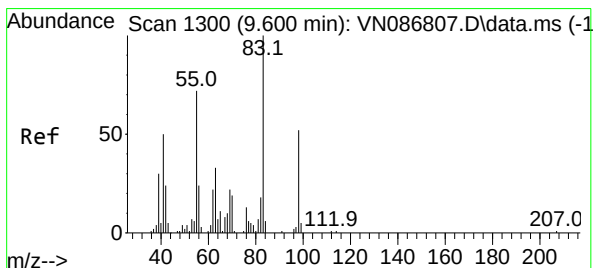
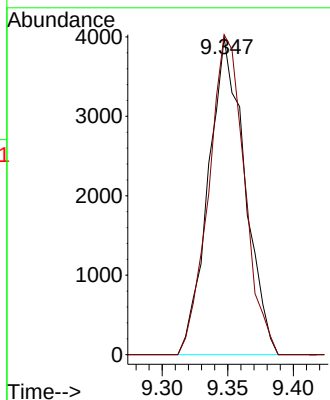
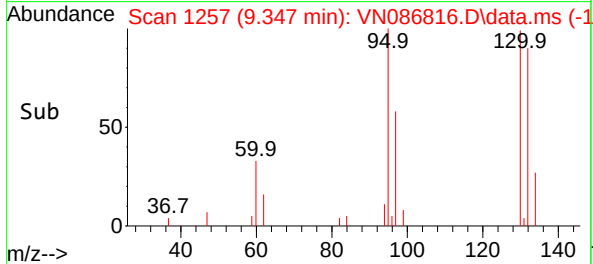
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



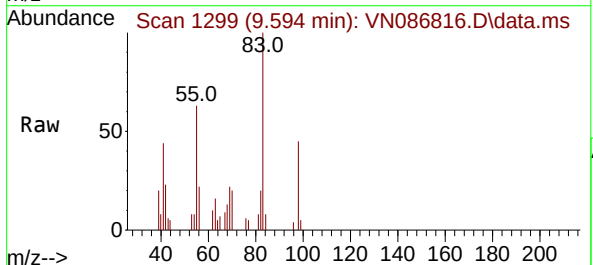
Tgt Ion:130 Resp: 771
Ion Ratio Lower Upper
130 100
95 101.0 80.3 120.5

Manual Integrations
APPROVED

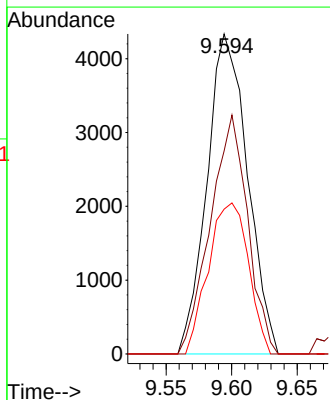
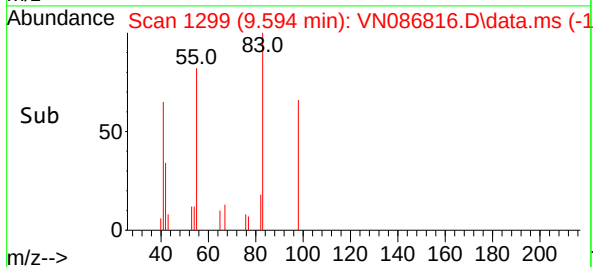
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

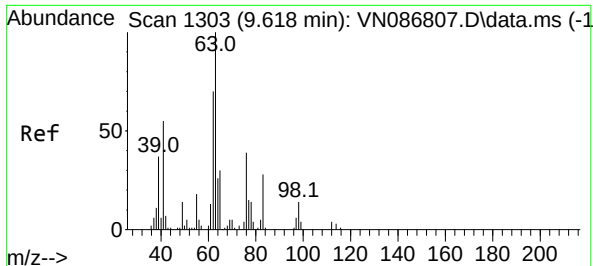


#38
Methylcyclohexane
Concen: 2.624 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



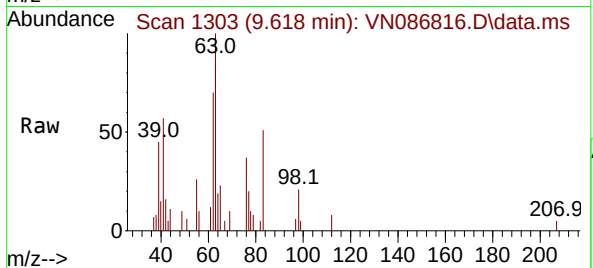
Tgt Ion: 83 Resp: 9324
Ion Ratio Lower Upper
83 100
55 68.8 37.4 112.1
98 46.7 24.6 73.6





#39
1,2-Dichloropropane
Concen: 2.571 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

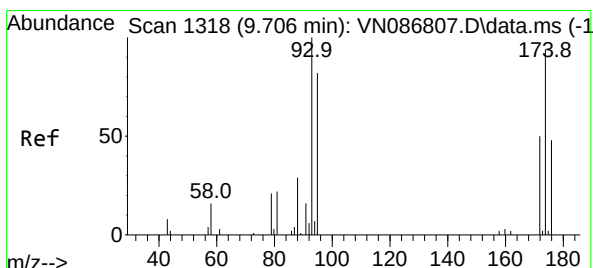
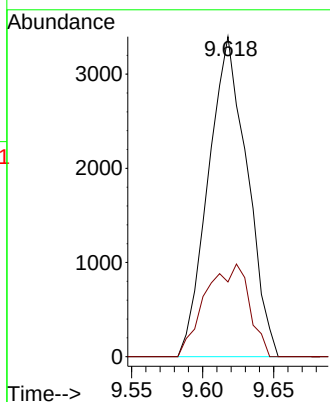
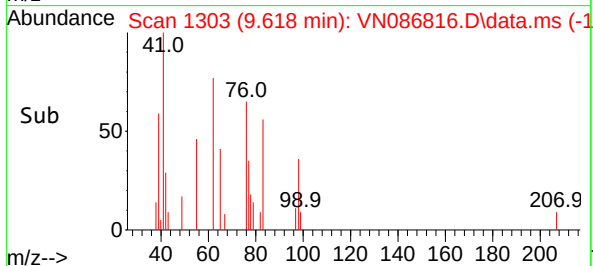
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 63 Resp: 6450
Ion Ratio Lower Upper
63 100
65 23.3 24.2 36.4

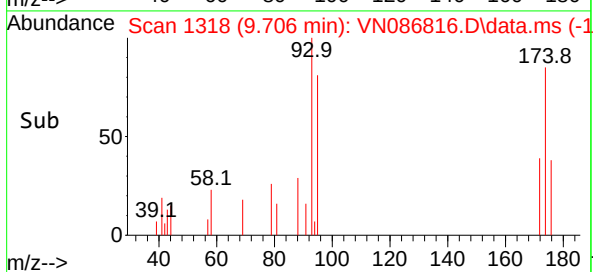
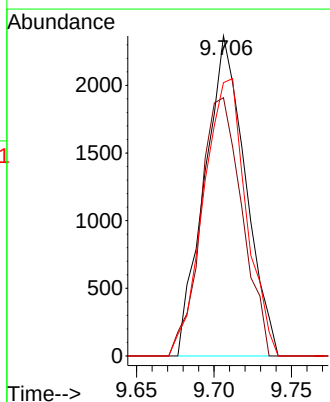
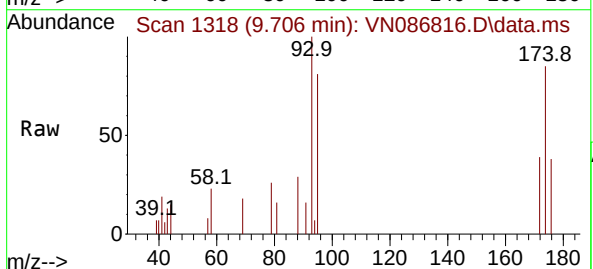
Manual Integrations
APPROVED

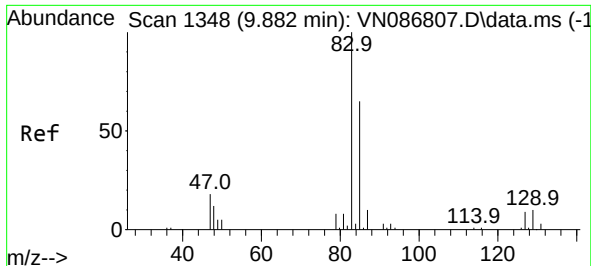
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#40
Dibromomethane
Concen: 2.635 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

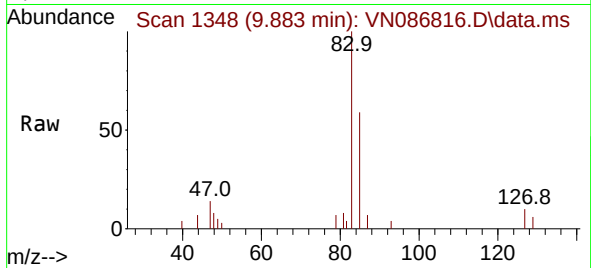
Tgt Ion: 93 Resp: 4323
Ion Ratio Lower Upper
93 100
95 82.1 0.0 166.4
174 90.6 0.0 181.8





#41
Bromodichloromethane
Concen: 2.580 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

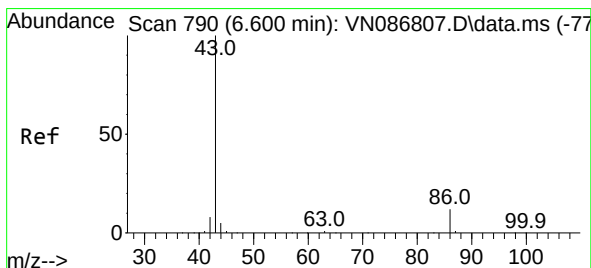
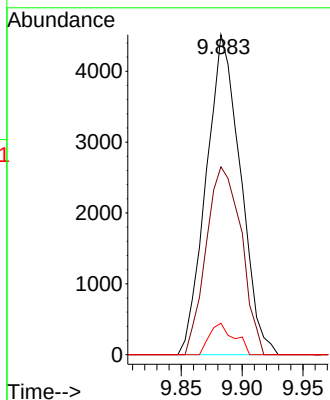
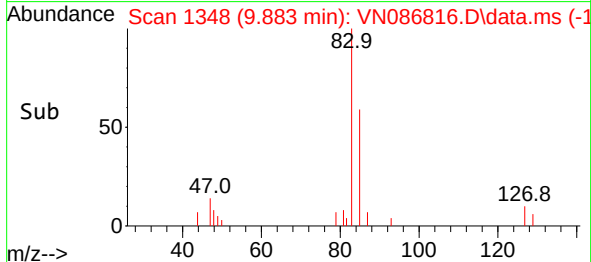
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



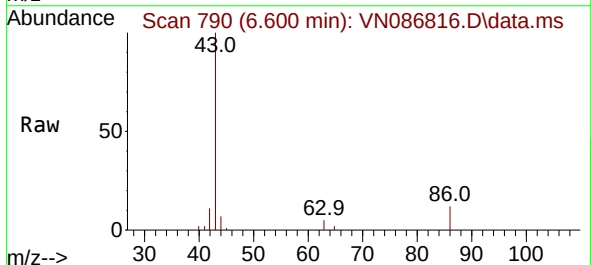
Tgt Ion: 83 Resp: 886
Ion Ratio Lower Upper
83 100
85 58.7 51.8 77.8
127 9.8 6.8 10.2

Manual Integrations
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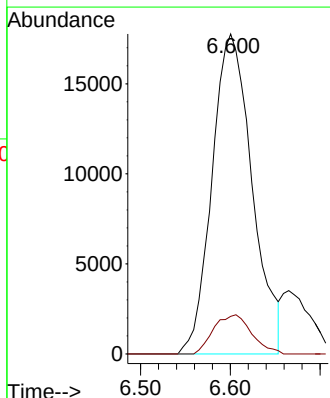
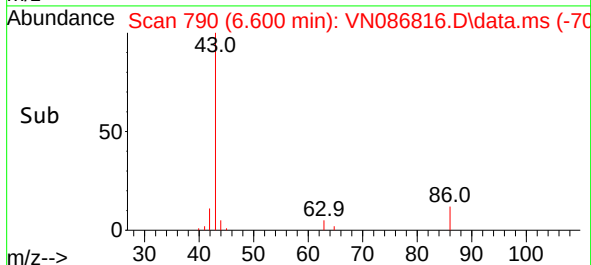
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

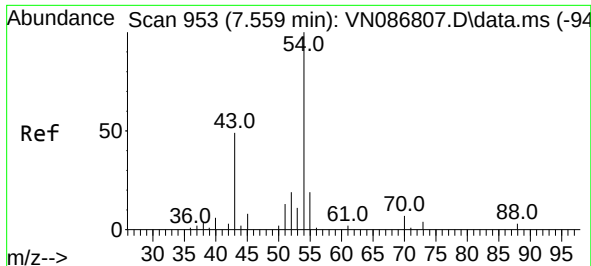


#42
Vinyl Acetate
Concen: 13.534 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



Tgt Ion: 43 Resp: 55355
Ion Ratio Lower Upper
43 100
86 11.6 9.5 14.3





#43

Ethyl Acetate

Concen: 2.559 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN086816.D

Acq: 29 May 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 7348

Ion Ratio Lower Upper

43 100

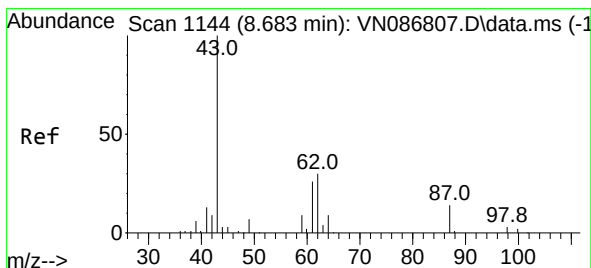
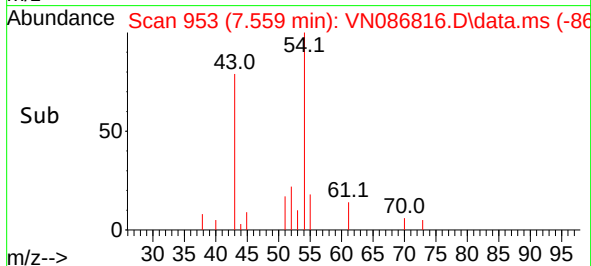
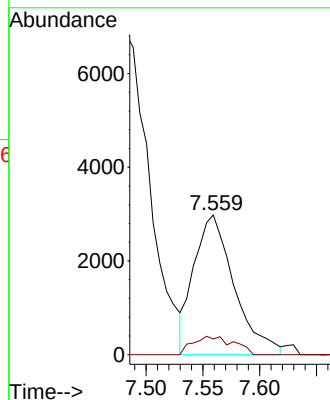
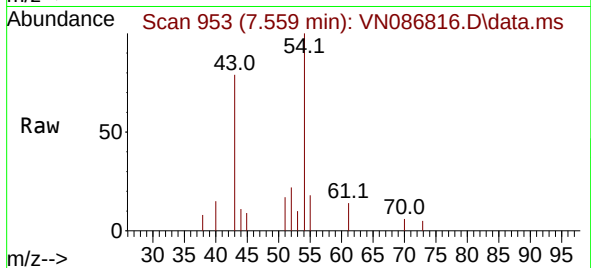
45 10.1 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#44

