

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052925\
 Data File : VN086817.D
 Acq On : 29 May 2025 16:02
 Operator : JC\MD
 Sample : Q2126-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: May 30 02:44:18 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	37895	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	214368	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	188849	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77633	29.817	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.400%		
60) 4-Bromofluorobenzene	12.847	95	86022	29.013	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.700%		
63) Toluene-d8	10.565	98	263903	30.446	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	11231	4.364	ug/l	97
3) Chloromethane	2.359	50	16987	5.119	ug/l	95
4) Vinyl Chloride	2.512	62	14575	4.773	ug/l	100
5) Bromomethane	2.959	94	8530	5.272	ug/l	94
6) Chloroethane	3.124	64	9051	4.846	ug/l	92
7) Trichlorofluoromethane	3.495	101	17636	4.931	ug/l	92
8) Diethyl Ether	3.965	74	7207	4.830	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	10771	4.914	ug/l	98
10) 1,1-Dichloroethene	4.342	96	10836	4.849	ug/l	95
11) Methyl Iodide	4.595	142	13140m	4.988	ug/l	
12) Methyl Acetate	5.018	43	10849	4.371	ug/l	98
13) Acrolein	4.177	56	7855m	30.637	ug/l	
14) Acrylonitrile	5.718	53	27238	23.584	ug/l	98
15) Acetone	4.430	58	7229m	24.721	ug/l	
16) Carbon Disulfide	4.712	76	32494	4.981	ug/l #	95
17) Allyl chloride	5.012	41	16213m	4.883	ug/l	
18) Methylene Chloride	5.271	84	13307	5.127	ug/l	90
19) trans-1,2-Dichloroethene	5.777	96	11831	5.059	ug/l	95
20) Diisopropyl ether	6.671	45	35317	4.830	ug/l	96
21) 1,1-Dichloroethane	6.565	63	22462	5.090	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	13672	4.827	ug/l	99
23) tert-Butyl Alcohol	5.518	59	9245m	24.927	ug/l	
24) Methyl tert-Butyl Ether	5.789	73	36285	4.927	ug/l #	61
25) Chloroform	7.965	83	21857	5.061	ug/l	97
26) Cyclohexane	8.253	56	18625	4.877	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	15413	4.890	ug/l	99
30) 2-Butanone	7.477	43	33248	24.076	ug/l	98
31) 2,2-Dichloropropane	7.483	77	18387	4.942	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	18708	5.120	ug/l	100
33) Carbon Tetrachloride	8.359	117	15414	4.935	ug/l	91
34) Benzene	8.600	78	51212	4.994	ug/l #	85
35) Methacrylonitrile	7.777	41	7667m	4.833	ug/l	
36) 1,2-Dichloroethane	8.665	62	15662	5.212	ug/l #	72
37) Trichloroethene	9.347	130	13766	4.839	ug/l	98
38) Methylcyclohexane	9.594	83	16912	4.836	ug/l	98
39) 1,2-Dichloropropane	9.612	63	12360	5.006	ug/l	96
40) Dibromomethane	9.706	93	8117	5.027	ug/l	98
41) Bromodichloromethane	9.883	83	16830	4.979	ug/l	93
42) Vinyl Acetate	6.594	43	105173	26.127	ug/l	100

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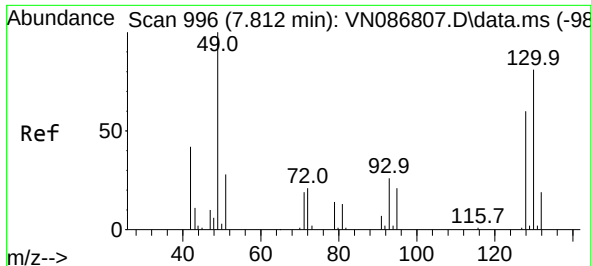
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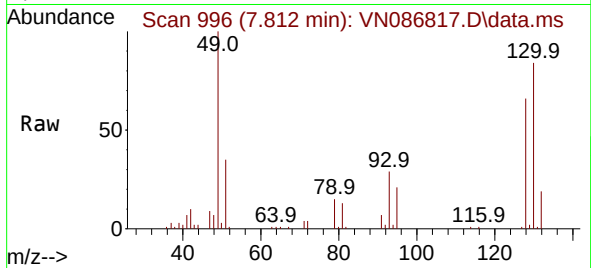
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	14413	5.100	ug/l	96
44) Isopropyl Acetate	8.683	43	23995	4.950	ug/l	98
45) 1,4-Dioxane	9.688	88	4430	102.819	ug/l	92
46) Methyl methacrylate	9.677	41	10730	4.801	ug/l	97
47) n-amyl Acetate	12.488	43	17587	4.519	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	17343	4.795	ug/l	92
49) cis-1,3-Dichloropropene	10.306	75	19458	4.891	ug/l	92
50) 1,1,2-Trichloroethane	11.012	97	11432	5.027	ug/l	97
51) Ethyl methacrylate	10.871	69	16571	4.499	ug/l	98
52) 1,3-Dichloropropane	11.159	76	19896	4.929	ug/l	96
53) Dibromochloromethane	11.353	129	12486	4.858	ug/l	96
54) 1,2-Dibromoethane	11.465	107	11309	4.865	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	39802	22.512	ug/l	99
56) Bromoform	12.576	173	7822	4.830	ug/l #	93
58) 4-Methyl-2-Pentanone	10.441	43	68853	24.847	ug/l	99
59) 2-Hexanone	11.194	43	47529	23.945	ug/l	97
61) Tetrachloroethene	11.100	164	15931	5.018	ug/l	87
62) Toluene	10.624	91	55008	5.172	ug/l	99
64) Chlorobenzene	11.888	112	34464	5.081	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.953	131	11226	5.038	ug/l	98
66) Ethyl Benzene	11.959	91	55135	4.793	ug/l	96
67) m/p-Xylenes	12.071	106	42814	9.484	ug/l	97
68) o-Xylene	12.394	106	20999	4.800	ug/l	98
69) Styrene	12.406	104	32190	4.416	ug/l	96
70) Isopropylbenzene	12.694	105	50725	4.875	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	12919	5.222	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	14594m	5.033	ug/l	
73) Bromobenzene	12.976	156	12559	4.856	ug/l	98
74) n-propylbenzene	13.035	91	57013	4.626	ug/l	100
75) 2-Chlorotoluene	13.123	91	37616	4.755	ug/l	95
76) 1,3,5-Trimethylbenzene	13.171	105	40252	4.650	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	5525	4.656	ug/l	86
78) 4-Chlorotoluene	13.218	91	38825	4.954	ug/l	97
79) tert-butylbenzene	13.435	119	33866	4.525	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	38844	4.470	ug/l	98
81) sec-Butylbenzene	13.612	105	47298	4.639	ug/l	99
82) p-Isopropyltoluene	13.723	119	37841	4.420	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	22617	4.767	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	22169	4.695	ug/l	99
85) n-Butylbenzene	14.053	91	29385	4.100	ug/l	97
86) Hexachloroethane	14.329	117	6513	4.463	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	21060	4.601	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	1935	3.714	ug/l #	84
89) 1,2,4-Trichlorobenzene	15.835	180	8369	4.369	ug/l	95
90) Hexachlorobutadiene	15.494	225	3913	4.766	ug/l	94
91) Naphthalene	15.635	128	27223	4.073	ug/l	97
92) 1,2,3-Trichlorobenzene	15.835	180	8369	4.369	ug/l	95

(#) = 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: VN086817.D
Acq: 29 May 2025 16:02

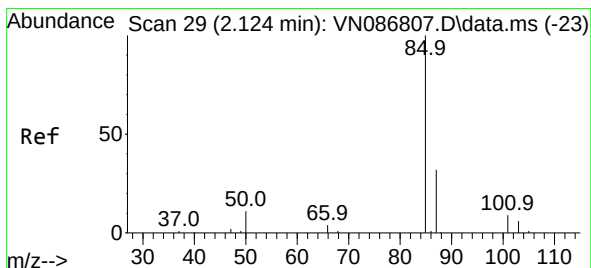
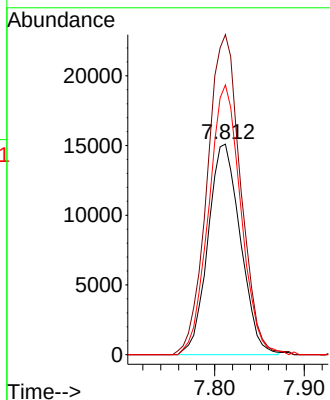
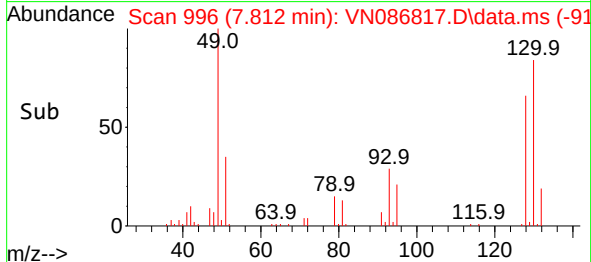
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:128 Resp: 3789
Ion Ratio Lower Upper
128 100
49 156.5 0.0 404.5
130 127.1 0.0 322.2

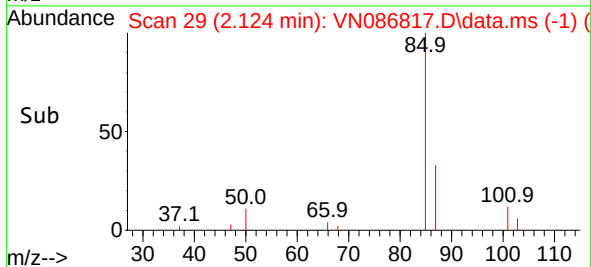
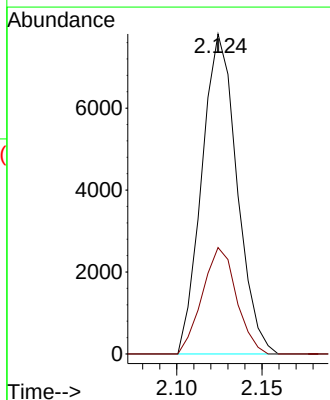
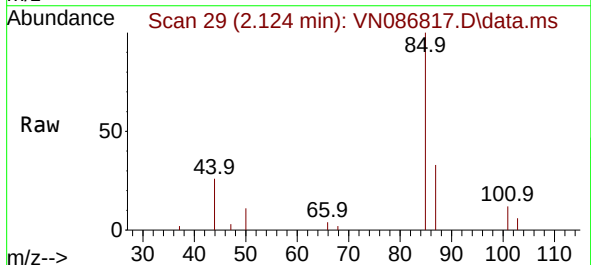
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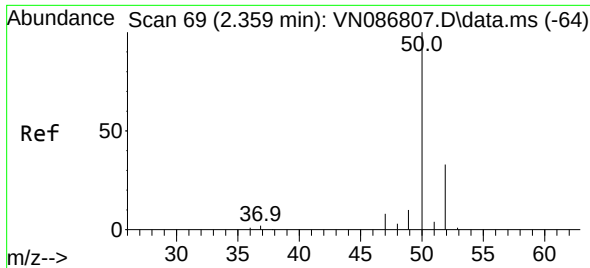
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#2
Dichlorodifluoromethane
Concen: 4.364 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

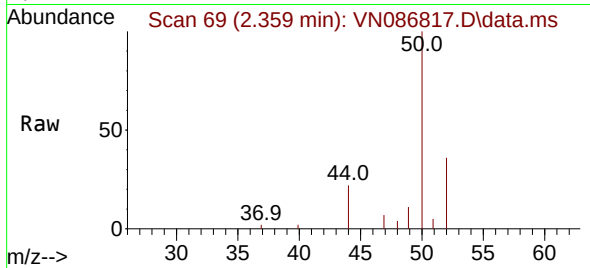
Tgt Ion: 85 Resp: 11231
Ion Ratio Lower Upper
85 100
87 33.3 15.9 47.7





#3
Chloromethane
Concen: 5.119 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

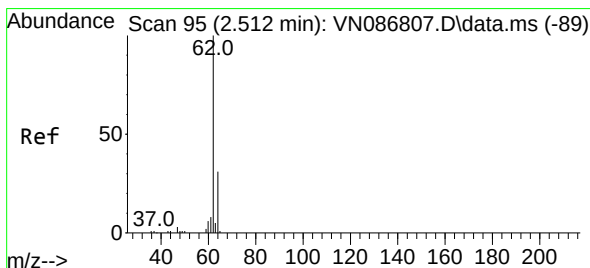
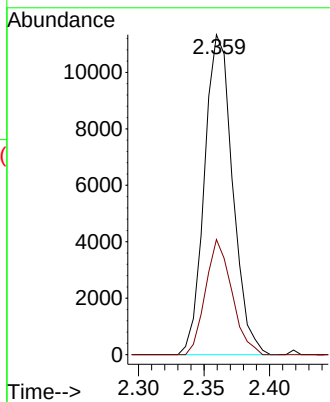
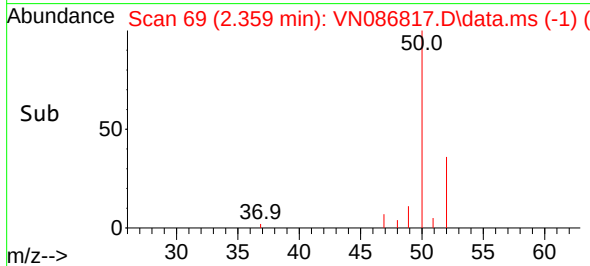
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 50 Resp: 1698
Ion Ratio Lower Upper
50 100
52 36.0 26.6 40.0

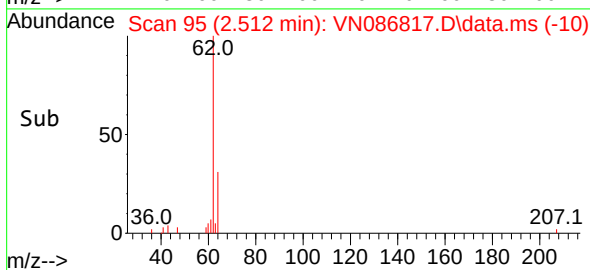
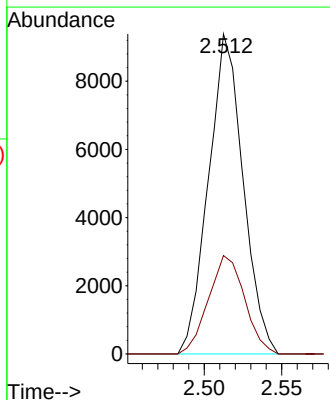
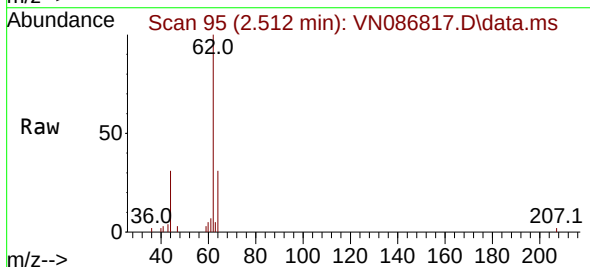
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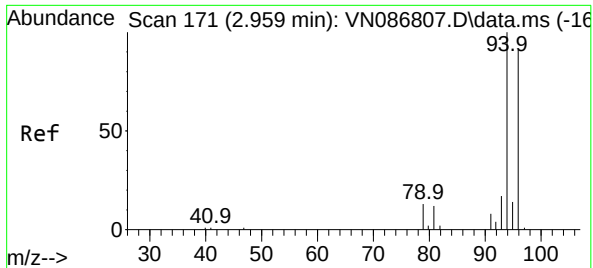
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#4
Vinyl Chloride
Concen: 4.773 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

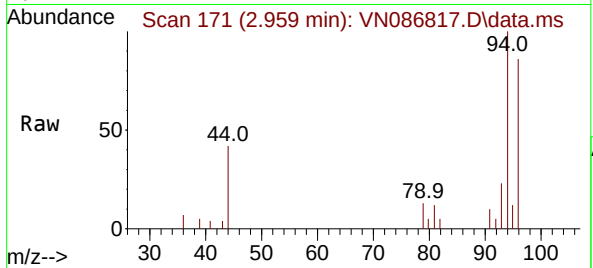
Tgt Ion: 62 Resp: 14575
Ion Ratio Lower Upper
62 100
64 30.7 24.6 36.8





#5
Bromomethane
Concen: 5.272 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

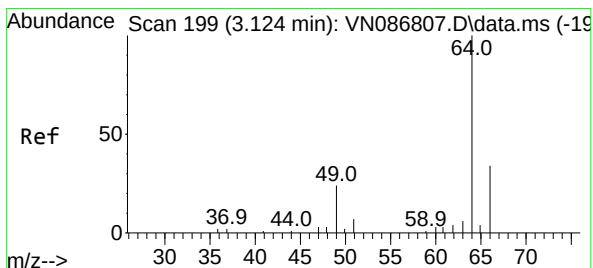
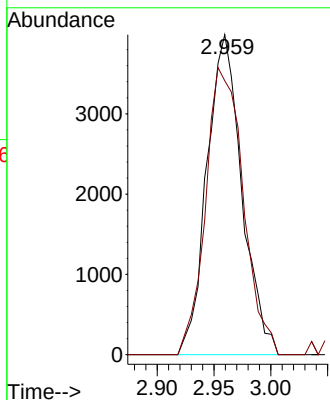
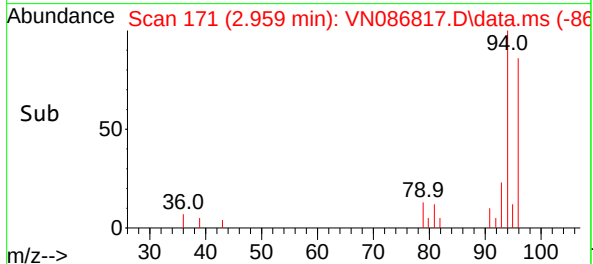
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 94 Resp: 8530
Ion Ratio Lower Upper
94 100
96 85.6 72.7 109.1

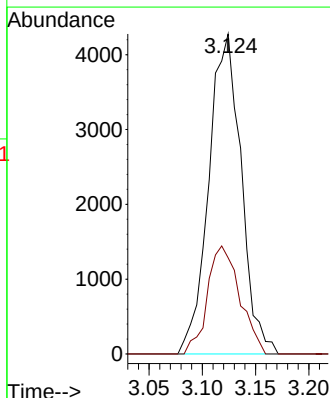
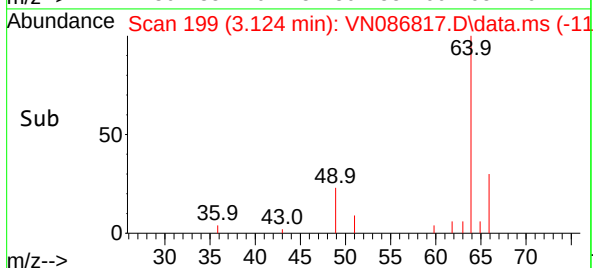
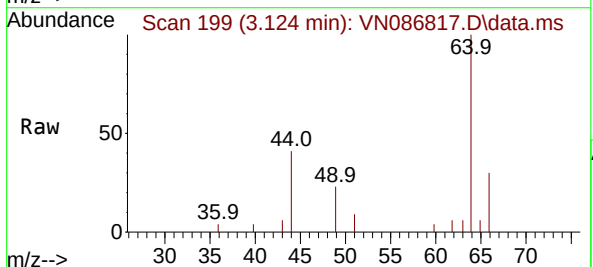
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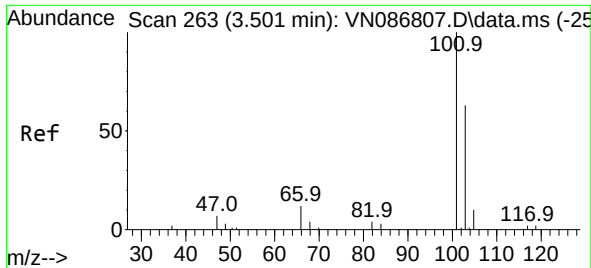
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#6
Chloroethane
Concen: 4.846 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion: 64 Resp: 9051
Ion Ratio Lower Upper
64 100
66 30.1 27.5 41.3





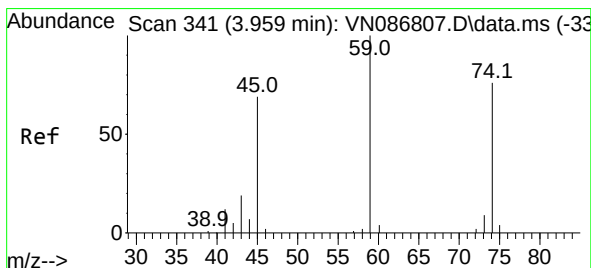
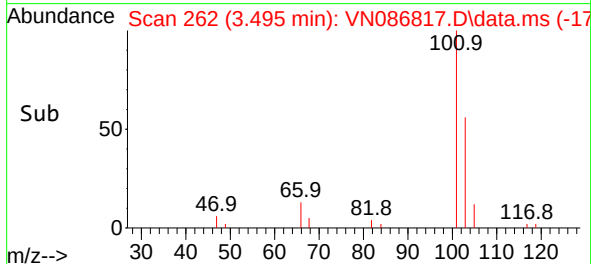
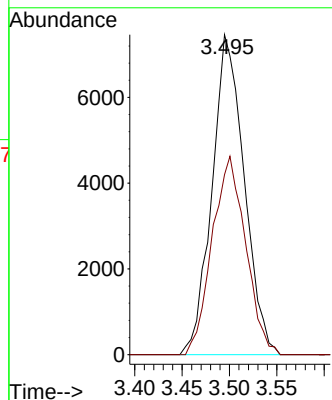
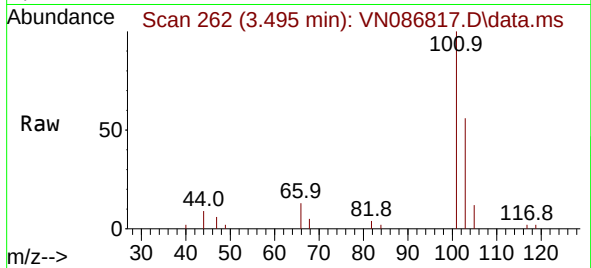
#7
Trichlorofluoromethane
Concen: 4.931 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Instrument :
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LOQ-WATER-02-QT2-2025

Tgt Ion:101 Resp: 17630
Ion Ratio Lower Upper
101 100
103 56.3 50.0 75.0

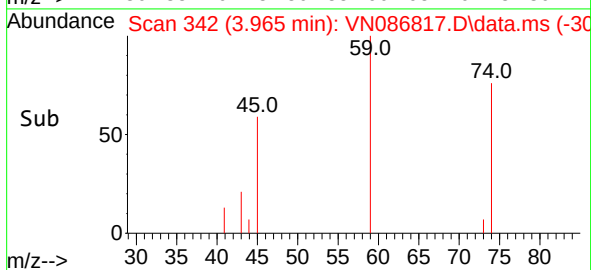
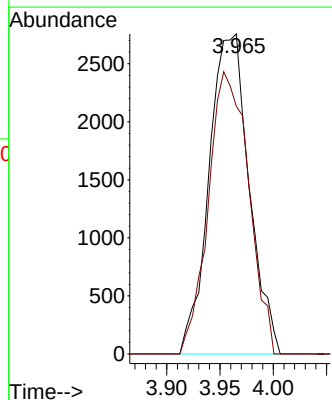
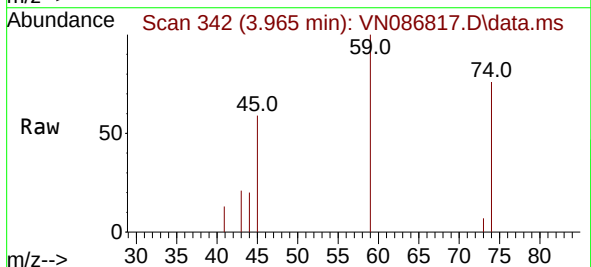
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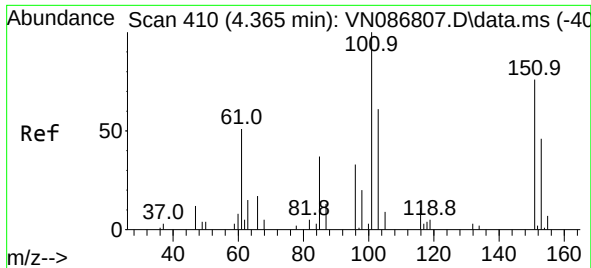
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#8
Diethyl Ether
Concen: 4.830 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion: 74 Resp: 7207
Ion Ratio Lower Upper
74 100
45 88.6 17.9 161.5





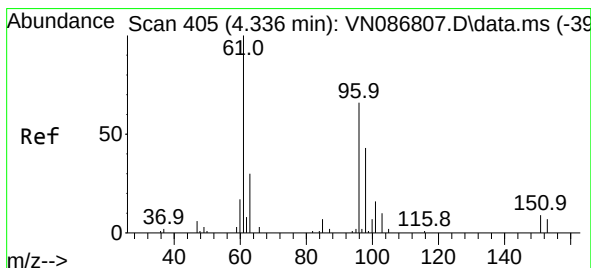
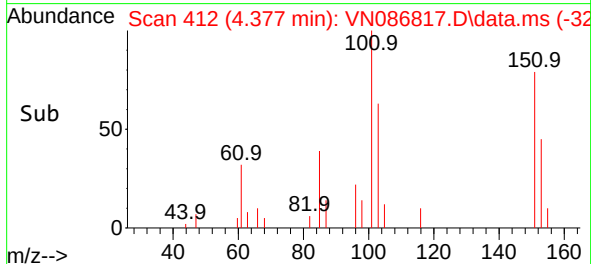
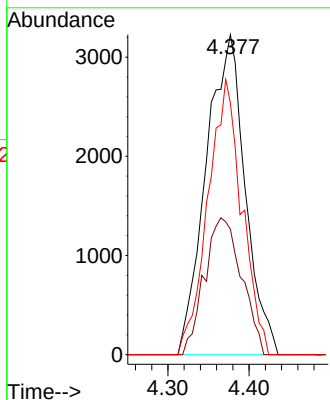
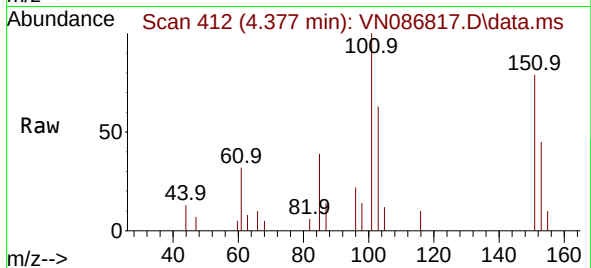
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.914 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

