

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101725\
 Data File : VN088055.D
 Acq On : 17 Oct 2025 09:29
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2025
 Supervised By : Mahesh Dadoda 10/20/2025

Quant Time: Oct 18 01:18:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	68741	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.076	114	379209	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	339769	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	168041	31.393	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.633%			
60) 4-Bromofluorobenzene	12.823	95	167508	29.905	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.700%			
63) Toluene-d8	10.541	98	462055	30.523	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.733%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	68956	17.514	ug/l	99
3) Chloromethane	2.383	50	75993	17.024	ug/l	94
4) Vinyl Chloride	2.536	62	81232	17.453	ug/l	99
5) Bromomethane	2.983	94	44810	17.904	ug/l	100
6) Chloroethane	3.136	64	53814	17.527	ug/l	95
7) Trichlorofluoromethane	3.518	101	114592	18.105	ug/l	98
8) Diethyl Ether	3.965	74	50172	17.544	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	59829m	17.658	ug/l	
10) 1,1-Dichloroethene	4.336	96	63401	17.542	ug/l	97
11) Methyl Iodide	4.583	142	47047	14.123	ug/l	87
12) Methyl Acetate	5.018	43	106336	18.097	ug/l #	89
13) Acrolein	4.177	56	83661	92.008	ug/l #	7
14) Acrylonitrile	5.706	53	242849	85.644	ug/l	98
15) Acetone	4.424	58	75696	91.155	ug/l	90
16) Carbon Disulfide	4.706	76	194894	17.201	ug/l	98
17) Allyl chloride	5.012	41	117651	17.251	ug/l	96
18) Methylene Chloride	5.265	84	79827	17.377	ug/l	98
19) trans-1,2-Dichloroethene	5.777	96	73008	17.471	ug/l #	82
20) Diisopropyl ether	6.659	45	279601	18.007	ug/l	97
21) 1,1-Dichloroethane	6.553	63	144503	17.877	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	89581	17.125	ug/l	97
23) tert-Butyl Alcohol	5.518	59	88279	77.626	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	272797	17.486	ug/l	99
25) Chloroform	7.947	83	148031	17.747	ug/l	95
26) Cyclohexane	8.235	56	116788	17.439	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	97631	17.962	ug/l	97
30) 2-Butanone	7.465	43	359946	89.786	ug/l	99
31) 2,2-Dichloropropane	7.477	77	128404	18.334	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	123879	18.239	ug/l	98
33) Carbon Tetrachloride	8.341	117	100535	17.672	ug/l	97
34) Benzene	8.588	78	322407	17.882	ug/l	97
35) Methacrylonitrile	7.765	41	70160	16.643	ug/l	99
36) 1,2-Dichloroethane	8.653	62	115989	18.531	ug/l	98
37) Trichloroethene	9.329	130	72198	16.902	ug/l	93
38) Methylcyclohexane	9.582	83	114412	17.044	ug/l	96
39) 1,2-Dichloropropane	9.600	63	80429	17.791	ug/l	99
40) Dibromomethane	9.688	93	59612	18.115	ug/l	94
41) Bromodichloromethane	9.865	83	120031	17.860	ug/l	99
42) Vinyl Acetate	6.588	43	1261882	92.397	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	140816m	18.273	ug/l	
44) Isopropyl Acetate	8.671	43	218478	17.358	ug/l	97
45) 1,4-Dioxane	9.676	88	25094	299.765	ug/l #	91
46) Methyl methacrylate	9.665	41	104805m	18.908	ug/l	
47) n-amyl Acetate	12.588	43	121494m	20.365	ug/l	
48) t-1,3-Dichloropropene	10.818	75	130980	17.526	ug/l	95
49) cis-1,3-Dichloropropene	10.294	75	139016	17.833	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	75536	17.333	ug/l	97
51) Ethyl methacrylate	10.853	69	126407	17.140	ug/l	97
52) 1,3-Dichloropropane	11.141	76	137378	18.069	ug/l	99
53) Dibromochloromethane	11.335	129	92038	17.666	ug/l	98
54) 1,2-Dibromoethane	11.447	107	80058	17.184	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	353530	88.807	ug/l	98
56) Bromoform	12.559	173	57223	16.246	ug/l	96
58) 4-Methyl-2-Pentanone	10.423	43	661034	86.980	ug/l	98
59) 2-Hexanone	11.176	43	450152	89.713	ug/l	99
61) Tetrachloroethene	11.082	164	57616	16.745	ug/l	96
62) Toluene	10.606	91	339113	17.595	ug/l	99
64) Chlorobenzene	11.870	112	213944	17.379	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	74677	17.603	ug/l	98
66) Ethyl Benzene	11.941	91	369860	17.649	ug/l	100
67) m/p-Xylenes	12.047	106	283387	35.077	ug/l	97
68) o-Xylene	12.376	106	137374	17.081	ug/l	94
69) Styrene	12.388	104	230855	17.352	ug/l	99
70) Isopropylbenzene	12.670	105	342498	17.376	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	116626	17.452	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	111200m	17.917	ug/l	
73) Bromobenzene	12.959	156	80810	16.773	ug/l	93
74) n-propylbenzene	13.012	91	418345	17.581	ug/l	98
75) 2-Chlorotoluene	13.106	91	256739	17.646	ug/l	99
76) 1,3,5-Trimethylbenzene	13.147	105	292691	17.481	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	39570m	15.998	ug/l	
78) 4-Chlorotoluene	13.200	91	263876	17.851	ug/l	97
79) tert-butylbenzene	13.412	119	257431	17.735	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	292967	17.478	ug/l	96
81) sec-Butylbenzene	13.594	105	361492	17.713	ug/l	98
82) p-Isopropyltoluene	13.706	119	307176	17.630	ug/l	98
83) 1,3-Dichlorobenzene	13.711	146	155053	17.105	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	157460	16.843	ug/l	99
85) n-Butylbenzene	14.035	91	287279	17.722	ug/l	99
86) Hexachloroethane	14.306	117	61461	17.608	ug/l	88
87) 1,2-Dichlorobenzene	14.082	146	153219	17.185	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	26516	17.276	ug/l	91
89) 1,2,4-Trichlorobenzene	15.811	180	84590	15.928	ug/l	99
90) Hexachlorobutadiene	15.476	225	29490	15.955	ug/l	99
91) Naphthalene	15.611	128	314372	16.169	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	84590	15.928	ug/l	99

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

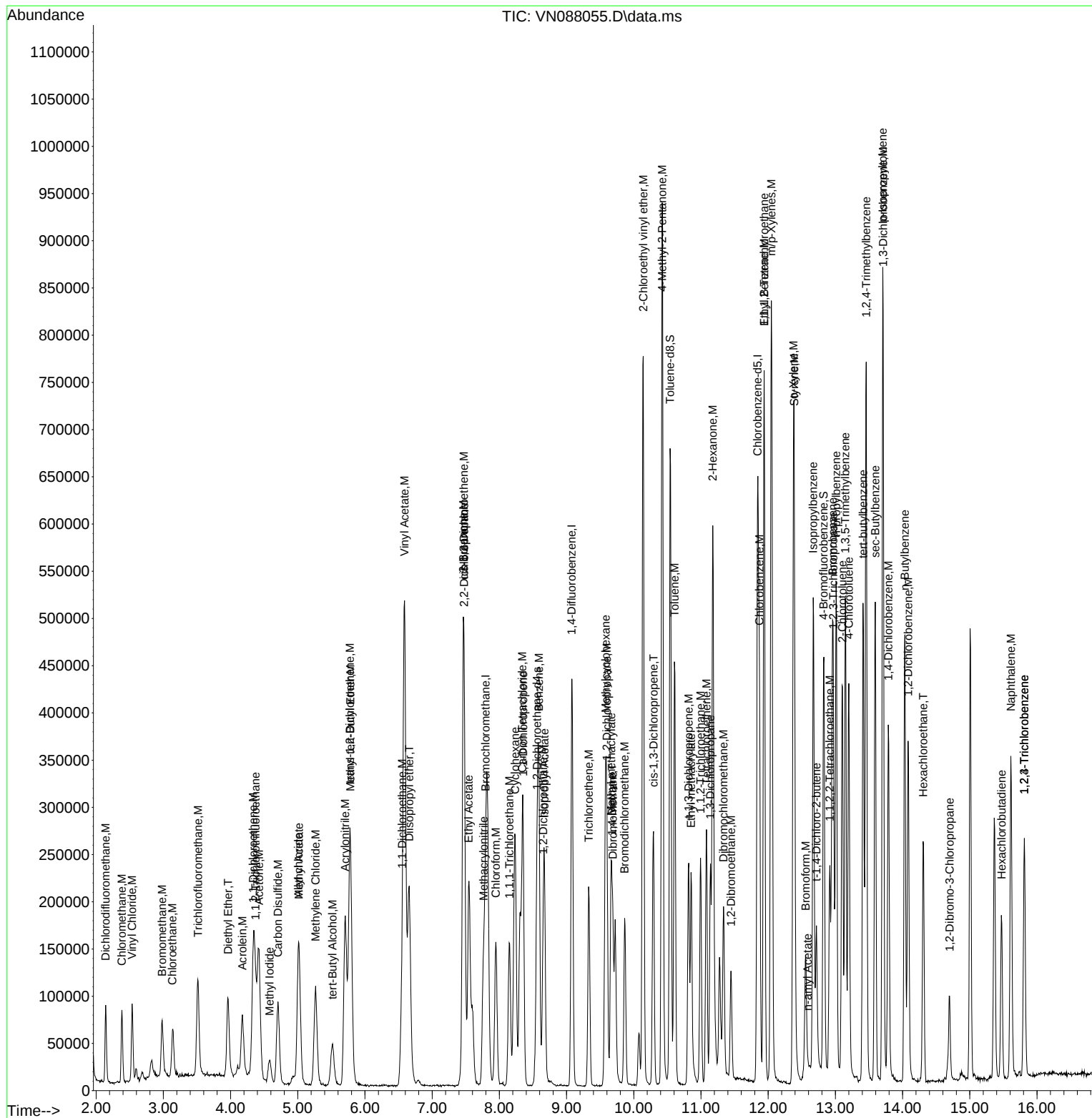
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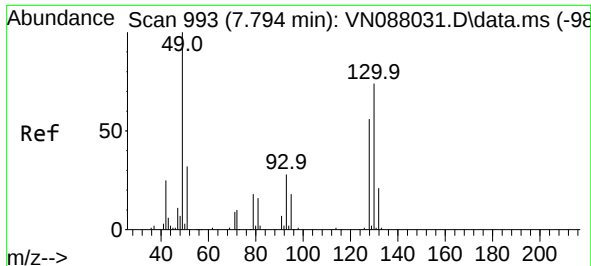
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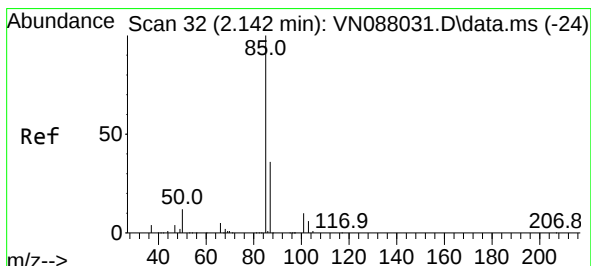
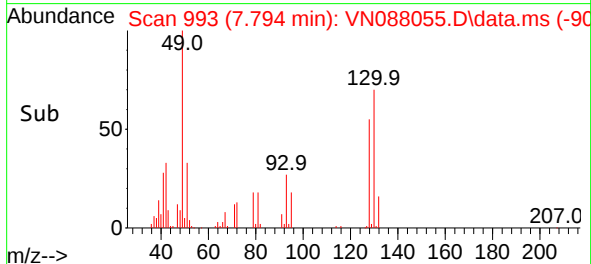
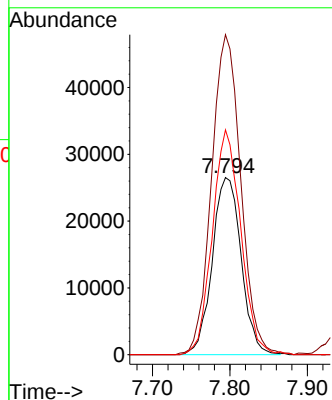
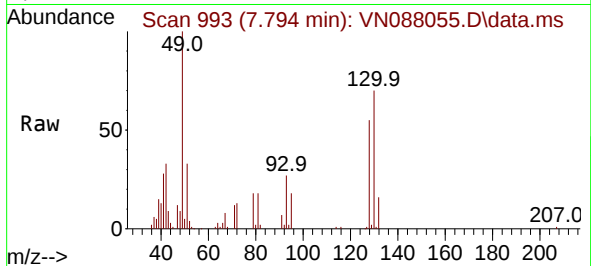
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 6874
Ion Ratio Lower Upper
128 100
49 182.6 0.0 439.8
130 124.8 0.0 325.8

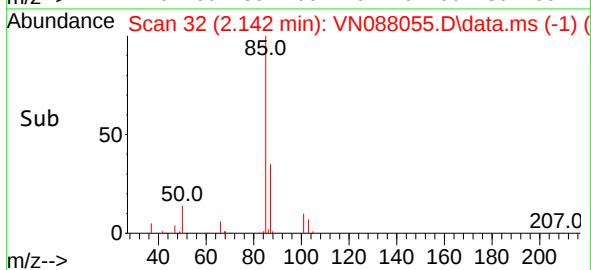
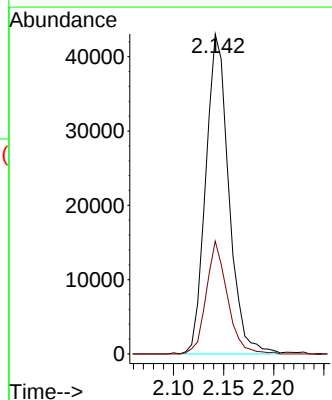
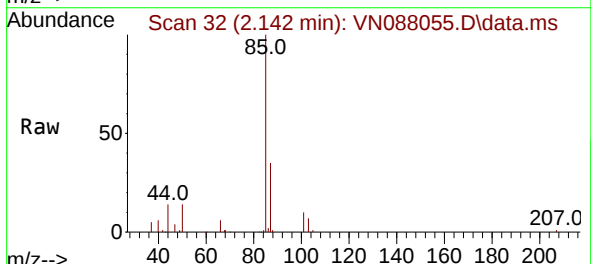
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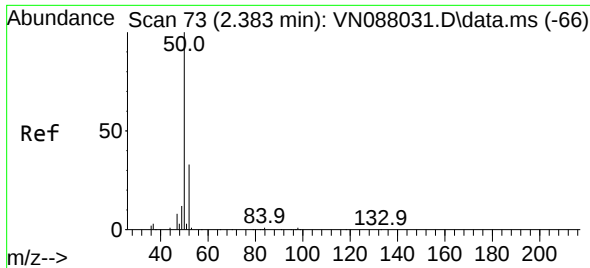
Reviewed By :John Carlone 10/20/2025
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#2
Dichlorodifluoromethane
Concen: 17.514 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 85 Resp: 68956
Ion Ratio Lower Upper
85 100
87 35.3 17.9 53.8





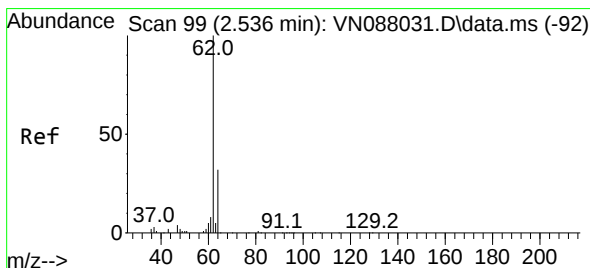
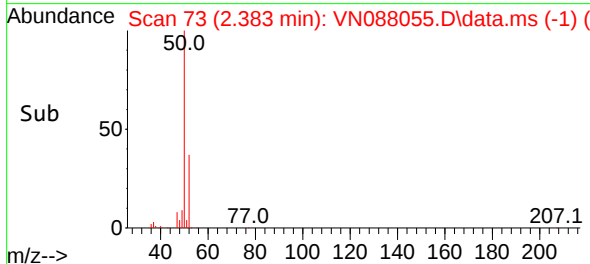
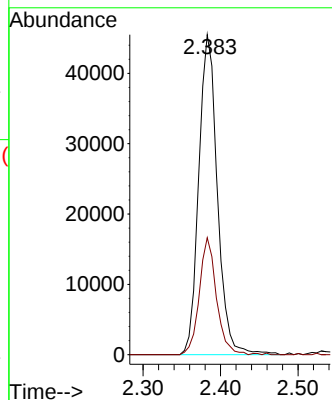
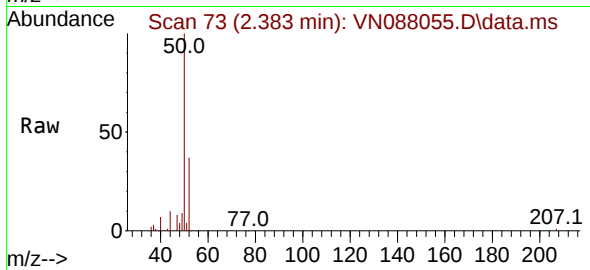
#3
Chloromethane
Concen: 17.024 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

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ClientSampleId :
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Tgt Ion: 50 Resp: 7599
Ion Ratio Lower Upper
50 100
52 36.6 26.3 39.5

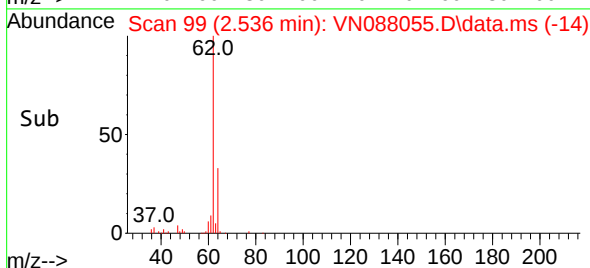
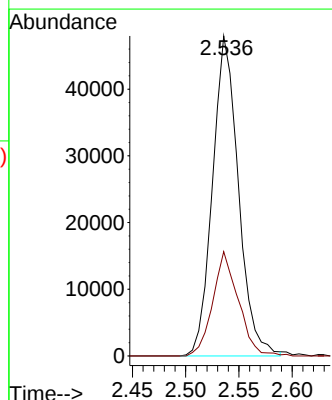
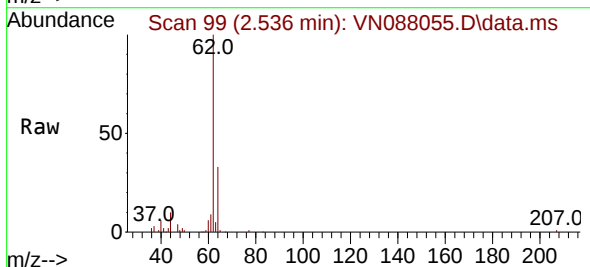
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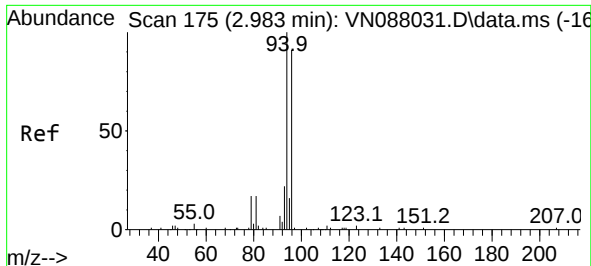
Reviewed By :John Carlone 10/20/2025
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#4
Vinyl Chloride
Concen: 17.453 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

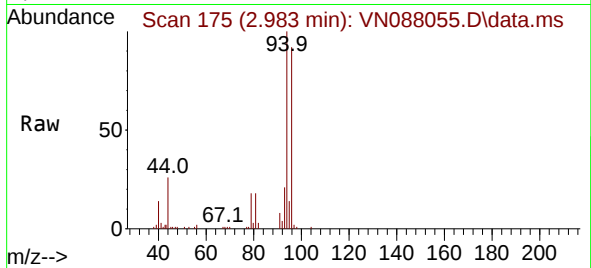
Tgt Ion: 62 Resp: 81232
Ion Ratio Lower Upper
62 100
64 32.6 25.7 38.5





#5
Bromomethane
Concen: 17.904 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

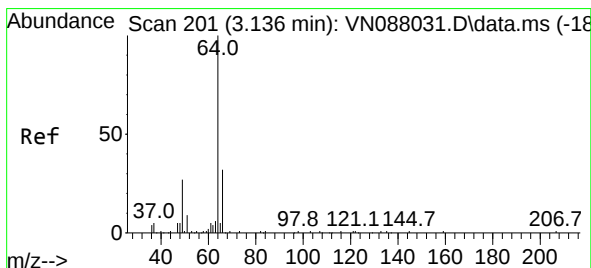
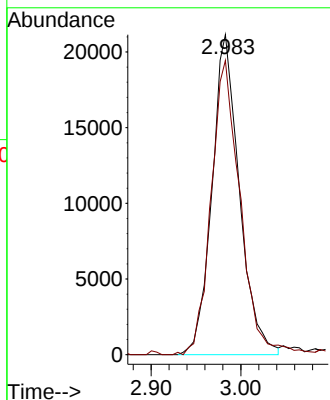
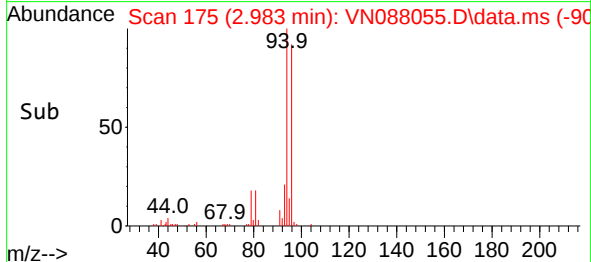
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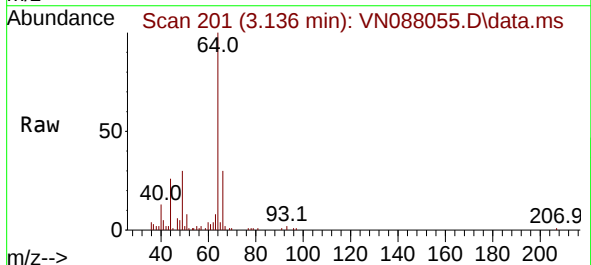
Tgt Ion: 94 Resp: 44810
Ion Ratio Lower Upper
94 100
96 91.2 73.0 109.4

Manual Integrations
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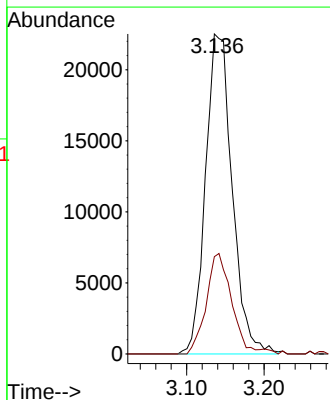
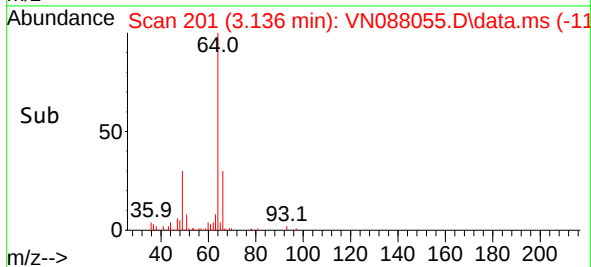
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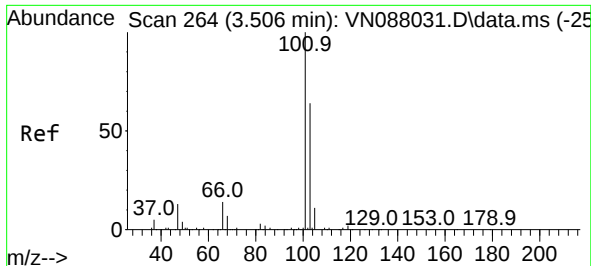


#6
Chloroethane
Concen: 17.527 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



Tgt Ion: 64 Resp: 53814
Ion Ratio Lower Upper
64 100
66 30.4 26.8 40.2





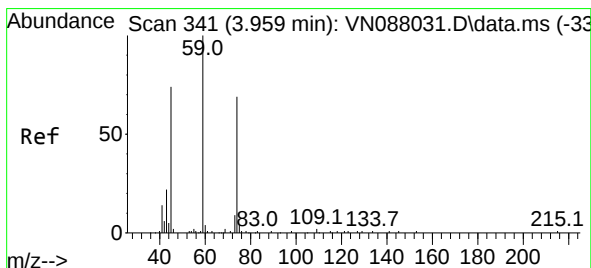
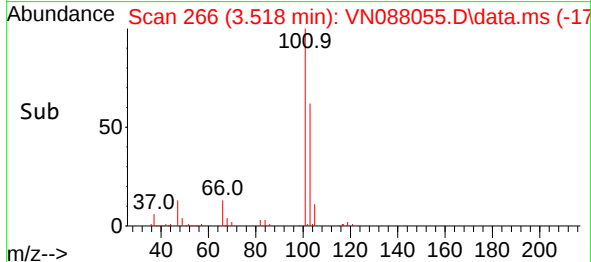
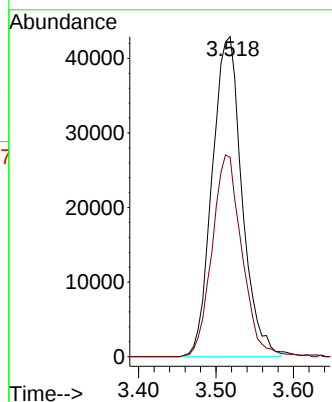
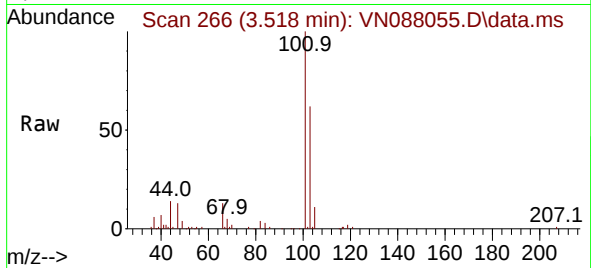
#7
Trichlorofluoromethane
Concen: 18.105 ug/l
RT: 3.518 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 114592
Ion Ratio Lower Upper
101 100
103 62.3 51.0 76.4