Isopropyl Acetate

Concen: 2.608 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN086816.D

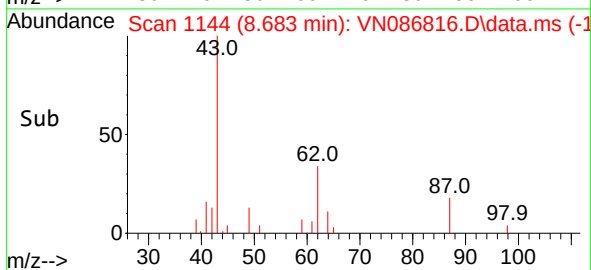
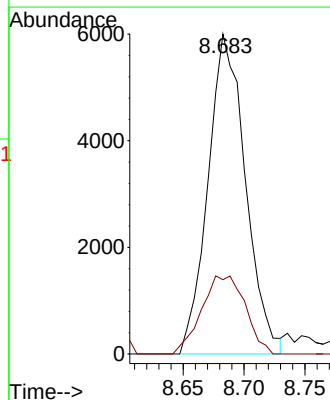
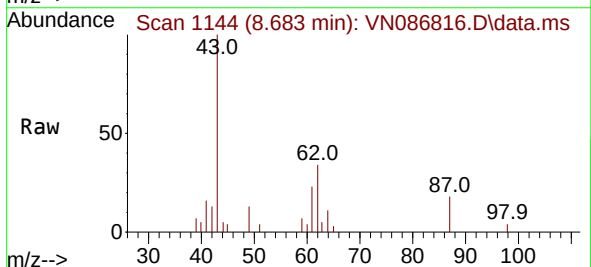
Acq: 29 May 2025 15:29

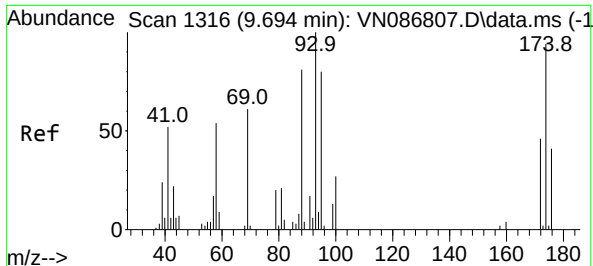
Tgt Ion: 43 Resp: 12844

Ion Ratio Lower Upper

43 100

61 28.5 23.8 35.6





#45

1,4-Dioxane

Concen: 49.248 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN086816.D

Acq: 29 May 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 88 Resp: 2150

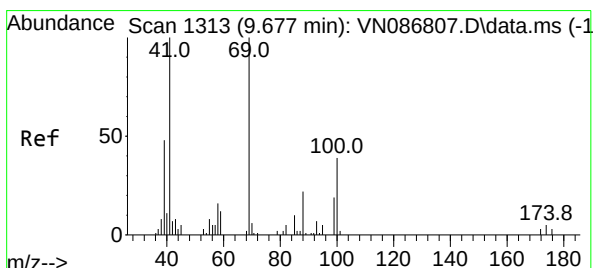
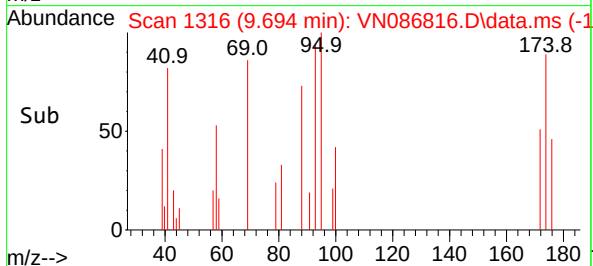
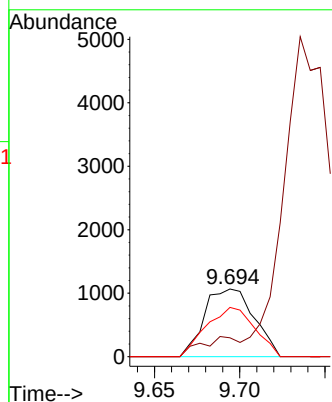
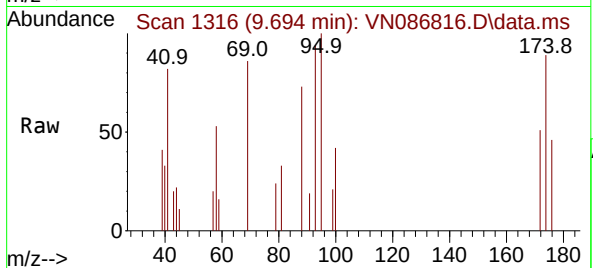
Ion	Ratio	Lower	Upper
88	100		
43	13.7	23.0	34.6
58	71.0	57.6	86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#46

Methyl methacrylate

Concen: 2.411 ug/l

RT: 9.677 min Scan# 1313

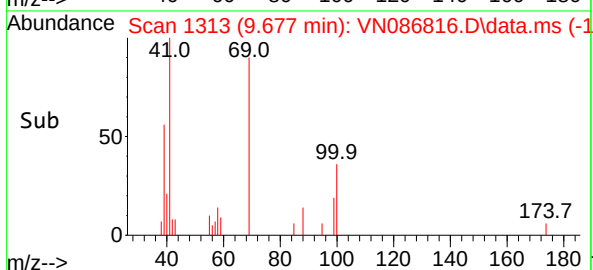
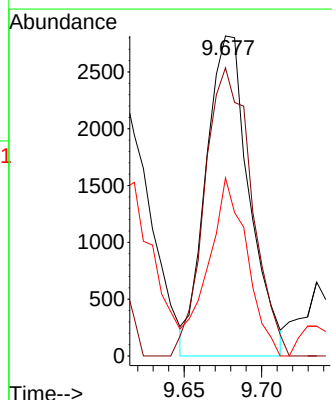
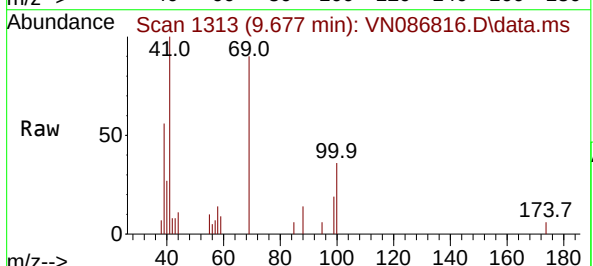
Delta R.T. 0.000 min

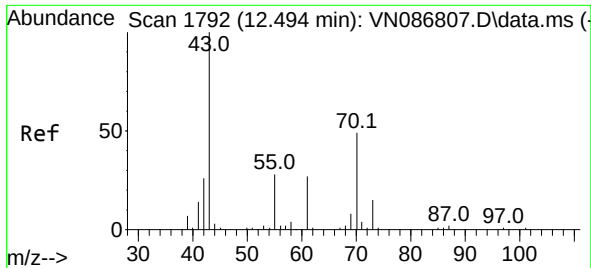
Lab File: VN086816.D

Acq: 29 May 2025 15:29

Tgt Ion: 41 Resp: 5475

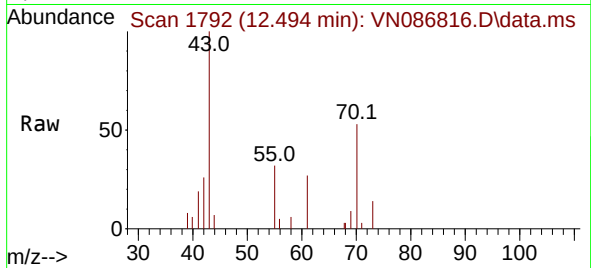
Ion	Ratio	Lower	Upper
41	100		
69	91.4	48.0	144.2
39	60.5	23.8	71.2





#47
n-amy1 Acetate
Concen: 2.244 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

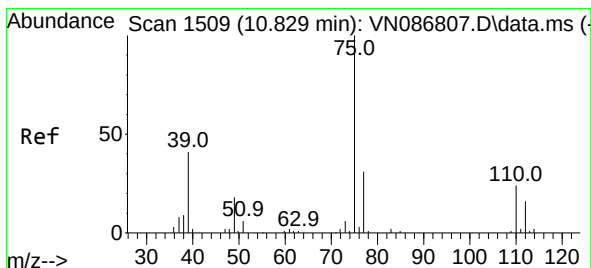
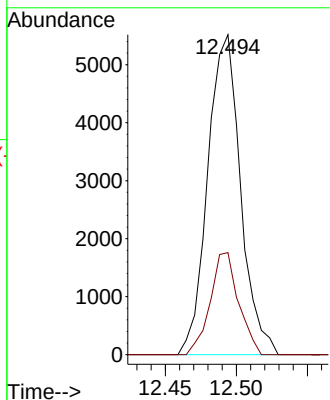
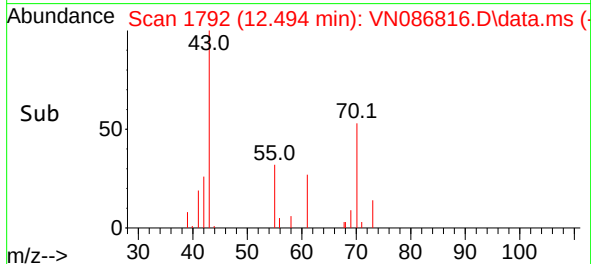
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
55 27.6 21.7 32.5

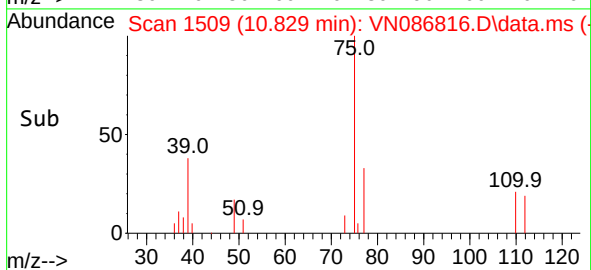
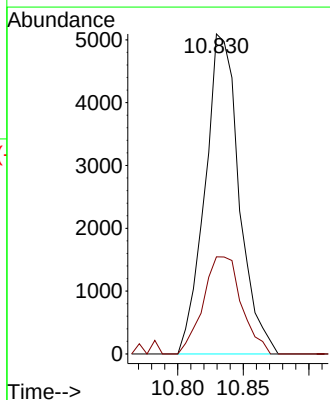
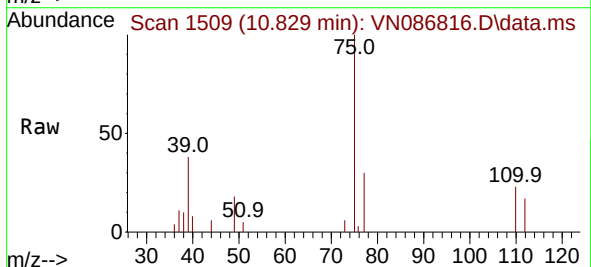
Manual Integrations
APPROVED

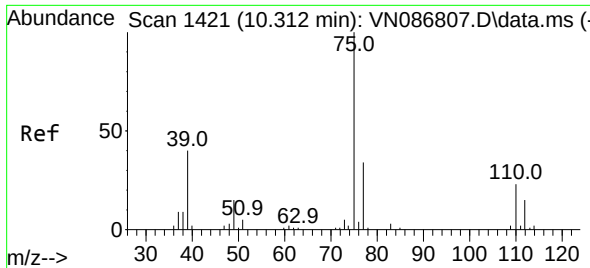
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48
t-1,3-Dichloropropene
Concen: 2.510 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

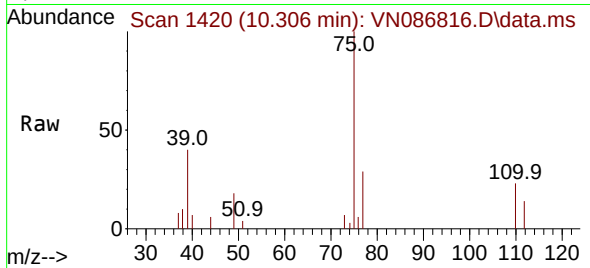
Tgt Ion: 75 Resp: 9225
Ion Ratio Lower Upper
75 100
77 30.3 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 2.445 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

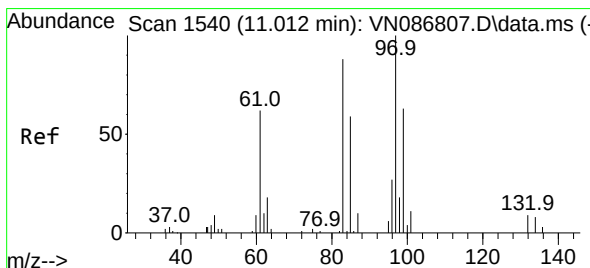
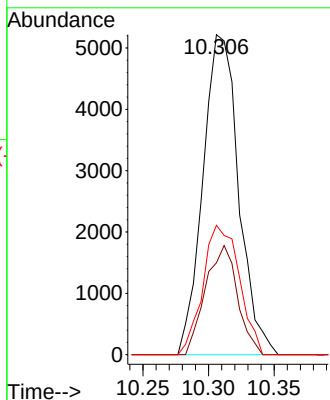
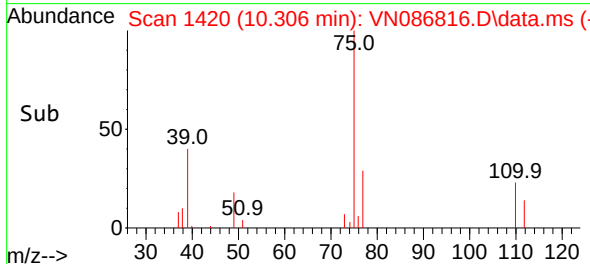
Instrument : MSVOA_N
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 75 Resp: 9884
 Ion Ratio Lower Upper
 75 100
 77 28.7 26.9 40.3
 39 40.4 31.8 47.6

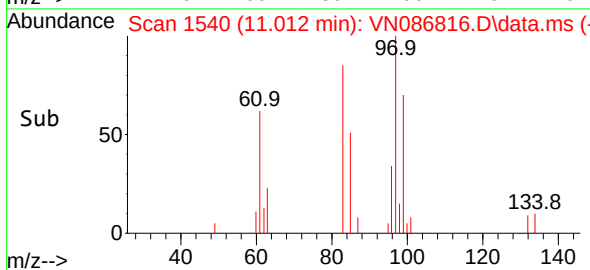
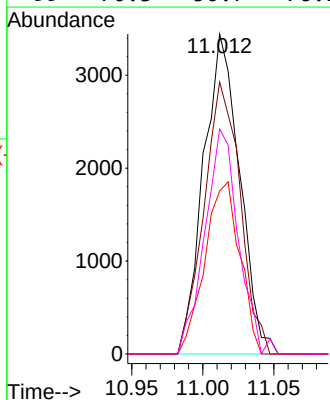
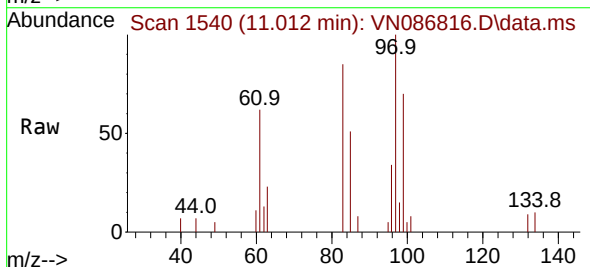
Manual Integrations
 APPROVED

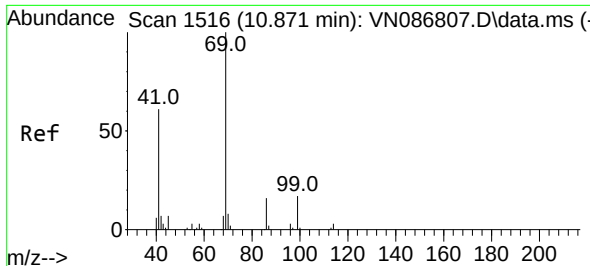
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#50
 1,1,2-Trichloroethane
 Concen: 2.632 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

