

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086389.D
 Acq On : 23 Apr 2025 18:01
 Operator : JC\MD
 Sample : Q1168-08 5.0PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Quant Time: Apr 24 05:37:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 05:35:39 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 04/24/2025

Supervised By :Mahesh
 Dadoda
 04/25/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	26521	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	157639	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	143224	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	77644	30.366	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.233%			
60) 4-Bromofluorobenzene	12.847	95	79121	28.107	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.700%			
63) Toluene-d8	10.565	98	240260	30.492	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.633%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	9361	5.113	ug/l	86
3) Chloromethane	2.359	50	13961	5.368	ug/l	93
4) Vinyl Chloride	2.512	62	12748	5.118	ug/l	98
5) Bromomethane	2.953	94	7436	5.718	ug/l	95
6) Chloroethane	3.124	64	8708	5.244	ug/l	90
7) Trichlorofluoromethane	3.494	101	15467	5.260	ug/l	98
8) Diethyl Ether	3.959	74	6664	5.369	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	9575	5.297	ug/l	94
10) 1,1-Dichloroethene	4.341	96	9923	5.363	ug/l	93
11) Methyl Iodide	4.589	142	11484	5.305	ug/l	93
12) Methyl Acetate	5.024	43	13285	5.066	ug/l	97
13) Acrolein	4.183	56	6164	46.371	ug/l #	74
14) Acrylonitrile	5.718	53	26600	27.254	ug/l	99
15) Acetone	4.430	58	6649	24.722	ug/l	90
16) Carbon Disulfide	4.712	76	26878	5.513	ug/l	98
17) Allyl chloride	5.024	41	15352	5.189	ug/l	95
18) Methylene Chloride	5.277	84	11419	5.420	ug/l	96
19) trans-1,2-Dichloroethene	5.788	96	10390	5.269	ug/l	86
20) Diisopropyl ether	6.671	45	34358	4.884	ug/l	99
21) 1,1-Dichloroethane	6.565	63	19967	5.186	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	13189	5.349	ug/l	94
23) tert-Butyl Alcohol	5.518	59	11381	30.101	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	36228	5.300	ug/l	99
25) Chloroform	7.965	83	20593	5.285	ug/l	96
26) Cyclohexane	8.259	56	17770	5.227	ug/l #	100
29) 1,1-Dichloropropene	8.365	75	14224	5.118	ug/l	99
30) 2-Butanone	7.482	43	35205	26.100	ug/l	98
31) 2,2-Dichloropropane	7.488	77	17532	4.908	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	17684	5.325	ug/l	97
33) Carbon Tetrachloride	8.359	117	14279	5.223	ug/l	89
34) Benzene	8.600	78	46427	5.252	ug/l #	84
35) Methacrylonitrile	7.777	41	8703	5.656	ug/l	90
36) 1,2-Dichloroethane	8.665	62	15548	5.418	ug/l #	93
37) Trichloroethene	9.353	130	10935	4.942	ug/l	93
38) Methylcyclohexane	9.600	83	16324	5.086	ug/l	99
39) 1,2-Dichloropropane	9.618	63	11313	5.181	ug/l	97
40) Dibromomethane	9.706	93	7748	5.306	ug/l	97
41) Bromodichloromethane	9.882	83	15747	5.096	ug/l #	98
42) Vinyl Acetate	6.600	43	127596	27.307	ug/l	100

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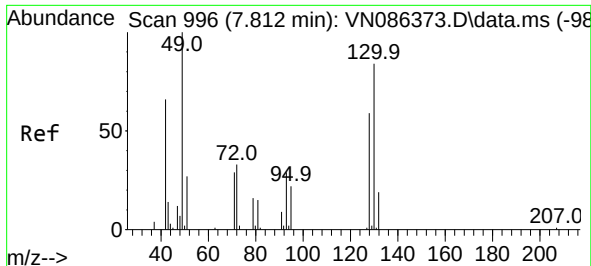
Manual Integrations APPROVED

Reviewed By :John
 Carlone
 04/24/2025

Supervised By :Mahesh
 Dadoda
 04/25/2025

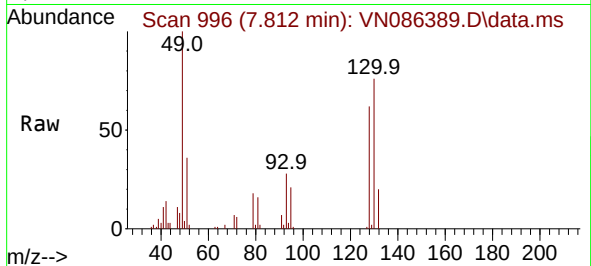
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	14754m	5.527	ug/l	
44) Isopropyl Acetate	8.682	43	30759	6.071	ug/l	94
45) 1,4-Dioxane	9.688	88	4252	107.569	ug/l #	94
46) Methyl methacrylate	9.676	41	12363	5.290	ug/l	96
47) n-amyl Acetate	12.488	43	21337	4.941	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	16925	4.899	ug/l	91
49) cis-1,3-Dichloropropene	10.312	75	18697	5.132	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	11211	5.496	ug/l	94
51) Ethyl methacrylate	10.870	69	17506	4.928	ug/l	94
52) 1,3-Dichloropropane	11.159	76	18979	5.265	ug/l	96
53) Dibromochloromethane	11.353	129	11554	5.045	ug/l	99
54) 1,2-Dibromoethane	11.465	107	11058	5.332	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	41677	24.953	ug/l	99
56) Bromoform	12.570	173	7186	4.835	ug/l #	98
58) 4-Methyl-2-Pentanone	10.441	43	74692	26.949	ug/l	99
59) 2-Hexanone	11.194	43	54564	26.715	ug/l	99
61) Tetrachloroethene	11.100	164	10870	4.976	ug/l	95
62) Toluene	10.629	91	50994	5.319	ug/l	98
64) Chlorobenzene	11.888	112	30934	5.178	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	9761	4.887	ug/l	93
66) Ethyl Benzene	11.959	91	53014	4.913	ug/l	94
67) m/p-Xylenes	12.070	106	40778	9.959	ug/l	99
68) o-Xylene	12.394	106	20119	5.019	ug/l	98
69) Styrene	12.406	104	31818	4.683	ug/l	98
70) Isopropylbenzene	12.694	105	48906	4.887	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	14719	5.586	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	11958m	5.205	ug/l	
73) Bromobenzene	12.976	156	11208	4.872	ug/l	99
74) n-propylbenzene	13.035	91	55850	4.697	ug/l	99
75) 2-Chlorotoluene	13.123	91	35741	4.815	ug/l	97
76) 1,3,5-Trimethylbenzene	13.170	105	40283	4.906	ug/l	96
77) t-1,4-Dichloro-2-butene	12.735	75	5490	4.709	ug/l	91
78) 4-Chlorotoluene	13.217	91	35319	4.758	ug/l	99
79) tert-butylbenzene	13.435	119	34022	4.838	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	38889	4.637	ug/l	97
81) sec-Butylbenzene	13.611	105	46549	4.637	ug/l	100
82) p-Isopropyltoluene	13.723	119	36960	4.400	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	20416	4.694	ug/l	99
84) 1,4-Dichlorobenzene	13.811	146	20170	4.694	ug/l	97
85) n-Butylbenzene	14.053	91	31187	4.161	ug/l	99
86) Hexachloroethane	14.335	117	6110	4.448	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	20396	4.929	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	2760	5.153	ug/l	96
89) 1,2,4-Trichlorobenzene	15.841	180	8905	4.721	ug/l	96
90) Hexachlorobutadiene	15.500	225	3283	4.321	ug/l	92
91) Naphthalene	15.635	128	31306	4.636	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	8905	4.721	ug/l	96

(#) = 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: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

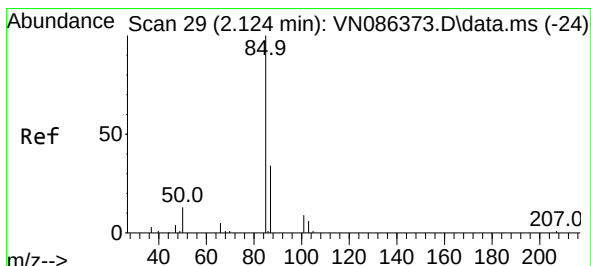
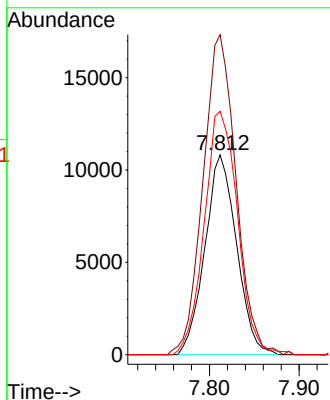
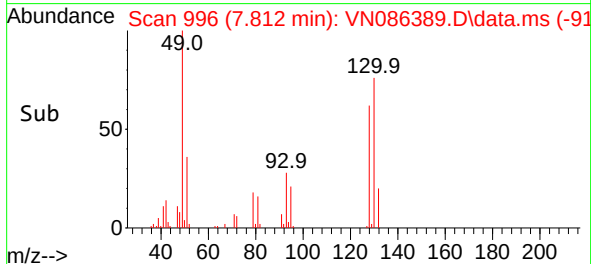


Tgt Ion: 128 Resp: 2652
Ion Ratio Lower Upper
128 100
49 165.7 0.0 433.8
130 128.6 0.0 325.0

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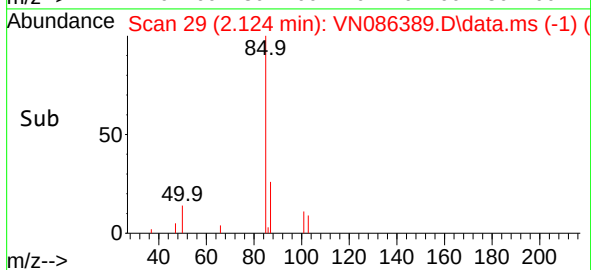
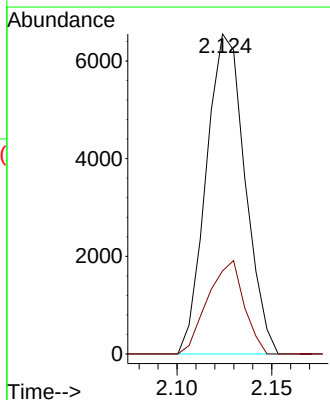
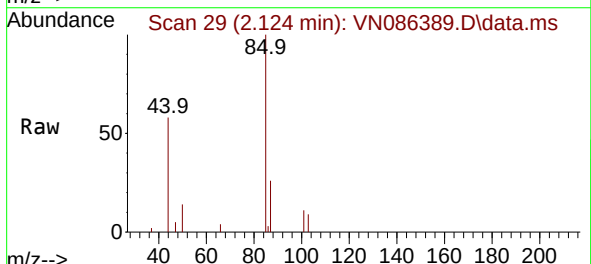
Reviewed By :John
Carlone
04/24/2025

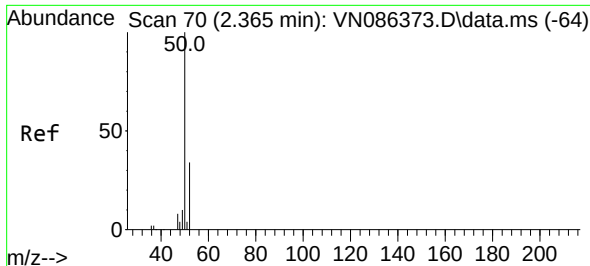
Supervised By :Mahesh
Dadoda
04/25/2025



#2
Dichlorodifluoromethane
Concen: 5.113 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

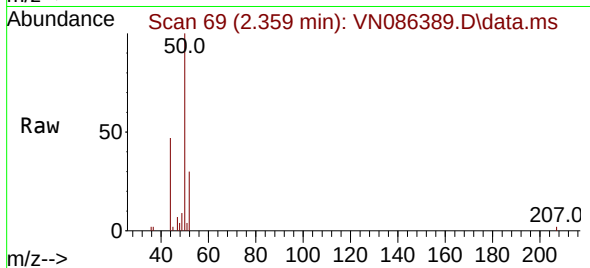
Tgt Ion: 85 Resp: 9361
Ion Ratio Lower Upper
85 100
87 25.9 17.0 50.9





#3
Chloromethane
Concen: 5.368 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

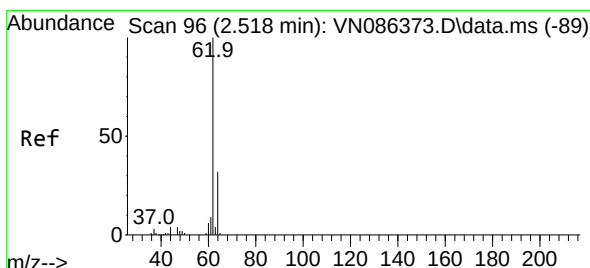
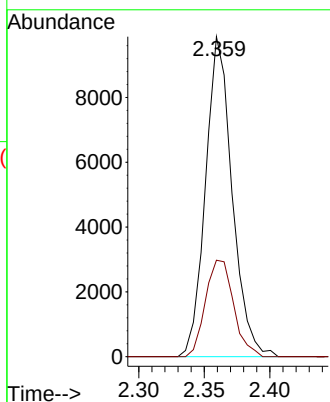
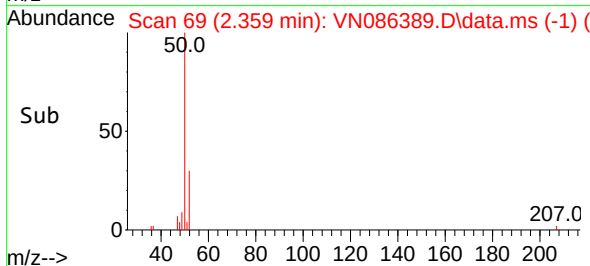


Tgt Ion: 50 Resp: 1396
Ion Ratio Lower Upper
50 100
52 30.1 27.3 40.9

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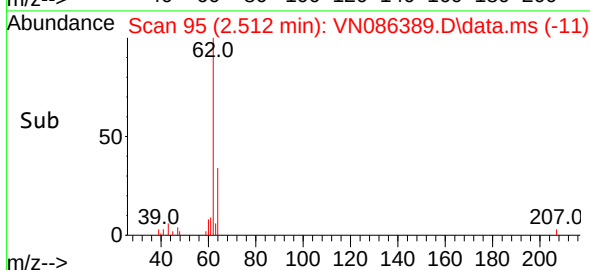
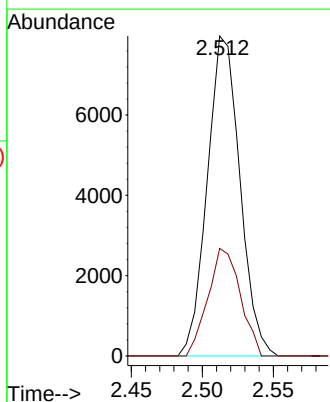
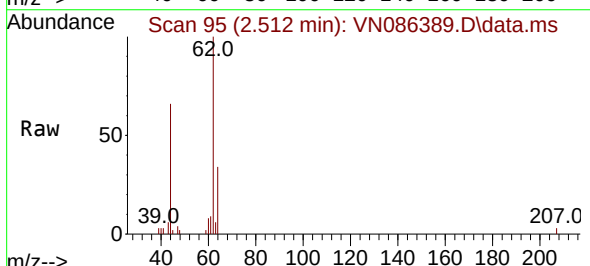
Reviewed By :John
Carlone
04/24/2025

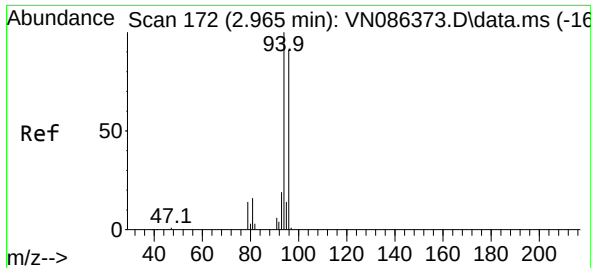
Supervised By :Mahesh
Dadoda
04/25/2025



#4
Vinyl Chloride
Concen: 5.118 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

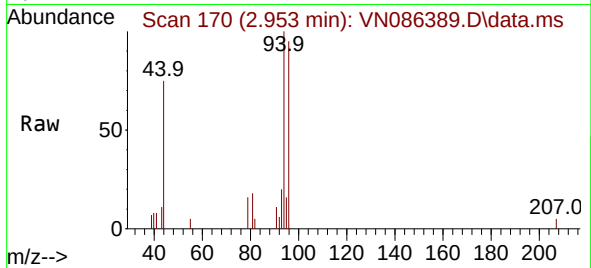
Tgt Ion: 62 Resp: 12748
Ion Ratio Lower Upper
62 100
64 33.6 25.8 38.8





#5
Bromomethane
Concen: 5.718 ug/l
RT: 2.953 min Scan# 172
Delta R.T. -0.012 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

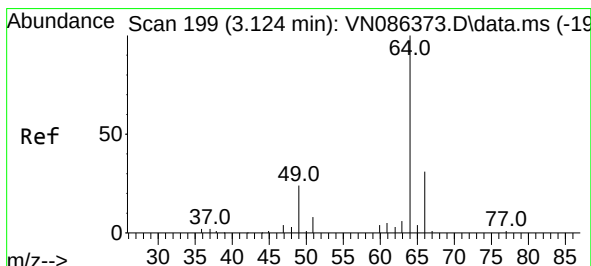
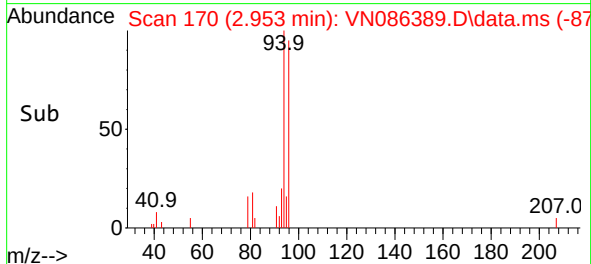
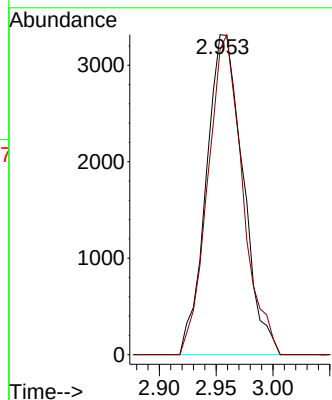


Tgt Ion: 94 Resp: 7430
Ion Ratio Lower Upper
94 100
96 95.4 72.4 108.6

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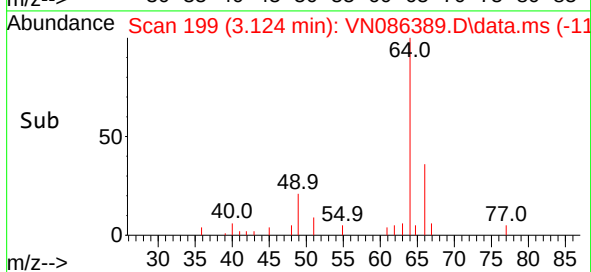
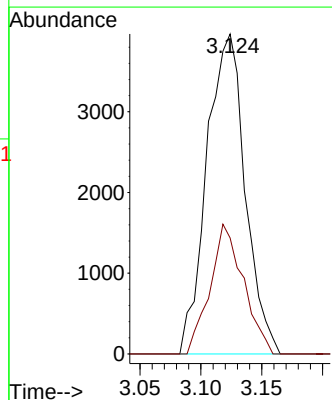
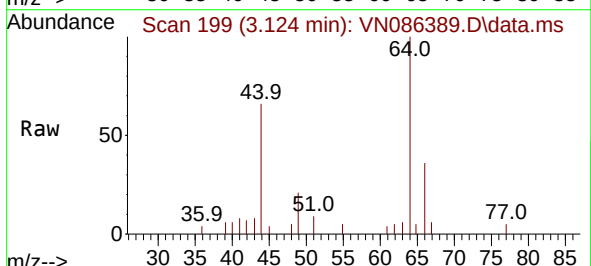
Reviewed By :John
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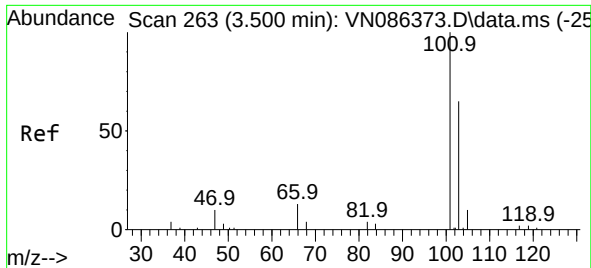
Supervised By :Mahesh
Dadoda
04/25/2025



#6
Chloroethane
Concen: 5.244 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

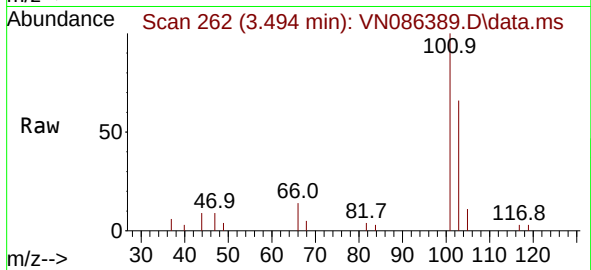
Tgt Ion: 64 Resp: 8708
Ion Ratio Lower Upper
64 100
66 36.2 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 5.260 ug/l
 RT: 3.494 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN086389.D
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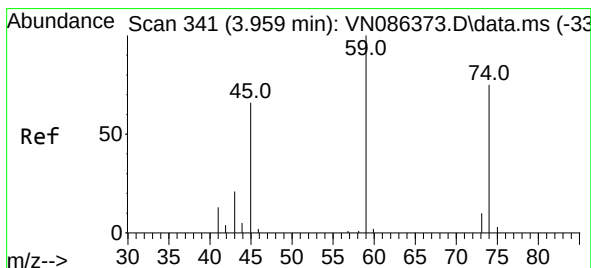
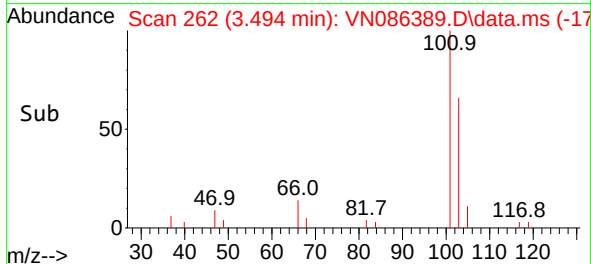
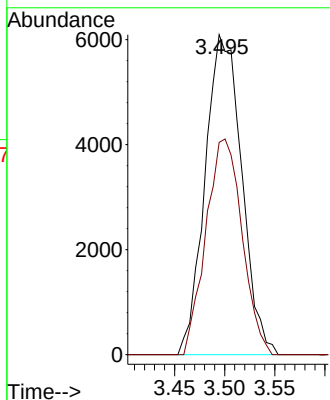


Tgt Ion: 101 Resp: 1546
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.8 77.6

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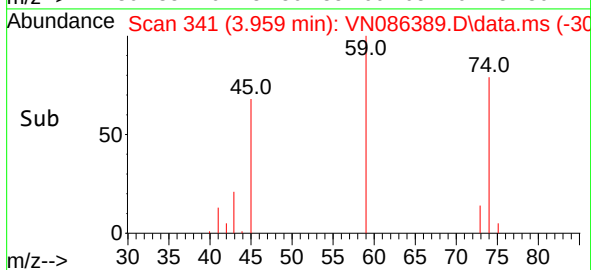
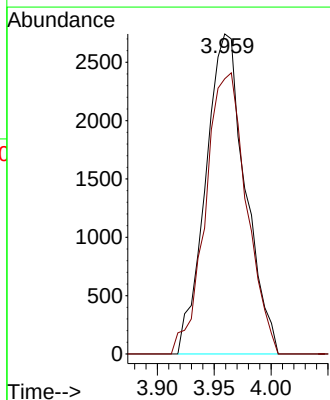
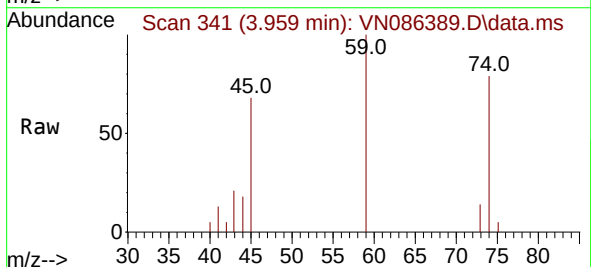
Reviewed By : John
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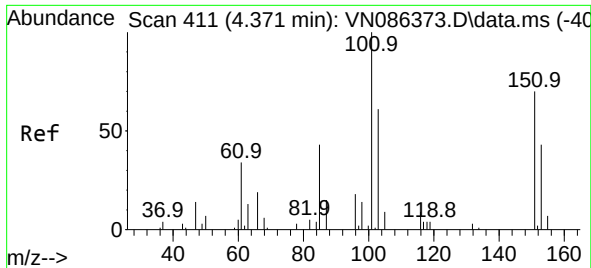
Supervised By : Mahesh
 Dadoda
 04/25/2025



#8
 Diethyl Ether
 Concen: 5.369 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086389.D
 Acq: 23 Apr 2025 18:01

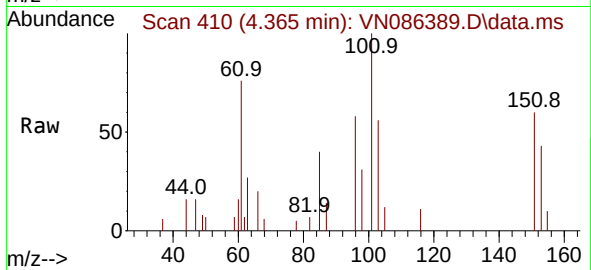
Tgt Ion: 74 Resp: 6664
 Ion Ratio Lower Upper
 74 100
 45 90.6 18.5 166.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.297 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

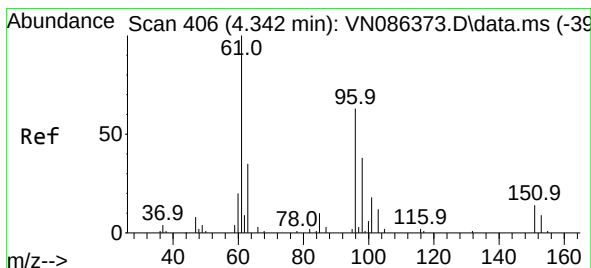
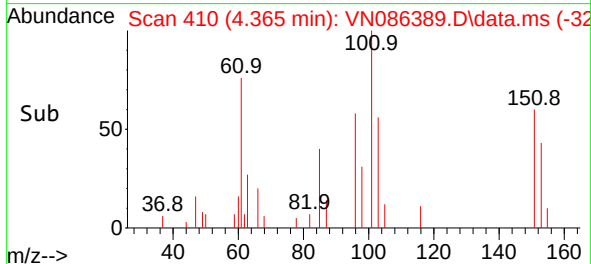
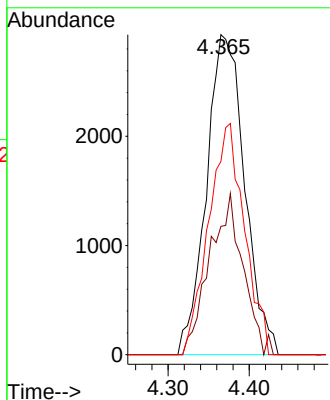