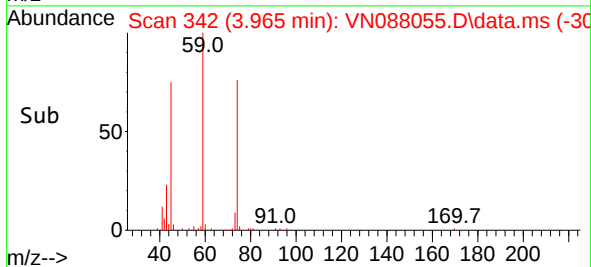
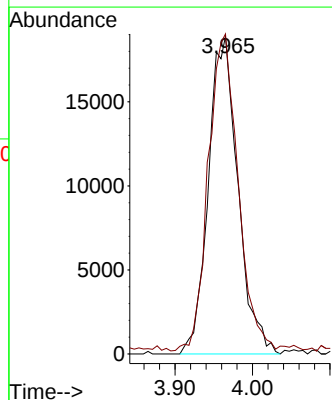
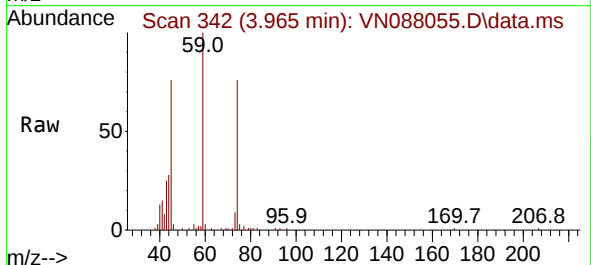
Manual Integrations
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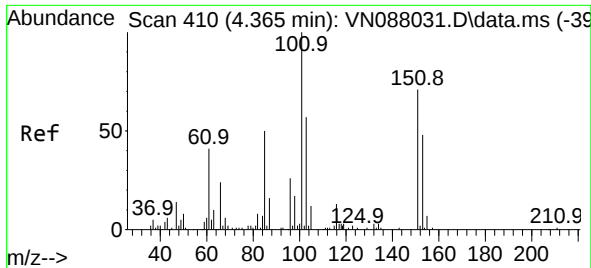
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#8
Diethyl Ether
Concen: 17.544 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 74 Resp: 50172
Ion Ratio Lower Upper
74 100
45 99.5 20.4 183.8





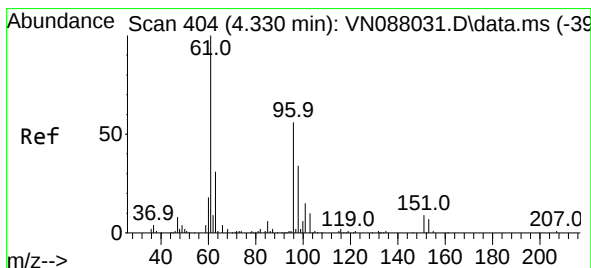
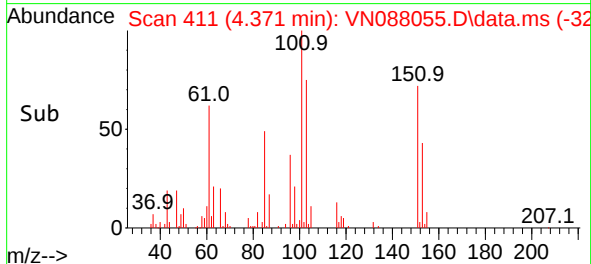
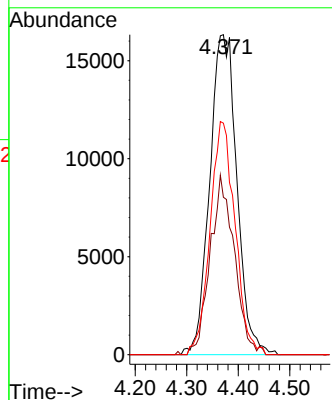
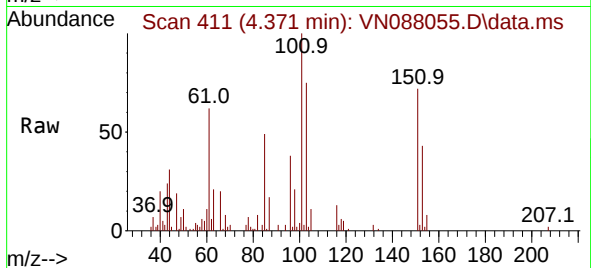
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.658 ug/l m
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088055.D
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VSTDCCC020

Tgt Ion:101 Resp: 59829
Ion Ratio Lower Upper
101 100
85 47.5 0.0 103.2
151 66.4 0.0 141.4

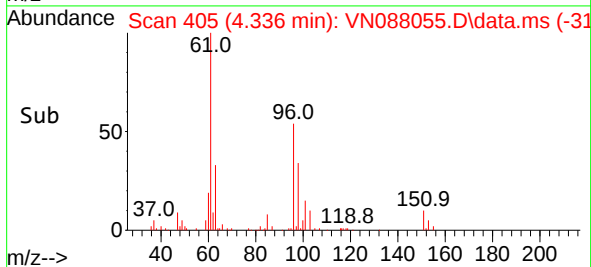
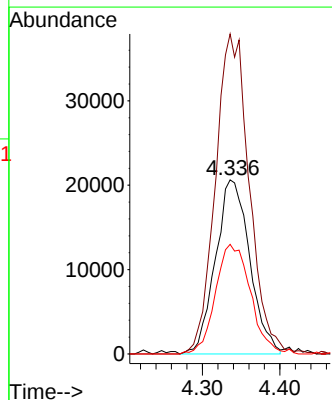
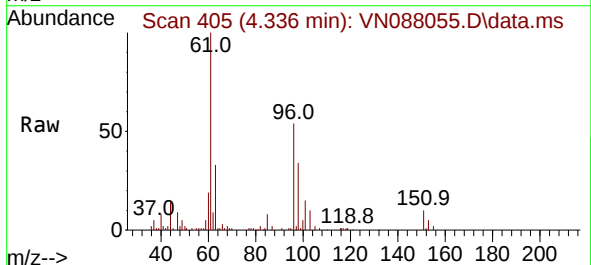
Manual Integrations
APPROVED

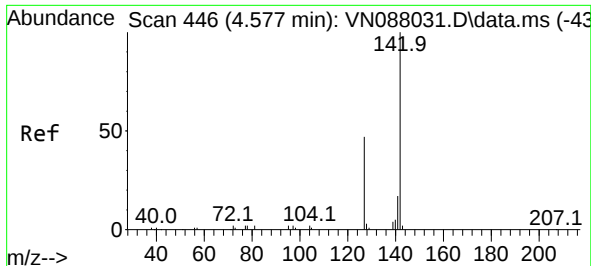
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#10
1,1-Dichloroethene
Concen: 17.542 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

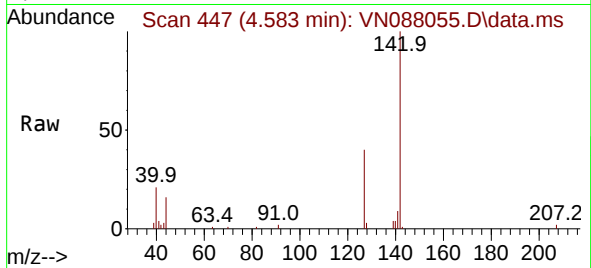
Tgt Ion: 96 Resp: 63401
Ion Ratio Lower Upper
96 100
61 183.9 144.1 216.1
98 63.0 49.0 73.6





#11
Methyl Iodide
Concen: 14.123 ug/l
RT: 4.583 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

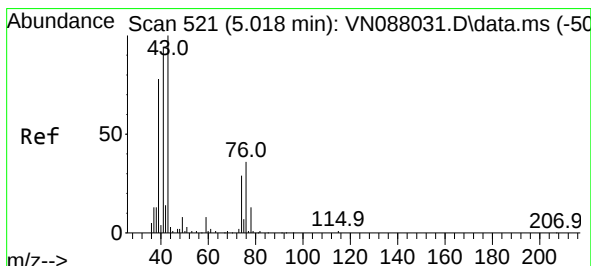
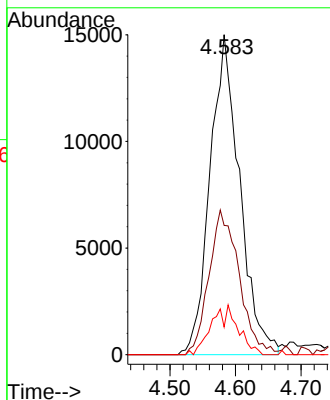
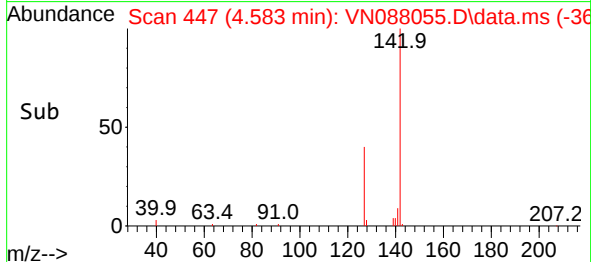
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 4704
Ion Ratio Lower Upper
142 100
127 40.4 23.4 70.3
141 8.8 8.8 26.2

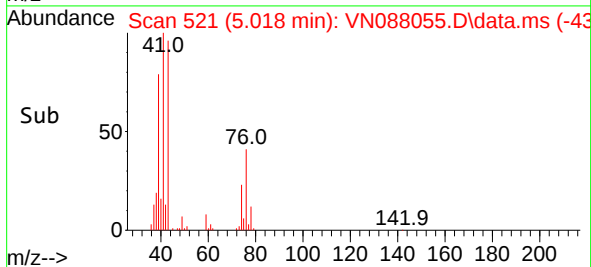
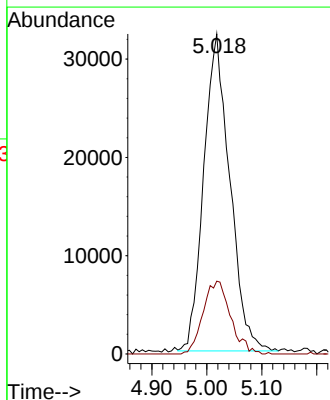
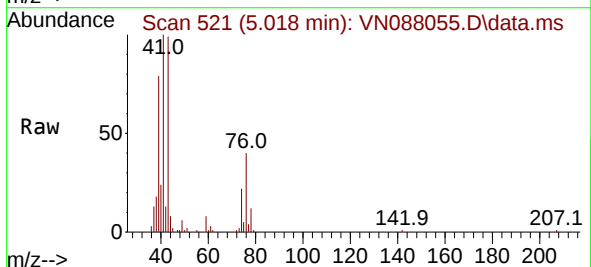
Manual Integrations
APPROVED

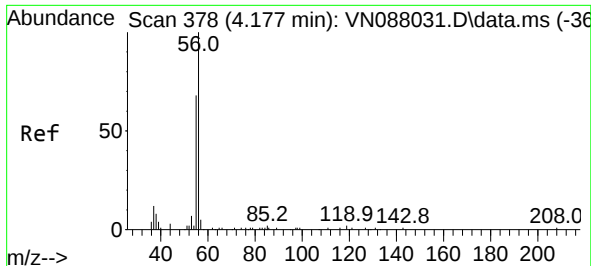
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#12
Methyl Acetate
Concen: 18.097 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

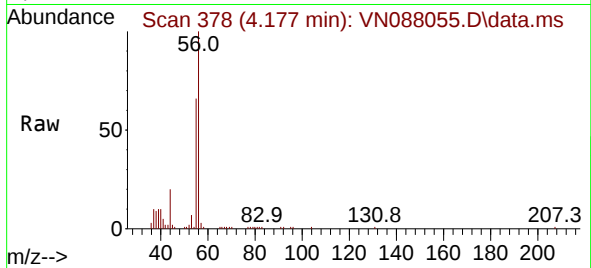
Tgt Ion: 43 Resp: 106336
Ion Ratio Lower Upper
43 100
74 23.0 23.3 34.9#





#13
Acrolein
Concen: 92.008 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

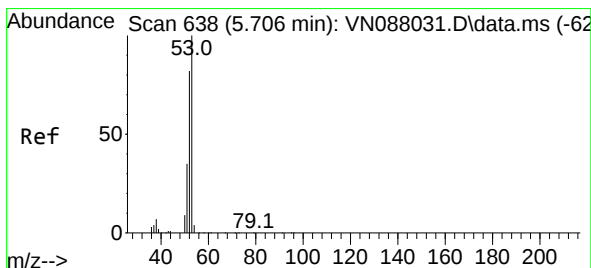
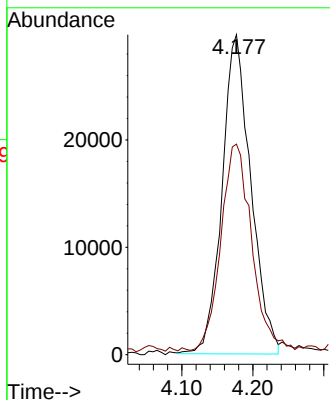
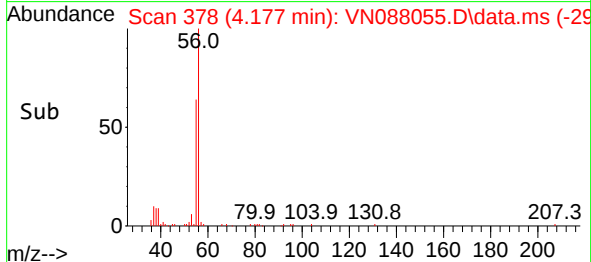
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



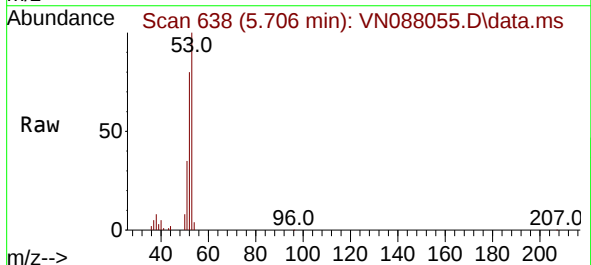
Tgt Ion: 56 Resp: 8366
Ion Ratio Lower Upper
56 100
55 70.3 0.3 0.5

Manual Integrations
APPROVED

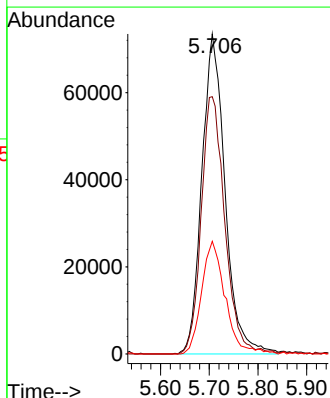
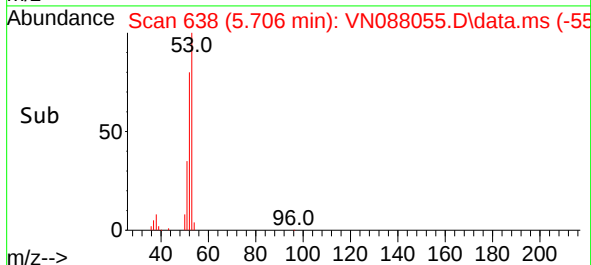
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

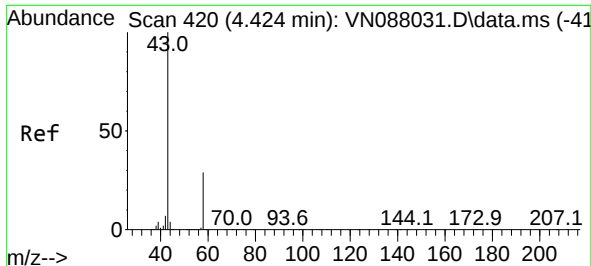


#14
Acrylonitrile
Concen: 85.644 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



Tgt Ion: 53 Resp: 242849
Ion Ratio Lower Upper
53 100
52 81.0 41.3 124.1
51 35.2 18.0 54.0





#15

Acetone

Concen: 91.155 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 75690

Ion Ratio Lower Upper

58 100

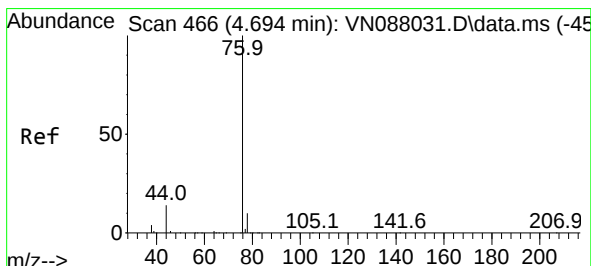
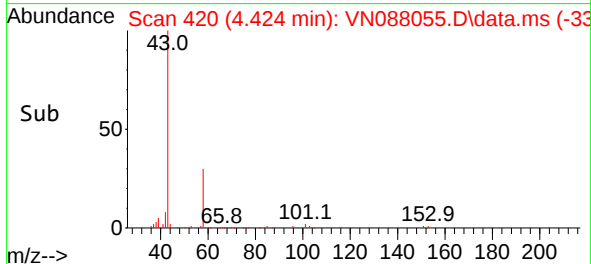
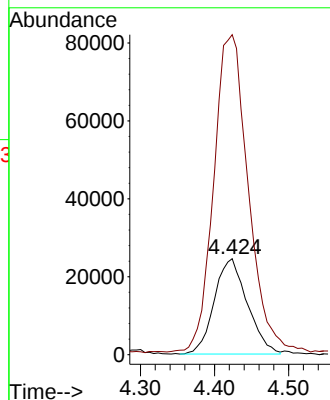
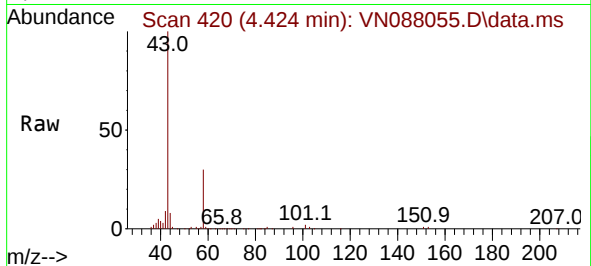
43 331.0 282.6 424.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#16

Carbon Disulfide

Concen: 17.201 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.012 min

Lab File: VN088055.D

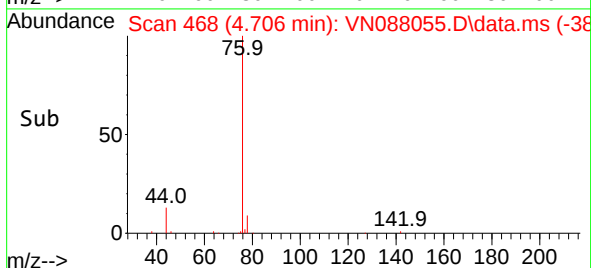
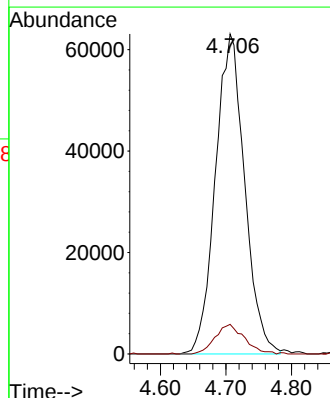
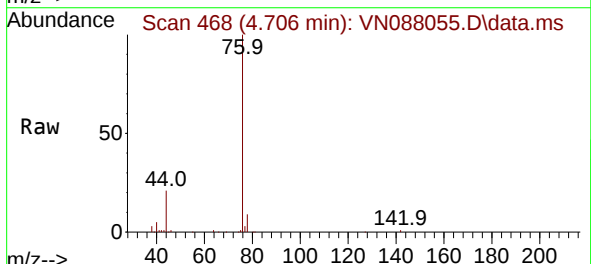
Acq: 17 Oct 2025 09:29

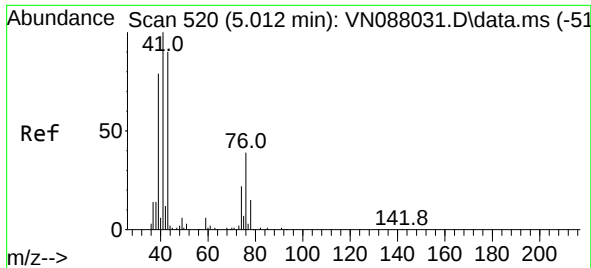
Tgt Ion: 76 Resp: 194894

Ion Ratio Lower Upper

76 100

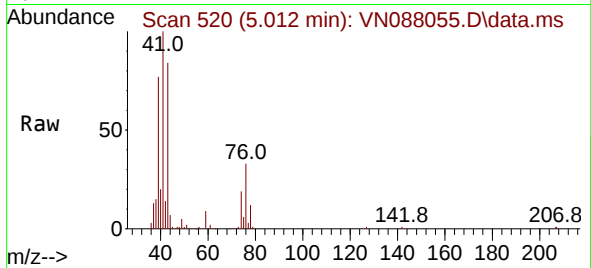
78 9.2 7.8 11.8





#17
 Allyl chloride
 Concen: 17.251 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

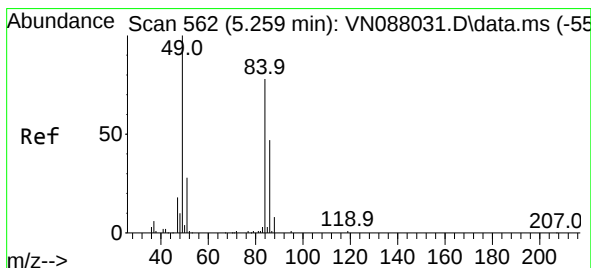
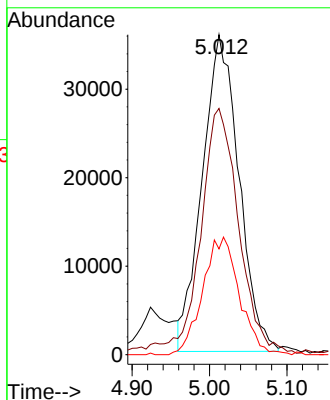
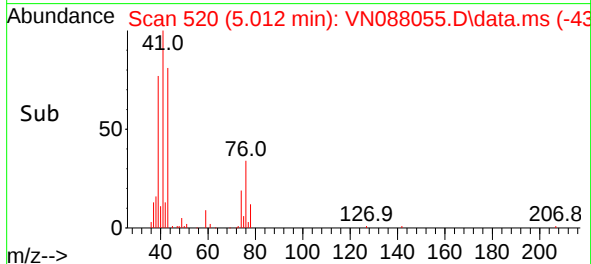
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



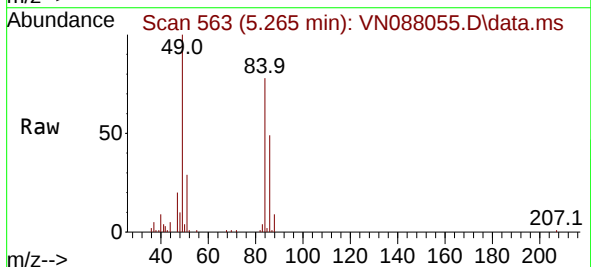
Tgt Ion: 41 Resp: 11765
 Ion Ratio Lower Upper
 41 100
 39 75.7 36.4 109.2
 76 32.8 18.1 54.1

Manual Integrations
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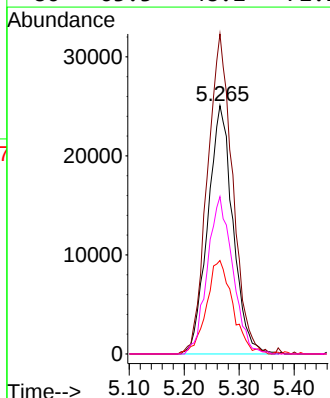
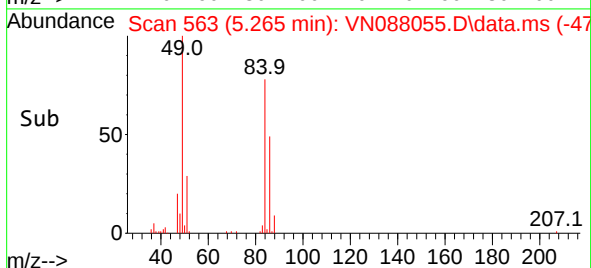
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

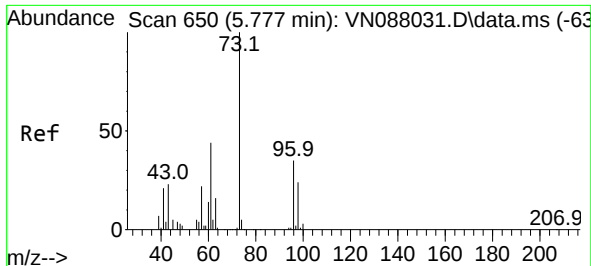


#18
 Methylene Chloride
 Concen: 17.377 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29



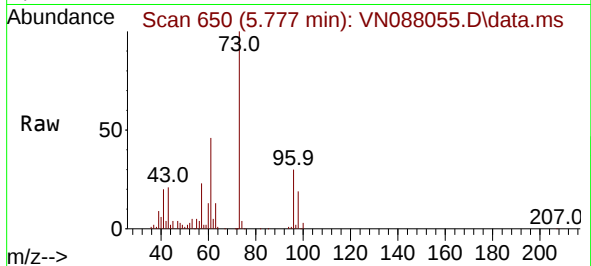
Tgt Ion: 84 Resp: 79827
 Ion Ratio Lower Upper
 84 100
 49 128.8 102.6 153.8
 51 37.6 28.6 42.8
 86 63.3 48.2 72.2





#19
trans-1,2-Dichloroethene
Concen: 17.471 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

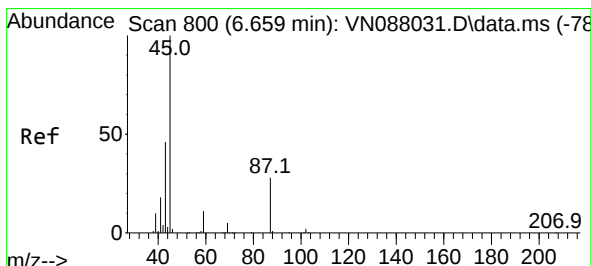
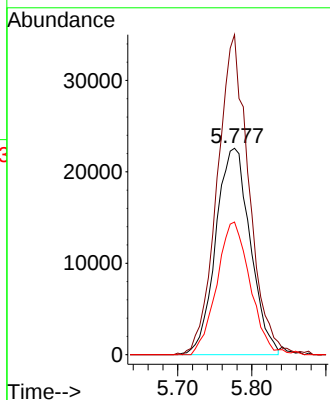
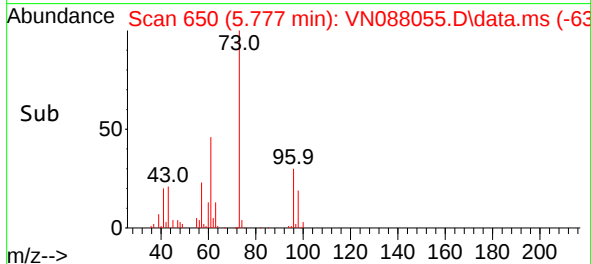
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 73008
Ion Ratio Lower Upper
96 100
61 154.3 100.6 151.0
98 64.3 54.0 81.0

