

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087456.D
 Acq On : 05 Aug 2025 15:01
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 06 01:30:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 01:24:35 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/06/2025
 Supervised By : Mahesh Dadoda 08/06/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	69078	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	387583	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	364557	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	189674	29.770	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.233%		
60) 4-Bromofluorobenzene	12.829	95	185190	29.518	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.400%		
63) Toluene-d8	10.547	98	486934	29.029	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.767%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	723378	160.391	ug/l	98
3) Chloromethane	2.383	50	725628	156.816	ug/l	99
4) Vinyl Chloride	2.542	62	763252	155.517	ug/l	98
5) Bromomethane	2.948	94	445899	167.854	ug/l	88
6) Chloroethane	3.124	64	492727	155.693	ug/l	98
7) Trichlorofluoromethane	3.506	101	1085005	153.614	ug/l	95
8) Diethyl Ether	3.959	74	454480	154.449	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	551904	153.229	ug/l	90
10) 1,1-Dichloroethene	4.330	96	595776	157.473	ug/l	97
11) Methyl Iodide	4.577	142	615618	207.681	ug/l	96
12) Methyl Acetate	5.012	43	1117123	160.008	ug/l	96
13) Acrolein	4.171	56	885350	830.485	ug/l	100
14) Acrylonitrile	5.706	53	2386034	782.650	ug/l	99
15) Acetone	4.424	58	624281	716.676	ug/l	93
16) Carbon Disulfide	4.700	76	1818928	154.990	ug/l	99
17) Allyl chloride	5.006	41	1219550	158.149	ug/l	96
18) Methylene Chloride	5.259	84	741791	152.333	ug/l	96
19) trans-1,2-Dichloroethene	5.771	96	697274	154.982	ug/l	97
20) Diisopropyl ether	6.659	45	2747446	156.466	ug/l	98
21) 1,1-Dichloroethane	6.553	63	1407817	155.035	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	860976	155.531	ug/l	99
23) tert-Butyl Alcohol	5.530	59	986070	761.173	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	2719481	157.748	ug/l	98
25) Chloroform	7.947	83	1478128	155.945	ug/l	97
26) Cyclohexane	8.235	56	1125305	154.779	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	964808	152.623	ug/l	98
30) 2-Butanone	7.471	43	3513639	754.051	ug/l	99
31) 2,2-Dichloropropane	7.471	77	1224801	150.224	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	1249167	154.937	ug/l	96
33) Carbon Tetrachloride	8.347	117	1036608	154.768	ug/l	94
34) Benzene	8.588	78	3070072	153.850	ug/l	98
35) Methacrylonitrile	7.765	41	743083	147.778	ug/l	97
36) 1,2-Dichloroethane	8.653	62	1229451	152.417	ug/l	99
37) Trichloroethene	9.335	130	671378	152.738	ug/l	95
38) Methylcyclohexane	9.582	83	1115098	152.053	ug/l	98
39) 1,2-Dichloropropane	9.600	63	775438	151.562	ug/l	98
40) Dibromomethane	9.688	93	586203	152.708	ug/l	97
41) Bromodichloromethane	9.871	83	1228566	154.020	ug/l	96
42) Vinyl Acetate	6.588	43	11742175	765.203	ug/l	99

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Manual Integrations
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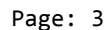
Reviewed By : John Carlone 08/06/2025
 Supervised By : Mahesh Dadoda 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	1387131	156.385	ug/l	98
44) Isopropyl Acetate	8.671	43	2332673	152.869	ug/l	99
45) 1,4-Dioxane	9.682	88	293747	3019.679	ug/l #	93
46) Methyl methacrylate	9.665	41	1134360	157.486	ug/l	96
47) n-amyl Acetate	12.482	43	1594700	207.839	ug/l #	59
48) t-1,3-Dichloropropene	10.818	75	1360863	156.815	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	1364130	156.195	ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	751367	154.919	ug/l	97
51) Ethyl methacrylate	10.853	69	1388488	162.554	ug/l	99
52) 1,3-Dichloropropane	11.141	76	1349103	154.396	ug/l	99
53) Dibromochloromethane	11.341	129	890655	159.011	ug/l	99
54) 1,2-Dibromoethane	11.447	107	801234	155.619	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	3422234	761.062	ug/l	99
56) Bromoform	12.559	173	604236	163.094	ug/l #	99
58) 4-Methyl-2-Pentanone	10.429	43	6842960	729.674	ug/l	98
59) 2-Hexanone	11.176	43	4970555	780.064	ug/l	100
61) Tetrachloroethene	11.082	164	527237	148.447	ug/l	97
62) Toluene	10.612	91	3345117	148.669	ug/l	100
64) Chlorobenzene	11.870	112	2069135	149.658	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	721459	148.418	ug/l	99
66) Ethyl Benzene	11.941	91	3762645	150.033	ug/l	98
67) m/p-Xylenes	12.053	106	2745929	298.294	ug/l	98
68) o-Xylene	12.376	106	1358102	149.962	ug/l	99
69) Styrene	12.388	104	2382097	154.045	ug/l	99
70) Isopropylbenzene	12.676	105	3492470	151.792	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	1145045	145.247	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	1117688m	137.926	ug/l	
73) Bromobenzene	12.959	156	798843	149.771	ug/l	99
74) n-propylbenzene	13.012	91	4261831	148.316	ug/l	100
75) 2-Chlorotoluene	13.106	91	2596357	146.890	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	2914301	147.934	ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	466370	167.752	ug/l	89
78) 4-Chlorotoluene	13.200	91	2683008	149.787	ug/l	99
79) tert-butylbenzene	13.417	119	2427930	146.177	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	2936296	149.164	ug/l	99
81) sec-Butylbenzene	13.594	105	3544404	146.583	ug/l	99
82) p-Isopropyltoluene	13.706	119	2934141	146.146	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	1508514	148.523	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	1521926	147.799	ug/l	100
85) n-Butylbenzene	14.035	91	2920119	148.660	ug/l	99
86) Hexachloroethane	14.311	117	595863	151.982	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	1446749	149.224	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	299287	149.861	ug/l	96
89) 1,2,4-Trichlorobenzene	15.811	180	893366	154.184	ug/l	99
90) Hexachlorobutadiene	15.476	225	317783	141.046	ug/l	96
91) Naphthalene	15.611	128	3431814	155.335	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	893366	154.184	ug/l	99

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

Manual Integrations

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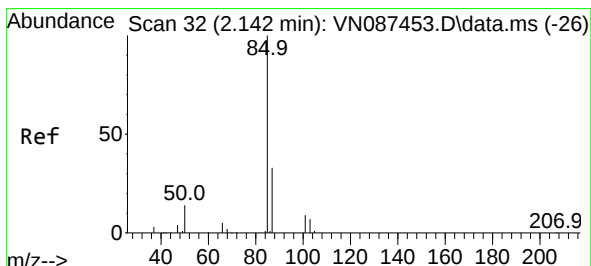
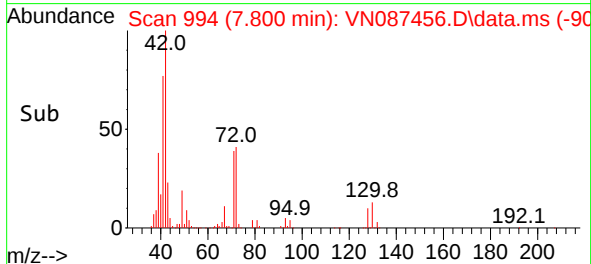
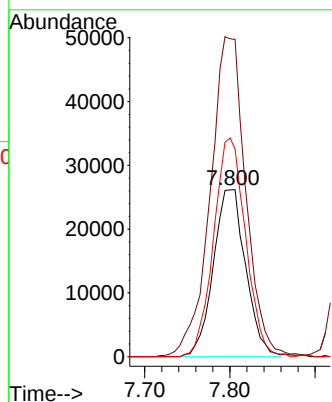
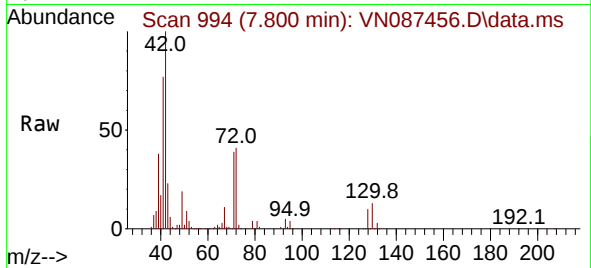
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC150

Tgt Ion:128 Resp: 69078
Ion Ratio Lower Upper
128 100
49 210.7 0.0 494.8
130 129.4 0.0 321.5

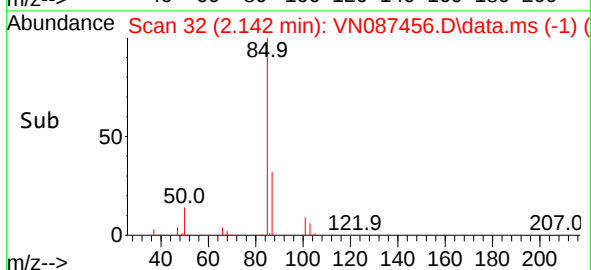
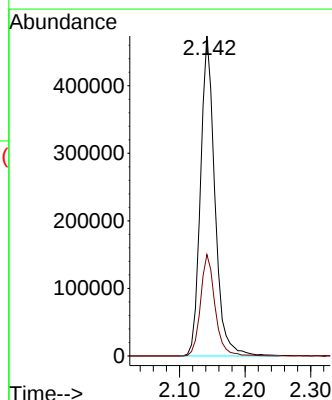
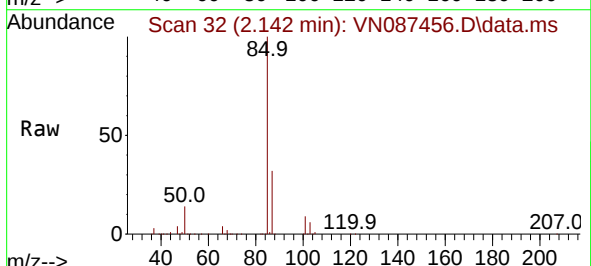
Manual Integrations
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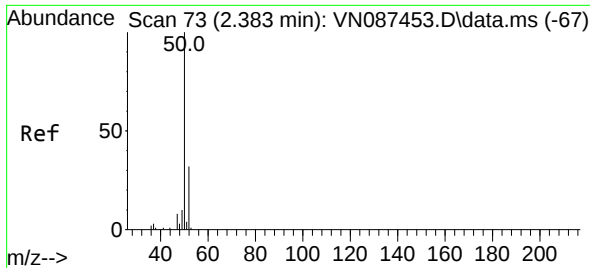
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#2
Dichlorodifluoromethane
Concen: 160.391 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

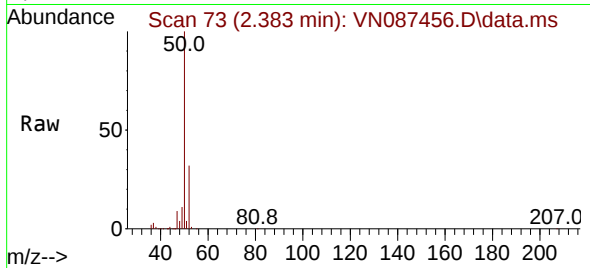
Tgt Ion: 85 Resp: 723378
Ion Ratio Lower Upper
85 100
87 31.7 16.4 49.2





#3
Chloromethane
Concen: 156.816 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

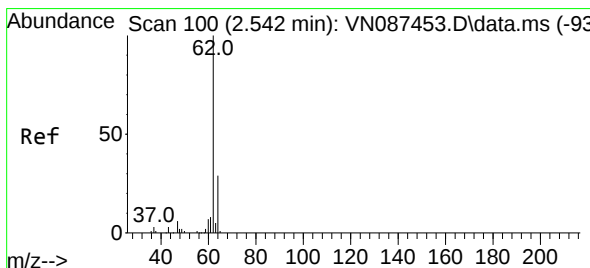
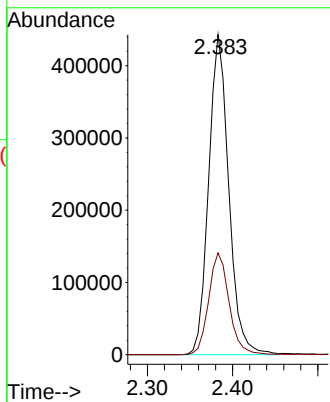
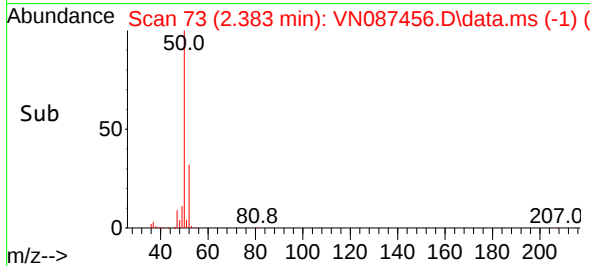
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 50 Resp: 725628
Ion Ratio Lower Upper
50 100
52 31.8 25.8 38.6

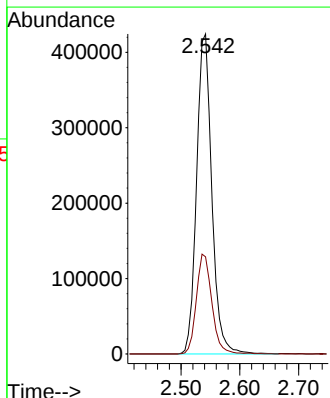
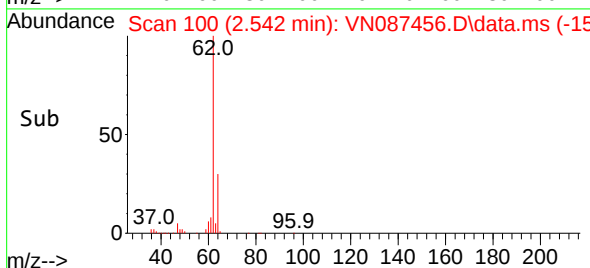
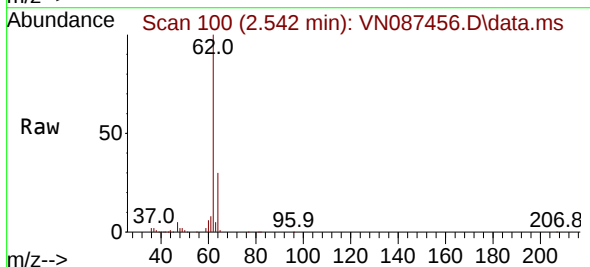
Manual Integrations
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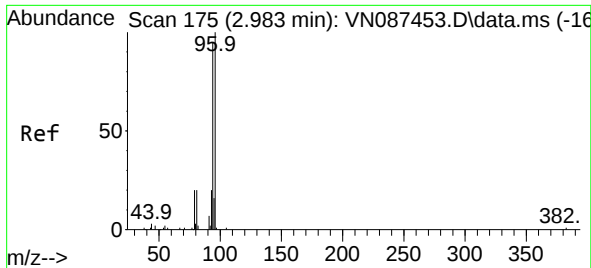
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#4
Vinyl Chloride
Concen: 155.517 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