Tgt Ion: 101 Resp: 957
Ion Ratio Lower Upper
101 100
85 43.7 0.0 84.4
151 66.3 0.0 145.8

Manual Integrations
APPROVED

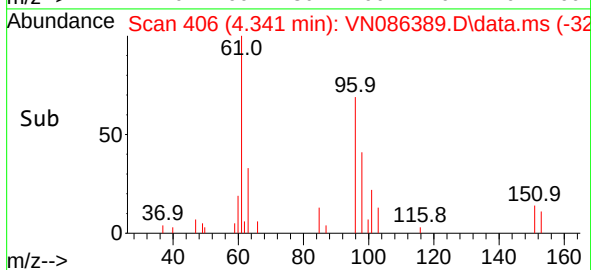
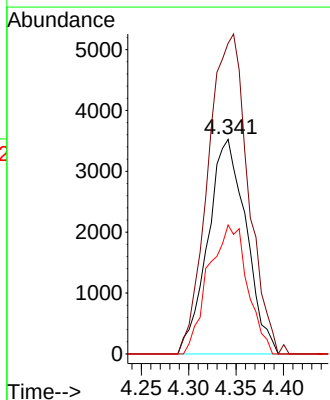
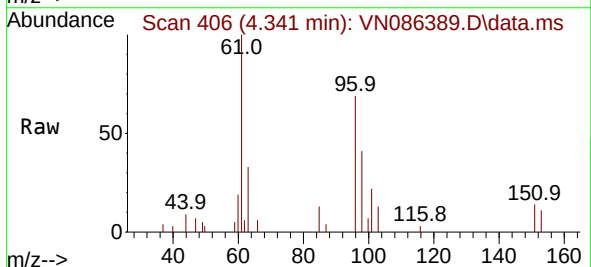
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Carlone
04/24/2025

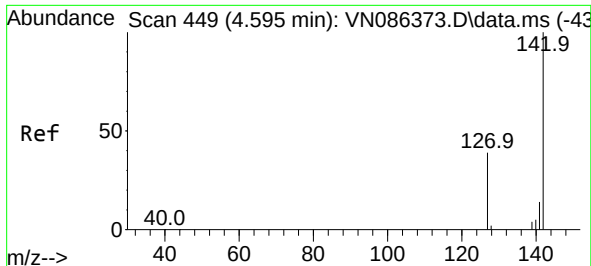
Supervised By : Mahesh
Dadoda
04/25/2025



#10
1,1-Dichloroethene
Concen: 5.363 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

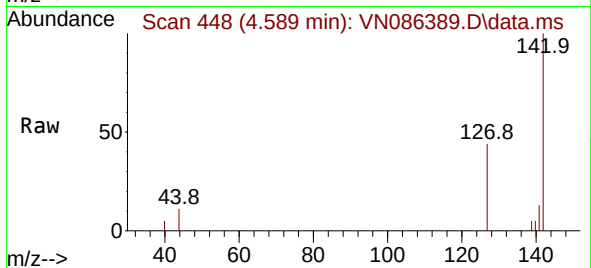
Tgt Ion: 96 Resp: 9923
Ion Ratio Lower Upper
96 100
61 144.8 126.2 189.4
98 60.1 48.5 72.7





#11
Methyl Iodide
Concen: 5.305 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

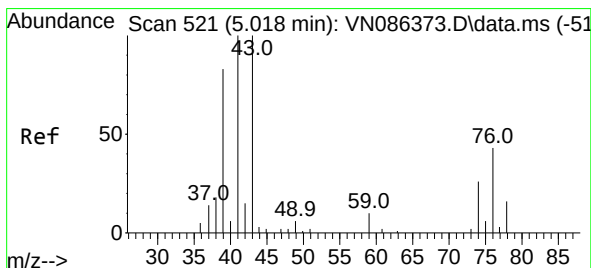
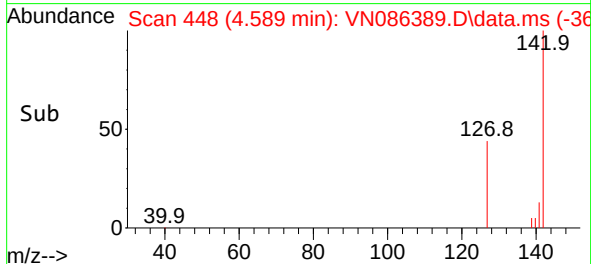
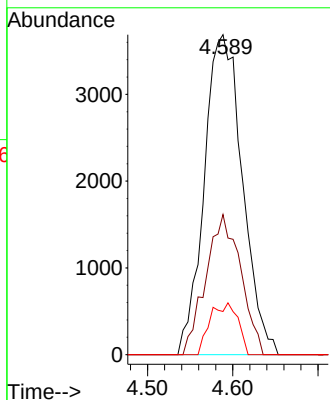


Tgt Ion:142 Resp: 11484
Ion Ratio Lower Upper
142 100
127 43.8 19.3 57.9
141 13.5 7.1 21.3

Manual Integrations
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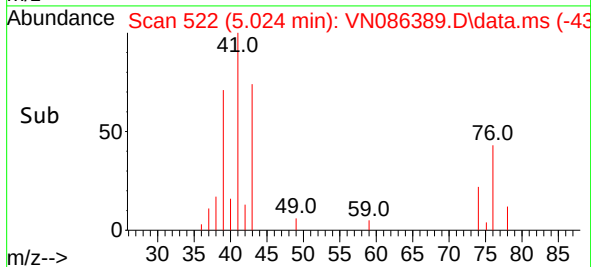
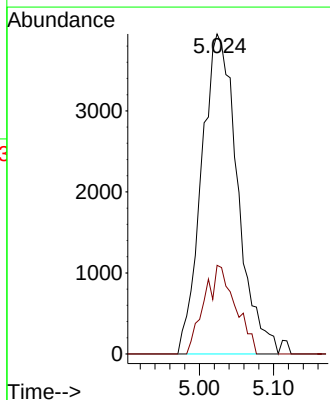
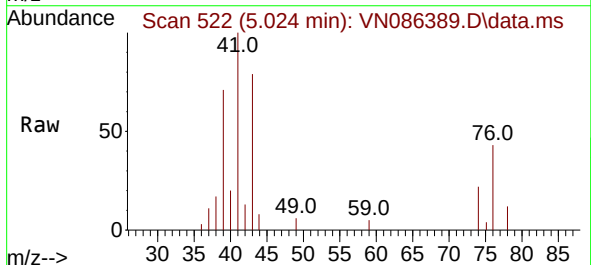
Reviewed By :John
Carlone
04/24/2025

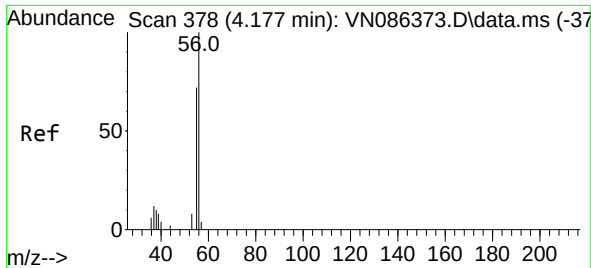
Supervised By :Mahesh
Dadoda
04/25/2025



#12
Methyl Acetate
Concen: 5.066 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

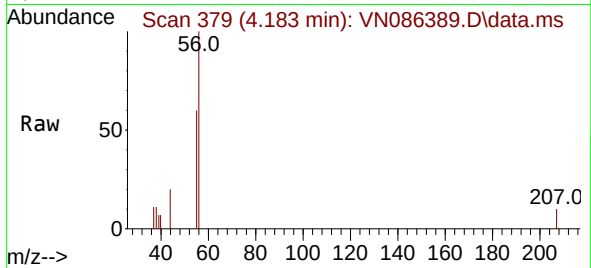
Tgt Ion: 43 Resp: 13285
Ion Ratio Lower Upper
43 100
74 27.7 20.8 31.2





#13
Acrolein
Concen: 46.371 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

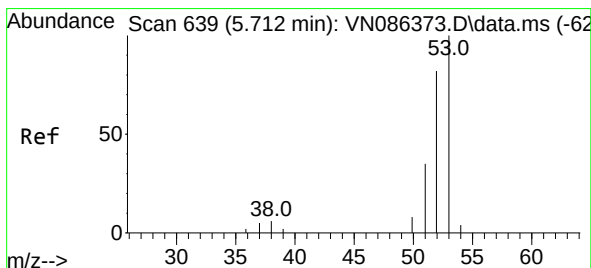
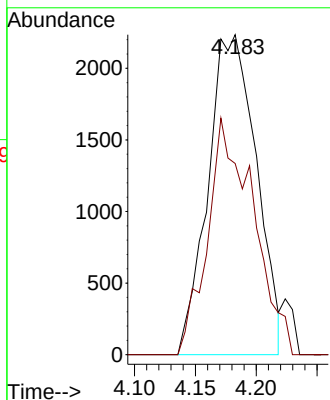
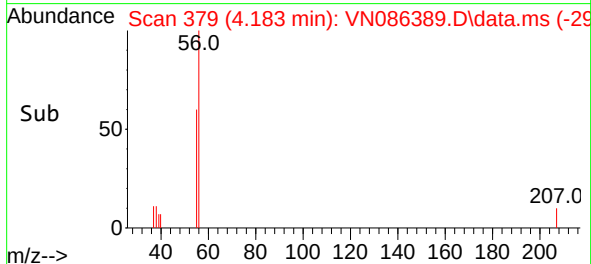


Tgt Ion: 56 Resp: 6164
Ion Ratio Lower Upper
56 100
55 48.4 56.1 84.1

Manual Integrations
APPROVED

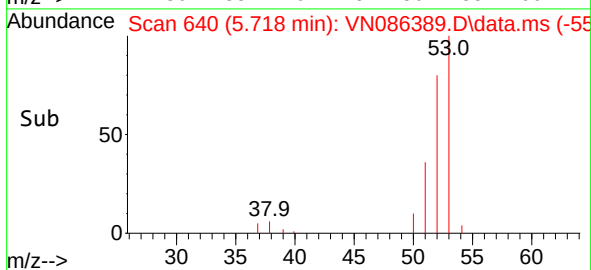
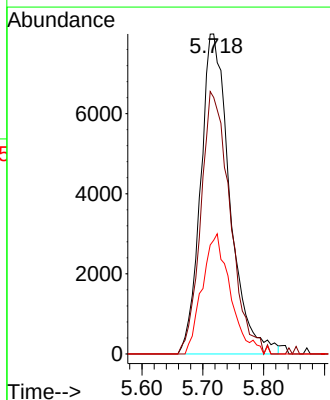
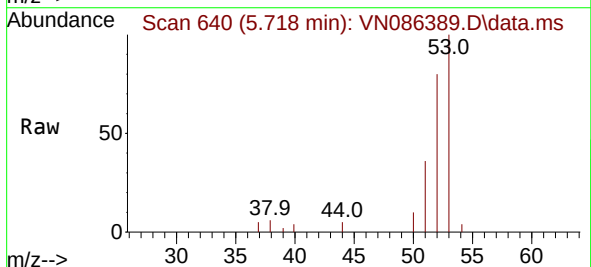
Reviewed By :John
Carlone
04/24/2025

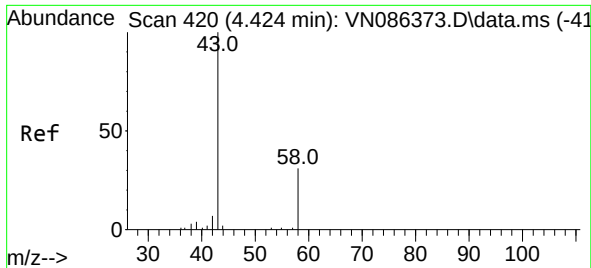
Supervised By :Mahesh
Dadoda
04/25/2025



#14
Acrylonitrile
Concen: 27.254 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Tgt Ion: 53 Resp: 26600
Ion Ratio Lower Upper
53 100
52 81.5 41.2 123.6
51 35.1 17.6 52.8





#15

Acetone

Concen: 24.722 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086389.D

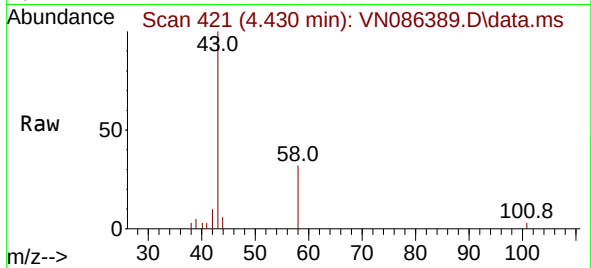
Acq: 23 Apr 2025 18:01

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion: 58 Resp: 6649

Ion Ratio Lower Upper

58 100

43 298.0 255.1 382.7

Manual Integrations

APPROVED

Reviewed By :John

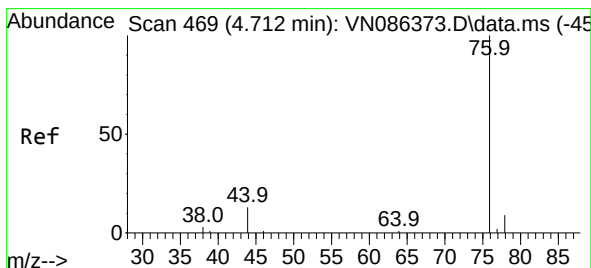
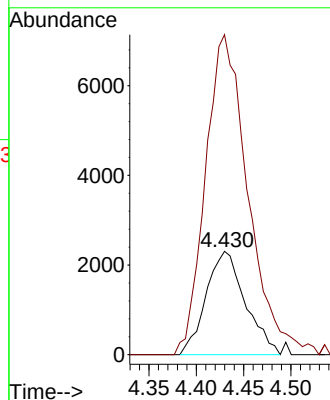
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#16

Carbon Disulfide

Concen: 5.513 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN086389.D

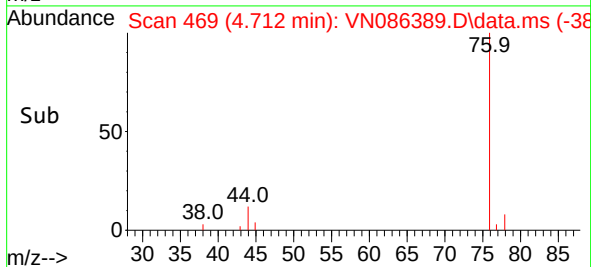
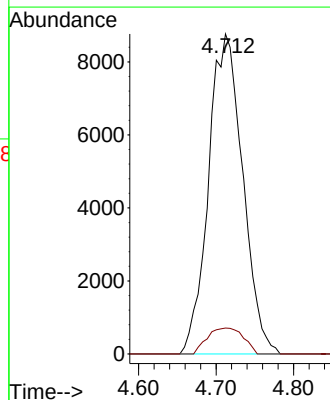
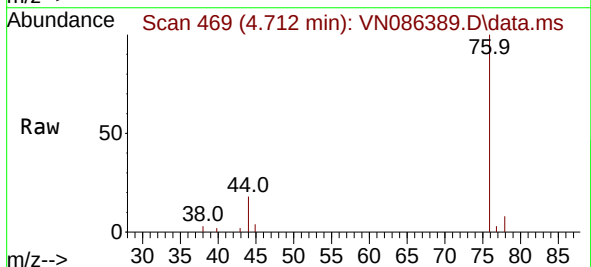
Acq: 23 Apr 2025 18:01

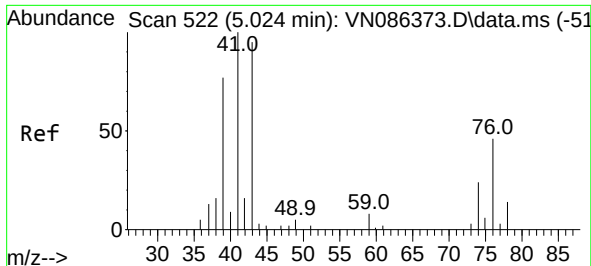
Tgt Ion: 76 Resp: 26878

Ion Ratio Lower Upper

76 100

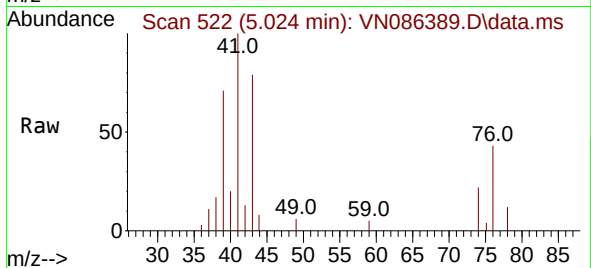
78 8.1 7.1 10.7





#17
 Allyl chloride
 Concen: 5.189 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN086389.D
 Acq: 23 Apr 2025 18:01

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

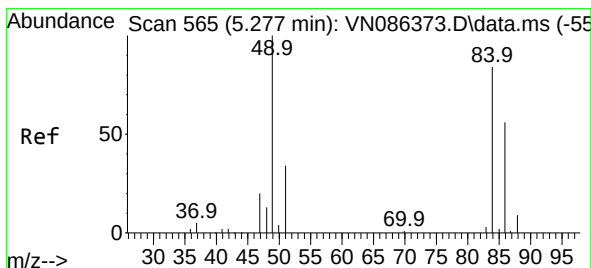
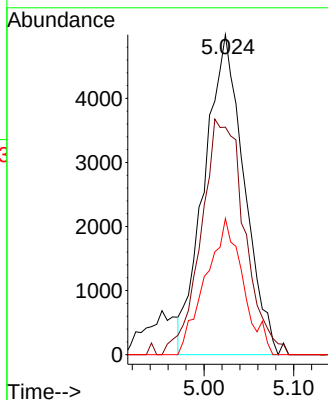
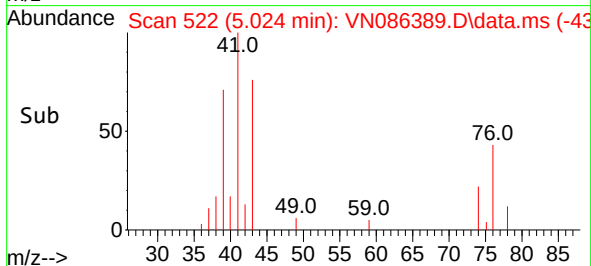


Tgt Ion: 41 Resp: 1535
 Ion Ratio Lower Upper
 41 100
 39 67.7 36.7 110.1
 76 42.6 21.8 65.4

Manual Integrations
 APPROVED

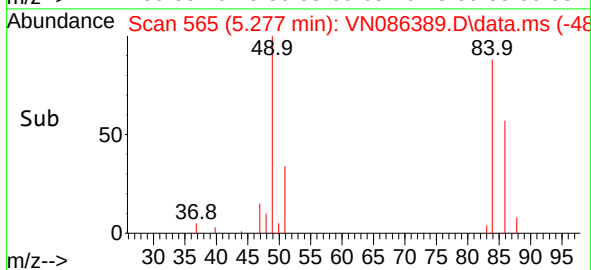
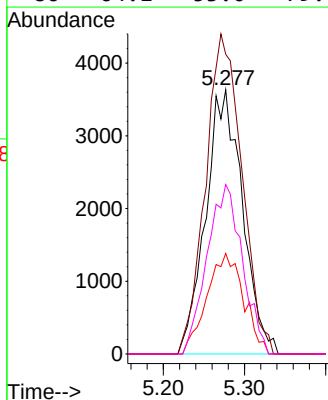
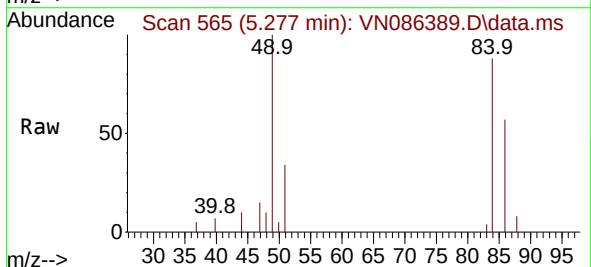
Reviewed By :John
 Carlone
 04/24/2025

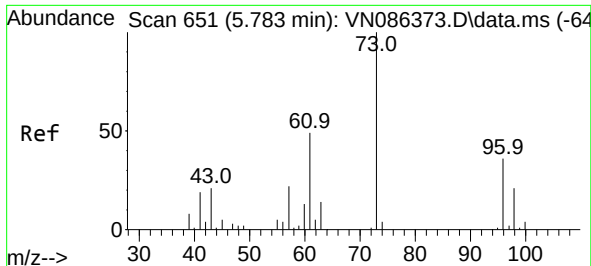
Supervised By :Mahesh
 Dadoda
 04/25/2025



#18
 Methylene Chloride
 Concen: 5.420 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN086389.D
 Acq: 23 Apr 2025 18:01

Tgt Ion: 84 Resp: 11419
 Ion Ratio Lower Upper
 84 100
 49 113.5 95.4 143.0
 51 38.0 32.8 49.2
 86 64.1 53.0 79.4





#19

trans-1,2-Dichloroethene

Concen: 5.269 ug/l

RT: 5.788 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN086389.D

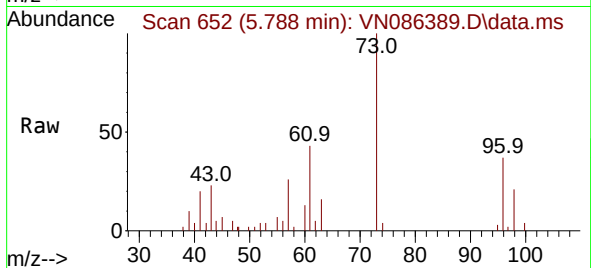
Acq: 23 Apr 2025 18:01

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion:	96	Resp:	10390
Ion	Ratio	Lower	Upper
96	100		
61	111.9	107.3	160.9
98	56.6	46.7	70.1

Manual Integrations

APPROVED

Reviewed By :John

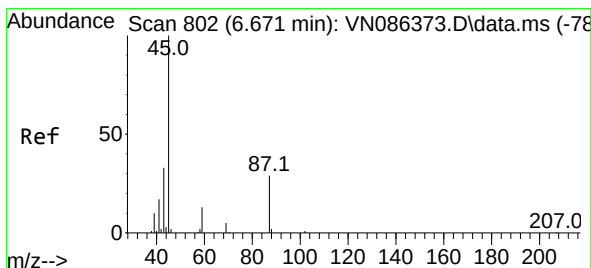
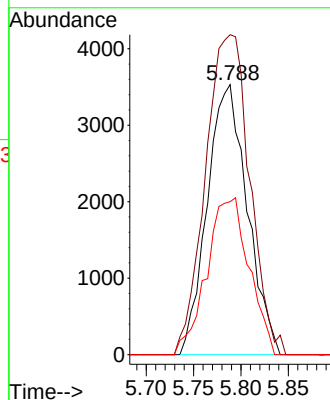
Carlone

04/24/2025

Supervised By :Mahesh

Dadoda

04/25/2025



#20

Diisopropyl ether

Concen: 4.884 ug/l

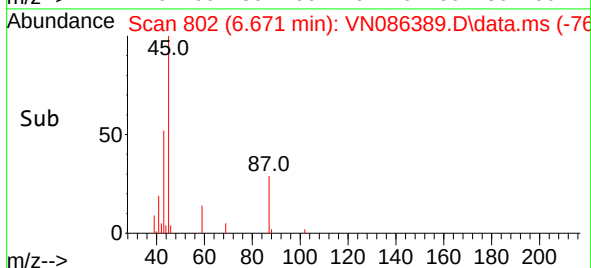
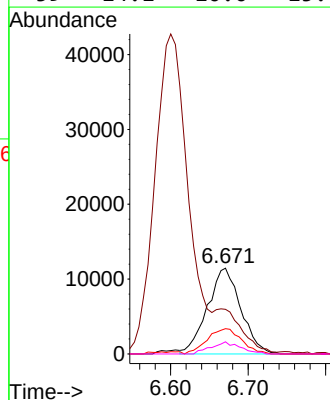
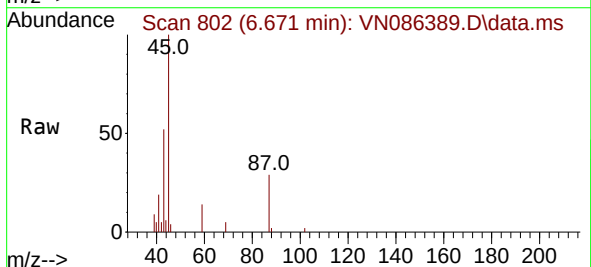
RT: 6.671 min Scan# 802

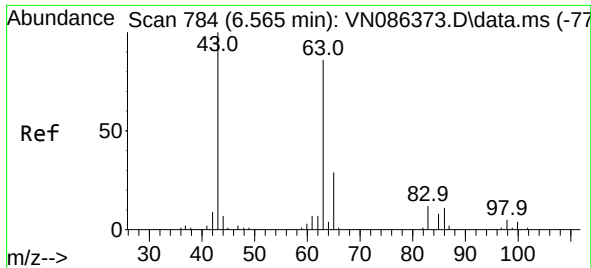
Delta R.T. -0.000 min

Lab File: VN086389.D

Acq: 23 Apr 2025 18:01

Tgt Ion:	45	Resp:	34358
Ion	Ratio	Lower	Upper
45	100		
43	49.6	38.8	58.2
87	29.4	23.5	35.3
59	14.1	10.0	15.0





#21
1,1-Dichloroethane
Concen: 5.186 ug/l
RT: 6.565 min Scan# 719
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

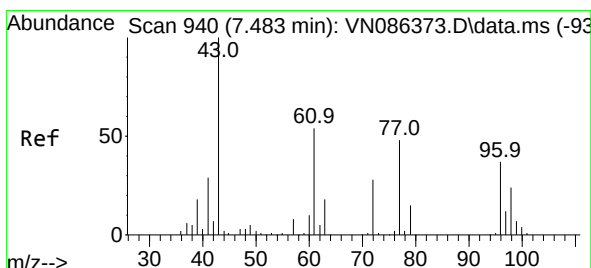
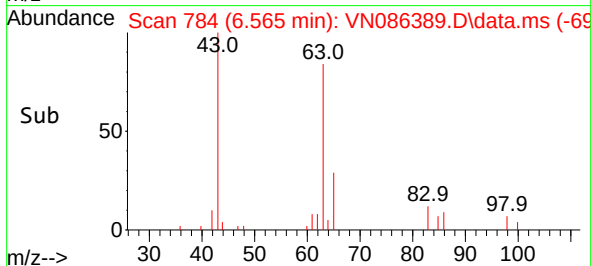
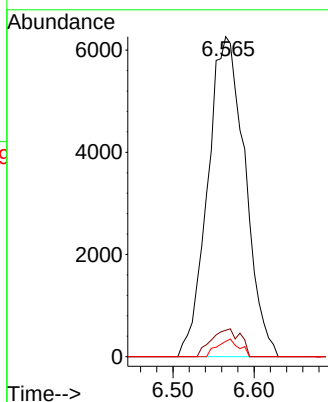
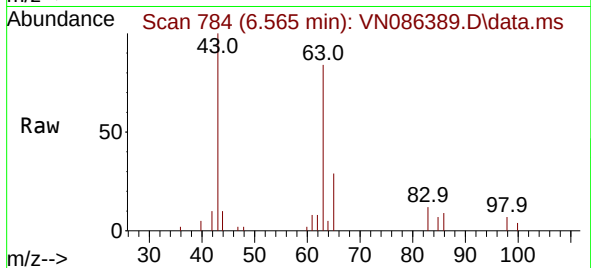
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 63 Resp: 1996
Ion Ratio Lower Upper
63 100
98 8.3 3.0 9.2
100 4.8 2.3 6.8