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

Tgt Ion:101 Resp: 1077
Ion Ratio Lower Upper
101 100
85 40.7 0.0 83.2
151 75.0 0.0 145.6

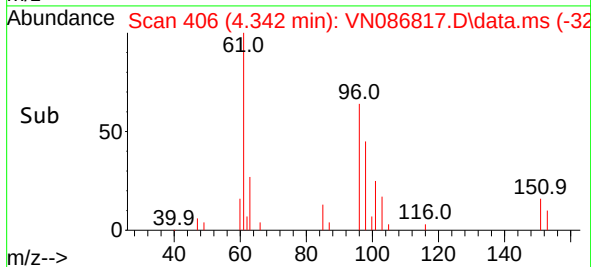
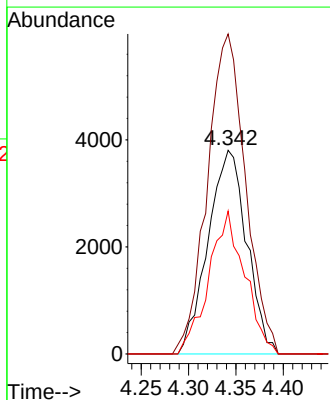
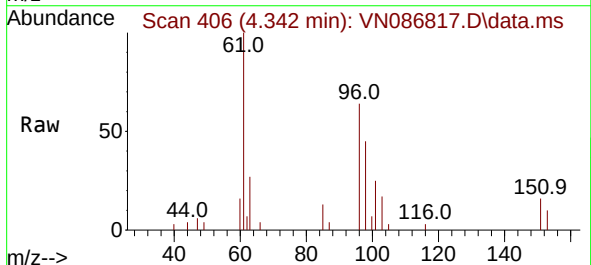
Manual Integrations
APPROVED

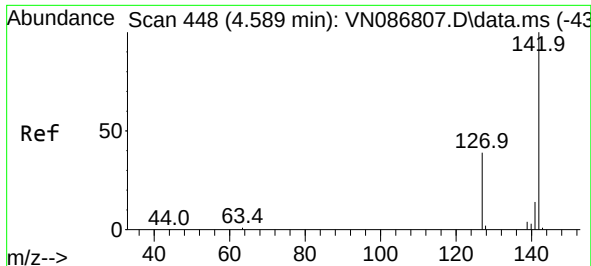
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#10
1,1-Dichloroethene
Concen: 4.849 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

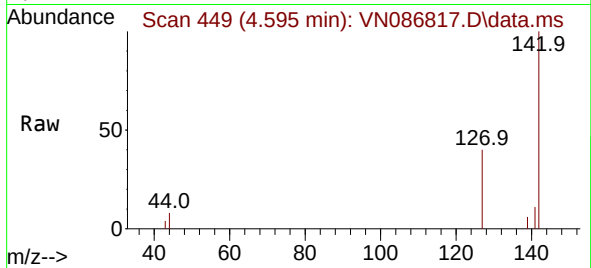
Tgt Ion: 96 Resp: 10836
Ion Ratio Lower Upper
96 100
61 157.1 121.7 182.5
98 70.1 51.9 77.9





#11
Methyl Iodide
Concen: 4.988 ug/l m
RT: 4.595 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

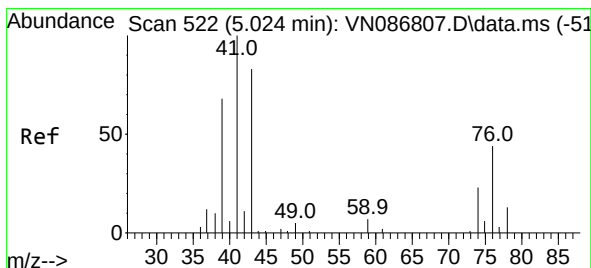
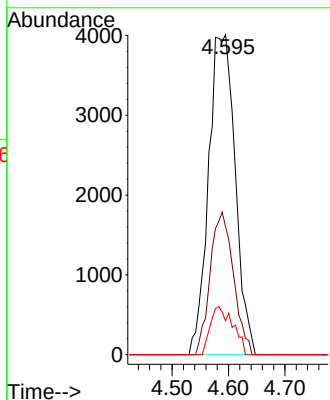
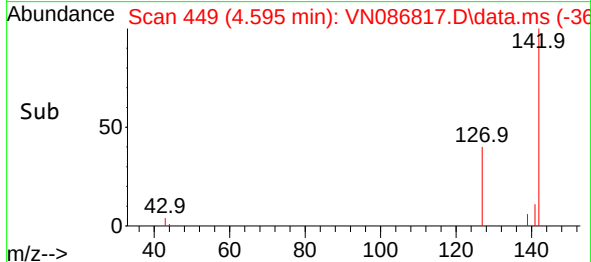
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:142 Resp: 13140
Ion Ratio Lower Upper
142 100
127 40.0 19.5 58.5
141 10.6 7.1 21.4

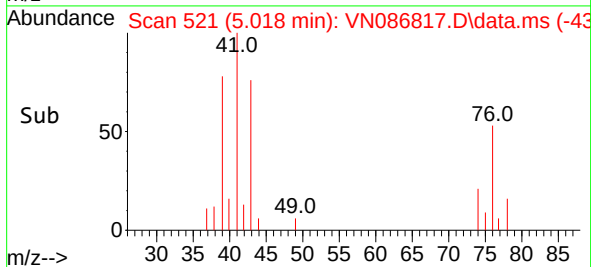
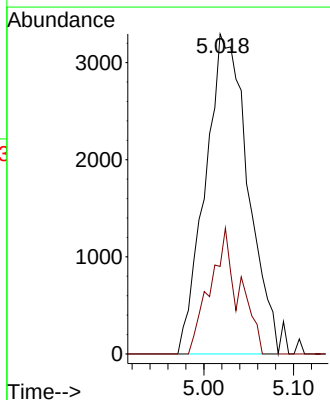
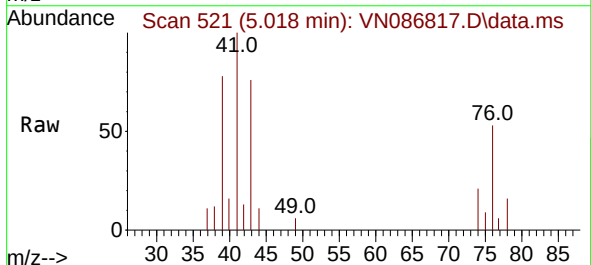
Manual Integrations
APPROVED

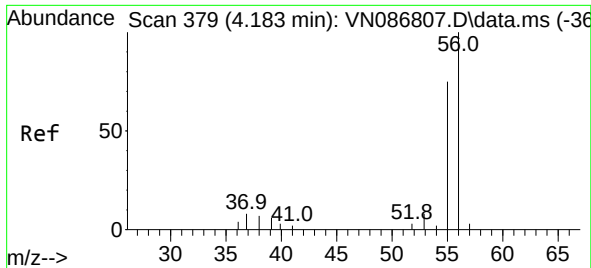
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#12
Methyl Acetate
Concen: 4.371 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

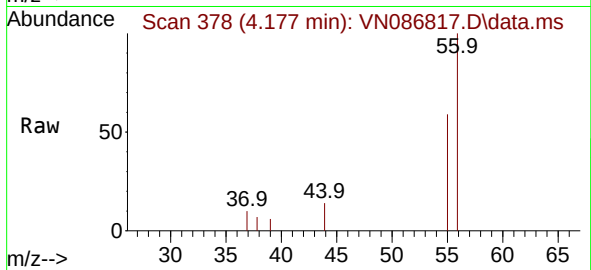
Tgt Ion: 43 Resp: 10849
Ion Ratio Lower Upper
43 100
74 27.3 22.7 34.1





#13
Acrolein
Concen: 30.637 ug/l m
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

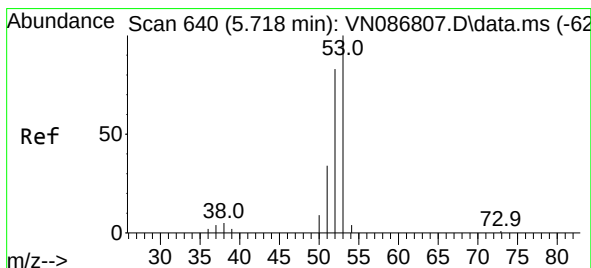
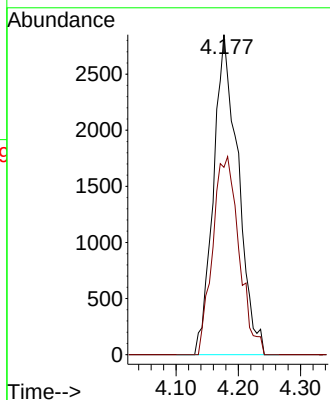
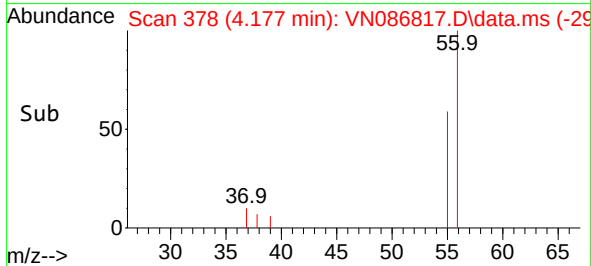
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 56 Resp: 785
Ion Ratio Lower Upper
56 100
55 65.5 55.9 83.9

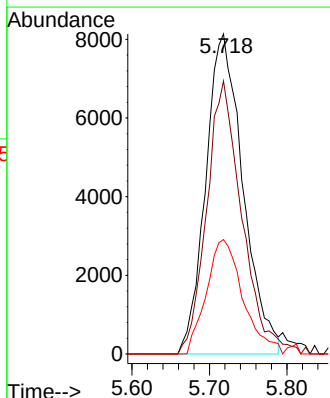
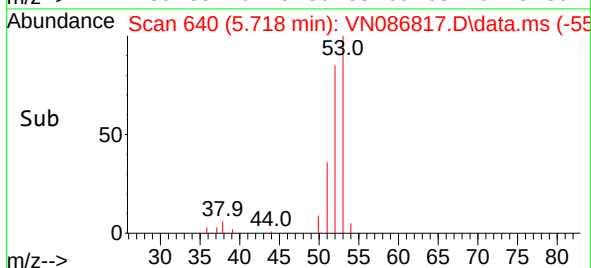
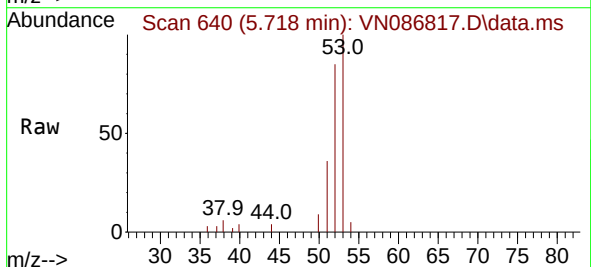
Manual Integrations
APPROVED

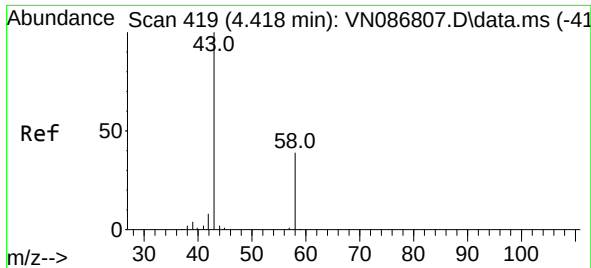
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#14
Acrylonitrile
Concen: 23.584 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion: 53 Resp: 27238
Ion Ratio Lower Upper
53 100
52 77.4 40.0 119.9
51 34.7 17.5 52.6





#15

Acetone

Concen: 24.721 ug/l m

RT: 4.430 min Scan# 419

Delta R.T. 0.012 min

Lab File: VN086817.D

Acq: 29 May 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 58 Resp: 7229

Ion Ratio Lower Upper

58 100

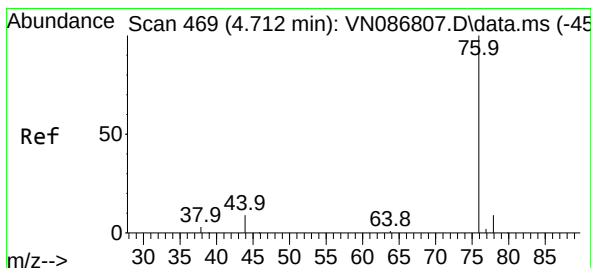
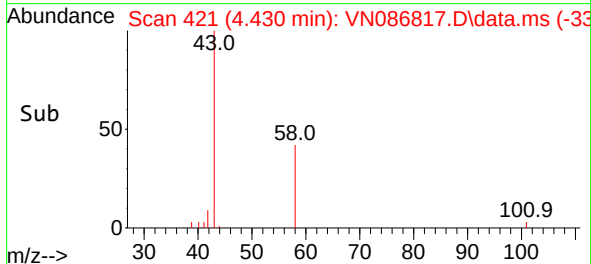
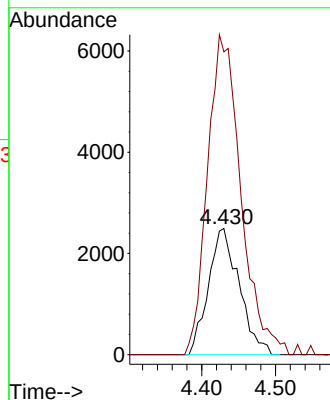
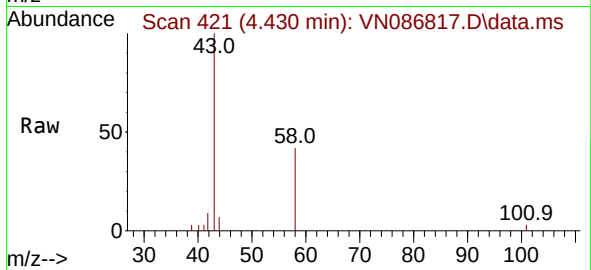
43 240.0 207.7 311.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#16

Carbon Disulfide

Concen: 4.981 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN086817.D

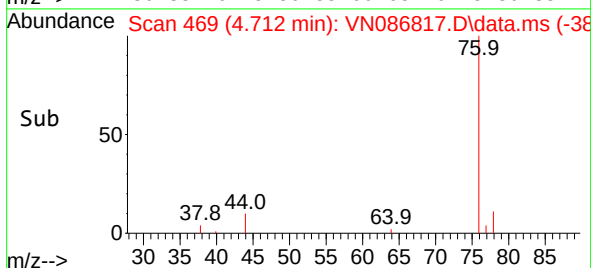
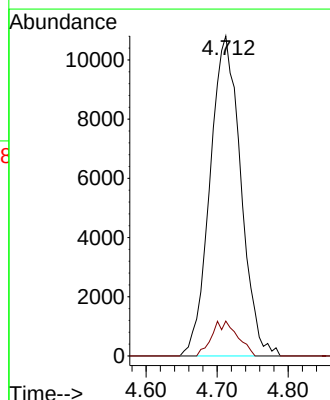
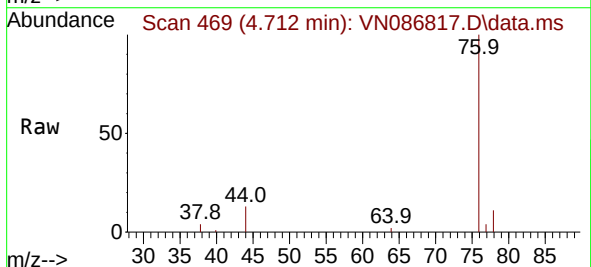
Acq: 29 May 2025 16:02

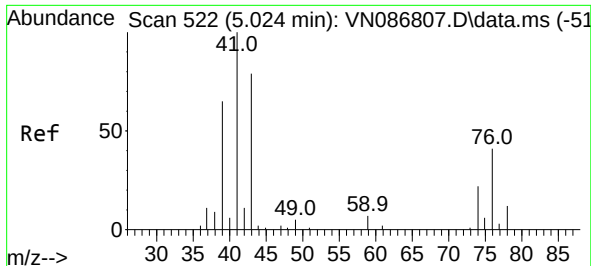
Tgt Ion: 76 Resp: 32494

Ion Ratio Lower Upper

76 100

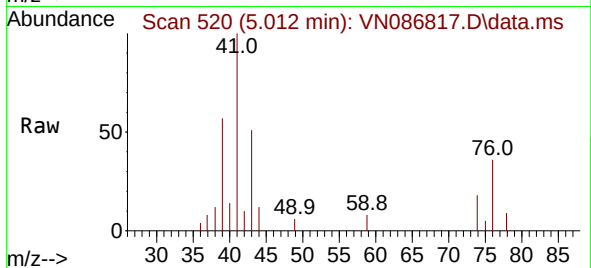
78 10.9 7.2 10.8#





#17
 Allyl chloride
 Concen: 4.883 ug/l m
 RT: 5.012 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VN086817.D
 Acq: 29 May 2025 16:02

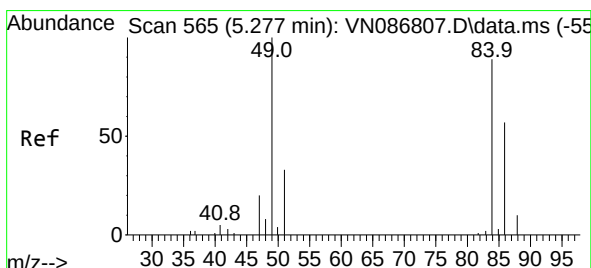
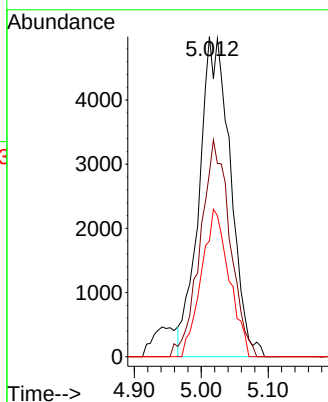
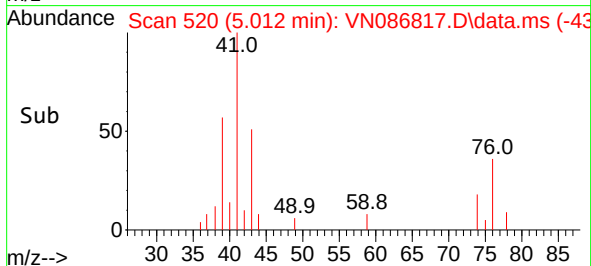
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



Tgt Ion: 41	Resp: 1621
Ion Ratio	Lower Upper
41	100
39	57.4 31.6 94.8
76	36.2 20.1 60.2

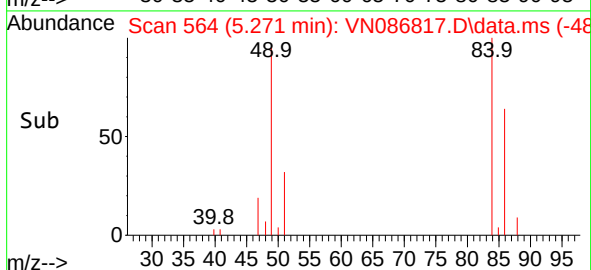
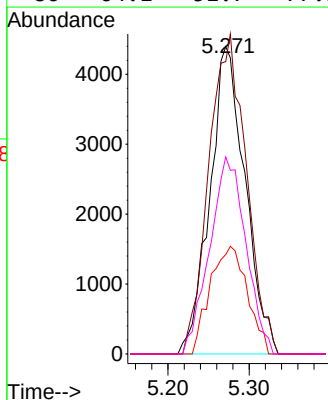
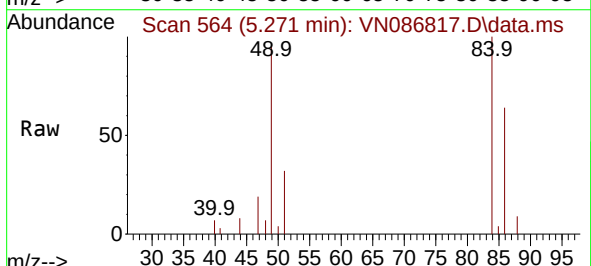
Manual Integrations
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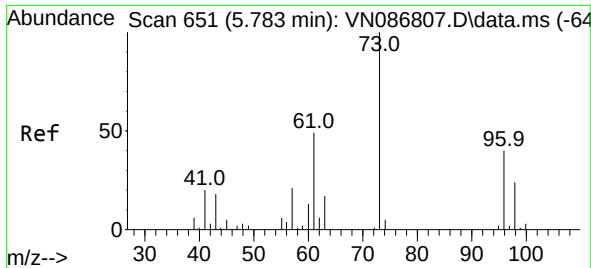
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#18
 Methylene Chloride
 Concen: 5.127 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086817.D
 Acq: 29 May 2025 16:02

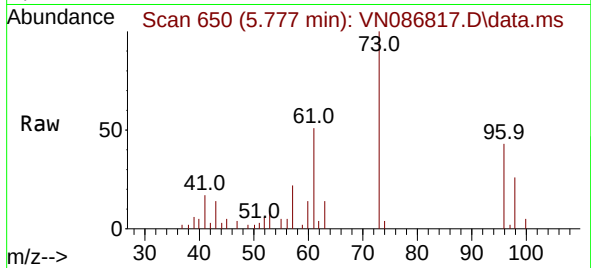
Tgt Ion: 84	Resp: 13307
Ion Ratio	Lower Upper
84	100
49	95.1 89.9 134.9
51	32.3 29.6 44.4
86	64.1 51.7 77.5





#19
trans-1,2-Dichloroethene
Concen: 5.059 ug/l
RT: 5.777 min Scan# 618
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

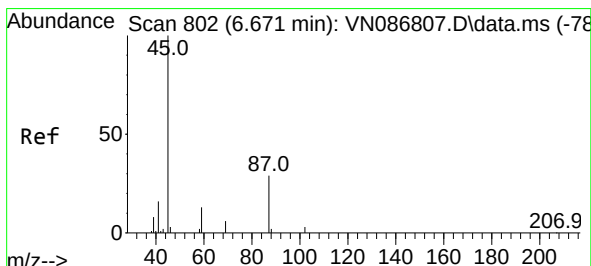
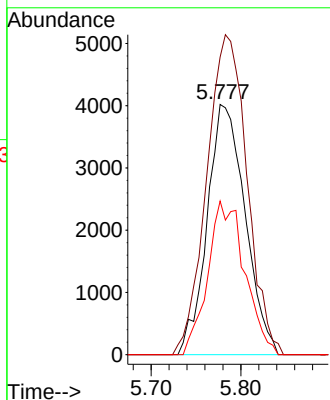
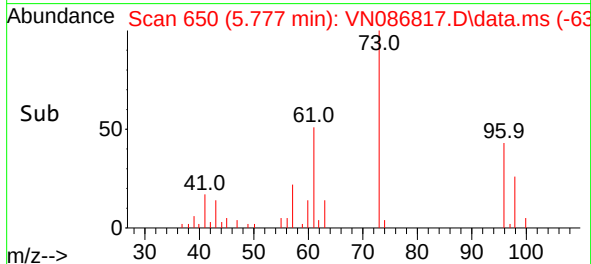
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 96 Resp: 1183
Ion Ratio Lower Upper
96 100
61 115.0 98.9 148.3
98 61.4 49.0 73.4

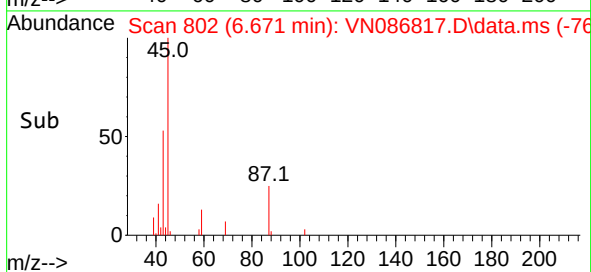
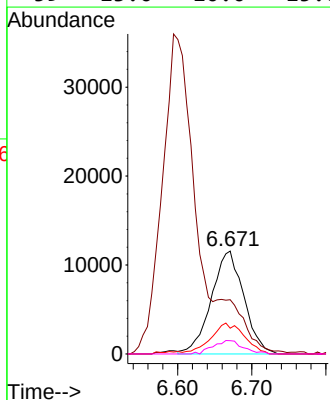
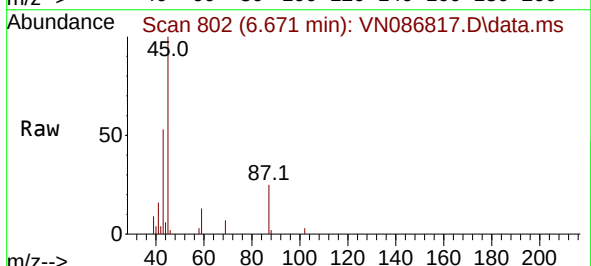
Manual Integrations
APPROVED

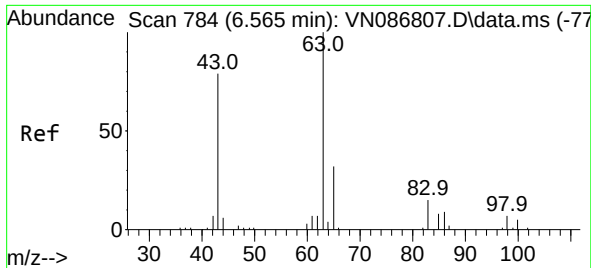
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#20
Diisopropyl ether
Concen: 4.830 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion: 45 Resp: 35317
Ion Ratio Lower Upper
45 100
43 49.7 40.3 60.5
87 25.1 24.1 36.1
59 13.0 10.0 15.0





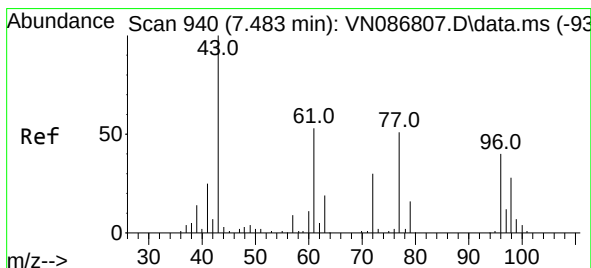
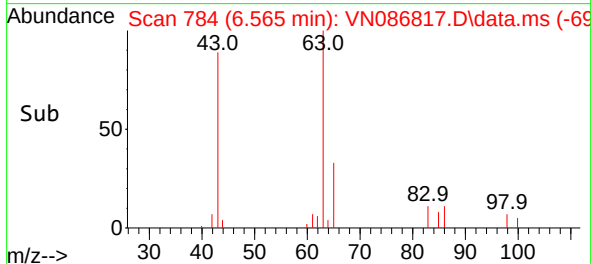
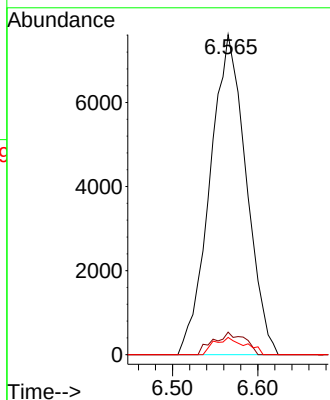
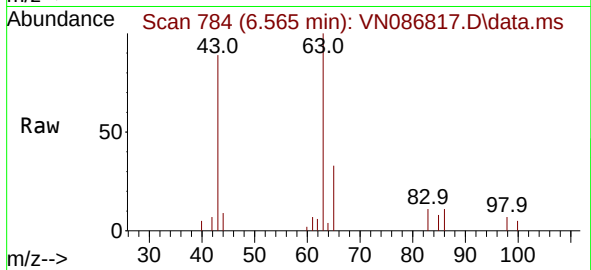
#21
1,1-Dichloroethane
Concen: 5.090 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