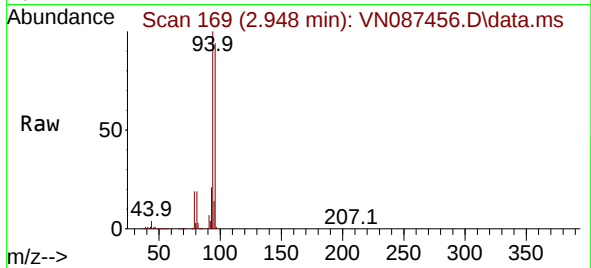
Tgt Ion: 62 Resp: 763252
Ion Ratio Lower Upper
62 100
64 30.3 23.4 35.2





#5
Bromomethane
Concen: 167.854 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

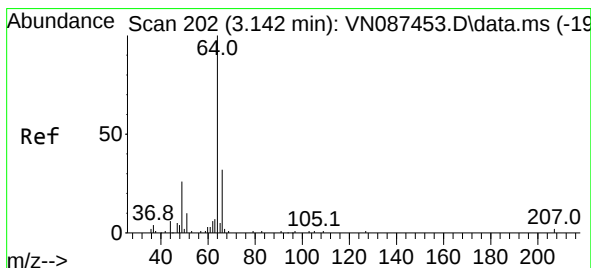
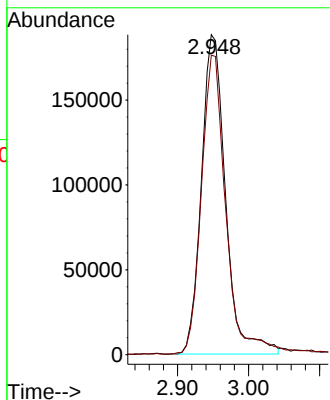
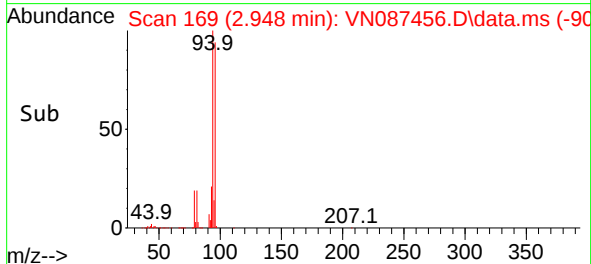
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 44589
Ion Ratio Lower Upper
94 100
96 93.1 84.2 126.4

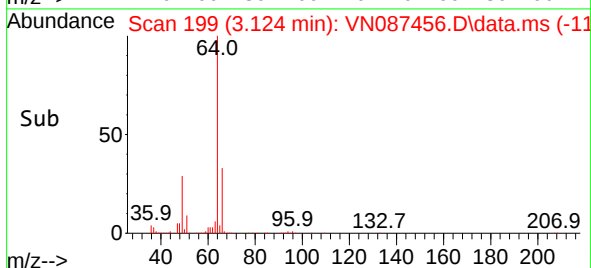
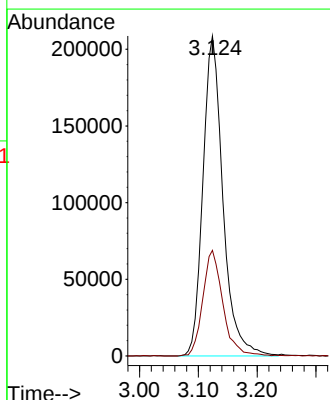
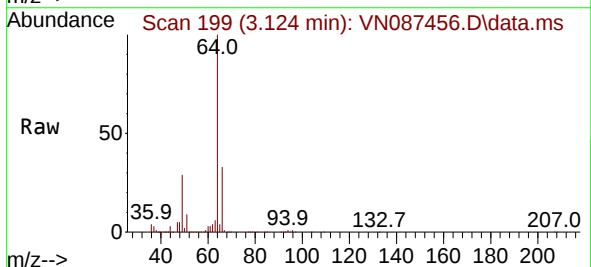
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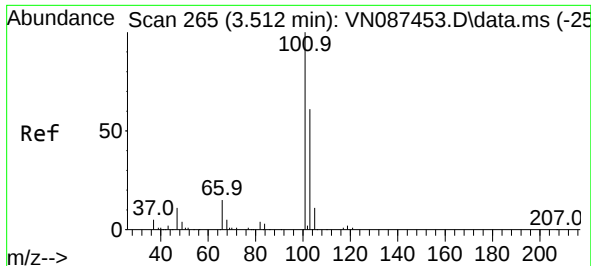
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#6
Chloroethane
Concen: 155.693 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.018 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Tgt Ion: 64 Resp: 492727
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 153.614 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087456.D
 Acq: 05 Aug 2025 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

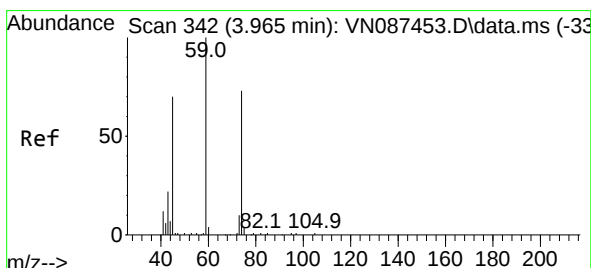
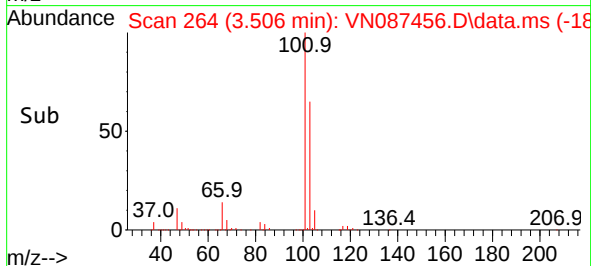
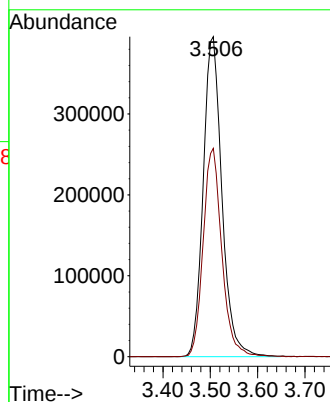
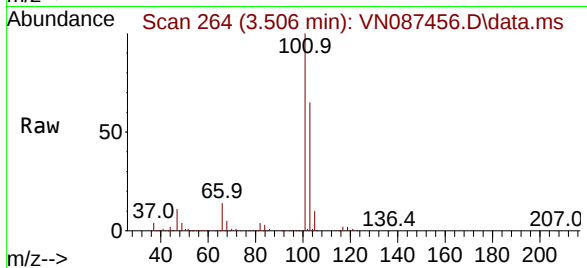
Tgt Ion:101 Resp: 108500
 Ion Ratio Lower Upper
 101 100
 103 65.1 49.2 73.8

Manual Integrations

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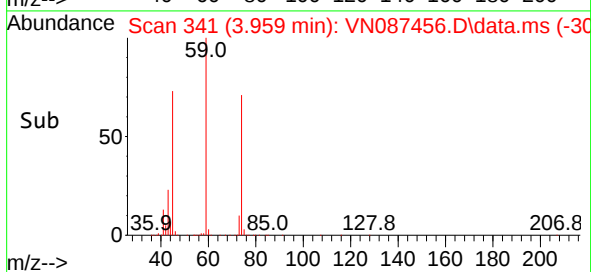
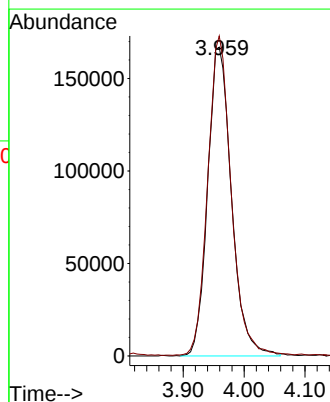
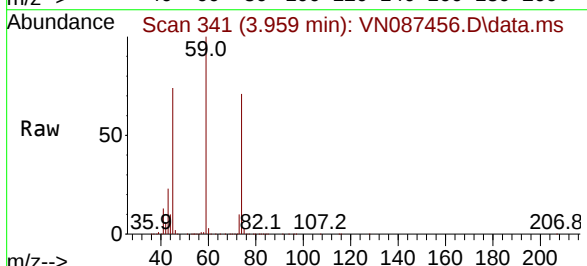
Reviewed By :John Carlone 08/06/2025

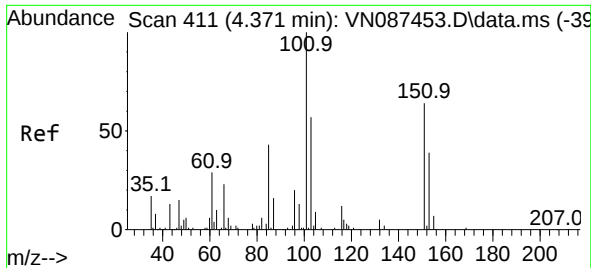
Supervised By :Mahesh Dadoda 08/06/2025



#8
 Diethyl Ether
 Concen: 154.449 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087456.D
 Acq: 05 Aug 2025 15:01

Tgt Ion: 74 Resp: 454480
 Ion Ratio Lower Upper
 74 100
 45 101.8 20.1 180.9





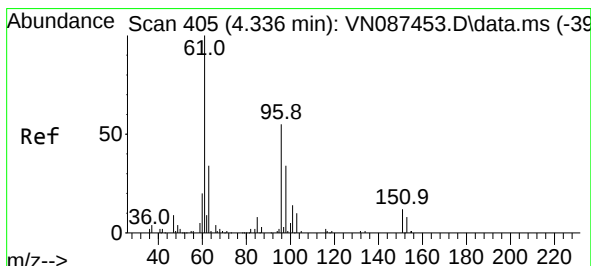
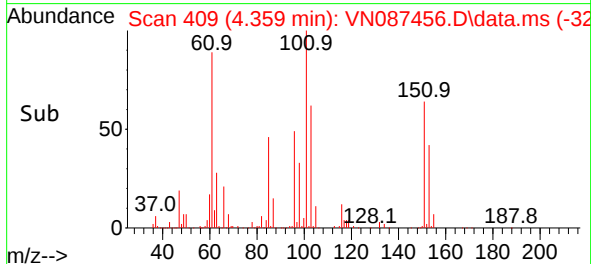
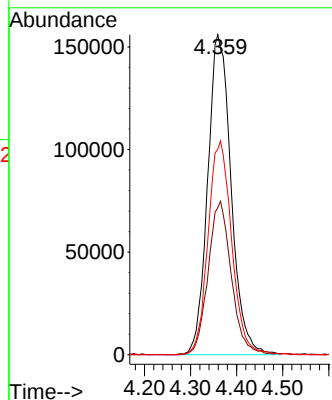
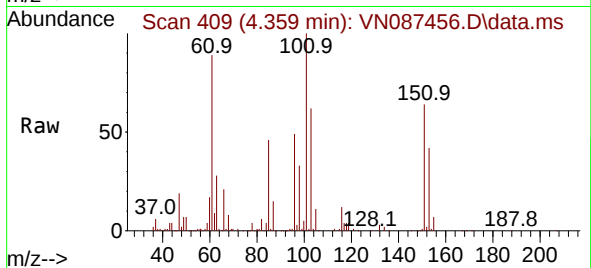
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1,1,2-Trichlorotrifluoroethane
Concen: 153.229 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

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MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 551904
Ion Ratio Lower Upper
101 100
85 46.6 0.0 57.0
151 67.1 0.0 134.2

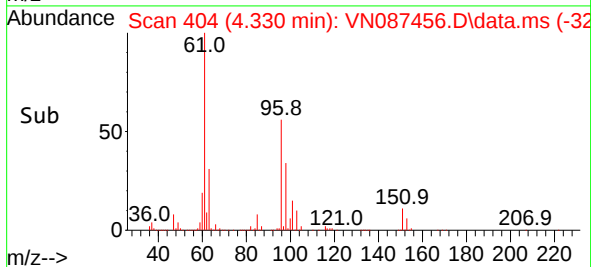
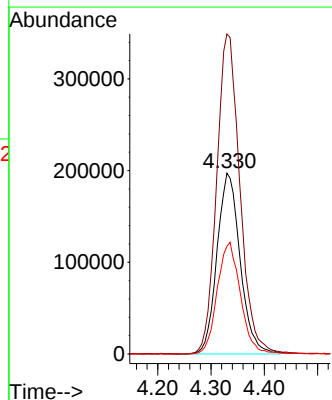
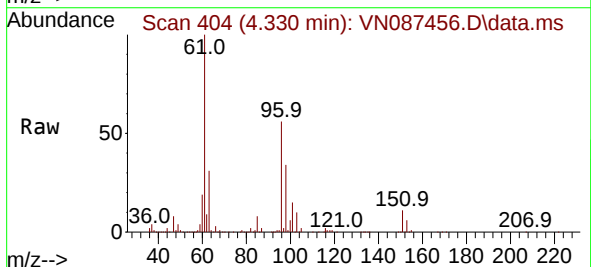
Manual Integrations
APPROVED