Manual Integrations
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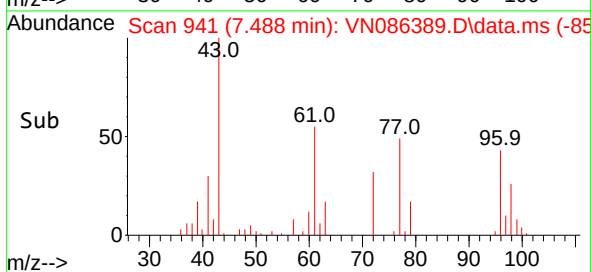
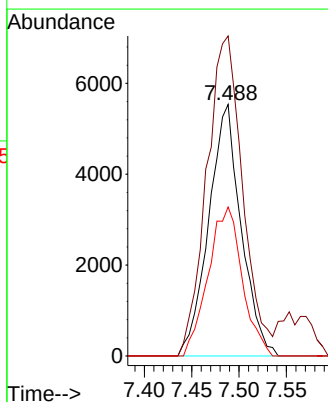
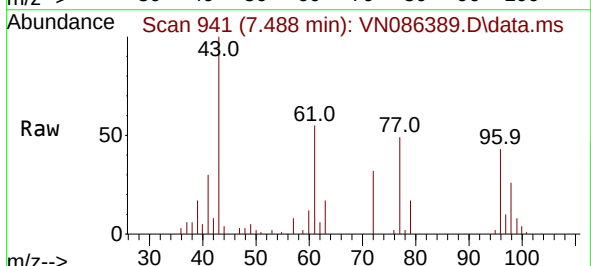
Reviewed By :John
Carlone
04/24/2025

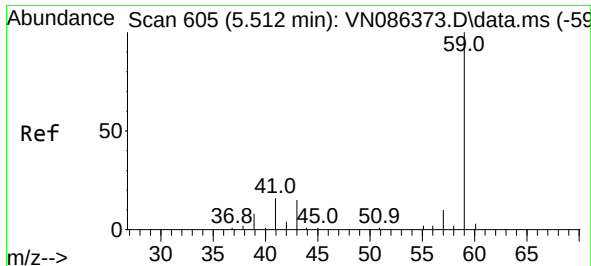
Supervised By :Mahesh
Dadoda
04/25/2025



#22
cis-1,2-Dichloroethene
Concen: 5.349 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

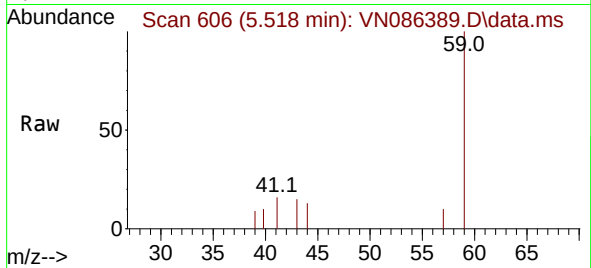
Tgt Ion: 96 Resp: 13189
Ion Ratio Lower Upper
96 100
61 141.2 120.6 181.0
98 62.1 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 30.101 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

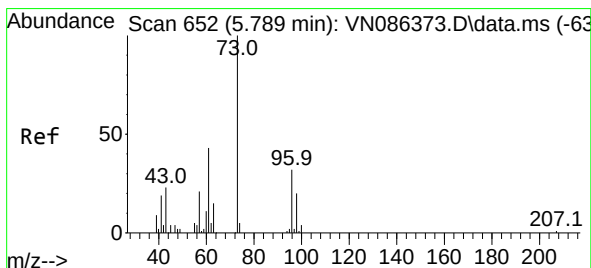
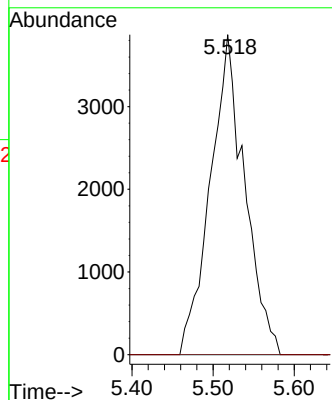


Tgt Ion: 59 Resp: 1138
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

Manual Integrations
APPROVED

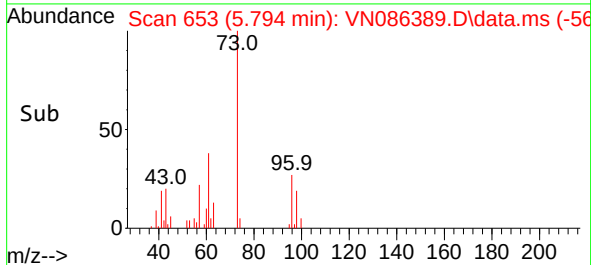
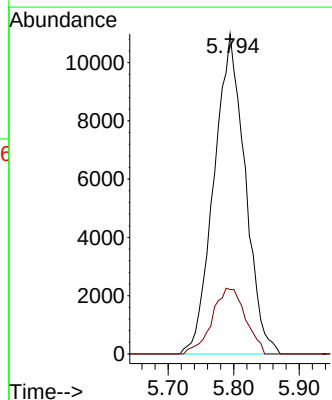
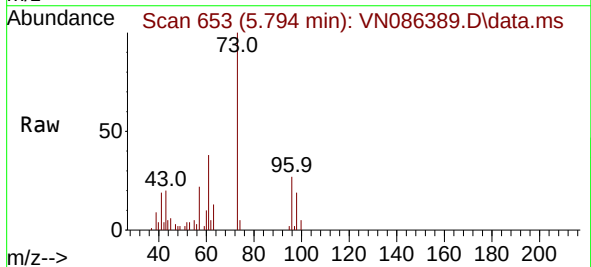
Reviewed By :John
Carlone
04/24/2025

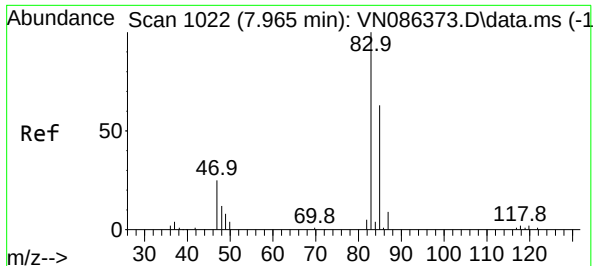
Supervised By :Mahesh
Dadoda
04/25/2025



#24
Methyl tert-Butyl Ether
Concen: 5.300 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Tgt Ion: 73 Resp: 36228
Ion Ratio Lower Upper
73 100
43 22.0 17.1 25.7





#25

Chloroform

Concen: 5.285 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086389.D

Acq: 23 Apr 2025 18:01

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2025

Tgt Ion: 83 Resp: 2059
 Ion Ratio Lower Upper
 83 100
 85 59.7 50.2 75.2

Manual Integrations
 APPROVED

Reviewed By :John

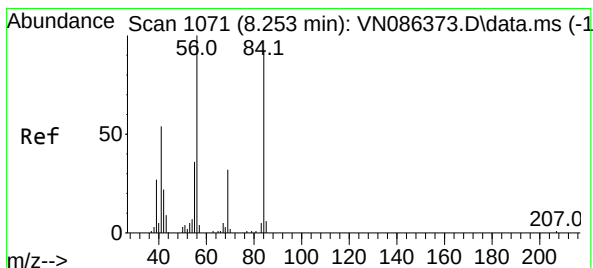
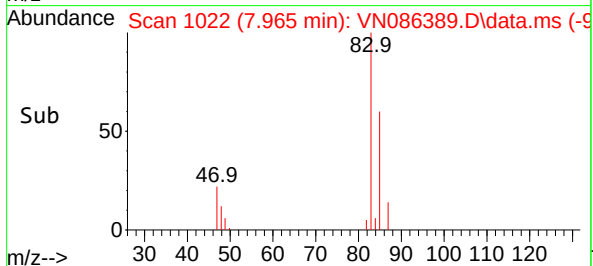
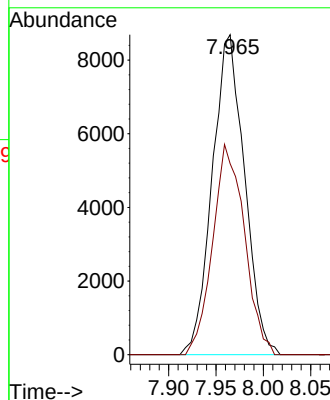
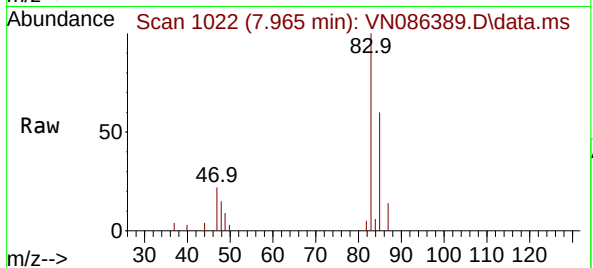
Carlone

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Supervised By :Mahesh

Dadoda

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#26

Cyclohexane

Concen: 5.227 ug/l

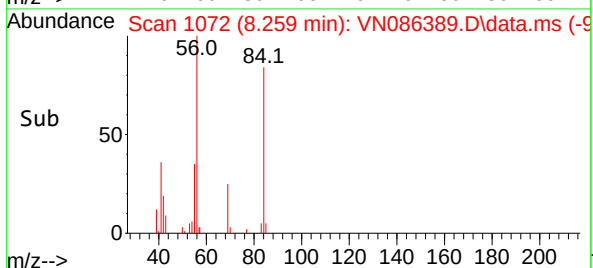
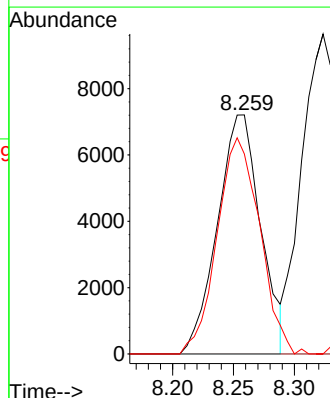
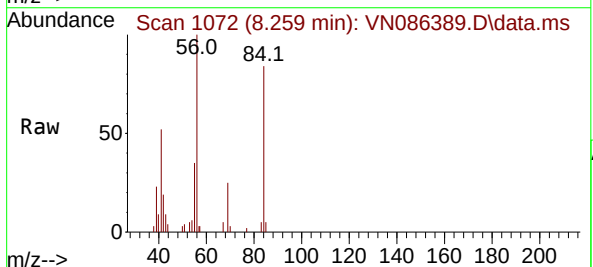
RT: 8.259 min Scan# 1072

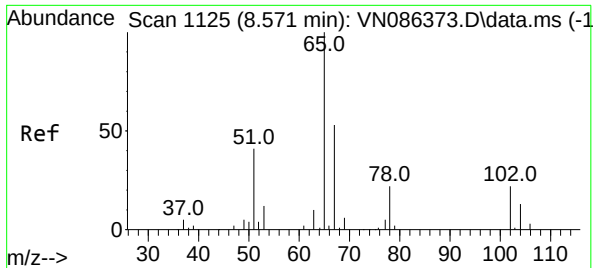
Delta R.T. 0.006 min

Lab File: VN086389.D

Acq: 23 Apr 2025 18:01

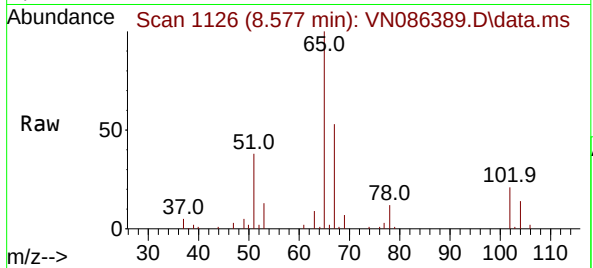
Tgt Ion: 56 Resp: 17770
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 89.2 71.5 107.3





#27
1,2-Dichloroethane-d4
Concen: 30.366 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

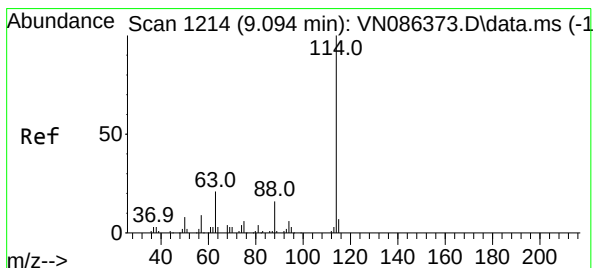
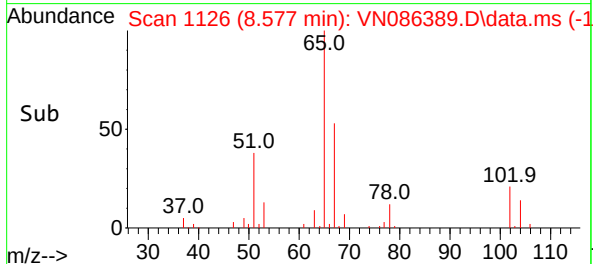
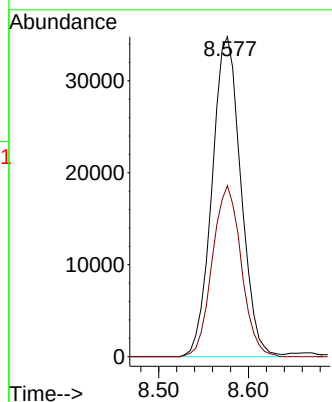


Tgt Ion: 65 Resp: 77644
Ion Ratio Lower Upper
65 100
67 53.5 42.5 63.7

Manual Integrations
APPROVED

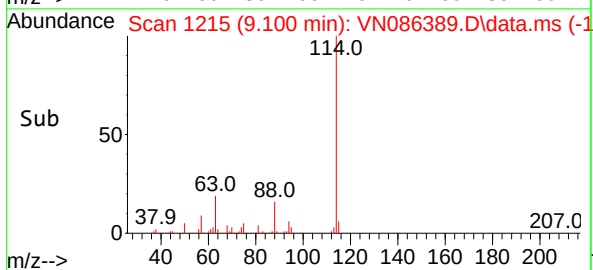
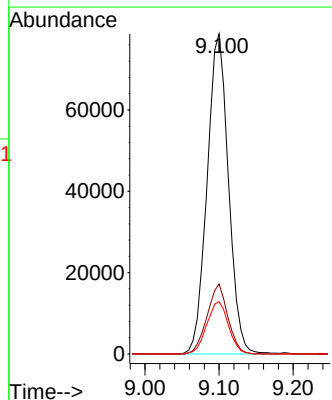
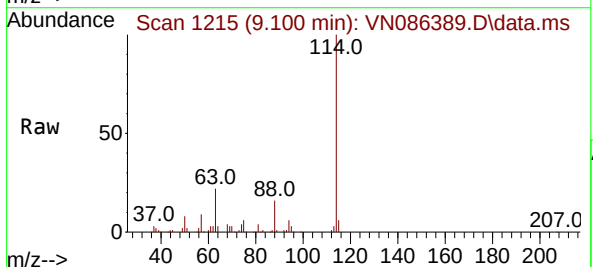
Reviewed By :John
Carlone
04/24/2025

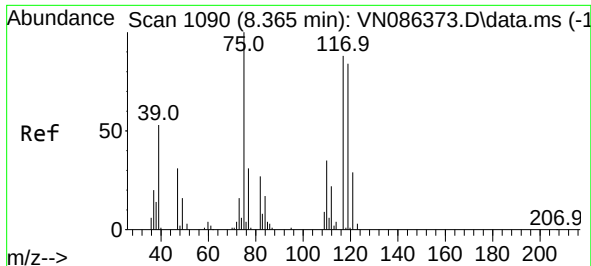
Supervised By :Mahesh
Dadoda
04/25/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

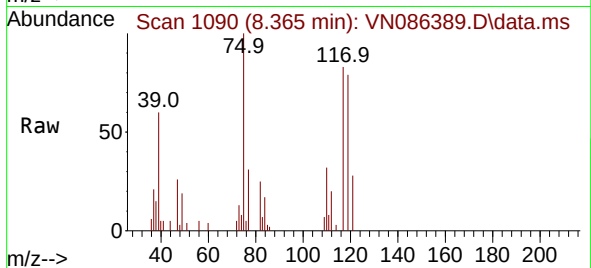
Tgt Ion:114 Resp: 157639
Ion Ratio Lower Upper
114 100
63 21.2 16.7 25.1
88 16.6 12.6 19.0





#29
1,1-Dichloropropene
Concen: 5.118 ug/l
RT: 8.365 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

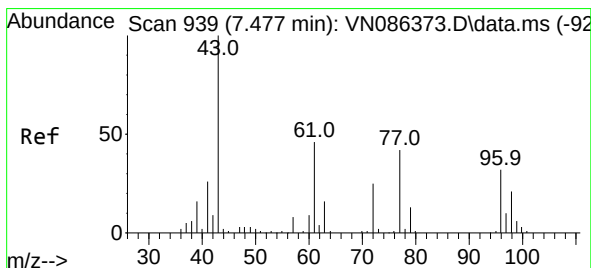
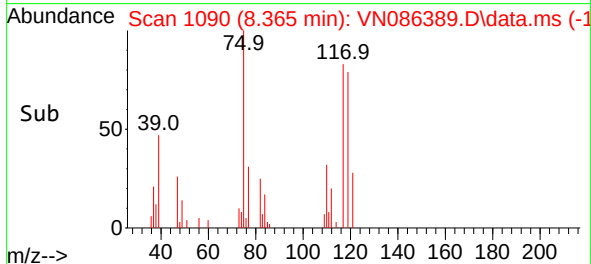
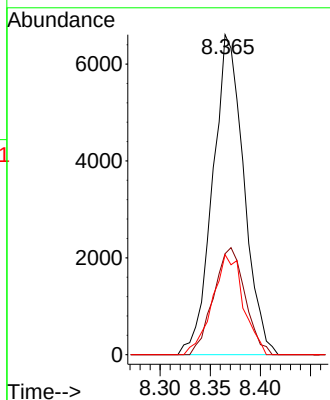


Tgt Ion: 75 Resp: 14224
Ion Ratio Lower Upper
75 100
110 33.9 0.0 68.0
77 31.2 0.0 61.4

Manual Integrations
APPROVED

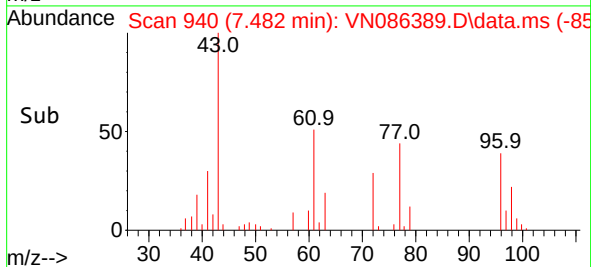
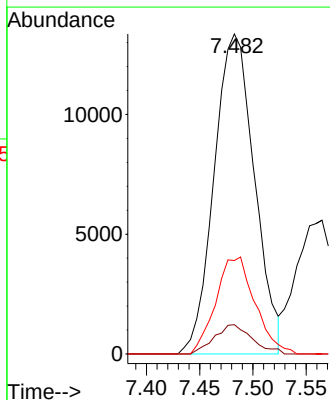
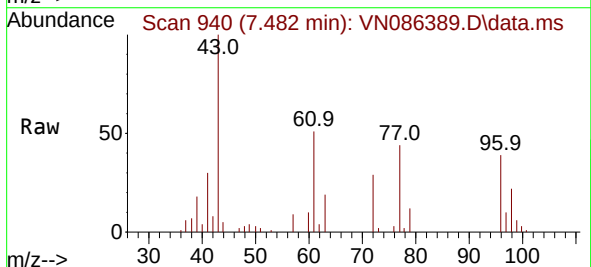
Reviewed By :John
Carlone
04/24/2025

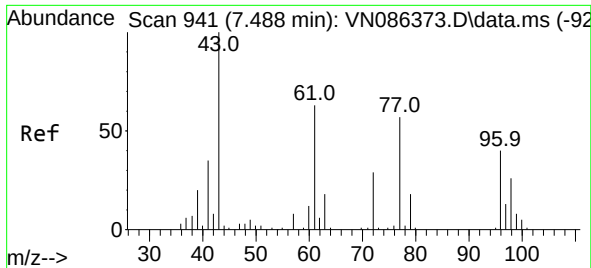
Supervised By :Mahesh
Dadoda
04/25/2025



#30
2-Butanone
Concen: 26.100 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

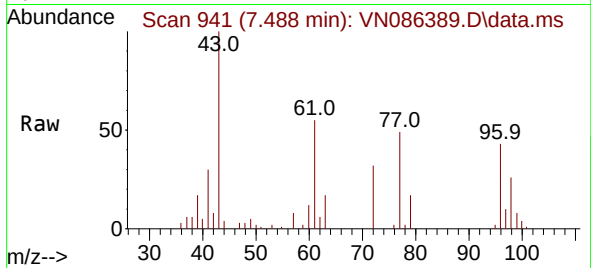
Tgt Ion: 43 Resp: 35205
Ion Ratio Lower Upper
43 100
57 8.3 6.6 10.0
72 29.3 22.2 33.4





#31
2,2-Dichloropropane
Concen: 4.908 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

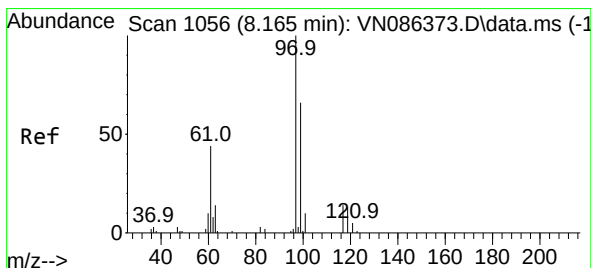
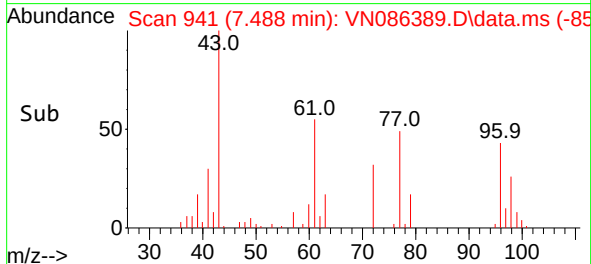
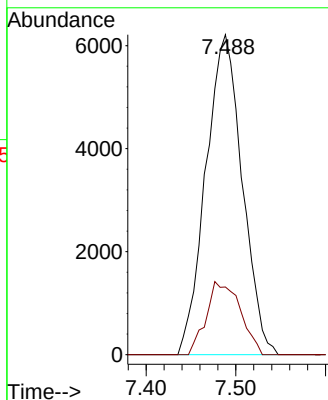


Tgt Ion: 77 Resp: 1753
Ion Ratio Lower Upper
77 100
97 21.2 18.2 27.2

Manual Integrations
APPROVED

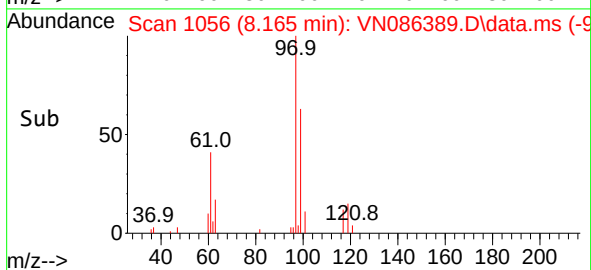
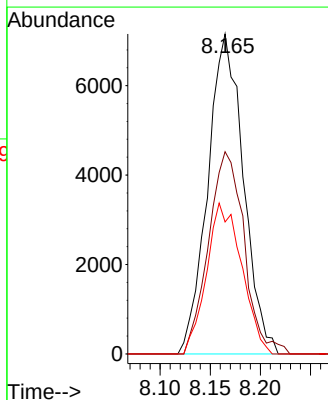
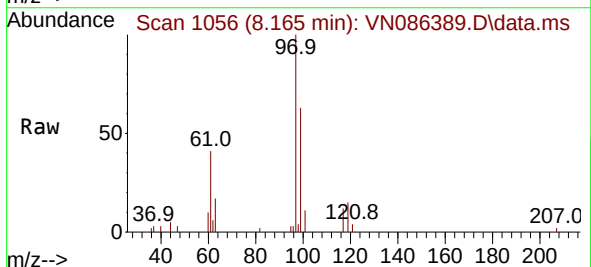
Reviewed By :John
Carlone
04/24/2025

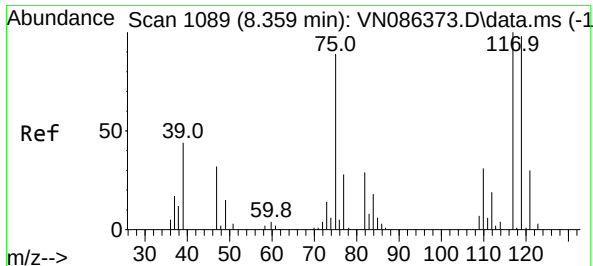
Supervised By :Mahesh
Dadoda
04/25/2025



#32
1,1,1-Trichloroethane
Concen: 5.325 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Tgt Ion: 97 Resp: 17684
Ion Ratio Lower Upper
97 100
99 62.0 52.6 79.0
61 46.5 36.4 54.6





#33

Carbon Tetrachloride

Concen: 5.223 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086389.D

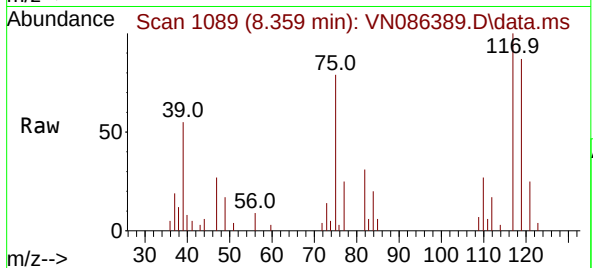
Acq: 23 Apr 2025 18:01

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion: 117 Resp: 14279

Ion	Ratio	Lower	Upper
117	100		
119	86.6	78.6	117.8
121	25.4	24.0	36.0

Manual Integrations

APPROVED

Reviewed By :John

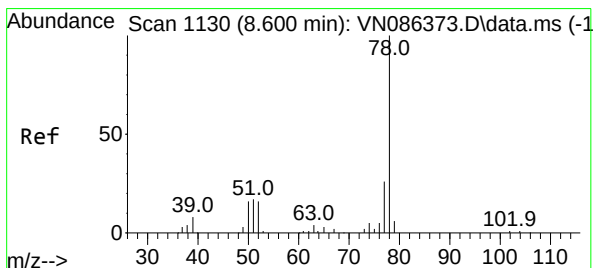
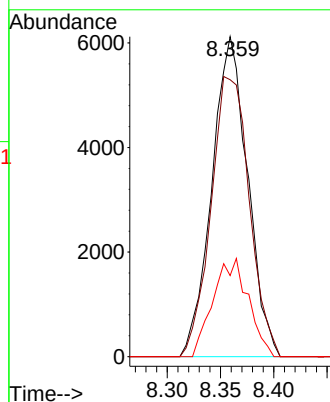
Carlone