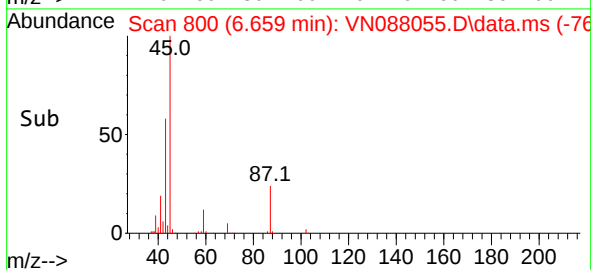
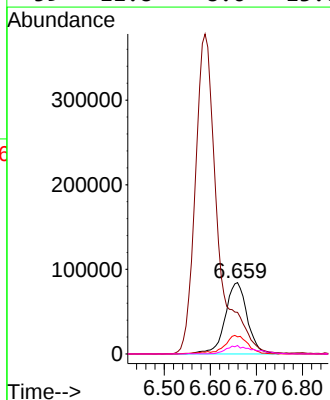
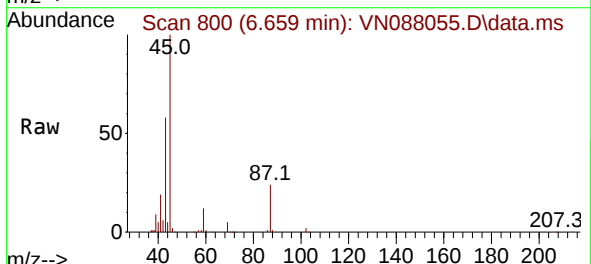
Manual Integrations
APPROVED

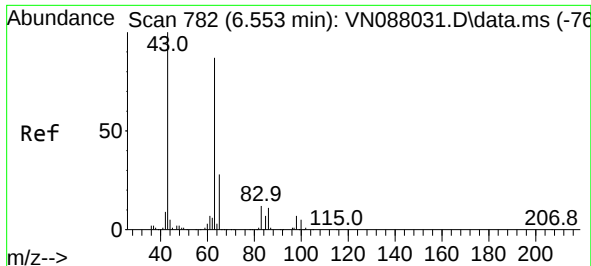
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#20
Diisopropyl ether
Concen: 18.007 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 45 Resp: 279601
Ion Ratio Lower Upper
45 100
43 56.6 46.1 69.1
87 24.0 22.3 33.5
59 11.8 8.6 13.0





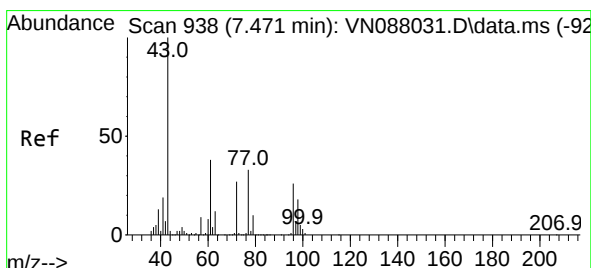
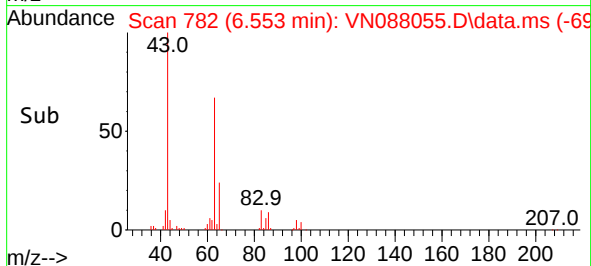
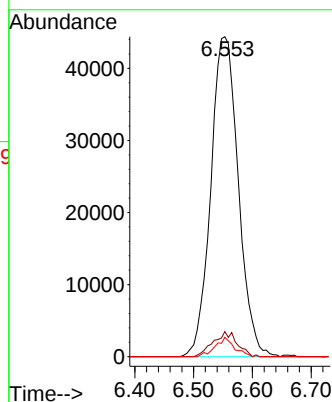
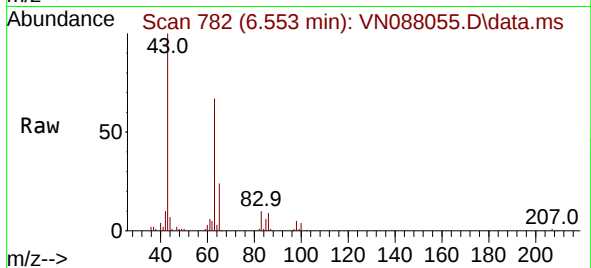
#21
1,1-Dichloroethane
Concen: 17.877 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 14450
Ion Ratio Lower Upper
63 100
98 7.8 4.3 12.8
100 6.0 2.6 8.0

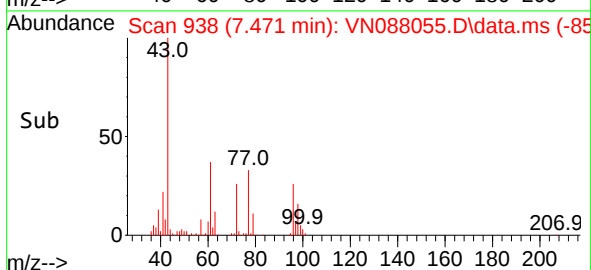
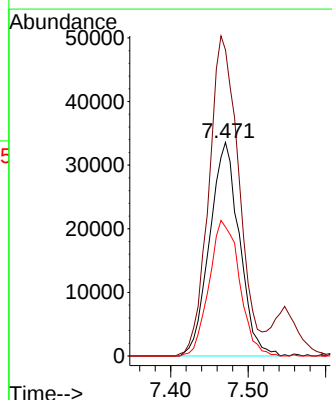
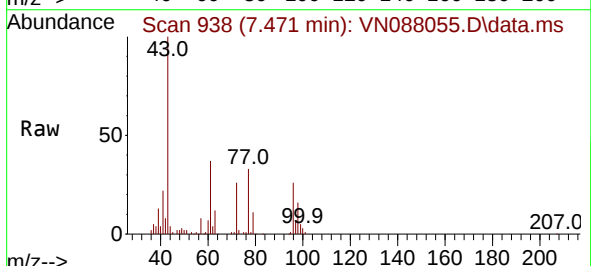
Manual Integrations
APPROVED

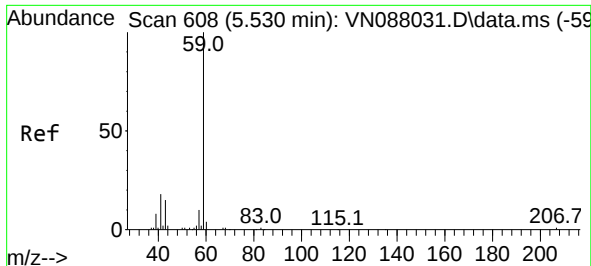
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#22
cis-1,2-Dichloroethene
Concen: 17.125 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

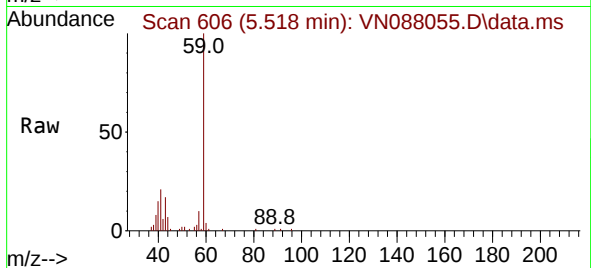
Tgt Ion: 96 Resp: 89581
Ion Ratio Lower Upper
96 100
61 150.7 117.0 175.6
98 64.6 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 77.626 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

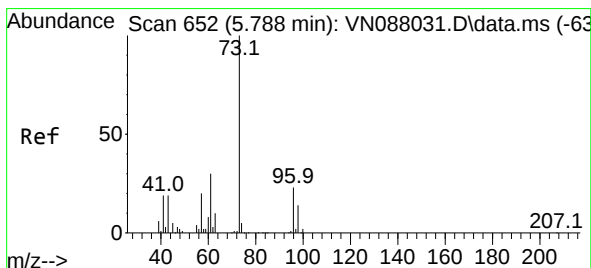
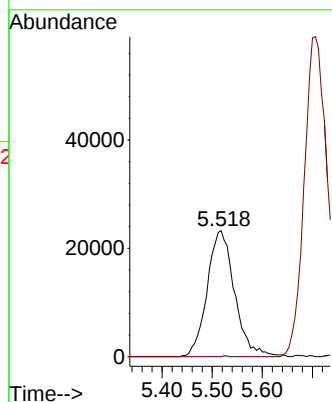
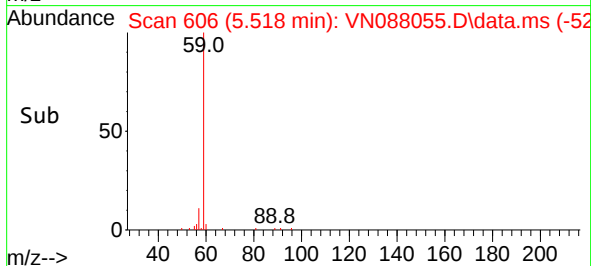
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



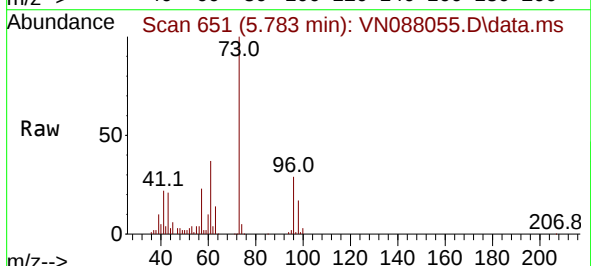
Tgt Ion: 59 Resp: 88279
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
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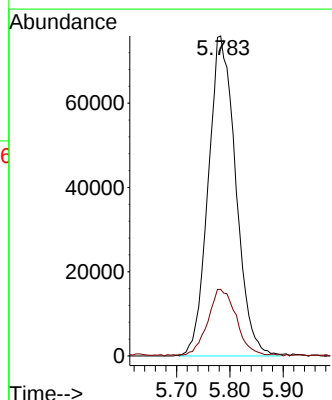
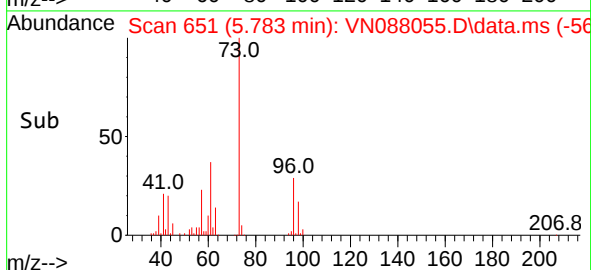
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

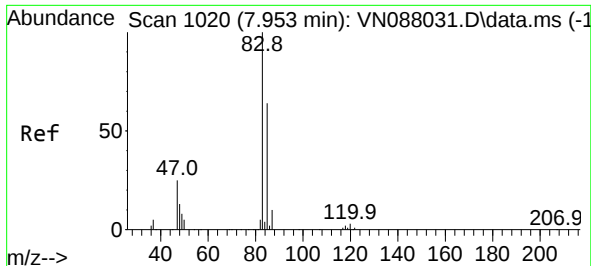


#24
Methyl tert-Butyl Ether
Concen: 17.486 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



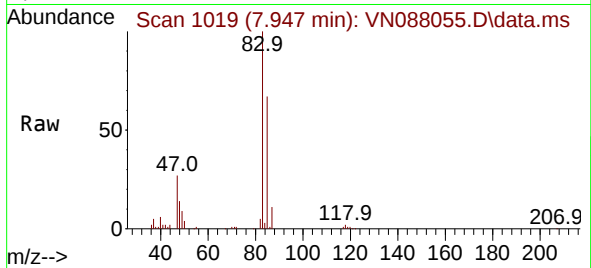
Tgt Ion: 73 Resp: 272797
Ion Ratio Lower Upper
73 100
43 20.9 17.0 25.4





#25
Chloroform
Concen: 17.747 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

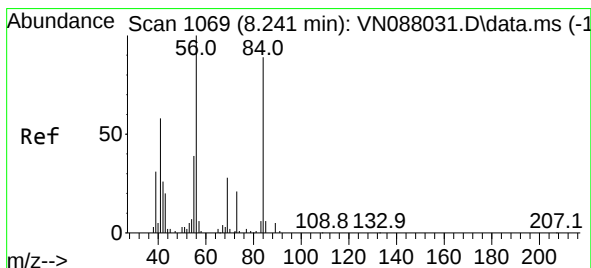
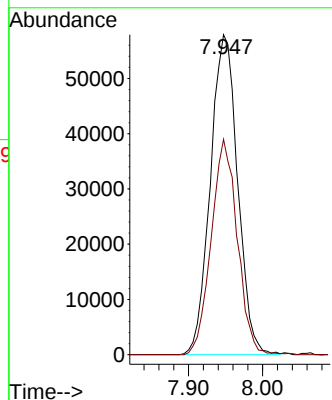
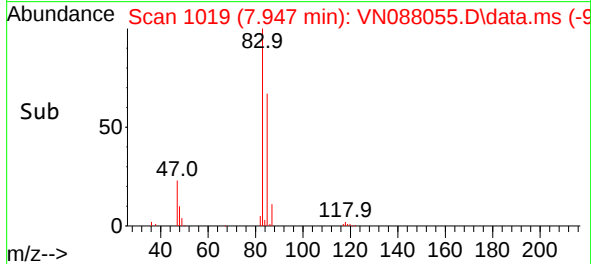
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 14803
Ion Ratio Lower Upper
83 100
85 67.3 50.9 76.3

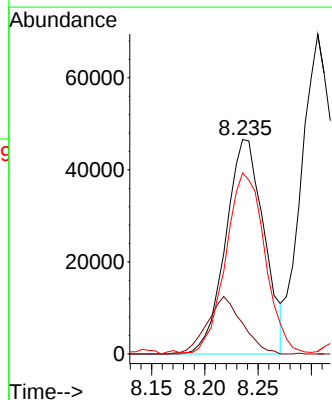
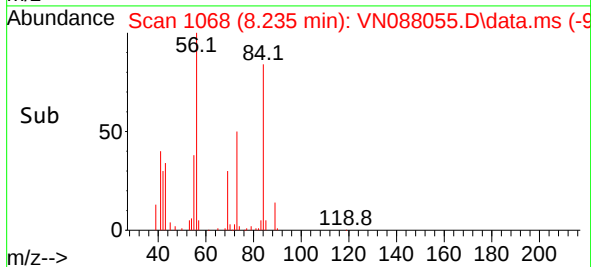
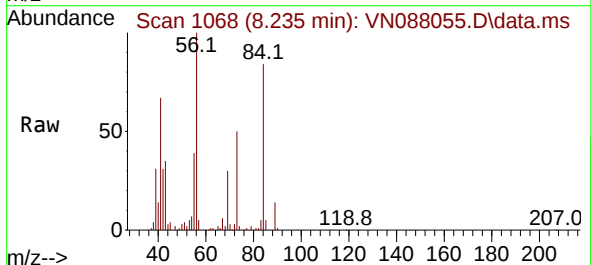
Manual Integrations
APPROVED

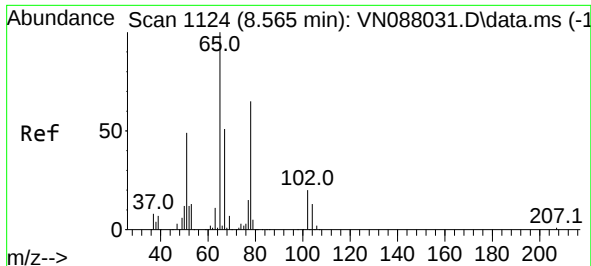
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#26
Cyclohexane
Concen: 17.439 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

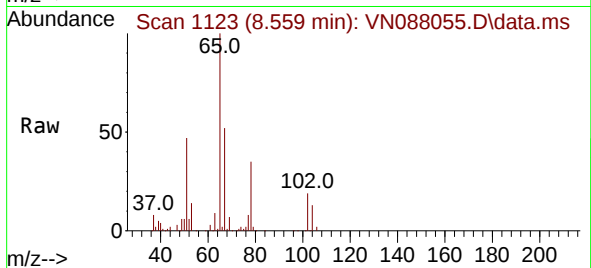
Tgt Ion: 56 Resp: 116788
Ion Ratio Lower Upper
56 100
89 24.5 8.6 12.8#
84 86.3 69.6 104.4





#27
1,2-Dichloroethane-d4
Concen: 31.393 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

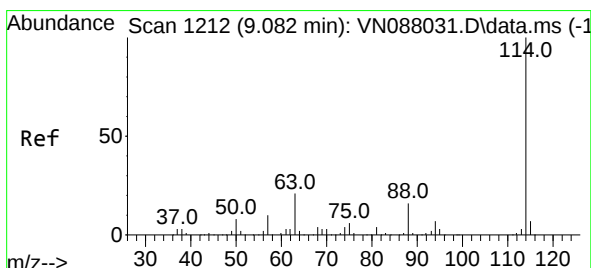
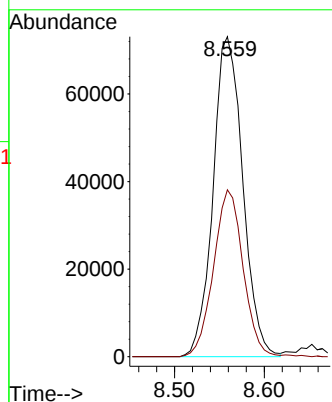
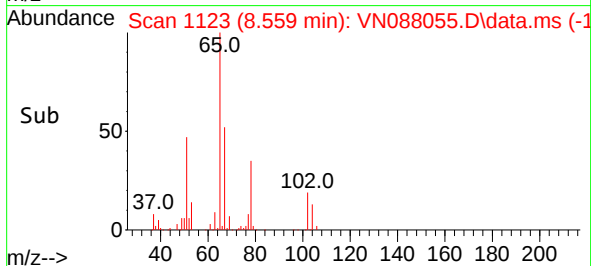
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



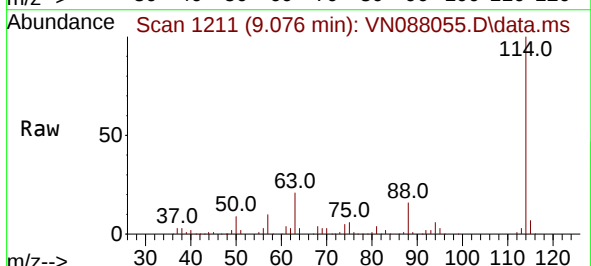
Tgt Ion: 65 Resp: 16804
Ion Ratio Lower Upper
65 100
67 51.7 41.9 62.9

Manual Integrations
APPROVED

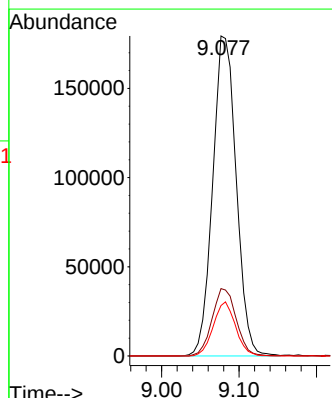
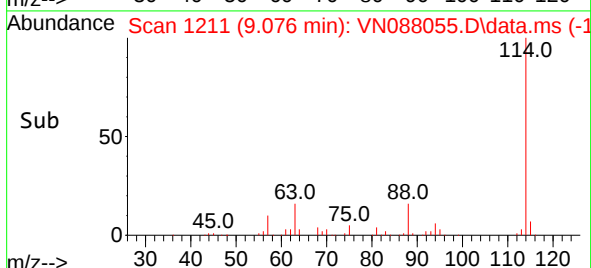
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

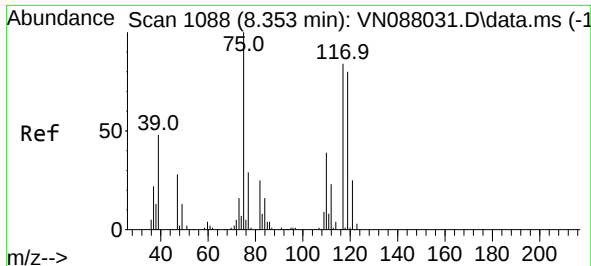


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.076 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



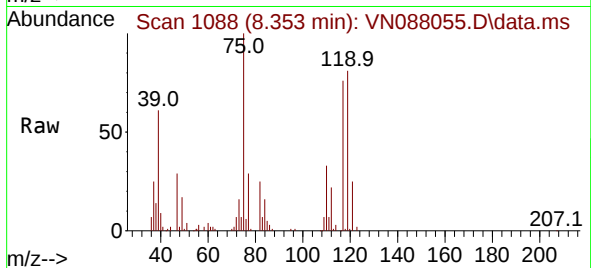
Tgt Ion:114 Resp: 379209
Ion Ratio Lower Upper
114 100
63 21.6 16.6 25.0
88 16.0 12.6 18.8





#29
1,1-Dichloropropene
Concen: 17.962 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

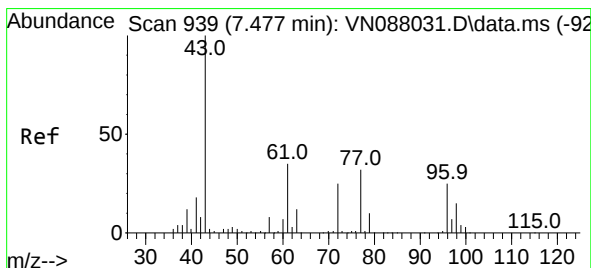
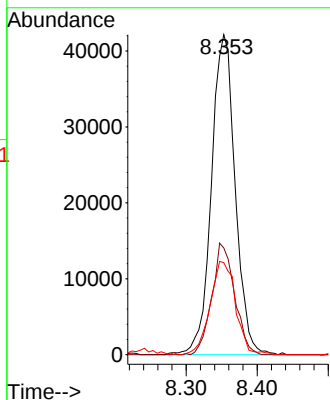
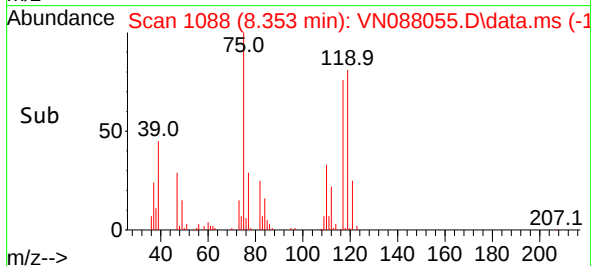
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



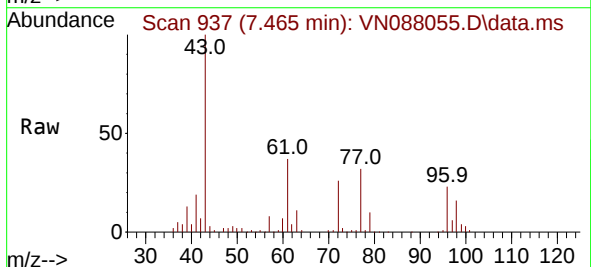
Tgt Ion: 75 Resp: 9763
Ion Ratio Lower Upper
75 100
110 33.4 0.0 72.2
77 31.3 0.0 60.6

Manual Integrations
APPROVED

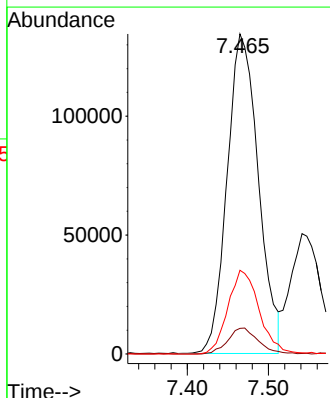
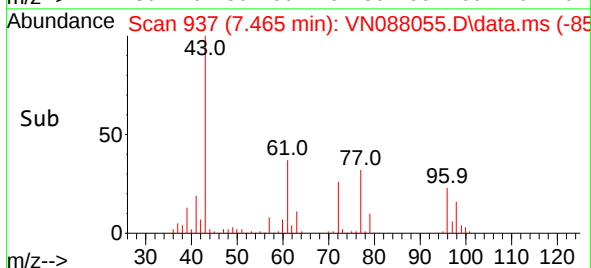
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

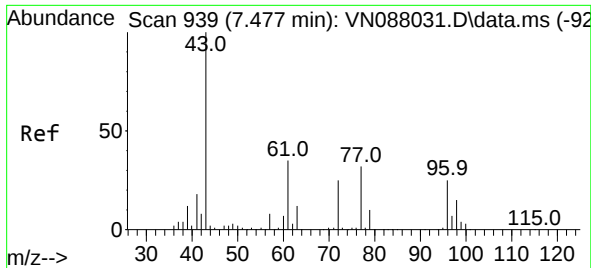


#30
2-Butanone
Concen: 89.786 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.012 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



Tgt Ion: 43 Resp: 359946
Ion Ratio Lower Upper
43 100
57 7.8 6.5 9.7
72 26.2 21.4 32.2





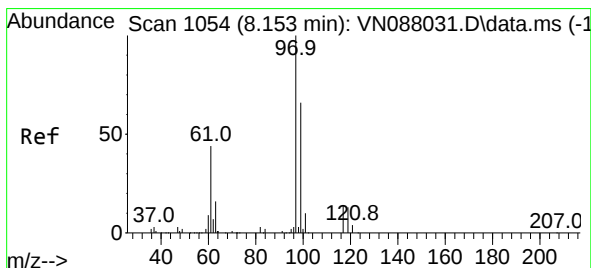
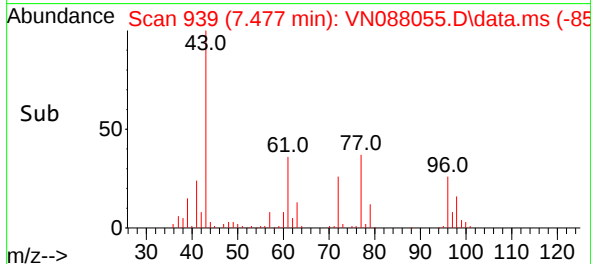
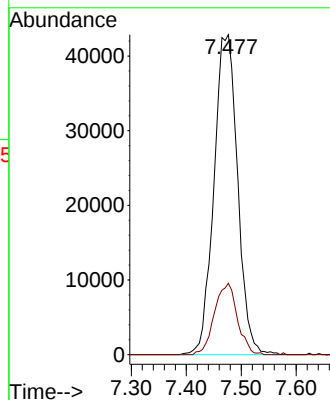
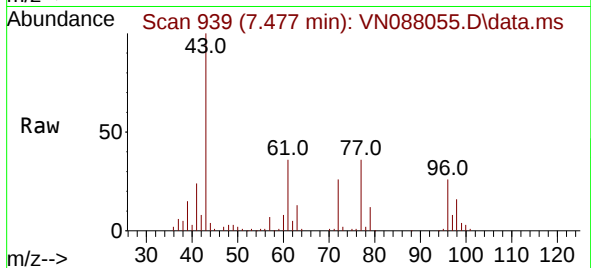
#31
2,2-Dichloropropane
Concen: 18.334 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 128404
Ion Ratio Lower Upper
77 100
97 21.5 17.8 26.8