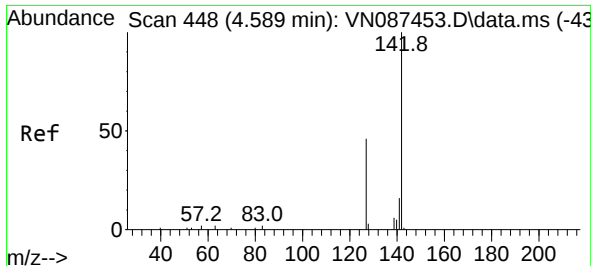
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#10
1,1-Dichloroethene
Concen: 157.473 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Tgt Ion: 96 Resp: 595776
Ion Ratio Lower Upper
96 100
61 177.0 144.2 216.4
98 59.5 49.7 74.5





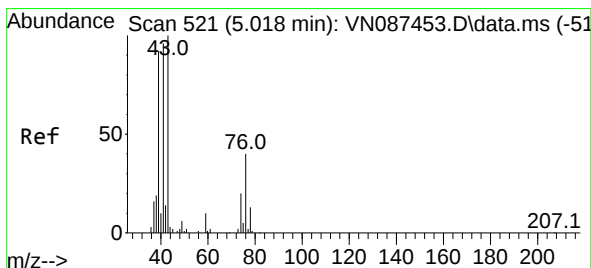
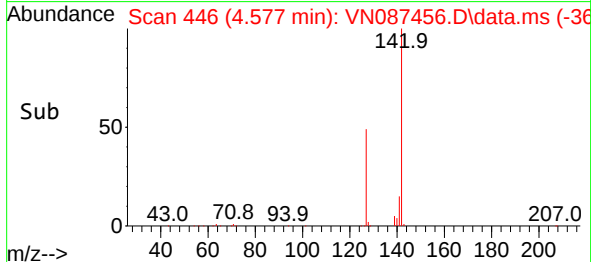
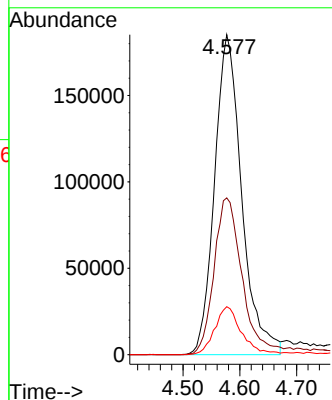
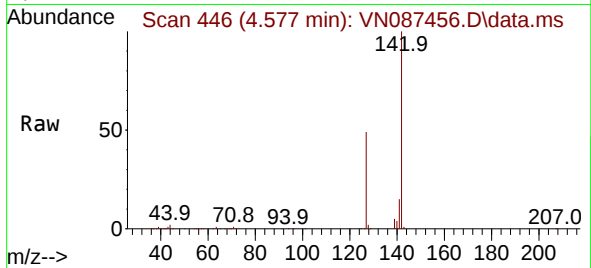
#11
Methyl Iodide
Concen: 207.681 ug/l
RT: 4.577 min Scan# 448
Delta R.T. -0.012 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:142 Resp: 615618
Ion Ratio Lower Upper
142 100
127 48.8 22.9 68.7
141 15.0 7.7 23.1

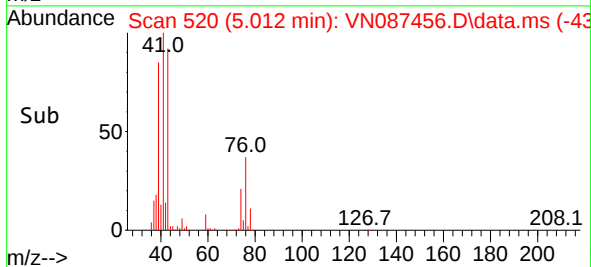
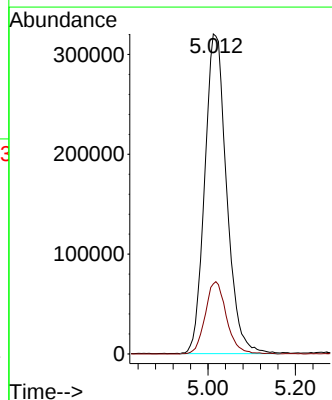
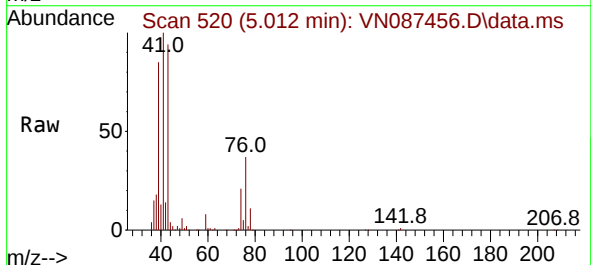
Manual Integrations
APPROVED

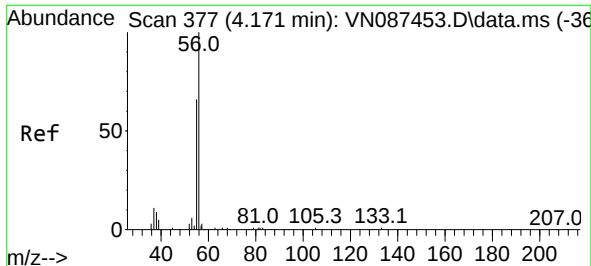
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#12
Methyl Acetate
Concen: 160.008 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

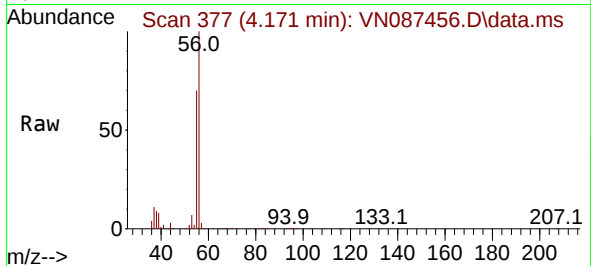
Tgt Ion: 43 Resp: 1117123
Ion Ratio Lower Upper
43 100
74 21.9 16.0 24.0





#13
Acrolein
Concen: 830.485 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

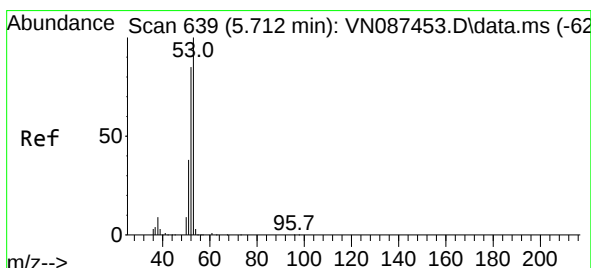
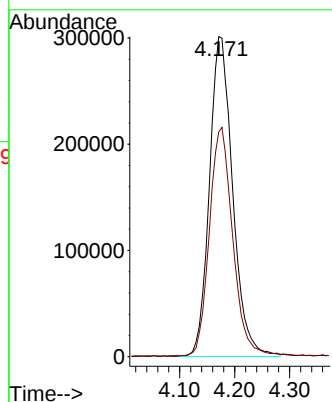
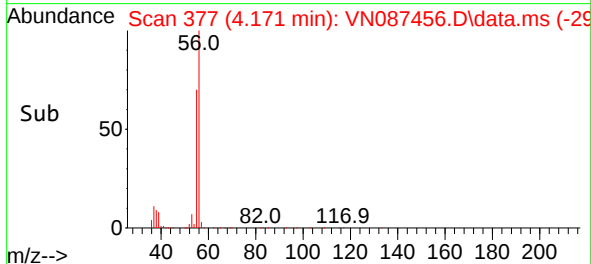
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



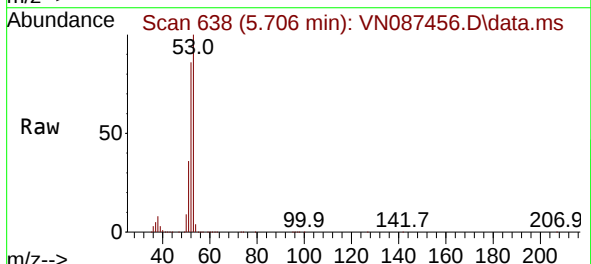
Tgt Ion: 56 Resp: 885350
Ion Ratio Lower Upper
56 100
55 71.5 57.4 86.0

Manual Integrations
APPROVED

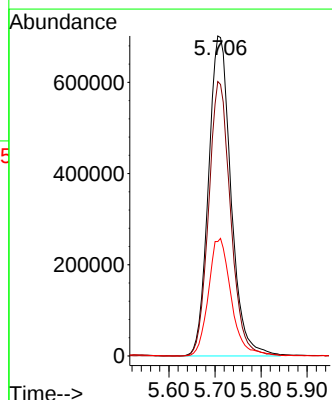
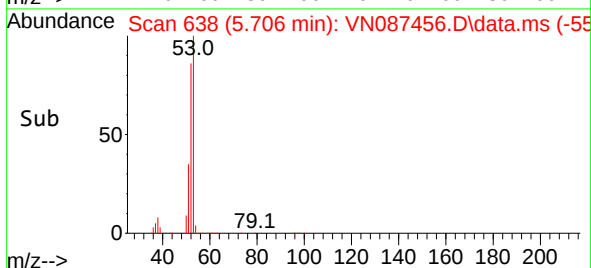
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

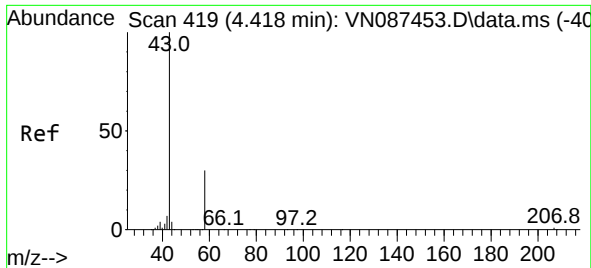


#14
Acrylonitrile
Concen: 782.650 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01



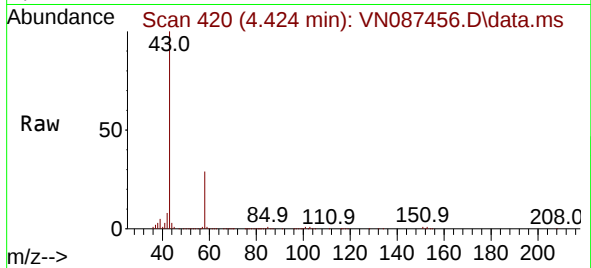
Tgt Ion: 53 Resp: 2386034
Ion Ratio Lower Upper
53 100
52 83.1 42.4 127.2
51 37.2 18.5 55.5





#15
Acetone
Concen: 716.676 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

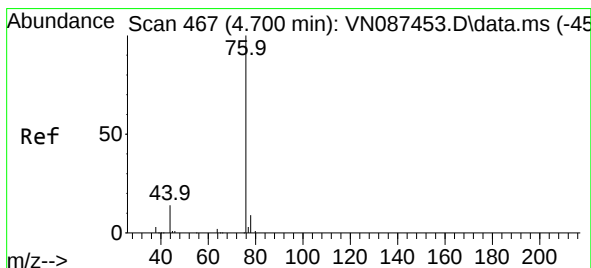
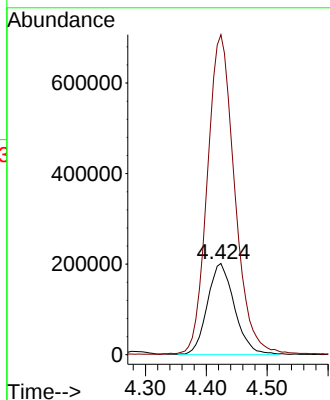
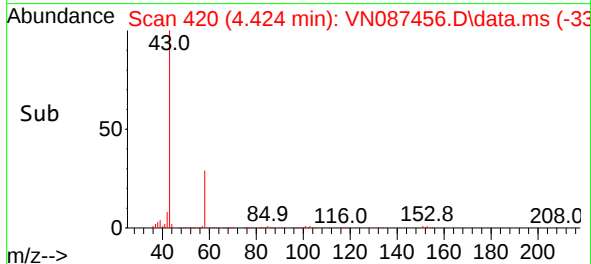
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 58 Resp: 62428
Ion Ratio Lower Upper
58 100
43 350.8 268.9 403.3

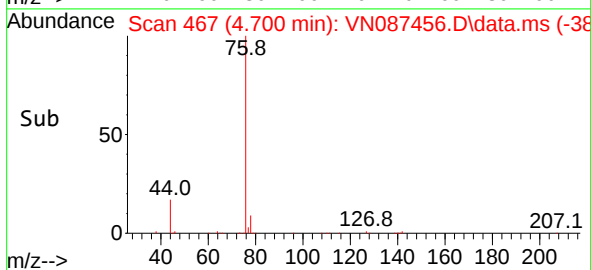
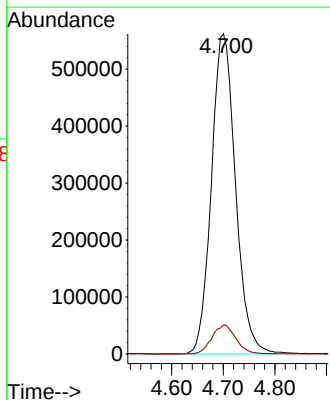
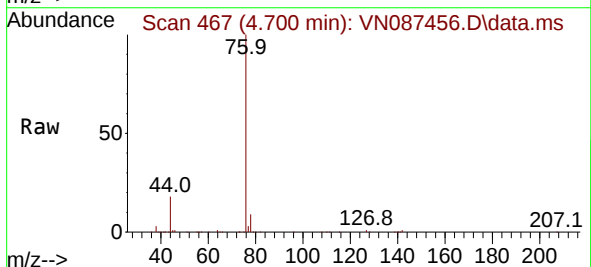
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#16
Carbon Disulfide
Concen: 154.990 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Tgt Ion: 76 Resp: 1818928
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





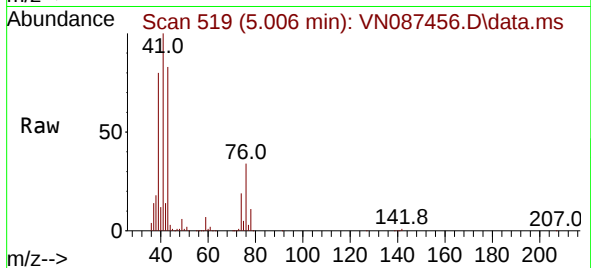
#17
Allyl chloride
Concen: 158.149 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Instrument :

MSVOA_N

ClientSampleId :