04/24/2025

Supervised By :Mahesh

Dadoda

04/25/2025



#34

Benzene

Concen: 5.252 ug/l

RT: 8.600 min Scan# 1130

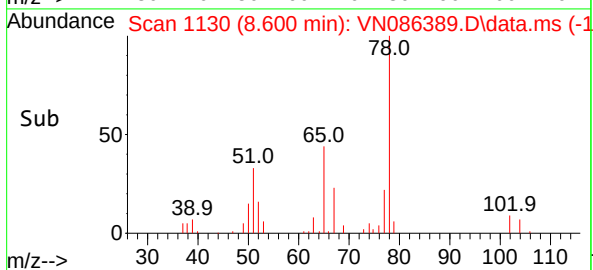
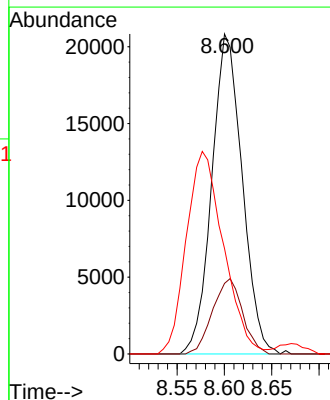
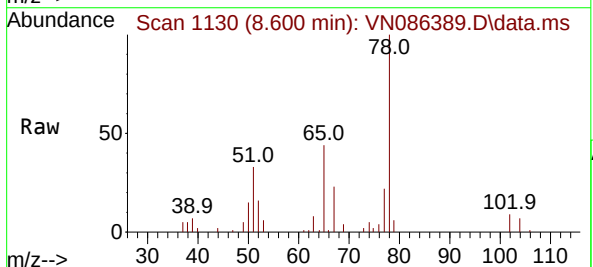
Delta R.T. -0.000 min

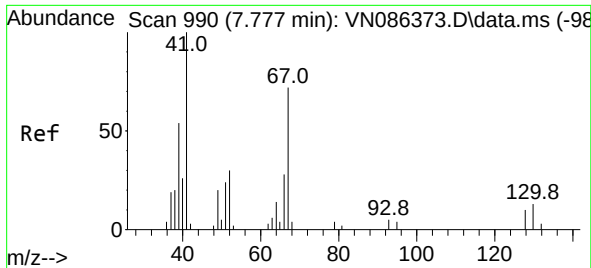
Lab File: VN086389.D

Acq: 23 Apr 2025 18:01

Tgt Ion: 78 Resp: 46427

Ion	Ratio	Lower	Upper
78	100		
77	22.0	20.8	31.2
51	30.2	14.0	21.0





#35
Methacrylonitrile
Concen: 5.656 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

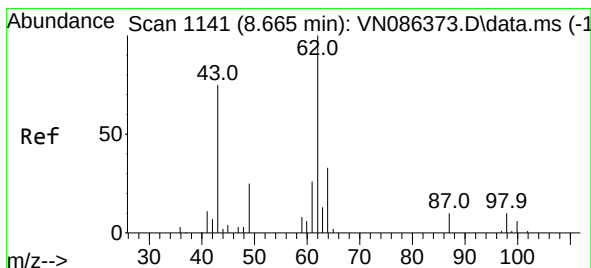
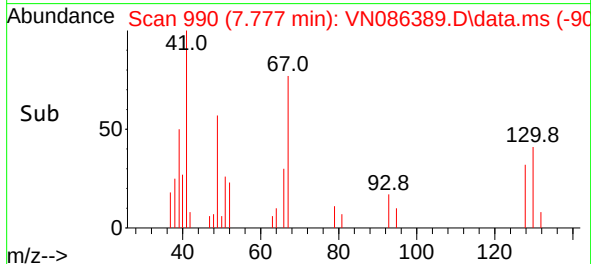
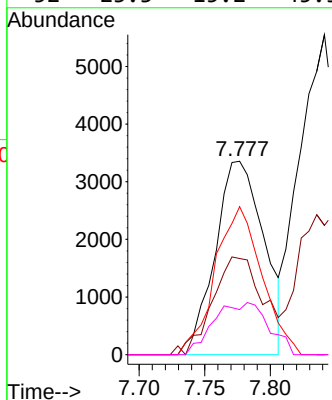
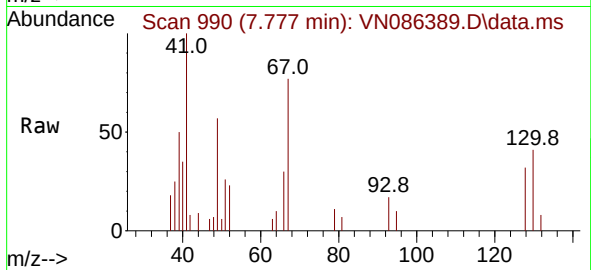
Instrument : MSVOA_N
Client Sample Id : LOQ-WATER-02-QT1-2025

Tgt Ion: 41	Resp: 870
Ion Ratio	Lower Upper
41	100
39	45.2 27.0 80.8
67	76.5 35.8 107.3
52	23.3 15.2 45.5

Manual Integrations
APPROVED

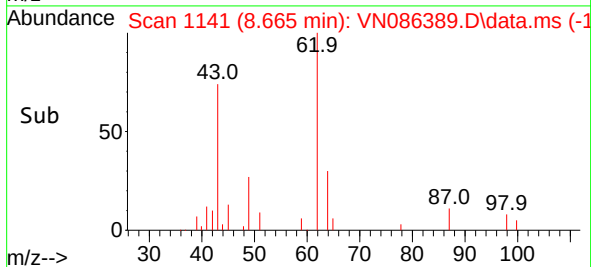
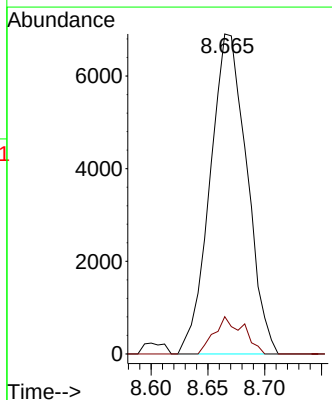
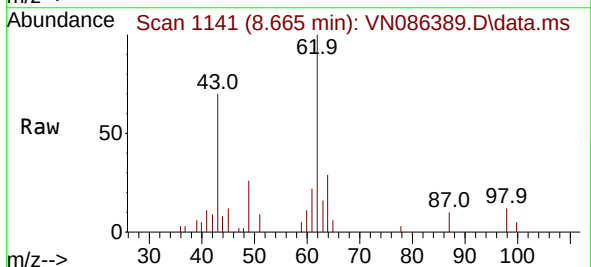
Reviewed By :John
Carlone
04/24/2025

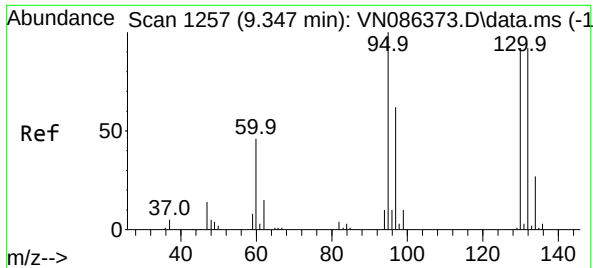
Supervised By :Mahesh
Dadoda
04/25/2025



#36
1,2-Dichloroethane
Concen: 5.418 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

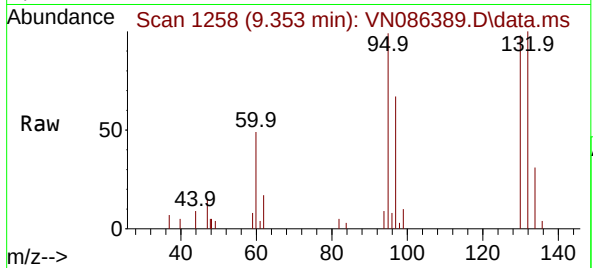
Tgt Ion: 62	Resp: 15548
Ion Ratio	Lower Upper
62	100
98	6.8 7.6 11.4#





#37
Trichloroethene
Concen: 4.942 ug/l
RT: 9.353 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

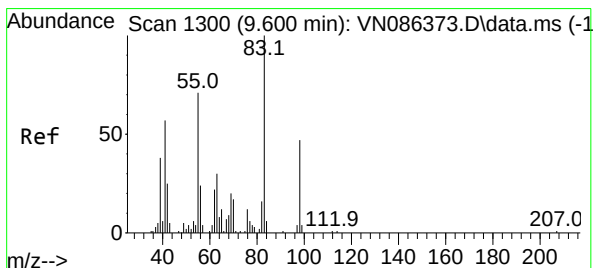
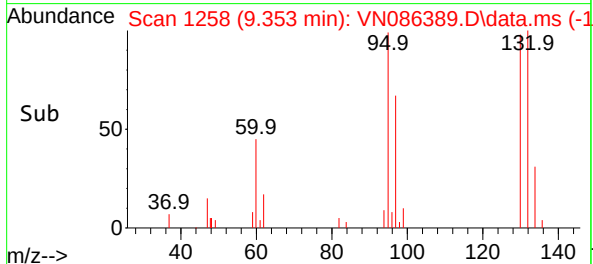
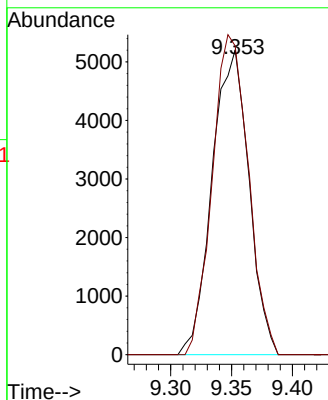


Tgt Ion:130 Resp: 1093
Ion Ratio Lower Upper
130 100
95 101.4 86.6 130.0

Manual Integrations
APPROVED

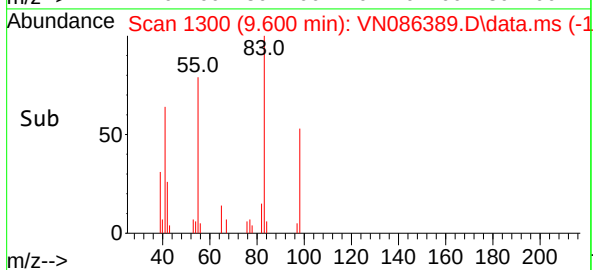
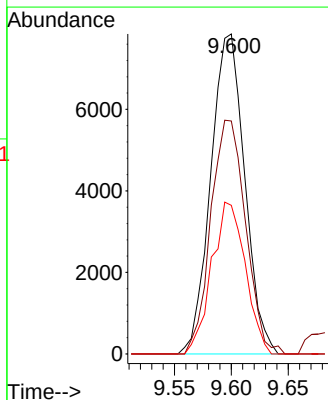
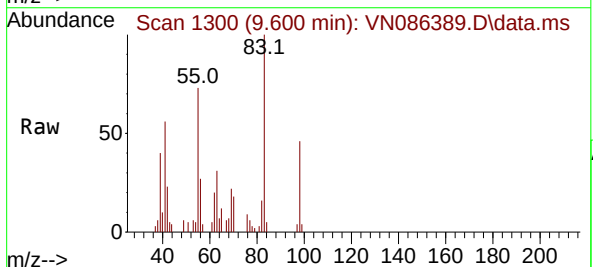
Reviewed By :John
Carlone
04/24/2025

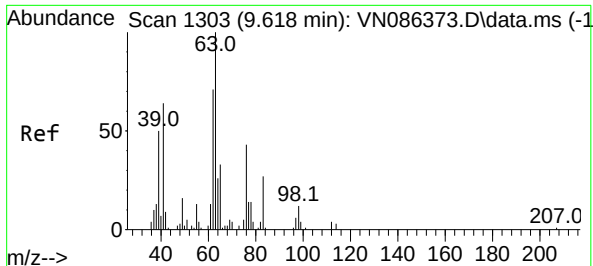
Supervised By :Mahesh
Dadoda
04/25/2025



#38
Methylcyclohexane
Concen: 5.086 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

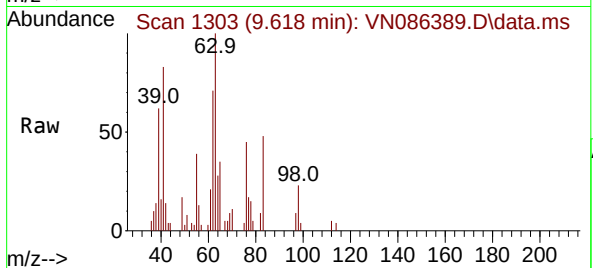
Tgt Ion: 83 Resp: 16324
Ion Ratio Lower Upper
83 100
55 74.4 37.3 111.9
98 46.8 23.8 71.5





#39
1,2-Dichloropropane
Concen: 5.181 ug/l
RT: 9.618 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

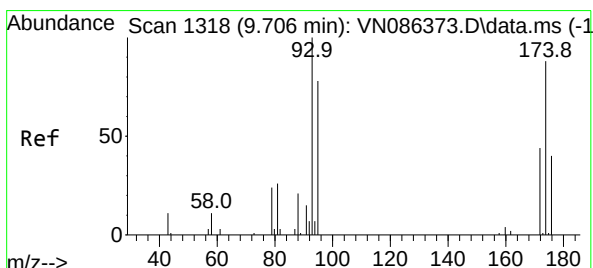
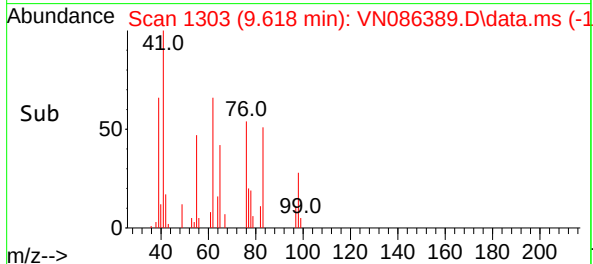
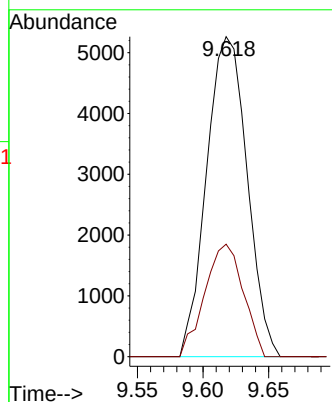


Tgt Ion: 63 Resp: 1131
Ion Ratio Lower Upper
63 100
65 35.2 26.7 40.1

Manual Integrations
APPROVED

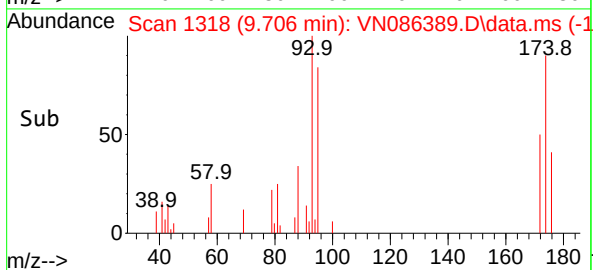
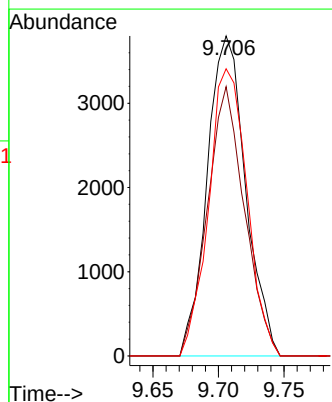
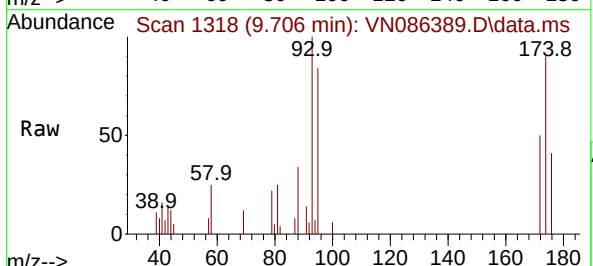
Reviewed By :John
Carlone
04/24/2025

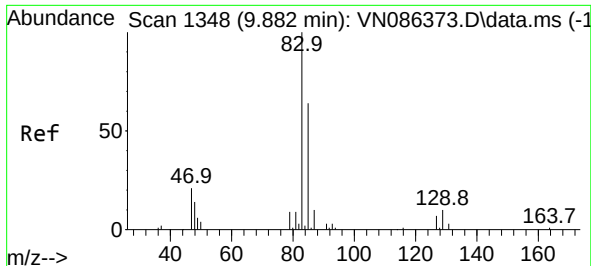
Supervised By :Mahesh
Dadoda
04/25/2025



#40
Dibromomethane
Concen: 5.306 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

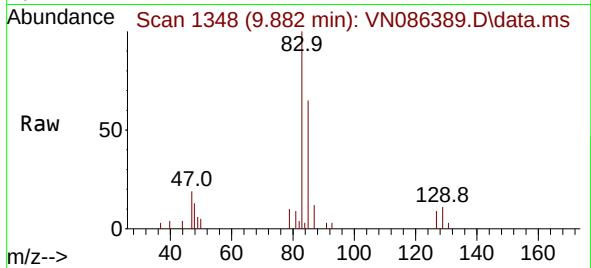
Tgt Ion: 93 Resp: 7748
Ion Ratio Lower Upper
93 100
95 81.3 0.0 159.2
174 89.3 0.0 171.4





#41
Bromodichloromethane
Concen: 5.096 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

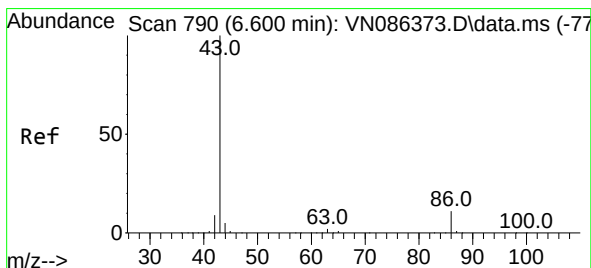
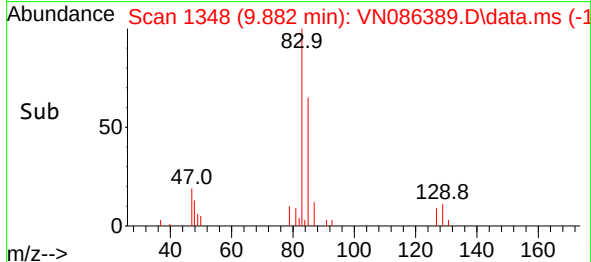
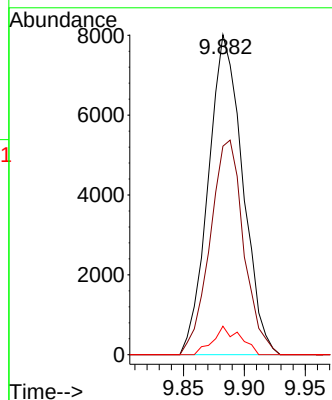


Tgt Ion: 83 Resp: 1574
Ion Ratio Lower Upper
83 100
85 65.1 51.1 76.7
127 8.9 5.9 8.9

Manual Integrations
APPROVED

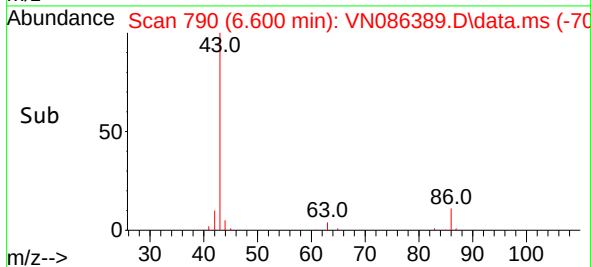
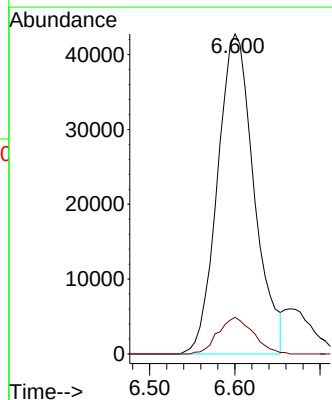
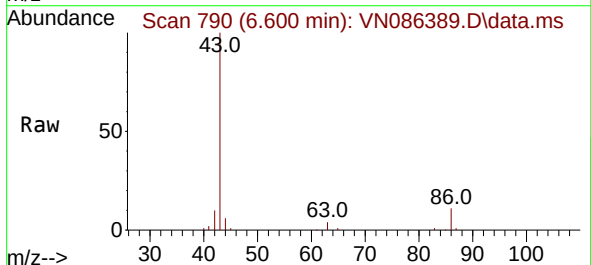
Reviewed By :John
Carlone
04/24/2025

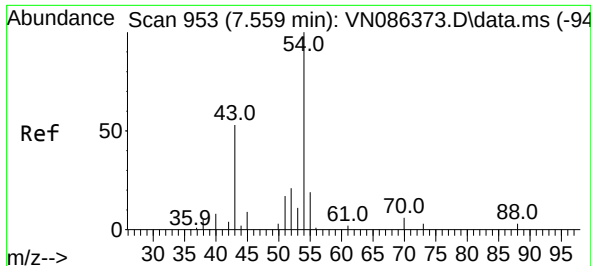
Supervised By :Mahesh
Dadoda
04/25/2025



#42
Vinyl Acetate
Concen: 27.307 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Tgt Ion: 43 Resp: 127596
Ion Ratio Lower Upper
43 100
86 11.0 8.9 13.3





#43

Ethyl Acetate

Concen: 5.527 ug/l m

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086389.D

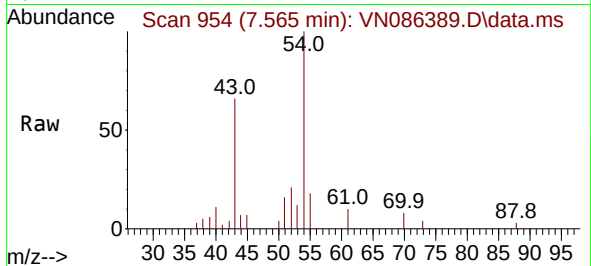
Acq: 23 Apr 2025 18:01

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion: 43 Resp: 14754

Ion Ratio Lower Upper

43 100

45 3.9 11.4 17.2

Manual Integrations

APPROVED

Reviewed By :John

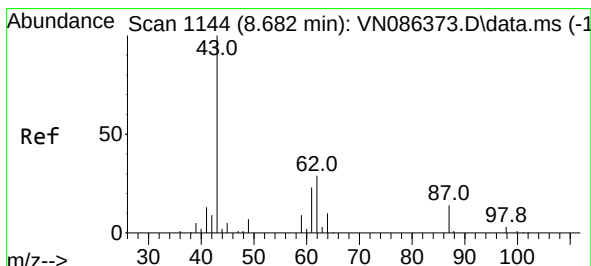
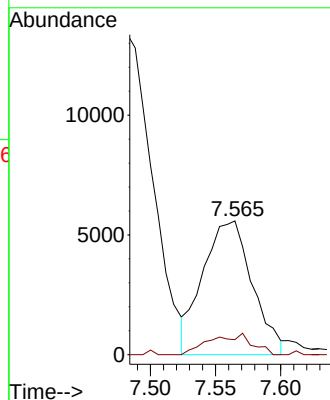
Carlone

04/24/2025

Supervised By :Mahesh

Dadoda

04/25/2025



#44

Isopropyl Acetate

Concen: 6.071 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN086389.D

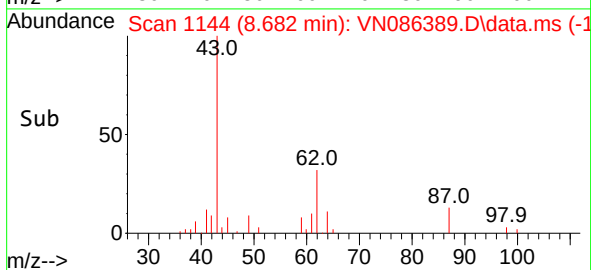
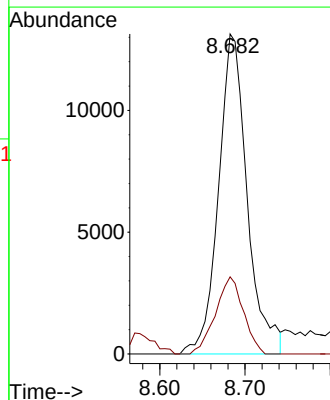
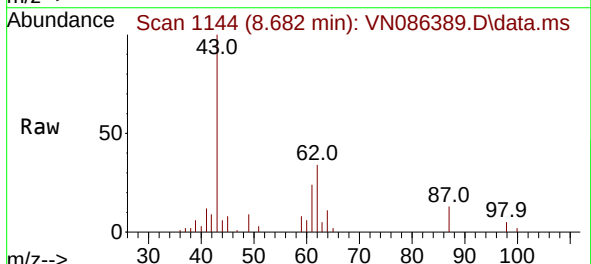
Acq: 23 Apr 2025 18:01

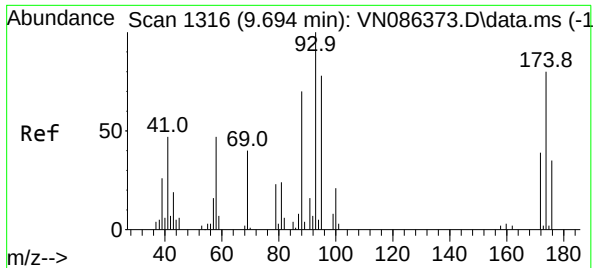
Tgt Ion: 43 Resp: 30759

Ion Ratio Lower Upper

43 100

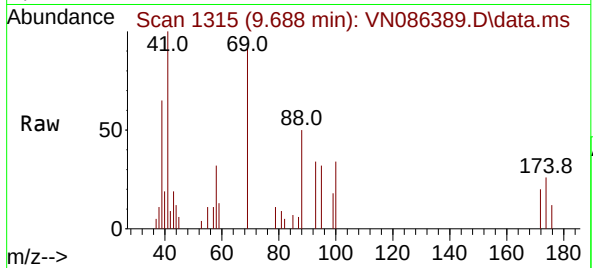
61 23.4 21.0 31.4





#45
1,4-Dioxane
Concen: 107.569 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