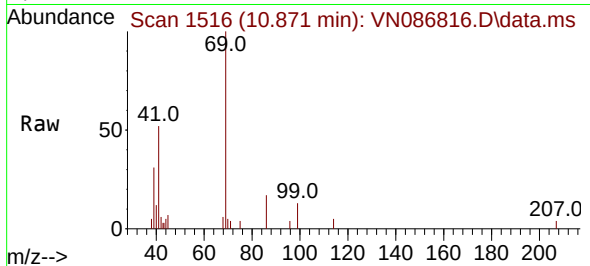
Tgt Ion: 97 Resp: 6083
 Ion Ratio Lower Upper
 97 100
 83 85.0 70.6 105.8
 85 50.9 46.8 70.2
 99 70.3 50.7 76.1





#51
Ethyl methacrylate
Concen: 2.311 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

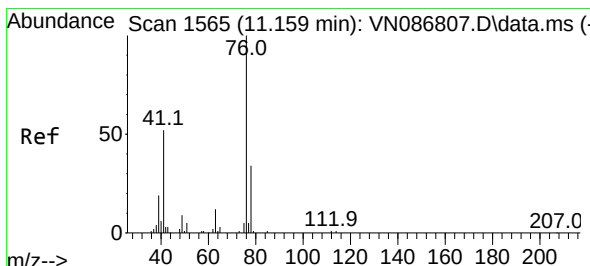
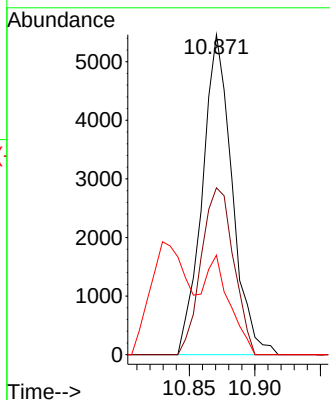
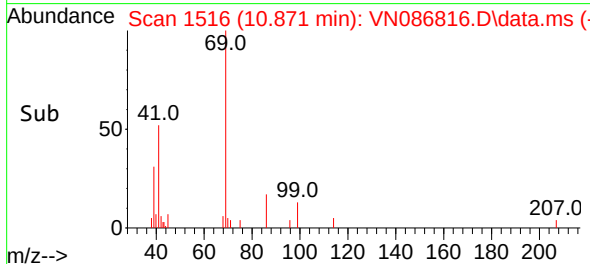
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



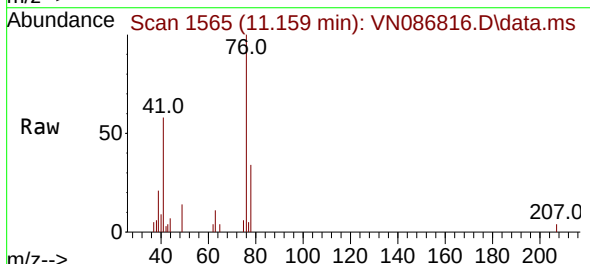
Tgt Ion: 69 Resp: 8650
Ion Ratio Lower Upper
69 100
41 52.1 30.5 91.5
39 31.1 14.3 42.9

Manual Integrations
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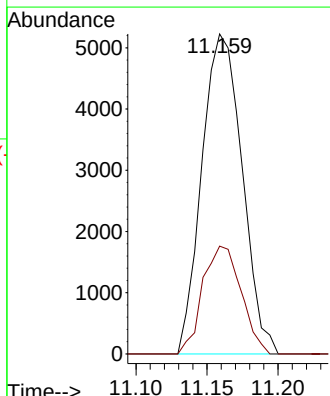
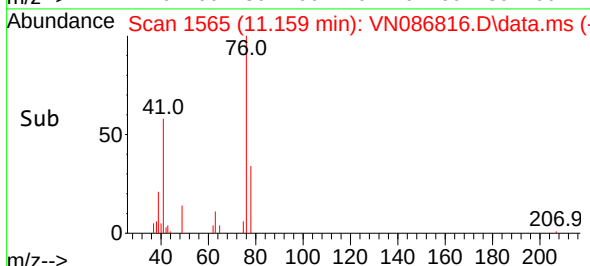
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

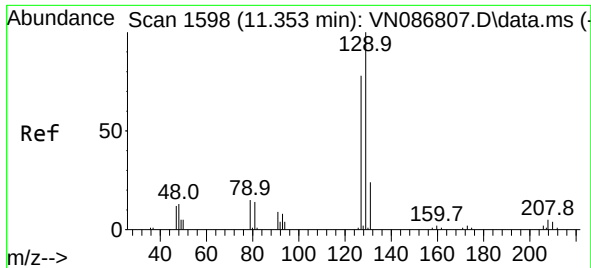


#52
1,3-Dichloropropane
Concen: 2.512 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



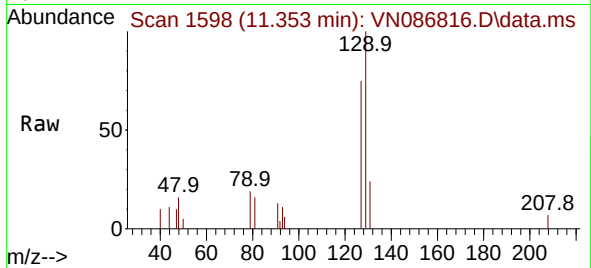
Tgt Ion: 76 Resp: 10304
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.6





#53
Dibromochloromethane
Concen: 2.455 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

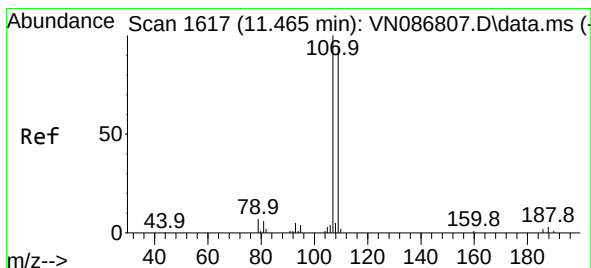
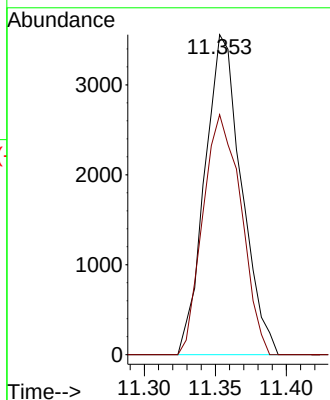
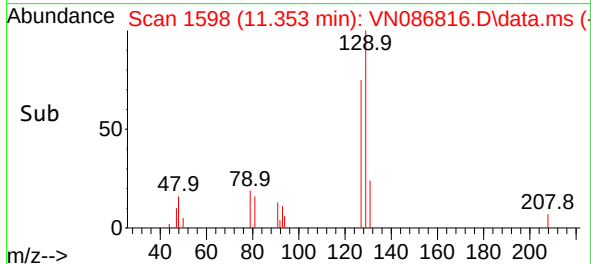
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



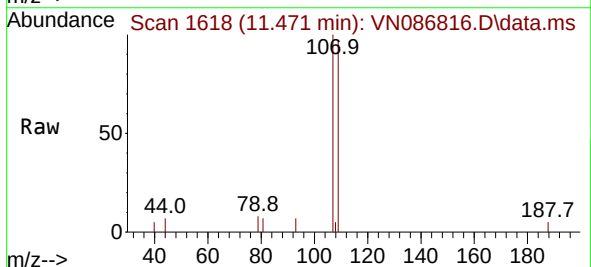
Tgt Ion:129 Resp: 641
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3

Manual Integrations
APPROVED

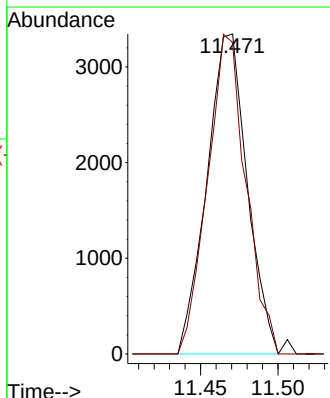
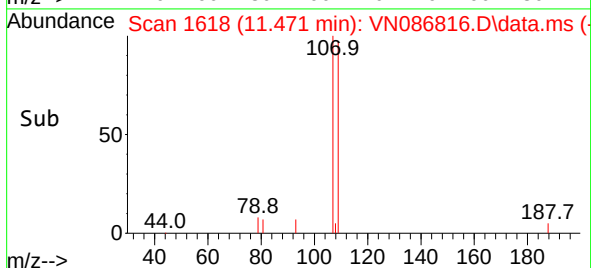
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

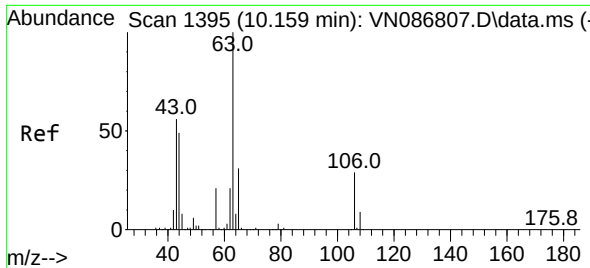


#54
1,2-Dibromoethane
Concen: 2.562 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



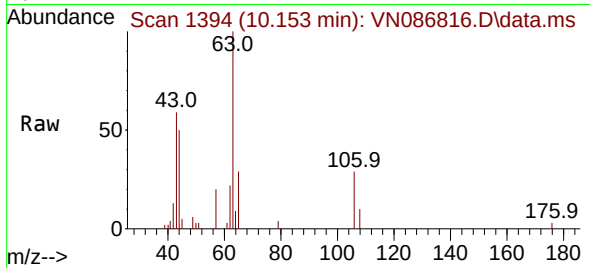
Tgt Ion:107 Resp: 6051
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 10.084 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

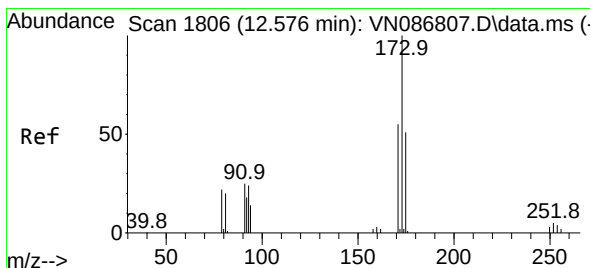
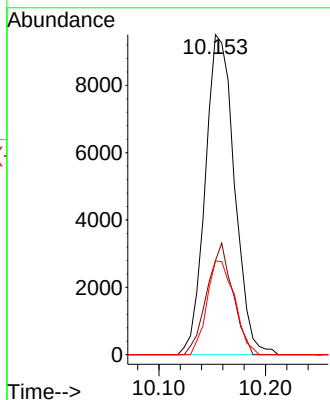
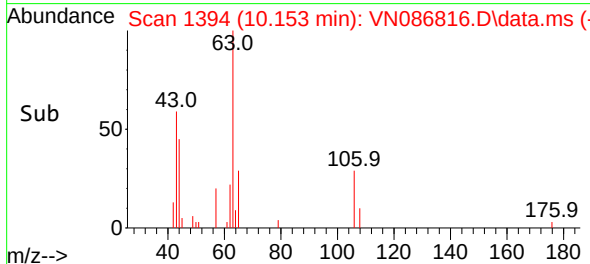
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 63 Resp: 18110
Ion Ratio Lower Upper
63 100
65 30.8 25.7 38.5
106 27.8 22.7 34.1

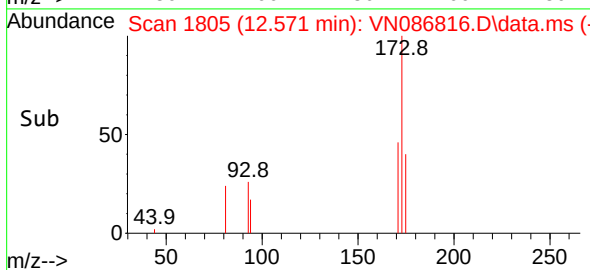
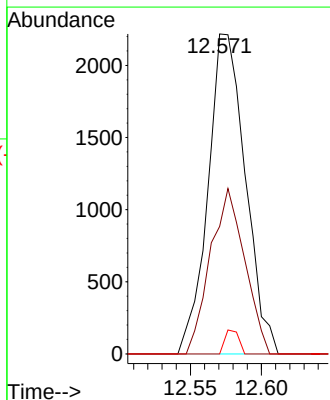
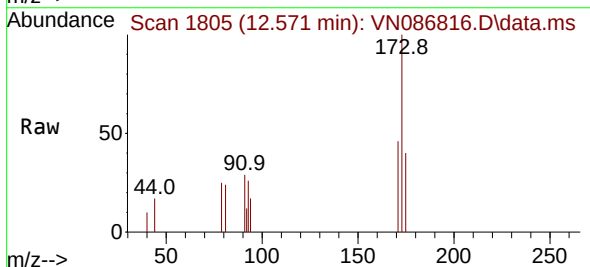
Manual Integrations
APPROVED

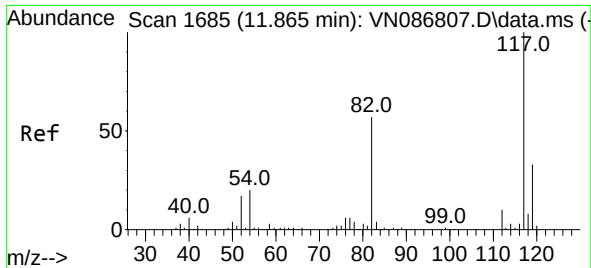
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
Bromoform
Concen: 2.467 ug/l
RT: 12.571 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

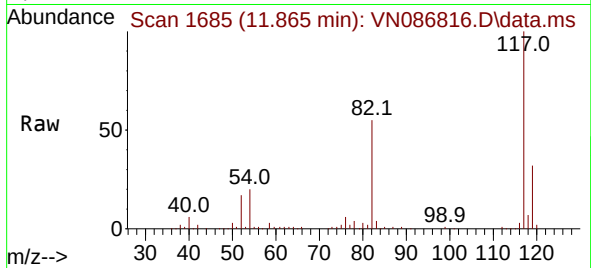
Tgt Ion:173 Resp: 4059
Ion Ratio Lower Upper
173 100
175 47.5 39.7 59.5
254 2.8 3.5 5.3#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

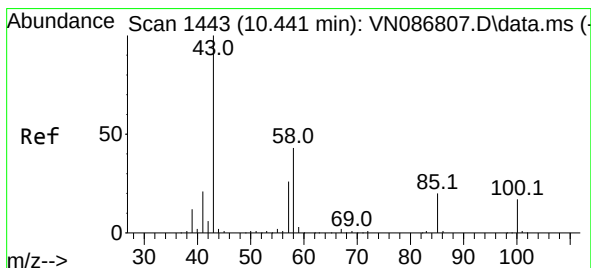
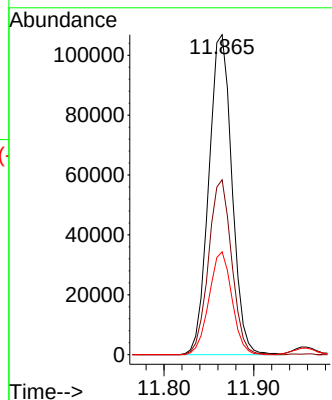
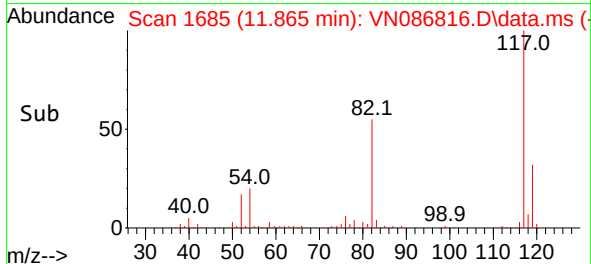
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