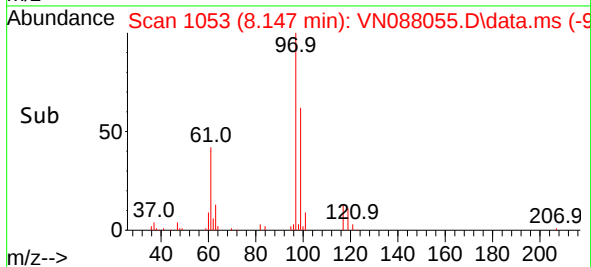
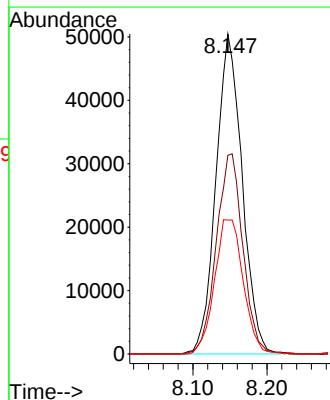
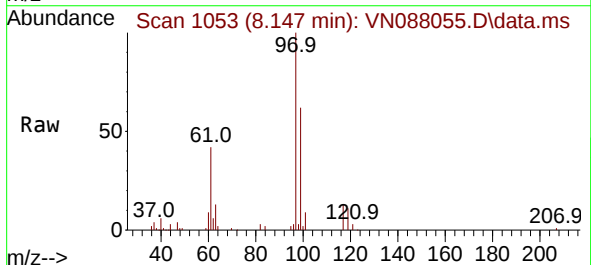
Manual Integrations
APPROVED

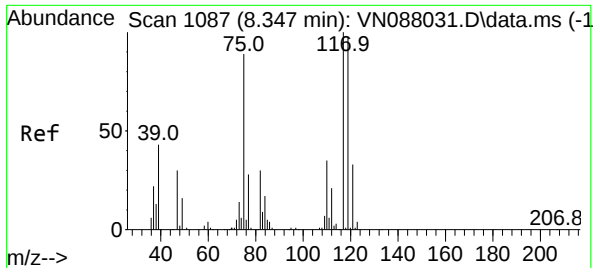
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#32
1,1,1-Trichloroethane
Concen: 18.239 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

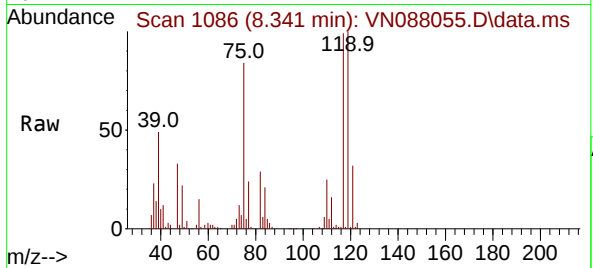
Tgt Ion: 97 Resp: 123879
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.2
61 46.0 34.7 52.1





#33
Carbon Tetrachloride
Concen: 17.672 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

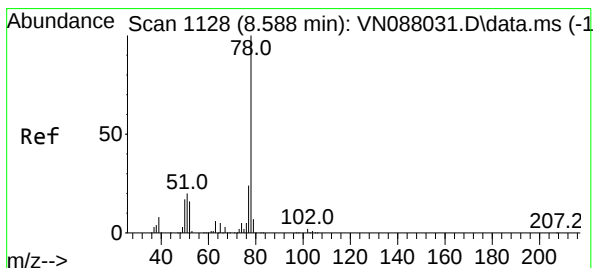
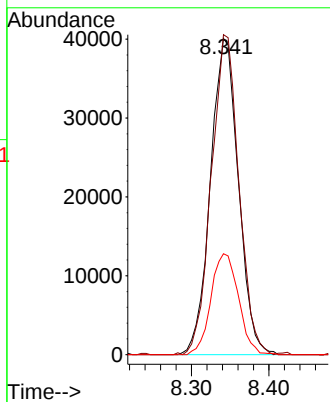
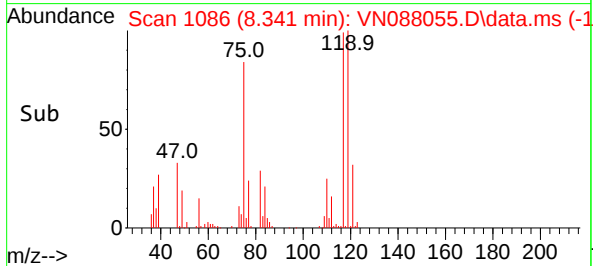
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 100538
Ion Ratio Lower Upper
117 100
119 100.7 77.9 116.9
121 31.9 26.4 39.6

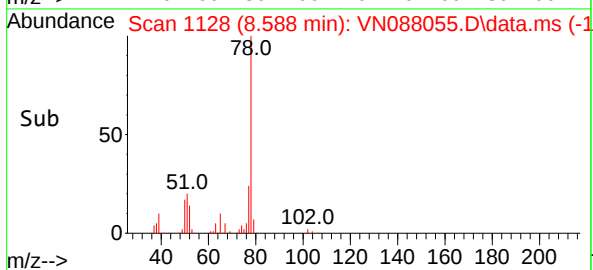
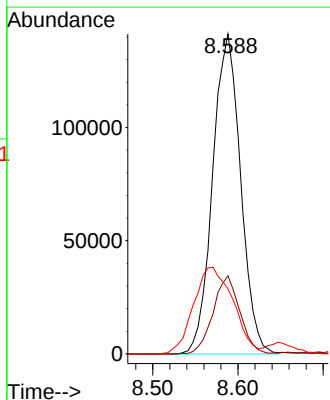
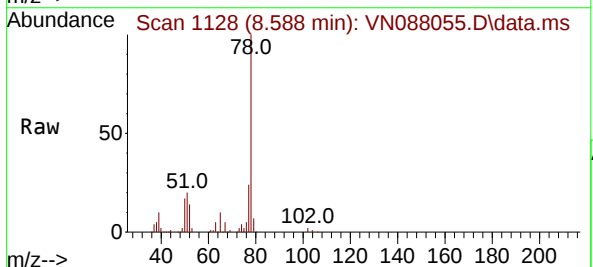
Manual Integrations
APPROVED

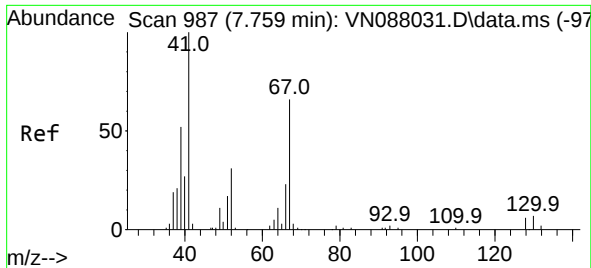
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#34
Benzene
Concen: 17.882 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 78 Resp: 322407
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3
51 17.4 15.6 23.4





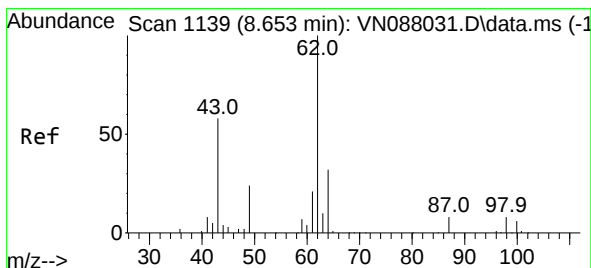
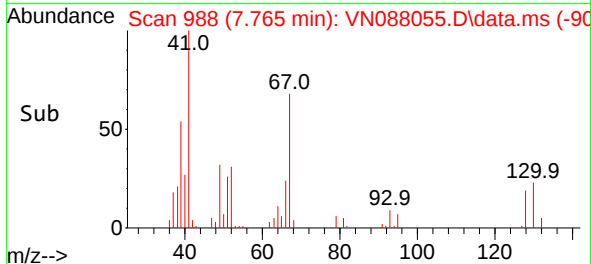
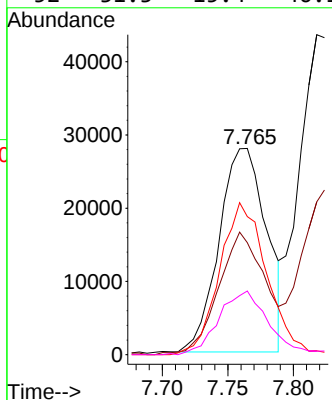
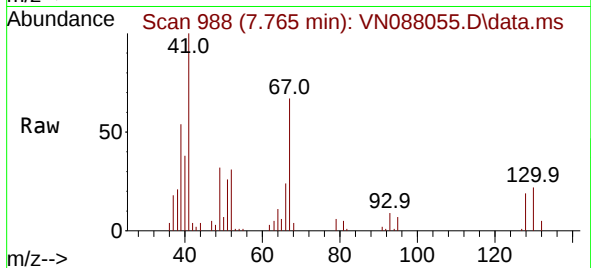
#35
Methacrylonitrile
Concen: 16.643 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 70160
Ion Ratio Lower Upper
41 100
39 53.7 26.1 78.3
67 66.9 33.1 99.2
52 31.3 15.4 46.1

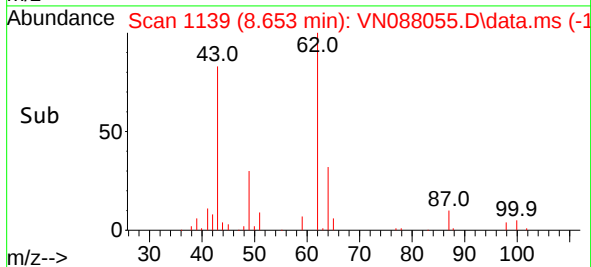
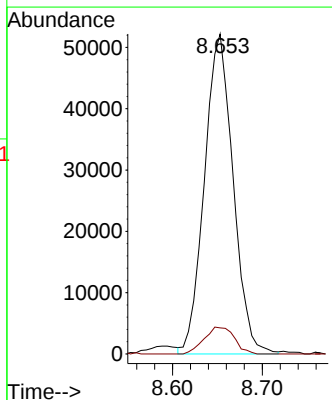
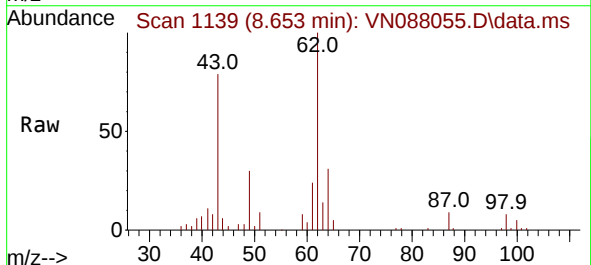
Manual Integrations
APPROVED

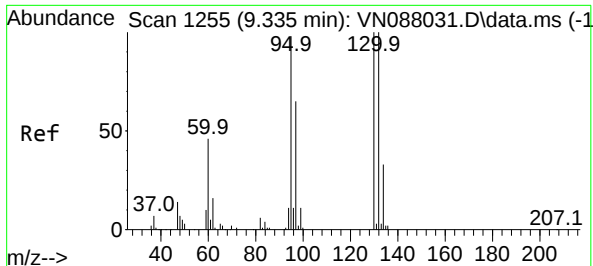
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#36
1,2-Dichloroethane
Concen: 18.531 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 62 Resp: 115989
Ion Ratio Lower Upper
62 100
98 8.8 7.8 11.6





#37
Trichloroethene
Concen: 16.902 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

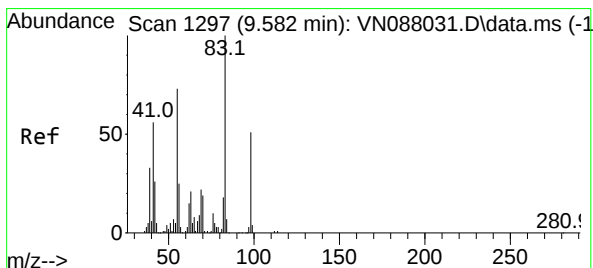
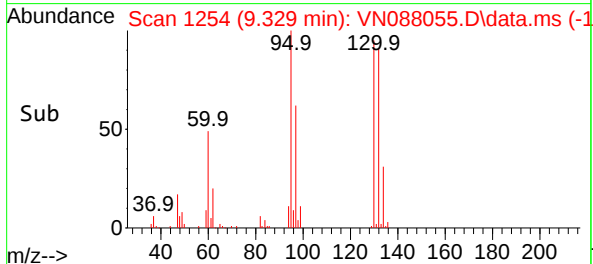
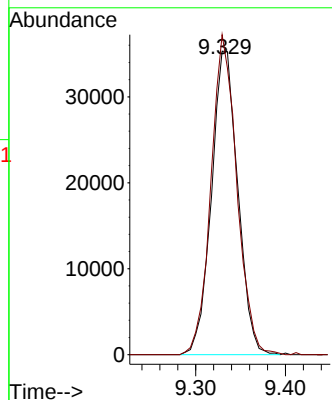
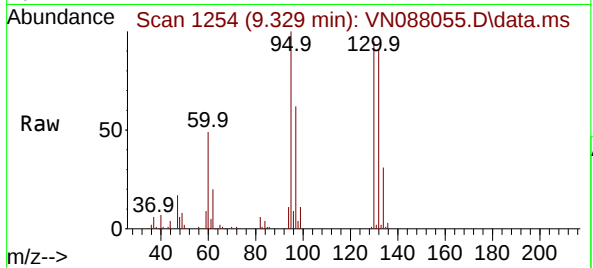
Tgt Ion:130 Resp: 72198
Ion Ratio Lower Upper
130 100
95 105.4 78.7 118.1

Manual Integrations

APPROVED

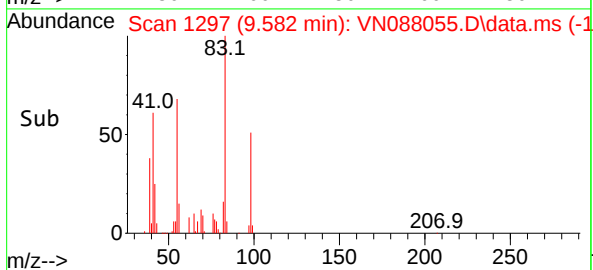
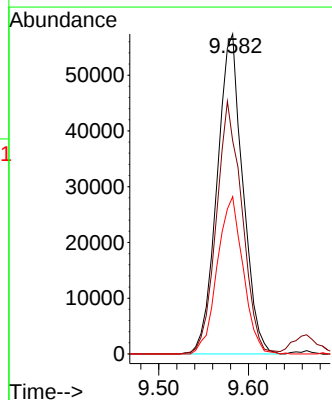
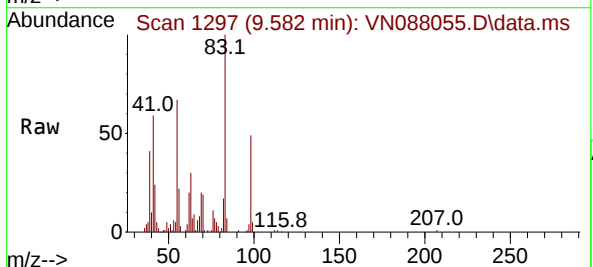
Reviewed By :John Carlone 10/20/2025

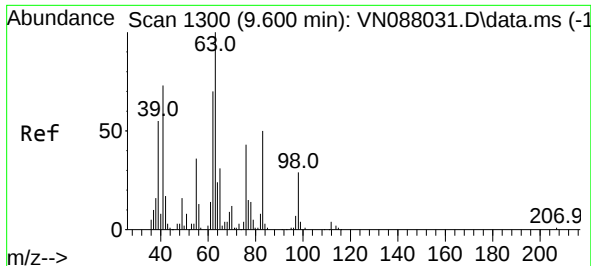
Supervised By :Mahesh Dadoda 10/20/2025



#38
Methylcyclohexane
Concen: 17.044 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

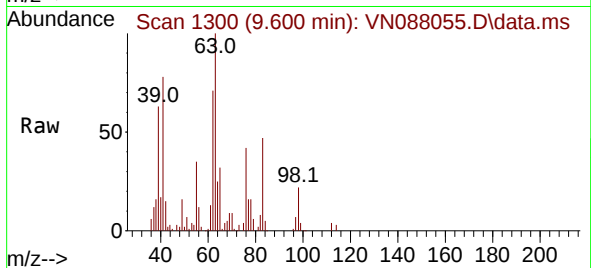
Tgt Ion: 83 Resp: 114412
Ion Ratio Lower Upper
83 100
55 78.7 37.3 111.9
98 49.2 25.4 76.0





#39
1,2-Dichloropropane
Concen: 17.791 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

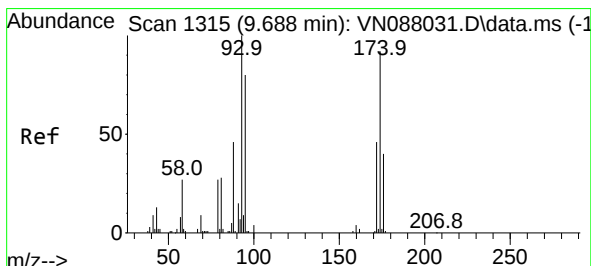
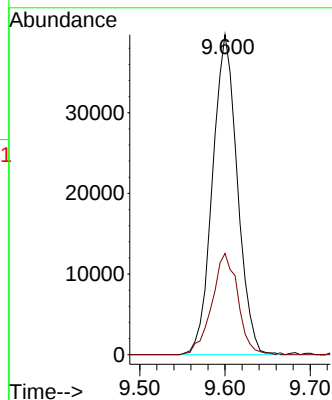
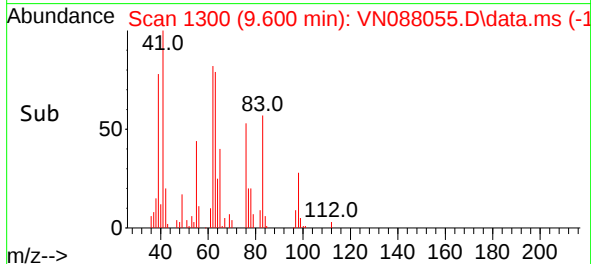
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 80429
Ion Ratio Lower Upper
63 100
65 31.7 25.0 37.6

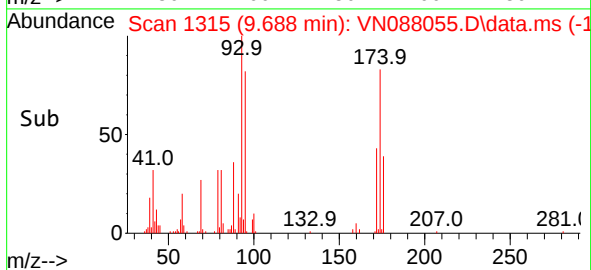
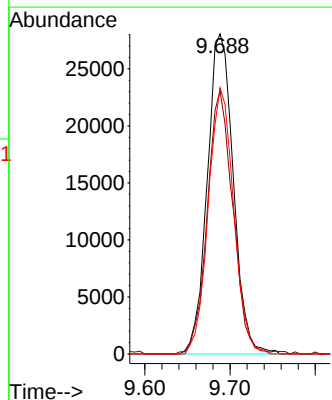
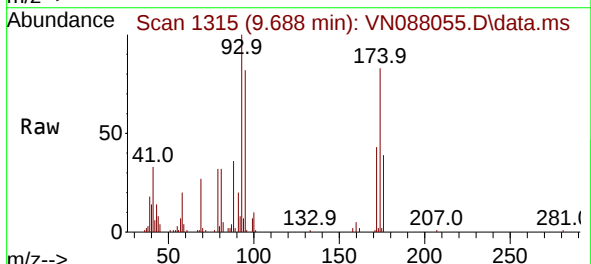
Manual Integrations
APPROVED

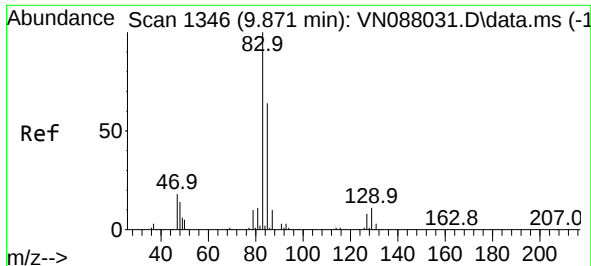
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#40
Dibromomethane
Concen: 18.115 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

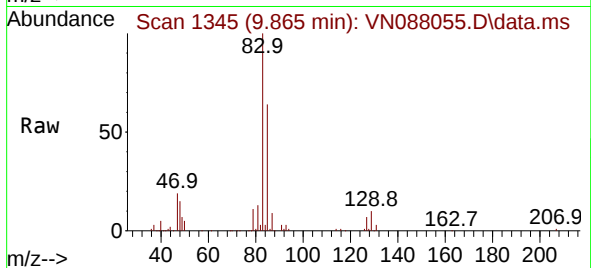
Tgt Ion: 93 Resp: 59612
Ion Ratio Lower Upper
93 100
95 80.7 0.0 158.6
174 80.7 0.0 180.8





#41
Bromodichloromethane
Concen: 17.860 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

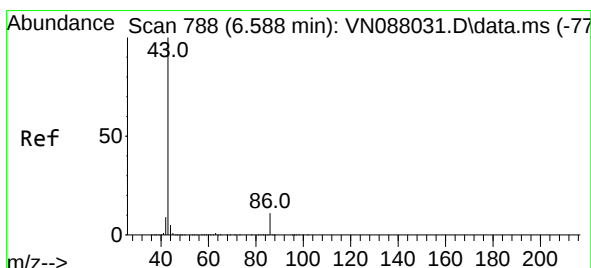
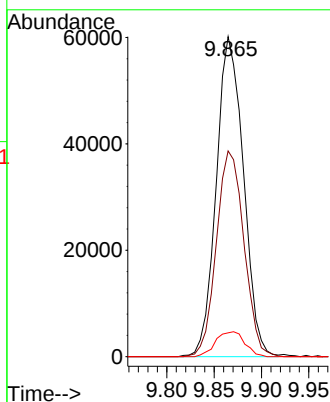
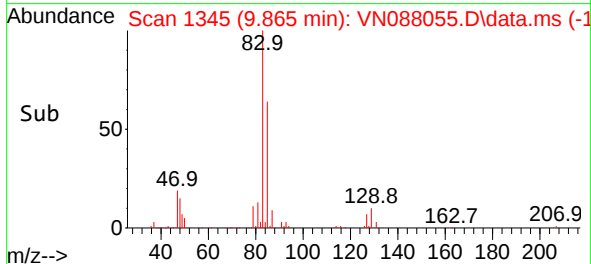
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 12003
Ion Ratio Lower Upper
83 100
85 64.3 51.0 76.4
127 7.5 6.1 9.1

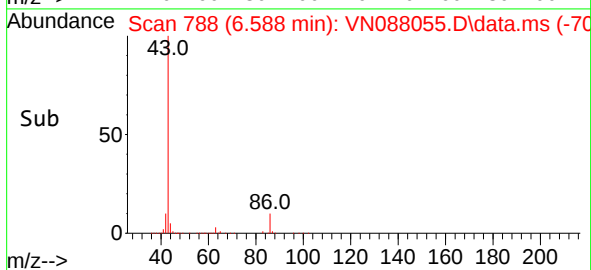
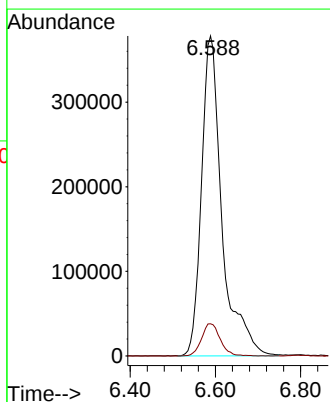
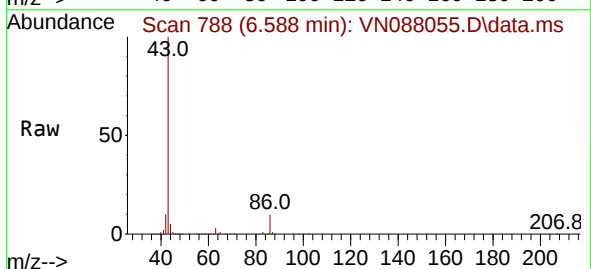
Manual Integrations
APPROVED

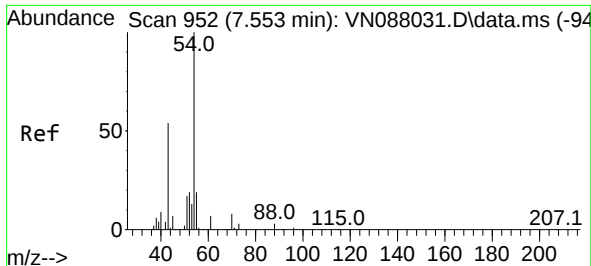
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#42
Vinyl Acetate
Concen: 92.397 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

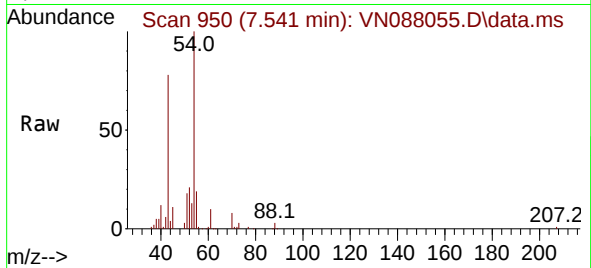
Tgt Ion: 43 Resp: 1261882
Ion Ratio Lower Upper
43 100
86 9.1 8.4 12.6





#43
Ethyl Acetate
Concen: 18.273 ug/l m
RT: 7.541 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

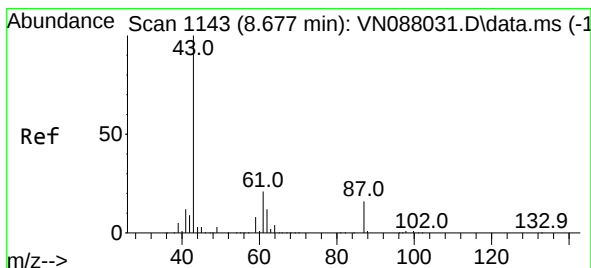
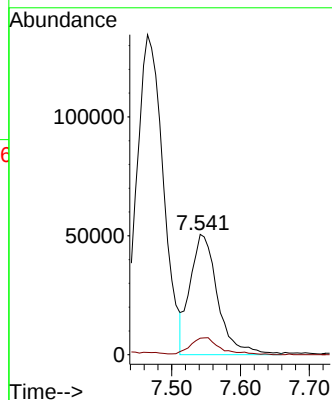
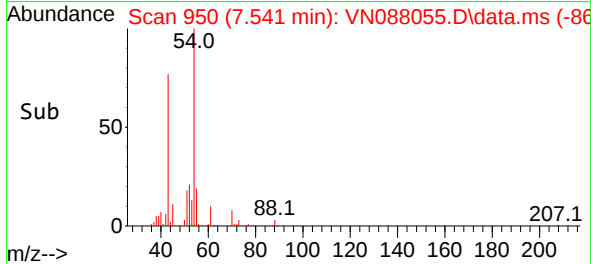
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 140810
Ion Ratio Lower Upper
43 100
45 13.6 10.2 15.4