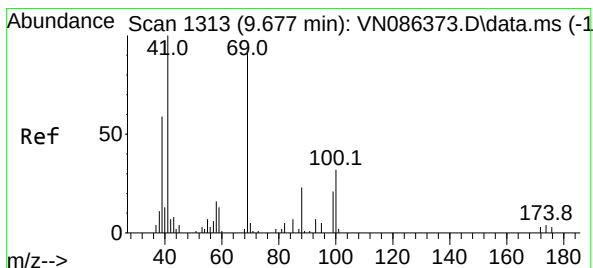
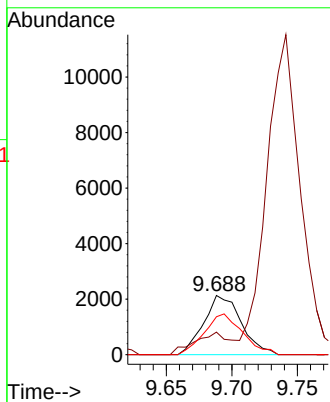
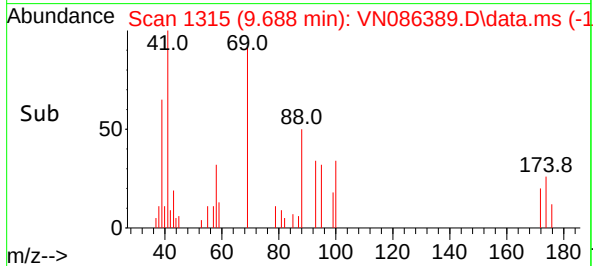


Tgt Ion: 88 Resp: 425
Ion Ratio Lower Upper
88 100
43 38.2 24.9 37.3
58 70.2 57.8 86.8

Manual Integrations
APPROVED

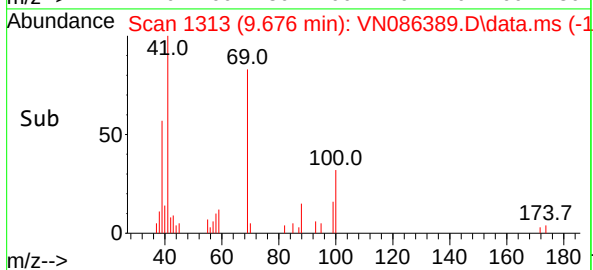
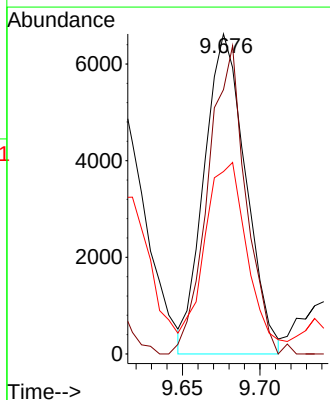
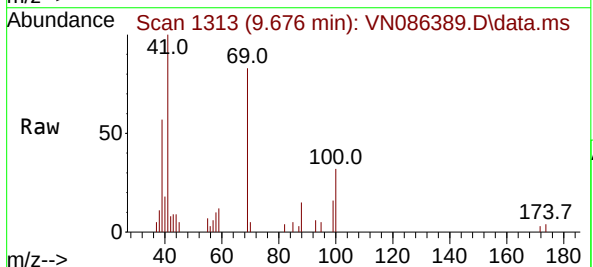
Reviewed By :John
Carlone
04/24/2025

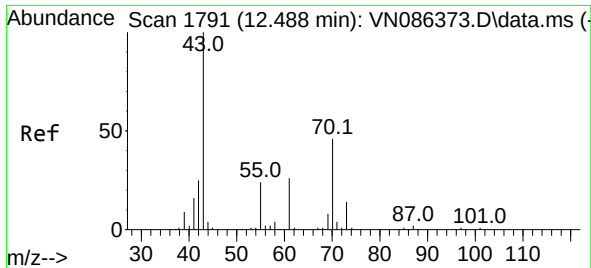
Supervised By :Mahesh
Dadoda
04/25/2025



#46
Methyl methacrylate
Concen: 5.290 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

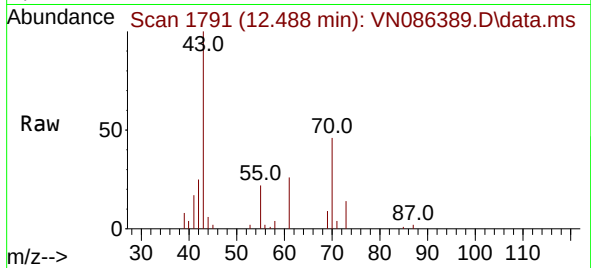
Tgt Ion: 41 Resp: 12363
Ion Ratio Lower Upper
41 100
69 86.6 44.1 132.3
39 55.1 30.0 90.1





#47
n-amyl acetate
Concen: 4.941 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

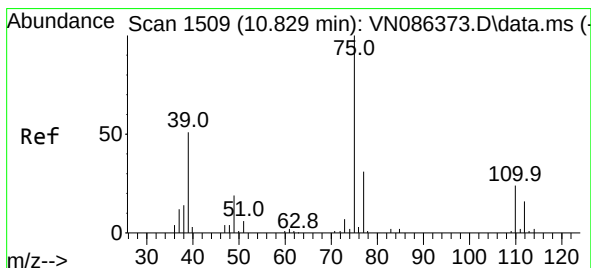
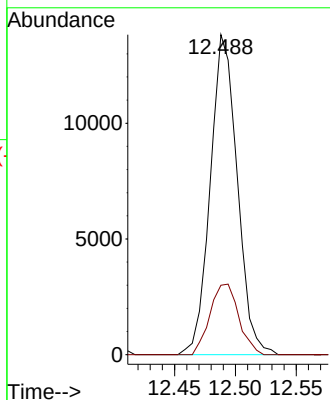
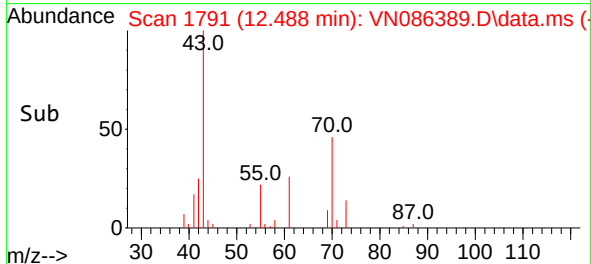


Tgt Ion: 43 Resp: 2133
Ion Ratio Lower Upper
43 100
55 23.5 19.4 29.0

Manual Integrations
APPROVED

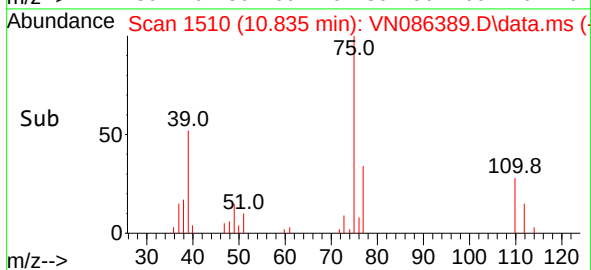
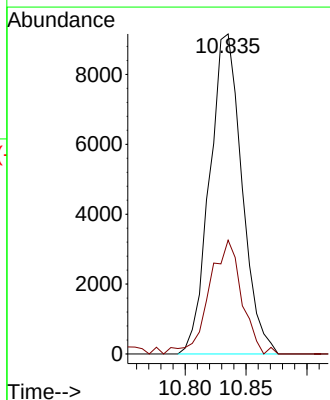
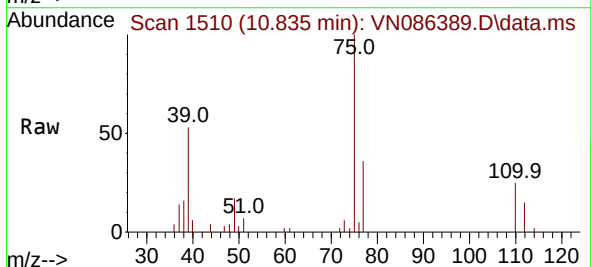
Reviewed By :John
Carlone
04/24/2025

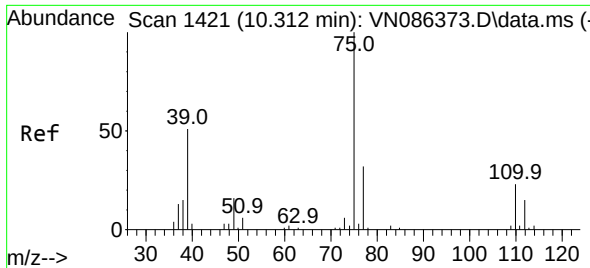
Supervised By :Mahesh
Dadoda
04/25/2025



#48
t-1,3-Dichloropropene
Concen: 4.899 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

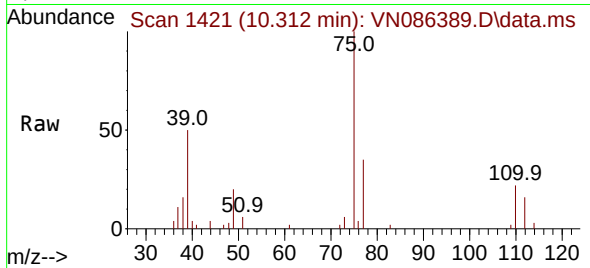
Tgt Ion: 75 Resp: 16925
Ion Ratio Lower Upper
75 100
77 35.5 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 5.132 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086389.D
 Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

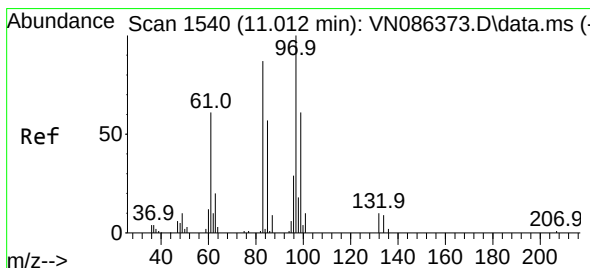
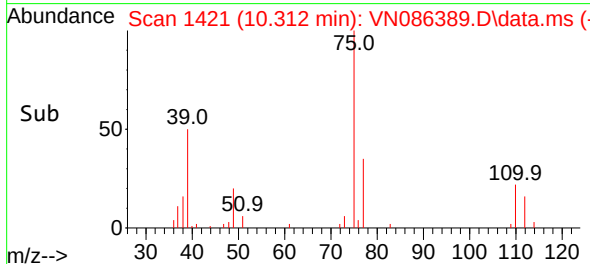
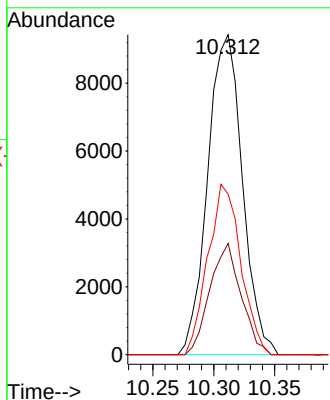


Tgt Ion: 75 Resp: 1869
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.6 38.4
 39 50.2 40.6 60.8

Manual Integrations
 APPROVED

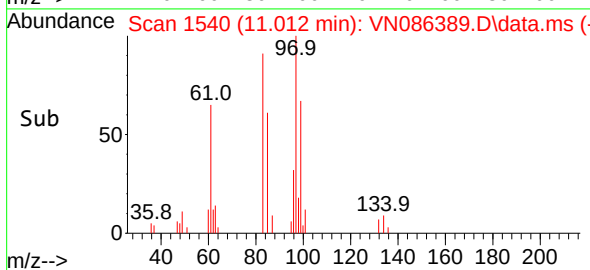
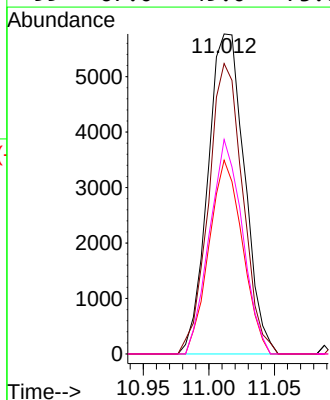
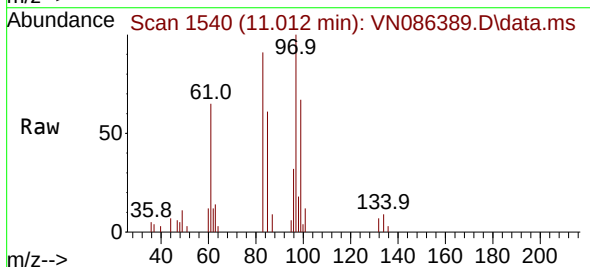
Reviewed By :John
 Carlone
 04/24/2025

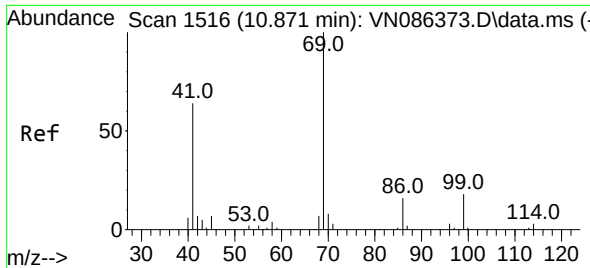
Supervised By :Mahesh
 Dadoda
 04/25/2025



#50
 1,1,2-Trichloroethane
 Concen: 5.496 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086389.D
 Acq: 23 Apr 2025 18:01

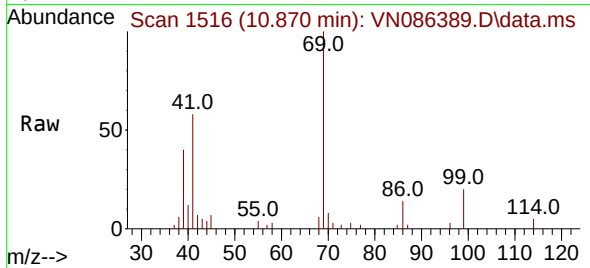
Tgt Ion: 97 Resp: 11211
 Ion Ratio Lower Upper
 97 100
 83 90.7 69.3 103.9
 85 60.5 45.5 68.3
 99 67.0 49.0 73.6





#51
Ethyl methacrylate
Concen: 4.928 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

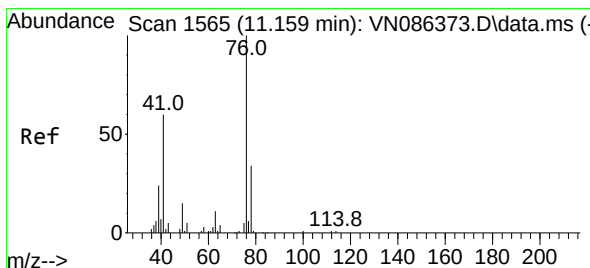
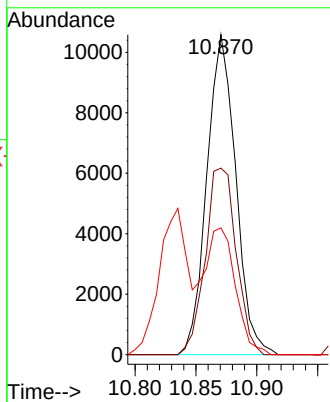
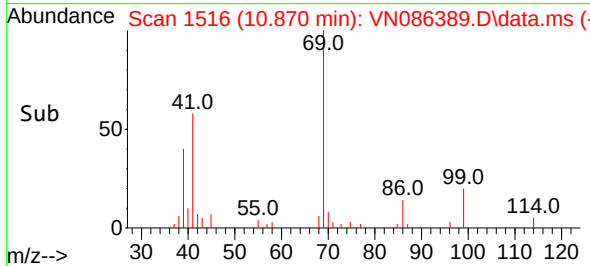


Tgt Ion: 69 Resp: 17500
Ion Ratio Lower Upper
69 100
41 58.3 32.3 96.8
39 39.7 19.1 57.1

Manual Integrations
APPROVED

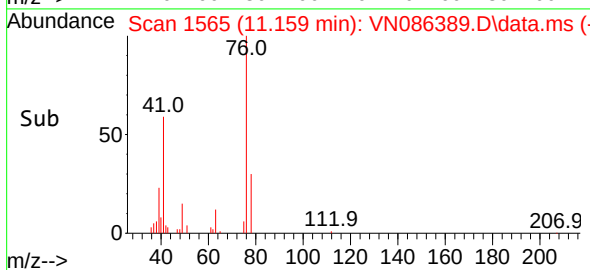
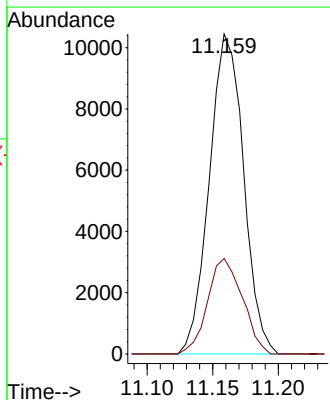
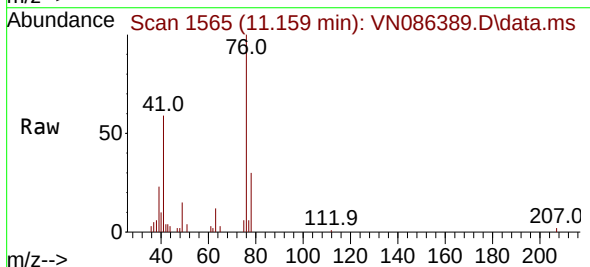
Reviewed By :John
Carlone
04/24/2025

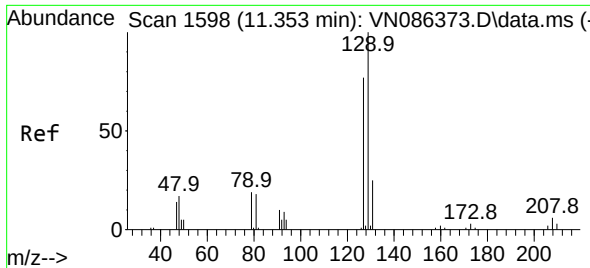
Supervised By :Mahesh
Dadoda
04/25/2025



#52
1,3-Dichloropropane
Concen: 5.265 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

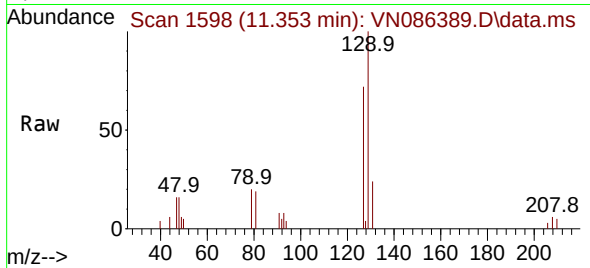
Tgt Ion: 76 Resp: 18979
Ion Ratio Lower Upper
76 100
78 30.3 0.0 65.6





#53
Dibromochloromethane
Concen: 5.045 ug/l
RT: 11.353 min Scan# 11554
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

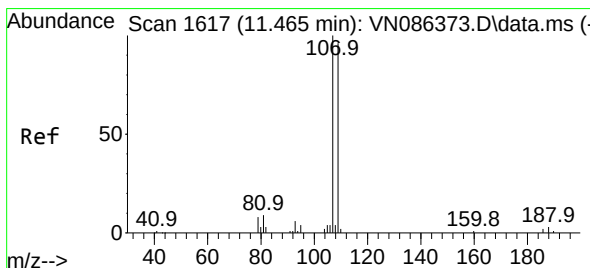
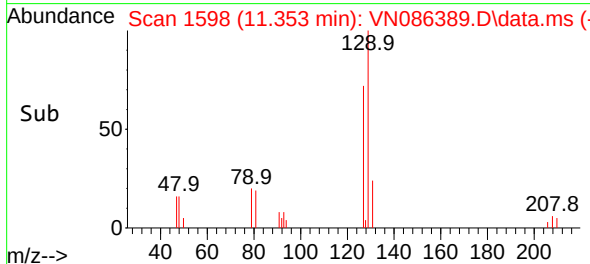
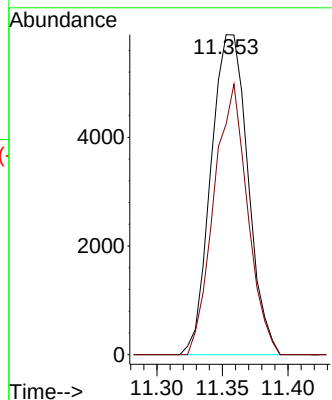


Tgt Ion:129 Resp: 11554
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3

Manual Integrations
APPROVED

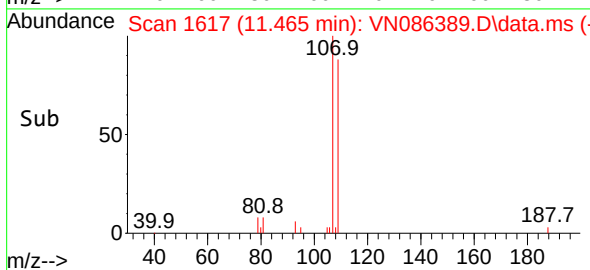
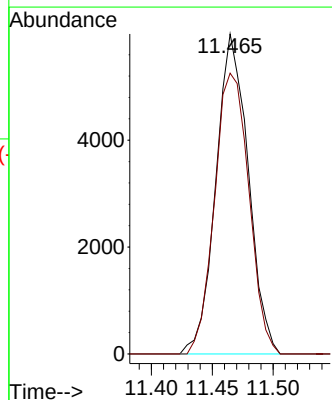
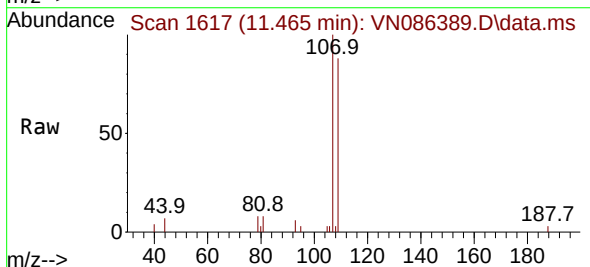
Reviewed By :John
Carlone
04/24/2025

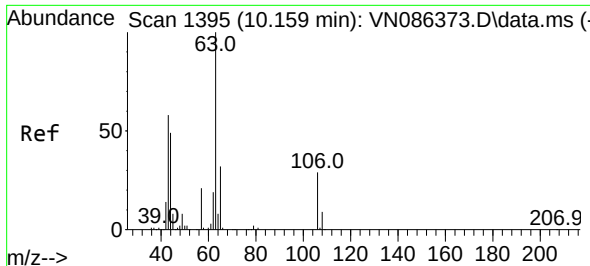
Supervised By :Mahesh
Dadoda
04/25/2025



#54
1,2-Dibromoethane
Concen: 5.332 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

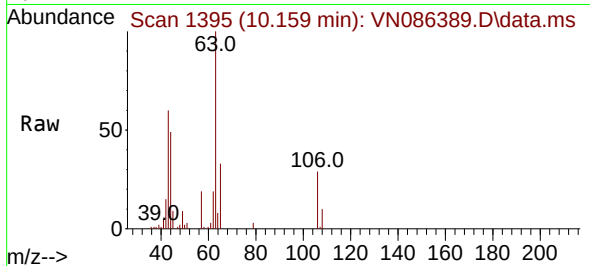
Tgt Ion:107 Resp: 11058
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.0





#55
2-Chloroethyl vinyl ether
Concen: 24.953 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

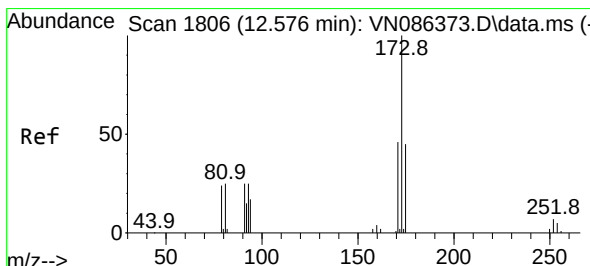
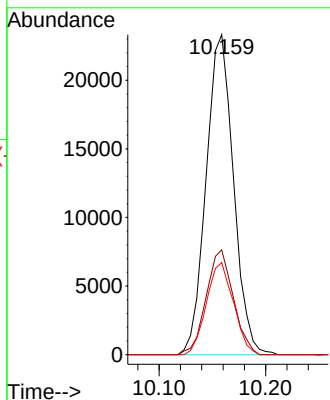
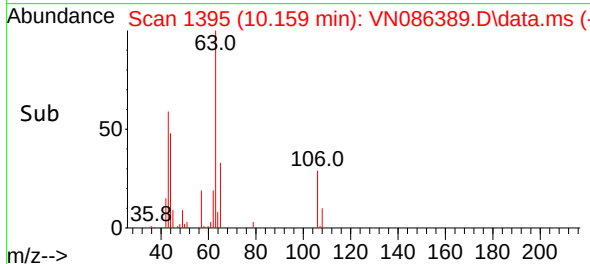


Tgt Ion:	63	Resp:	4167
Ion Ratio	Lower	Upper	
63	100		
65	32.4	25.7	38.5
106	28.3	22.3	33.5

Manual Integrations
APPROVED

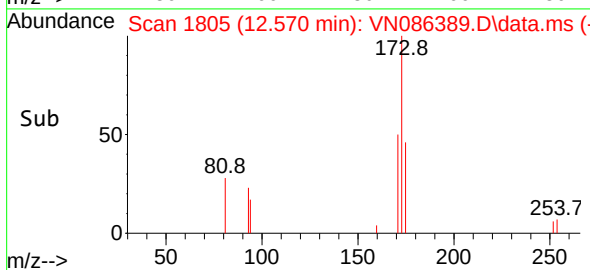
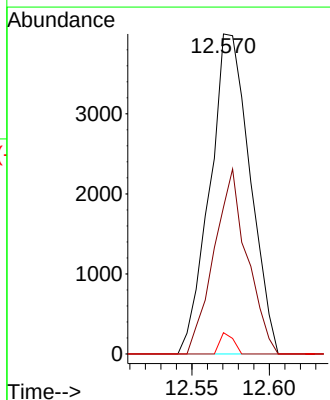
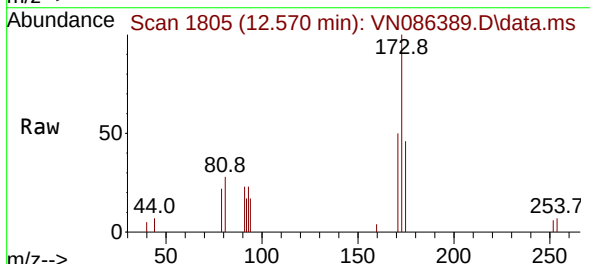
Reviewed By :John
Carlone
04/24/2025

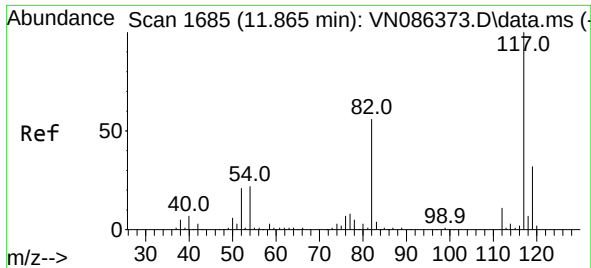
Supervised By :Mahesh
Dadoda
04/25/2025



#56
Bromoform
Concen: 4.835 ug/l
RT: 12.570 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