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

Tgt Ion: 63 Resp: 22462
Ion Ratio Lower Upper
63 100
98 7.1 3.8 11.2
100 5.4 2.3 6.8

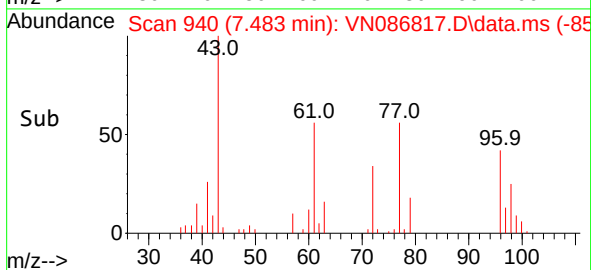
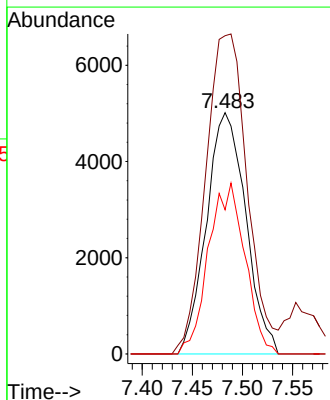
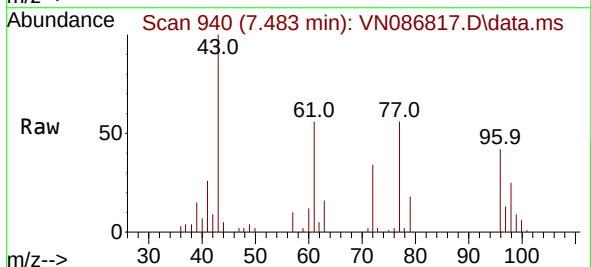
Manual Integrations
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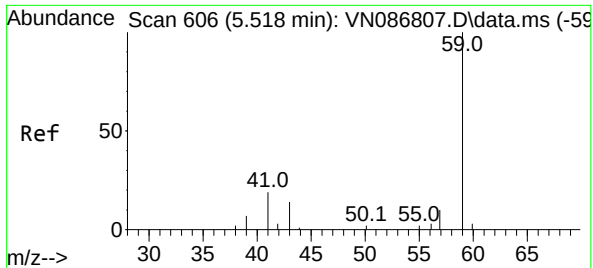
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#22
cis-1,2-Dichloroethene
Concen: 4.827 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

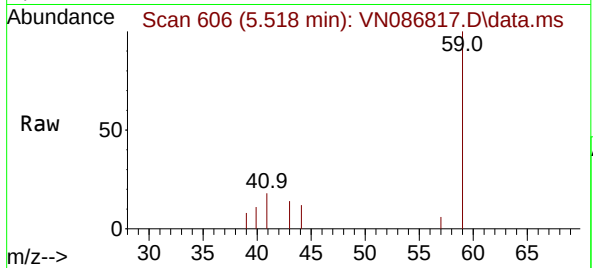
Tgt Ion: 96 Resp: 13672
Ion Ratio Lower Upper
96 100
61 140.2 110.7 166.1
98 65.7 51.8 77.8





#23
tert-Butyl Alcohol
Concen: 24.927 ug/l m
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

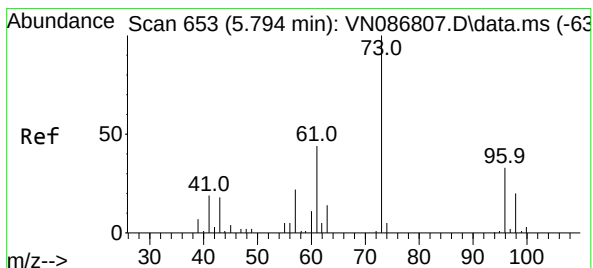
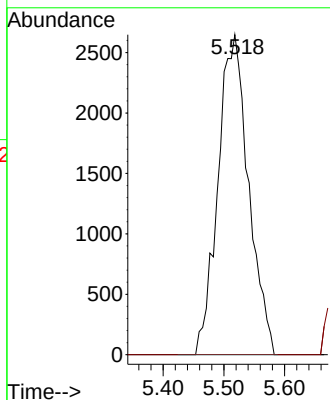
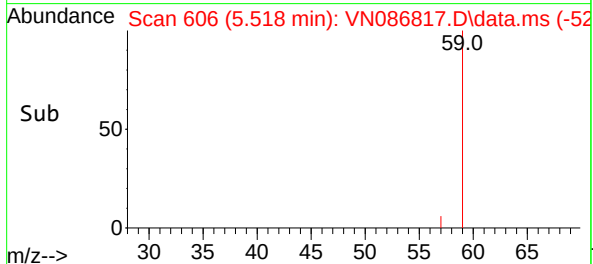
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



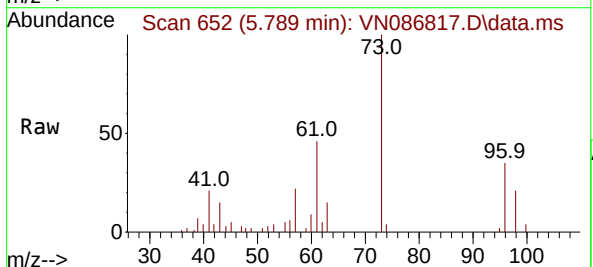
Tgt Ion: 59 Resp: 9245
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

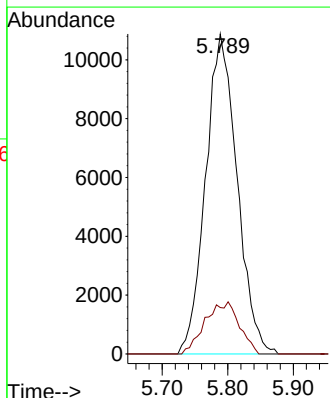
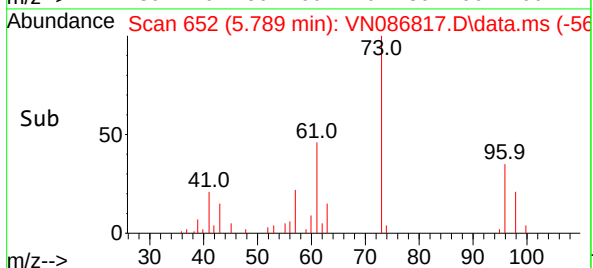
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

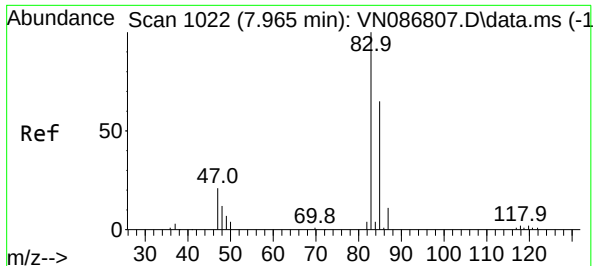


#24
Methyl tert-Butyl Ether
Concen: 4.927 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02



Tgt Ion: 73 Resp: 36285
Ion Ratio Lower Upper
73 100
43 1.1 14.6 22.0#





#25

Chloroform

Concen: 5.061 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086817.D

Acq: 29 May 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 83 Resp: 2185

Ion Ratio Lower Upper

83 100

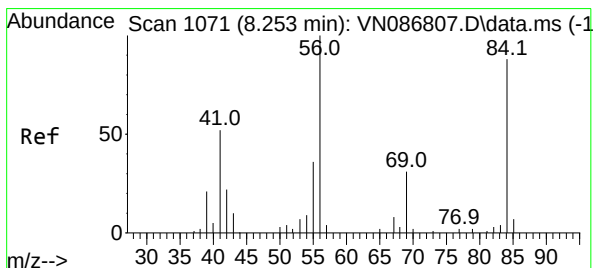
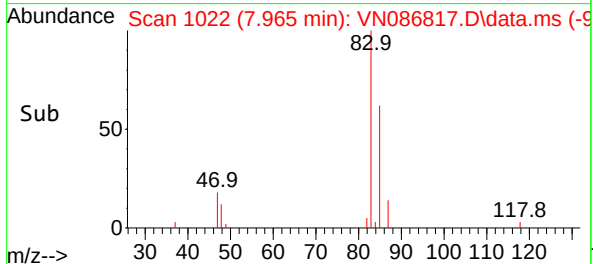
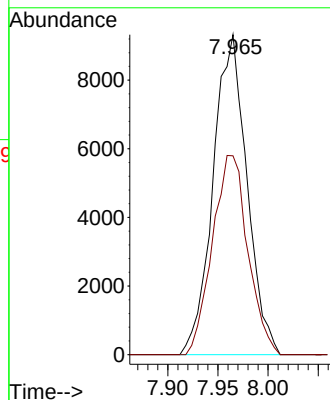
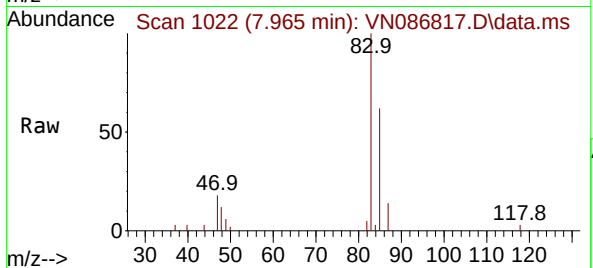
85 62.2 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#26

Cyclohexane

Concen: 4.877 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086817.D

Acq: 29 May 2025 16:02

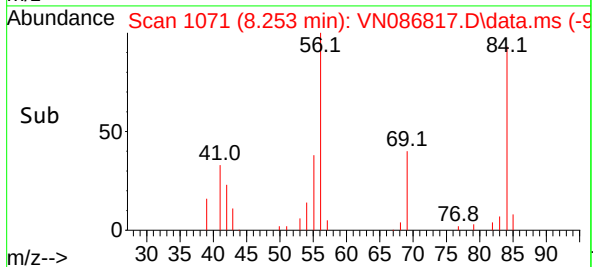
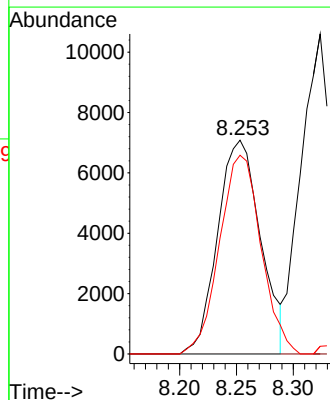
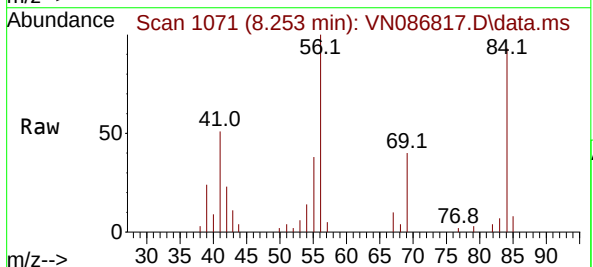
Tgt Ion: 56 Resp: 18625

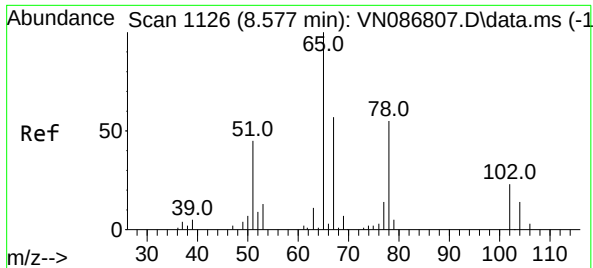
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.9 70.4 105.6





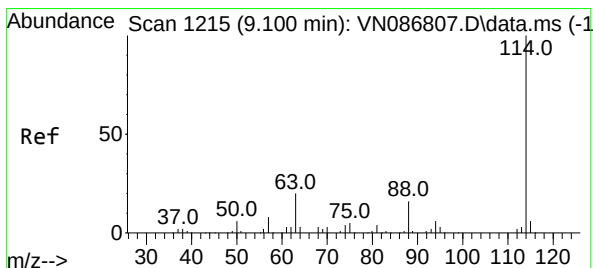
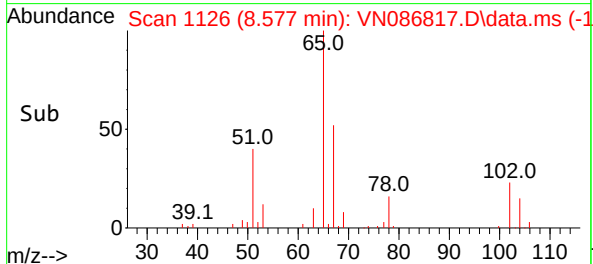
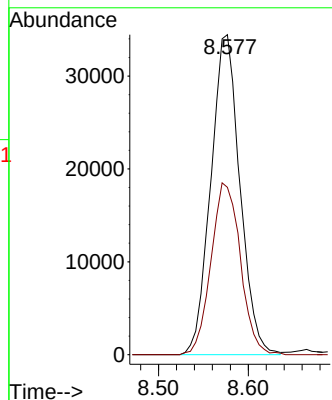
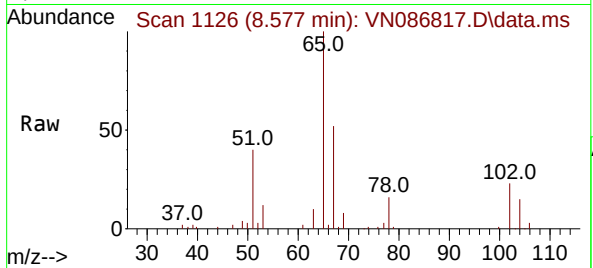
#27
1,2-Dichloroethane-d4
Concen: 29.817 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

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

Tgt Ion: 65 Resp: 7763
Ion Ratio Lower Upper
65 100
67 53.9 44.6 67.0

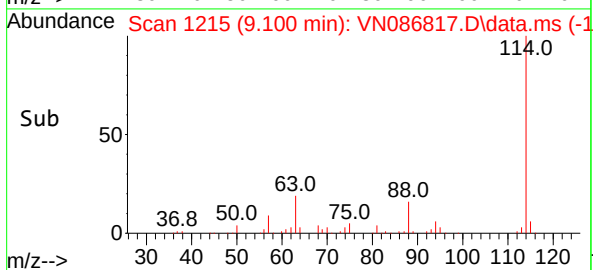
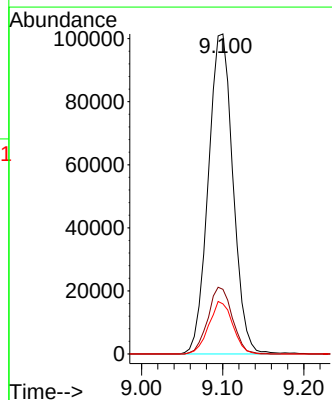
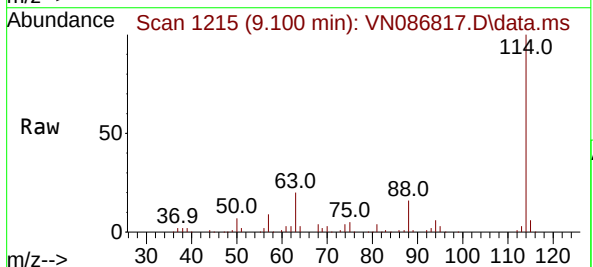
Manual Integrations
APPROVED

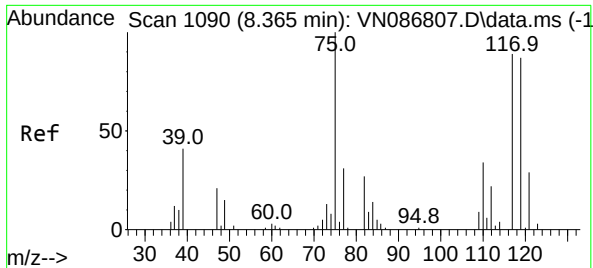
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion:114 Resp: 214368
Ion Ratio Lower Upper
114 100
63 20.6 15.8 23.8
88 15.9 12.9 19.3





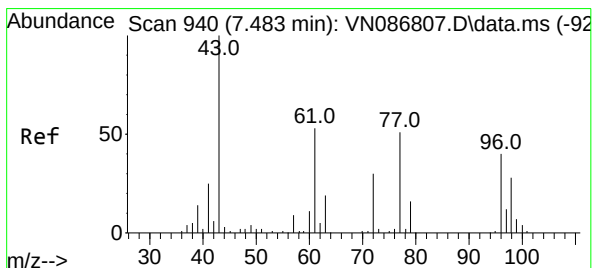
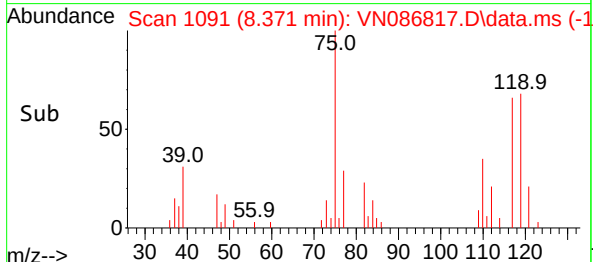
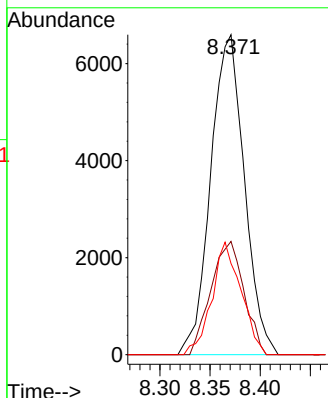
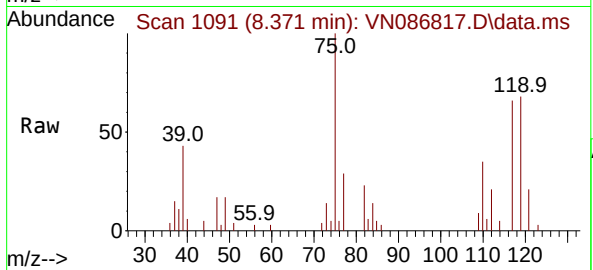
#29
1,1-Dichloropropene
Concen: 4.890 ug/l
RT: 8.371 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

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

Tgt Ion: 75	Resp: 1541
Ion Ratio	Lower Upper
75 100	
110 34.7	0.0 71.0
77 30.5	0.0 62.4

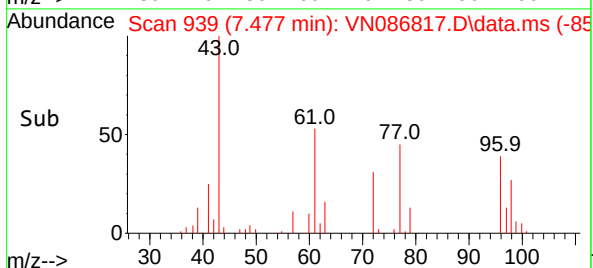
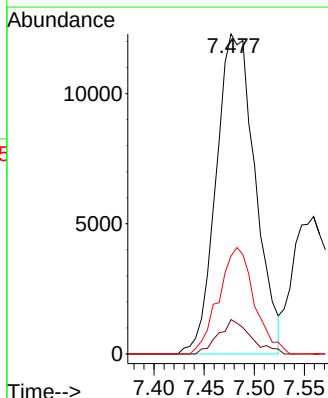
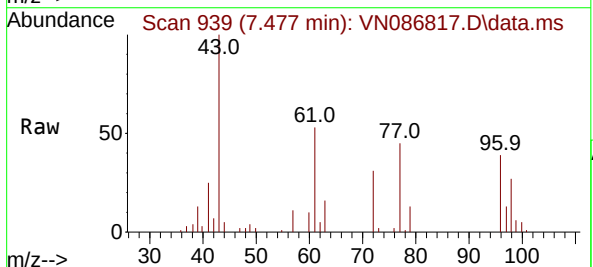
Manual Integrations
APPROVED

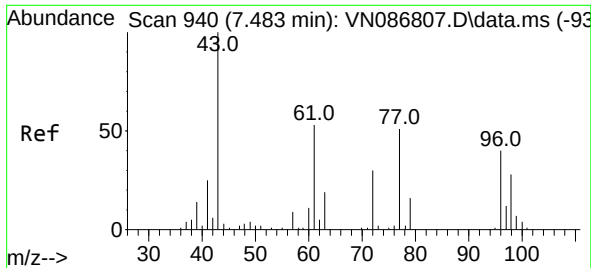
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#30
2-Butanone
Concen: 24.076 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

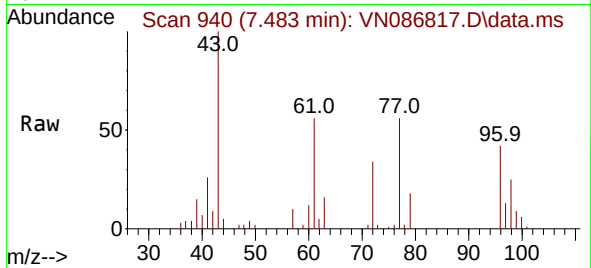
Tgt Ion: 43	Resp: 33248
Ion Ratio	Lower Upper
43 100	
57 8.9	6.8 10.2
72 30.4	23.4 35.0





#31
2,2-Dichloropropane
Concen: 4.942 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

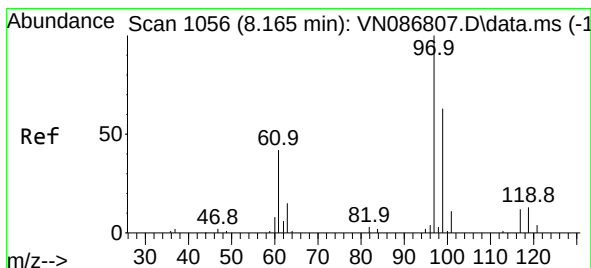
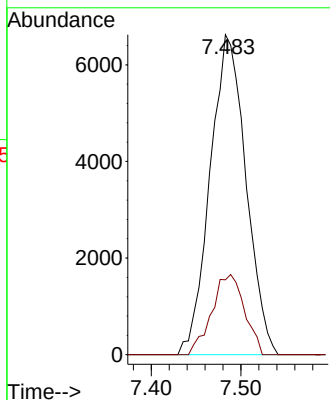
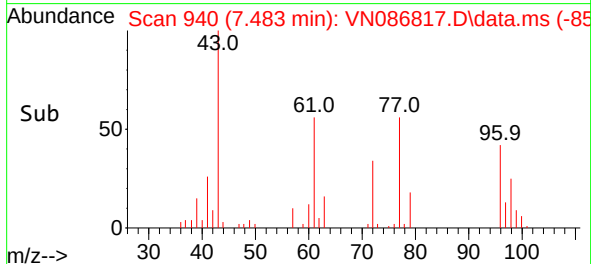
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



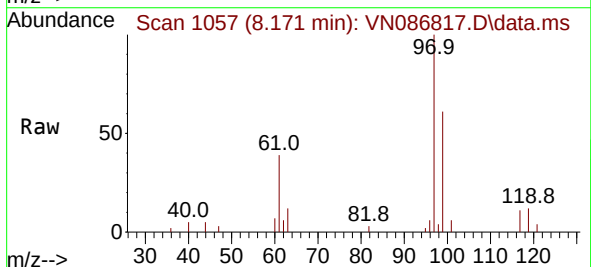
Tgt Ion: 77 Resp: 1838
Ion Ratio Lower Upper
77 100
97 22.8 18.6 27.8

Manual Integrations
APPROVED

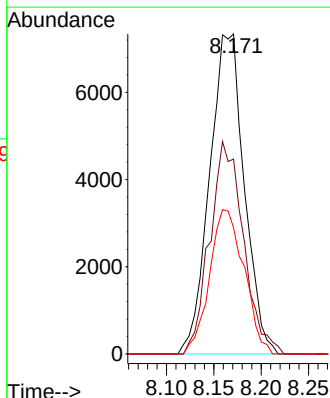
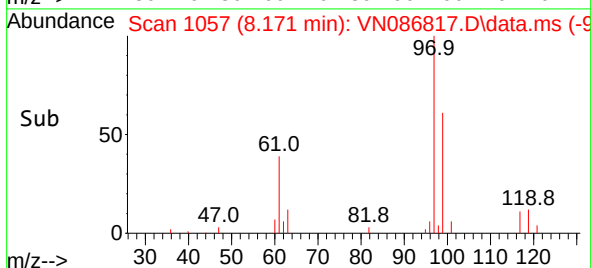
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

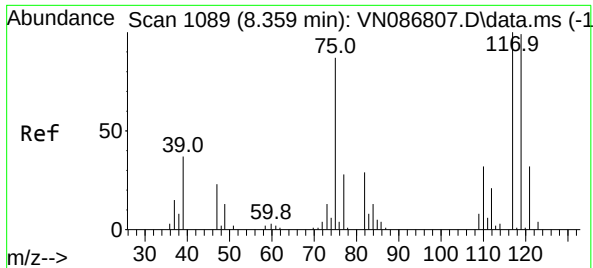


#32
1,1,1-Trichloroethane
Concen: 5.120 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02



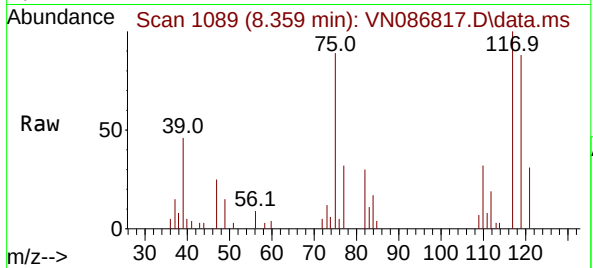
Tgt Ion: 97 Resp: 18708
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 44.8 35.4 53.2





#33
Carbon Tetrachloride
Concen: 4.935 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