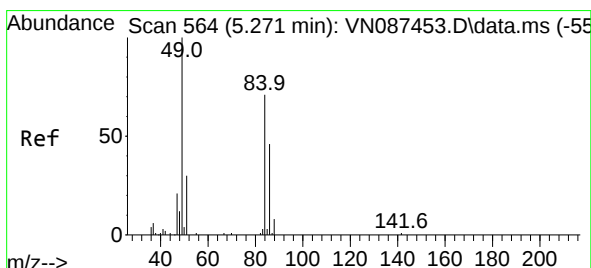
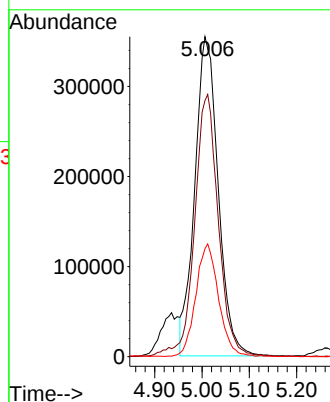
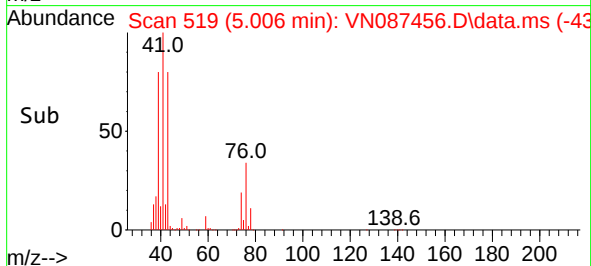
VSTDICC150



Tgt Ion: 41 Resp: 1219550
Ion Ratio Lower Upper
41 100
39 80.0 42.4 127.2
76 33.8 16.9 50.6

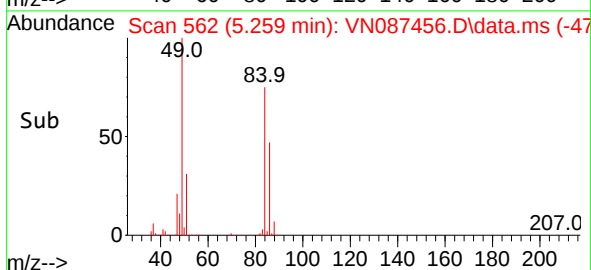
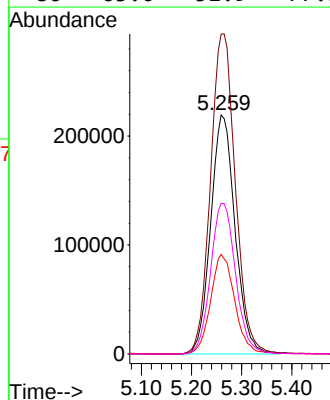
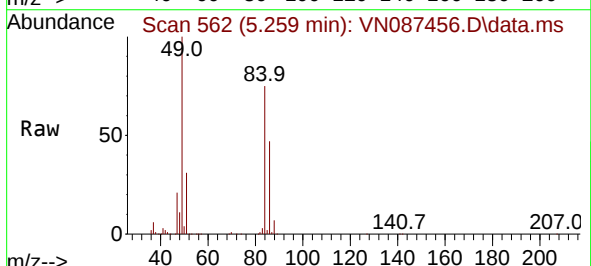
Manual Integrations
APPROVED

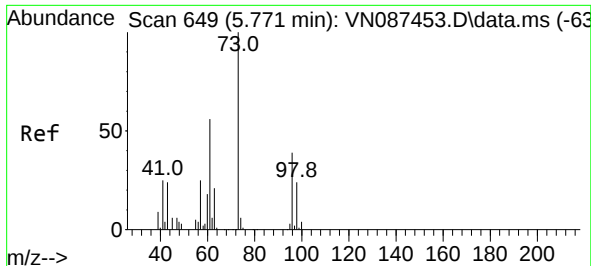
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#18
Methylene Chloride
Concen: 152.333 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.012 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

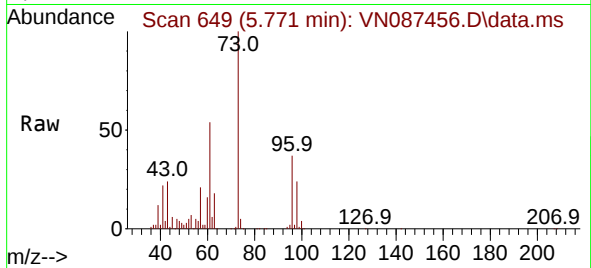
Tgt Ion: 84 Resp: 741791
Ion Ratio Lower Upper
84 100
49 133.8 112.9 169.3
51 41.6 33.8 50.8
86 63.0 51.9 77.9





#19
trans-1,2-Dichloroethene
Concen: 154.982 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

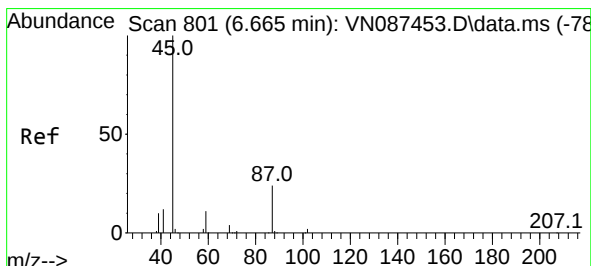
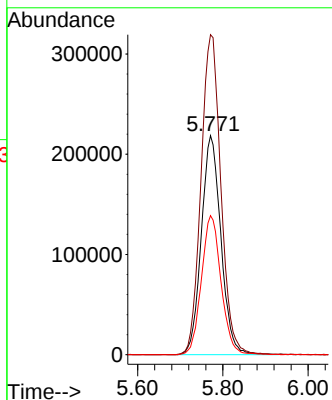
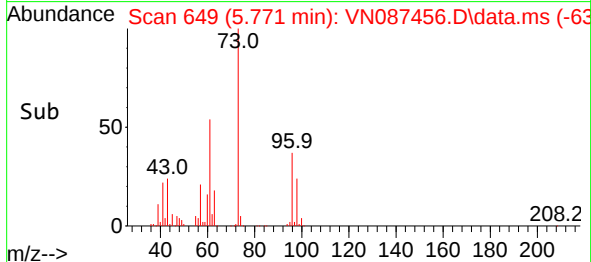
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 697274
Ion Ratio Lower Upper
96 100
61 145.9 114.2 171.4
98 63.5 48.7 73.1

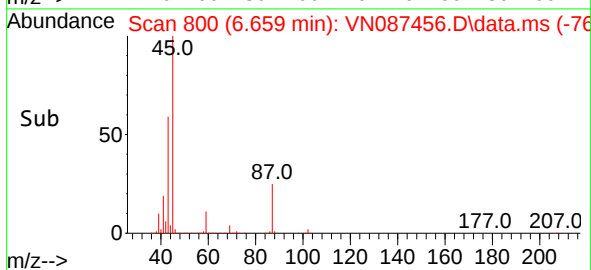
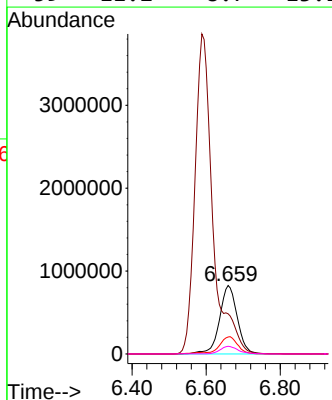
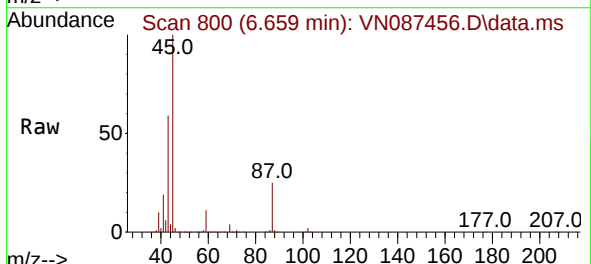
Manual Integrations
APPROVED

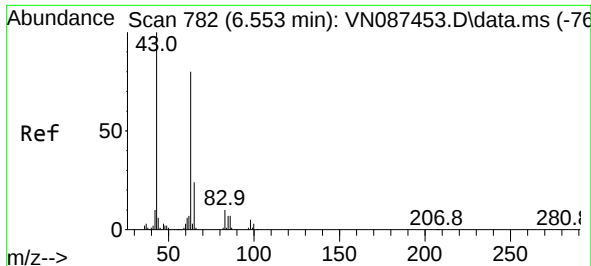
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#20
Diisopropyl ether
Concen: 156.466 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Tgt Ion: 45 Resp: 2747446
Ion Ratio Lower Upper
45 100
43 58.3 44.7 67.1
87 24.8 20.2 30.2
59 11.2 8.7 13.1





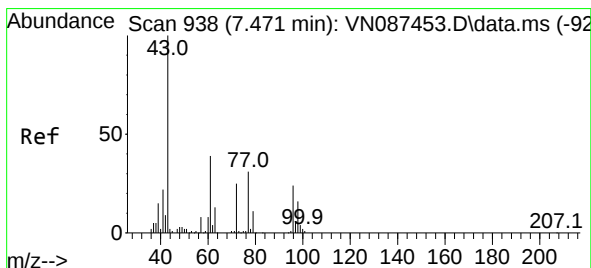
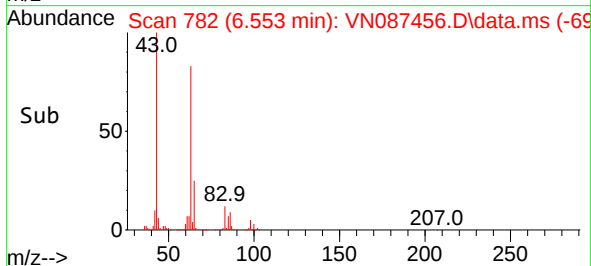
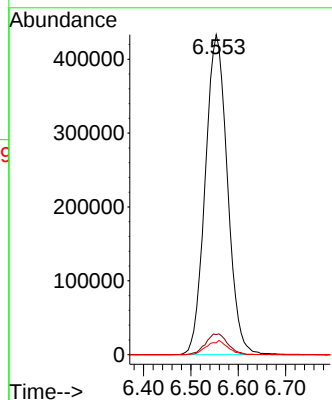
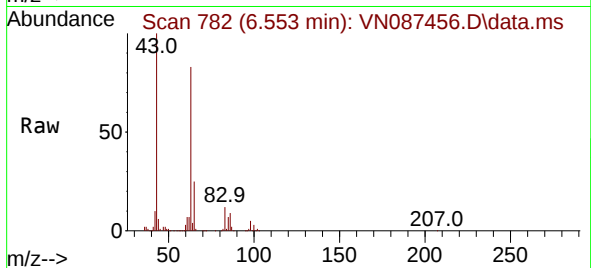
#21
1,1-Dichloroethane
Concen: 155.035 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 140781
Ion Ratio Lower Upper
63 100
98 6.3 3.0 9.0
100 3.7 1.9 5.7

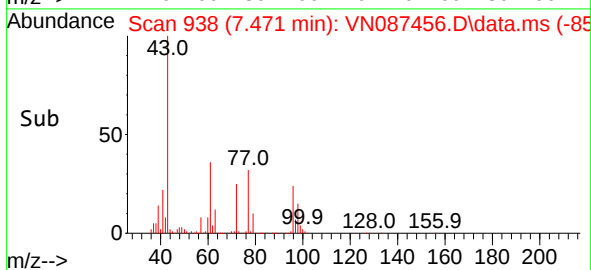
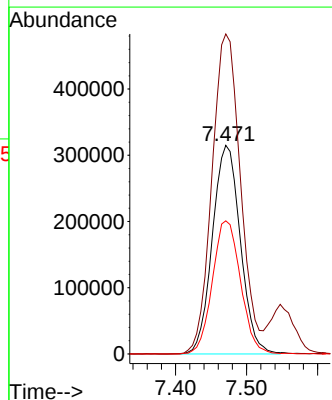
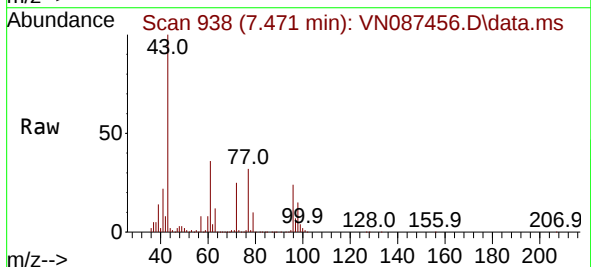
Manual Integrations
APPROVED

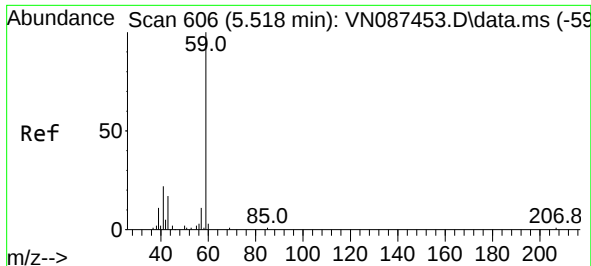
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#22
cis-1,2-Dichloroethene
Concen: 155.531 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

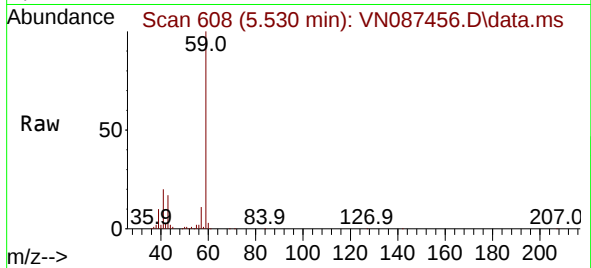
Tgt Ion: 96 Resp: 860976
Ion Ratio Lower Upper
96 100
61 157.1 126.6 190.0
98 64.2 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 761.173 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