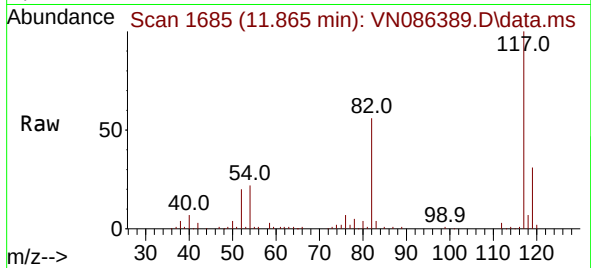
Tgt Ion:	173	Resp:	7186
Ion Ratio	Lower	Upper	
173	100		
175	47.8	39.0	58.6
254	2.3	3.8	5.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

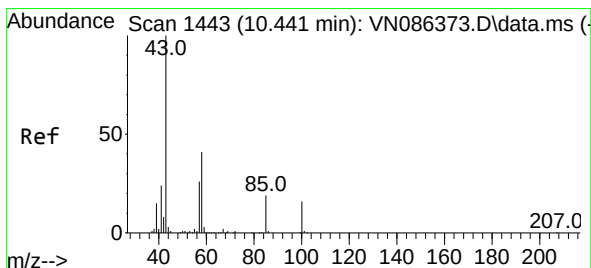
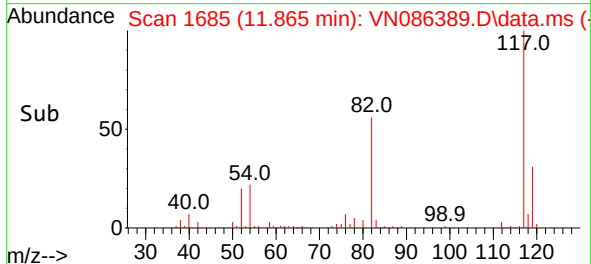
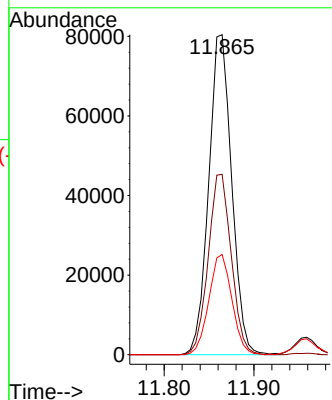


Tgt Ion: 117 Resp: 143224
Ion Ratio Lower Upper
117 100
82 56.6 45.5 68.3
119 31.4 25.9 38.9

Manual Integrations
APPROVED

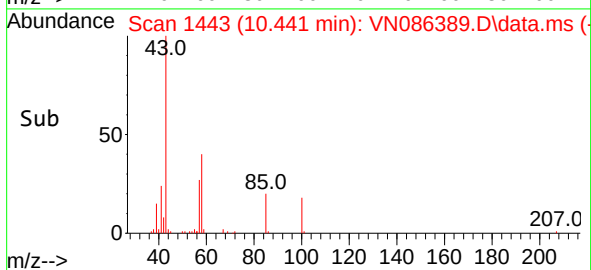
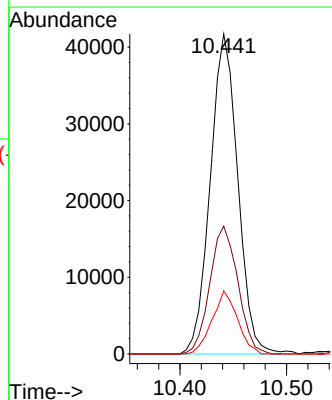
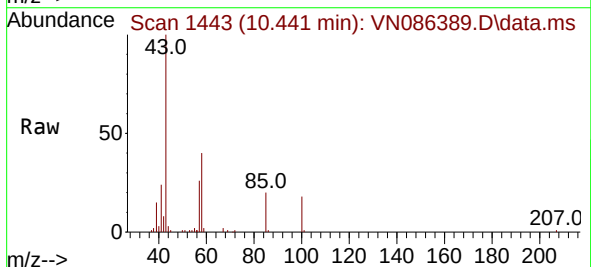
Reviewed By :John
Carlone
04/24/2025

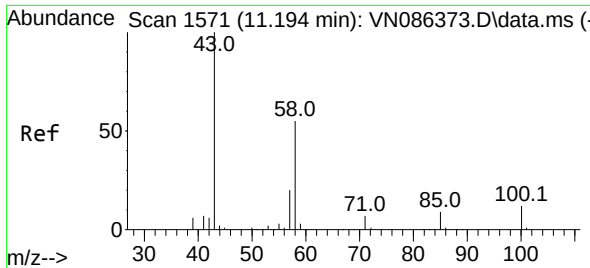
Supervised By :Mahesh
Dadoda
04/25/2025



#58
4-Methyl-2-Pentanone
Concen: 26.949 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

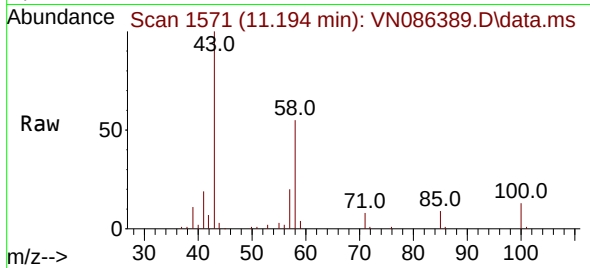
Tgt Ion: 43 Resp: 74692
Ion Ratio Lower Upper
43 100
58 40.7 33.0 49.6
85 18.2 14.9 22.3





#59
2-Hexanone
Concen: 26.715 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

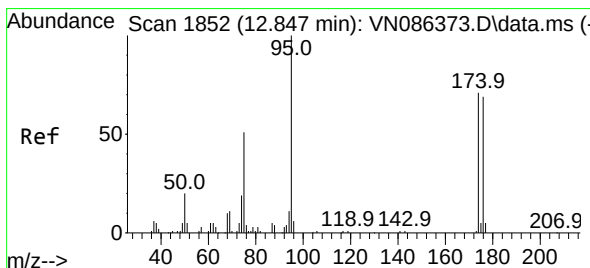
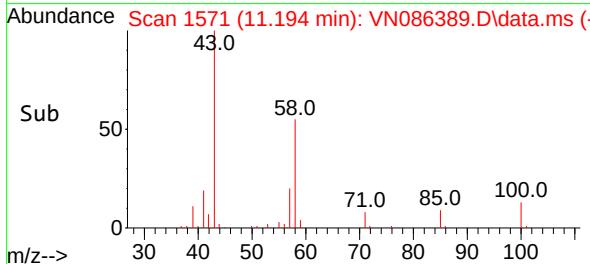
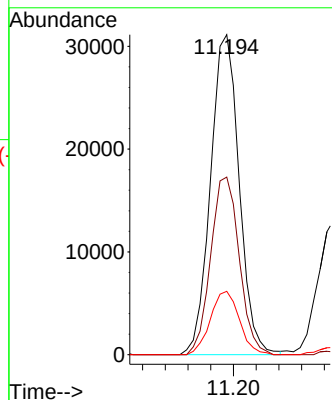


Tgt Ion: 43 Resp: 54564
Ion Ratio Lower Upper
43 100
58 55.3 45.0 67.6
57 20.1 15.5 23.3

Manual Integrations
APPROVED

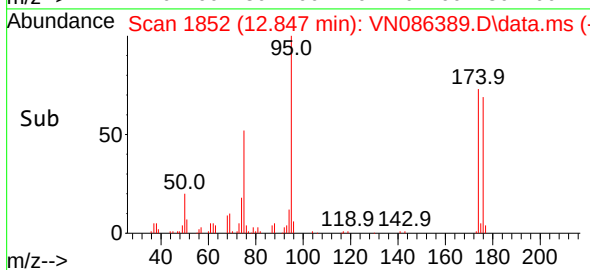
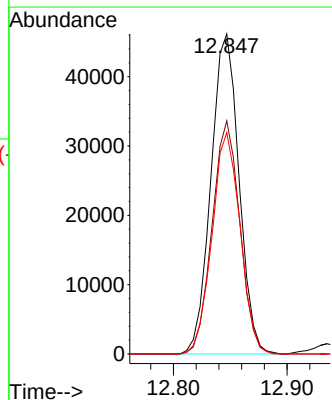
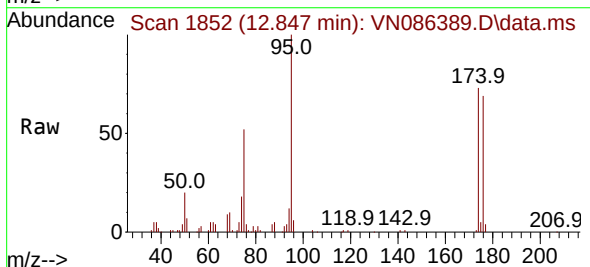
Reviewed By :John
Carlone
04/24/2025

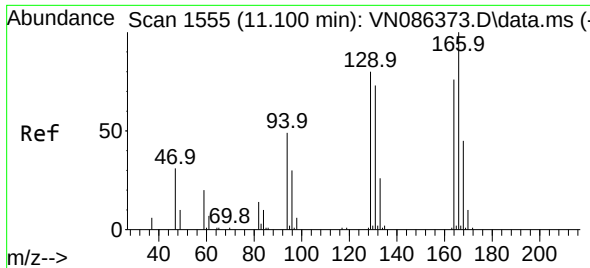
Supervised By :Mahesh
Dadoda
04/25/2025



#60
4-Bromofluorobenzene
Concen: 28.107 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

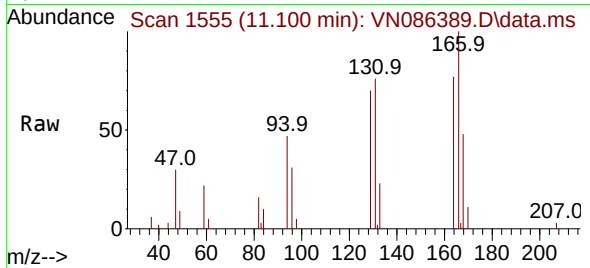
Tgt Ion: 95 Resp: 79121
Ion Ratio Lower Upper
95 100
174 72.0 56.6 84.8
176 69.1 53.3 79.9





#61
Tetrachloroethene
Concen: 4.976 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

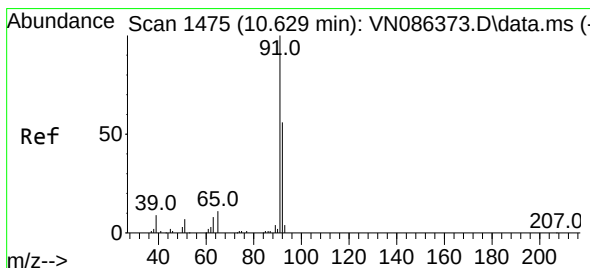
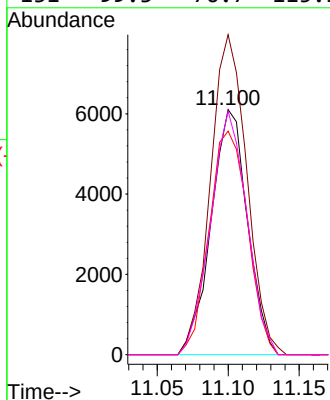
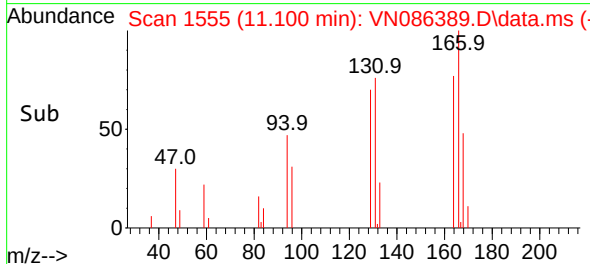


Tgt Ion:164 Resp: 10870
Ion Ratio Lower Upper
164 100
166 130.6 105.0 157.4
129 91.2 83.9 125.9
131 99.3 76.7 115.1

Manual Integrations
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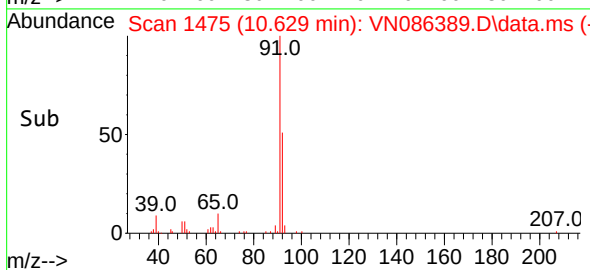
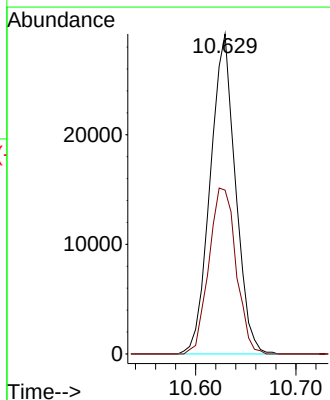
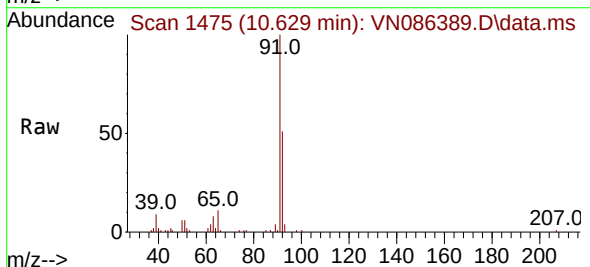
Reviewed By :John
Carlone
04/24/2025

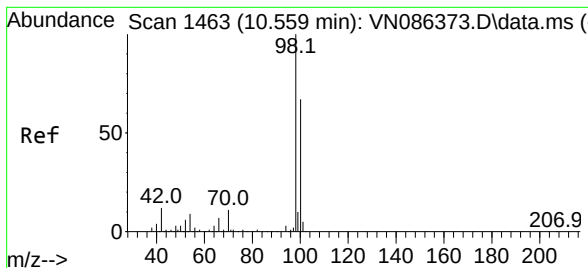
Supervised By :Mahesh
Dadoda
04/25/2025



#62
Toluene
Concen: 5.319 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

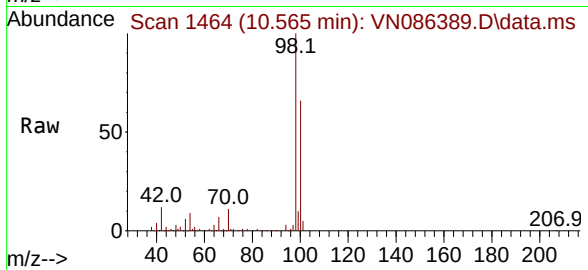
Tgt Ion: 91 Resp: 50994
Ion Ratio Lower Upper
91 100
92 55.9 45.7 68.5





#63
Toluene-d8
Concen: 30.492 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

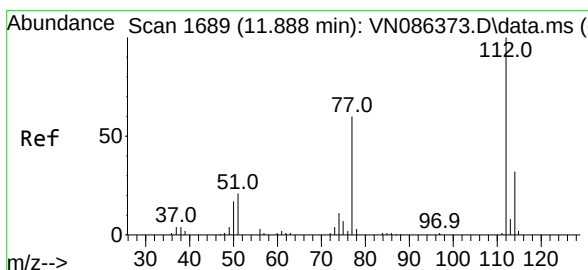
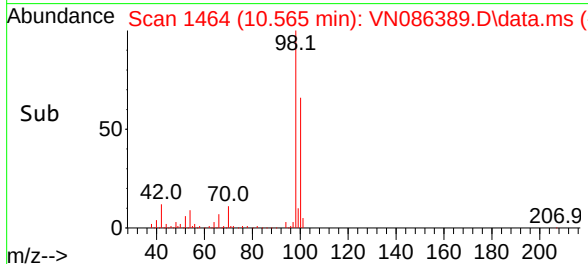
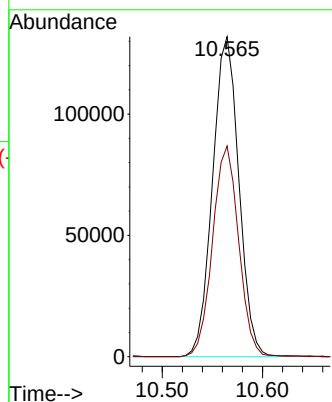


Tgt Ion: 98 Resp: 240260
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

Manual Integrations
APPROVED

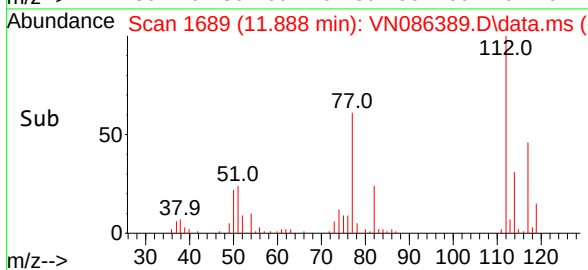
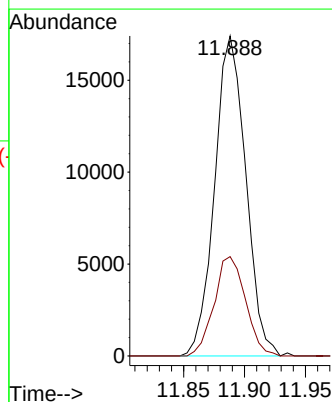
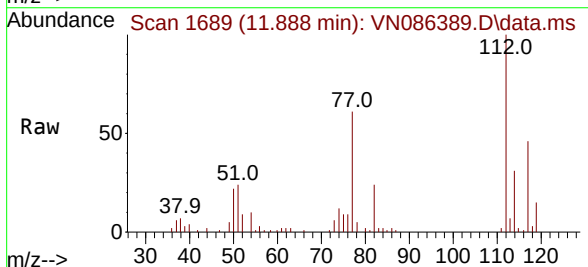
Reviewed By :John
Carlone
04/24/2025

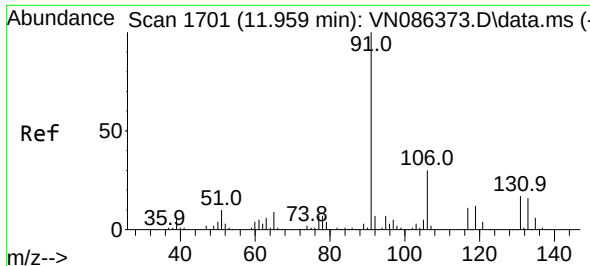
Supervised By :Mahesh
Dadoda
04/25/2025



#64
Chlorobenzene
Concen: 5.178 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

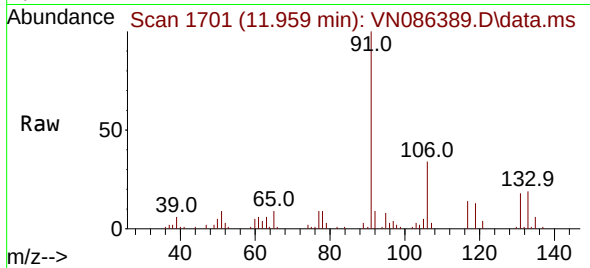
Tgt Ion:112 Resp: 30934
Ion Ratio Lower Upper
112 100
114 31.1 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 4.887 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

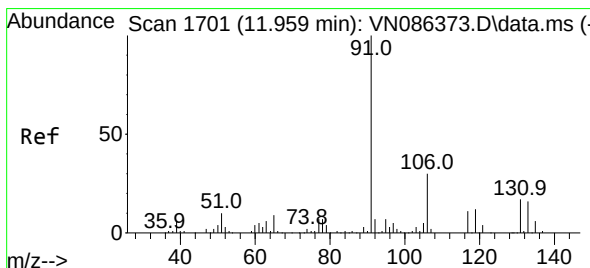
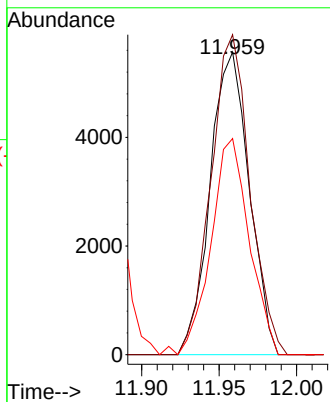
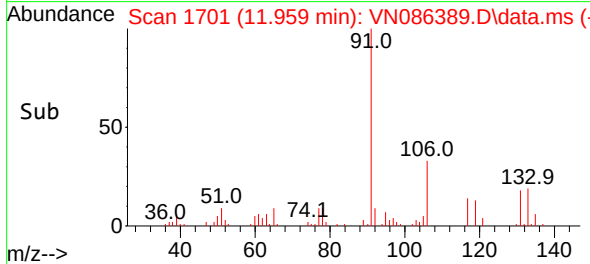


Tgt Ion:131 Resp: 976
Ion Ratio Lower Upper
131 100
133 105.5 0.0 191.4
119 69.6 0.0 133.6

Manual Integrations
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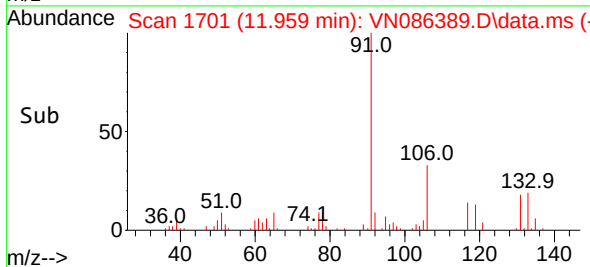
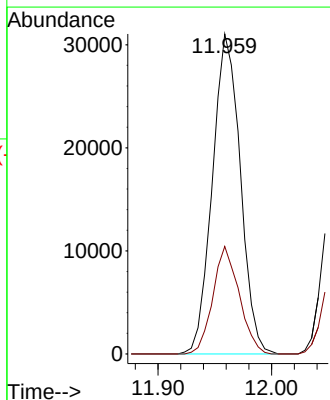
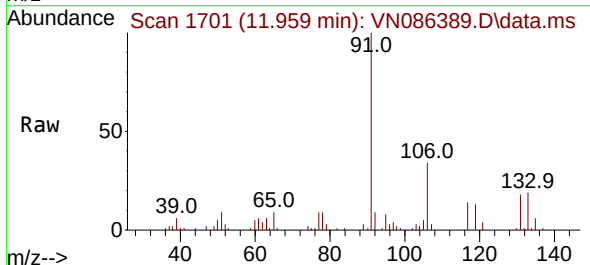
Reviewed By :John
Carlone
04/24/2025

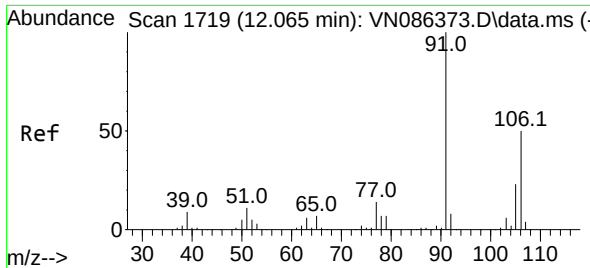
Supervised By :Mahesh
Dadoda
04/25/2025



#66
Ethyl Benzene
Concen: 4.913 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Tgt Ion: 91 Resp: 53014
Ion Ratio Lower Upper
91 100
106 33.6 24.3 36.5





#67
m/p-Xylenes
Concen: 9.959 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

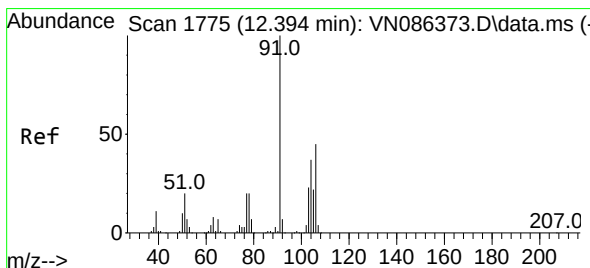
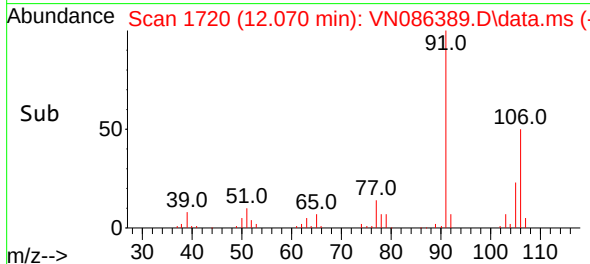
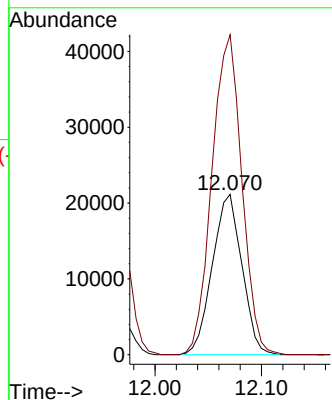
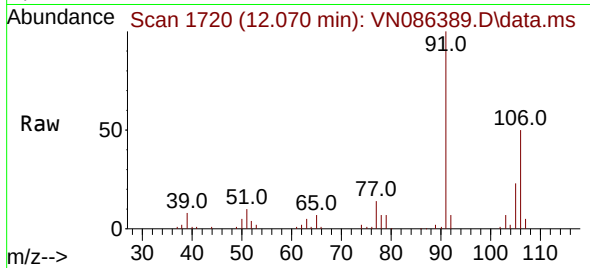
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:106 Resp: 40778
Ion Ratio Lower Upper
106 100
91 201.5 162.6 243.8

Manual Integrations
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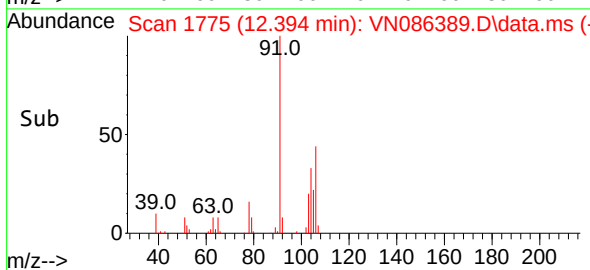
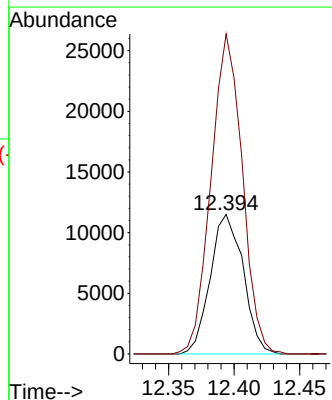
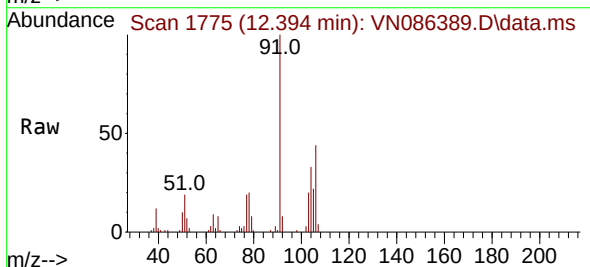
Reviewed By :John
Carlone
04/24/2025