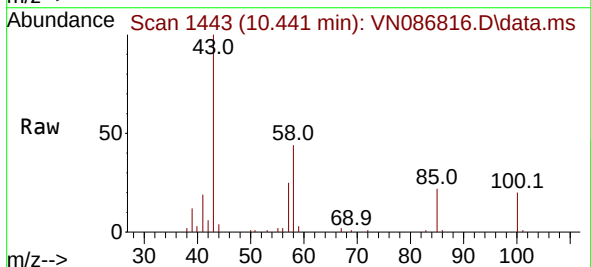
Tgt Ion:117 Resp: 191782
Ion Ratio Lower Upper
117 100
82 54.5 44.7 67.1
119 31.8 25.6 38.4

Manual Integrations
APPROVED

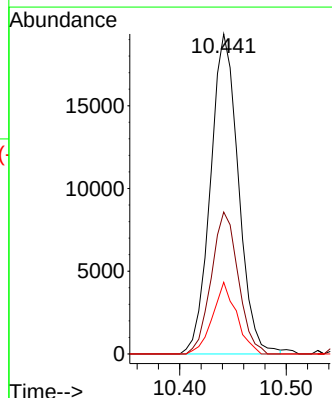
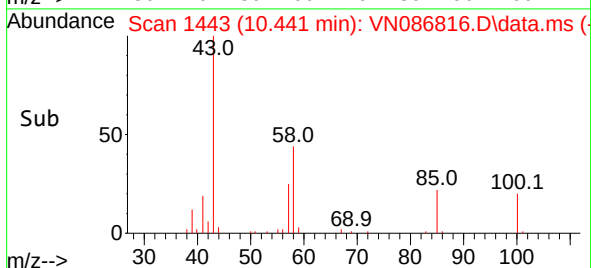
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

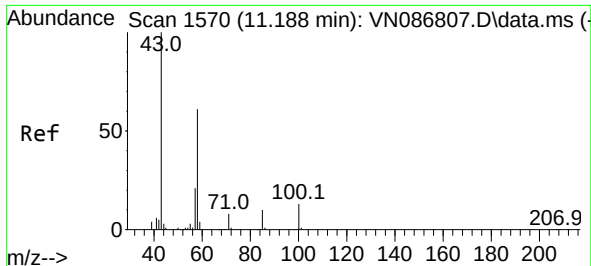


#58
4-Methyl-2-Pentanone
Concen: 12.520 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



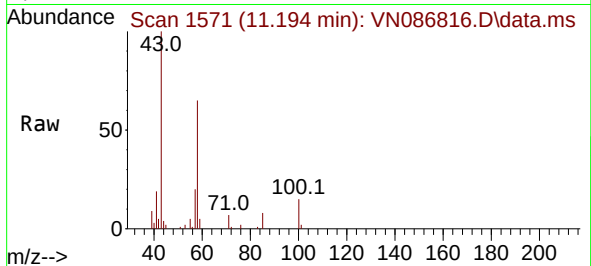
Tgt Ion: 43 Resp: 35232
Ion Ratio Lower Upper
43 100
58 42.7 34.5 51.7
85 19.3 15.8 23.8





#59
2-Hexanone
Concen: 12.369 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

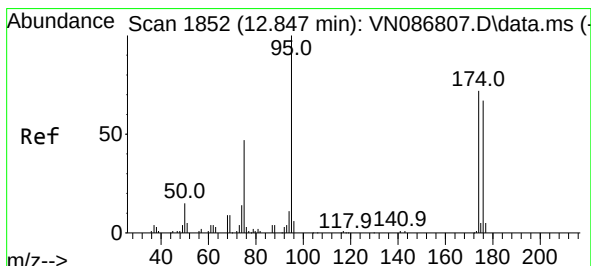
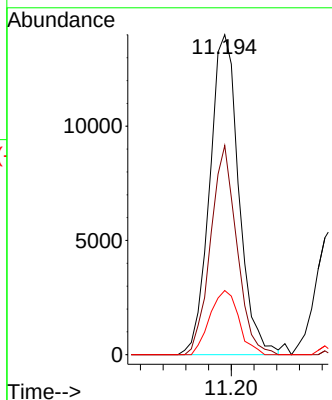
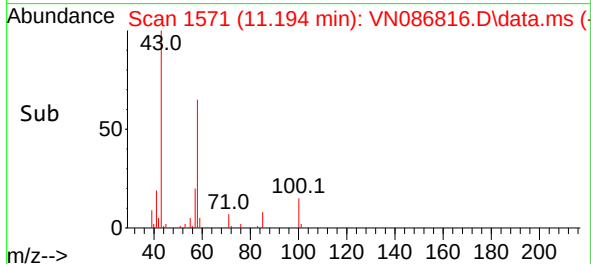
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



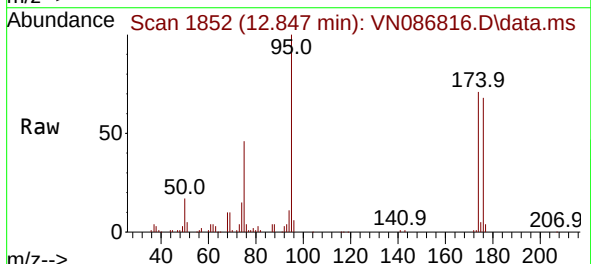
Tgt Ion: 43 Resp: 24932
Ion Ratio Lower Upper
43 100
58 59.0 49.1 73.7
57 20.0 16.6 25.0

Manual Integrations
APPROVED

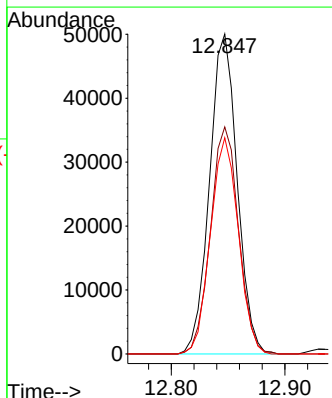
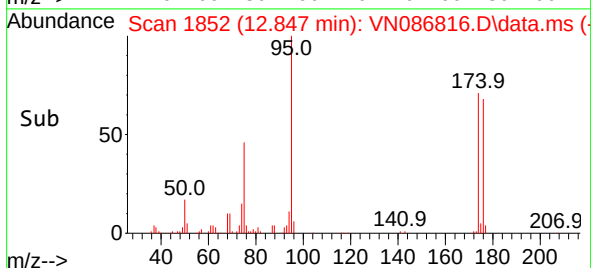
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

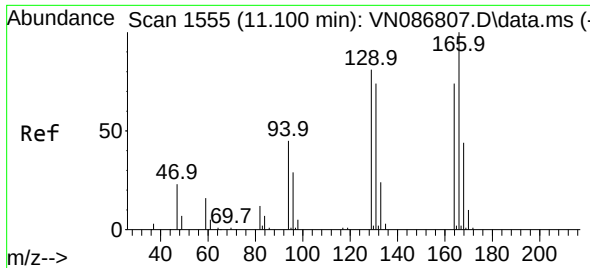


#60
4-Bromofluorobenzene
Concen: 28.157 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



Tgt Ion: 95 Resp: 84781
Ion Ratio Lower Upper
95 100
174 72.0 56.2 84.4
176 68.1 53.4 80.0





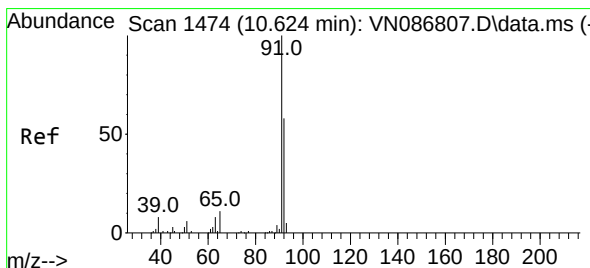
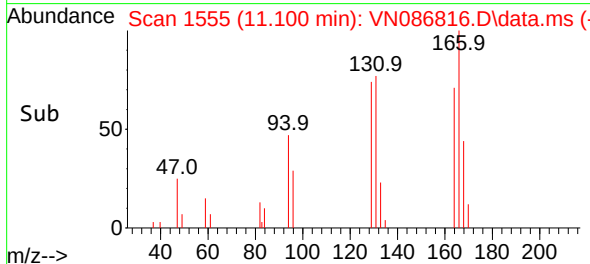
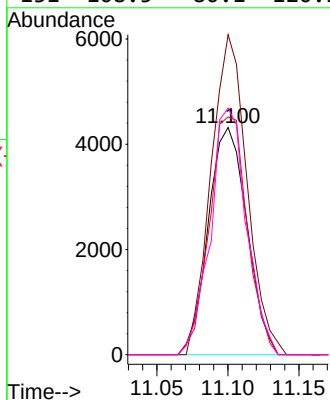
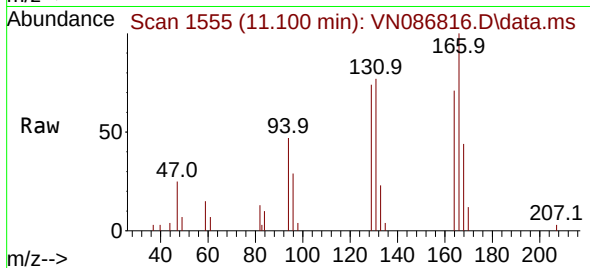
#61
Tetrachloroethene
Concen: 2.538 ug/l
RT: 11.100 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

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

Tgt Ion:164 Resp: 818
Ion Ratio Lower Upper
164 100
166 140.8 107.5 161.3
129 104.6 87.4 131.2
131 108.5 80.1 120.1

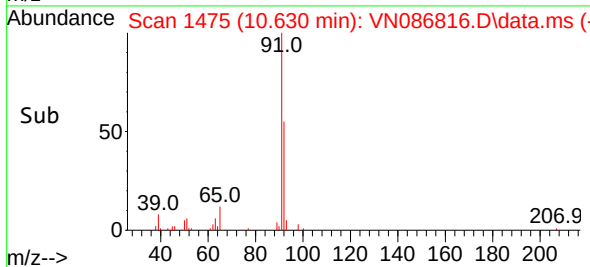
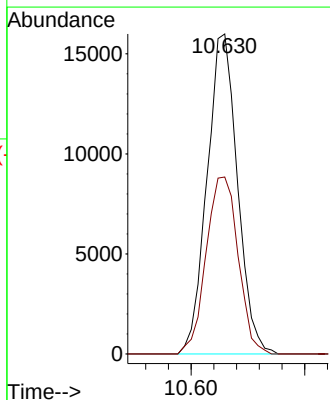
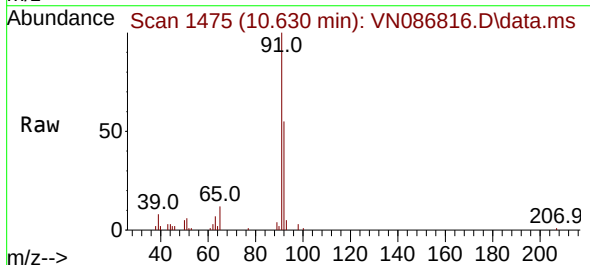
Manual Integrations
APPROVED

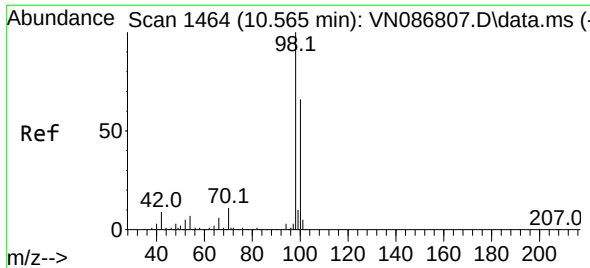
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#62
Toluene
Concen: 2.756 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

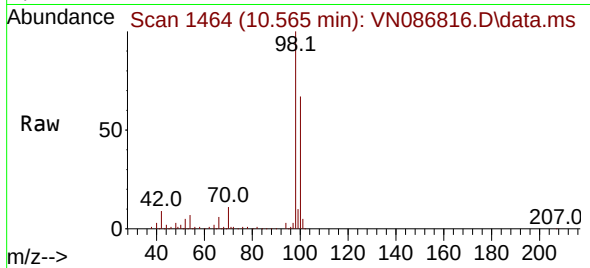
Tgt Ion: 91 Resp: 29773
Ion Ratio Lower Upper
91 100
92 58.2 46.6 70.0





#63
Toluene-d8
Concen: 30.159 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

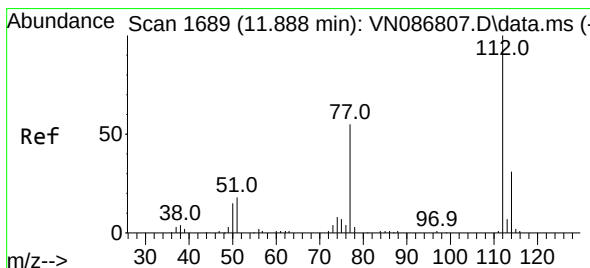
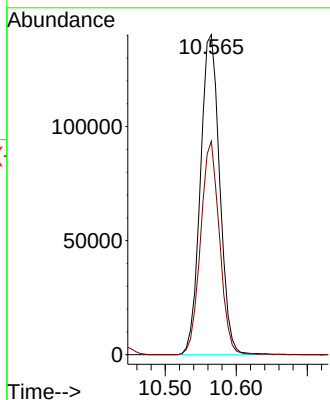
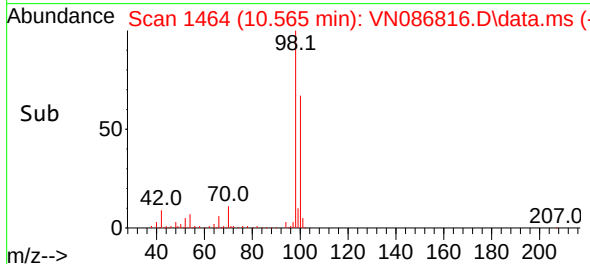
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 98 Resp: 265479
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1

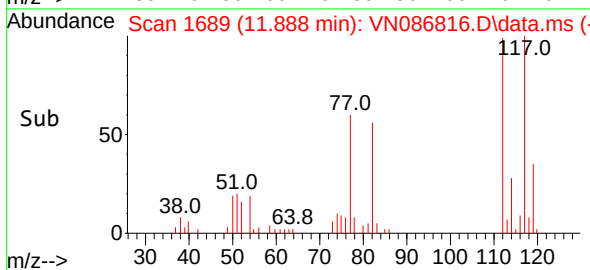
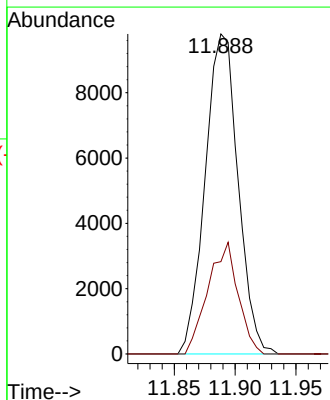
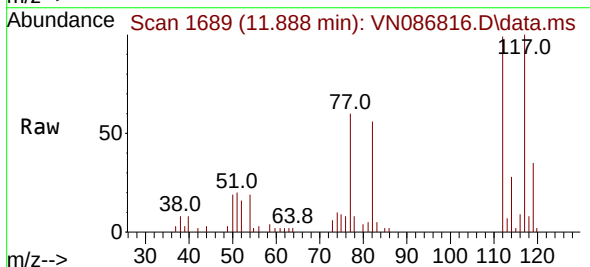
Manual Integrations
APPROVED