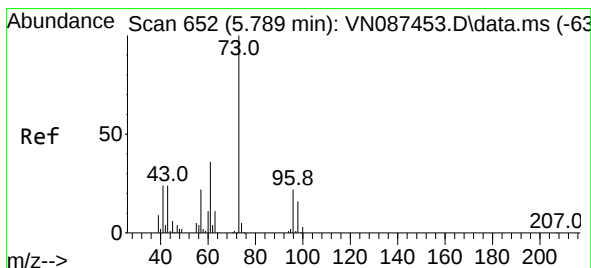
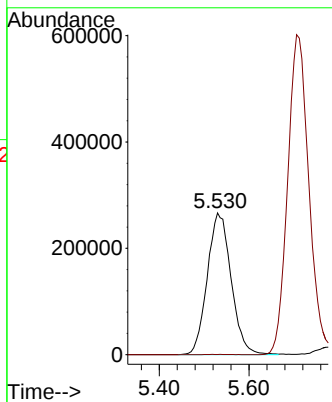
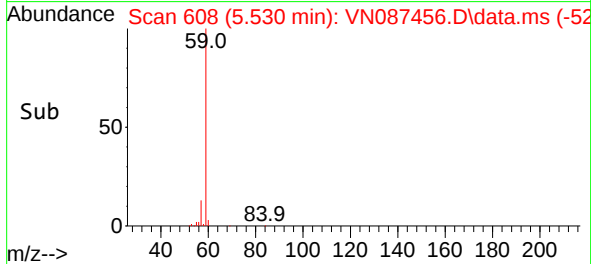
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 986070
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

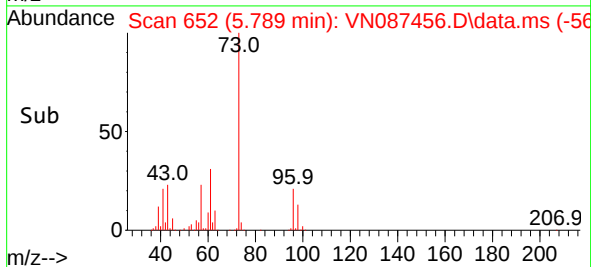
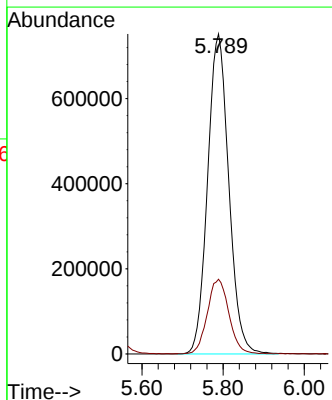
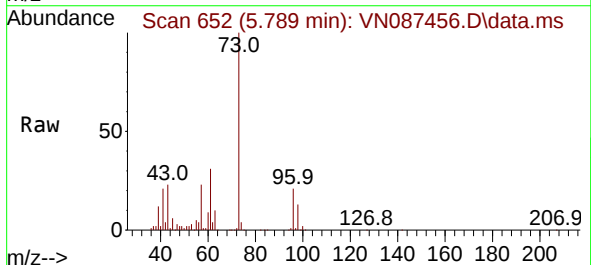
Manual Integrations
APPROVED

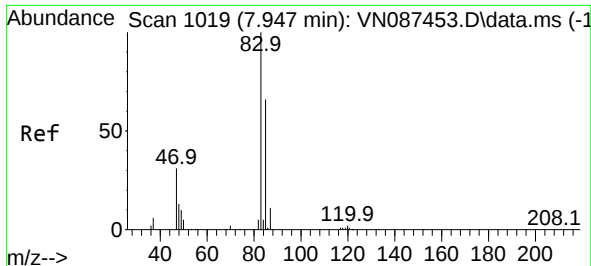
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#24
Methyl tert-Butyl Ether
Concen: 157.748 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

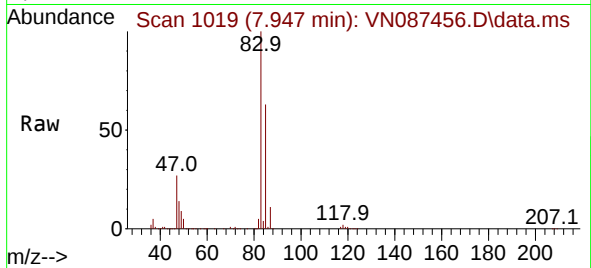
Tgt Ion: 73 Resp: 2719481
Ion Ratio Lower Upper
73 100
43 23.7 19.9 29.9





#25
Chloroform
Concen: 155.945 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

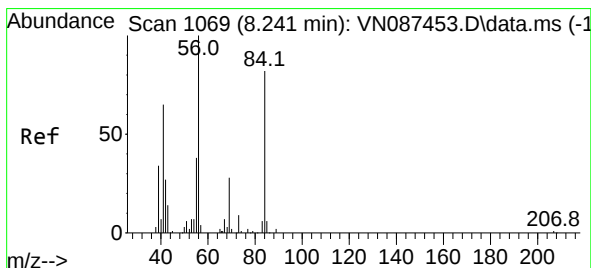
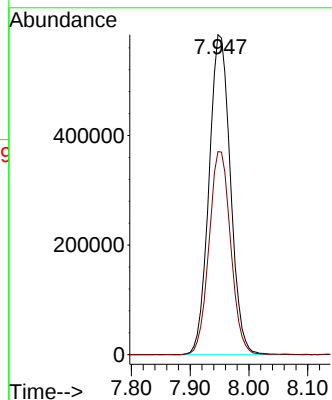
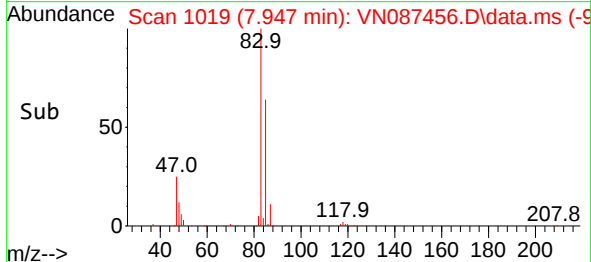
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 1478128
Ion Ratio Lower Upper
83 100
85 63.4 52.6 78.8

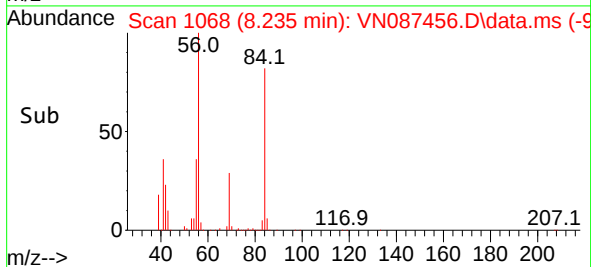
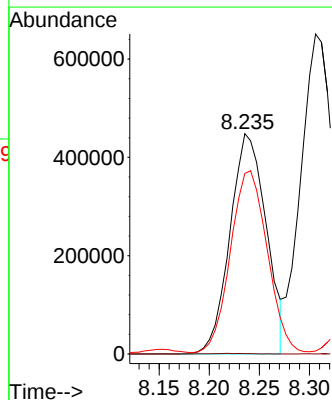
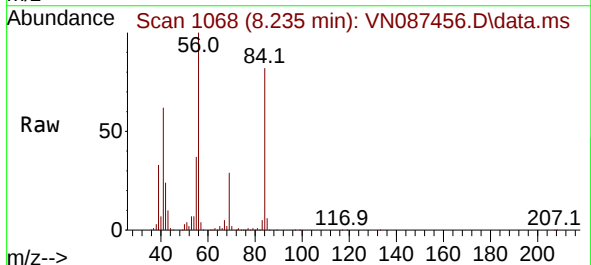
Manual Integrations
APPROVED

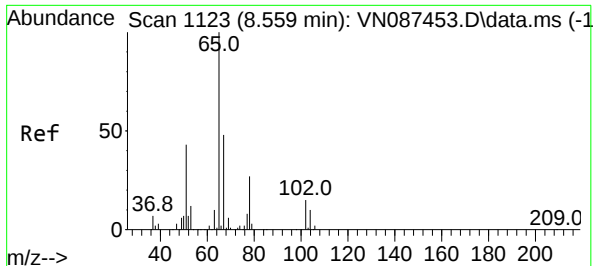
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#26
Cyclohexane
Concen: 154.779 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

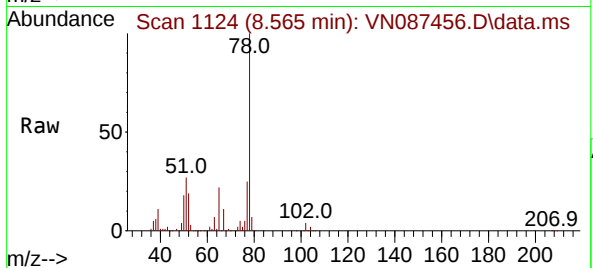
Tgt Ion: 56 Resp: 1125305
Ion Ratio Lower Upper
56 100
89 0.0 2.3 3.5#
84 85.6 67.0 100.4





#27
1,2-Dichloroethane-d4
Concen: 29.770 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

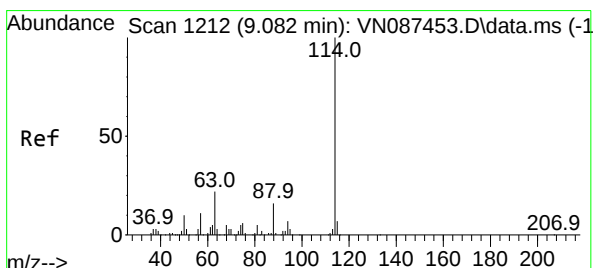
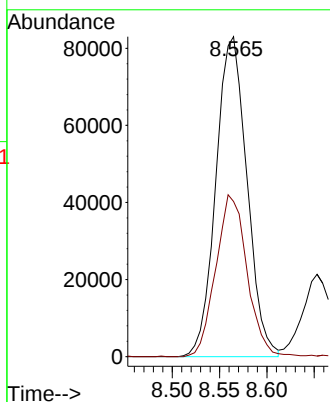
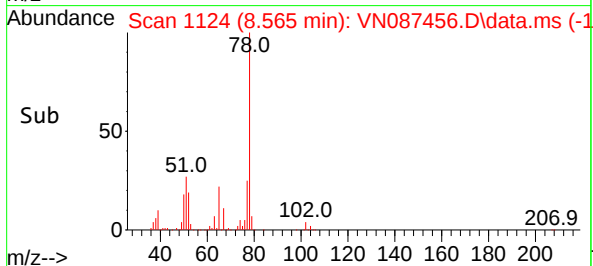
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 65 Resp: 189674
Ion Ratio Lower Upper
65 100
67 50.9 40.8 61.2

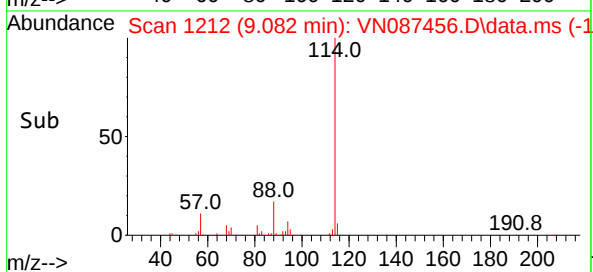
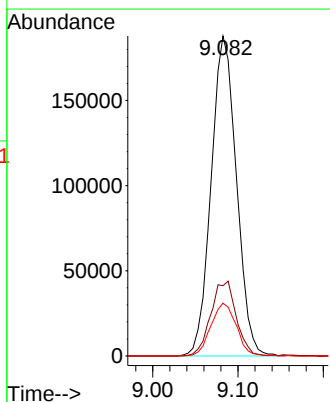
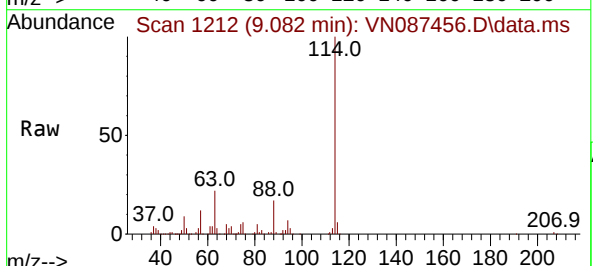
Manual Integrations
APPROVED

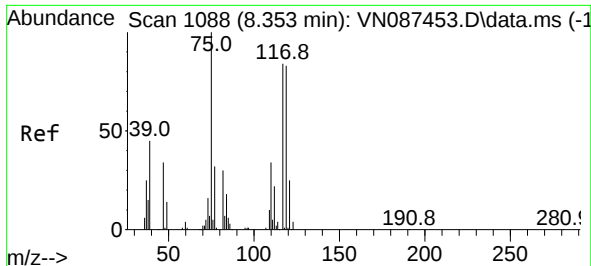
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

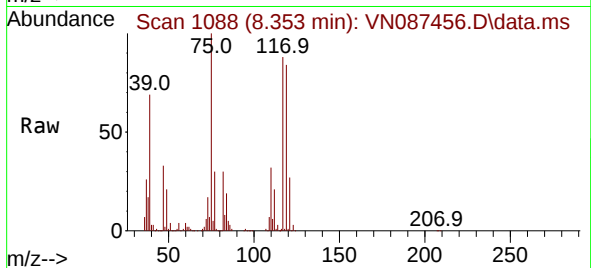
Tgt Ion:114 Resp: 387583
Ion Ratio Lower Upper
114 100
63 23.6 18.9 28.3
88 16.5 13.1 19.7





#29
1,1-Dichloropropene
Concen: 152.623 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

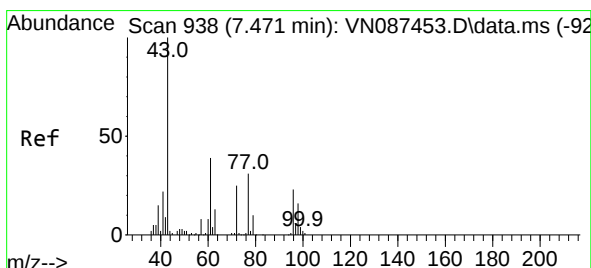
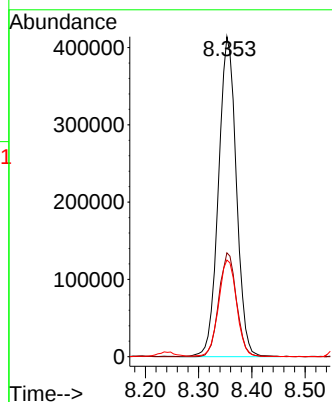
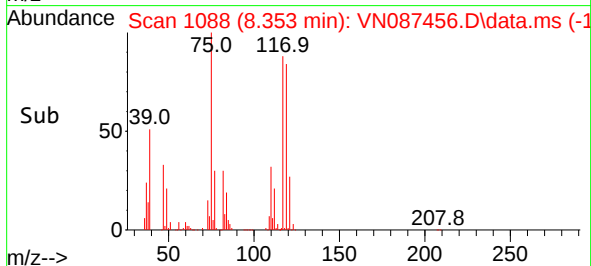
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 964808
Ion Ratio Lower Upper
75 100
110 32.1 0.0 65.8
77 30.3 0.0 63.6