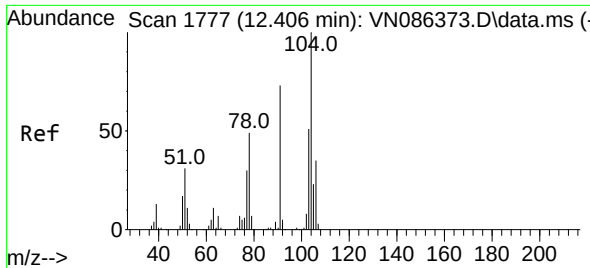
Supervised By :Mahesh
Dadoda
04/25/2025



#68
o-Xylene
Concen: 5.019 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

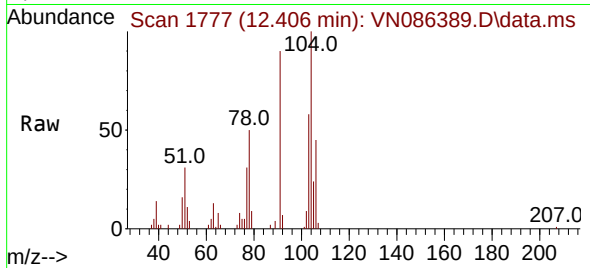
Tgt Ion:106 Resp: 20119
Ion Ratio Lower Upper
106 100
91 217.4 110.6 331.6





#69
Styrene
Concen: 4.683 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

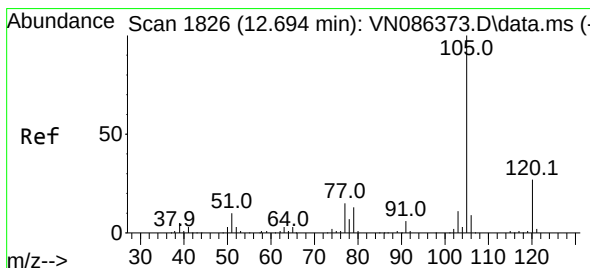
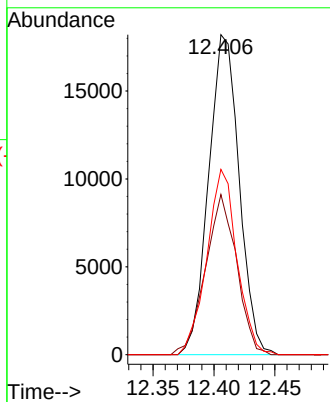
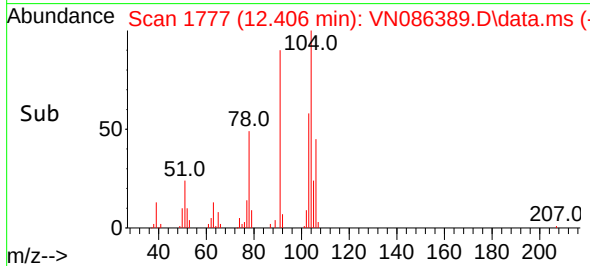


Tgt Ion:104 Resp: 31818
Ion Ratio Lower Upper
104 100
78 50.9 40.2 60.4
103 57.1 43.8 65.8

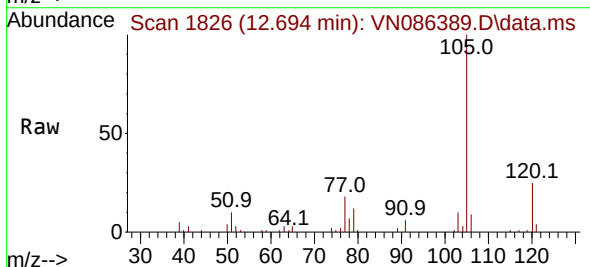
Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/24/2025

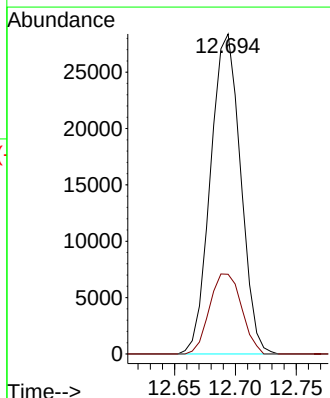
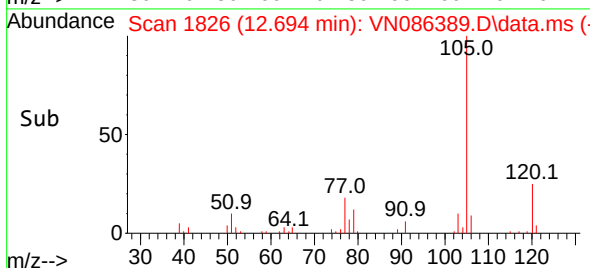
Supervised By :Mahesh
Dadoda
04/25/2025

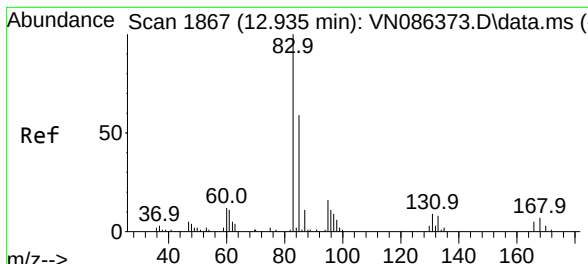


#70
Isopropylbenzene
Concen: 4.887 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01



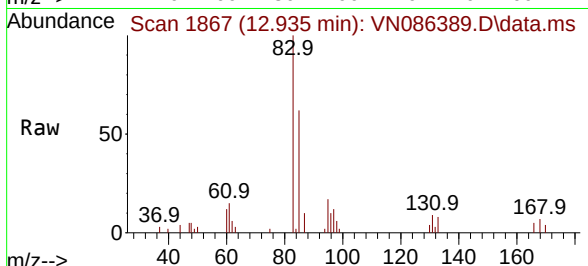
Tgt Ion:105 Resp: 48906
Ion Ratio Lower Upper
105 100
120 26.5 18.2 33.8





#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.586 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086389.D
 Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

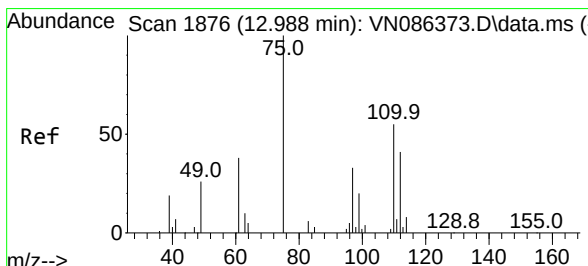
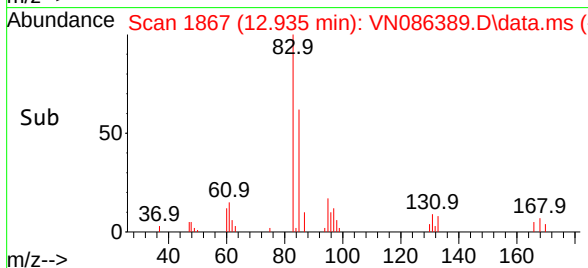
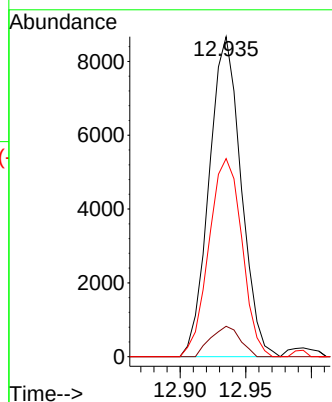


Tgt Ion: 83 Resp: 14719
 Ion Ratio Lower Upper
 83 100
 131 8.7 4.5 13.7
 85 63.9 31.7 95.1

Manual Integrations
 APPROVED

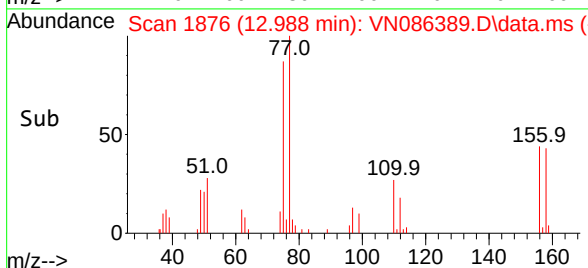
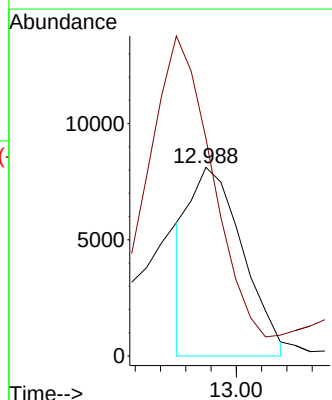
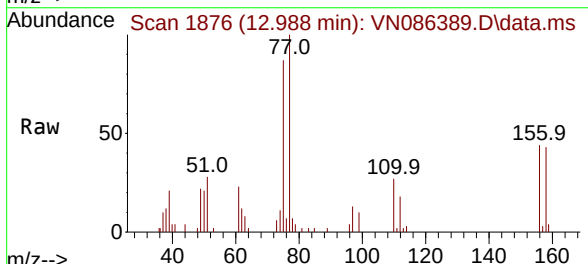
Reviewed By :John
 Carlone
 04/24/2025

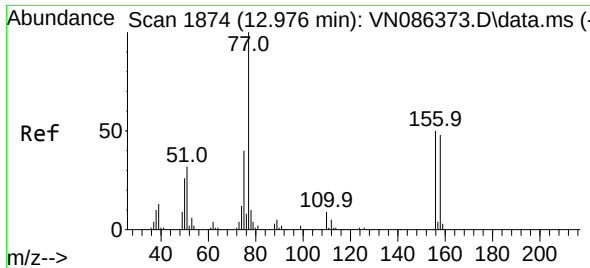
Supervised By :Mahesh
 Dadoda
 04/25/2025



#72
 1,2,3-Trichloropropane
 Concen: 5.205 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086389.D
 Acq: 23 Apr 2025 18:01

Tgt Ion: 75 Resp: 11958
 Ion Ratio Lower Upper
 75 100
 77 216.7 0.0 464.4





#73
Bromobenzene
Concen: 4.872 ug/l
RT: 12.976 min Scan# 1120
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

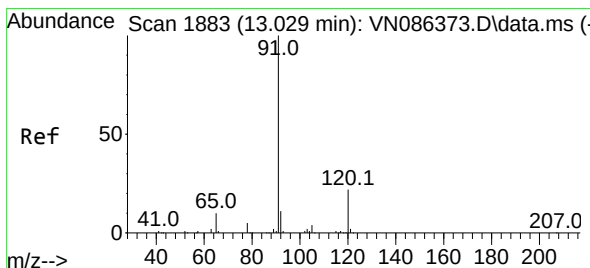
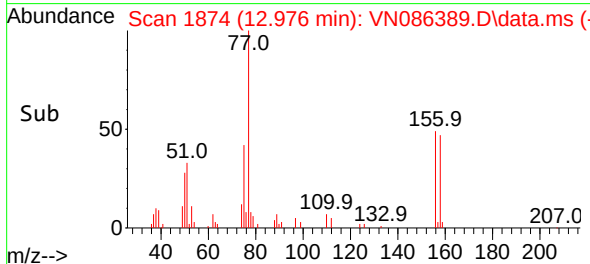
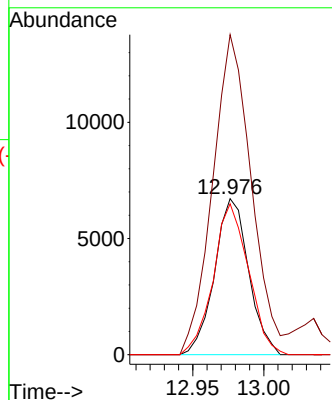
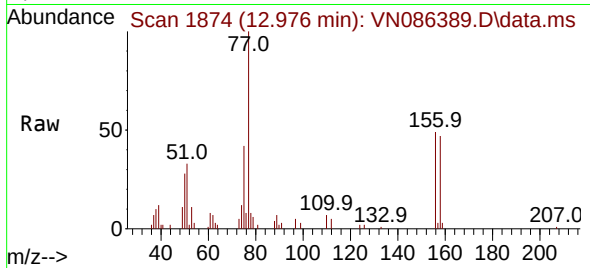
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

Tgt Ion:156 Resp: 1120
Ion Ratio Lower Upper
156 100
77 231.2 0.0 463.4
158 99.8 0.0 191.8

Manual Integrations
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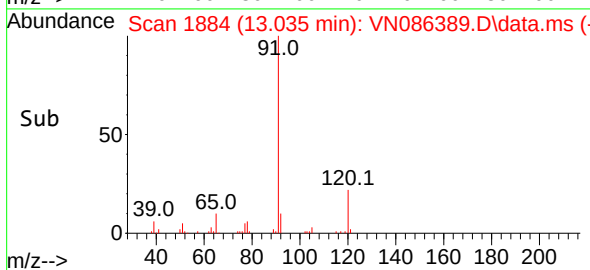
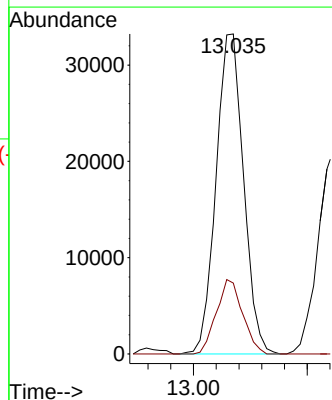
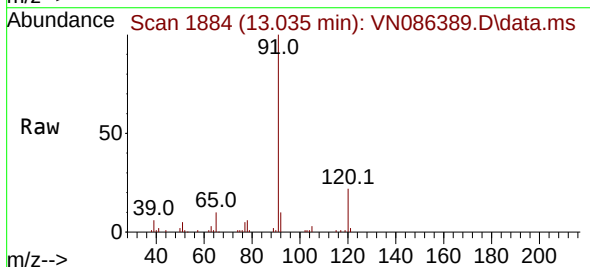
Reviewed By :John
Carlone
04/24/2025

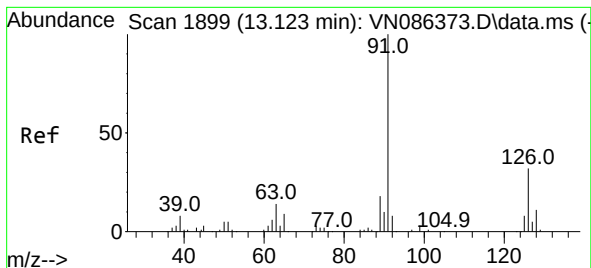
Supervised By :Mahesh
Dadoda
04/25/2025



#74
n-propylbenzene
Concen: 4.697 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Tgt Ion: 91 Resp: 55850
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.8





#75
2-Chlorotoluene
Concen: 4.815 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

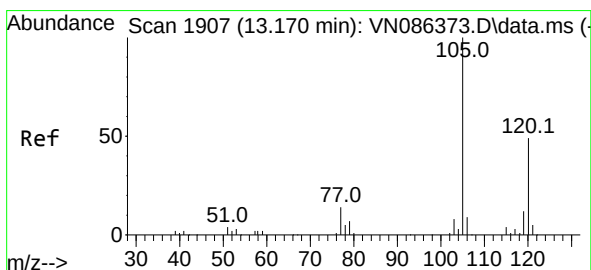
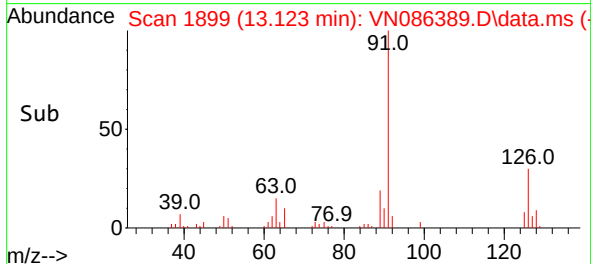
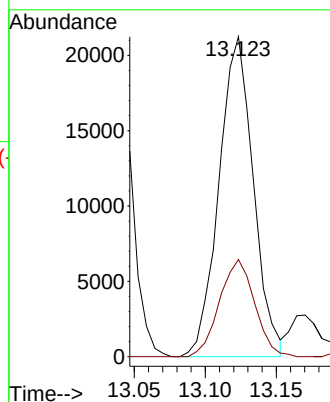
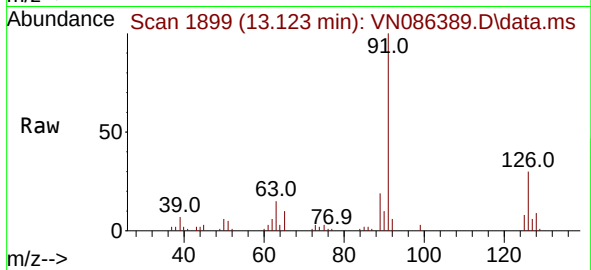
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 91 Resp: 3574
Ion Ratio Lower Upper
91 100
126 31.0 0.0 65.0

Manual Integrations
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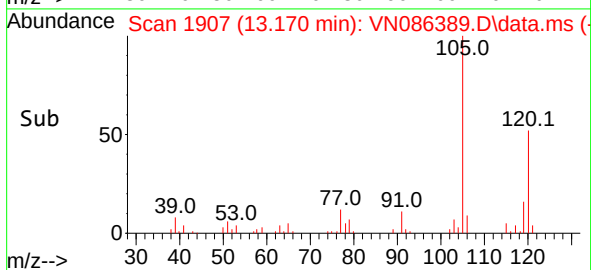
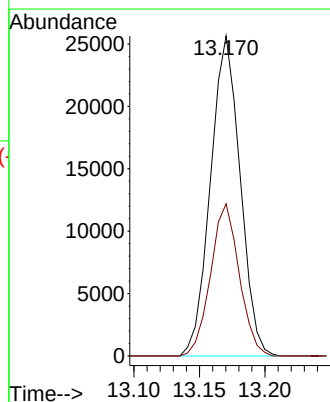
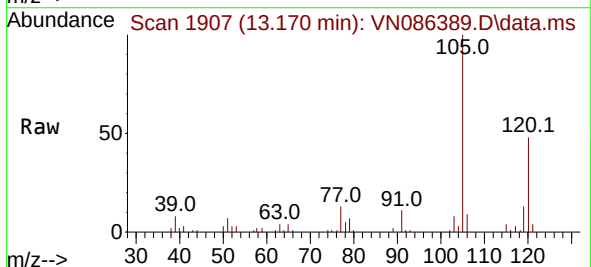
Reviewed By :John
Carlone
04/24/2025

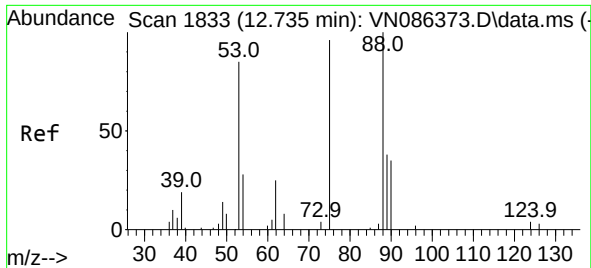
Supervised By :Mahesh
Dadoda
04/25/2025



#76
1,3,5-Trimethylbenzene
Concen: 4.906 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

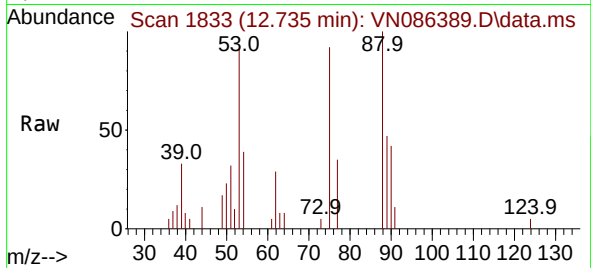
Tgt Ion:105 Resp: 40283
Ion Ratio Lower Upper
105 100
120 45.9 0.0 97.6





#77
t-1,4-Dichloro-2-butene
Concen: 4.709 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

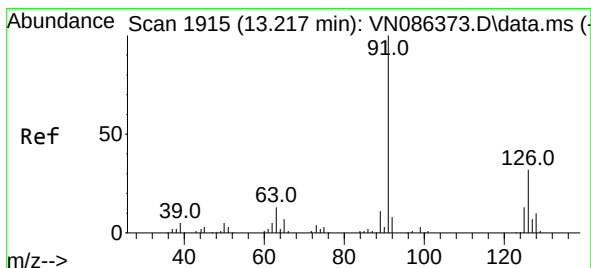
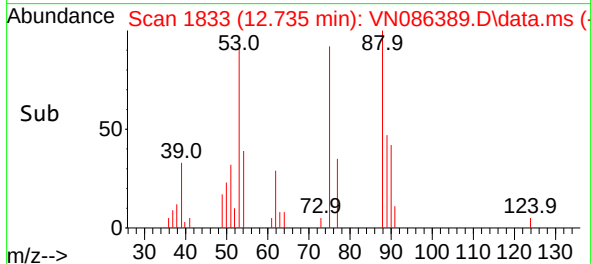
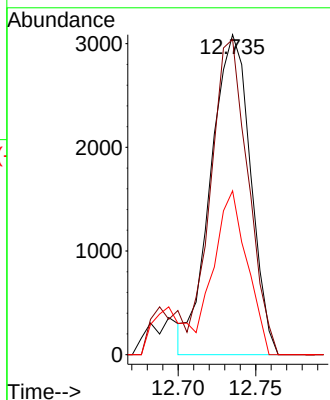


Tgt Ion: 75 Resp: 5490
Ion Ratio Lower Upper
75 100
53 98.6 46.0 138.0
89 51.2 21.6 64.6

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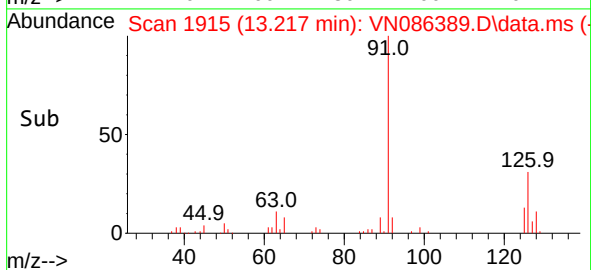
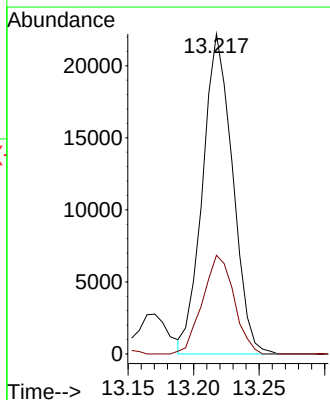
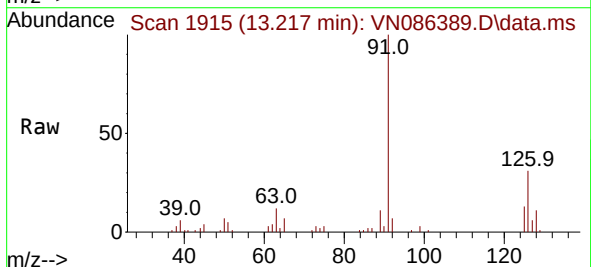
Reviewed By :John
Carlone
04/24/2025

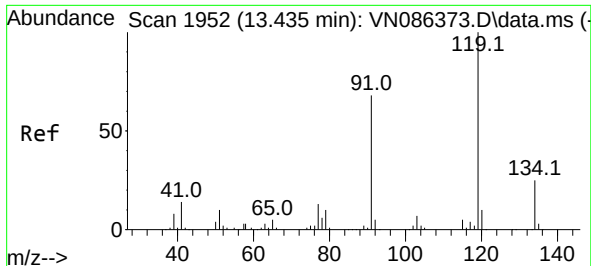
Supervised By :Mahesh
Dadoda
04/25/2025



#78
4-Chlorotoluene
Concen: 4.758 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

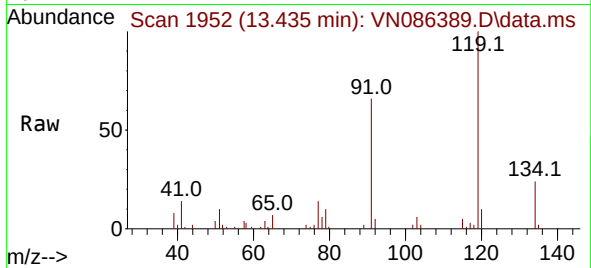
Tgt Ion: 91 Resp: 35319
Ion Ratio Lower Upper
91 100
126 32.3 0.0 65.4





#79
tert-butylbenzene
Concen: 4.838 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

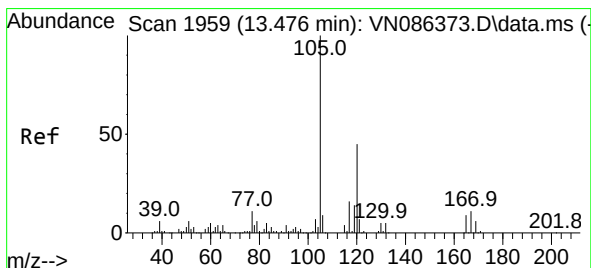
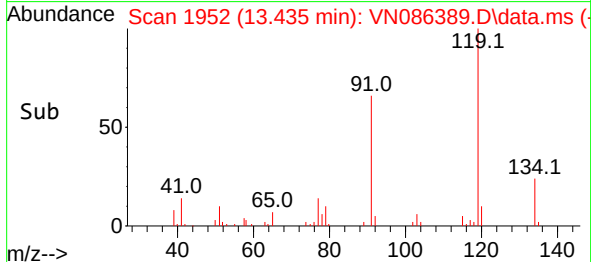
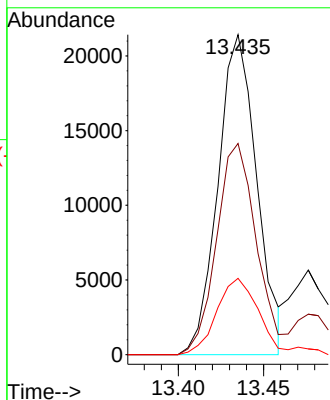


Tgt Ion:119 Resp: 3402
Ion Ratio Lower Upper
119 100
91 67.1 0.0 137.4
134 25.5 0.0 49.2

Manual Integrations
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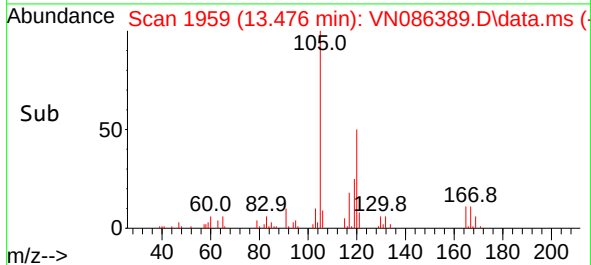
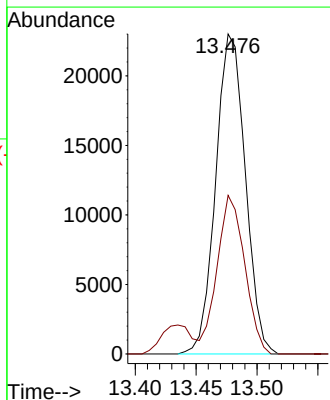
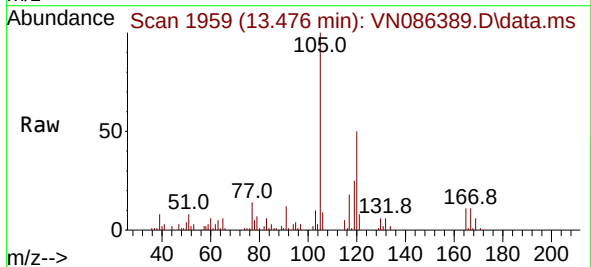
Reviewed By :John
Carlone
04/24/2025