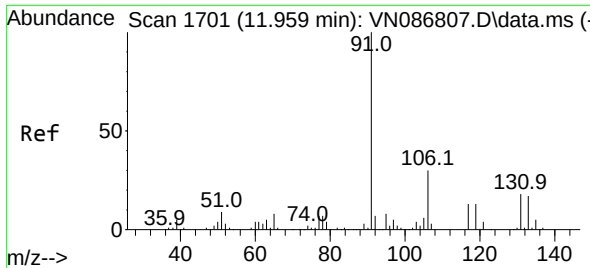
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#64
Chlorobenzene
Concen: 2.677 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

Tgt Ion:112 Resp: 18440
Ion Ratio Lower Upper
112 100
114 28.9 25.1 37.7





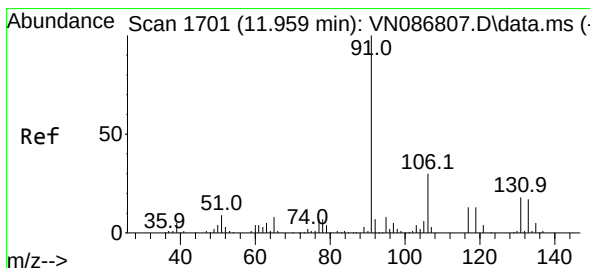
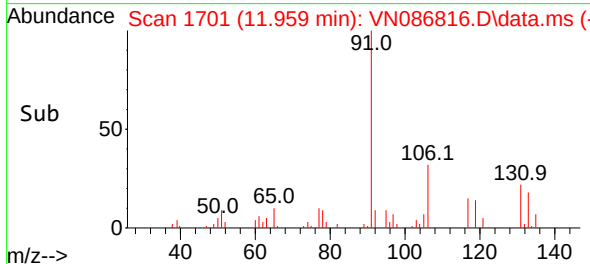
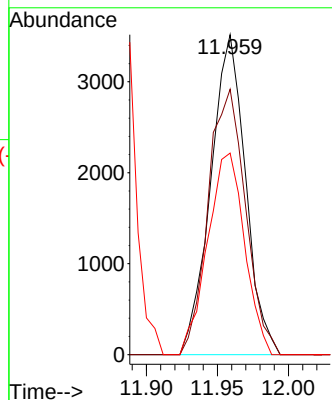
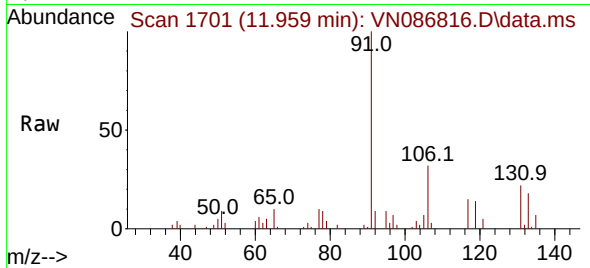
#65
1,1,1,2-Tetrachloroethane
Concen: 2.649 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

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

Tgt Ion:131 Resp: 5994
Ion Ratio Lower Upper
131 100
133 89.0 0.0 191.0
119 66.9 0.0 140.8

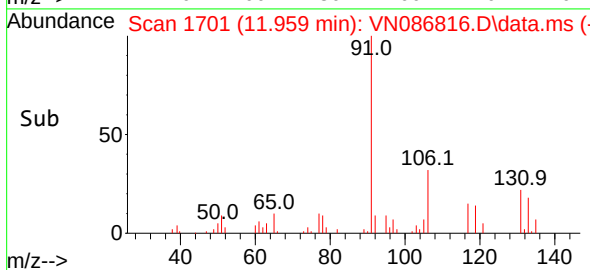
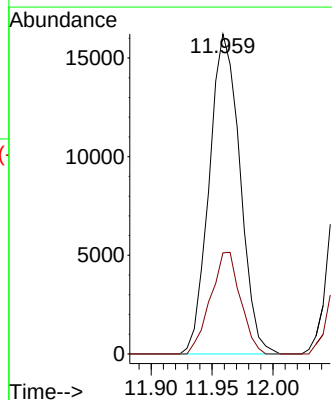
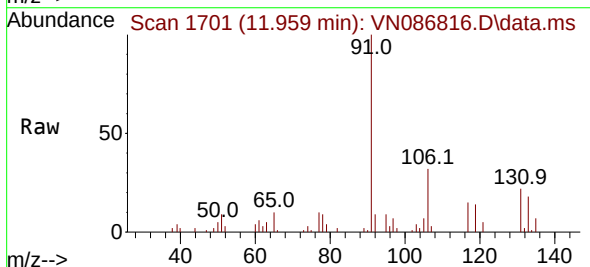
Manual Integrations
APPROVED

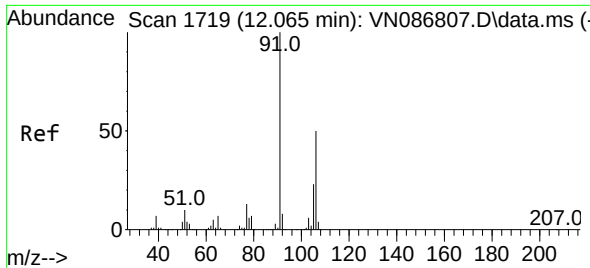
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#66
Ethyl Benzene
Concen: 2.437 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

Tgt Ion: 91 Resp: 28474
Ion Ratio Lower Upper
91 100
106 31.6 23.6 35.4





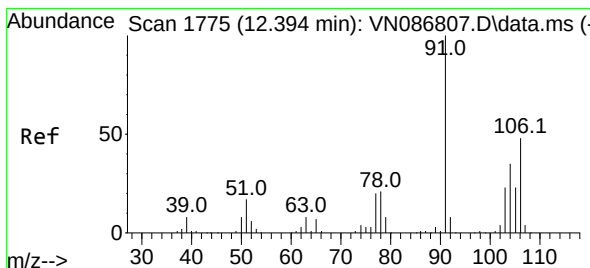
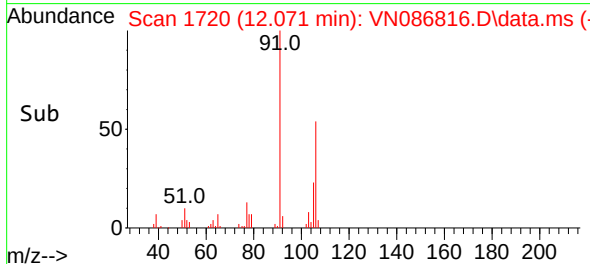
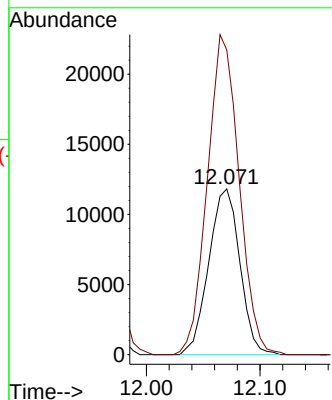
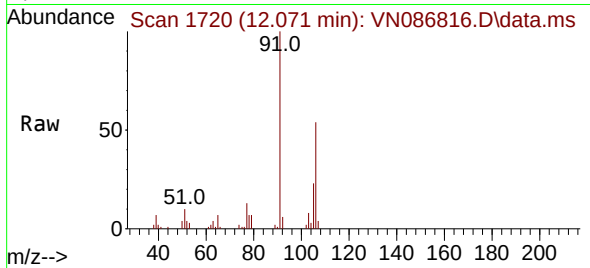
#67
m/p-Xylenes
Concen: 4.913 ug/l
RT: 12.071 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

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

Tgt Ion:106 Resp: 2252
Ion Ratio Lower Upper
106 100
91 196.5 160.7 241.1

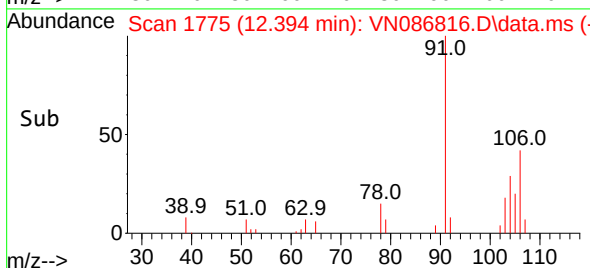
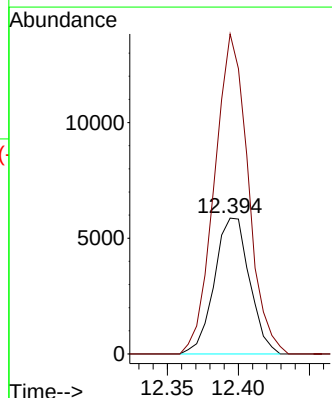
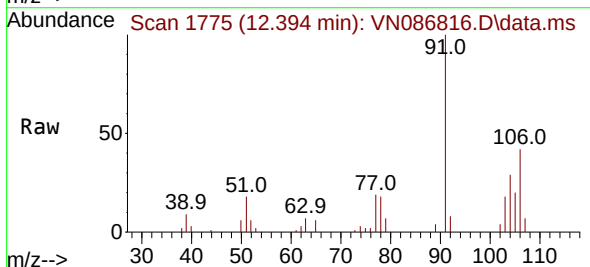
Manual Integrations
APPROVED

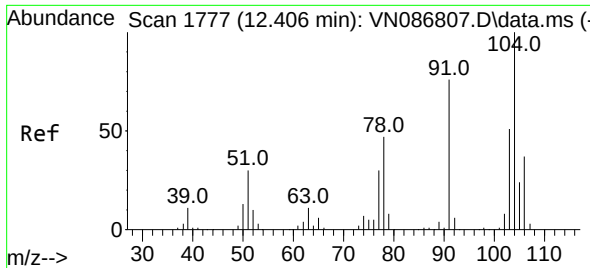
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#68
o-Xylene
Concen: 2.274 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

Tgt Ion:106 Resp: 10104
Ion Ratio Lower Upper
106 100
91 225.3 106.3 318.9





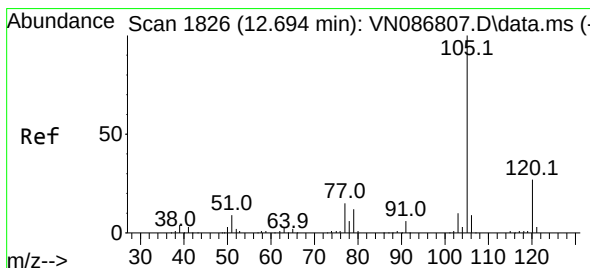
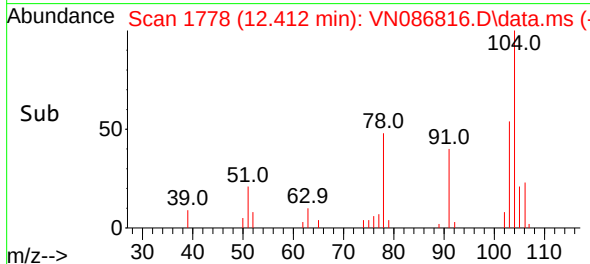
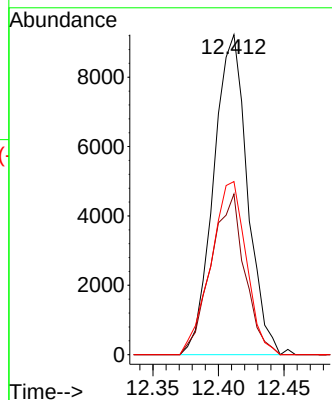
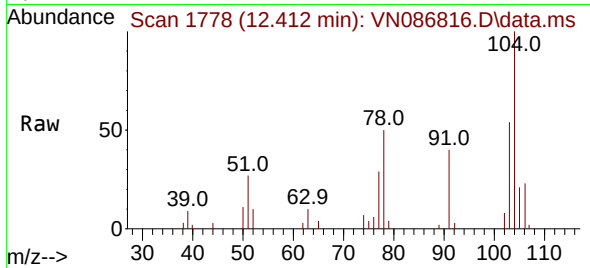
#69
Styrene
Concen: 2.235 ug/l
RT: 12.412 min Scan# 1777
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

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

Tgt Ion:104 Resp: 1654
Ion Ratio Lower Upper
104 100
78 50.4 38.6 57.8
103 56.7 43.2 64.8

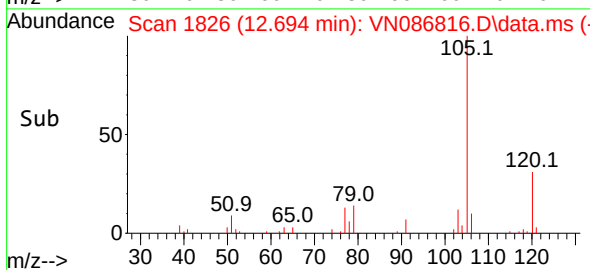
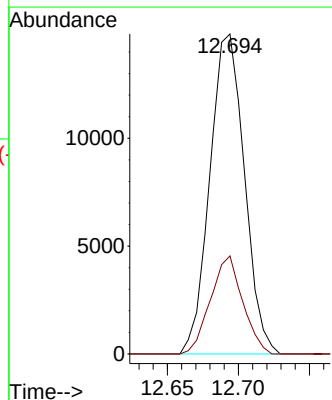
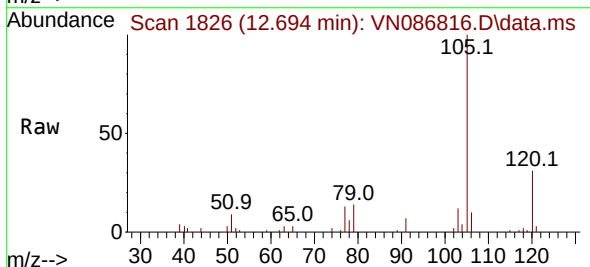
Manual Integrations
APPROVED

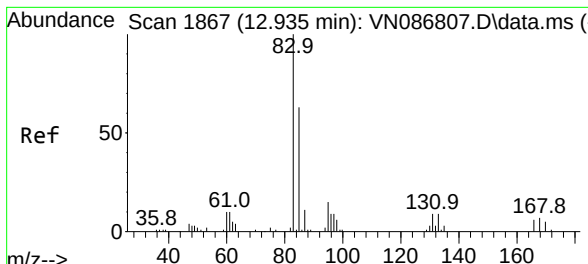
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#70
Isopropylbenzene
Concen: 2.376 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

Tgt Ion:105 Resp: 25105
Ion Ratio Lower Upper
105 100
120 28.5 19.0 35.2





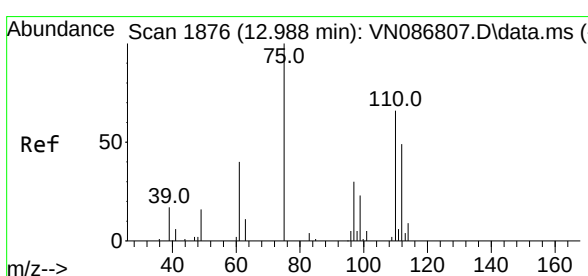
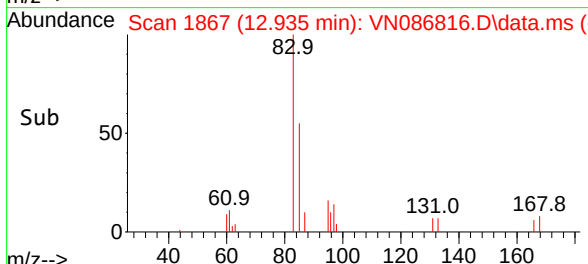
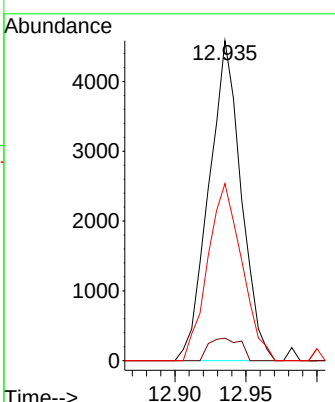
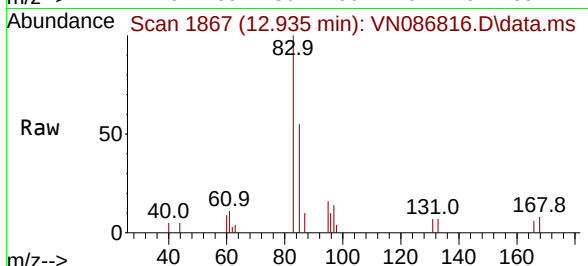
#71
 1,1,2,2-Tetrachloroethane
 Concen: 2.877 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