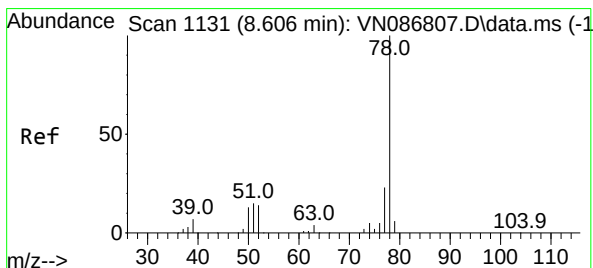
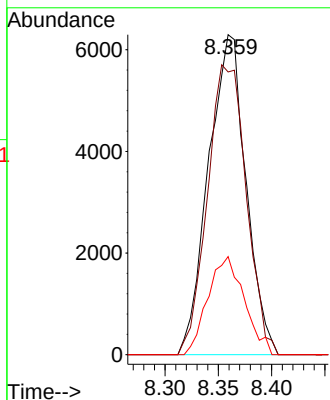
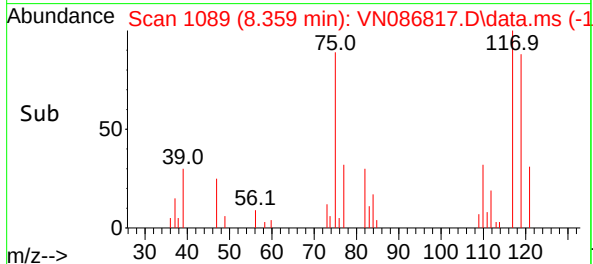
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



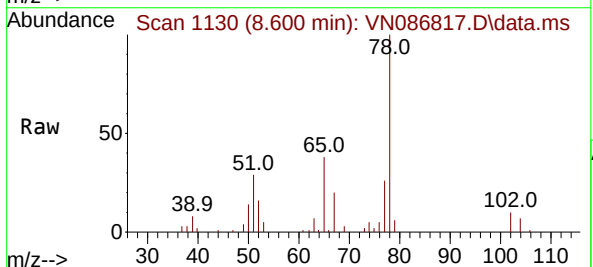
Tgt Ion:117 Resp: 15414
Ion Ratio Lower Upper
117 100
119 88.4 79.2 118.8
121 30.6 25.6 38.4

Manual Integrations
APPROVED

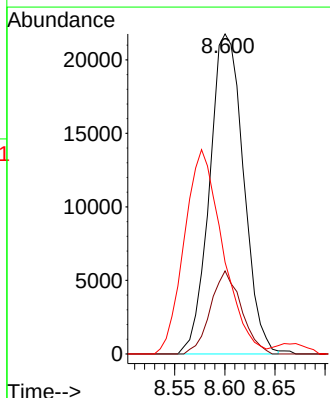
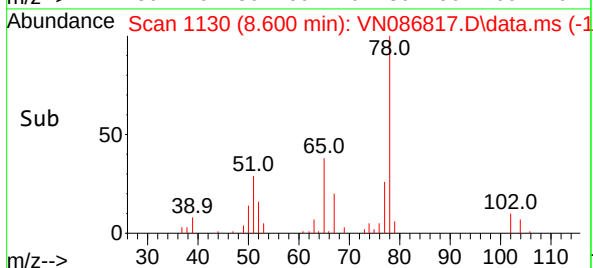
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

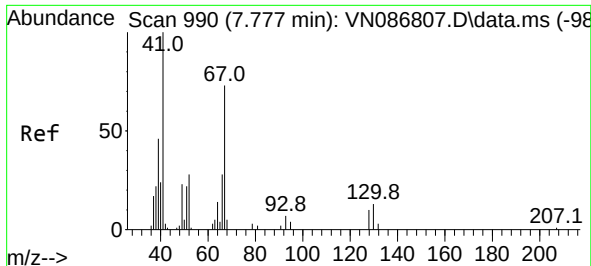


#34
Benzene
Concen: 4.994 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02



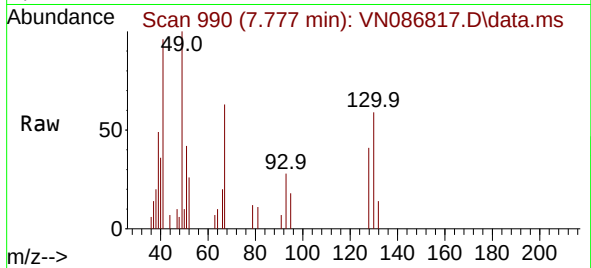
Tgt Ion: 78 Resp: 51212
Ion Ratio Lower Upper
78 100
77 26.0 18.2 27.2
51 26.1 11.9 17.9#





#35
Methacrylonitrile
Concen: 4.833 ug/l m
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

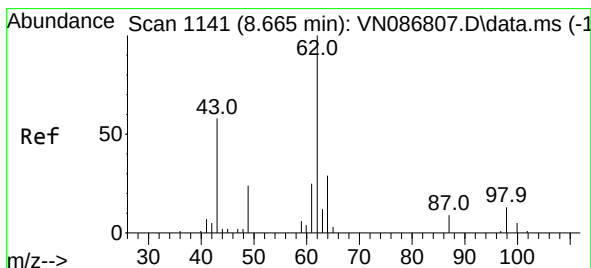
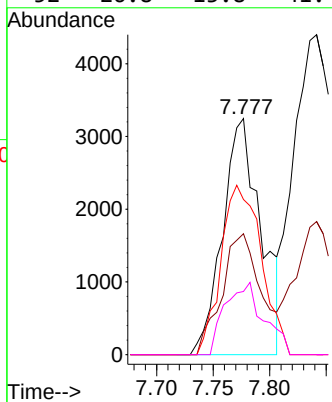
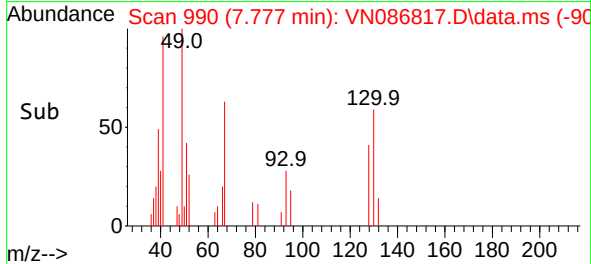
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 41 Resp: 766
Ion Ratio Lower Upper
41 100
39 51.2 23.2 69.6
67 65.7 36.5 109.7
52 26.8 13.8 41.4

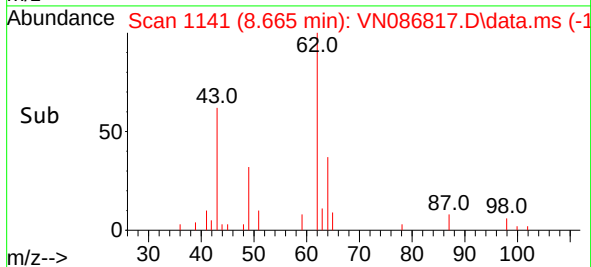
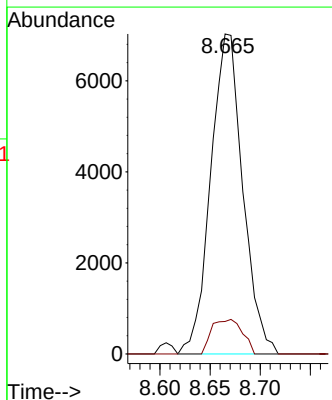
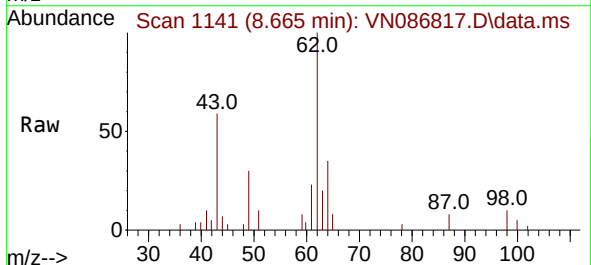
Manual Integrations
APPROVED

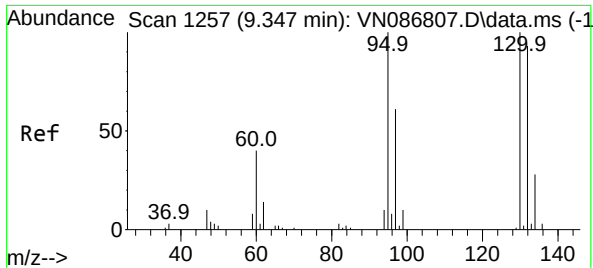
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#36
1,2-Dichloroethane
Concen: 5.212 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

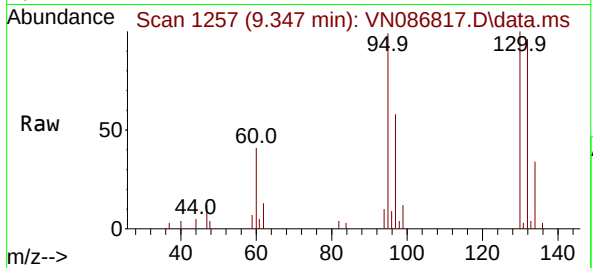
Tgt Ion: 62 Resp: 15662
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#





#37
Trichloroethene
Concen: 4.839 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

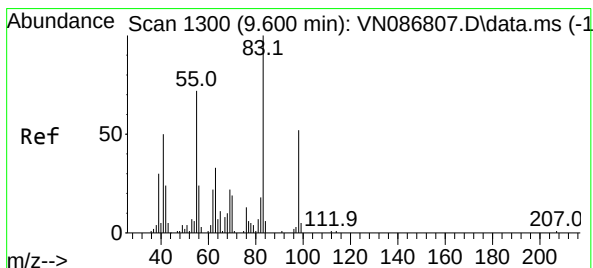
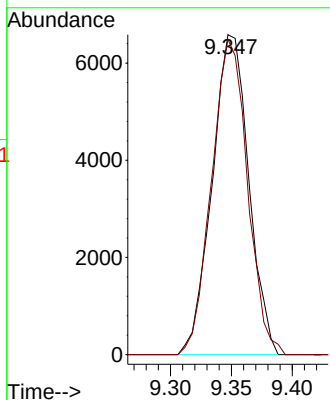
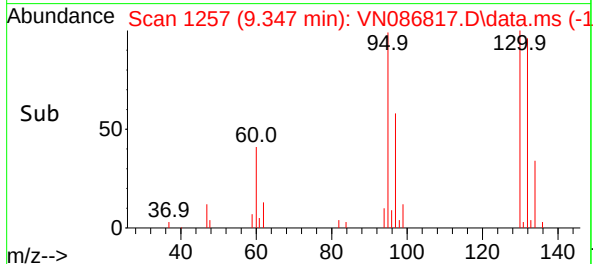
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



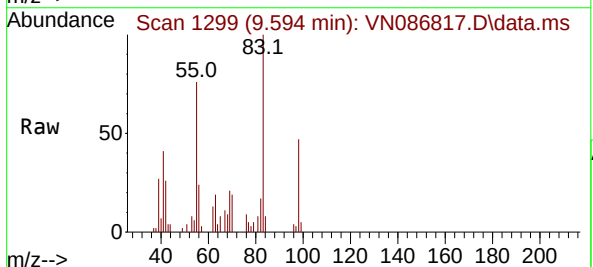
Tgt Ion:130 Resp: 13760
Ion Ratio Lower Upper
130 100
95 98.5 80.3 120.5

Manual Integrations
APPROVED

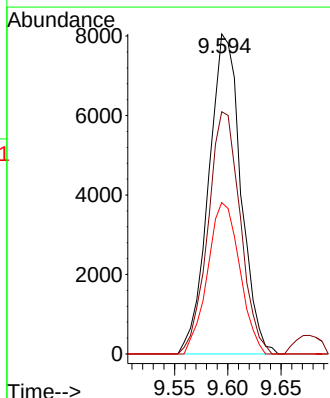
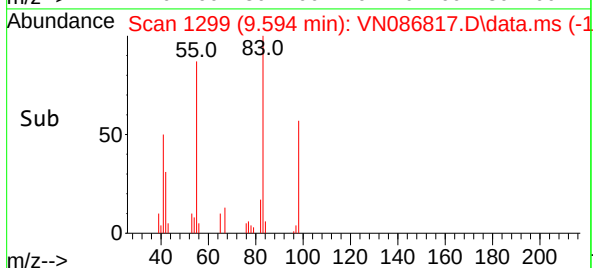
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

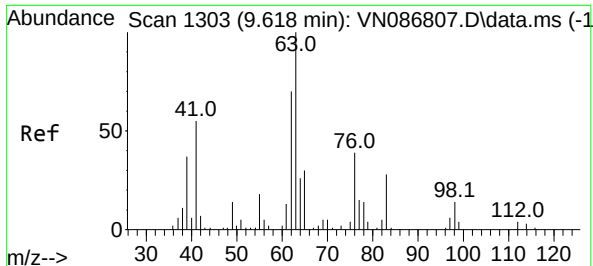


#38
Methylcyclohexane
Concen: 4.836 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02



Tgt Ion: 83 Resp: 16912
Ion Ratio Lower Upper
83 100
55 75.6 37.4 112.1
98 47.3 24.6 73.6





#39

1,2-Dichloropropane

Concen: 5.006 ug/l

RT: 9.612 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086817.D

Acq: 29 May 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 63 Resp: 1236

Ion Ratio Lower Upper

63 100

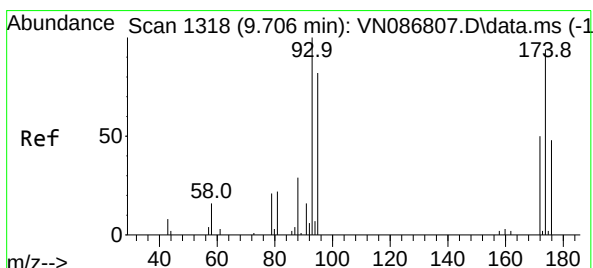
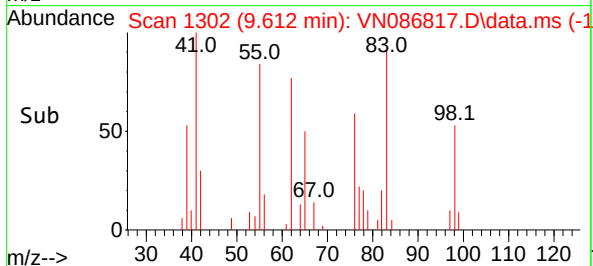
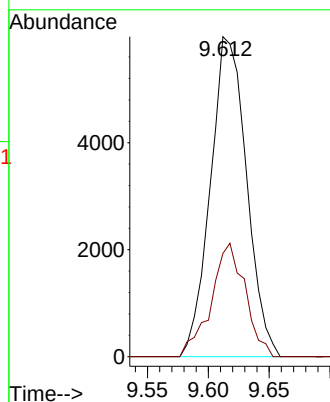
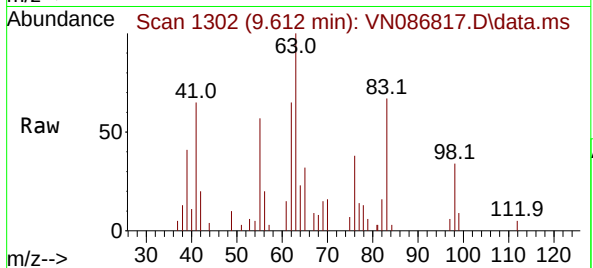
65 32.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#40

Dibromomethane

Concen: 5.027 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086817.D

Acq: 29 May 2025 16:02

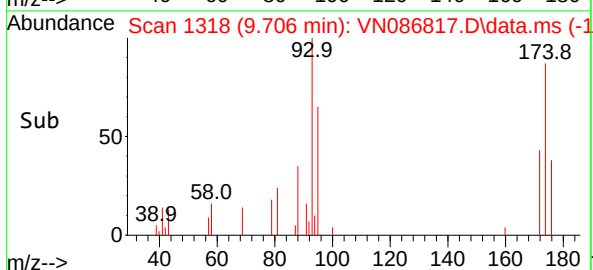
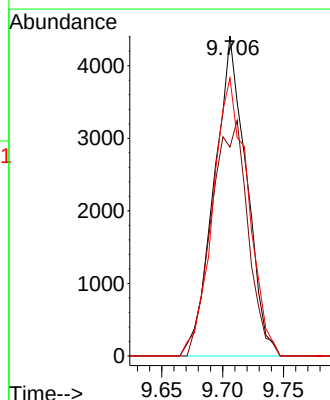
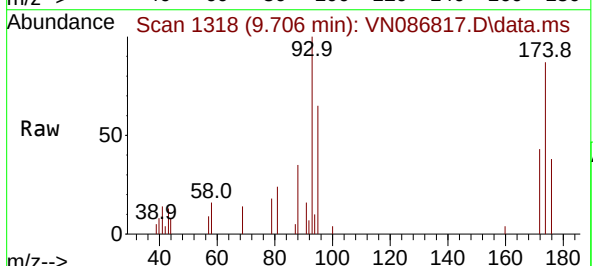
Tgt Ion: 93 Resp: 8117

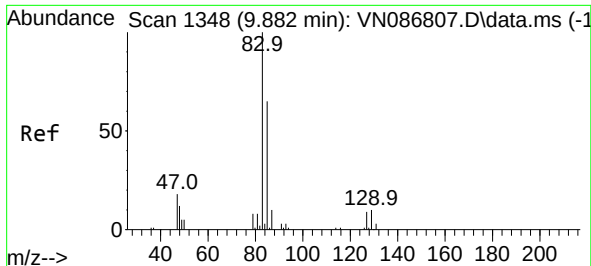
Ion Ratio Lower Upper

93 100

95 82.9 0.0 166.4

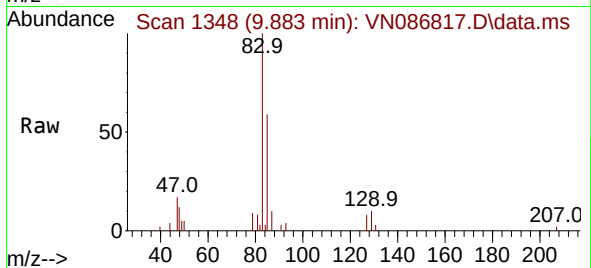
174 94.5 0.0 181.8





#41
Bromodichloromethane
Concen: 4.979 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

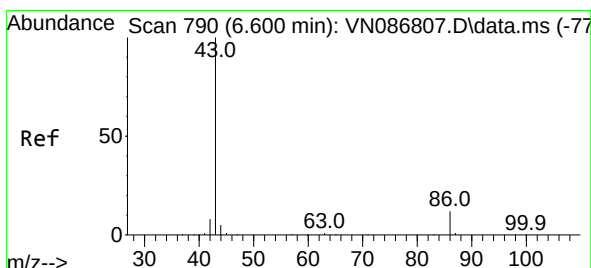
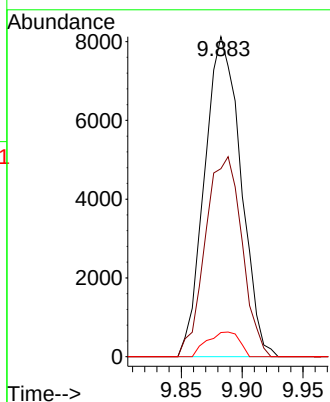
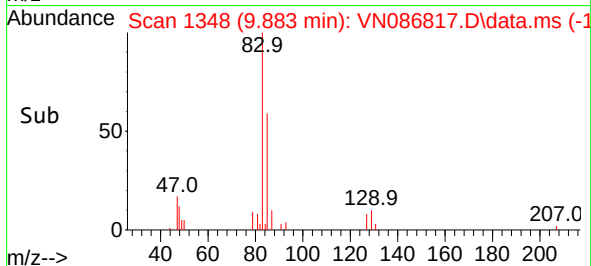
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 83 Resp: 16830
Ion Ratio Lower Upper
83 100
85 58.8 51.8 77.8
127 7.6 6.8 10.2

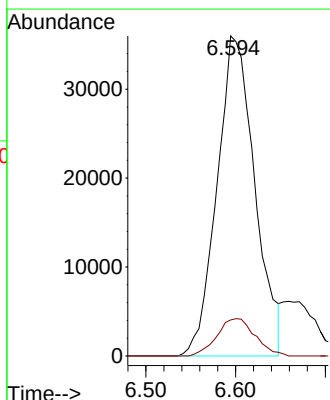
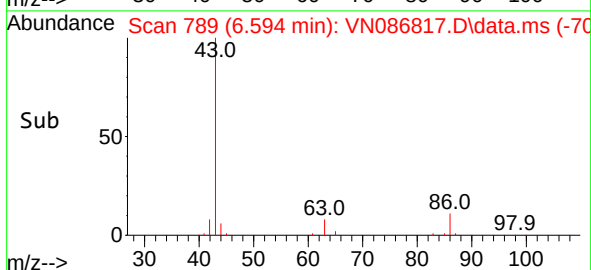
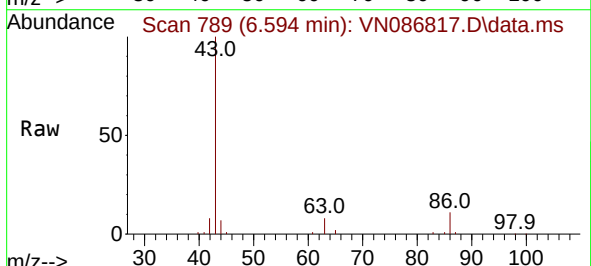
Manual Integrations
APPROVED

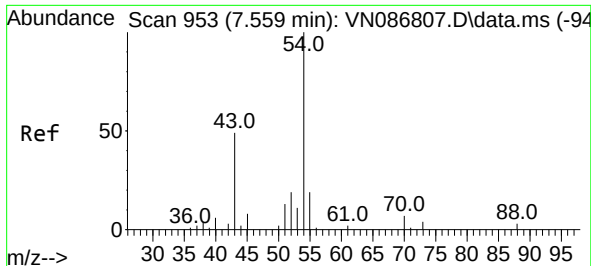
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#42
Vinyl Acetate
Concen: 26.127 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion: 43 Resp: 105173
Ion Ratio Lower Upper
43 100
86 11.8 9.5 14.3





#43

Ethyl Acetate

Concen: 5.100 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN086817.D

Acq: 29 May 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 1441

Ion Ratio Lower Upper

43 100

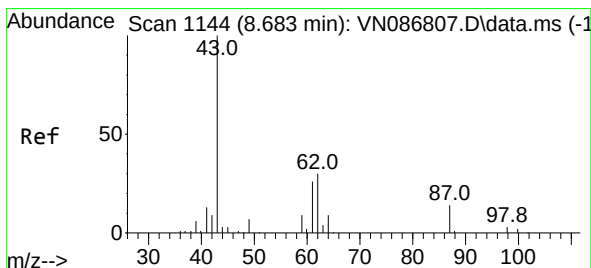
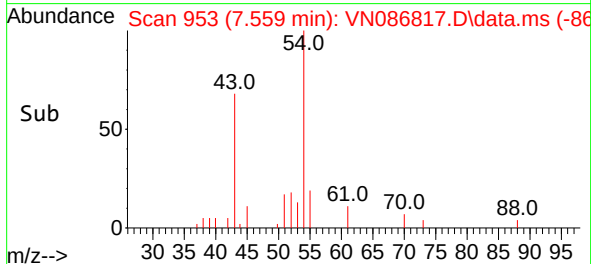
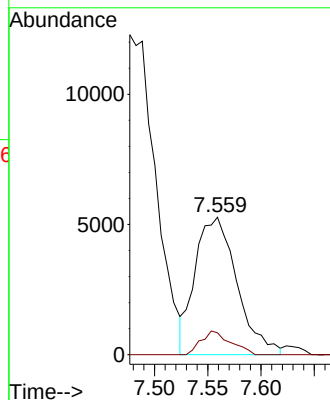
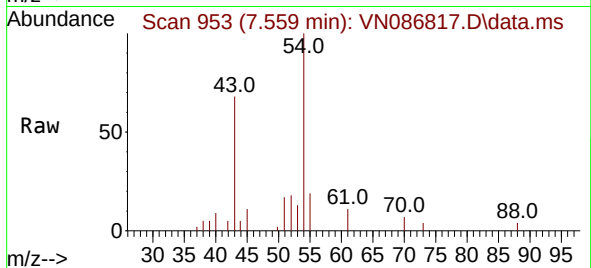
45 12.1 11.1 16.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#44

Isopropyl Acetate

Concen: 4.950 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN086817.D

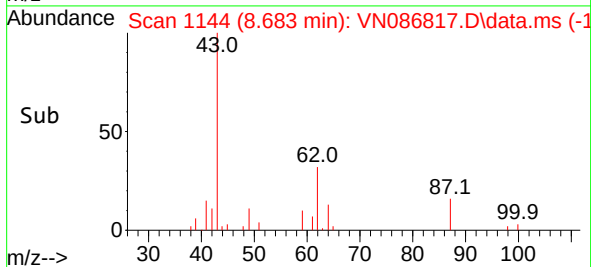
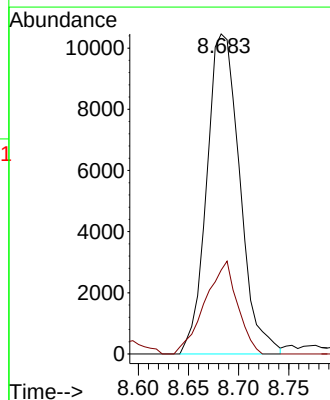
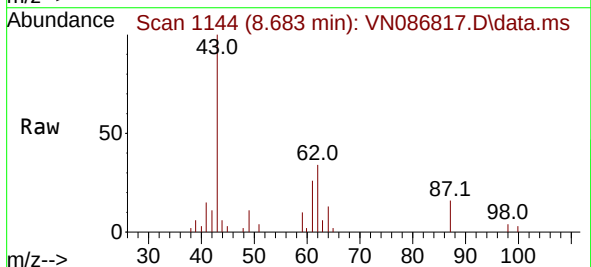
Acq: 29 May 2025 16:02

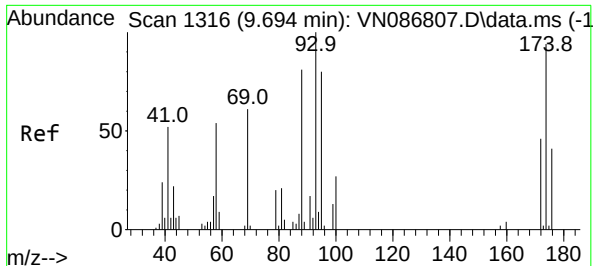
Tgt Ion: 43 Resp: 23995

Ion Ratio Lower Upper

43 100

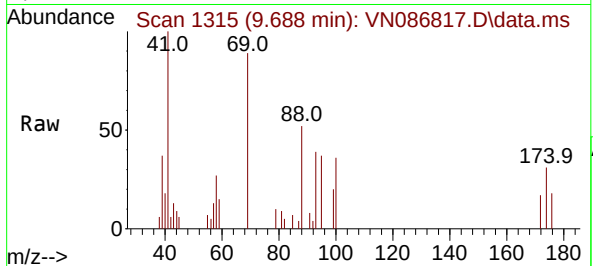
61 28.4 23.8 35.6





#45
1,4-Dioxane
Concen: 102.819 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