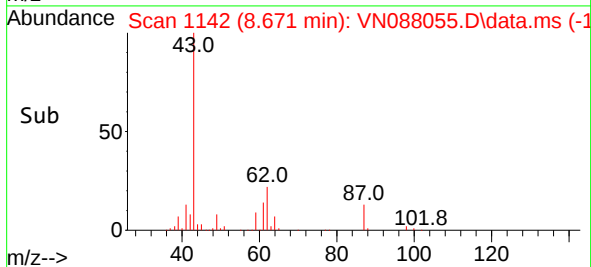
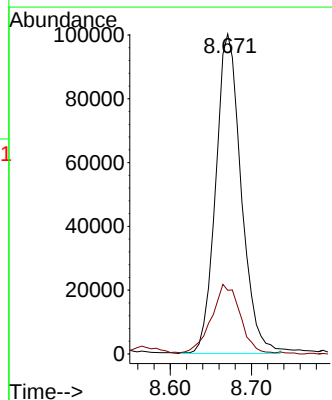
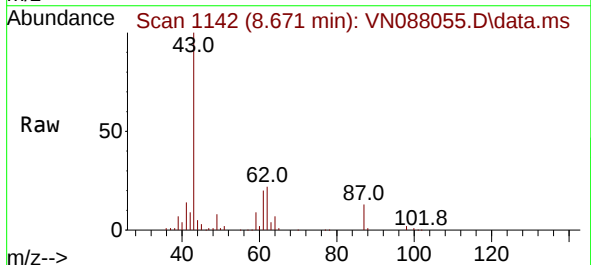
Manual Integrations
APPROVED

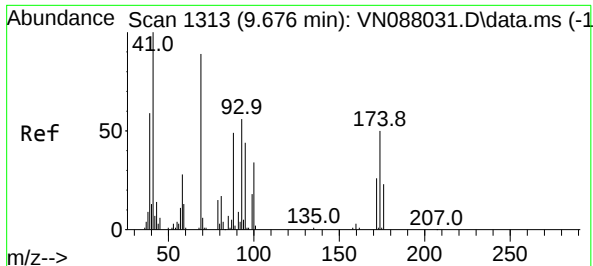
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#44
Isopropyl Acetate
Concen: 17.358 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

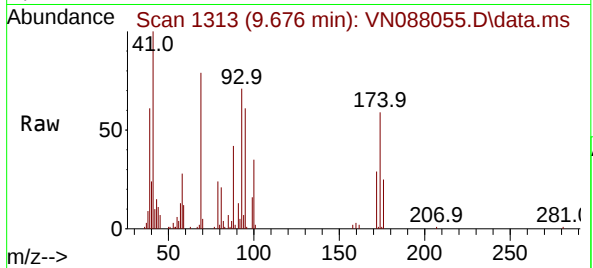
Tgt Ion: 43 Resp: 218478
Ion Ratio Lower Upper
43 100
61 24.8 18.7 28.1





#45
1,4-Dioxane
Concen: 299.765 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

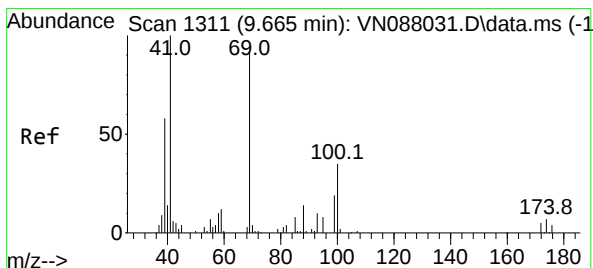
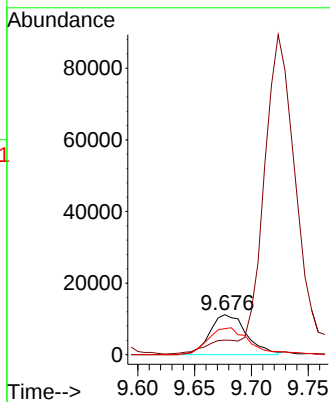
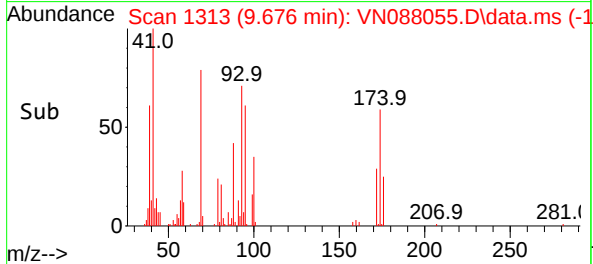
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



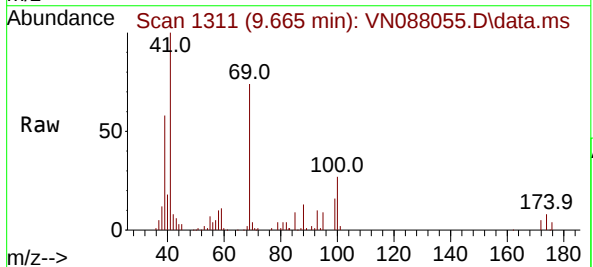
Tgt Ion: 88 Resp: 25094
Ion Ratio Lower Upper
88 100
43 32.2 18.6 27.8
58 77.1 57.4 86.2

Manual Integrations
APPROVED

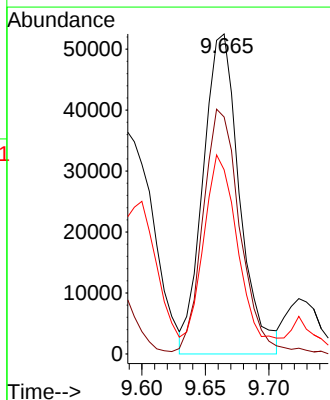
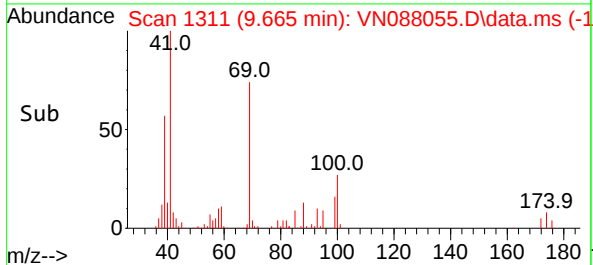
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

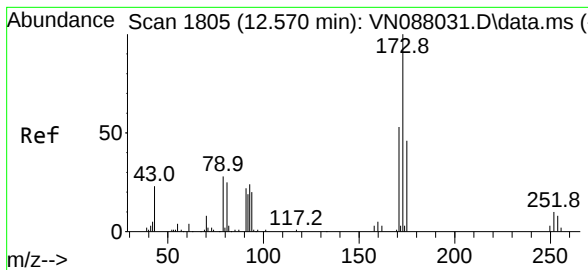


#46
Methyl methacrylate
Concen: 18.908 ug/l m
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



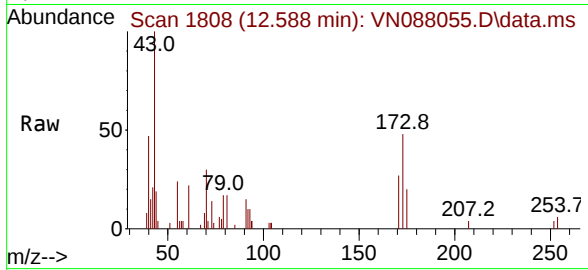
Tgt Ion: 41 Resp: 104805
Ion Ratio Lower Upper
41 100
69 74.1 44.9 134.7
39 57.5 30.3 90.8





#47
n-amy1 Acetate
Concen: 20.365 ug/l m
RT: 12.588 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

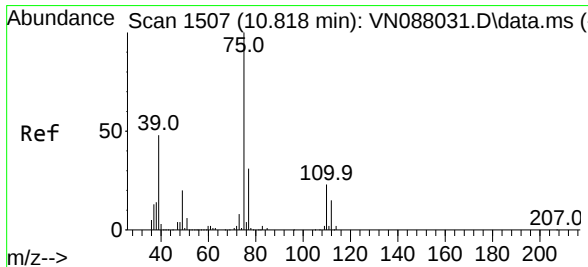
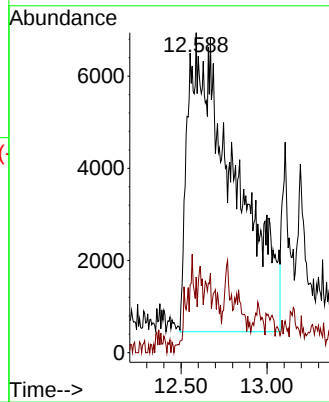
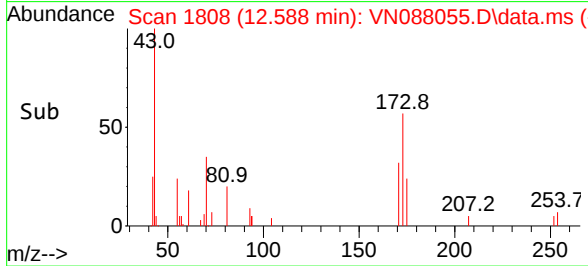
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 121494
Ion Ratio Lower Upper
43 100
55 0.4 0.6 0.8

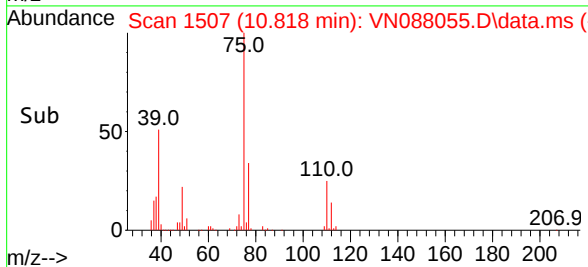
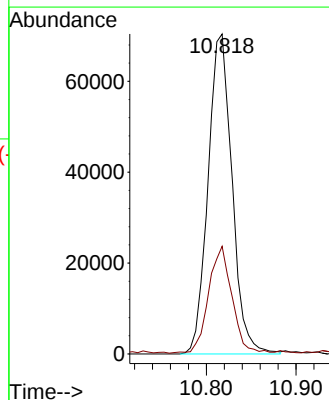
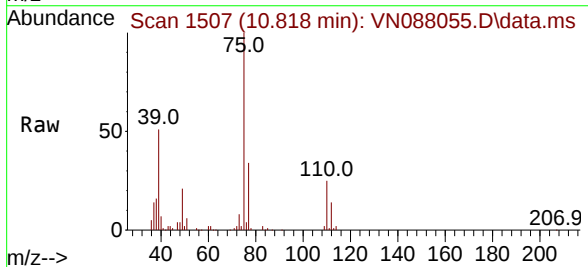
Manual Integrations
APPROVED

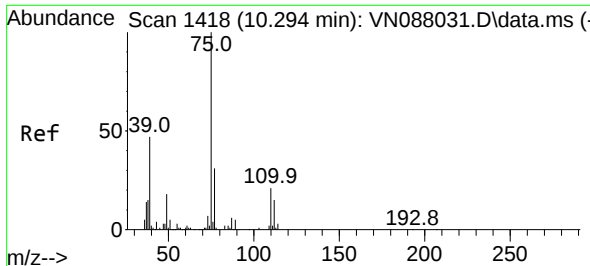
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#48
t-1,3-Dichloropropene
Concen: 17.526 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

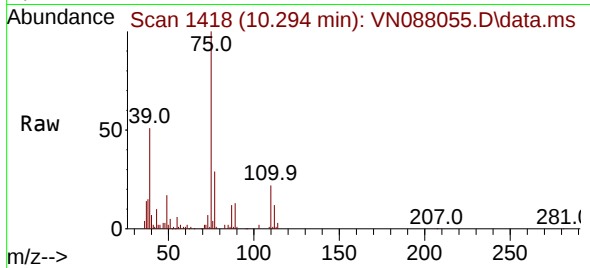
Tgt Ion: 75 Resp: 130980
Ion Ratio Lower Upper
75 100
77 33.1 24.5 36.7





#49
 cis-1,3-Dichloropropene
 Concen: 17.833 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

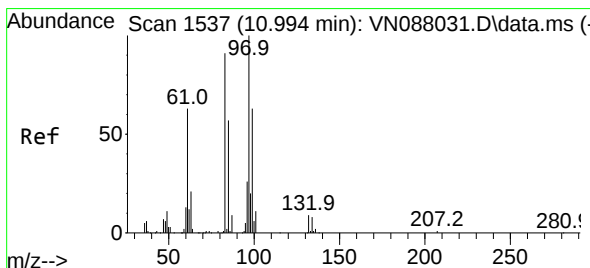
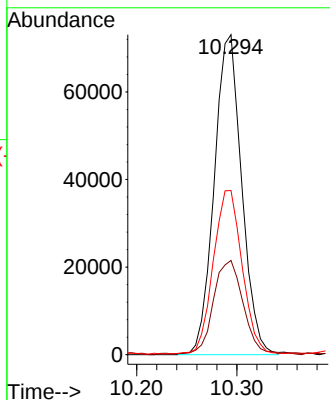
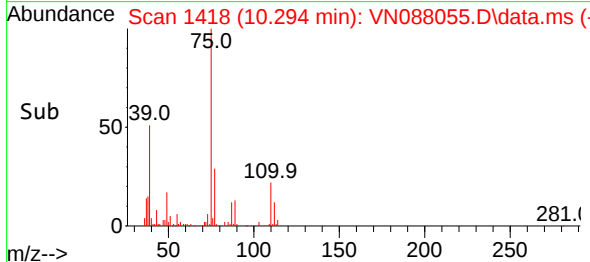
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



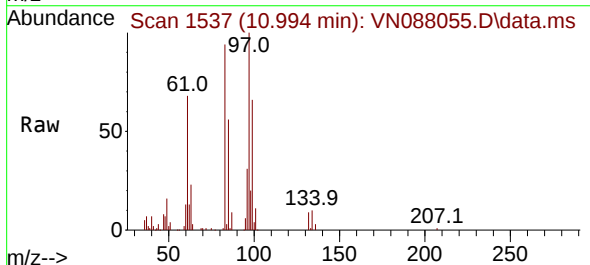
Tgt Ion: 75 Resp: 139010
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.0 37.4
 39 50.9 37.4 56.0

Manual Integrations
 APPROVED

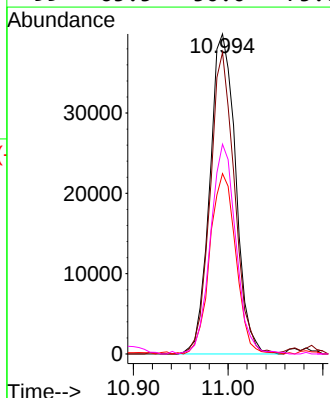
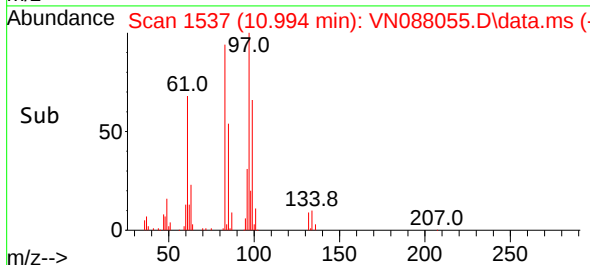
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

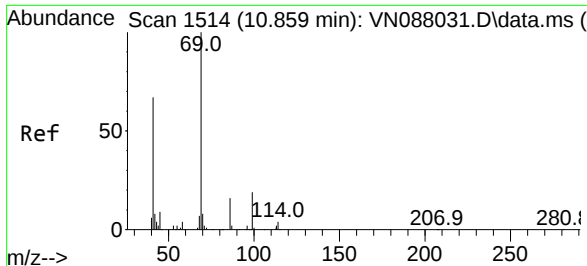


#50
 1,1,2-Trichloroethane
 Concen: 17.333 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29



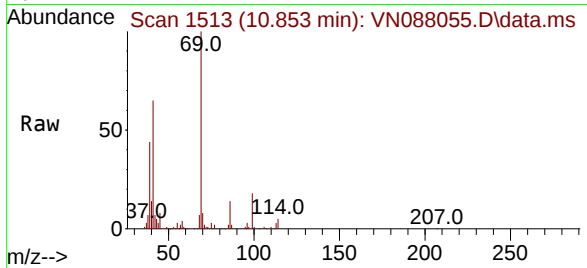
Tgt Ion: 97 Resp: 75536
 Ion Ratio Lower Upper
 97 100
 83 94.3 72.5 108.7
 85 55.9 45.5 68.3
 99 65.5 50.0 75.0





#51
Ethyl methacrylate
Concen: 17.140 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

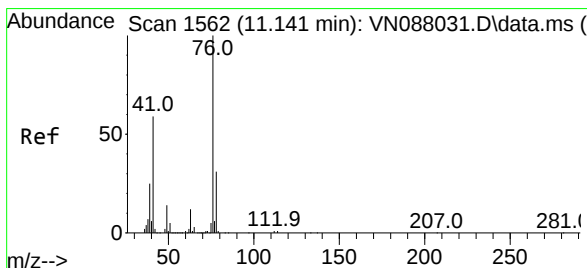
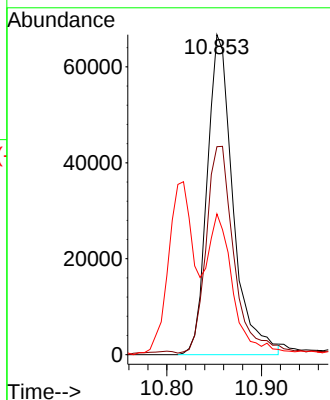
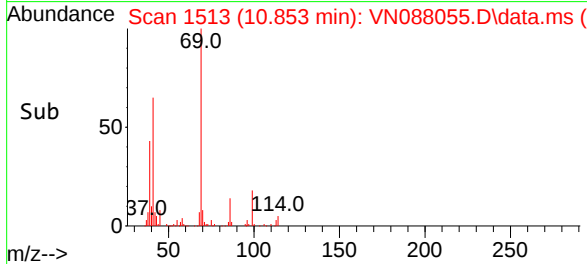
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 126407
Ion Ratio Lower Upper
69 100
41 64.5 33.3 99.8
39 42.3 20.3 61.0

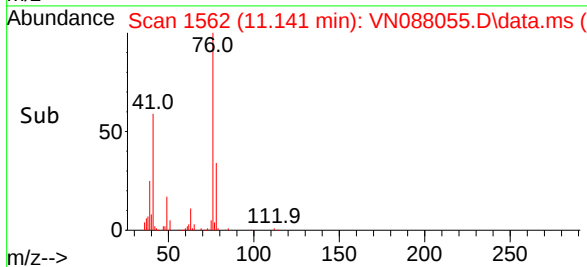
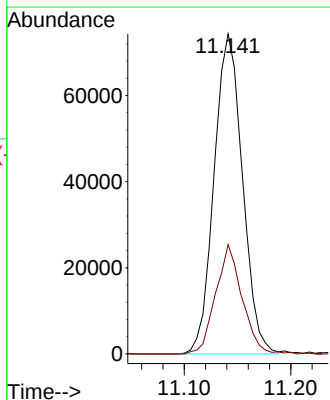
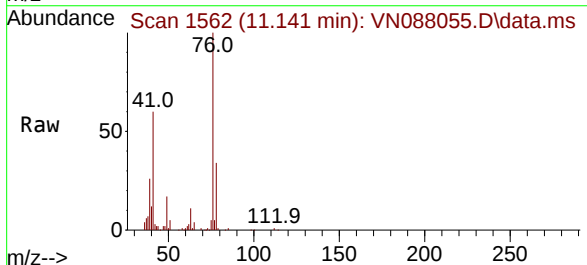
Manual Integrations
APPROVED

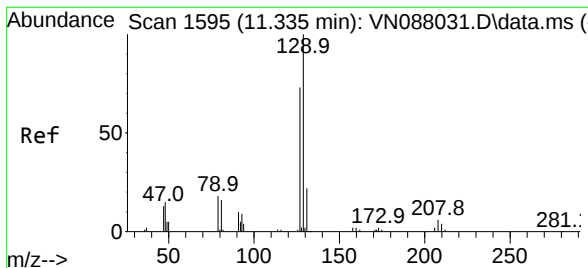
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#52
1,3-Dichloropropane
Concen: 18.069 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

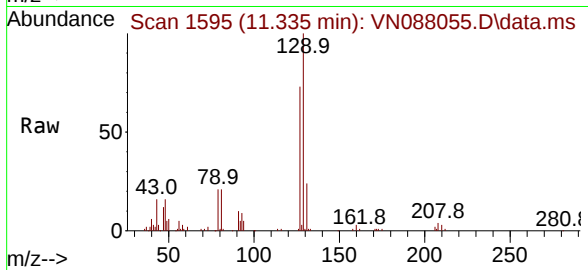
Tgt Ion: 76 Resp: 137378
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.0





#53
Dibromochloromethane
Concen: 17.666 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

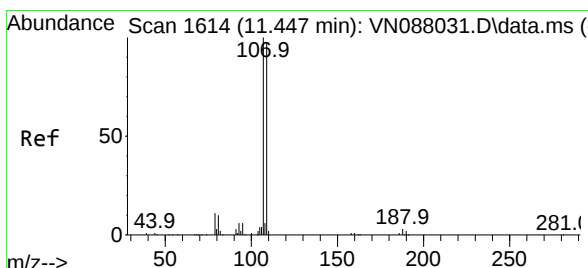
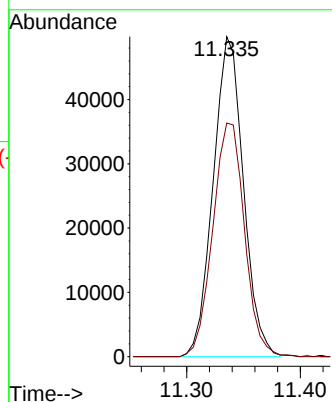
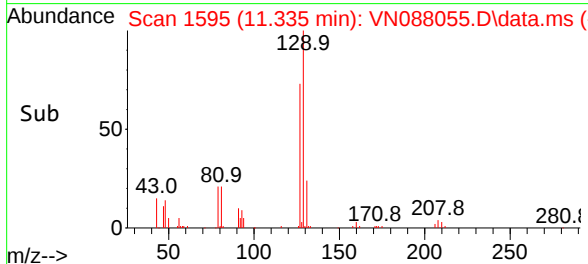
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



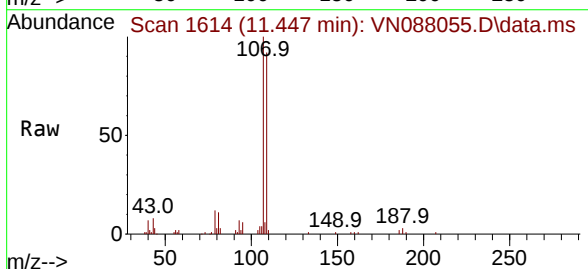
Tgt Ion:129 Resp: 92038
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3

Manual Integrations
APPROVED

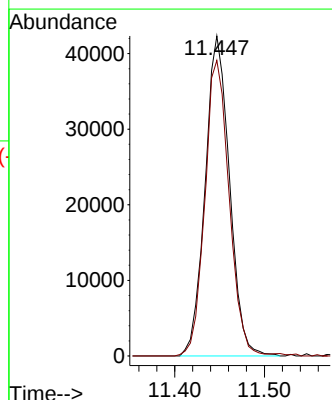
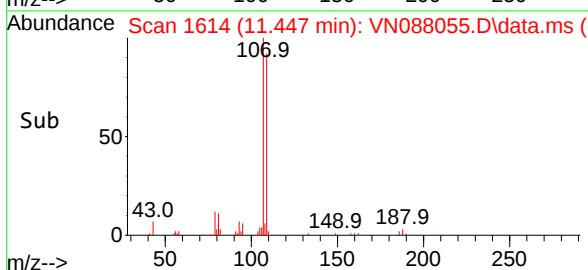
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

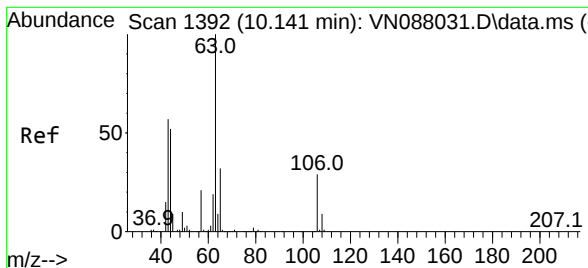


#54
1,2-Dibromoethane
Concen: 17.184 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



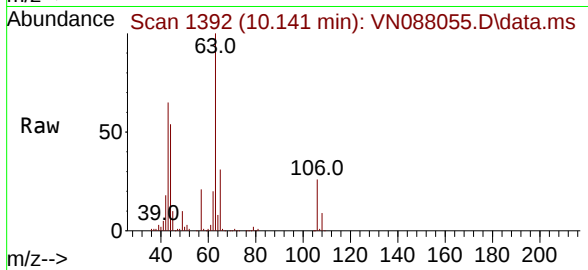
Tgt Ion:107 Resp: 80058
Ion Ratio Lower Upper
107 100
109 91.6 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 88.807 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

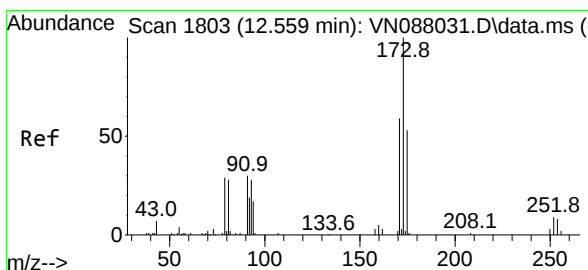
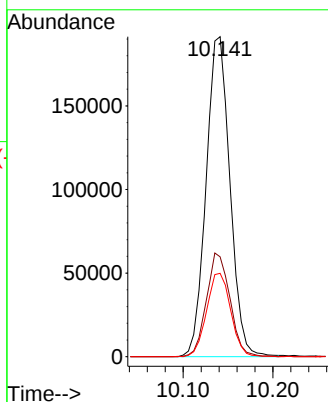
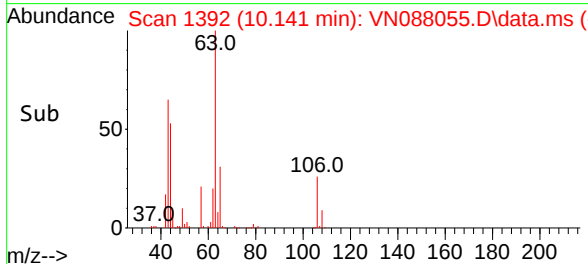
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 353530
Ion Ratio Lower Upper
63 100
65 31.9 25.7 38.5
106 26.4 22.6 34.0