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

Tgt Ion: 83 Resp: 7228

Ion	Ratio	Lower	Upper
83	100		
131	6.9	5.0	15.0
85	58.8	32.6	97.7

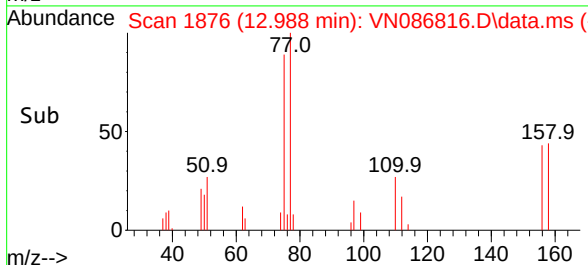
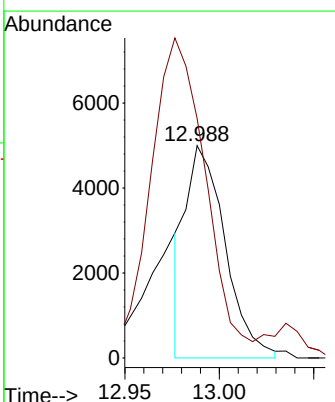
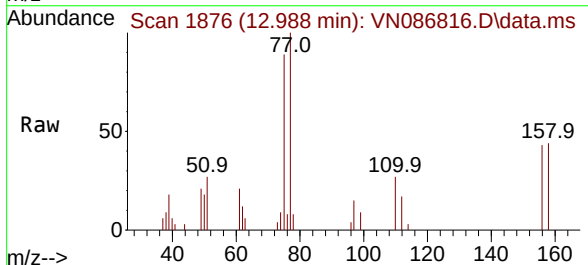
Manual Integrations
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 Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

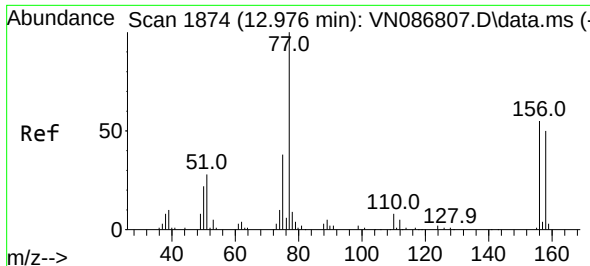


#72
 1,2,3-Trichloropropane
 Concen: 2.452 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

Tgt Ion: 75 Resp: 7220

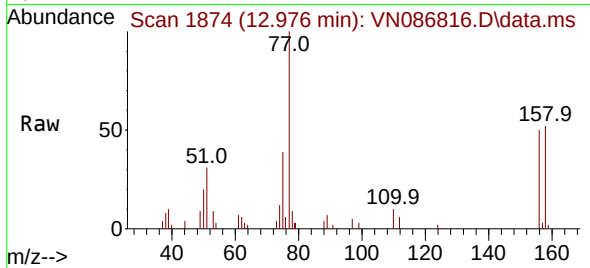
Ion	Ratio	Lower	Upper
75	100		
77	211.1	0.0	390.6





#73
Bromobenzene
Concen: 2.466 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

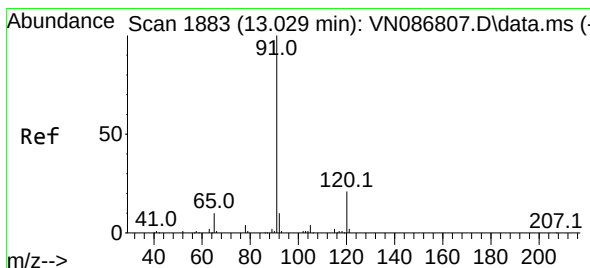
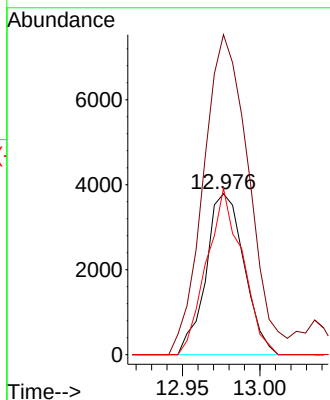
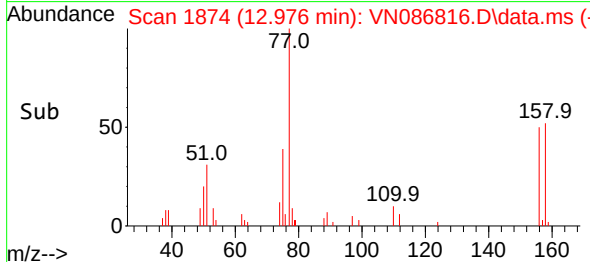
Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



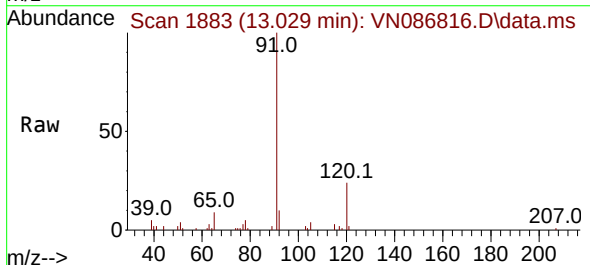
Tgt Ion:156 Resp: 6470
Ion Ratio Lower Upper
156 100
77 235.4 0.0 442.0
158 96.6 0.0 191.8

Manual Integrations
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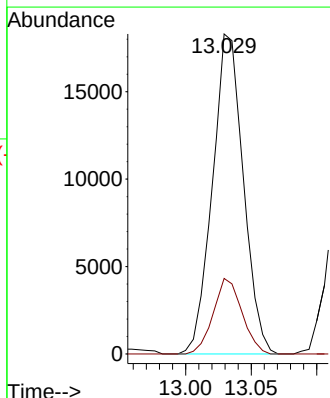
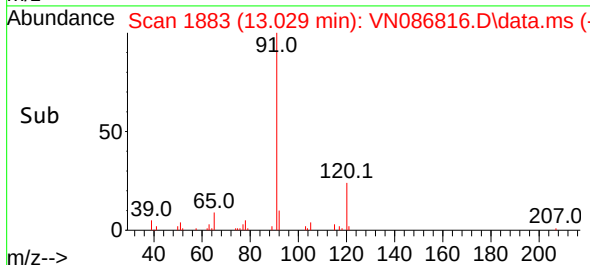
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

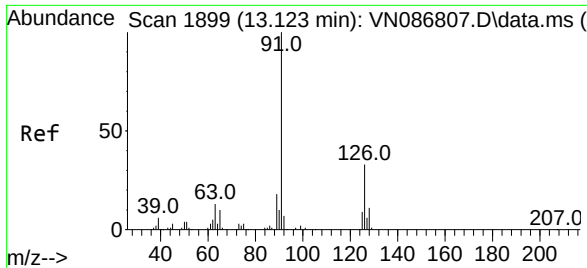


#74
n-propylbenzene
Concen: 2.394 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



Tgt Ion: 91 Resp: 29966
Ion Ratio Lower Upper
91 100
120 22.0 0.0 45.6





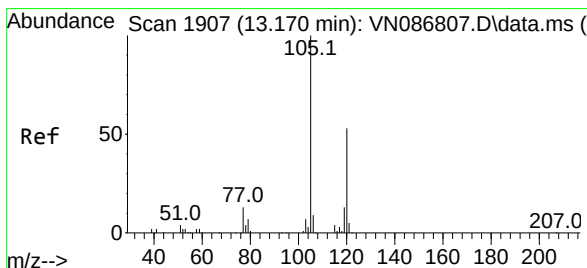
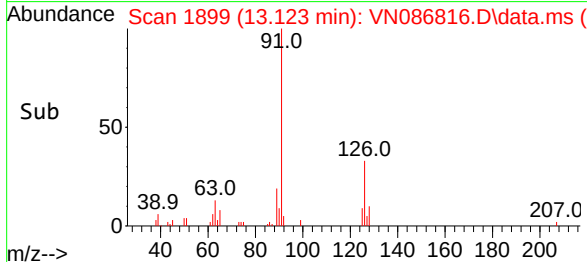
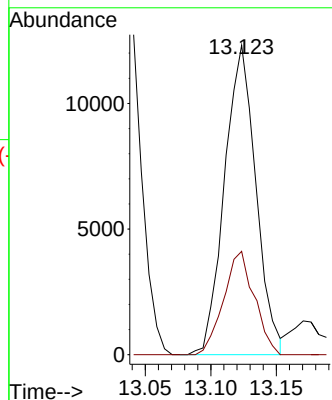
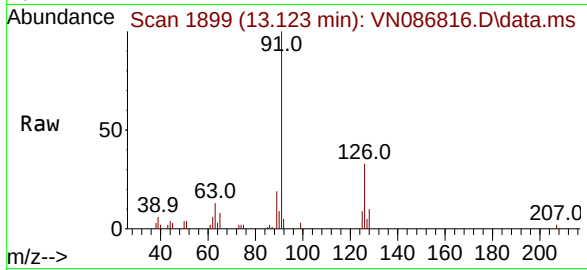
#75
2-Chlorotoluene
Concen: 2.552 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

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

Tgt Ion: 91 Resp: 2050
Ion Ratio Lower Upper
91 100
126 32.6 0.0 64.4

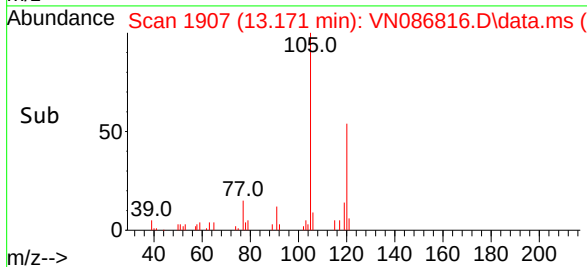
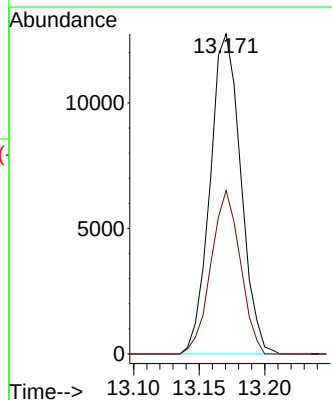
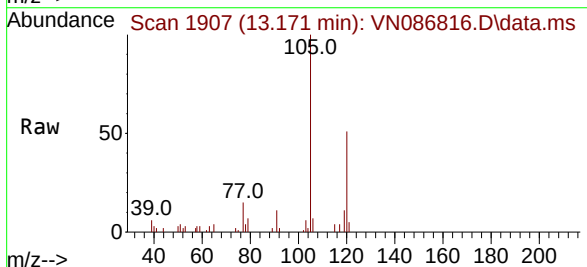
Manual Integrations
APPROVED

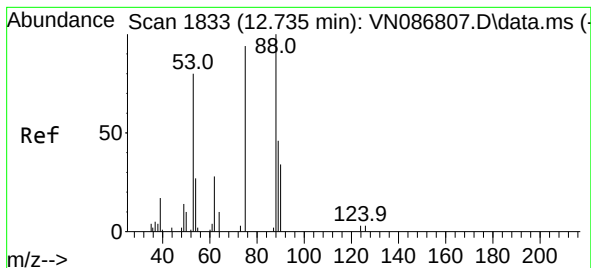
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#76
1,3,5-Trimethylbenzene
Concen: 2.361 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

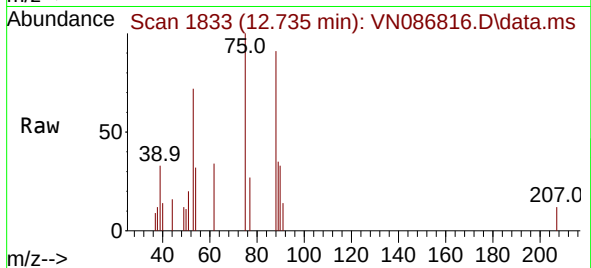
Tgt Ion:105 Resp: 20754
Ion Ratio Lower Upper
105 100
120 48.7 0.0 101.4





#77
t-1,4-Dichloro-2-butene
Concen: 2.132 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

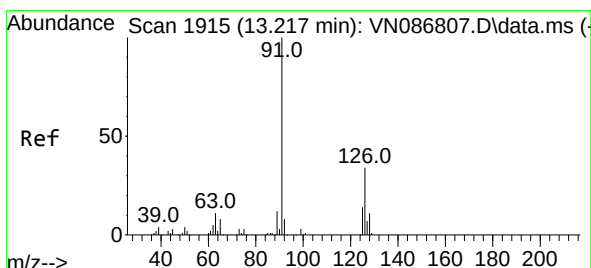
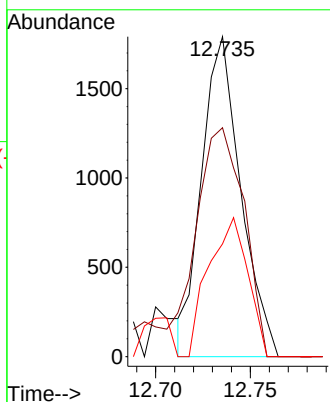
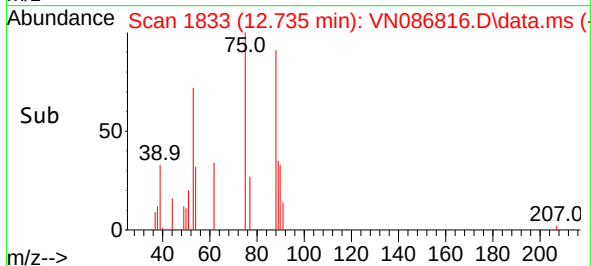
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion: 75 Resp: 2569
Ion Ratio Lower Upper
75 100
53 71.5 43.0 128.8
89 35.2 25.4 76.2

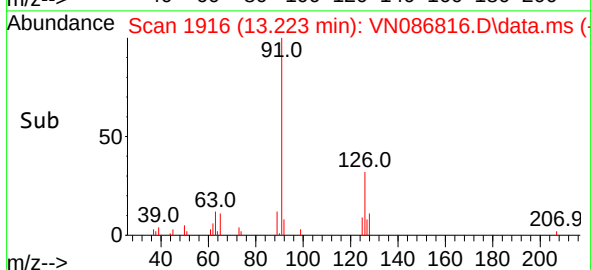
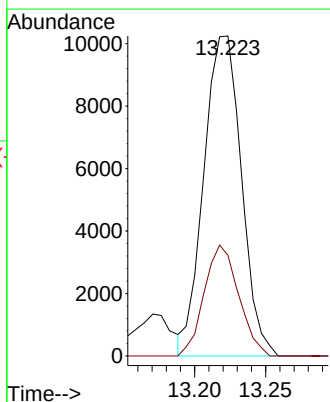
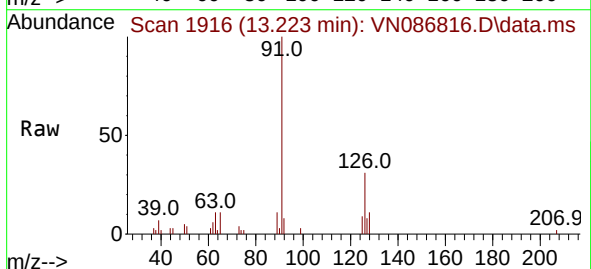
Manual Integrations
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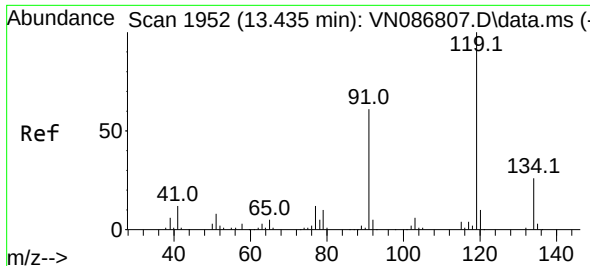
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#78
4-Chlorotoluene
Concen: 2.374 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