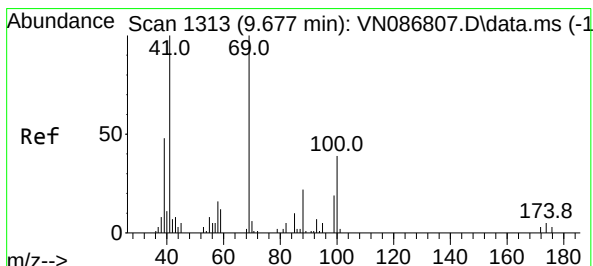
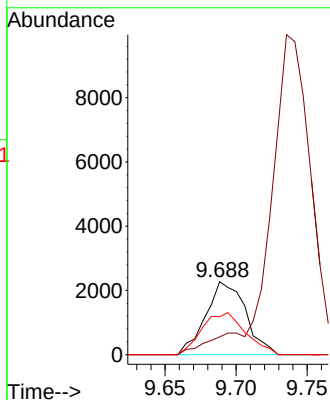
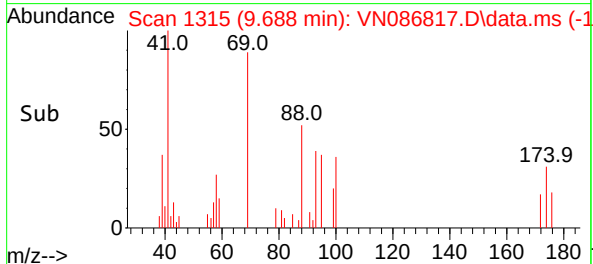
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



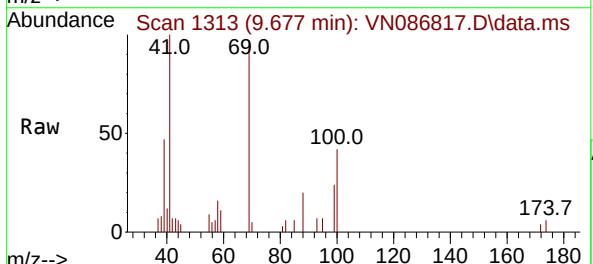
Tgt Ion: 88 Resp: 4430
Ion Ratio Lower Upper
88 100
43 28.8 23.0 34.6
58 62.8 57.6 86.4

Manual Integrations
APPROVED

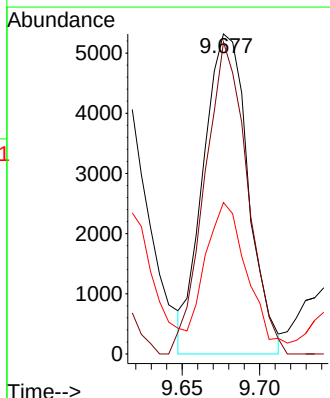
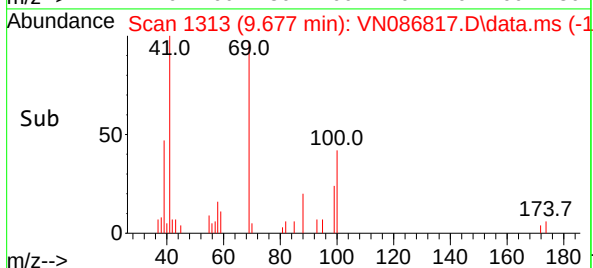
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

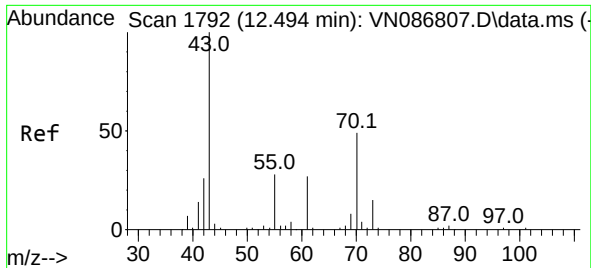


#46
Methyl methacrylate
Concen: 4.801 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02



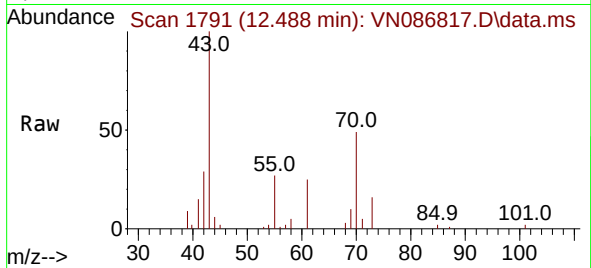
Tgt Ion: 41 Resp: 10730
Ion Ratio Lower Upper
41 100
69 98.8 48.0 144.2
39 45.2 23.8 71.2





#47
n-amyl acetate
Concen: 4.519 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

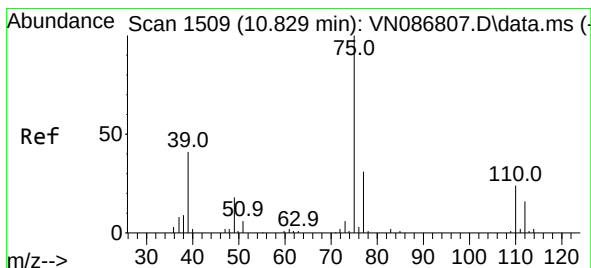
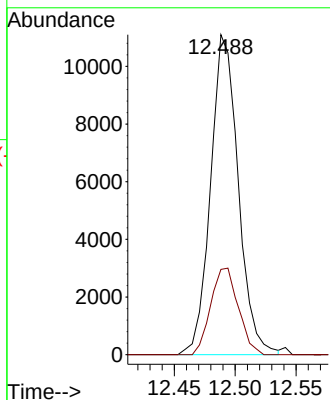
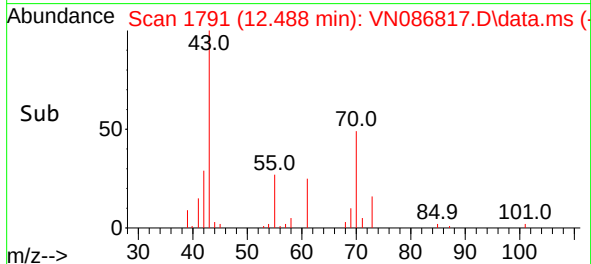
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 1758
Ion Ratio Lower Upper
43 100
55 26.9 21.7 32.5

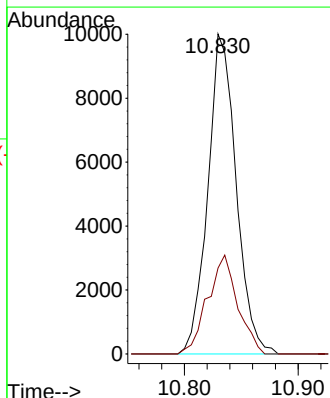
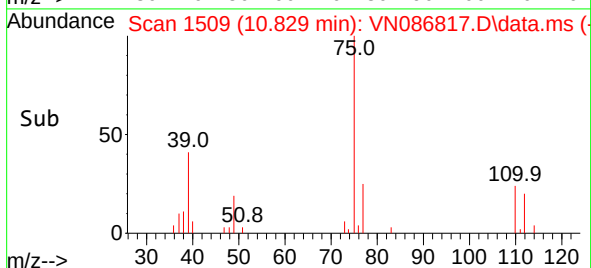
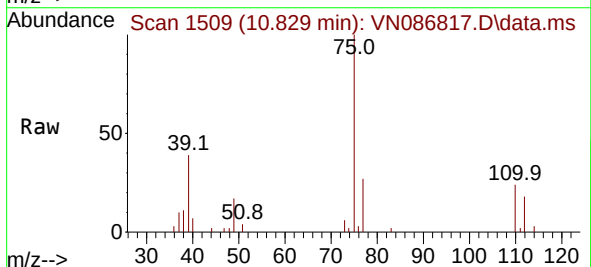
Manual Integrations
APPROVED

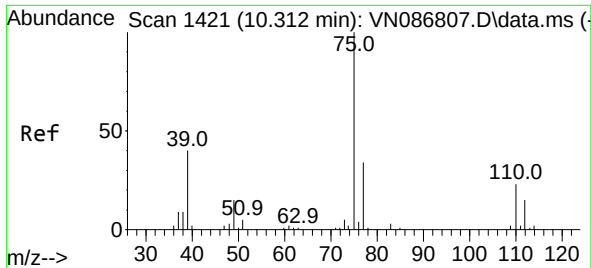
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#48
t-1,3-Dichloropropene
Concen: 4.795 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

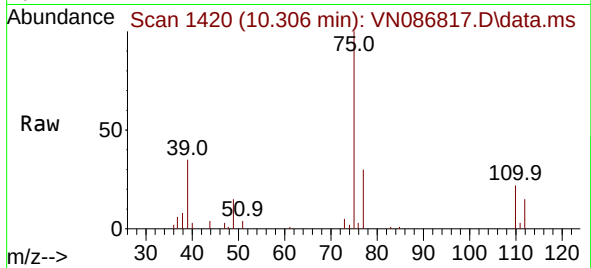
Tgt Ion: 75 Resp: 17343
Ion Ratio Lower Upper
75 100
77 26.8 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 4.891 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN086817.D
 Acq: 29 May 2025 16:02

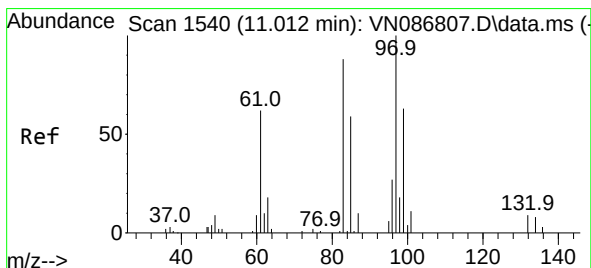
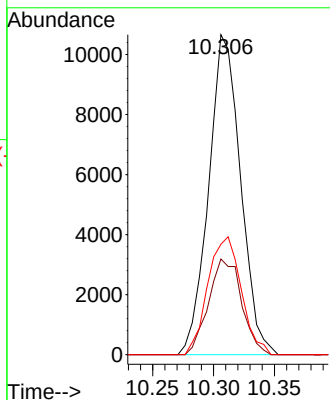
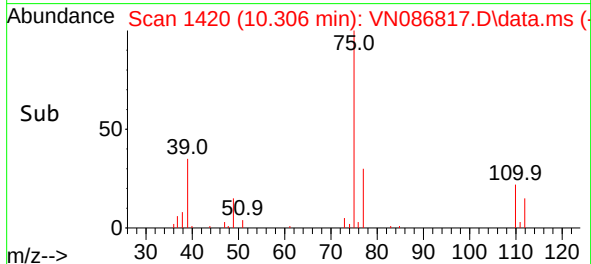
Instrument : MSVOA_N
 ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 75 Resp: 19458
 Ion Ratio Lower Upper
 75 100
 77 29.9 26.9 40.3
 39 34.5 31.8 47.6

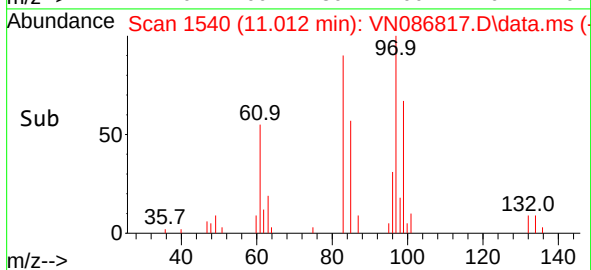
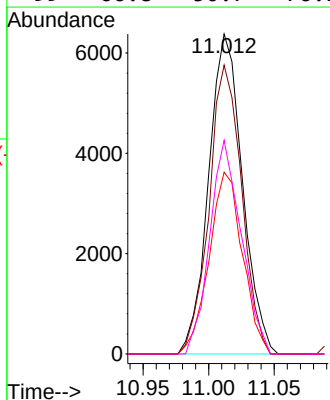
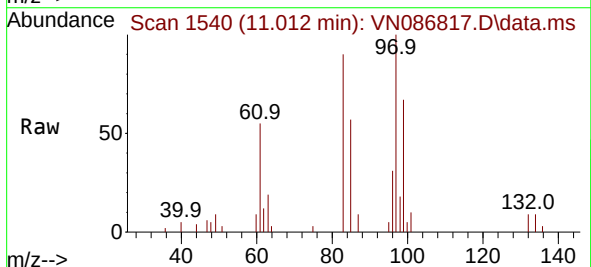
Manual Integrations
 APPROVED

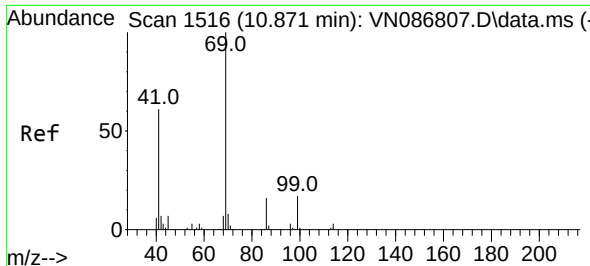
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025



#50
 1,1,2-Trichloroethane
 Concen: 5.027 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086817.D
 Acq: 29 May 2025 16:02

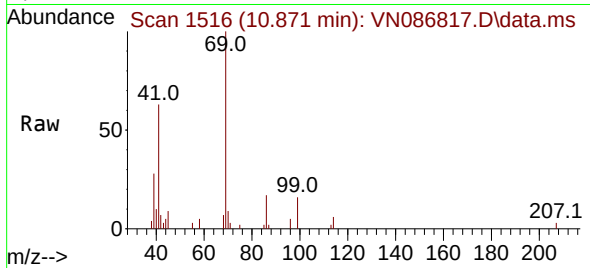
Tgt Ion: 97 Resp: 11432
 Ion Ratio Lower Upper
 97 100
 83 90.3 70.6 105.8
 85 56.8 46.8 70.2
 99 66.8 50.7 76.1





#51
Ethyl methacrylate
Concen: 4.499 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

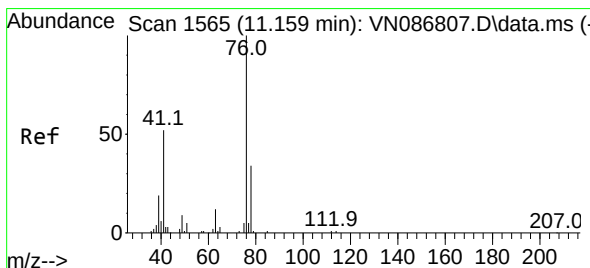
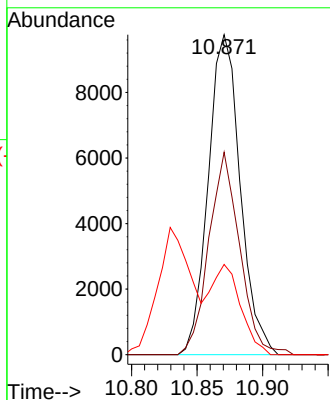
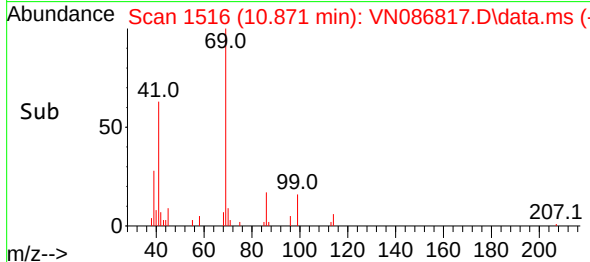
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



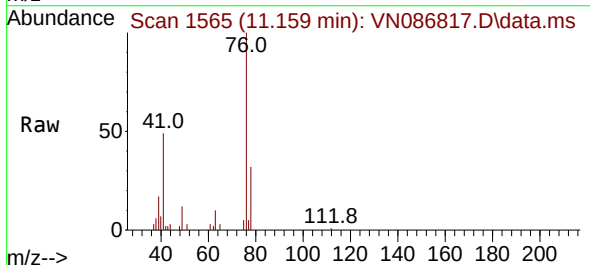
Tgt Ion: 69 Resp: 1657
Ion Ratio Lower Upper
69 100
41 63.3 30.5 91.5
39 28.2 14.3 42.9

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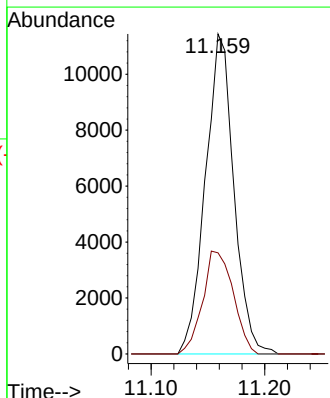
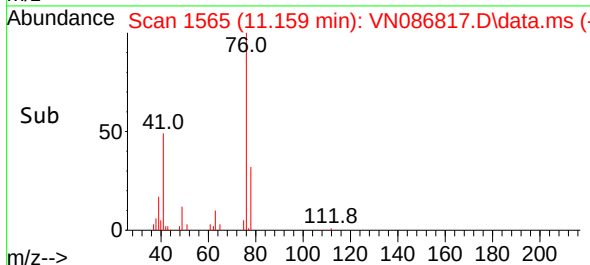
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

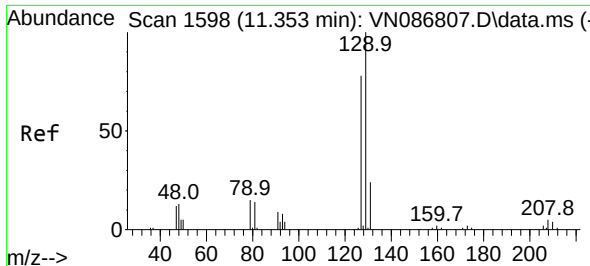


#52
1,3-Dichloropropane
Concen: 4.929 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02



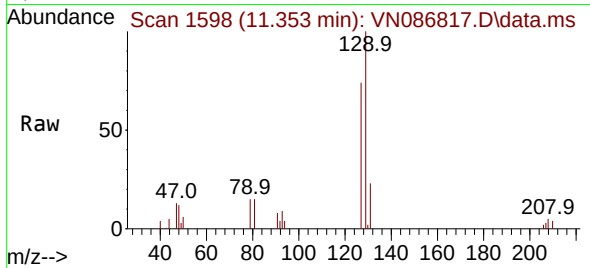
Tgt Ion: 76 Resp: 19896
Ion Ratio Lower Upper
76 100
78 34.5 0.0 64.6





#53
Dibromochloromethane
Concen: 4.858 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

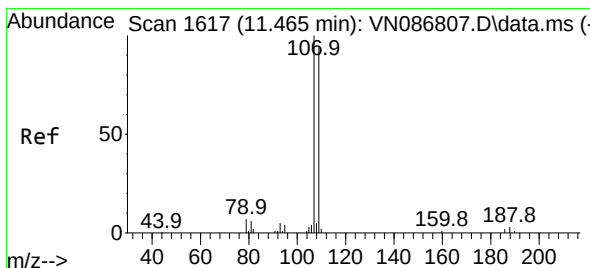
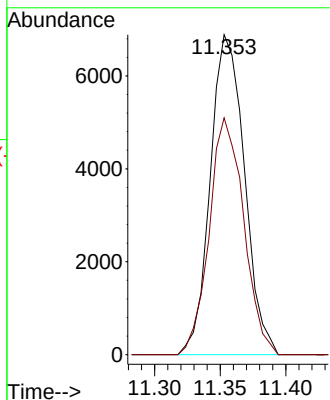
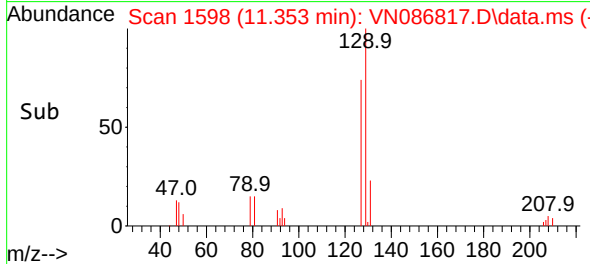
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



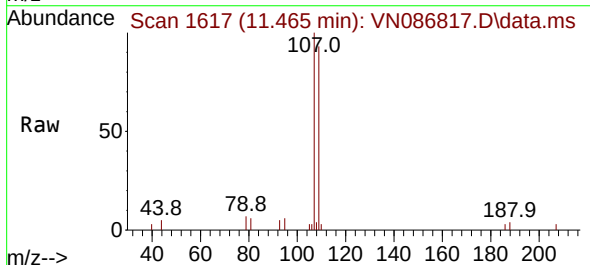
Tgt Ion:129 Resp: 12486
Ion Ratio Lower Upper
129 100
127 74.5 39.1 117.3

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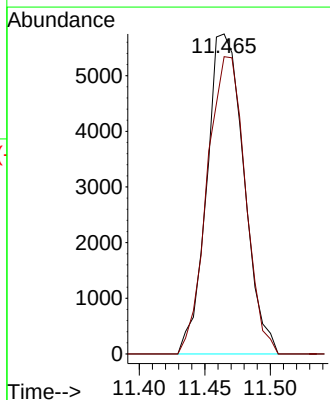
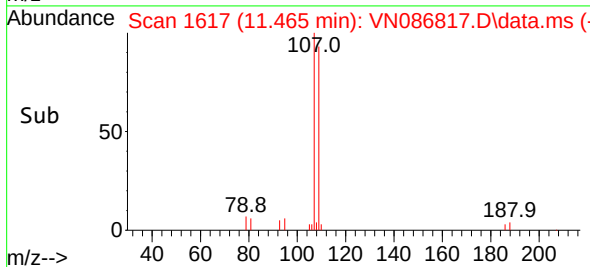
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

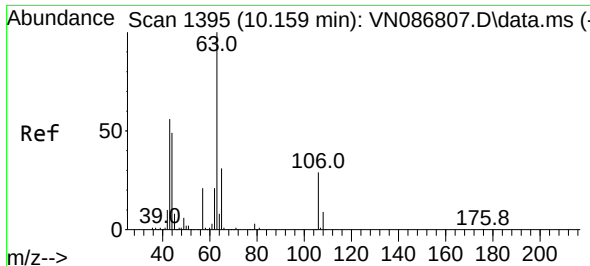


#54
1,2-Dibromoethane
Concen: 4.865 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02



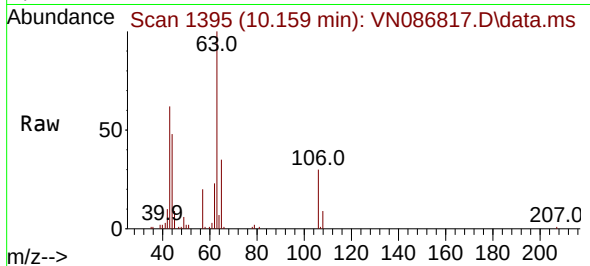
Tgt Ion:107 Resp: 11309
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6





#55
2-Chloroethyl vinyl ether
Concen: 22.512 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

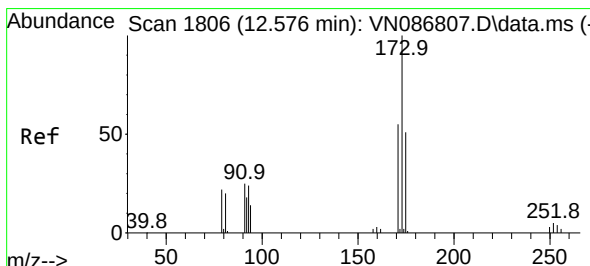
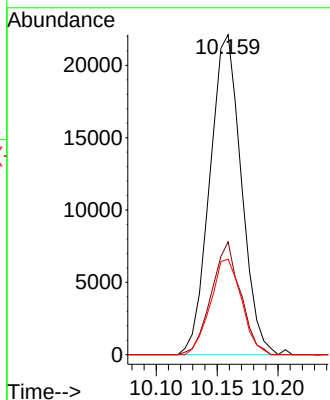
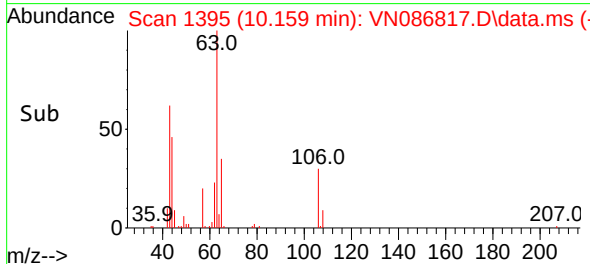
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 63 Resp: 3980
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 29.5 22.7 34.1

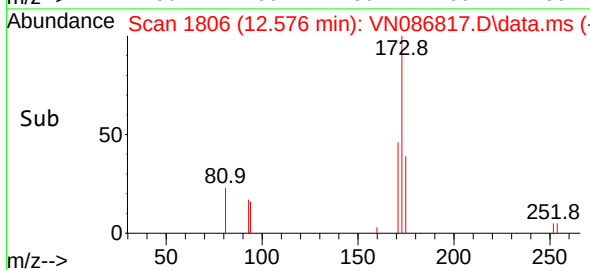
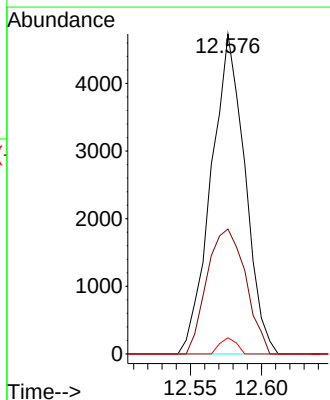
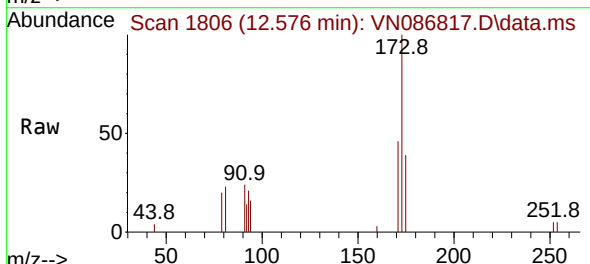
Manual Integrations
APPROVED

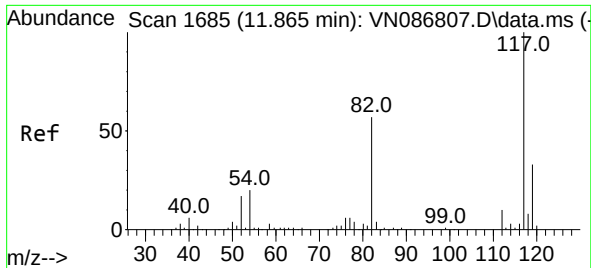
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#56
Bromoform
Concen: 4.830 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