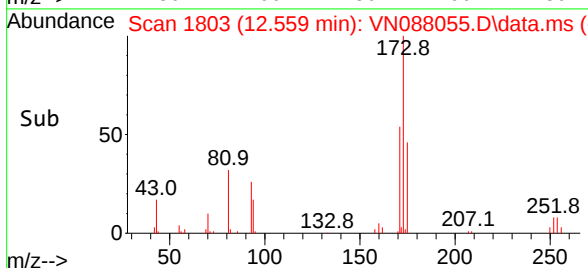
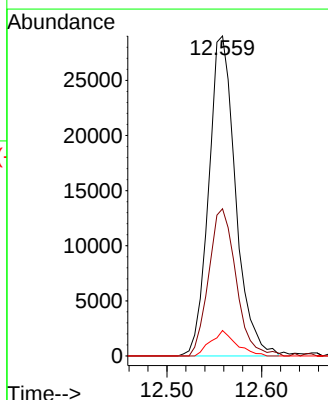
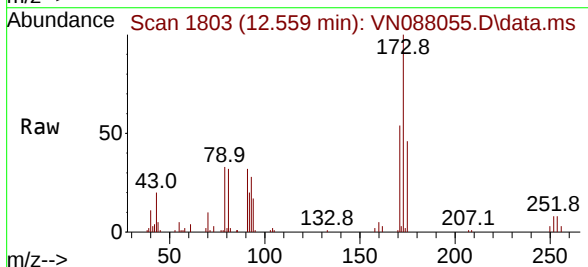
Manual Integrations
APPROVED

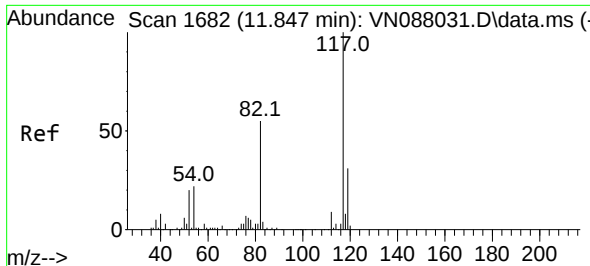
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#56
Bromoform
Concen: 16.246 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

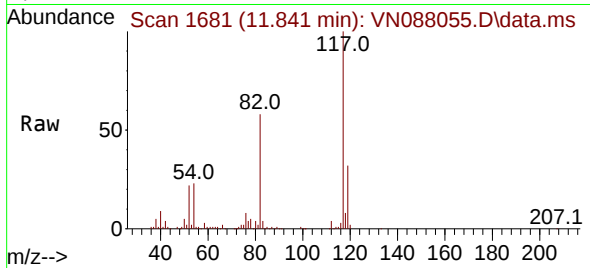
Tgt Ion:173 Resp: 57223
Ion Ratio Lower Upper
173 100
175 46.4 39.6 59.4
254 7.5 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

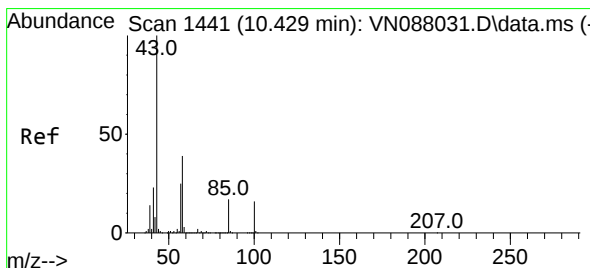
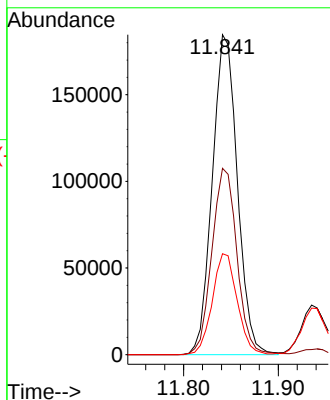
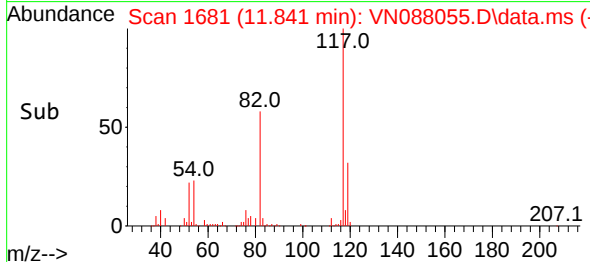
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



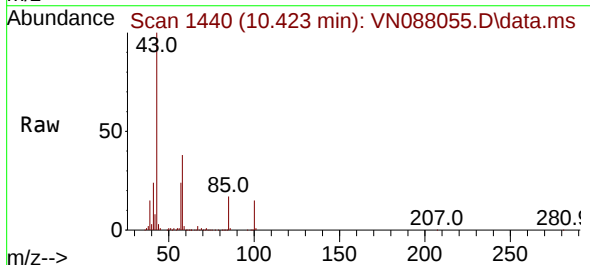
Tgt Ion:117 Resp: 339769
Ion Ratio Lower Upper
117 100
82 58.4 45.2 67.8
119 31.3 25.9 38.9

Manual Integrations
APPROVED

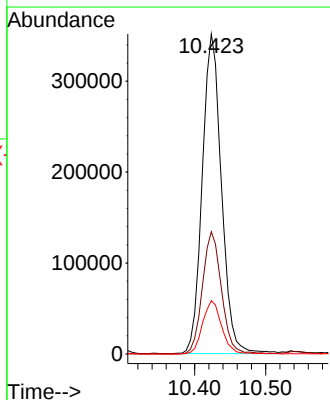
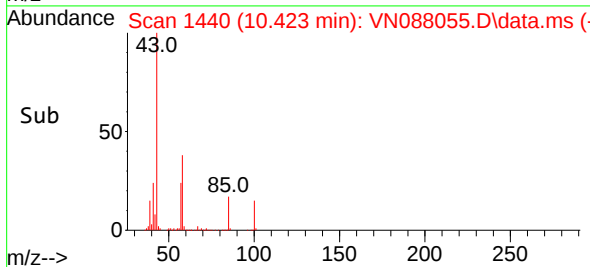
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

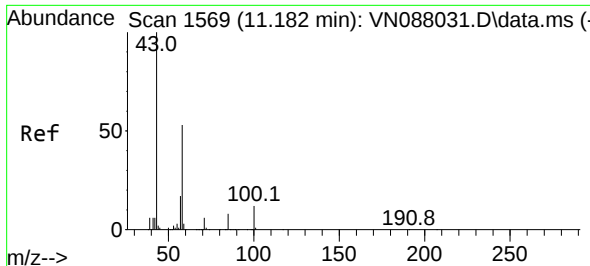


#58
4-Methyl-2-Pentanone
Concen: 86.980 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



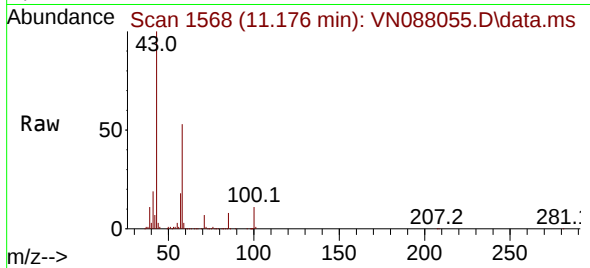
Tgt Ion: 43 Resp: 661034
Ion Ratio Lower Upper
43 100
58 37.6 31.2 46.8
85 16.5 13.7 20.5





#59
2-Hexanone
Concen: 89.713 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

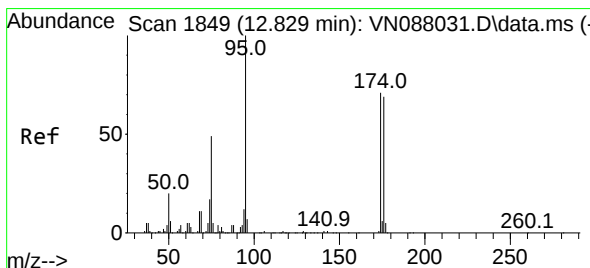
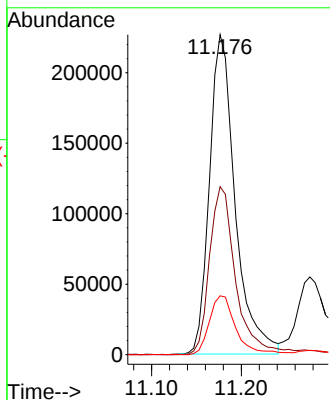
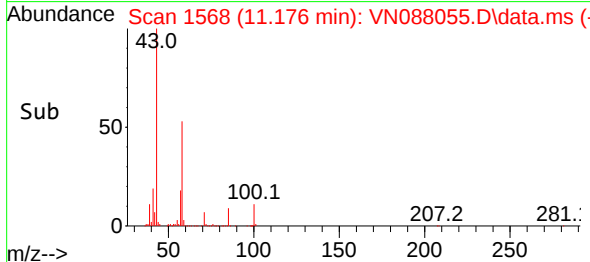
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



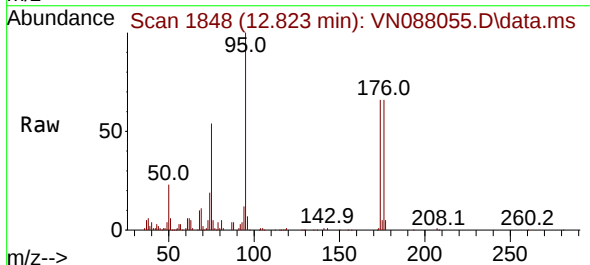
Tgt Ion: 43 Resp: 450152
Ion Ratio Lower Upper
43 100
58 53.7 43.1 64.7
57 19.3 14.6 21.8

Manual Integrations
APPROVED

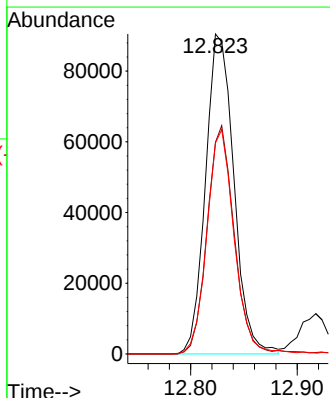
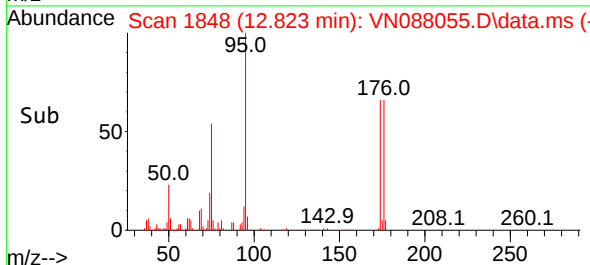
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

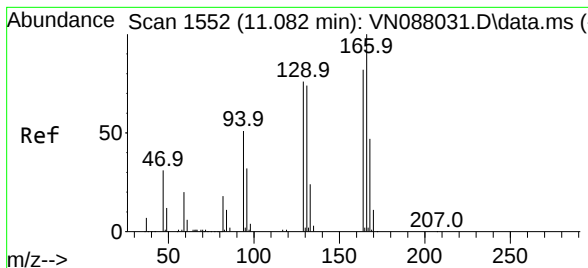


#60
4-Bromofluorobenzene
Concen: 29.905 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



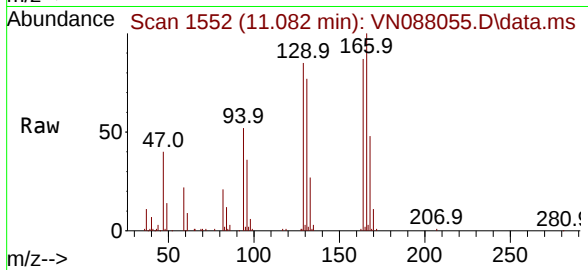
Tgt Ion: 95 Resp: 167508
Ion Ratio Lower Upper
95 100
174 67.7 57.4 86.0
176 67.3 57.0 85.4





#61
Tetrachloroethene
Concen: 16.745 ug/l
RT: 11.082 min Scan# 11052
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

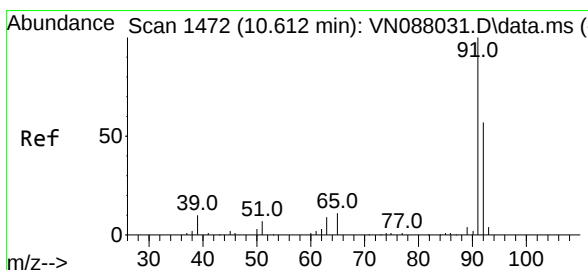
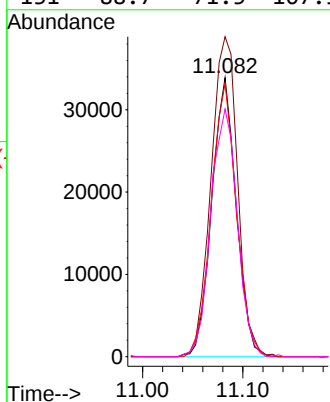
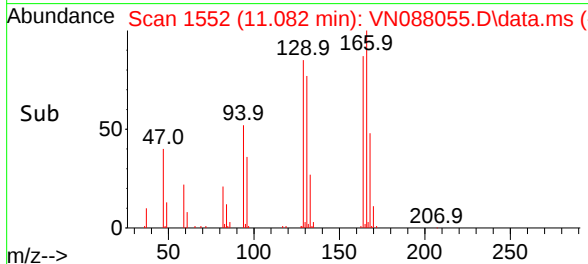
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



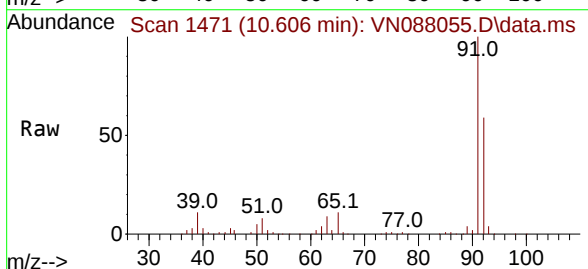
Tgt Ion:164 Resp: 57610
Ion Ratio Lower Upper
164 100
166 114.6 97.2 145.8
129 97.7 73.7 110.5
131 88.7 71.5 107.3

Manual Integrations
APPROVED

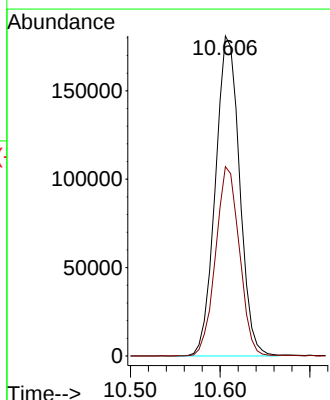
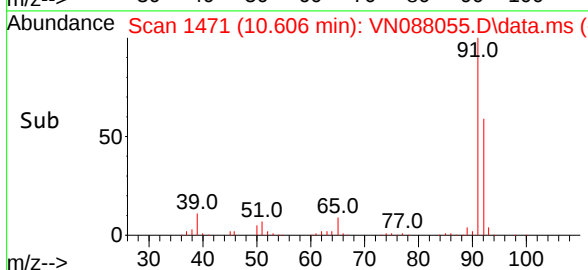
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

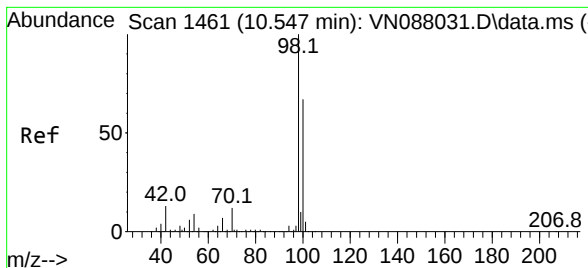


#62
Toluene
Concen: 17.595 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



Tgt Ion: 91 Resp: 339113
Ion Ratio Lower Upper
91 100
92 58.3 45.8 68.8





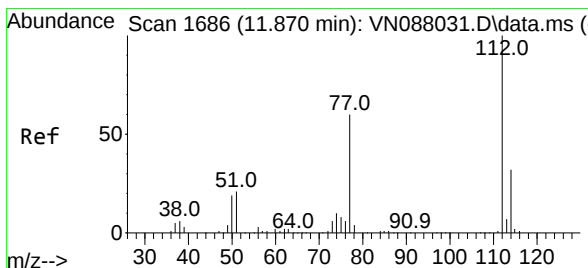
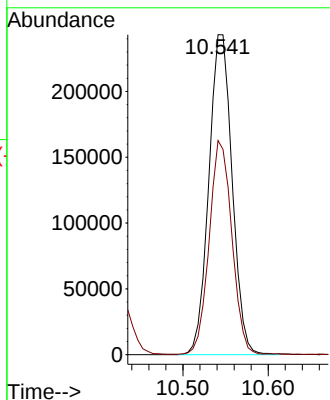
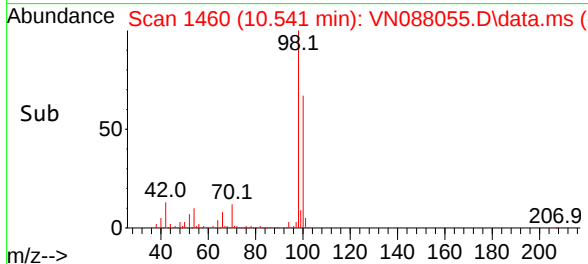
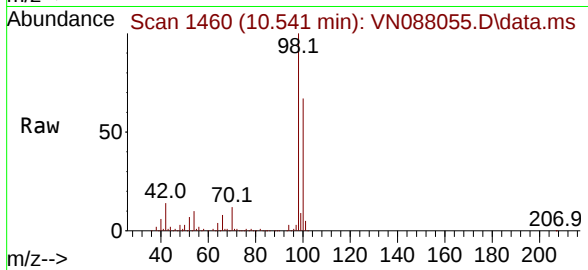
#63
Toluene-d8
Concen: 30.523 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 98 Resp: 46205
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

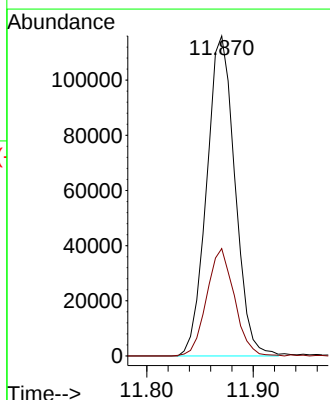
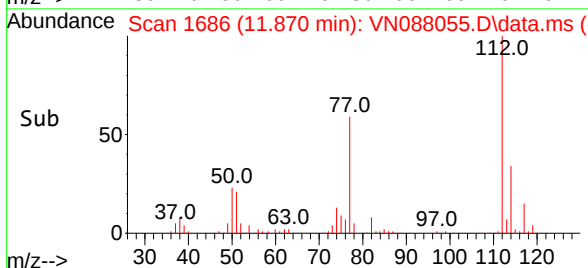
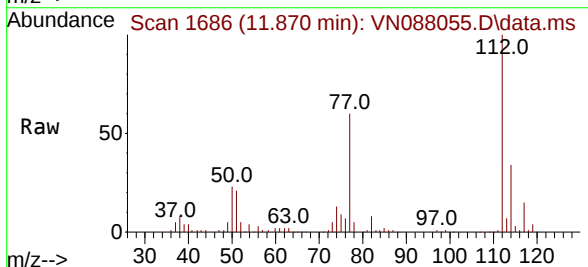
Manual Integrations
APPROVED

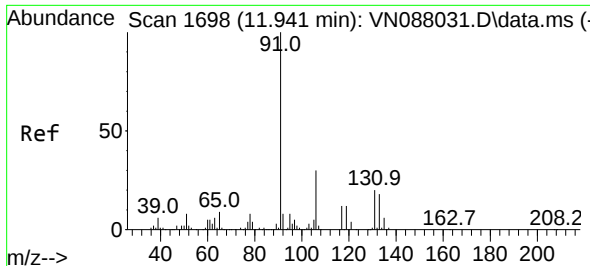
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#64
Chlorobenzene
Concen: 17.379 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

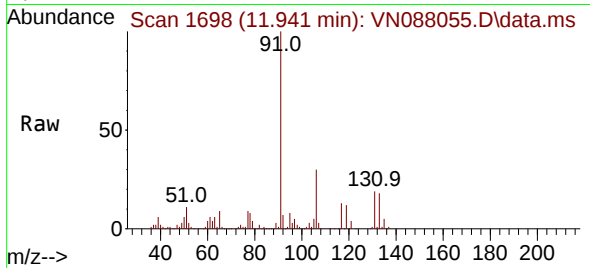
Tgt Ion:112 Resp: 213944
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 17.603 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

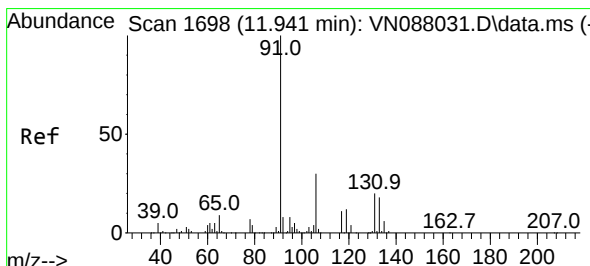
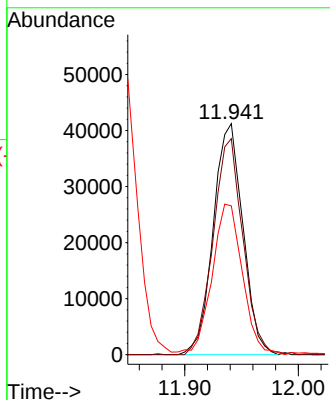
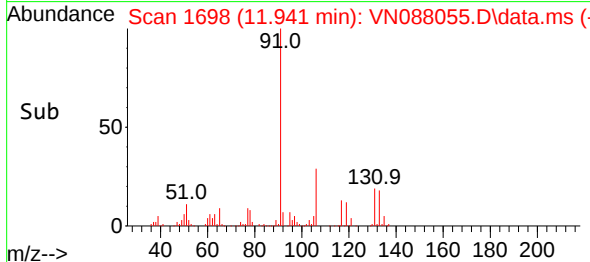
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 7467
Ion Ratio Lower Upper
131 100
133 94.4 0.0 183.8
119 66.9 0.0 132.0

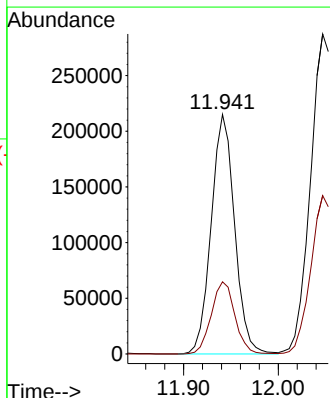
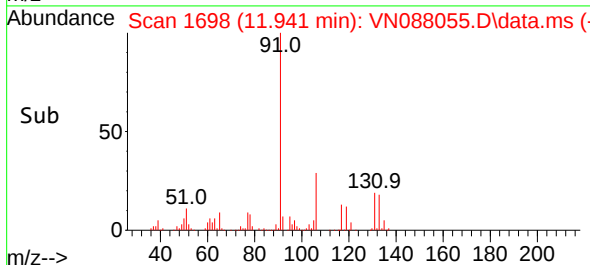
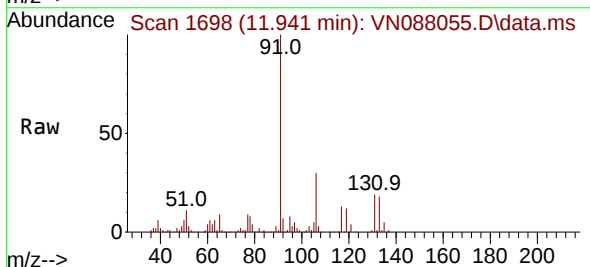
Manual Integrations
APPROVED

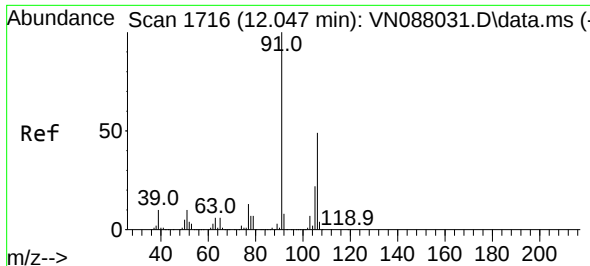
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#66
Ethyl Benzene
Concen: 17.649 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 91 Resp: 369860
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0





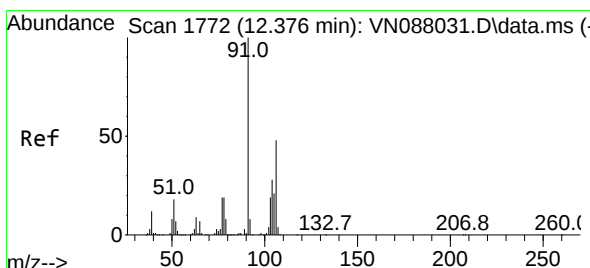
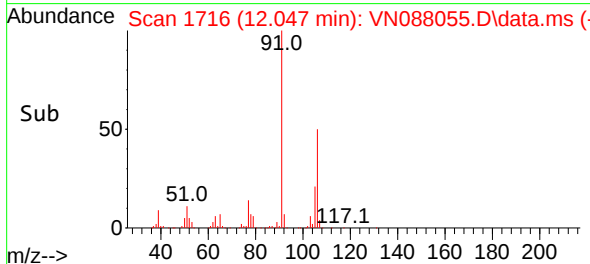
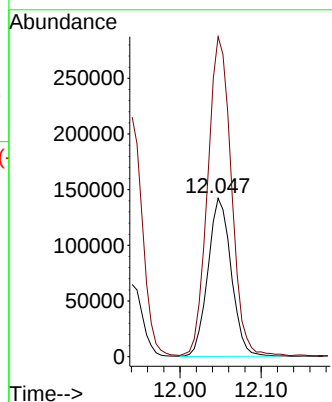
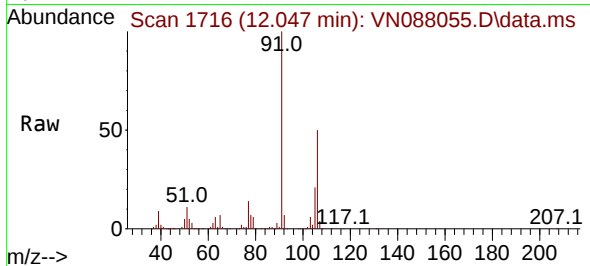
#67
m/p-Xylenes
Concen: 35.077 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 28338
Ion Ratio Lower Upper
106 100
91 206.6 161.4 242.0

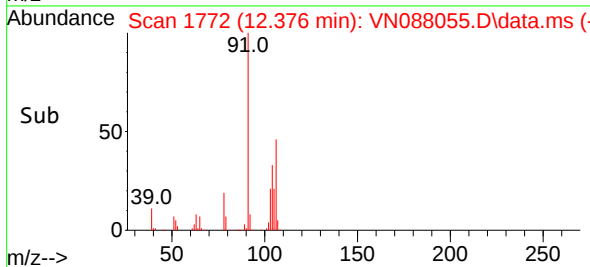
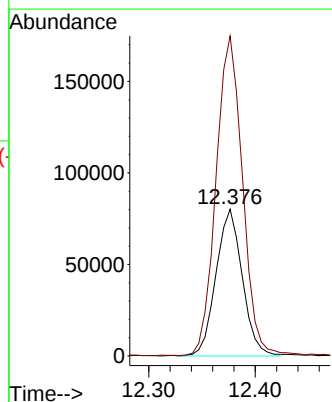
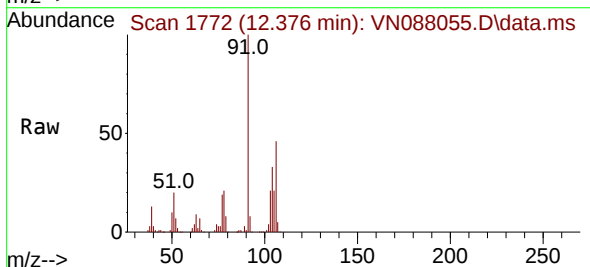
Manual Integrations
APPROVED