Tgt Ion: 91 Resp: 18894
Ion Ratio Lower Upper
91 100
126 31.7 0.0 66.6





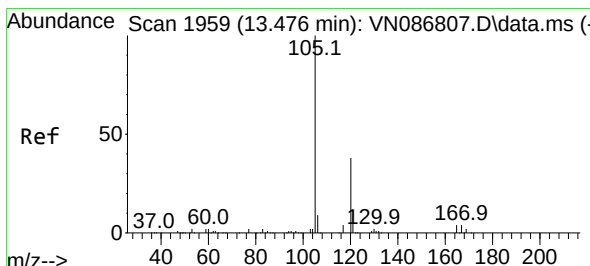
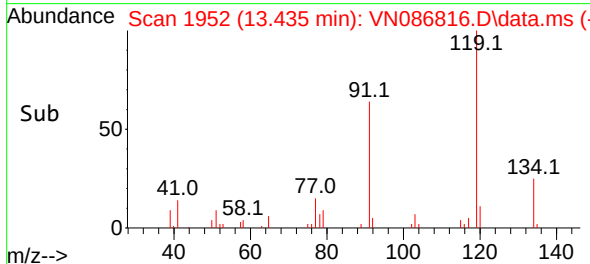
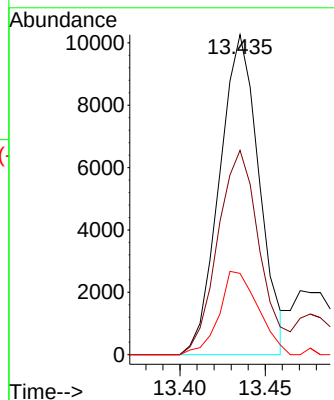
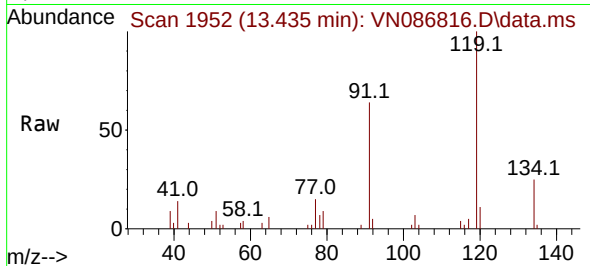
#79
tert-butylbenzene
Concen: 2.189 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

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

Tgt Ion:119 Resp: 16640
Ion Ratio Lower Upper
119 100
91 67.7 0.0 130.4
134 25.6 0.0 50.6

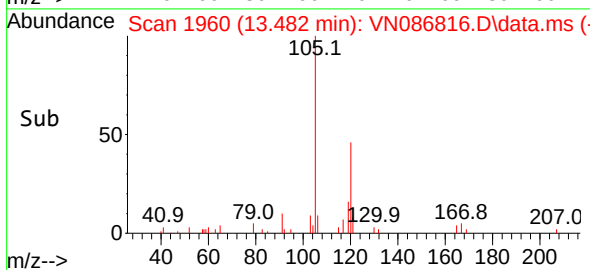
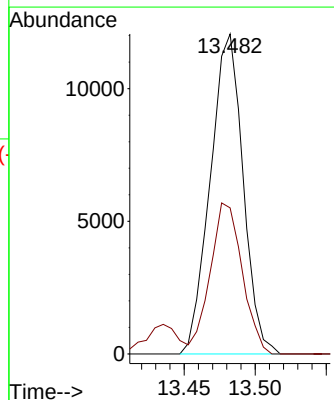
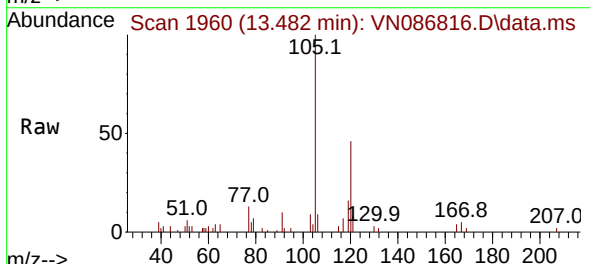
Manual Integrations
APPROVED

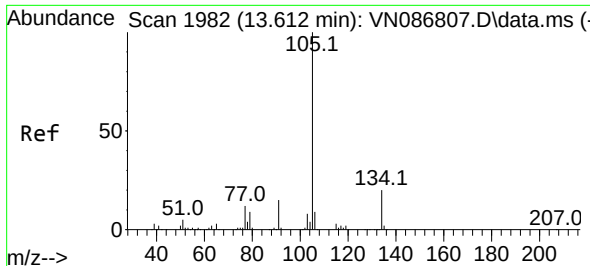
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#80
1,2,4-Trimethylbenzene
Concen: 2.193 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

Tgt Ion:105 Resp: 19350
Ion Ratio Lower Upper
105 100
120 46.0 0.0 92.2





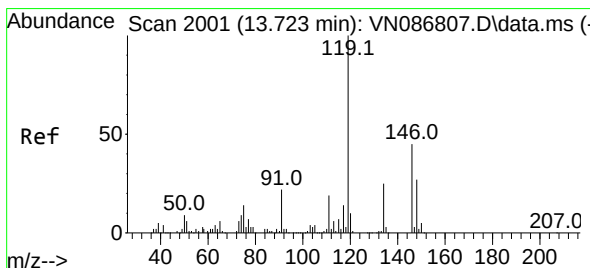
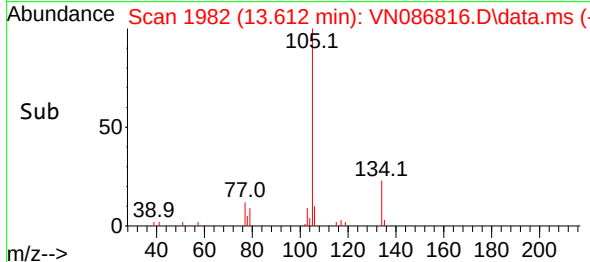
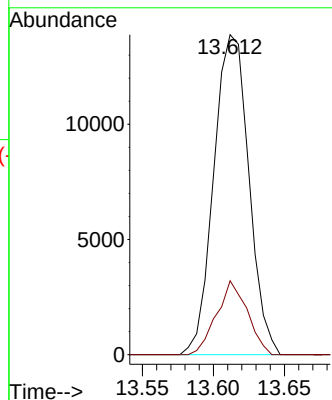
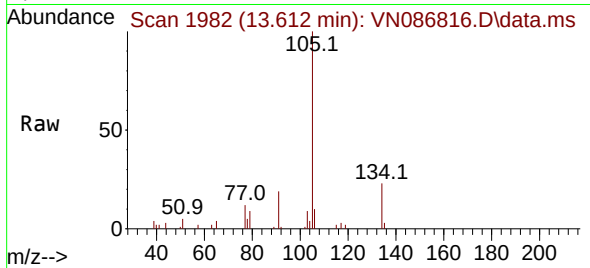
#81
 sec-Butylbenzene
 Concen: 2.304 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

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

Tgt Ion:105 Resp: 2385
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.0

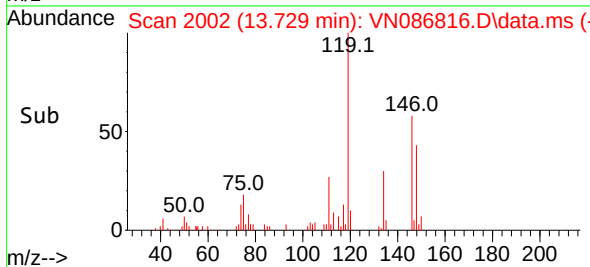
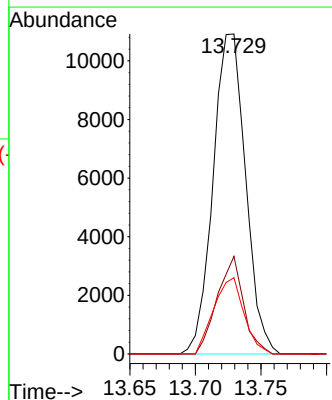
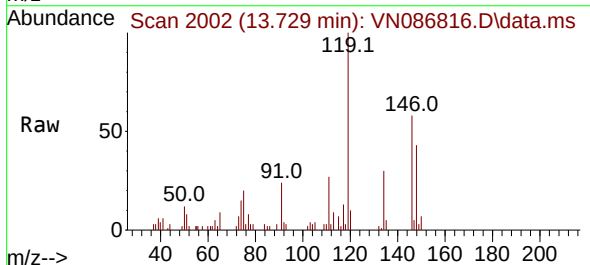
Manual Integrations
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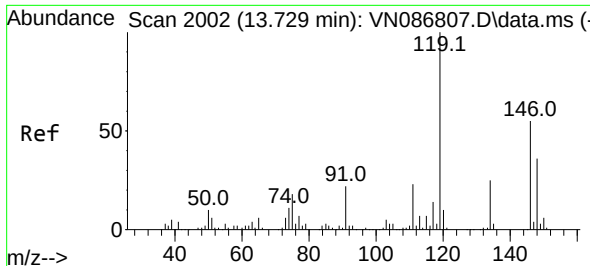
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#82
 p-Isopropyltoluene
 Concen: 2.165 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

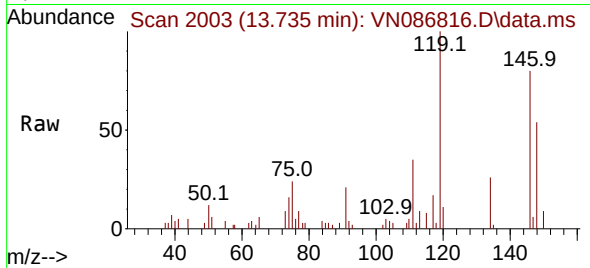
Tgt Ion:119 Resp: 18826
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 51.8
 91 22.1 0.0 45.2





#83
1,3-Dichlorobenzene
Concen: 2.359 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

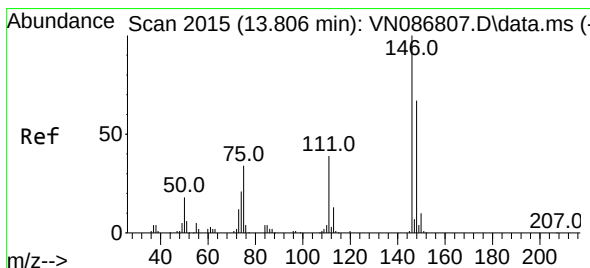
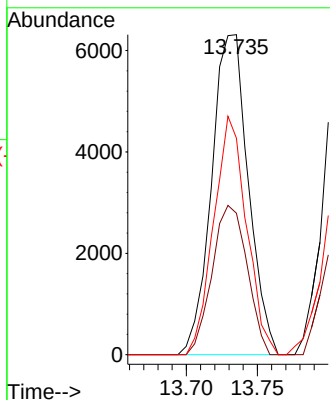
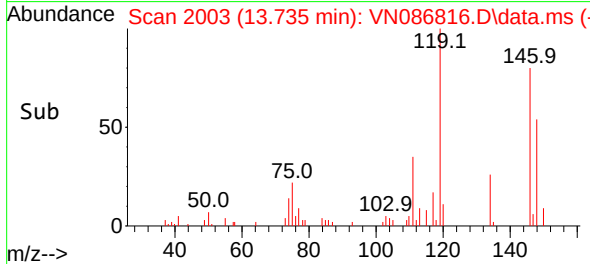
Instrument : MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT2-2025



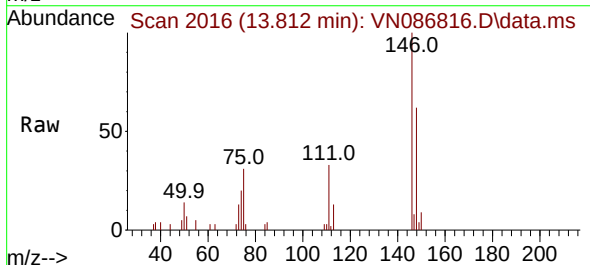
Tgt Ion:146 Resp: 1136
Ion Ratio Lower Upper
146 100
111 44.5 21.1 63.1
148 66.7 32.1 96.5

Manual Integrations
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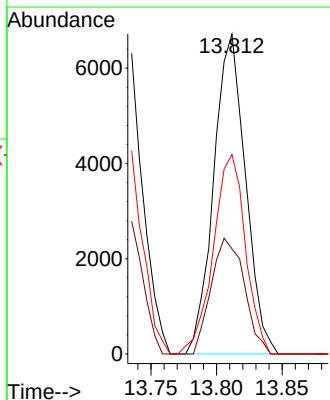
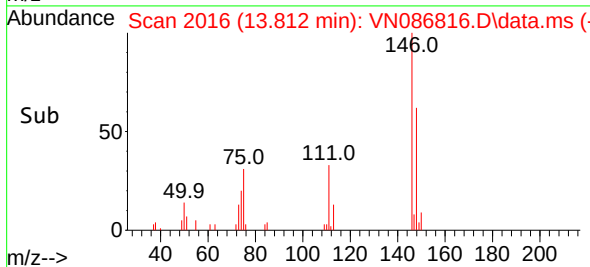
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

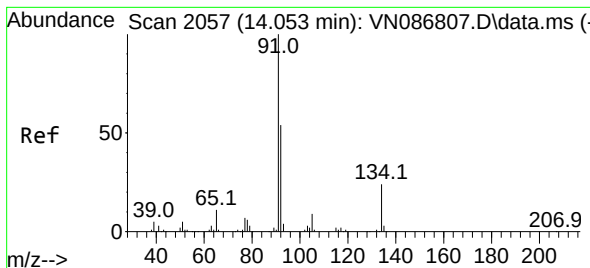


#84
1,4-Dichlorobenzene
Concen: 2.359 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29



Tgt Ion:146 Resp: 11312
Ion Ratio Lower Upper
146 100
111 37.9 19.8 59.4
148 63.1 31.9 95.5





#85

n-Butylbenzene

Concen: 2.113 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086816.D

Acq: 29 May 2025 15:29

Instrument :