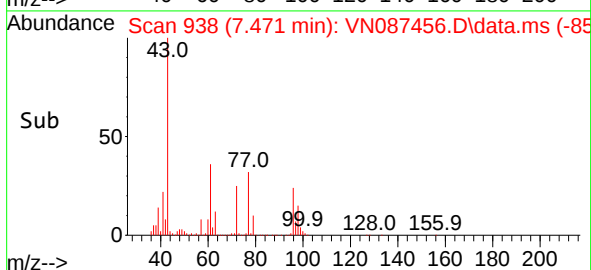
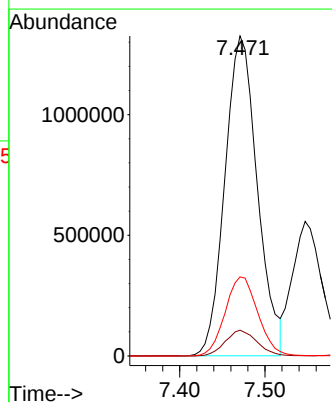
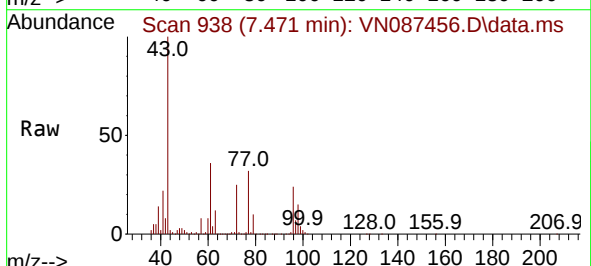
Manual Integrations
APPROVED

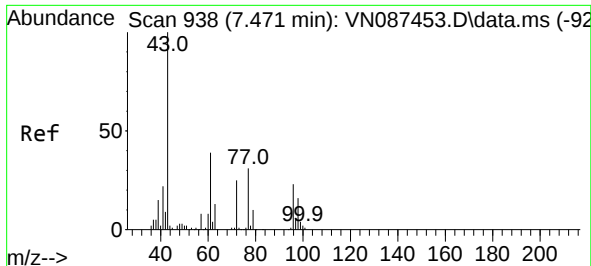
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#30
2-Butanone
Concen: 754.051 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

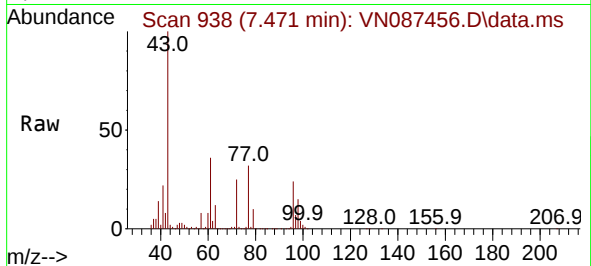
Tgt Ion: 43 Resp: 3513639
Ion Ratio Lower Upper
43 100
57 7.9 6.6 9.8
72 24.9 19.7 29.5





#31
2,2-Dichloropropane
Concen: 150.224 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

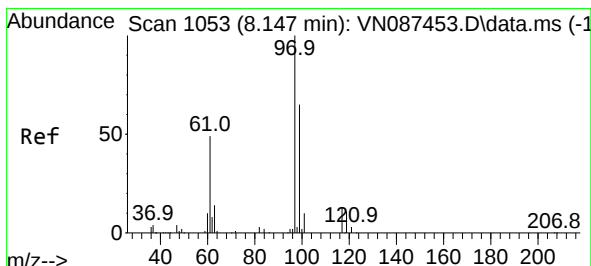
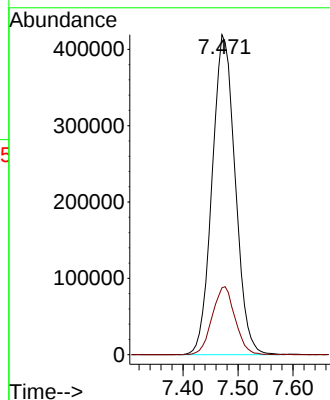
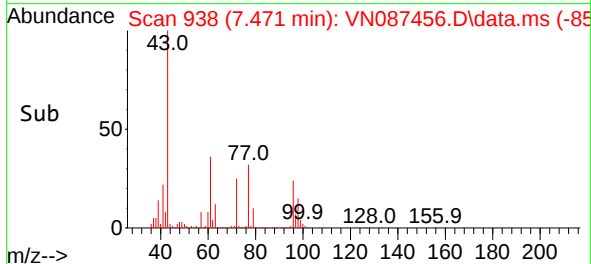
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



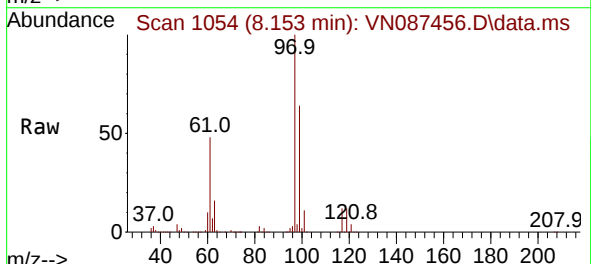
Tgt Ion: 77 Resp: 122480
Ion Ratio Lower Upper
77 100
97 21.0 16.7 25.1

Manual Integrations
APPROVED

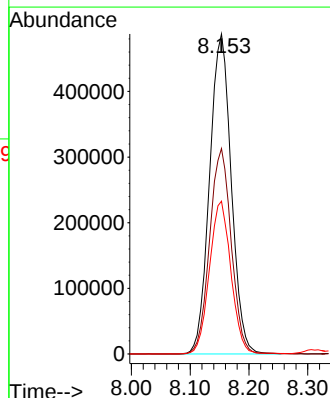
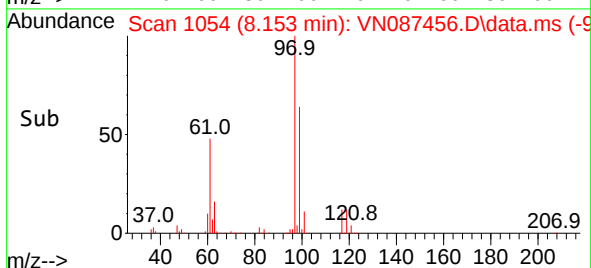
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

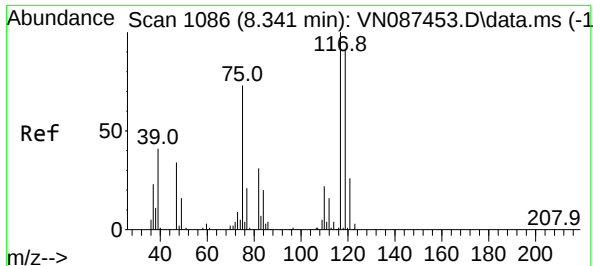


#32
1,1,1-Trichloroethane
Concen: 154.937 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01



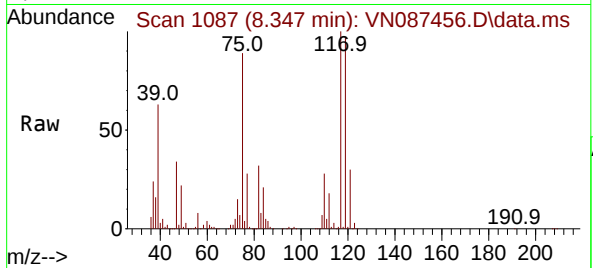
Tgt Ion: 97 Resp: 1249167
Ion Ratio Lower Upper
97 100
99 64.0 53.0 79.6
61 47.3 40.6 61.0





#33
Carbon Tetrachloride
Concen: 154.768 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

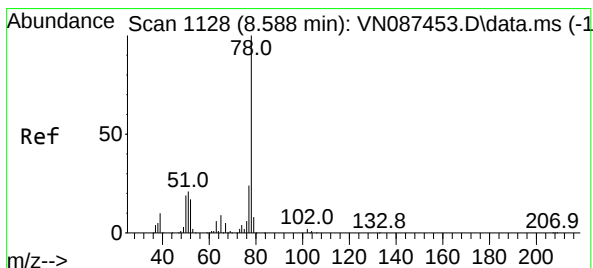
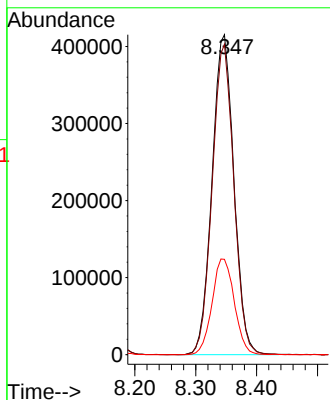
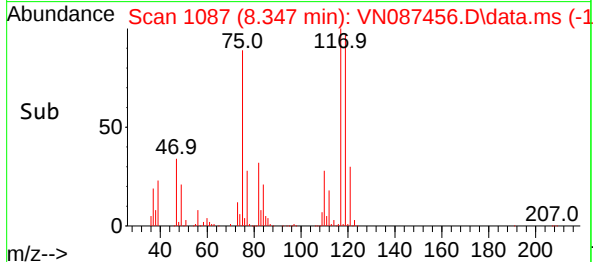
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 117 Resp: 1036608
Ion Ratio Lower Upper
117 100
119 97.0 73.4 110.0
121 29.8 21.1 31.7

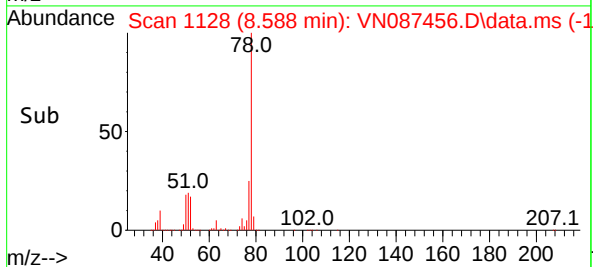
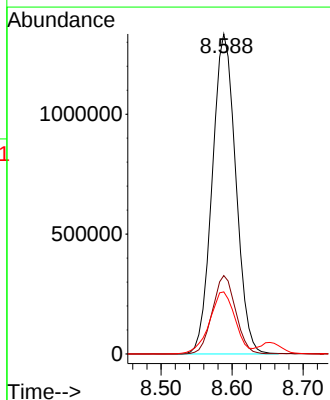
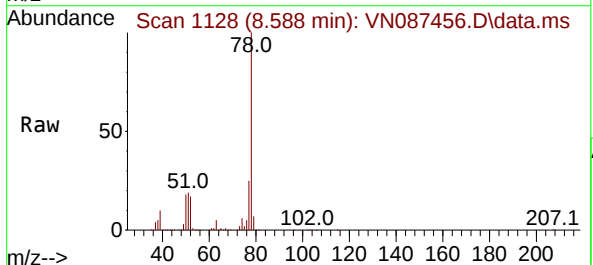
Manual Integrations
APPROVED

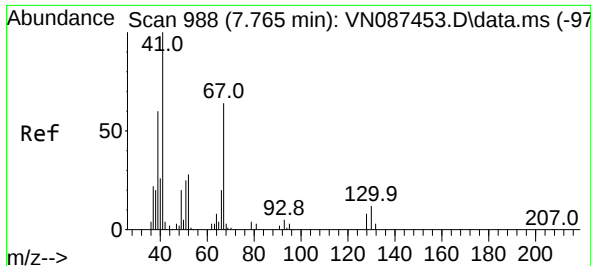
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#34
Benzene
Concen: 153.850 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

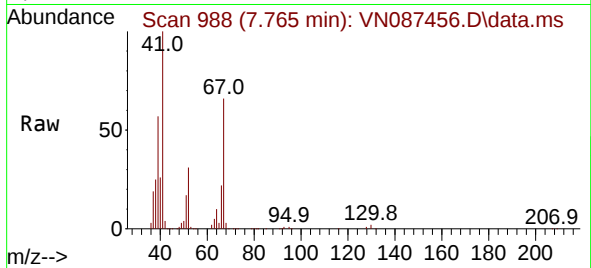
Tgt Ion: 78 Resp: 3070072
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8
51 19.3 16.9 25.3





#35
Methacrylonitrile
Concen: 147.778 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

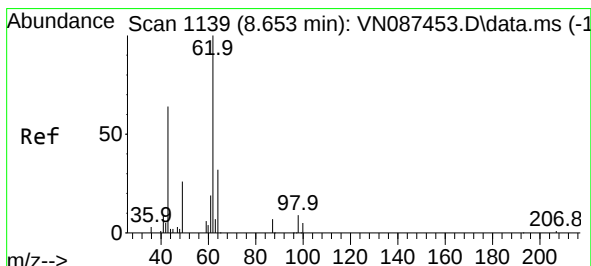
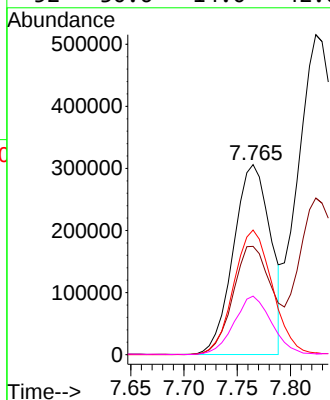
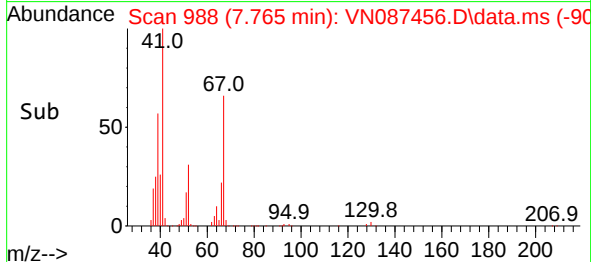
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