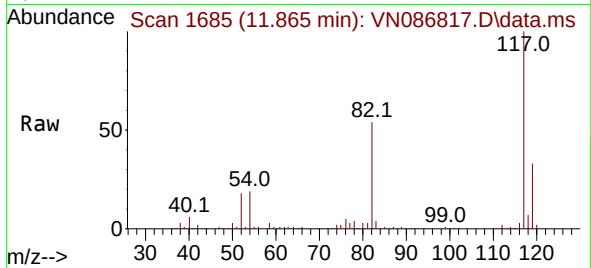
Tgt Ion:173 Resp: 7822
Ion Ratio Lower Upper
173 100
175 44.8 39.7 59.5
254 2.5 3.5 5.3#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

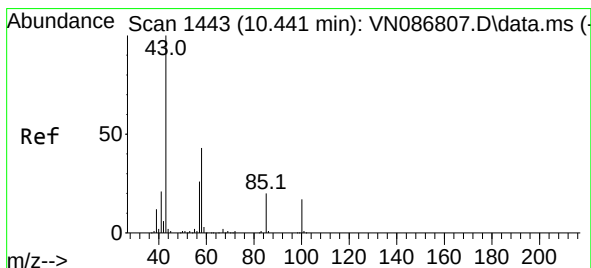
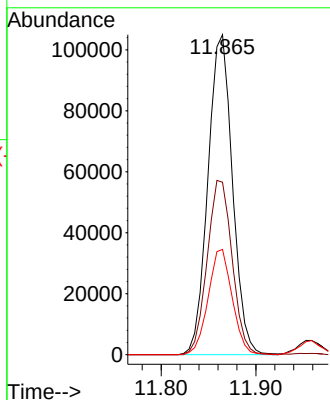
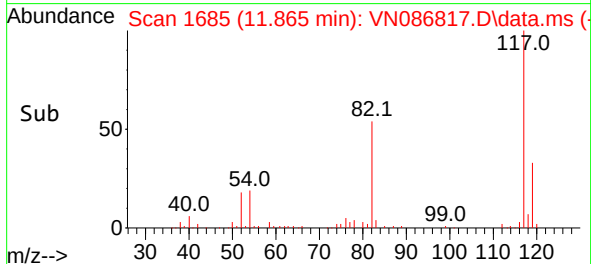
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:117 Resp: 188849
Ion Ratio Lower Upper
117 100
82 55.4 44.7 67.1
119 32.3 25.6 38.4

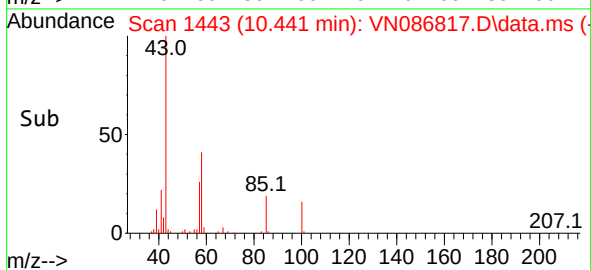
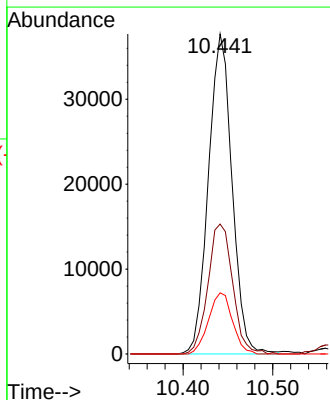
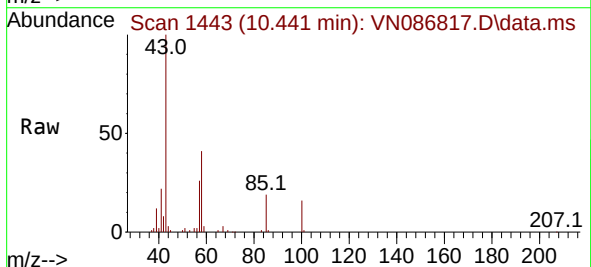
Manual Integrations
APPROVED

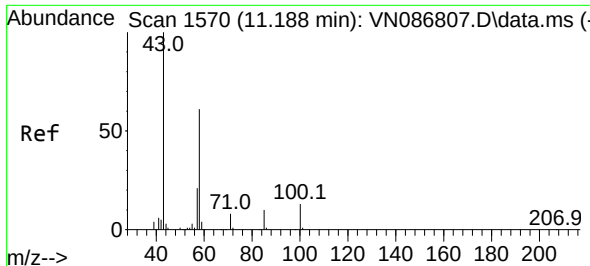
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#58
4-Methyl-2-Pentanone
Concen: 24.847 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

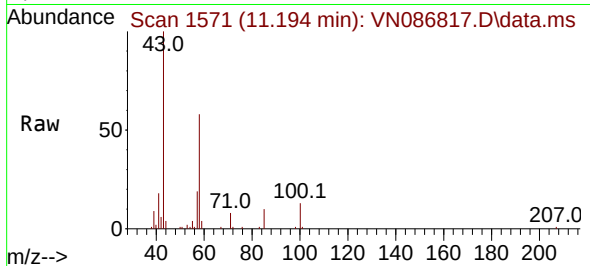
Tgt Ion: 43 Resp: 68853
Ion Ratio Lower Upper
43 100
58 42.3 34.5 51.7
85 19.4 15.8 23.8





#59
2-Hexanone
Concen: 23.945 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

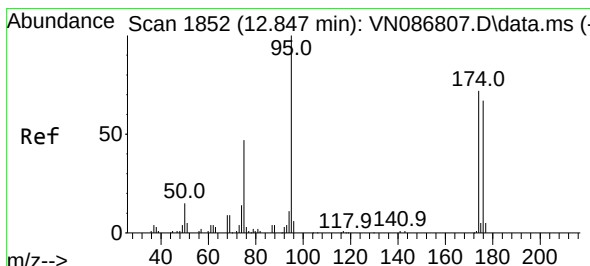
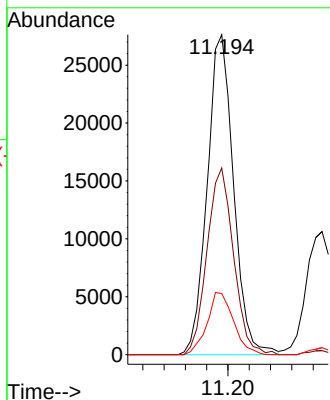
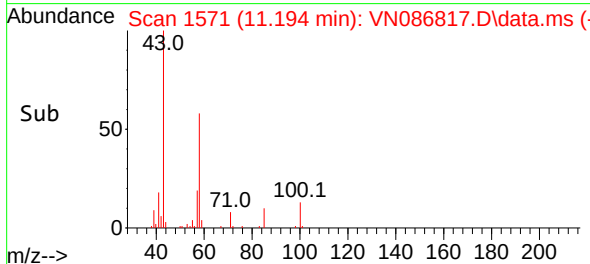
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion: 43 Resp: 47529
Ion Ratio Lower Upper
43 100
58 58.6 49.1 73.7
57 19.5 16.6 25.0

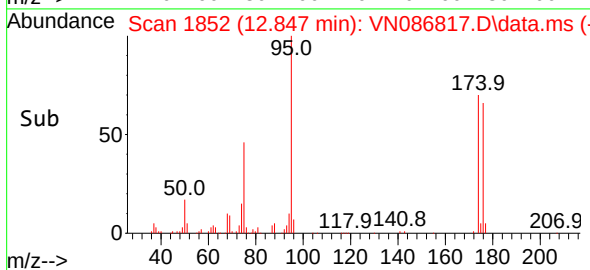
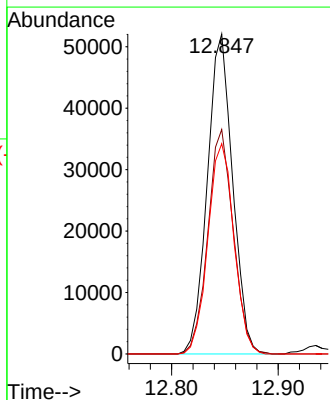
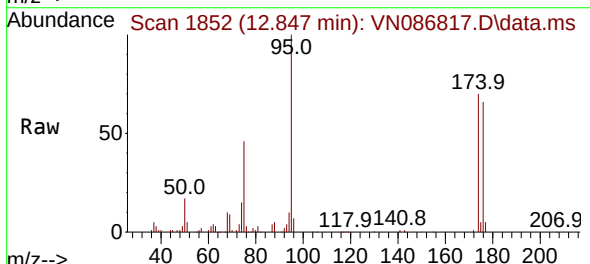
Manual Integrations
APPROVED

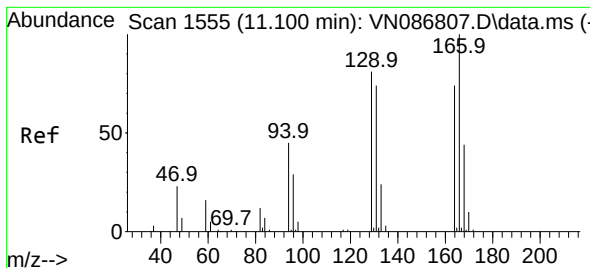
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#60
4-Bromofluorobenzene
Concen: 29.013 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion: 95 Resp: 86022
Ion Ratio Lower Upper
95 100
174 70.5 56.2 84.4
176 67.5 53.4 80.0





#61

Tetrachloroethene

Concen: 5.018 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN086817.D

Acq: 29 May 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

Tgt Ion:164 Resp: 1593

Ion Ratio Lower Upper

164 100

166 112.9 107.5 161.3

129 94.7 87.4 131.2

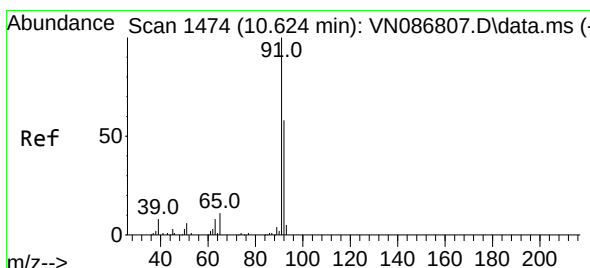
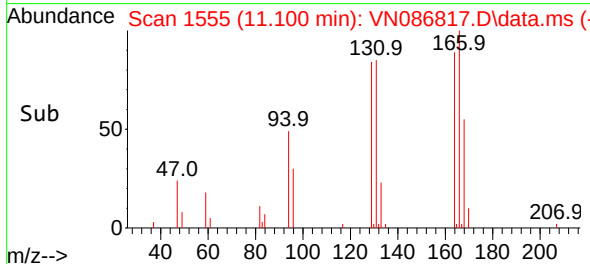
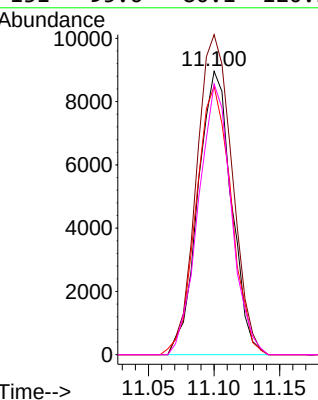
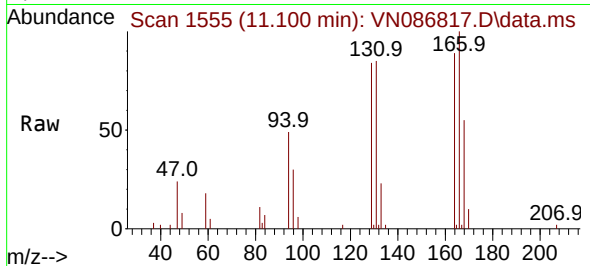
131 95.6 80.1 120.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#62

Toluene

Concen: 5.172 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VN086817.D

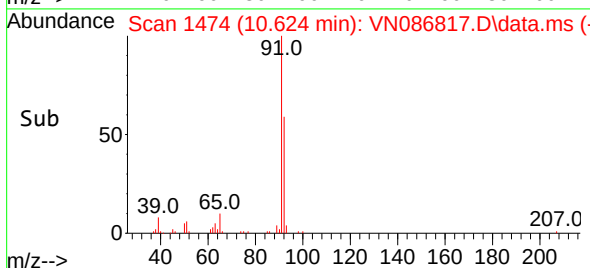
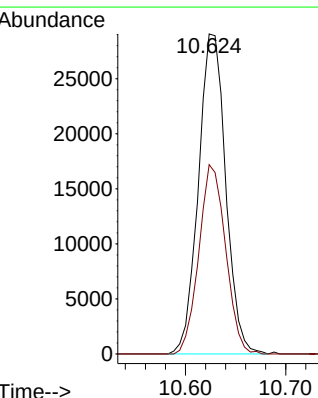
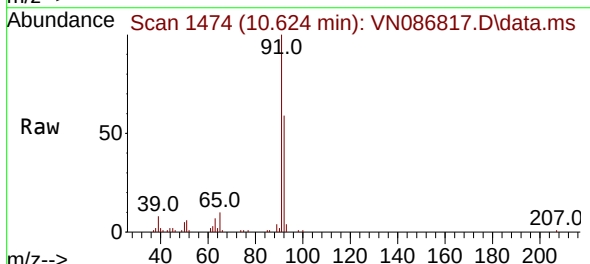
Acq: 29 May 2025 16:02

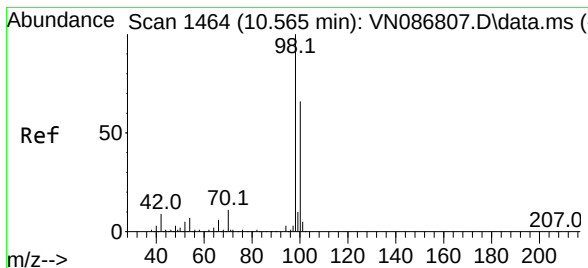
Tgt Ion: 91 Resp: 55008

Ion Ratio Lower Upper

91 100

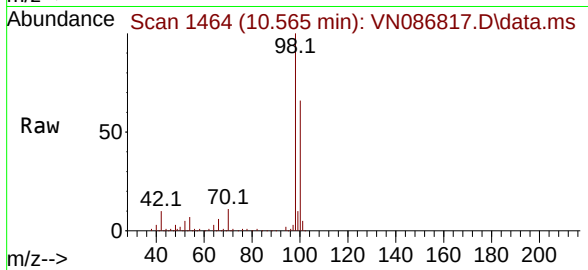
92 57.9 46.6 70.0





#63
Toluene-d8
Concen: 30.446 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

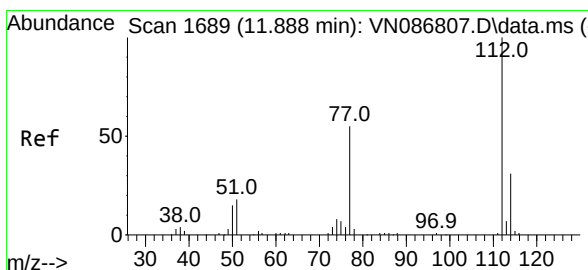
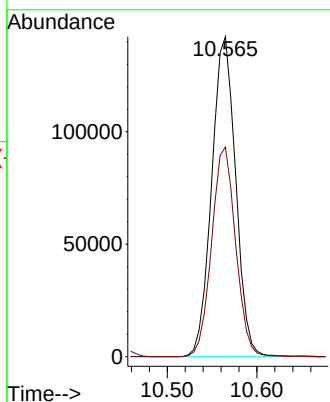
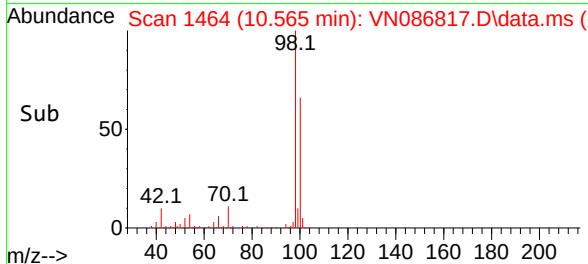
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 98 Resp: 26390
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

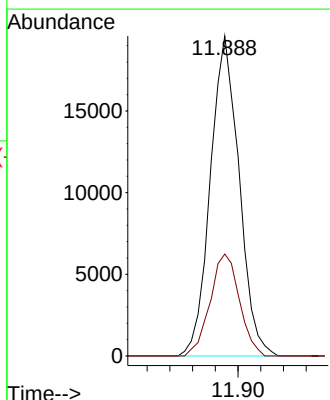
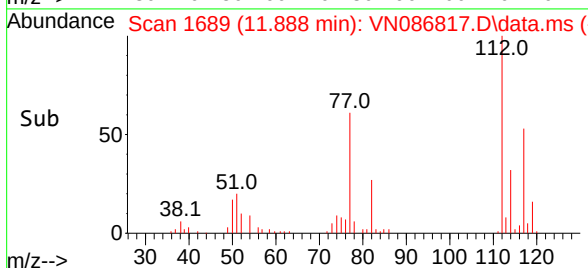
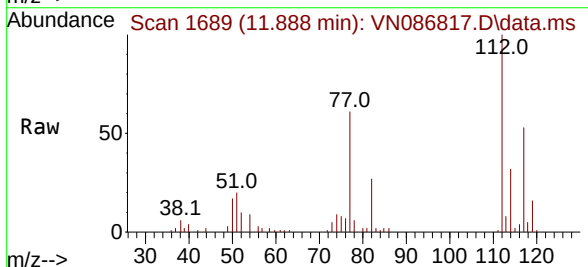
Manual Integrations
APPROVED

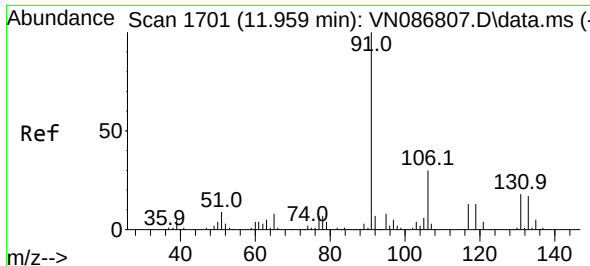
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#64
Chlorobenzene
Concen: 5.081 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion:112 Resp: 34464
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7





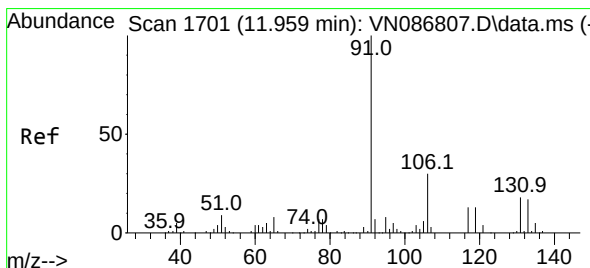
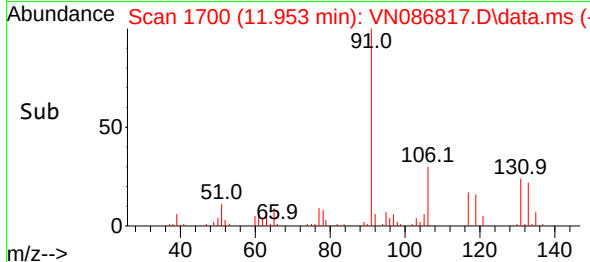
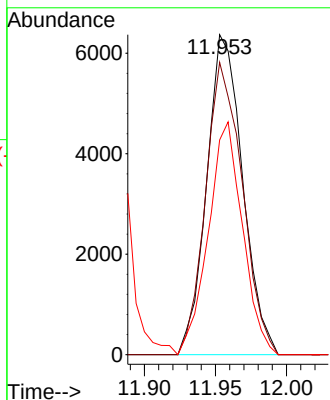
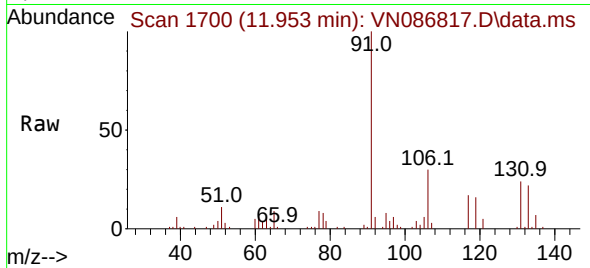
#65
1,1,1,2-Tetrachloroethane
Concen: 5.038 ug/l
RT: 11.953 min Scan# 11220
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

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

Tgt Ion:131 Resp: 11220
Ion Ratio Lower Upper
131 100
133 93.1 0.0 191.0
119 69.2 0.0 140.8

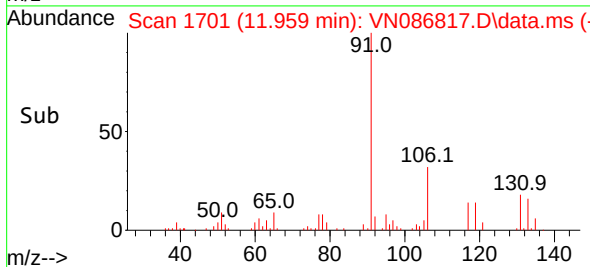
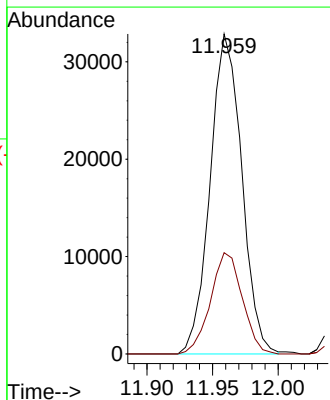
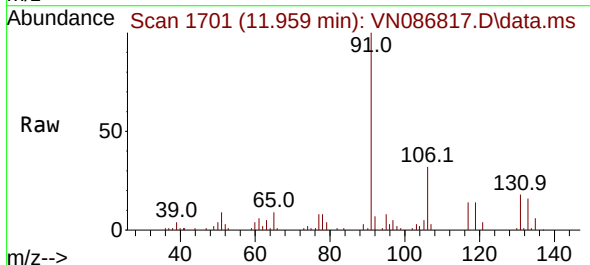
Manual Integrations
APPROVED

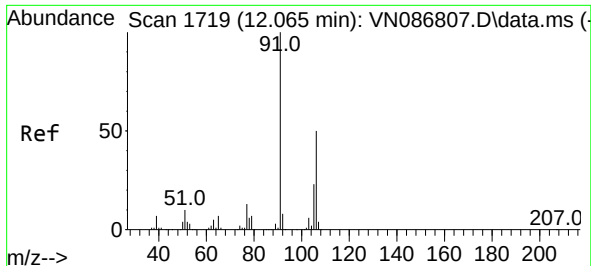
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#66
Ethyl Benzene
Concen: 4.793 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion: 91 Resp: 55135
Ion Ratio Lower Upper
91 100
106 31.6 23.6 35.4





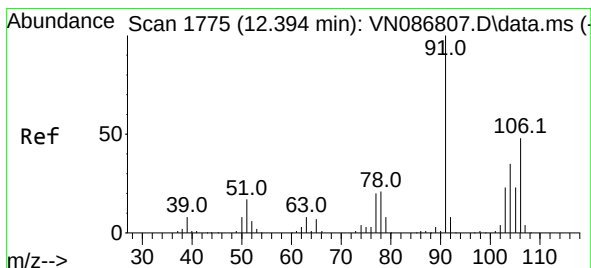
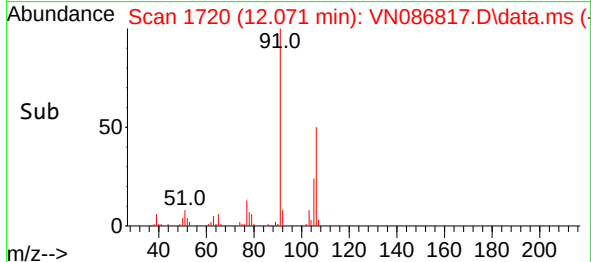
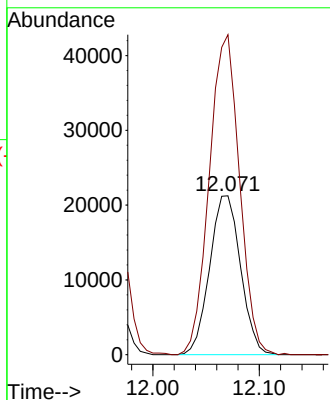
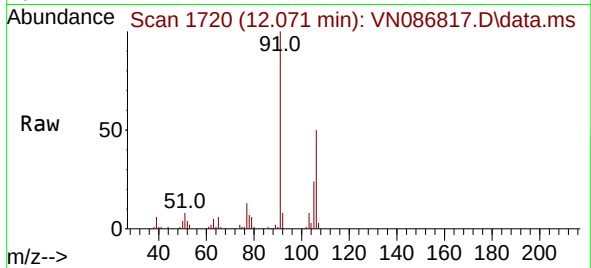
#67
m/p-Xylenes
Concen: 9.484 ug/l
RT: 12.071 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

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

Tgt Ion:106 Resp: 42814
Ion Ratio Lower Upper
106 100
91 197.0 160.7 241.1

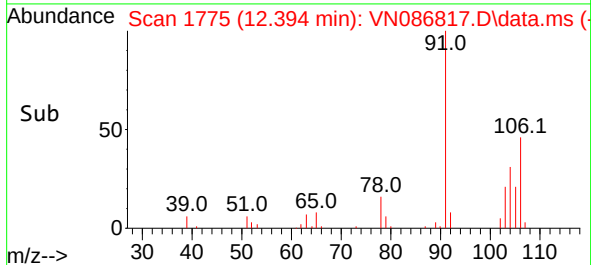
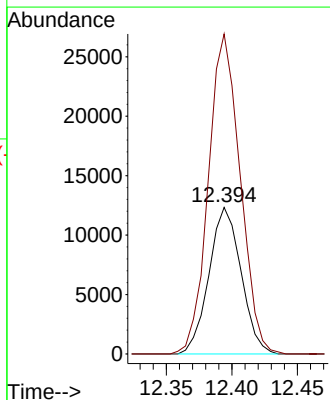
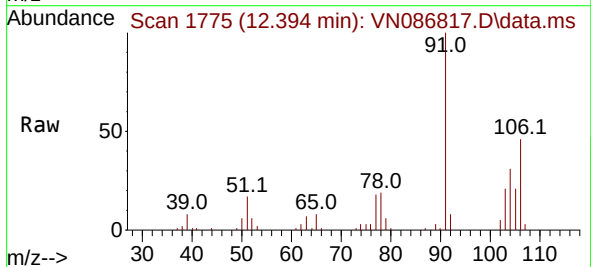
Manual Integrations
APPROVED