MSVOA_N

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

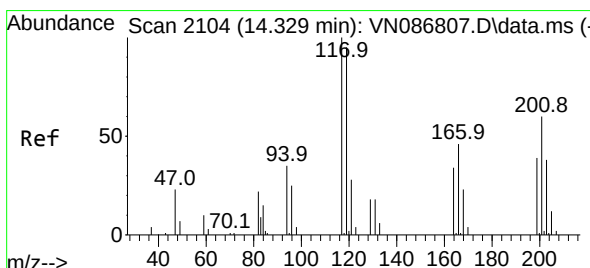
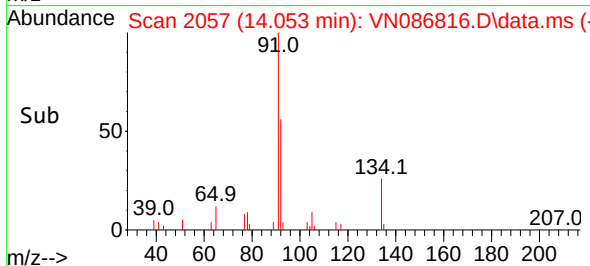
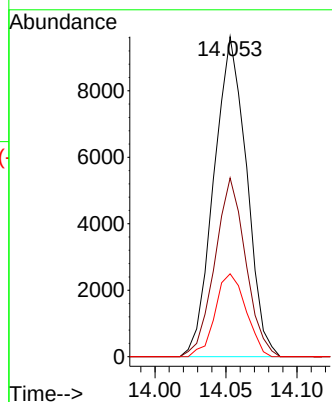
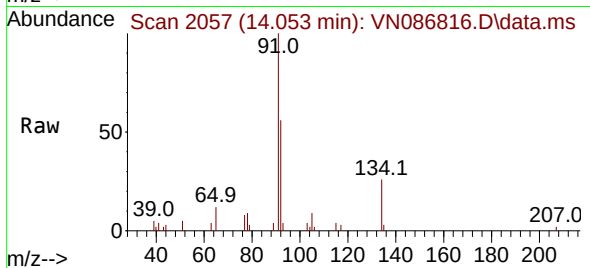
Tgt Ion:	91	Resp:	15379
Ion Ratio	Lower	Upper	
91	100		
92	52.9	0.0	107.6
134	24.5	0.0	50.0

Manual Integrations

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Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#86

Hexachloroethane

Concen: 2.389 ug/l

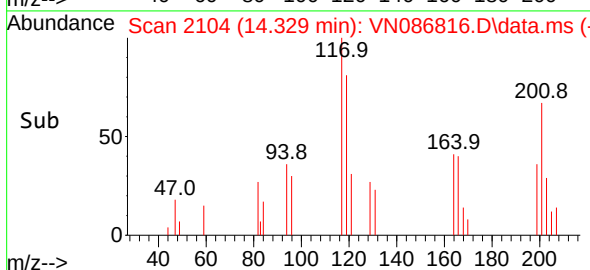
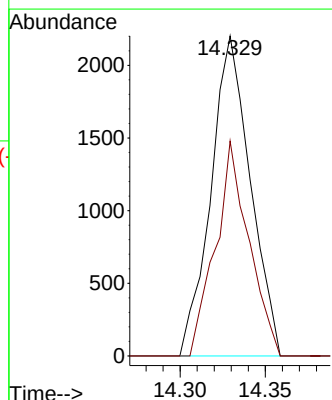
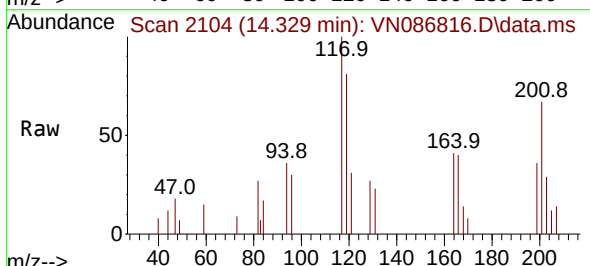
RT: 14.329 min Scan# 2104

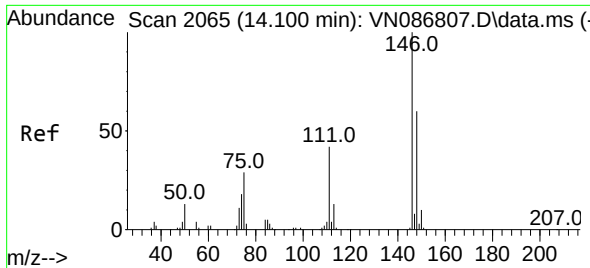
Delta R.T. 0.000 min

Lab File: VN086816.D

Acq: 29 May 2025 15:29

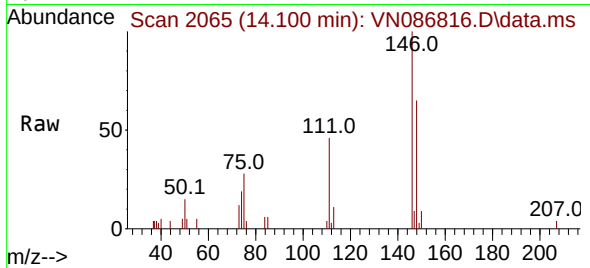
Tgt Ion:	117	Resp:	3540
Ion Ratio	Lower	Upper	
117	100		
201	57.1	31.4	94.3





#87
 1,2-Dichlorobenzene
 Concen: 2.355 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

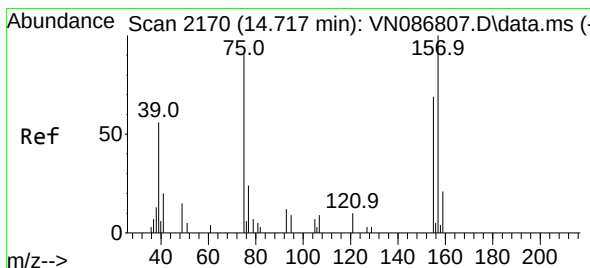
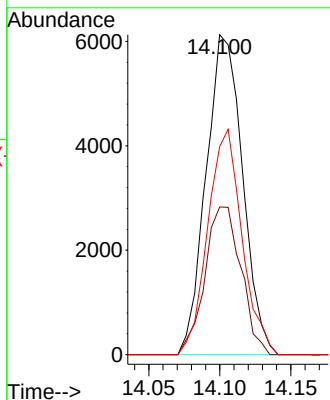
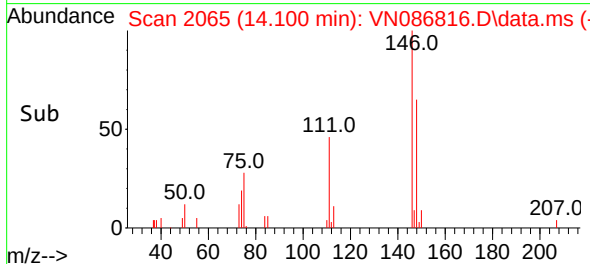
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



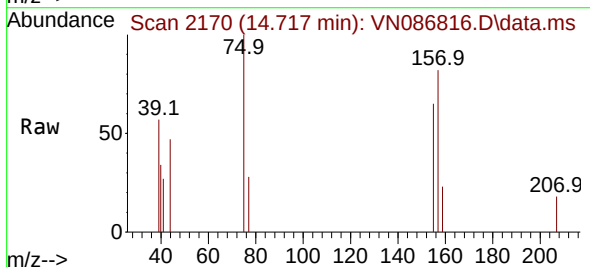
Tgt Ion:146 Resp: 10948
 Ion Ratio Lower Upper
 146 100
 111 45.7 21.6 64.8
 148 66.2 31.6 94.7

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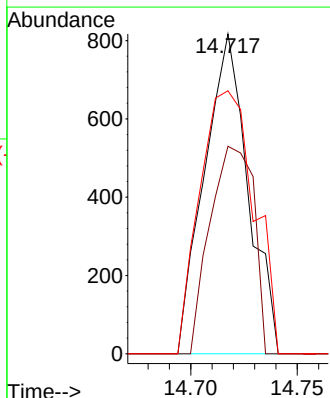
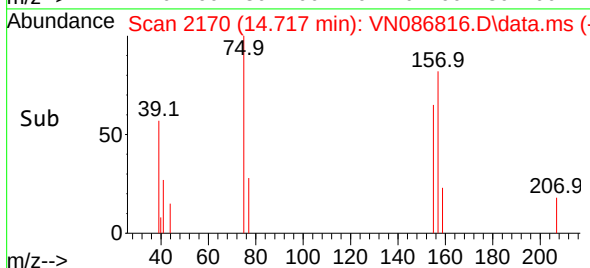
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

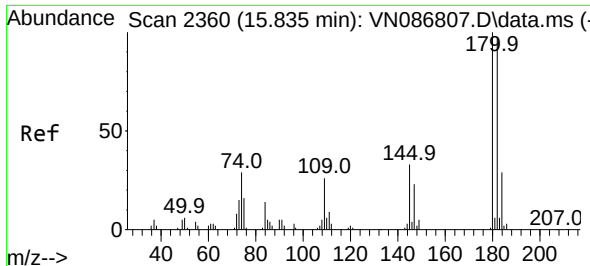


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 2.198 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29



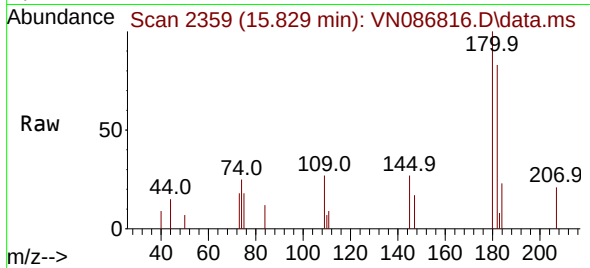
Tgt Ion: 75 Resp: 1163
 Ion Ratio Lower Upper
 75 100
 155 65.2 62.9 94.3
 157 102.4 84.0 126.0





#89
 1,2,4-Trichlorobenzene
 Concen: 2.259 ug/l
 RT: 15.829 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

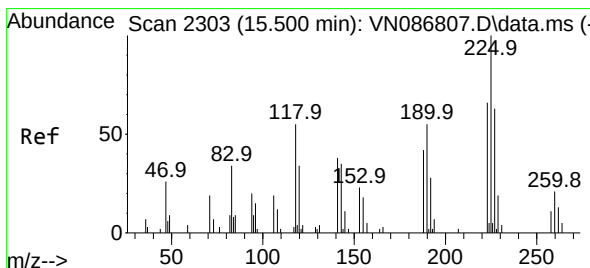
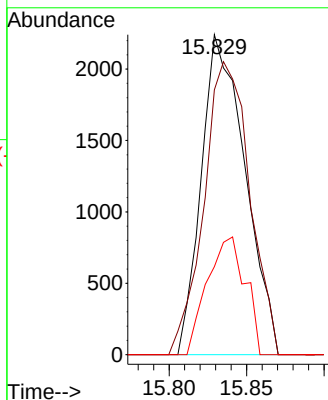
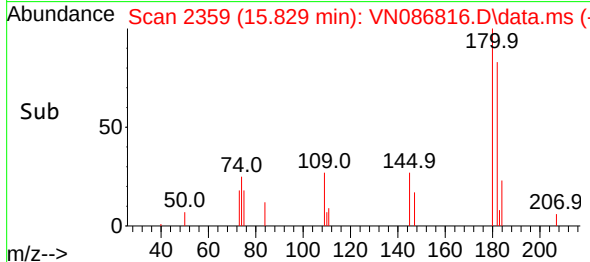
Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025



Tgt Ion:180 Resp: 4394
 Ion Ratio Lower Upper
 180 100
 182 95.8 78.2 117.2
 145 31.9 28.0 42.0

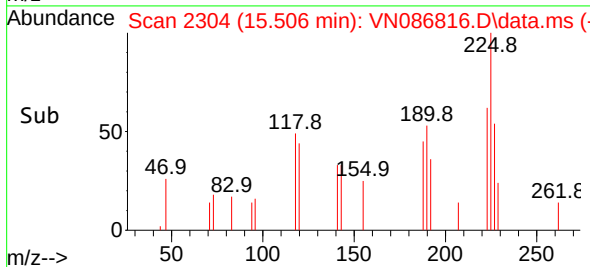
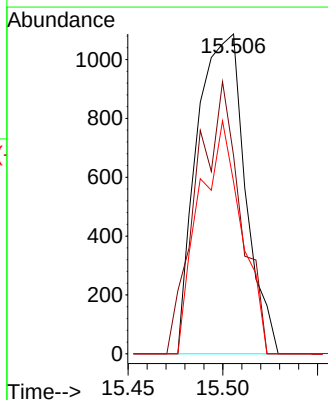
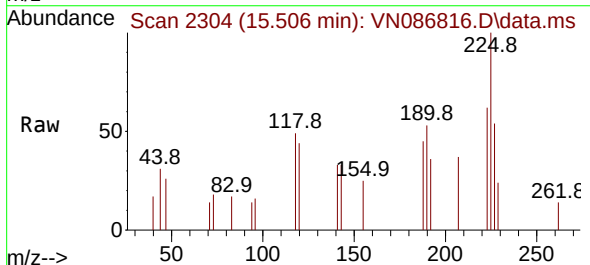
Manual Integrations
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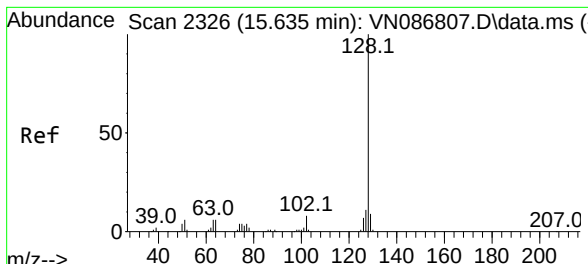
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#90
 Hexachlorobutadiene
 Concen: 2.311 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN086816.D
 Acq: 29 May 2025 15:29

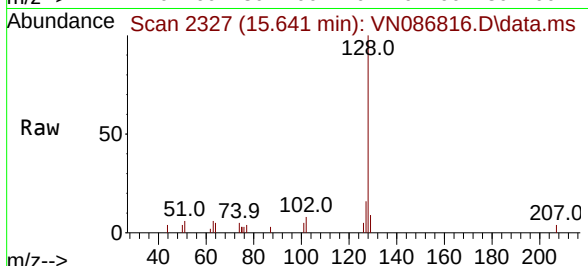
Tgt Ion:225 Resp: 1927
 Ion Ratio Lower Upper
 225 100
 223 77.0 0.0 135.8
 227 63.9 0.0 125.0





#91
Naphthalene
Concen: 2.228 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

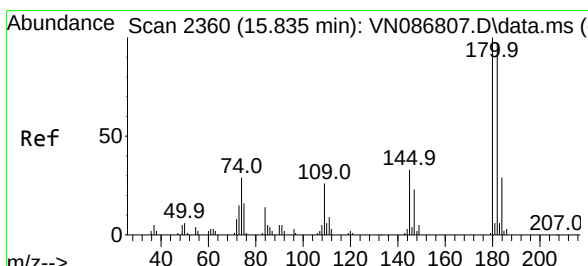
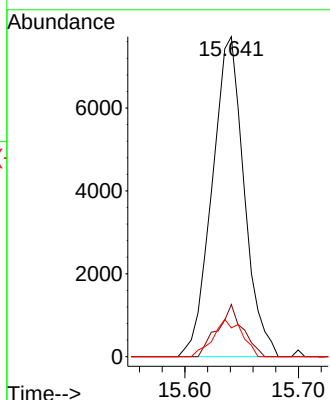
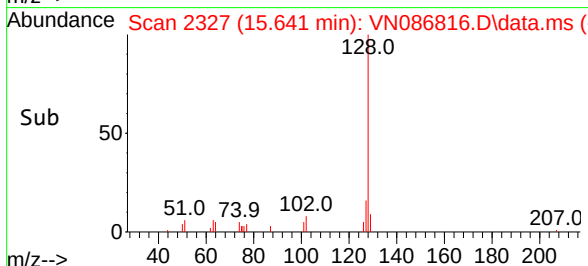
Instrument : MSVOA_N
ClientSampleId : LOD-MDL-WATER-01-QT2-2025



Tgt Ion:128 Resp: 1512
Ion Ratio Lower Upper
128 100
127 12.9 9.8 14.6
129 10.5 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#92
1,2,3-Trichlorobenzene
Concen: 2.259 ug/l
RT: 15.829 min Scan# 2359
Delta R.T. -0.006 min
Lab File: VN086816.D
Acq: 29 May 2025 15:29

Tgt Ion:180 Resp: 4394
Ion Ratio Lower Upper
180 100
182 95.8 0.0 195.4
145 31.9 0.0 70.0