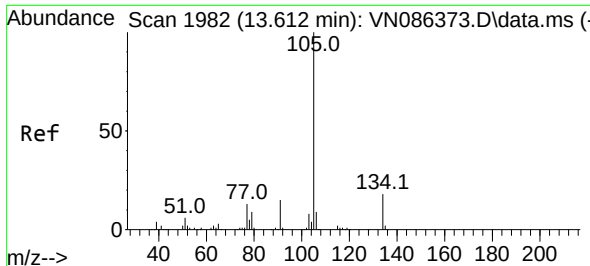
Supervised By :Mahesh
Dadoda
04/25/2025



#80
1,2,4-Trimethylbenzene
Concen: 4.637 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

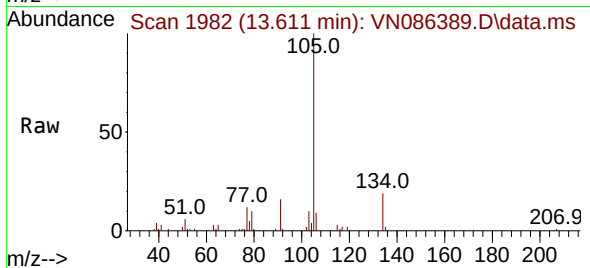
Tgt Ion:105 Resp: 38889
Ion Ratio Lower Upper
105 100
120 46.0 0.0 87.6





#81
 sec-Butylbenzene
 Concen: 4.637 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086389.D
 Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

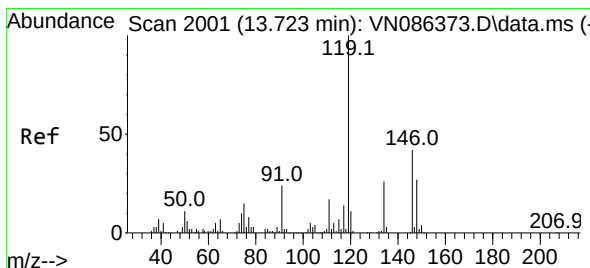
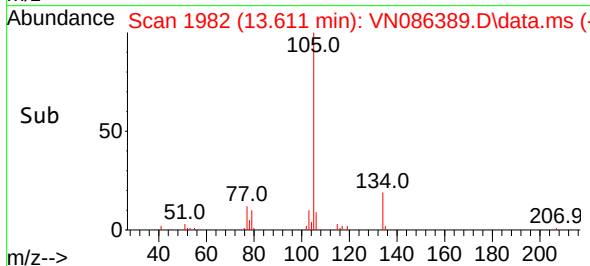
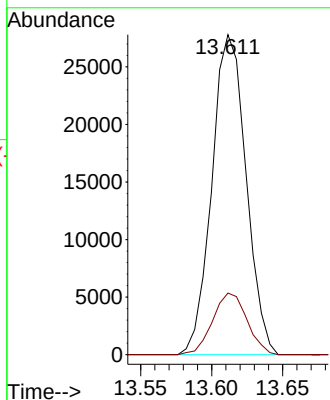


Tgt Ion:105 Resp: 46549
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.4

Manual Integrations
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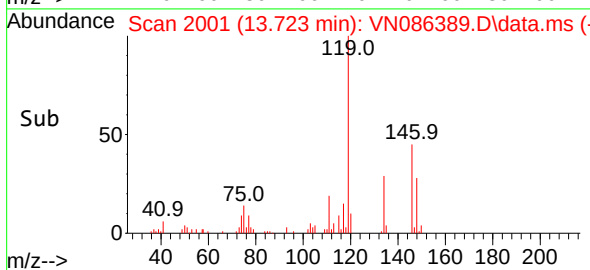
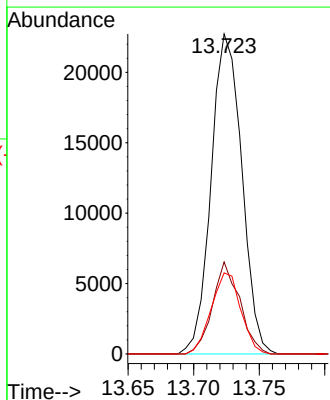
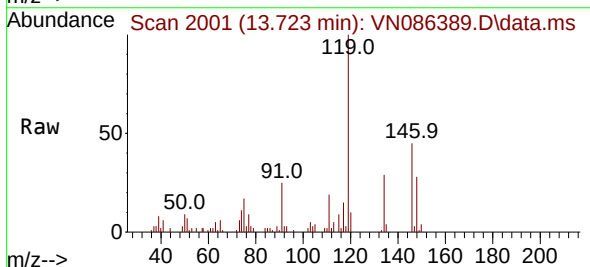
Reviewed By :John
 Carlone
 04/24/2025

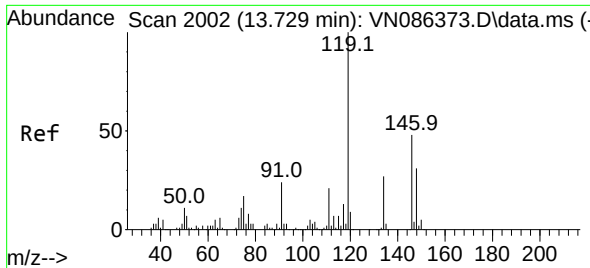
Supervised By :Mahesh
 Dadoda
 04/25/2025



#82
 p-Isopropyltoluene
 Concen: 4.400 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086389.D
 Acq: 23 Apr 2025 18:01

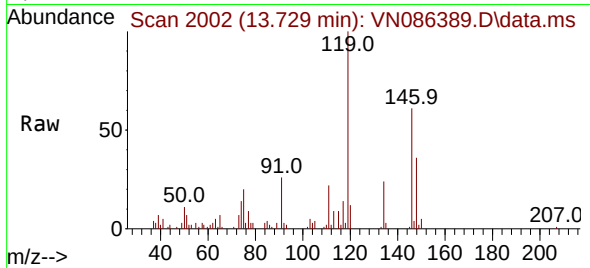
Tgt Ion:119 Resp: 36960
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.2
 91 24.4 0.0 47.6





#83
1,3-Dichlorobenzene
Concen: 4.694 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

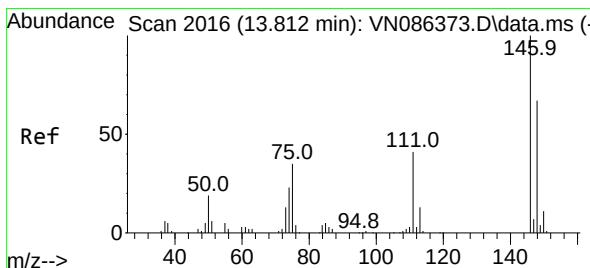
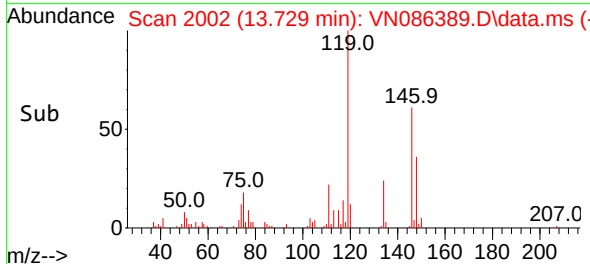
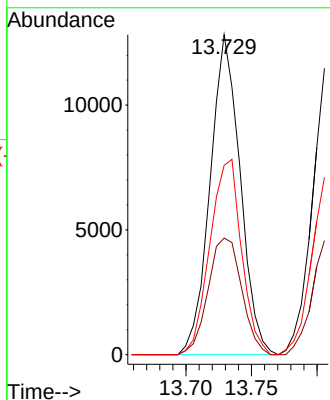


Tgt Ion:146 Resp: 20410
Ion Ratio Lower Upper
146 100
111 40.8 20.7 62.1
148 64.2 32.3 96.8

Manual Integrations
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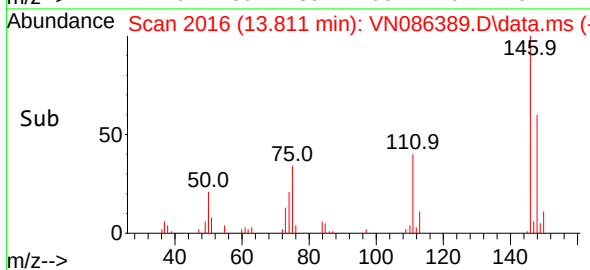
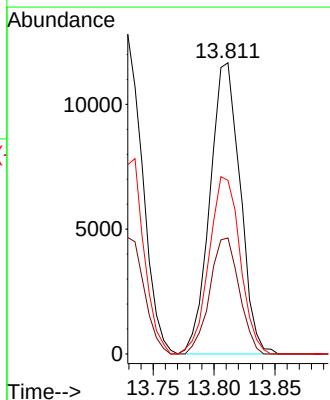
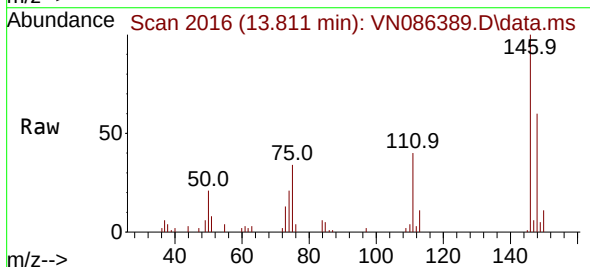
Reviewed By :John
Carlone
04/24/2025

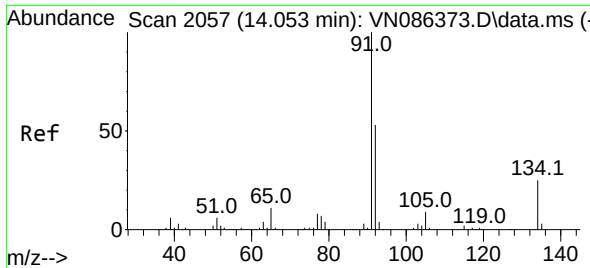
Supervised By :Mahesh
Dadoda
04/25/2025



#84
1,4-Dichlorobenzene
Concen: 4.694 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Tgt Ion:146 Resp: 20170
Ion Ratio Lower Upper
146 100
111 38.8 20.3 60.8
148 62.5 32.4 97.2





#85
n-Butylbenzene
Concen: 4.161 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

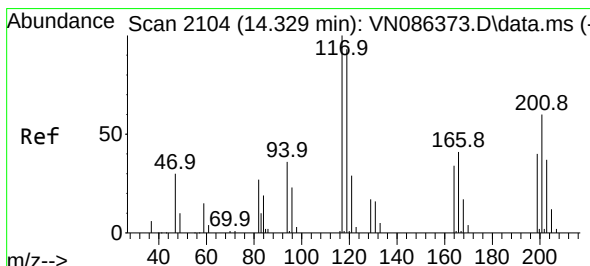
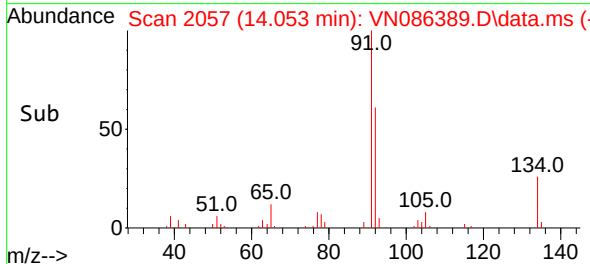
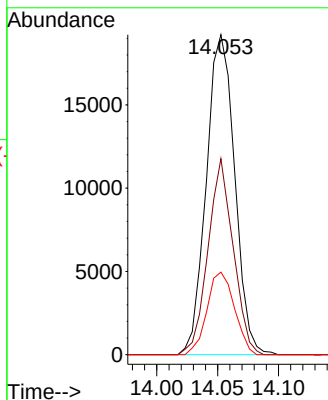
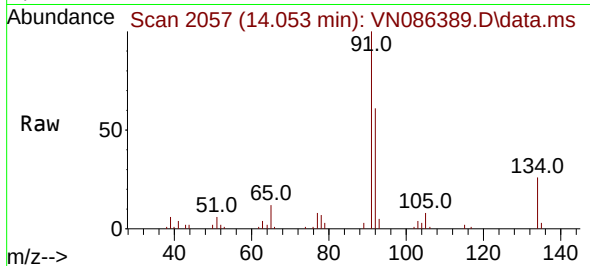
Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

Tgt Ion: 91 Resp: 3118
Ion Ratio Lower Upper
91 100
92 54.4 0.0 107.2
134 24.9 0.0 48.2

Manual Integrations
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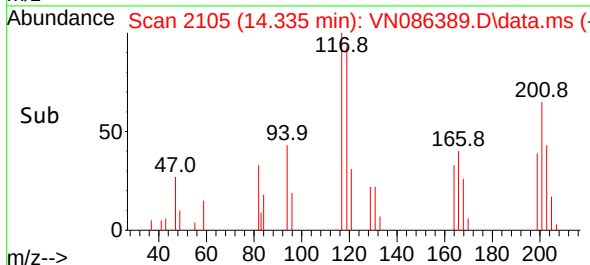
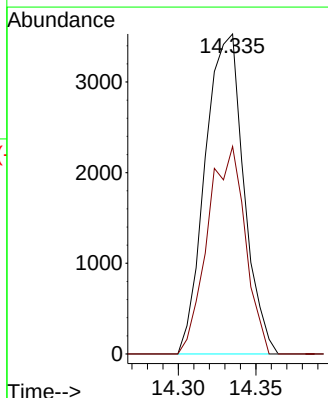
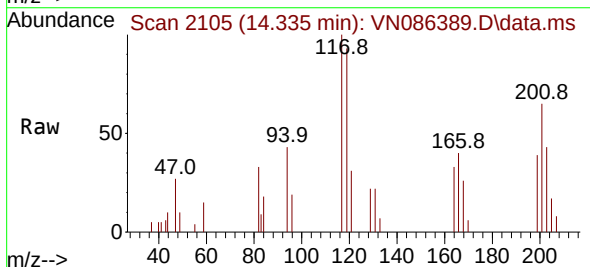
Reviewed By :John
Carlone
04/24/2025

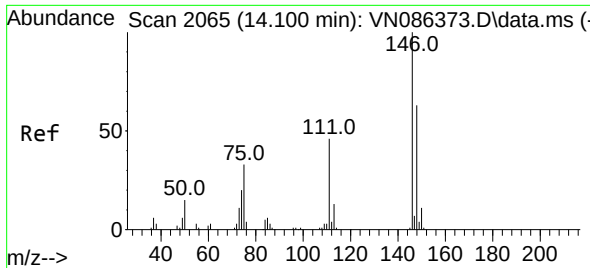
Supervised By :Mahesh
Dadoda
04/25/2025



#86
Hexachloroethane
Concen: 4.448 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

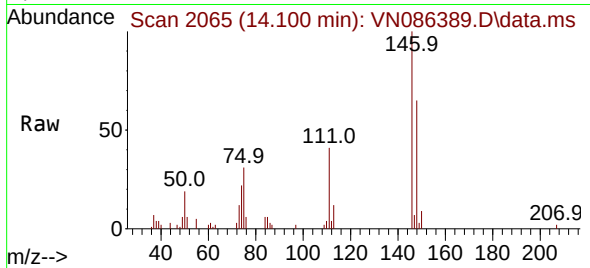
Tgt Ion:117 Resp: 6110
Ion Ratio Lower Upper
117 100
201 62.9 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 4.929 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId : LOQ-WATER-02-QT1-2025

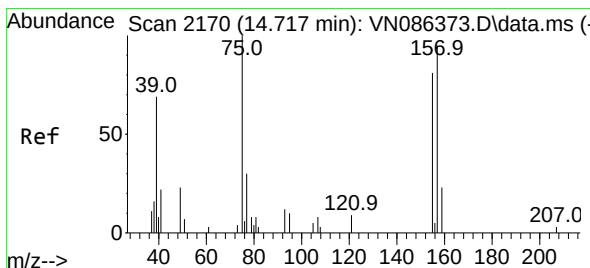
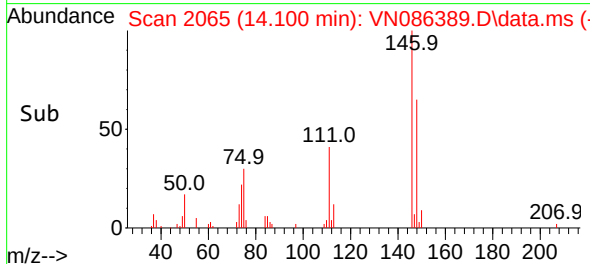
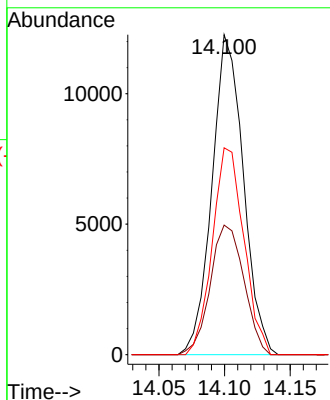


Tgt Ion:146 Resp: 20390
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.3
148 65.0 32.0 96.0

Manual Integrations
APPROVED

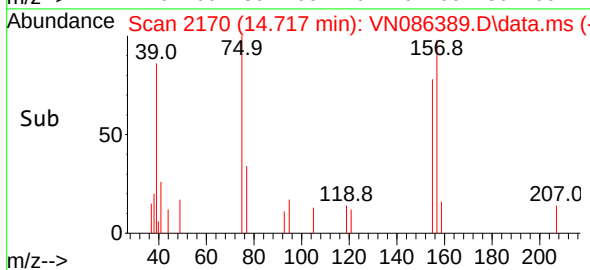
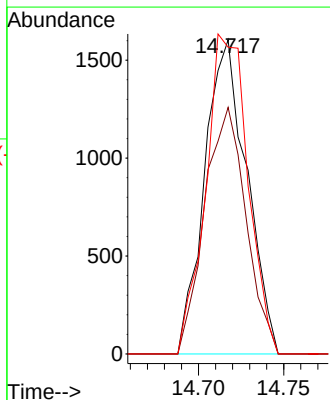
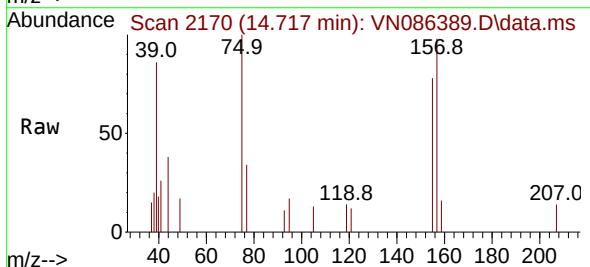
Reviewed By :John
Carlone
04/24/2025

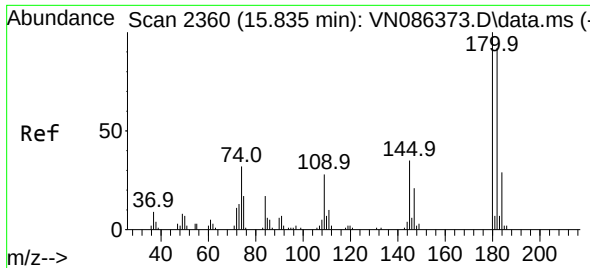
Supervised By :Mahesh
Dadoda
04/25/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 5.153 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

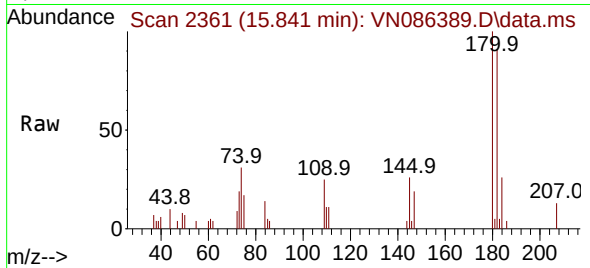
Tgt Ion: 75 Resp: 2760
Ion Ratio Lower Upper
75 100
155 77.2 64.0 96.0
157 101.7 78.2 117.4





#89
1,2,4-Trichlorobenzene
Concen: 4.721 ug/l
RT: 15.841 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

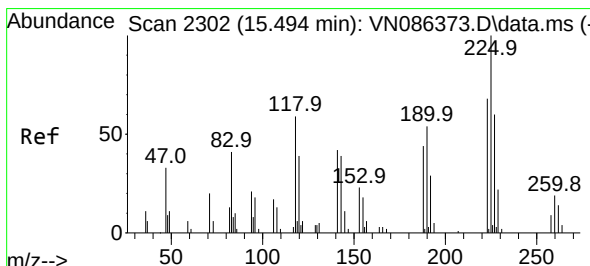
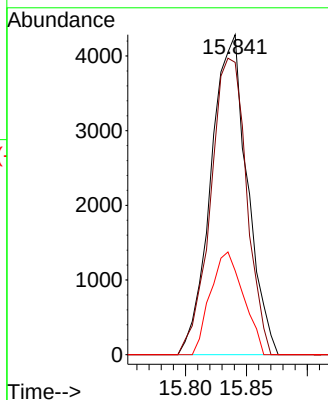
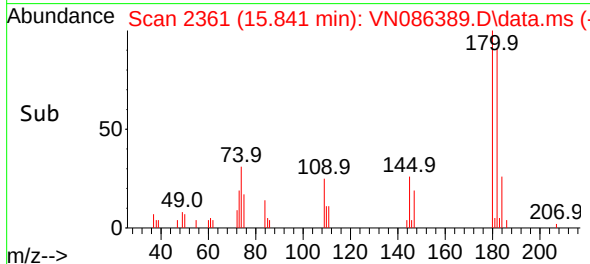


Tgt Ion:180 Resp: 890
Ion Ratio Lower Upper
180 100
182 91.6 74.8 112.2
145 29.2 26.9 40.3

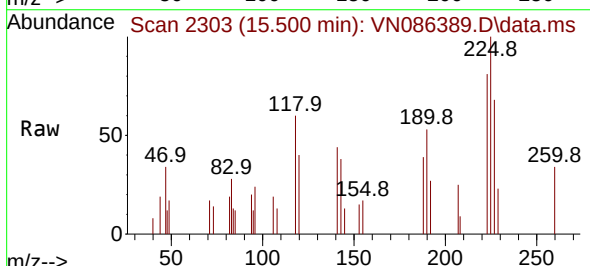
Manual Integrations
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Reviewed By :John
Carlone
04/24/2025

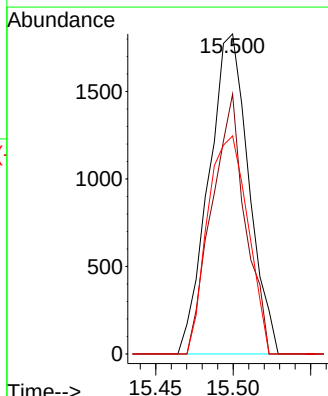
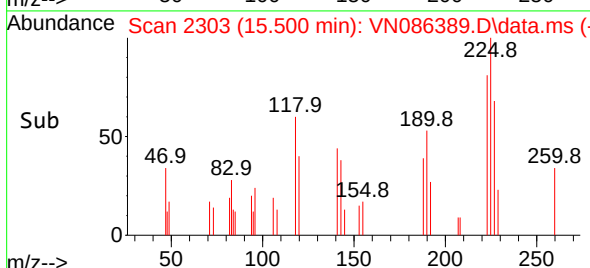
Supervised By :Mahesh
Dadoda
04/25/2025

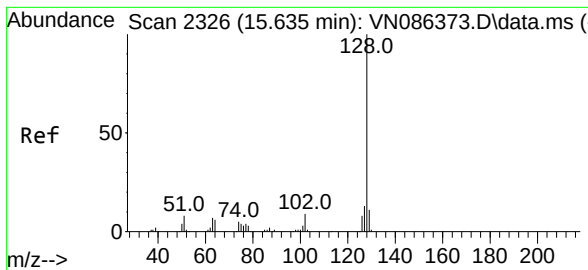


#90
Hexachlorobutadiene
Concen: 4.321 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01



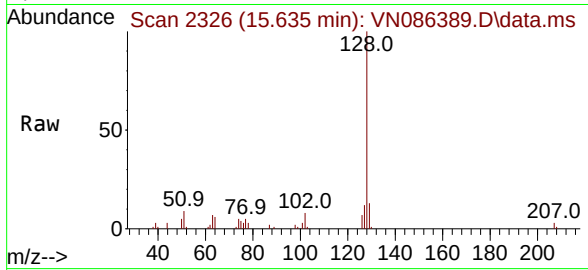
Tgt Ion:225 Resp: 3283
Ion Ratio Lower Upper
225 100
223 68.0 0.0 128.8
227 68.5 0.0 120.2





#91
Naphthalene
Concen: 4.636 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Instrument : MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2025

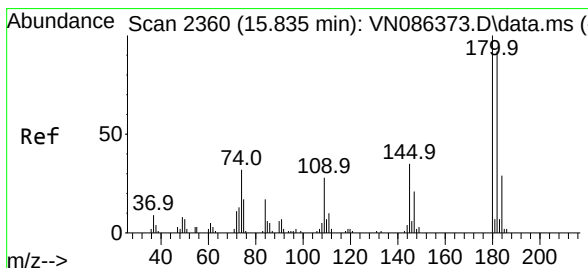
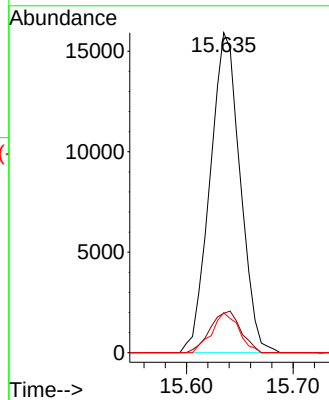
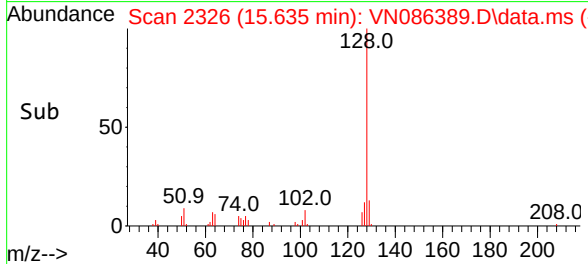


Tgt Ion:128 Resp: 31300
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone
04/24/2025

Supervised By :Mahesh
Dadoda
04/25/2025



#92
1,2,3-Trichlorobenzene
Concen: 4.721 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086389.D
Acq: 23 Apr 2025 18:01

Tgt Ion:180 Resp: 8905
Ion Ratio Lower Upper
180 100
182 91.6 0.0 187.0
145 29.2 0.0 67.2