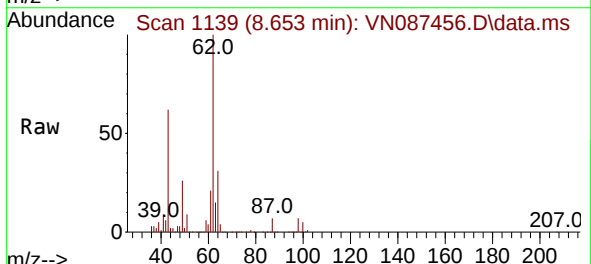
Tgt Ion: 41 Resp: 743083
Ion Ratio Lower Upper
41 100
39 57.0 30.1 90.5
67 65.6 32.0 96.2
52 30.6 14.0 42.0

Manual Integrations
APPROVED

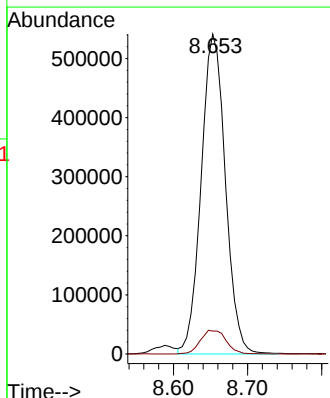
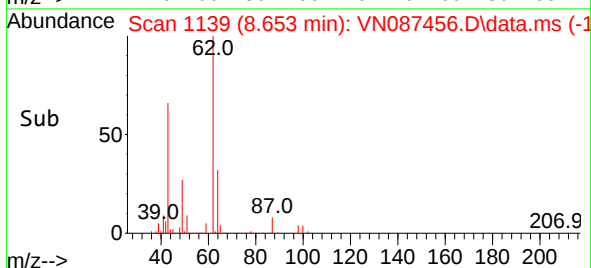
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

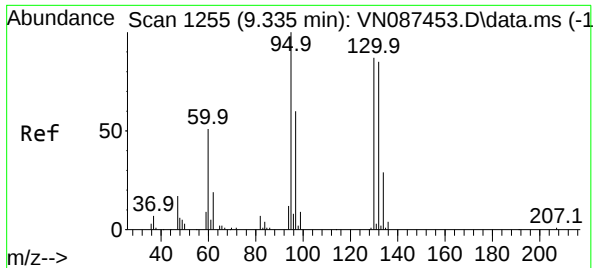


#36
1,2-Dichloroethane
Concen: 152.417 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01



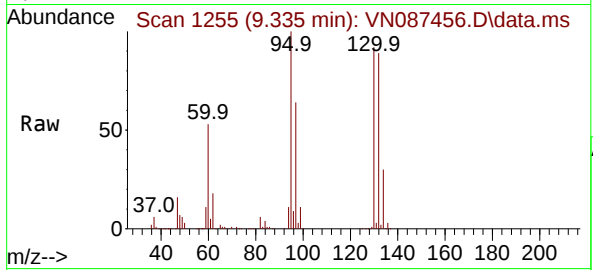
Tgt Ion: 62 Resp: 1229451
Ion Ratio Lower Upper
62 100
98 7.9 6.6 9.8





#37
Trichloroethene
Concen: 152.738 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

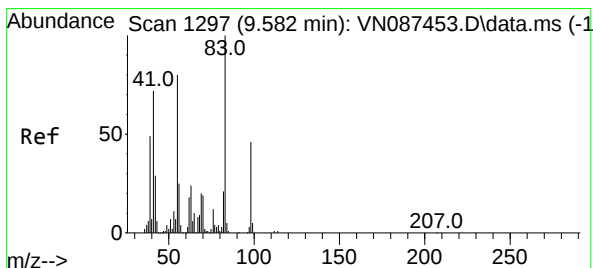
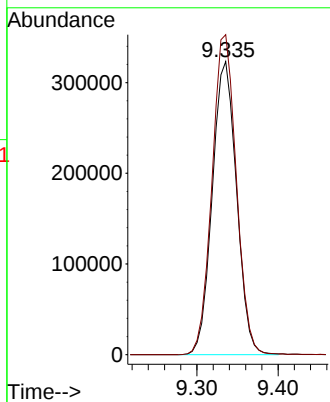
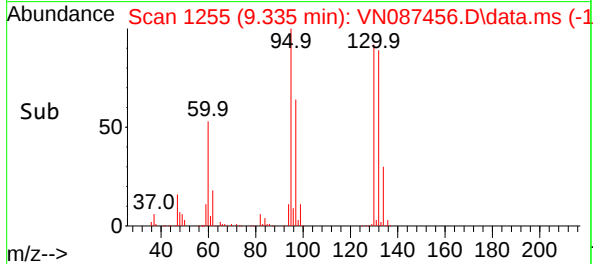
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:130 Resp: 671378
Ion Ratio Lower Upper
130 100
95 109.1 91.4 137.2

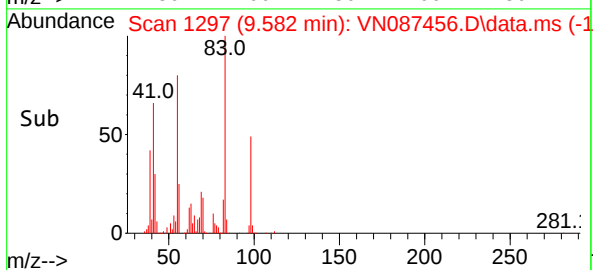
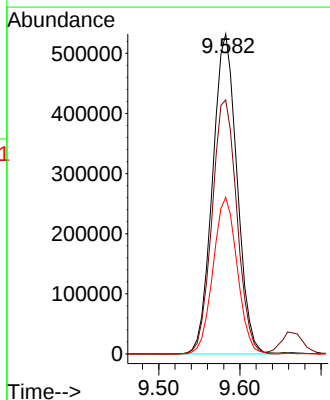
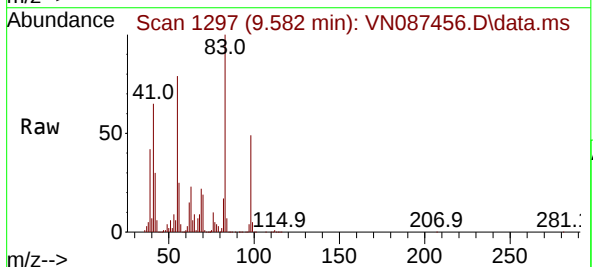
Manual Integrations
APPROVED

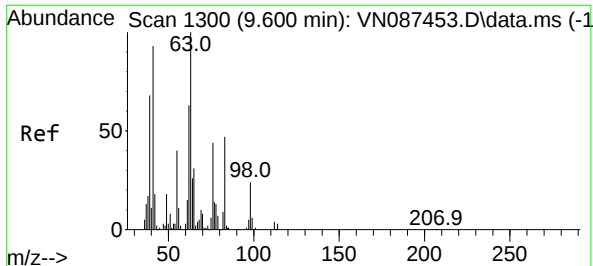
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#38
Methylcyclohexane
Concen: 152.053 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Tgt Ion: 83 Resp: 1115098
Ion Ratio Lower Upper
83 100
55 80.9 41.2 123.6
98 48.3 23.3 69.9





#39

1,2-Dichloropropane

Concen: 151.562 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087456.D

Acq: 05 Aug 2025 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 775438

Ion Ratio Lower Upper

63 100

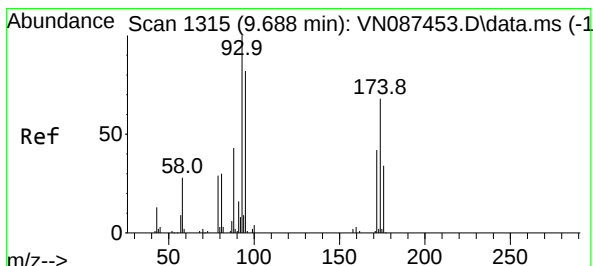
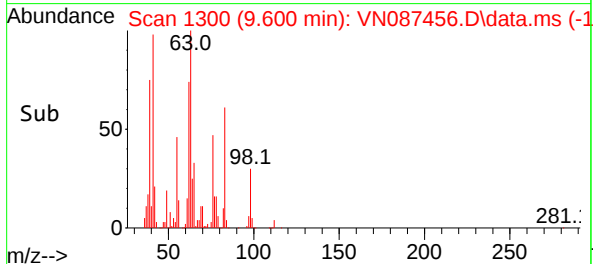
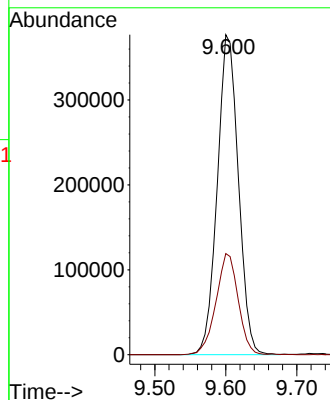
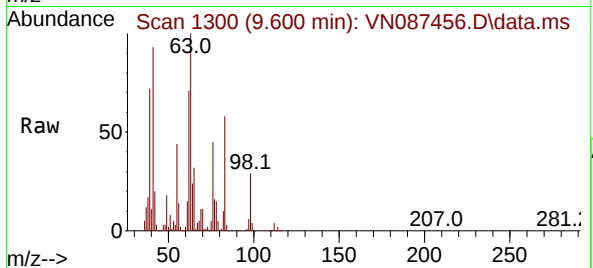
65 31.6 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#40

Dibromomethane

Concen: 152.708 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087456.D

Acq: 05 Aug 2025 15:01

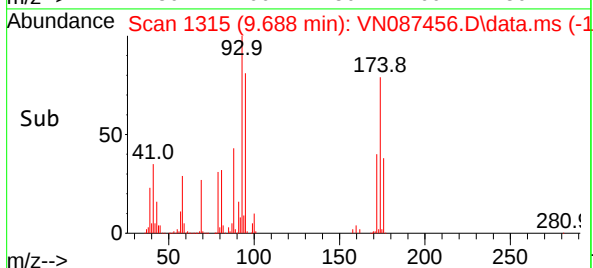
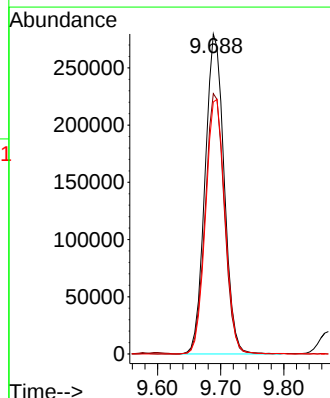
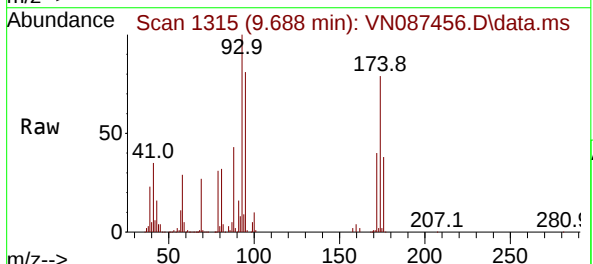
Tgt Ion: 93 Resp: 586203

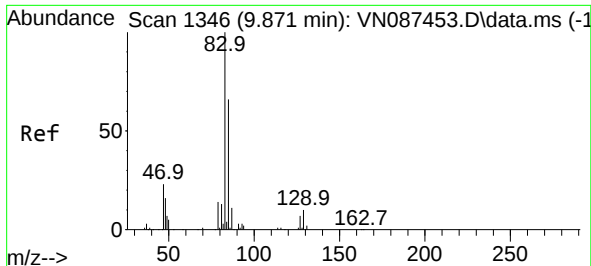
Ion Ratio Lower Upper

93 100

95 81.8 0.0 161.6

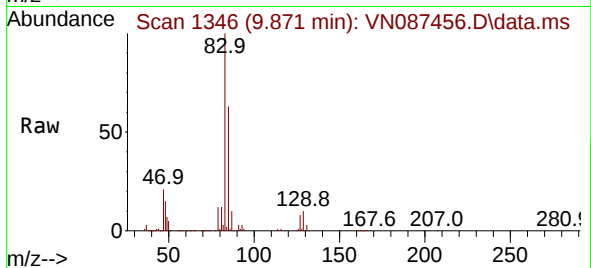
174 80.6 0.0 151.4





#41
Bromodichloromethane
Concen: 154.020 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

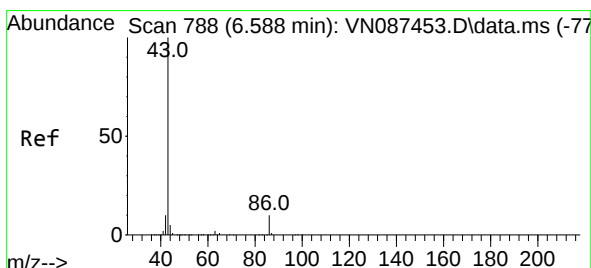
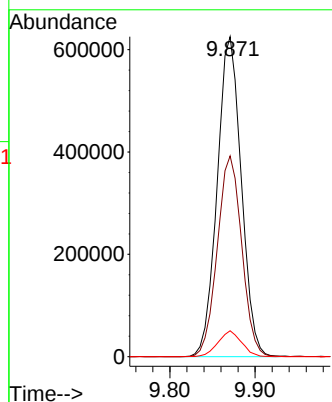
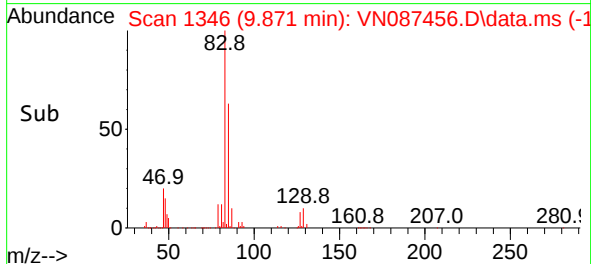
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 122856
Ion Ratio Lower Upper
83 100
85 62.7 52.9 79.3
127 8.1 5.8 8.6