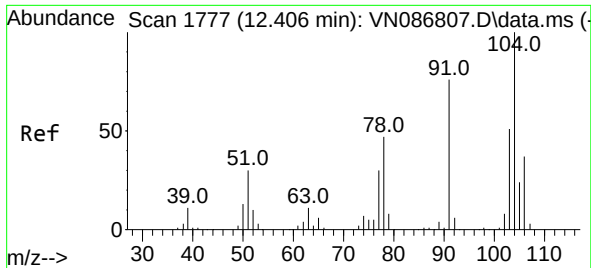
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#68
o-Xylene
Concen: 4.800 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion:106 Resp: 20999
Ion Ratio Lower Upper
106 100
91 216.3 106.3 318.9





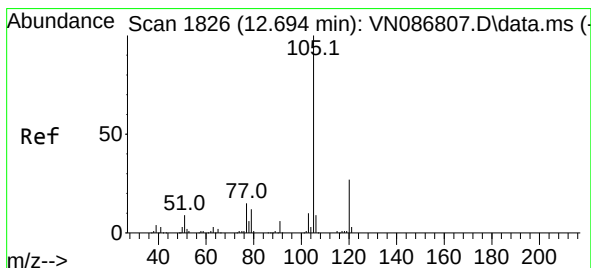
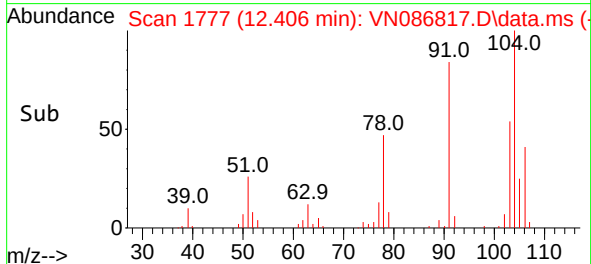
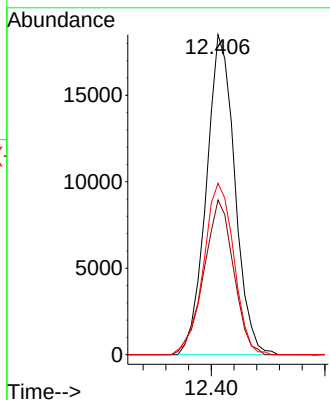
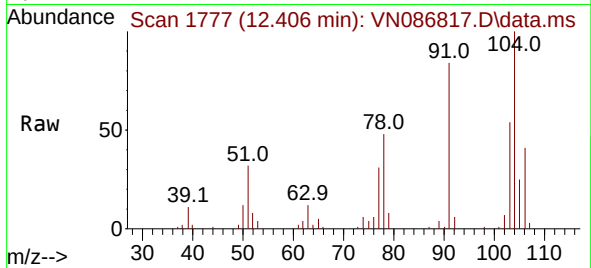
#69
Styrene
Concen: 4.416 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

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

Tgt Ion:104 Resp: 32190
Ion Ratio Lower Upper
104 100
78 50.4 38.6 57.8
103 57.0 43.2 64.8

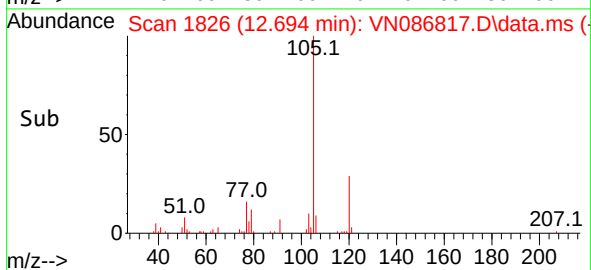
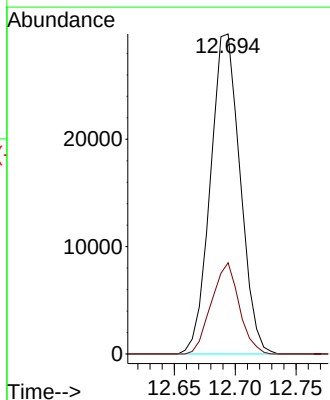
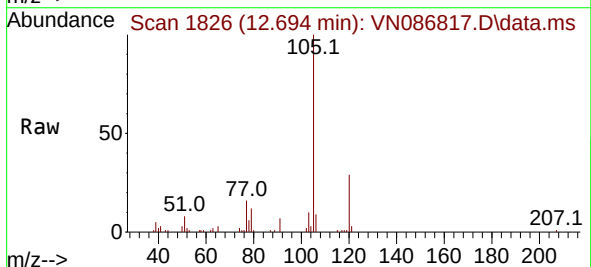
Manual Integrations
APPROVED

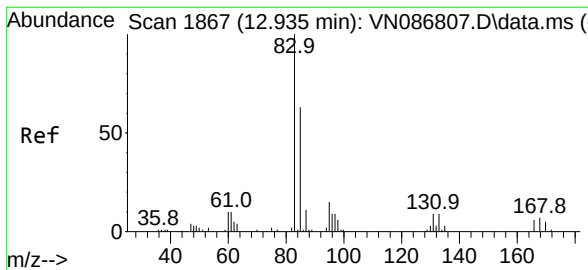
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#70
Isopropylbenzene
Concen: 4.875 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

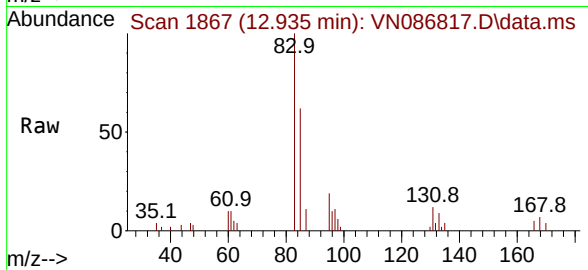
Tgt Ion:105 Resp: 50725
Ion Ratio Lower Upper
105 100
120 26.5 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 5.222 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

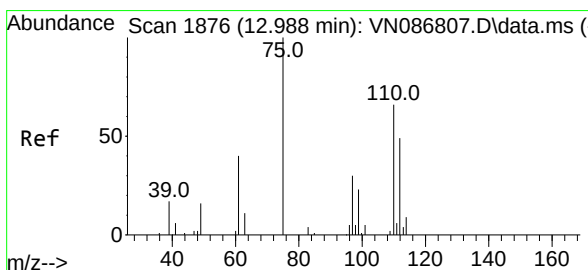
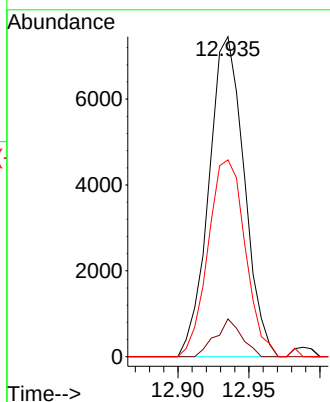
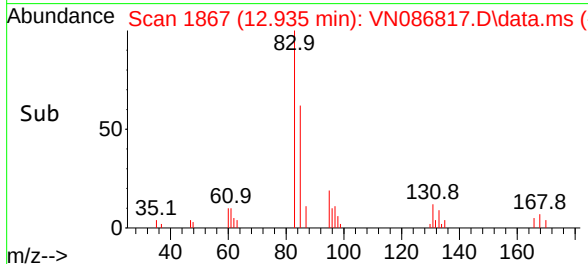
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



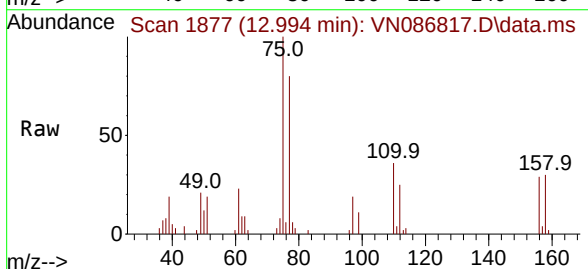
Tgt Ion: 83 Resp: 12919
Ion Ratio Lower Upper
83 100
131 8.7 5.0 15.0
85 64.4 32.6 97.7

Manual Integrations
APPROVED

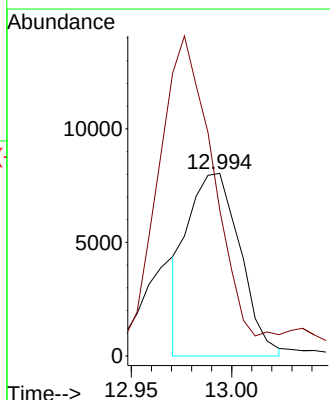
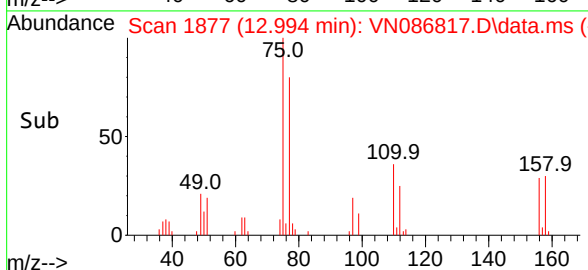
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

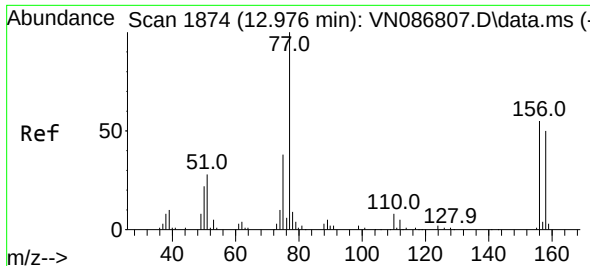


#72
1,2,3-Trichloropropane
Concen: 5.033 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02



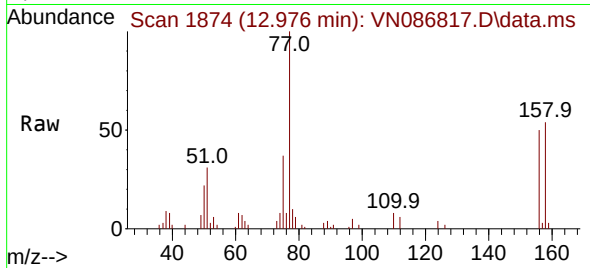
Tgt Ion: 75 Resp: 14594
Ion Ratio Lower Upper
75 100
77 189.0 0.0 390.6





#73
Bromobenzene
Concen: 4.856 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

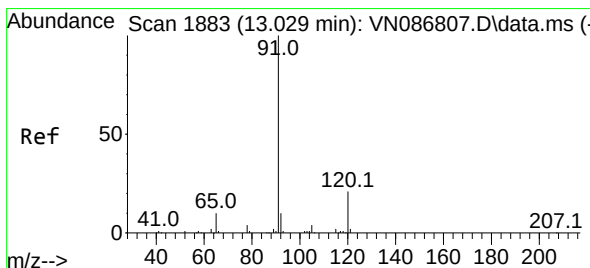
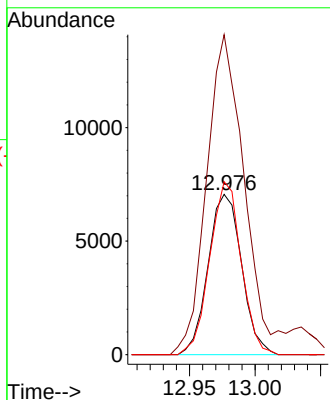
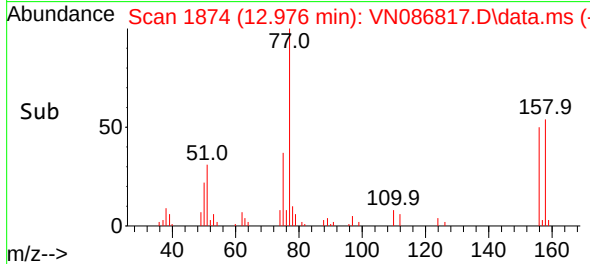
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:156 Resp: 12558
Ion Ratio Lower Upper
156 100
77 219.6 0.0 442.0
158 101.0 0.0 191.8

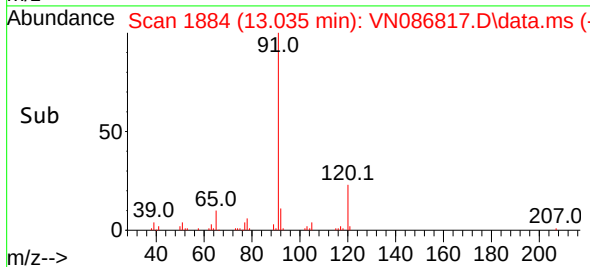
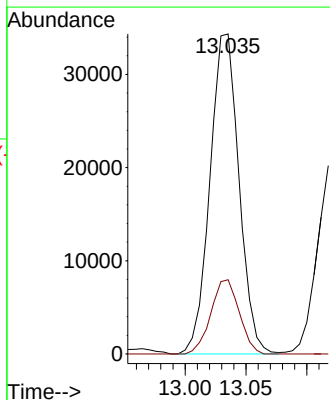
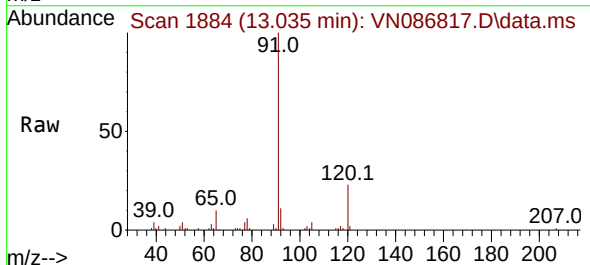
Manual Integrations
APPROVED

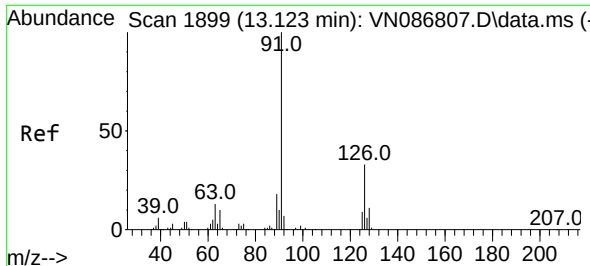
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#74
n-propylbenzene
Concen: 4.626 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion: 91 Resp: 57013
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.6





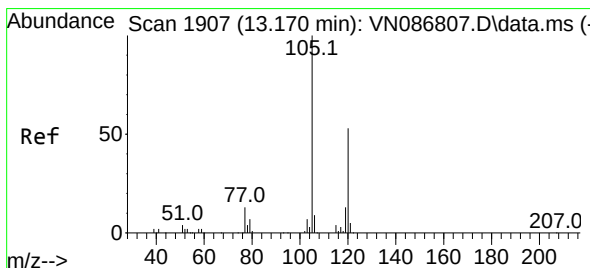
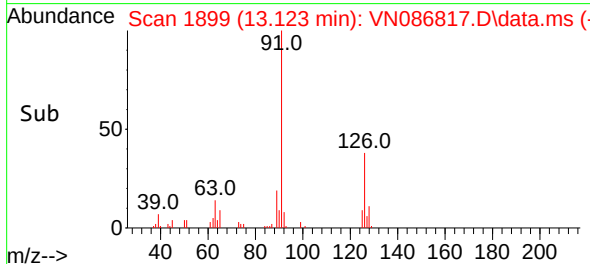
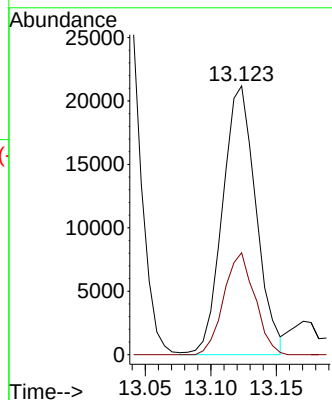
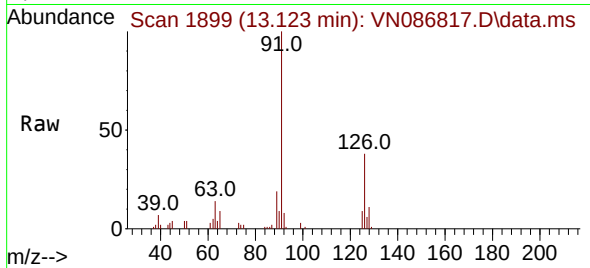
#75
2-Chlorotoluene
Concen: 4.755 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

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

Tgt Ion: 91 Resp: 37610
Ion Ratio Lower Upper
91 100
126 35.1 0.0 64.4

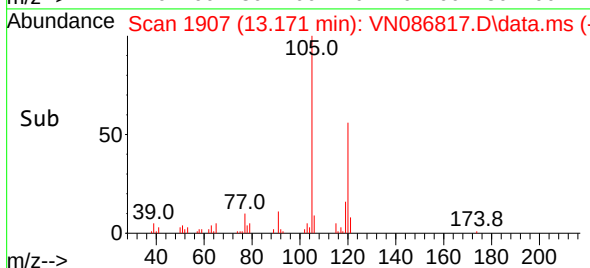
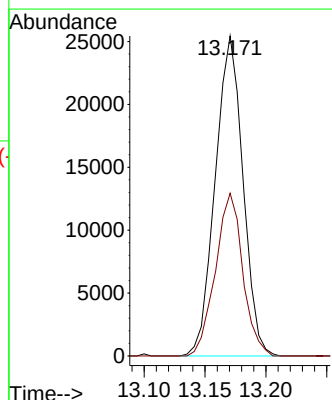
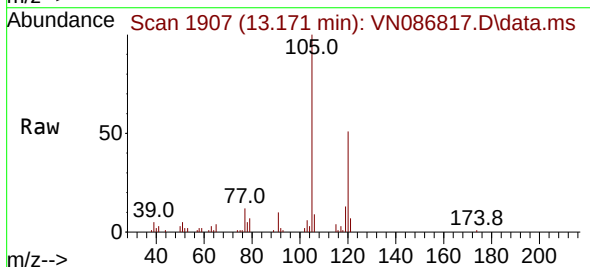
Manual Integrations
APPROVED

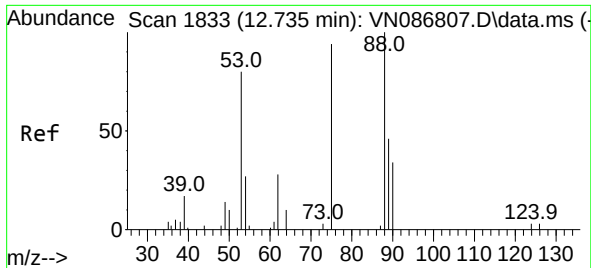
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#76
1,3,5-Trimethylbenzene
Concen: 4.650 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

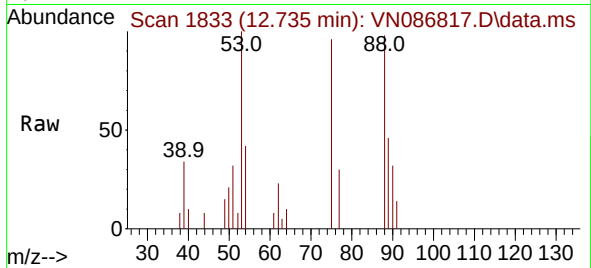
Tgt Ion:105 Resp: 40252
Ion Ratio Lower Upper
105 100
120 50.1 0.0 101.4





#77
t-1,4-Dichloro-2-butene
Concen: 4.656 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

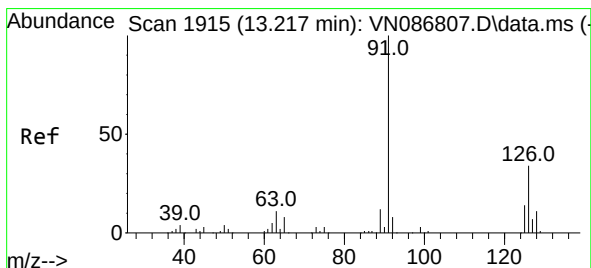
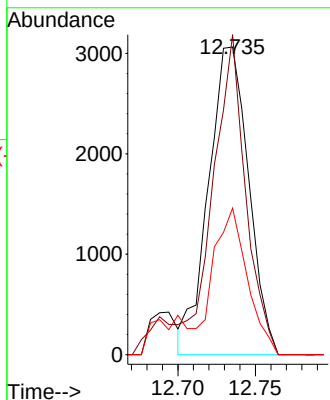
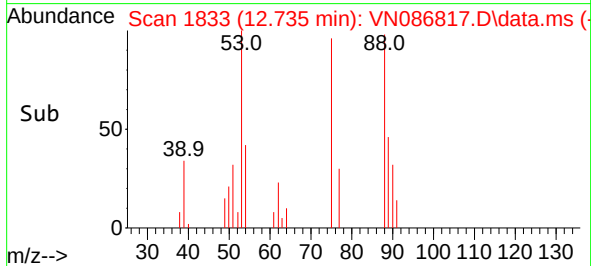
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT2-2025



Tgt Ion: 75 Resp: 5529
Ion Ratio Lower Upper
75 100
53 104.0 43.0 128.8
89 47.6 25.4 76.2

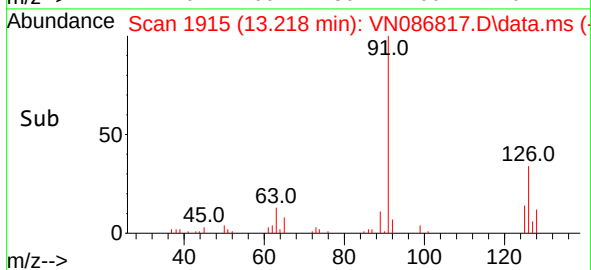
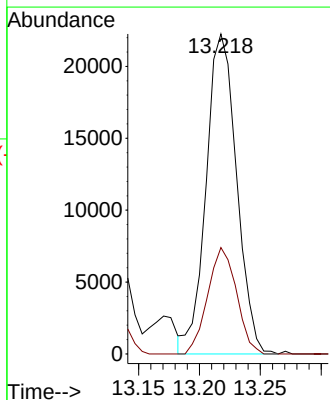
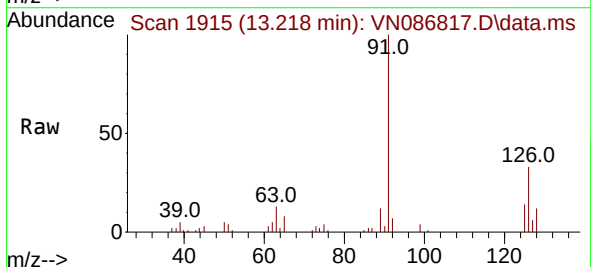
Manual Integrations
APPROVED

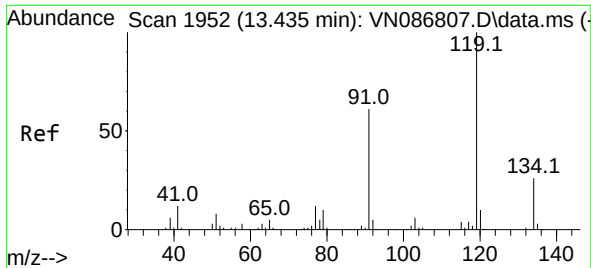
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#78
4-Chlorotoluene
Concen: 4.954 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion: 91 Resp: 38825
Ion Ratio Lower Upper
91 100
126 31.3 0.0 66.6





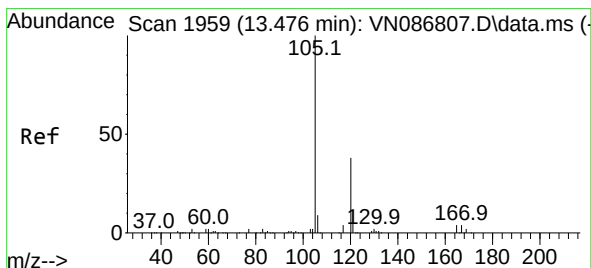
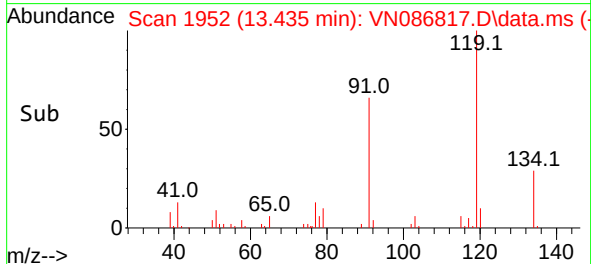
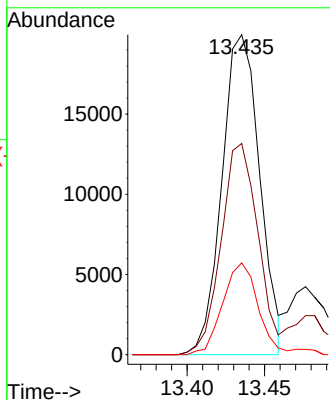
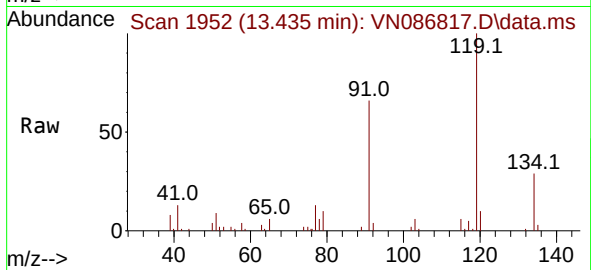
#79
tert-butylbenzene
Concen: 4.525 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

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

Tgt Ion:119 Resp: 33860
Ion Ratio Lower Upper
119 100
91 64.3 0.0 130.4
134 26.7 0.0 50.6

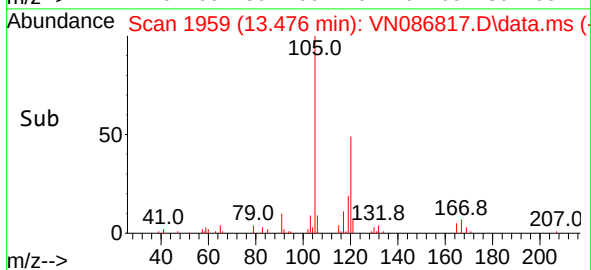
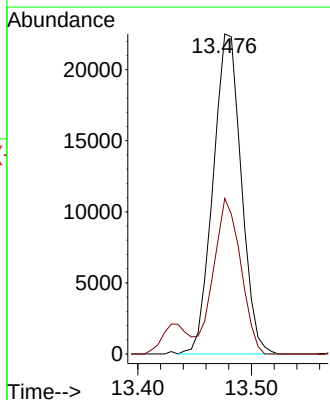
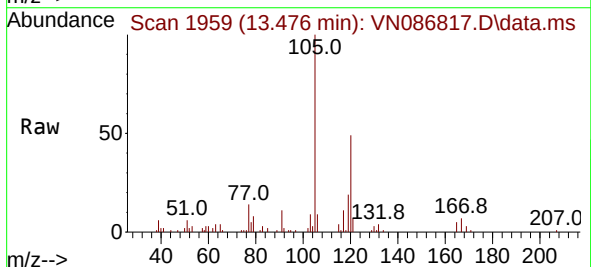
Manual Integrations
APPROVED