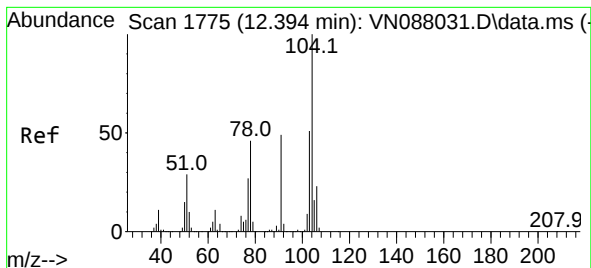
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#68
o-Xylene
Concen: 17.081 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion:106 Resp: 137374
Ion Ratio Lower Upper
106 100
91 219.1 105.2 315.6





#69

Styrene

Concen: 17.352 ug/l

RT: 12.388 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:104 Resp: 23085

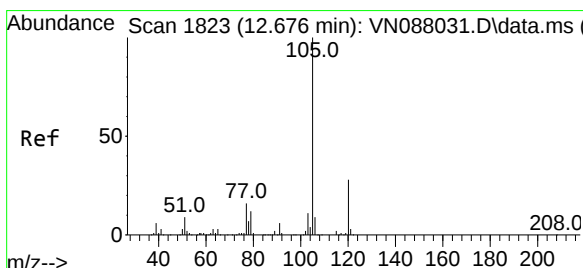
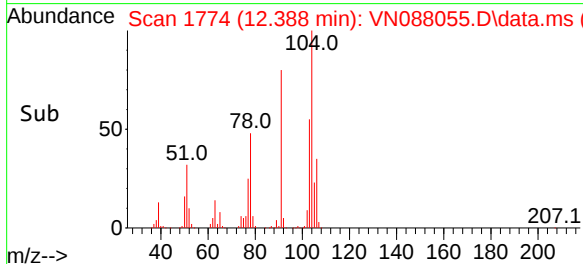
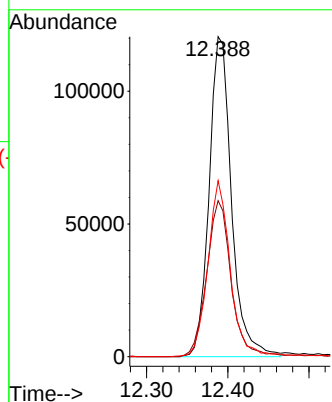
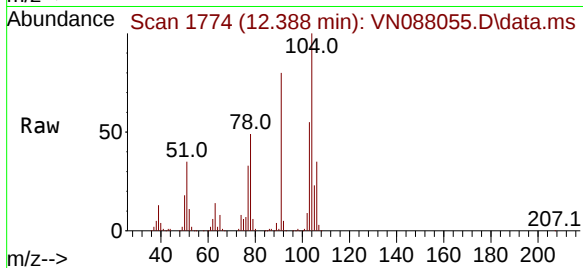
Ion	Ratio	Lower	Upper
104	100		
78	52.6	41.8	62.6
103	55.4	44.9	67.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#70

Isopropylbenzene

Concen: 17.376 ug/l

RT: 12.670 min Scan# 1822

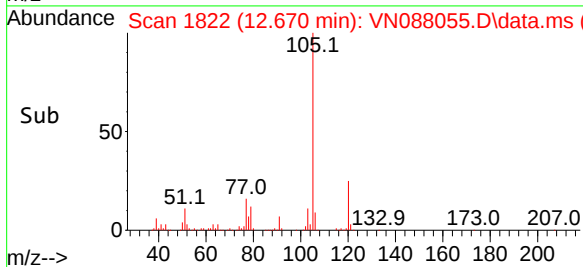
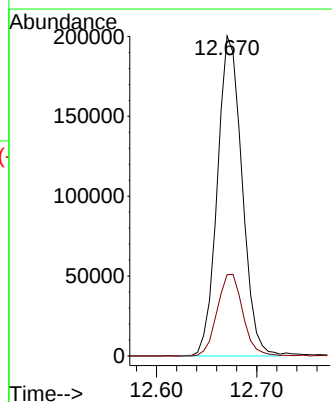
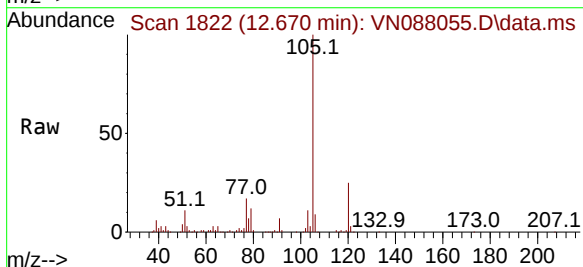
Delta R.T. -0.006 min

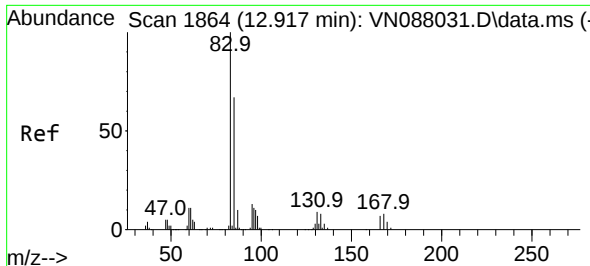
Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Tgt Ion:105 Resp: 342498

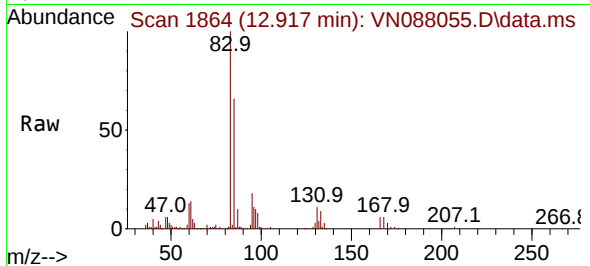
Ion	Ratio	Lower	Upper
105	100		
120	26.5	19.1	35.5





#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.452 ug/l
 RT: 12.917 min Scan# 1864
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

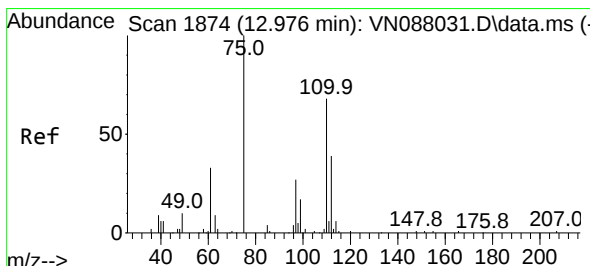
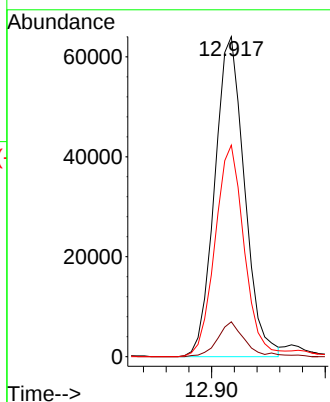
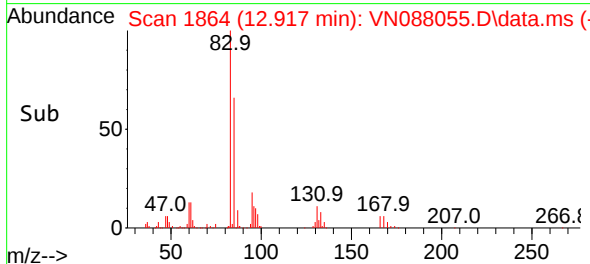
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



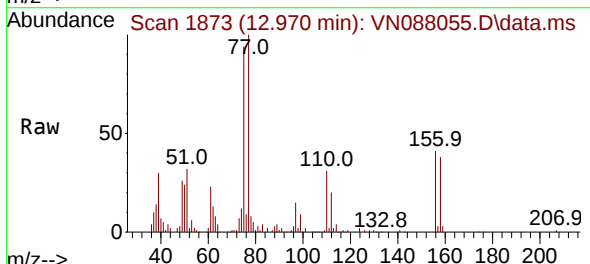
Tgt Ion: 83 Resp: 116620
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.3
 85 64.9 32.4 97.2

Manual Integrations
 APPROVED

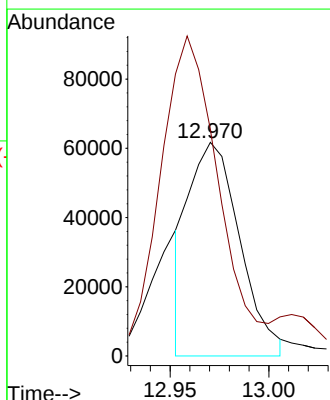
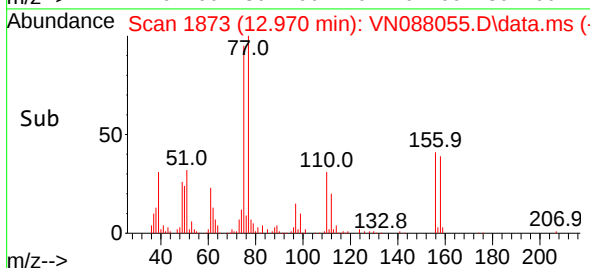
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

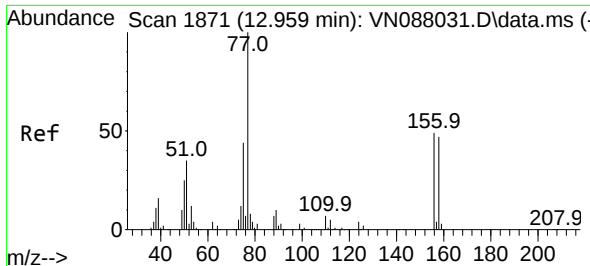


#72
 1,2,3-Trichloropropane
 Concen: 17.917 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.006 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29



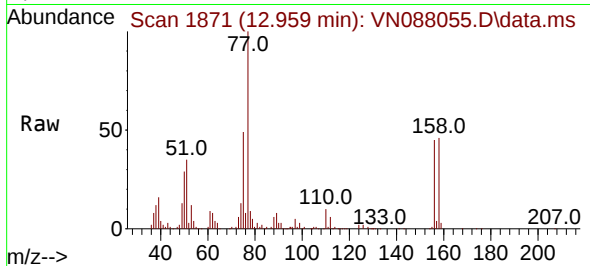
Tgt Ion: 75 Resp: 111200
 Ion Ratio Lower Upper
 75 100
 77 171.4 0.0 364.0





#73
Bromobenzene
Concen: 16.773 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

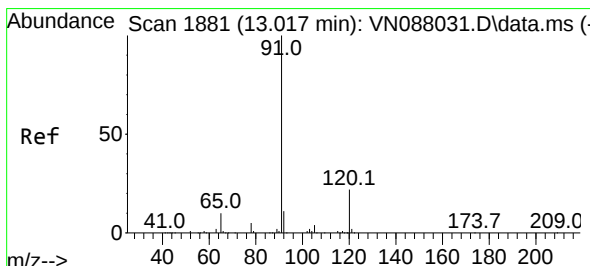
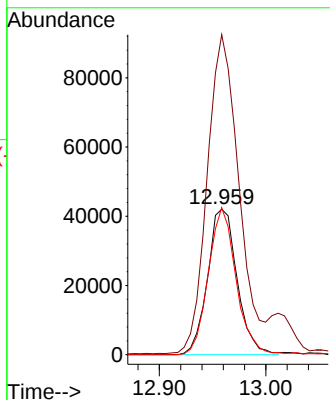
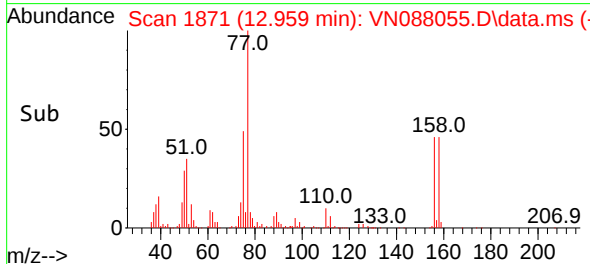
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



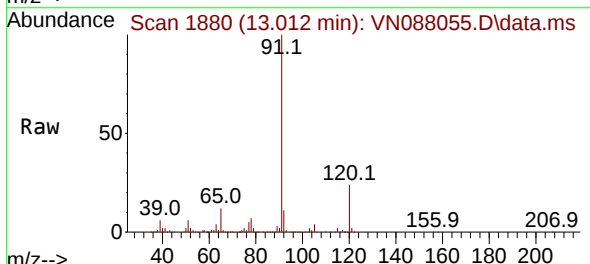
Tgt Ion:156 Resp: 80810
Ion Ratio Lower Upper
156 100
77 235.8 0.0 439.8
158 95.0 0.0 190.0

Manual Integrations
APPROVED

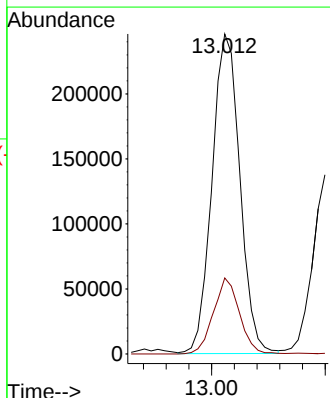
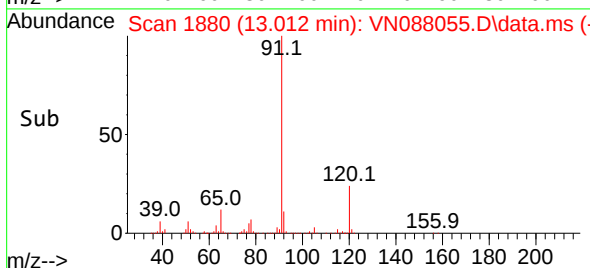
Reviewed By :John Carbone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

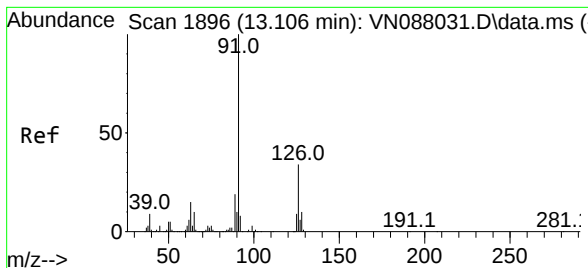


#74
n-propylbenzene
Concen: 17.581 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



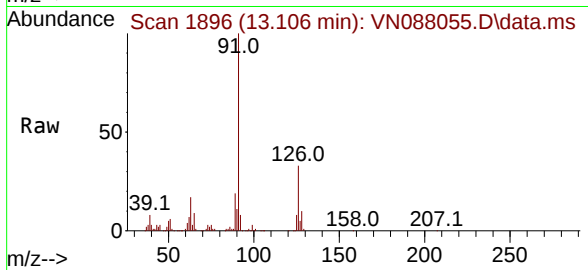
Tgt Ion: 91 Resp: 418345
Ion Ratio Lower Upper
91 100
120 22.3 0.0 46.2





#75
2-Chlorotoluene
Concen: 17.646 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

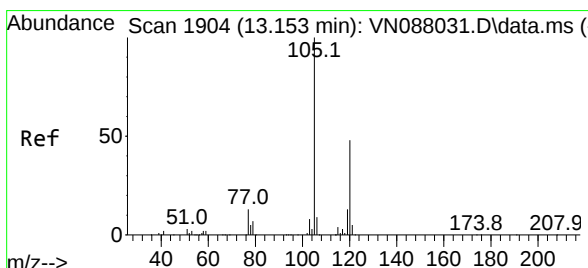
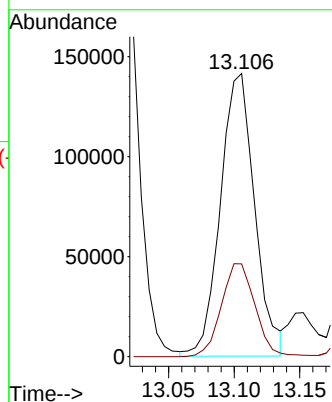
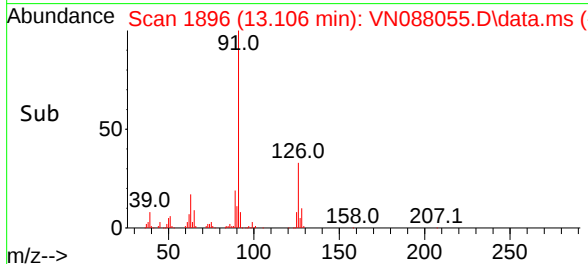
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



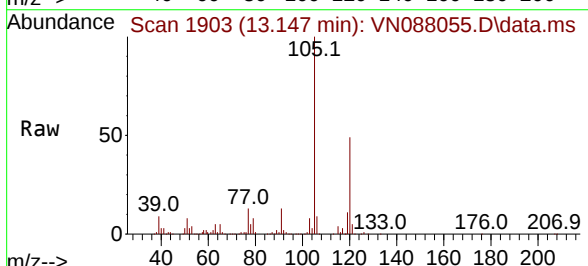
Tgt Ion: 91 Resp: 256739
Ion Ratio Lower Upper
91 100
126 32.5 0.0 66.6

Manual Integrations
APPROVED

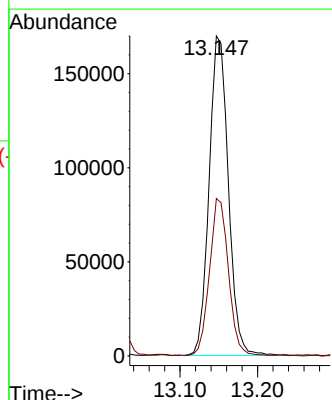
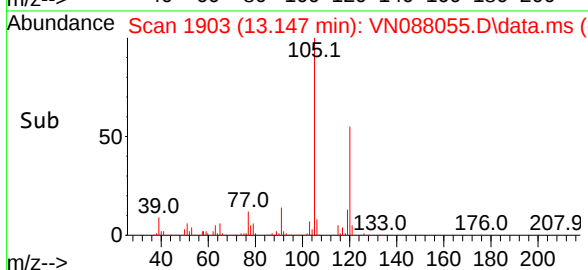
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

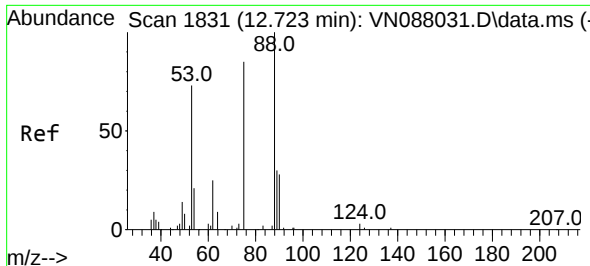


#76
1,3,5-Trimethylbenzene
Concen: 17.481 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



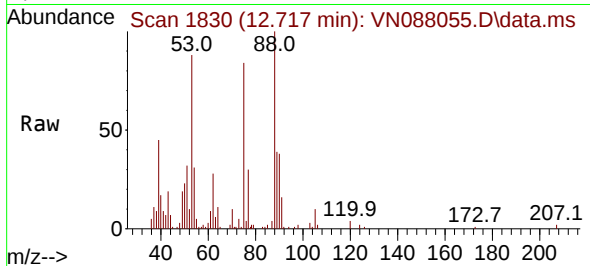
Tgt Ion:105 Resp: 292691
Ion Ratio Lower Upper
105 100
120 48.8 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 15.998 ug/l m
RT: 12.717 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

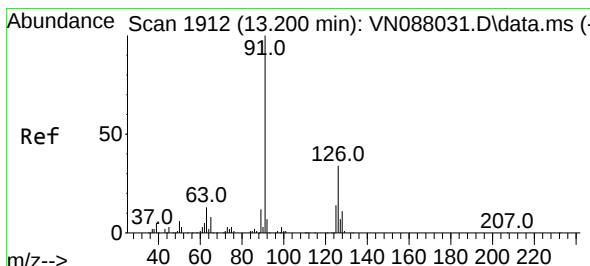
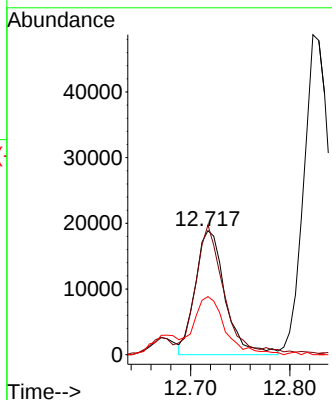
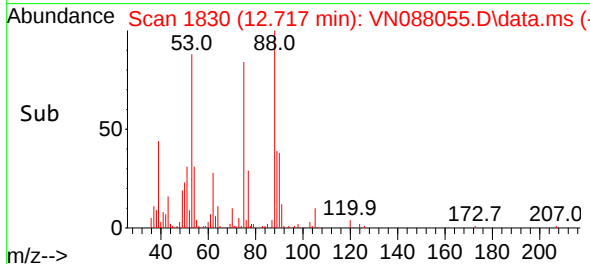
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 39570
Ion Ratio Lower Upper
75 100
53 104.7 41.8 125.3
89 46.8 19.9 59.6

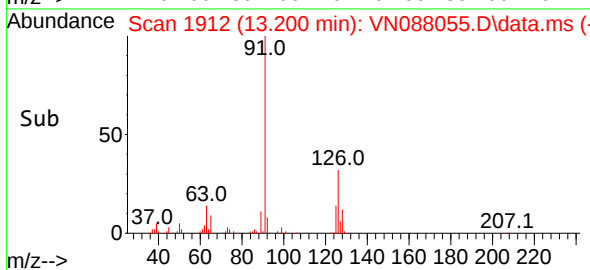
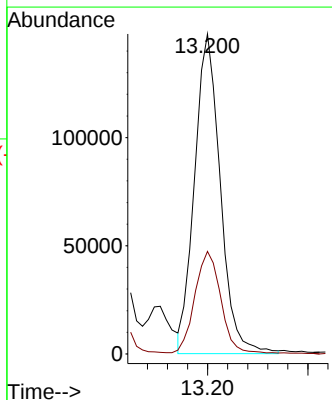
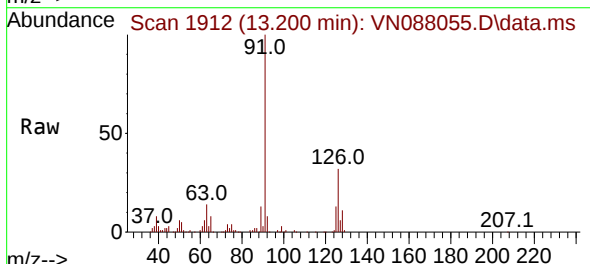
Manual Integrations
APPROVED

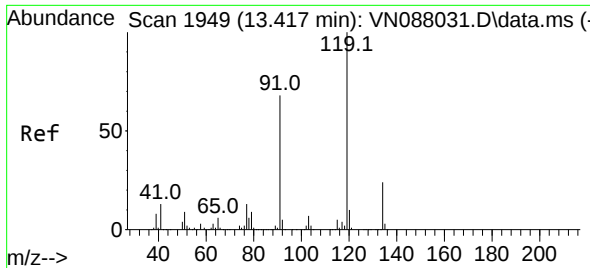
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#78
4-Chlorotoluene
Concen: 17.851 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Tgt Ion: 91 Resp: 263876
Ion Ratio Lower Upper
91 100
126 32.6 0.0 68.8





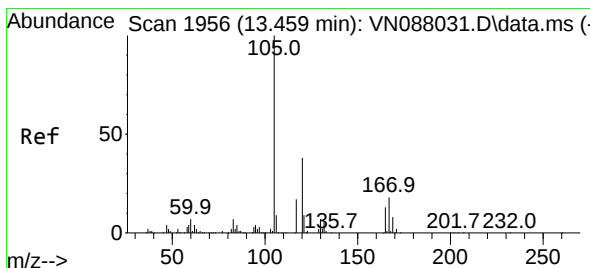
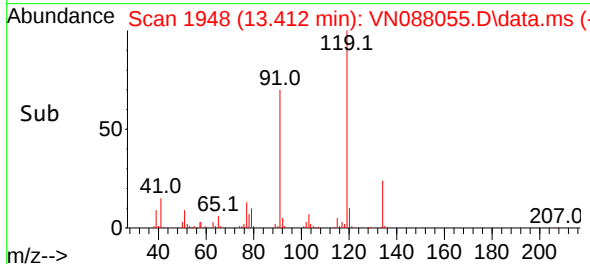
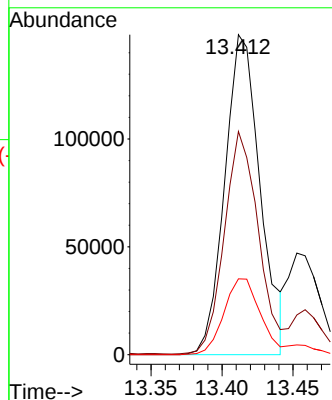
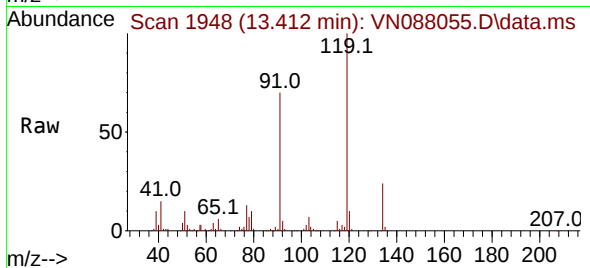
#79
tert-butylbenzene
Concen: 17.735 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 25743
Ion Ratio Lower Upper
119 100
91 66.6 0.0 132.4
134 24.2 0.0 48.6

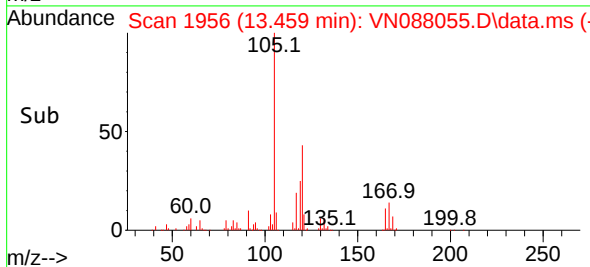
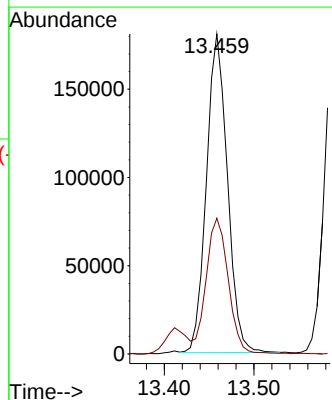
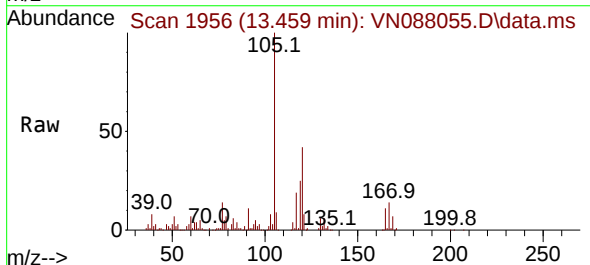
Manual Integrations
APPROVED