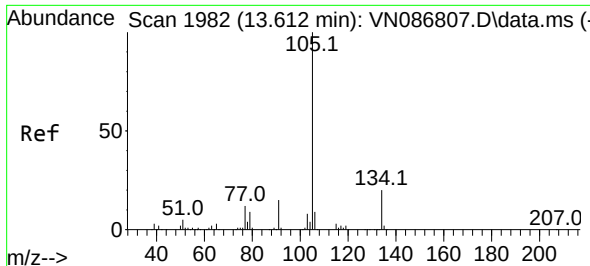
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#80
1,2,4-Trimethylbenzene
Concen: 4.470 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

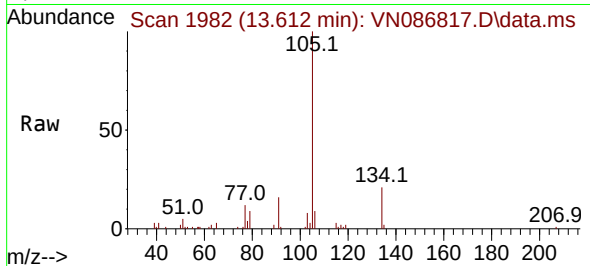
Tgt Ion:105 Resp: 38844
Ion Ratio Lower Upper
105 100
120 47.2 0.0 92.2





#81
 sec-Butylbenzene
 Concen: 4.639 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086817.D
 Acq: 29 May 2025 16:02

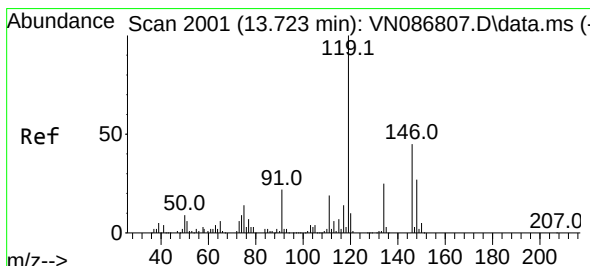
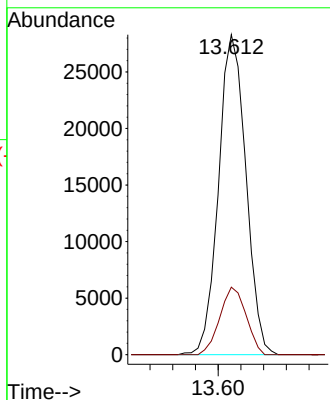
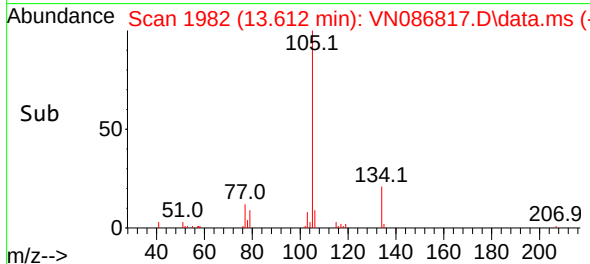
Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



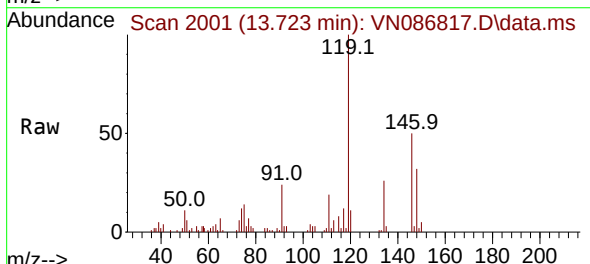
Tgt Ion:105 Resp: 47298
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 40.0

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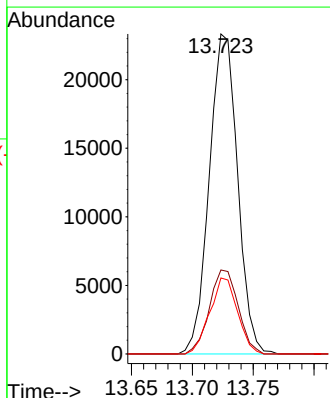
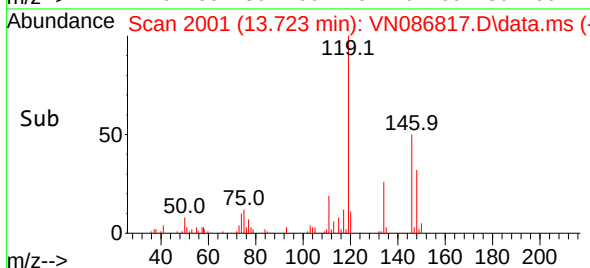
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

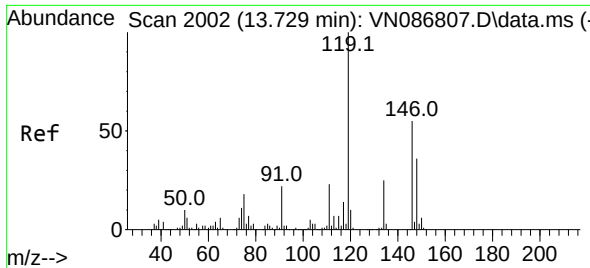


#82
 p-Isopropyltoluene
 Concen: 4.420 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086817.D
 Acq: 29 May 2025 16:02



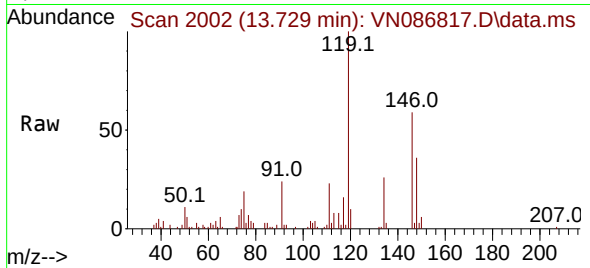
Tgt Ion:119 Resp: 37841
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 51.8
 91 23.3 0.0 45.2





#83
1,3-Dichlorobenzene
Concen: 4.767 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

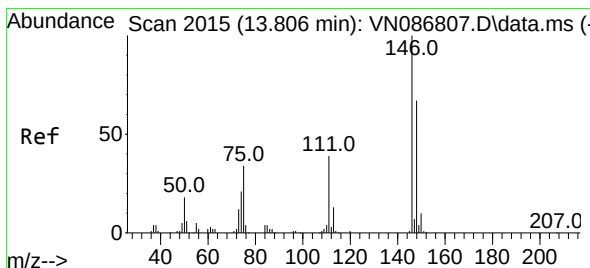
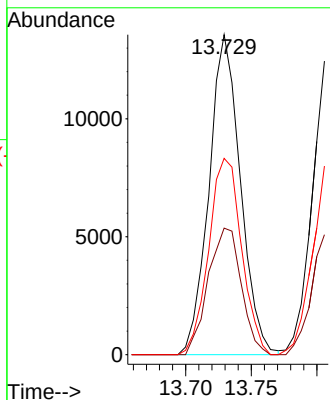
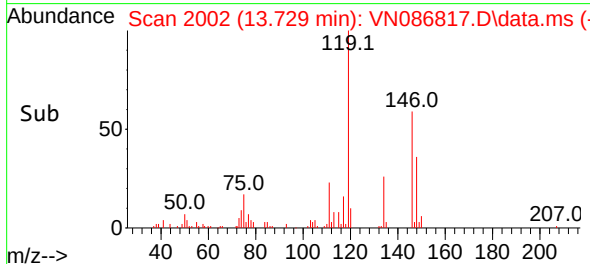
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



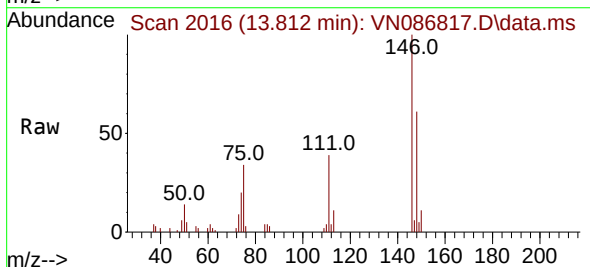
Tgt Ion:146 Resp: 2261
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.1
148 64.1 32.1 96.5

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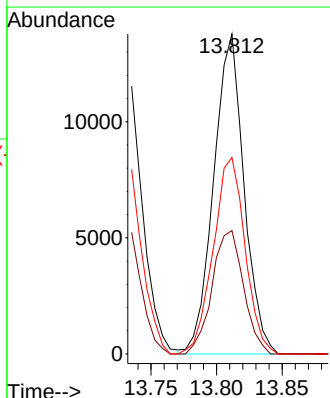
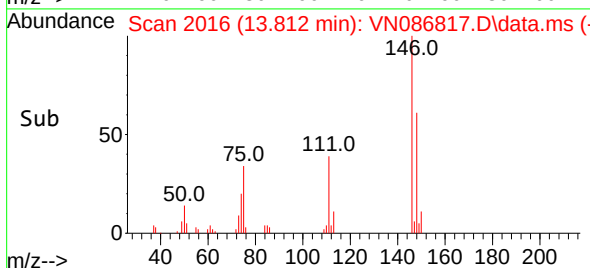
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025

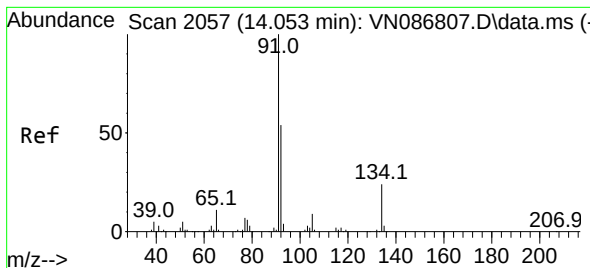


#84
1,4-Dichlorobenzene
Concen: 4.695 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02



Tgt Ion:146 Resp: 22169
Ion Ratio Lower Upper
146 100
111 40.0 19.8 59.4
148 64.4 31.9 95.5





#85

n-Butylbenzene

Concen: 4.100 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086817.D

Acq: 29 May 2025 16:02

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

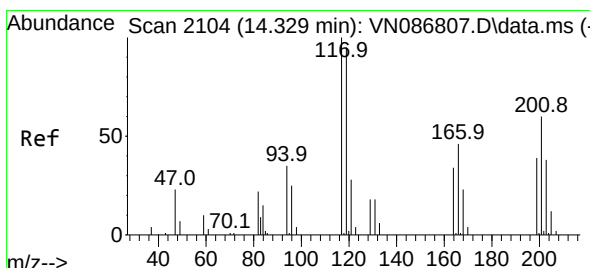
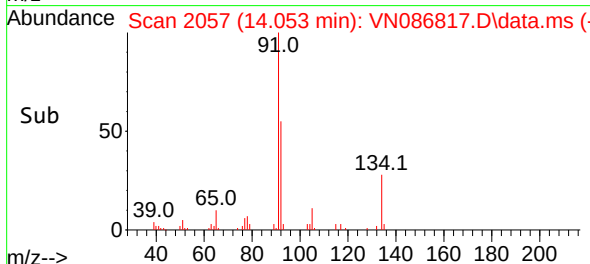
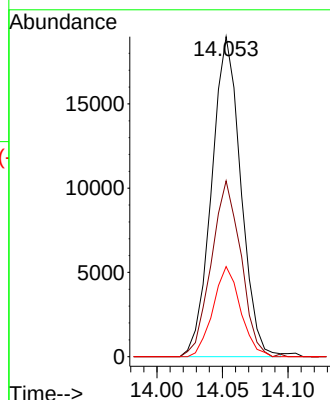
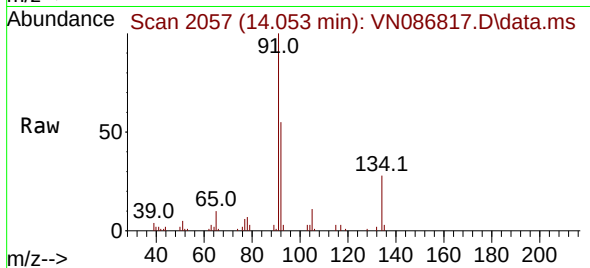
Tgt Ion:	91	Resp:	2938
Ion Ratio	Lower	Upper	
91	100		
92	55.5	0.0	107.6
134	26.5	0.0	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2025

Supervised By :Mahesh Dadoda 05/30/2025



#86

Hexachloroethane

Concen: 4.463 ug/l

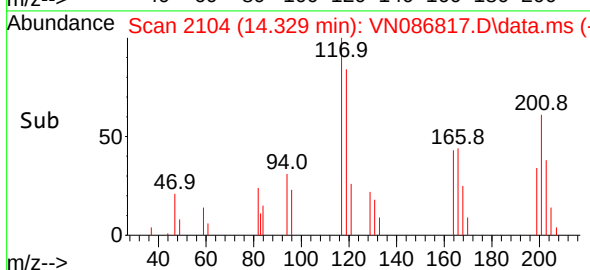
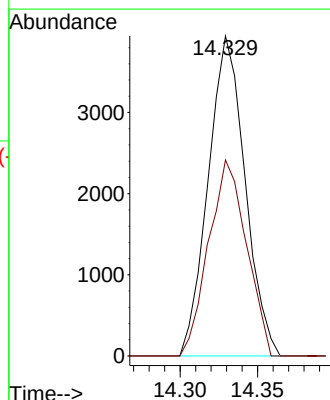
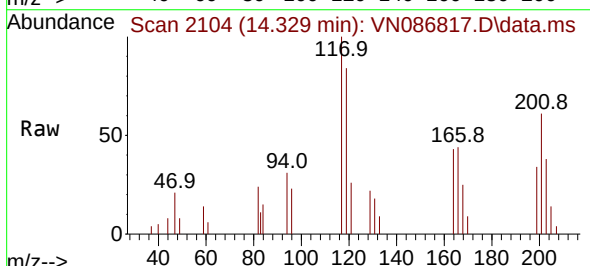
RT: 14.329 min Scan# 2104

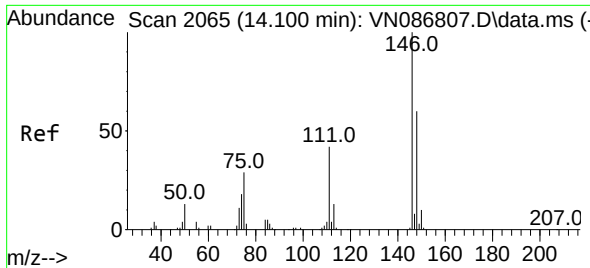
Delta R.T. 0.000 min

Lab File: VN086817.D

Acq: 29 May 2025 16:02

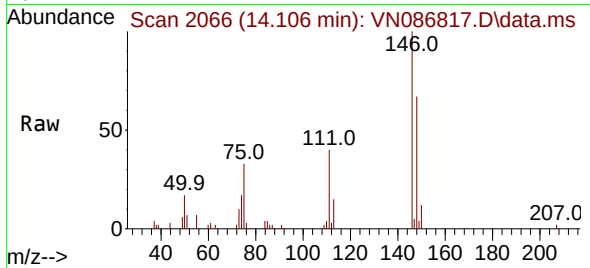
Tgt Ion:	117	Resp:	6513
Ion Ratio	Lower	Upper	
117	100		
201	63.0	31.4	94.3





#87
 1,2-Dichlorobenzene
 Concen: 4.601 ug/l
 RT: 14.106 min Scan# 2106
 Delta R.T. 0.006 min
 Lab File: VN086817.D
 Acq: 29 May 2025 16:02

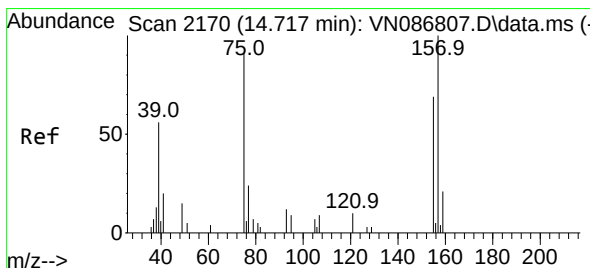
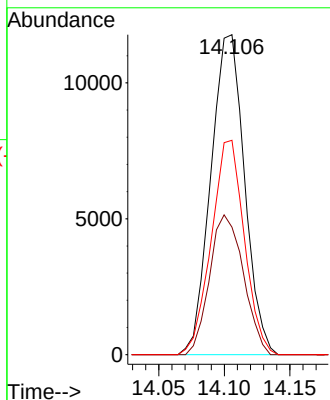
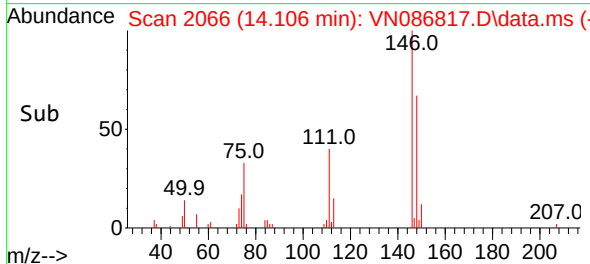
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2025



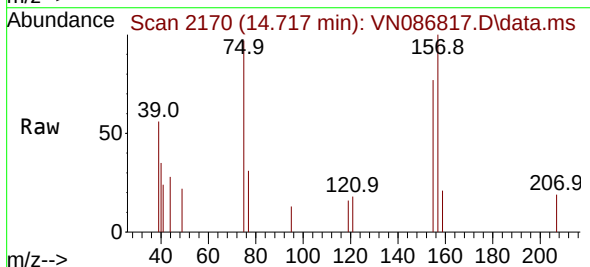
Tgt Ion:146 Resp: 2106
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.6 64.8
 148 65.7 31.6 94.7

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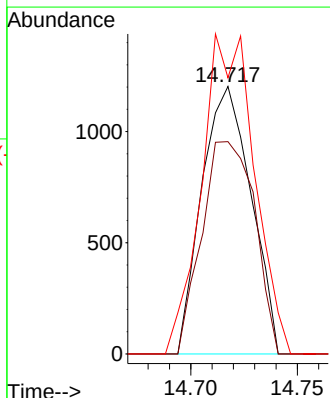
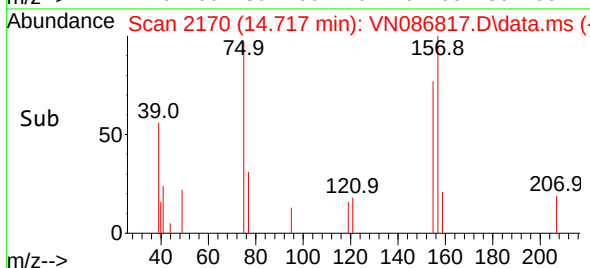
Reviewed By :John Carlone 05/30/2025
 Supervised By :Mahesh Dadoda 05/30/2025

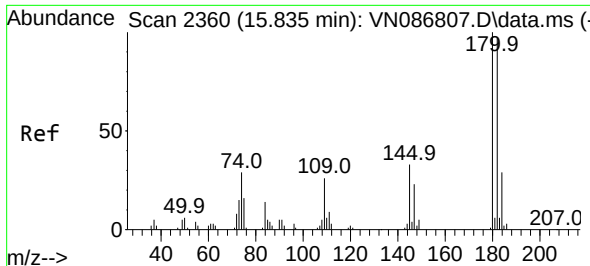


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 3.714 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN086817.D
 Acq: 29 May 2025 16:02



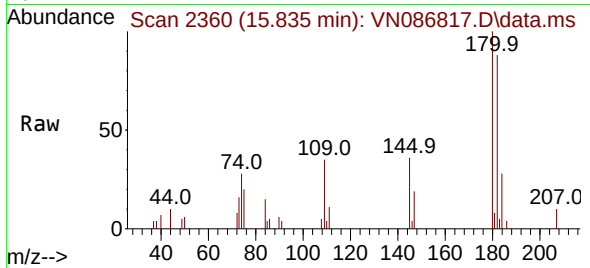
Tgt Ion: 75 Resp: 1935
 Ion Ratio Lower Upper
 75 100
 155 85.2 62.9 94.3
 157 127.7 84.0 126.0#





#89
1,2,4-Trichlorobenzene
Concen: 4.369 ug/l
RT: 15.835 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

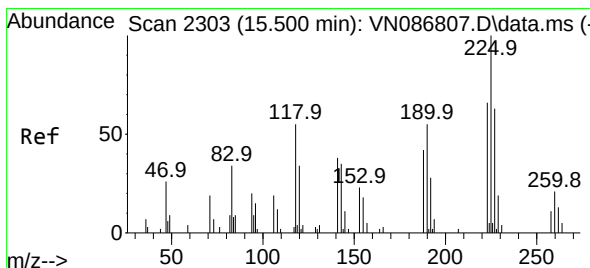
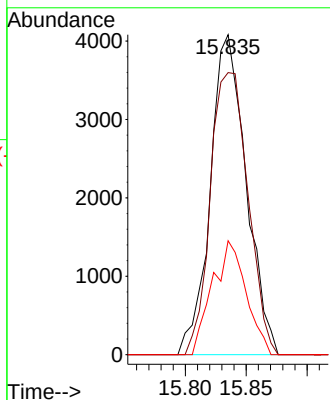
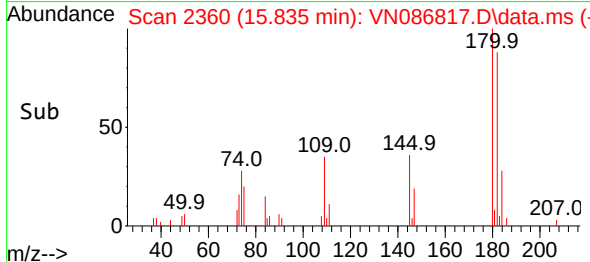
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:180 Resp: 8369
Ion Ratio Lower Upper
180 100
182 92.4 78.2 117.2
145 33.5 28.0 42.0

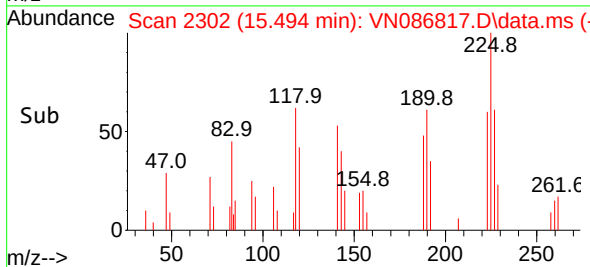
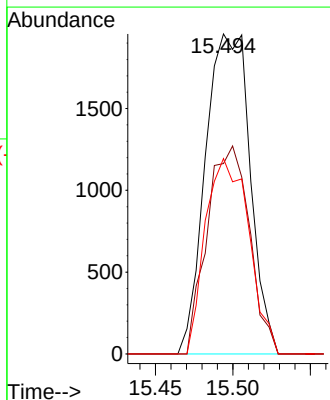
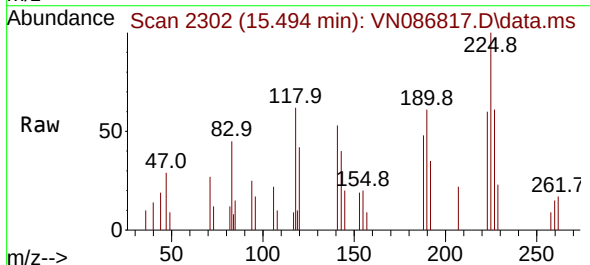
Manual Integrations
APPROVED

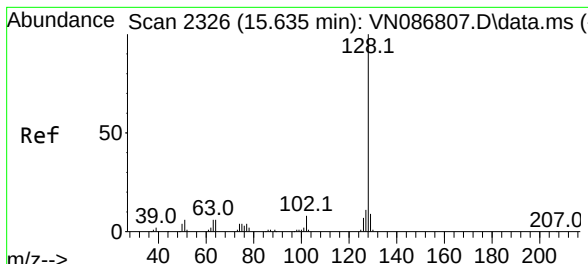
Reviewed By :John Carlone 05/30/2025
Supervised By :Mahesh Dadoda 05/30/2025



#90
Hexachlorobutadiene
Concen: 4.766 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

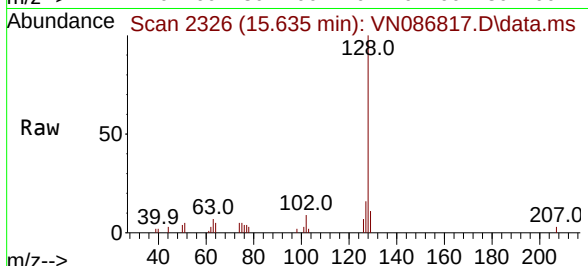
Tgt Ion:225 Resp: 3913
Ion Ratio Lower Upper
225 100
223 61.6 0.0 135.8
227 59.6 0.0 125.0





#91
Naphthalene
Concen: 4.073 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

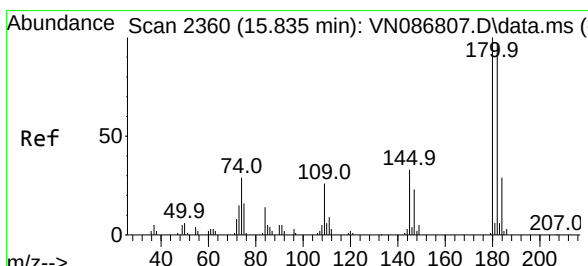
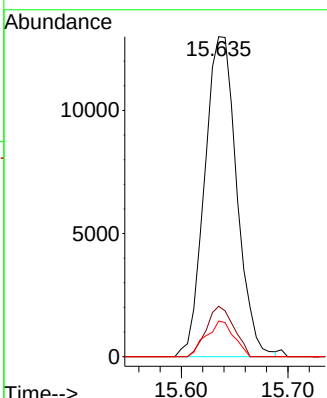
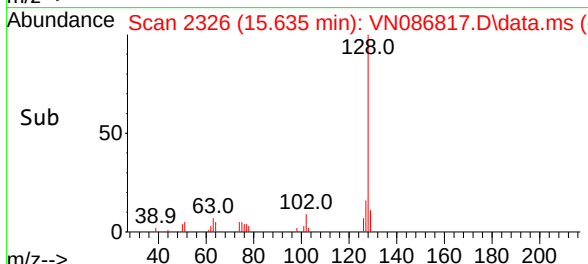
Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2025



Tgt Ion:	128	Resp:	2722
Ion Ratio	Lower	Upper	
128	100		
127	13.5	9.8	14.6
129	9.6	8.6	13.0

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 4.369 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086817.D
Acq: 29 May 2025 16:02

Tgt Ion:	180	Resp:	8369
Ion Ratio	Lower	Upper	
180	100		
182	92.4	0.0	195.4
145	33.5	0.0	70.0