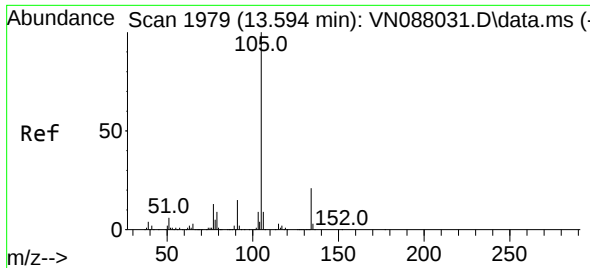
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#80
1,2,4-Trimethylbenzene
Concen: 17.478 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

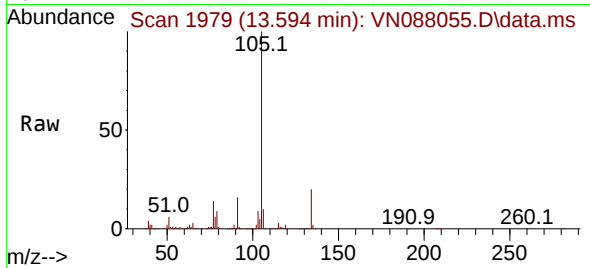
Tgt Ion:105 Resp: 292967
Ion Ratio Lower Upper
105 100
120 44.1 0.0 93.8





#81
 sec-Butylbenzene
 Concen: 17.713 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

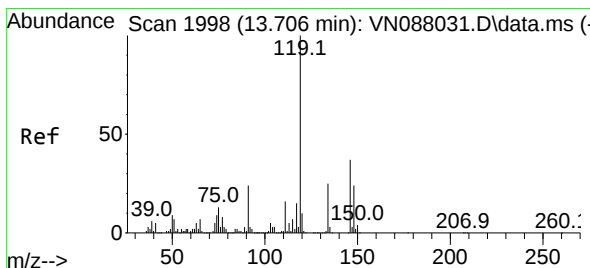
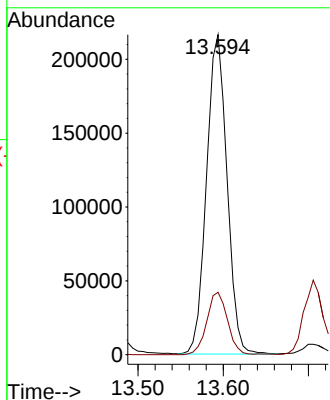
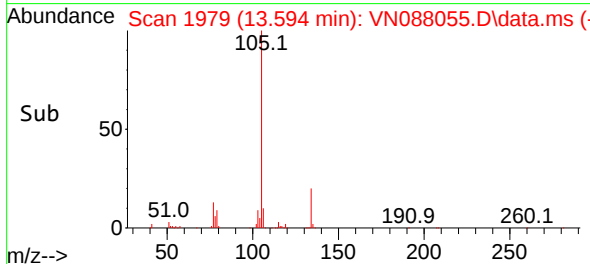
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



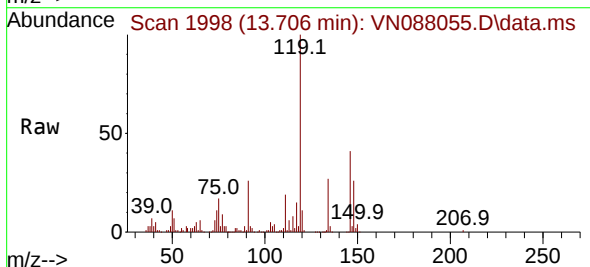
Tgt Ion:105 Resp: 361492
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 41.2

Manual Integrations
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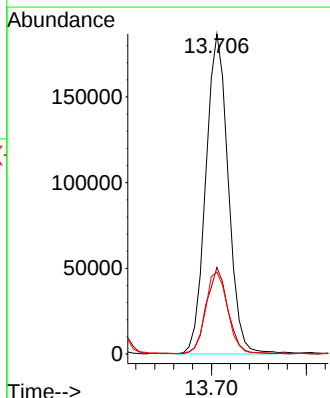
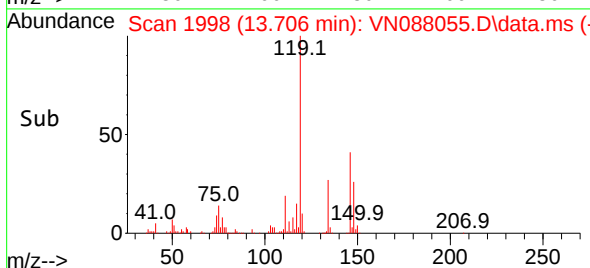
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

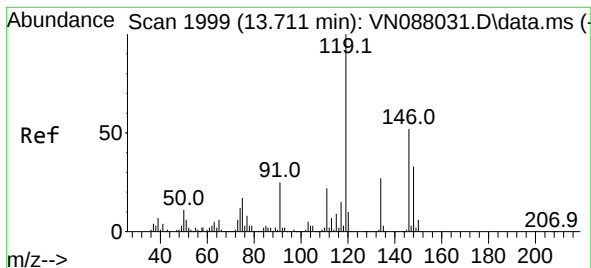


#82
 p-Isopropyltoluene
 Concen: 17.630 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29



Tgt Ion:119 Resp: 307176
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.6
 91 25.4 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 17.105 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

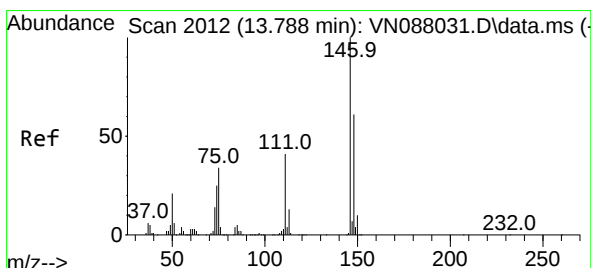
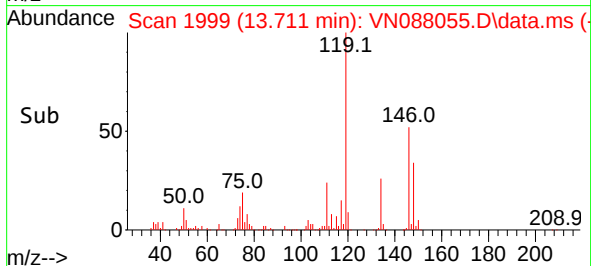
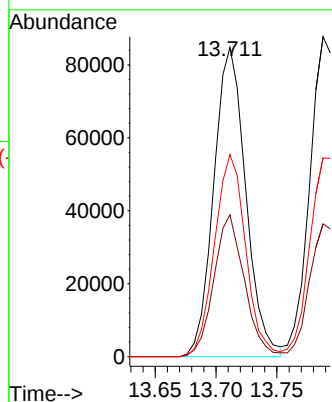
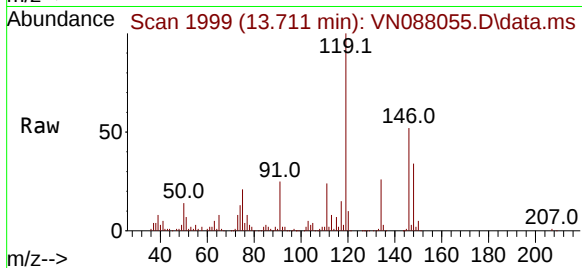
Tgt Ion:	146	Resp:	15505
Ion Ratio	Lower	Upper	
146	100		
111	43.8	21.1	63.1
148	63.6	31.5	94.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#84

1,4-Dichlorobenzene

Concen: 16.843 ug/l

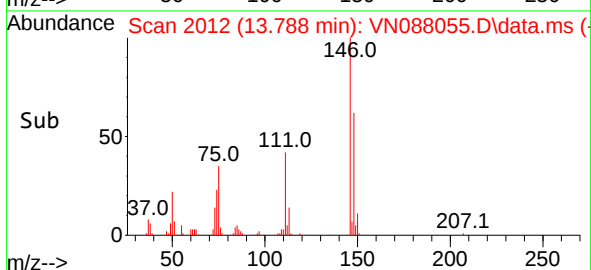
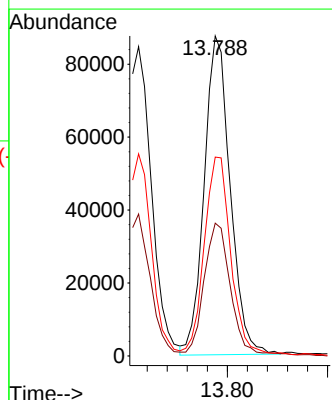
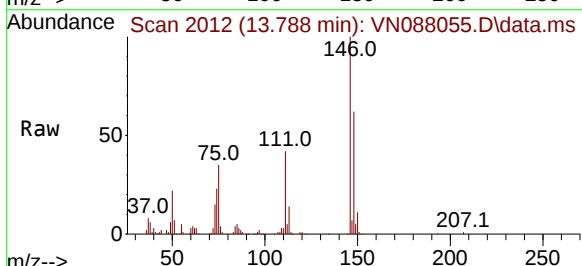
RT: 13.788 min Scan# 1212

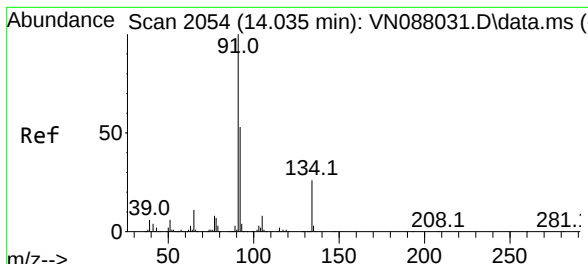
Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Tgt Ion:	146	Resp:	157460
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.5	61.6
148	64.2	31.9	95.9





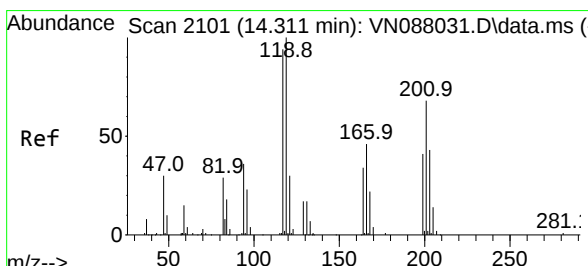
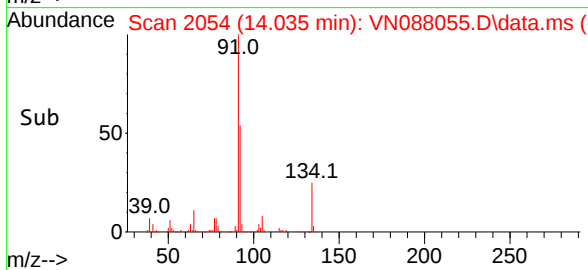
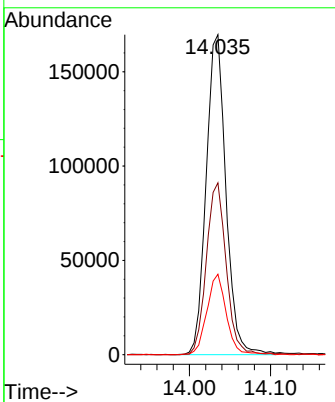
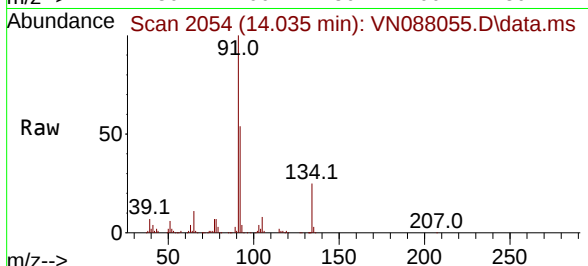
#85
 n-Butylbenzene
 Concen: 17.722 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020

Tgt Ion: 91	Resp: 287279
Ion Ratio	Lower Upper
91	100
92	53.6 0.0 107.6
134	24.6 0.0 52.6

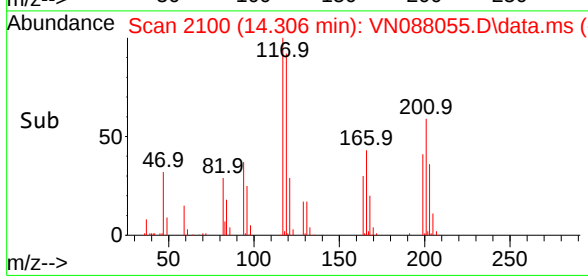
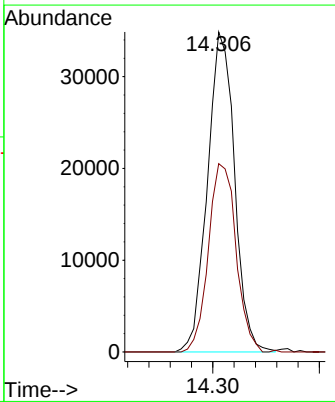
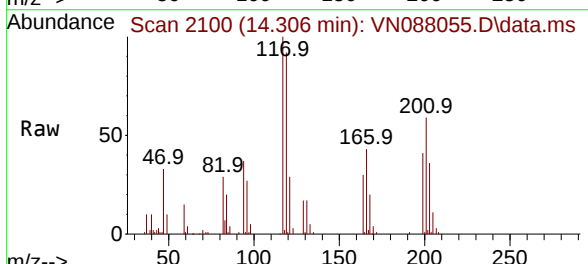
Manual Integrations
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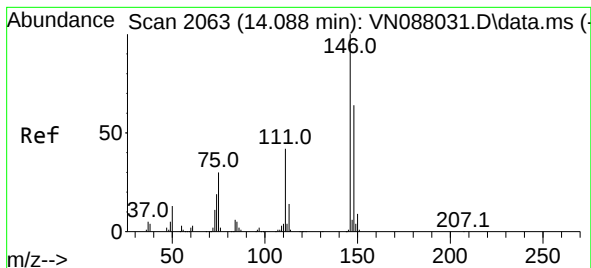
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#86
 Hexachloroethane
 Concen: 17.608 ug/l
 RT: 14.306 min Scan# 2100
 Delta R.T. -0.006 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

Tgt Ion: 117	Resp: 61461
Ion Ratio	Lower Upper
117	100
201	60.1 34.8 104.3





#87

1,2-Dichlorobenzene

Concen: 17.185 ug/l

RT: 14.082 min Scan# 2063

Delta R.T. -0.006 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 153219

Ion Ratio Lower Upper

146 100

111 43.9 22.3 66.8

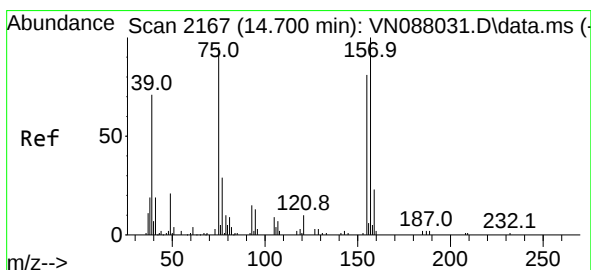
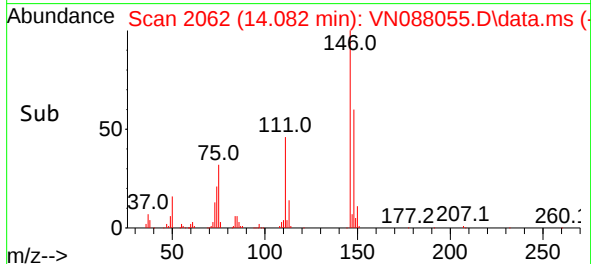
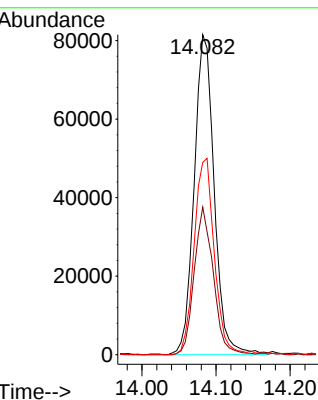
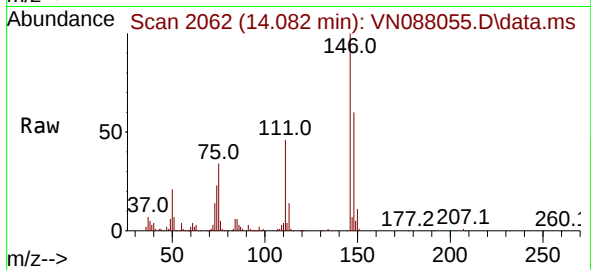
148 61.6 31.4 94.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.276 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VN088055.D

Acq: 17 Oct 2025 09:29

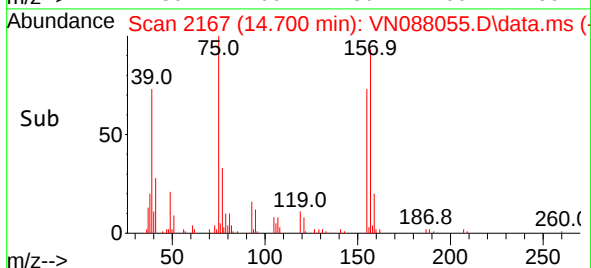
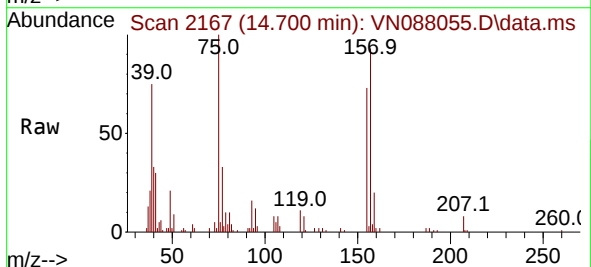
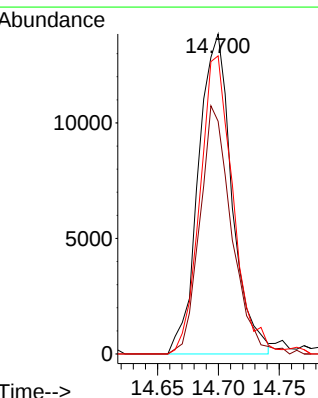
Tgt Ion: 75 Resp: 26516

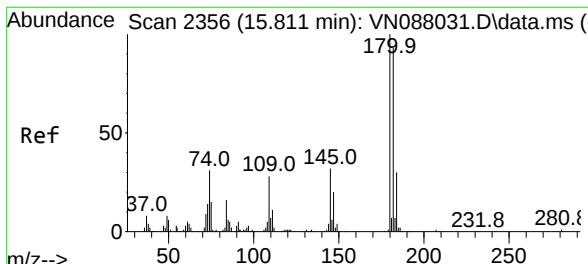
Ion Ratio Lower Upper

75 100

155 73.3 63.5 95.3

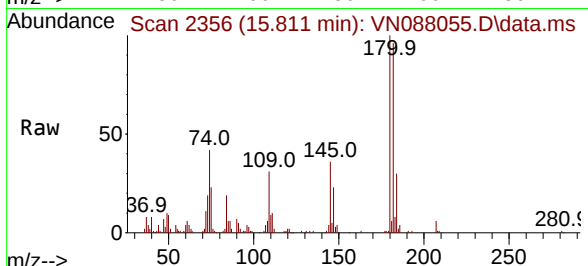
157 91.7 81.7 122.5





#89
 1,2,4-Trichlorobenzene
 Concen: 15.928 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

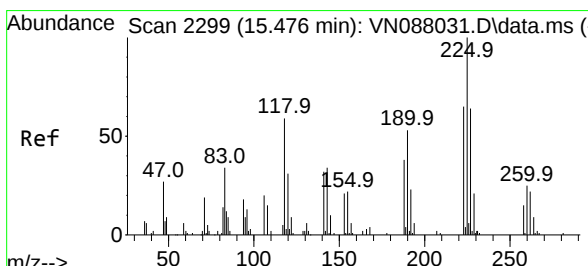
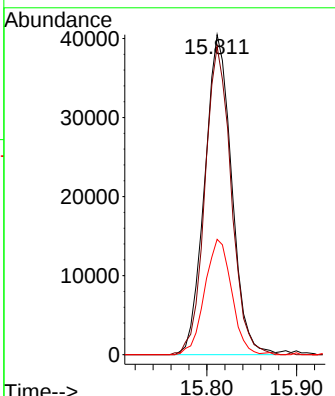
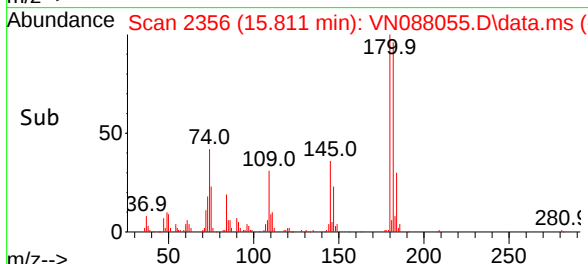
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC020



Tgt Ion:	180	Resp:	84590
Ion Ratio	Lower	Upper	
180	100		
182	93.5	74.6	112.0
145	35.8	27.2	40.8

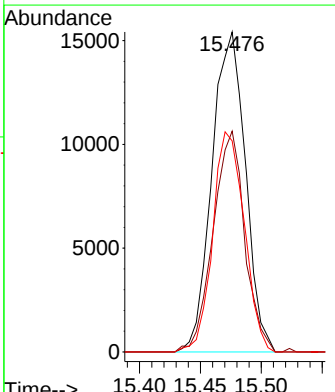
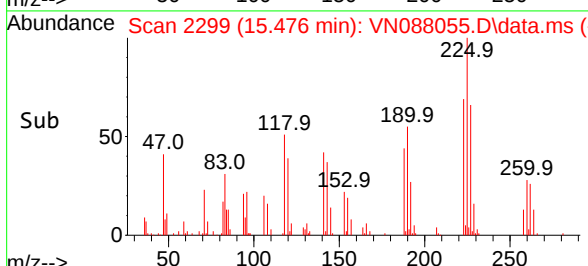
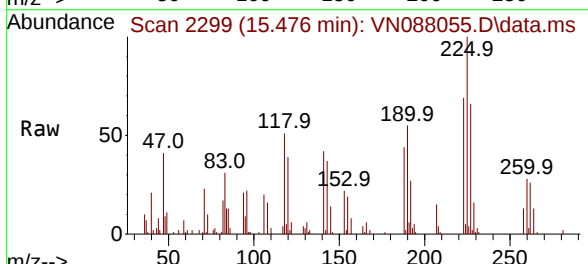
Manual Integrations
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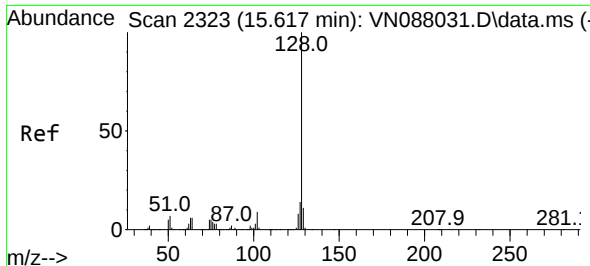
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#90
 Hexachlorobutadiene
 Concen: 15.955 ug/l
 RT: 15.476 min Scan# 2299
 Delta R.T. 0.000 min
 Lab File: VN088055.D
 Acq: 17 Oct 2025 09:29

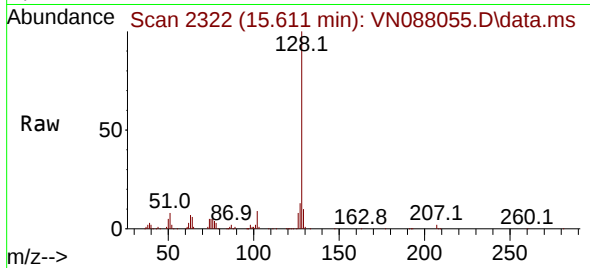
Tgt Ion:	225	Resp:	29490
Ion Ratio	Lower	Upper	
225	100		
223	65.0	0.0	129.6
227	64.9	0.0	132.2





#91
Naphthalene
Concen: 16.169 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29

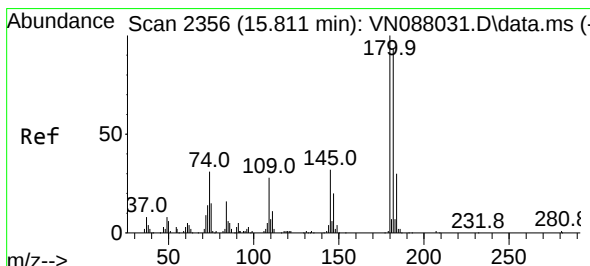
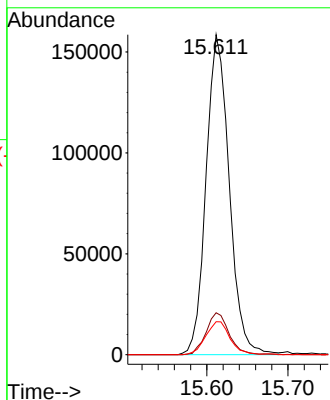
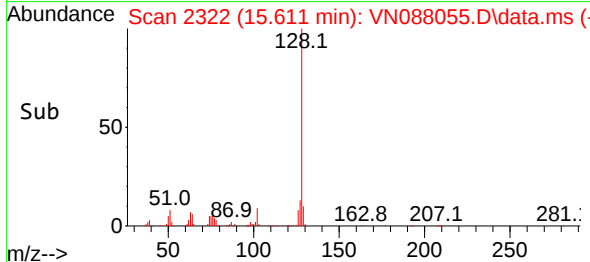
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



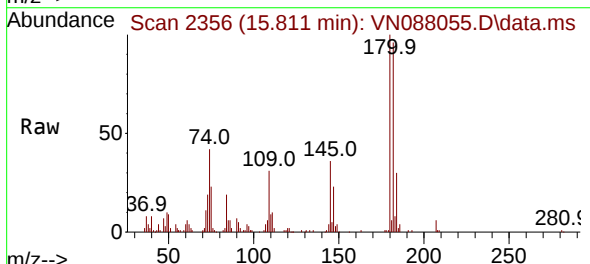
Tgt Ion:128 Resp: 314372
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#92
1,2,3-Trichlorobenzene
Concen: 15.928 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088055.D
Acq: 17 Oct 2025 09:29



Tgt Ion:180 Resp: 84590
Ion Ratio Lower Upper
180 100
182 93.5 0.0 186.6
145 35.8 0.0 68.0