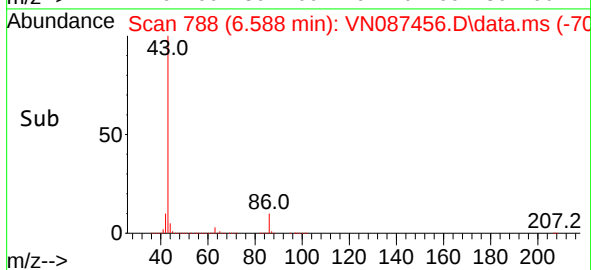
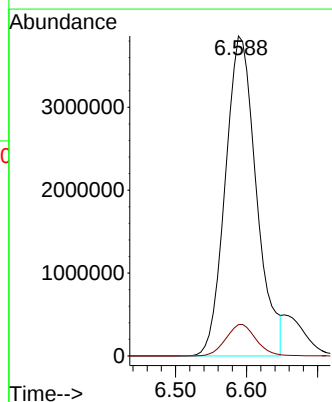
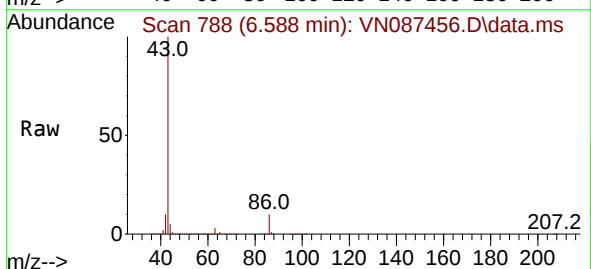
Manual Integrations
APPROVED

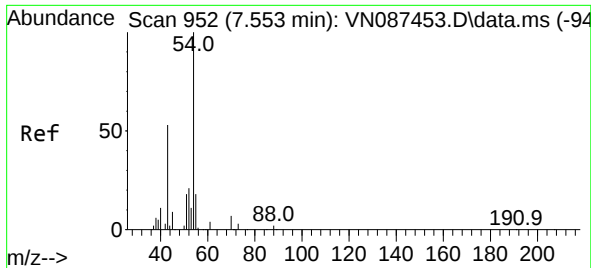
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#42
Vinyl Acetate
Concen: 765.203 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

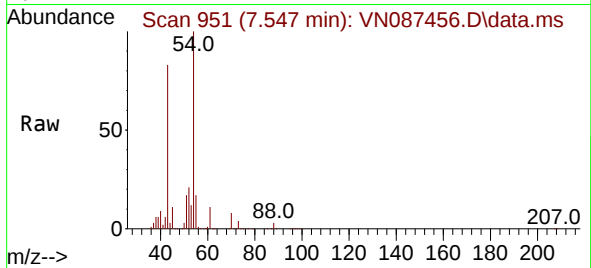
Tgt Ion: 43 Resp:11742175
Ion Ratio Lower Upper
43 100
86 9.6 7.3 10.9





#43
Ethyl Acetate
Concen: 156.385 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

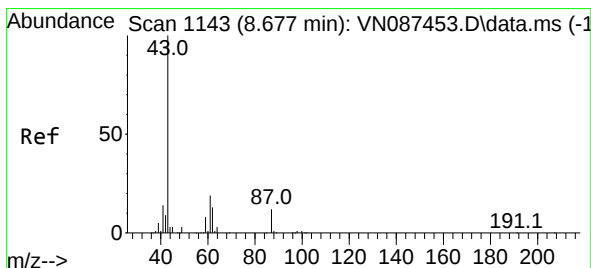
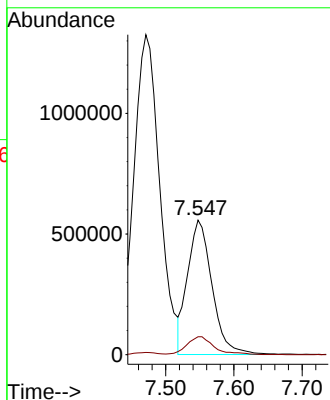
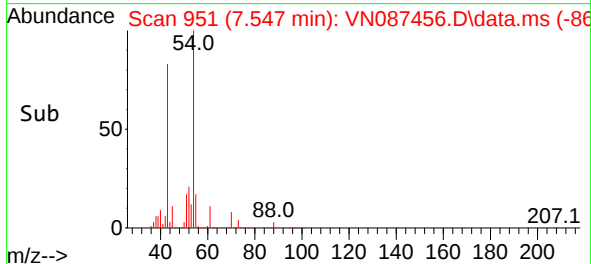
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 138713
Ion Ratio Lower Upper
43 100
45 14.7 11.1 16.7

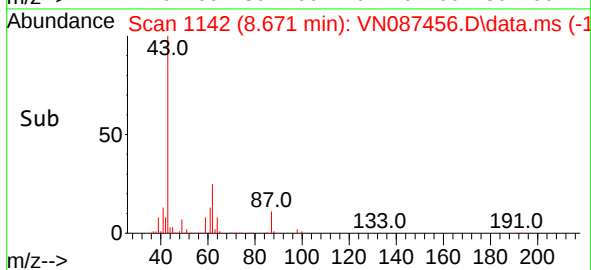
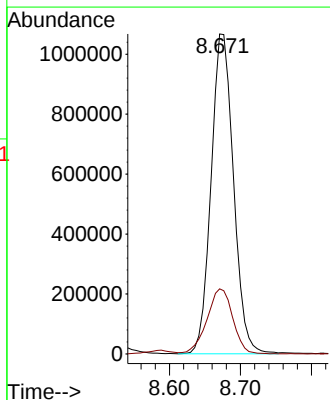
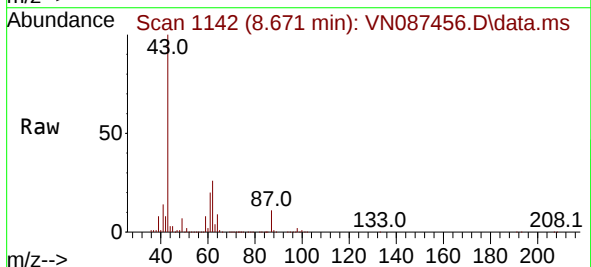
Manual Integrations
APPROVED

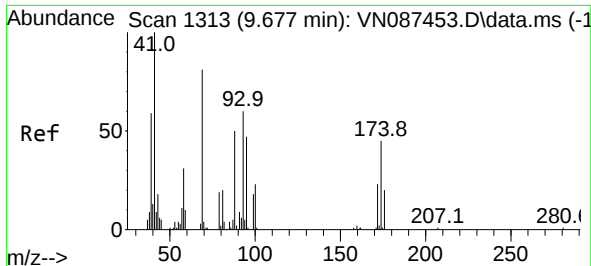
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#44
Isopropyl Acetate
Concen: 152.869 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

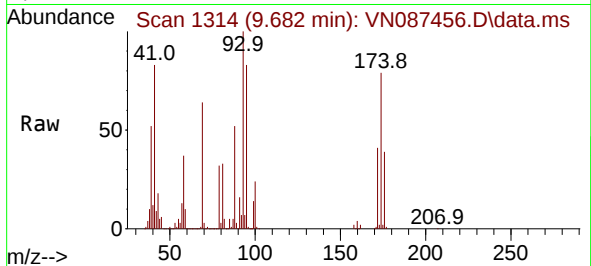
Tgt Ion: 43 Resp: 2332673
Ion Ratio Lower Upper
43 100
61 23.6 18.6 28.0





#45
1,4-Dioxane
Concen: 3019.679 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

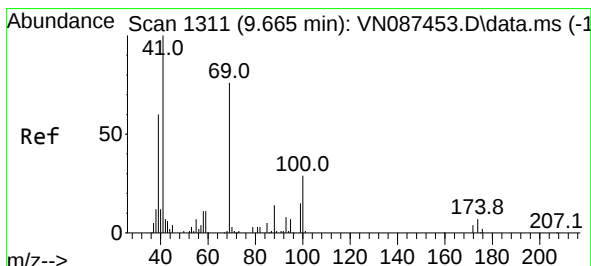
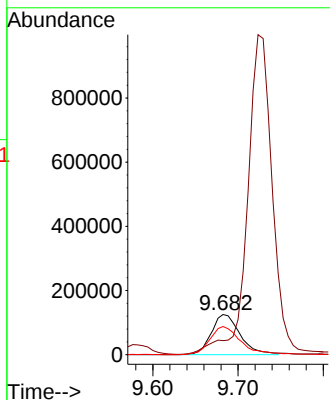
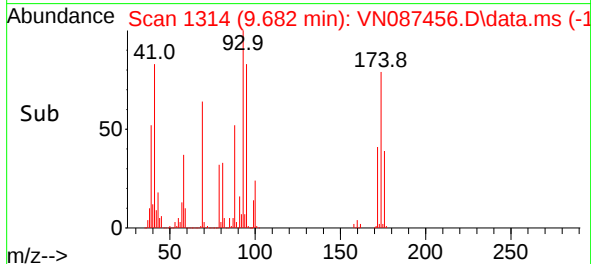
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



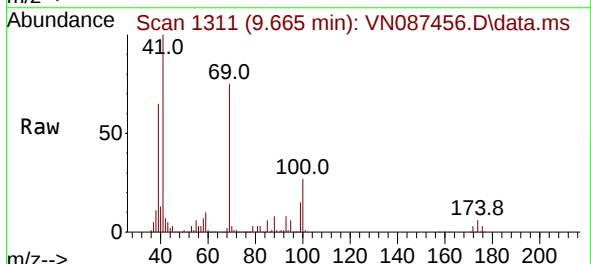
Tgt Ion: 88 Resp: 293745
Ion Ratio Lower Upper
88 100
43 23.1 24.1 36.1
58 75.8 57.2 85.8

Manual Integrations
APPROVED

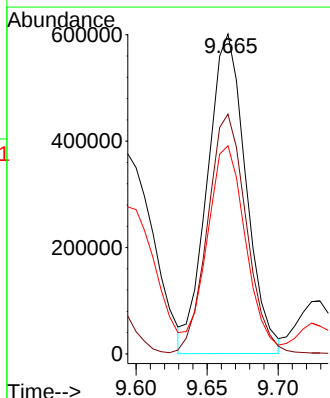
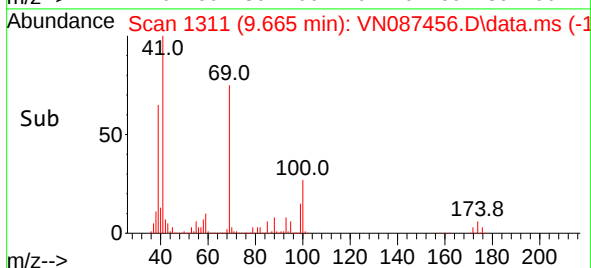
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

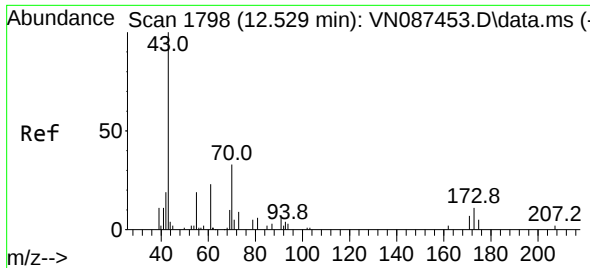


#46
Methyl methacrylate
Concen: 157.486 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01



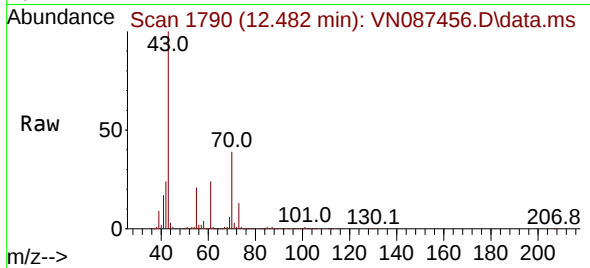
Tgt Ion: 41 Resp: 1134360
Ion Ratio Lower Upper
41 100
69 77.5 37.1 111.5
39 65.4 30.7 92.1





#47
n-amy1 Acetate
Concen: 207.839 ug/l
RT: 12.482 min Scan# 1798
Delta R.T. -0.047 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

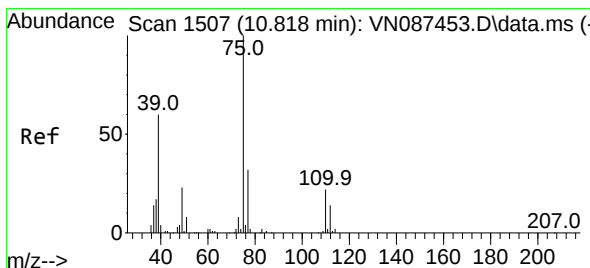
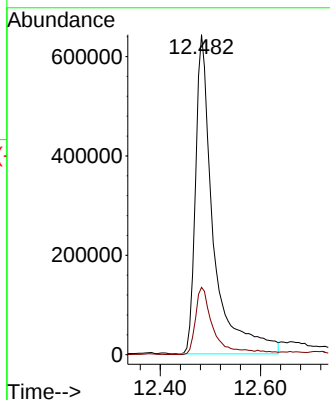
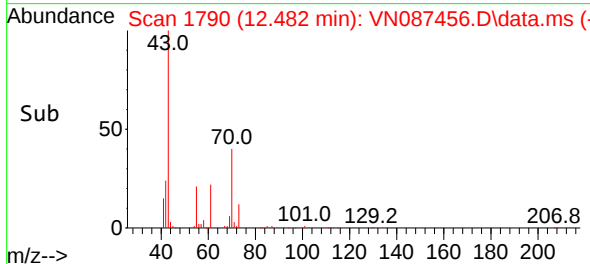
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



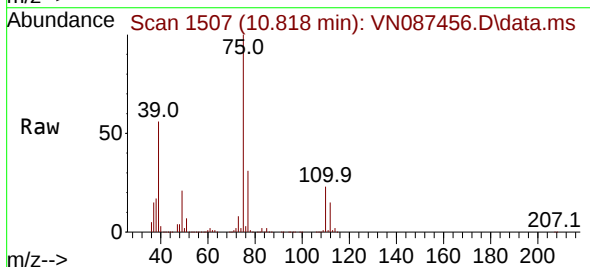
Tgt Ion: 43 Resp: 1594700
Ion Ratio Lower Upper
43 100
55 19.6 4.6 6.8

Manual Integrations
APPROVED

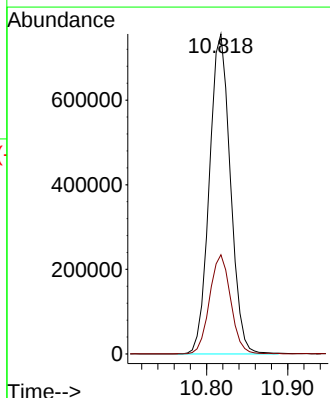
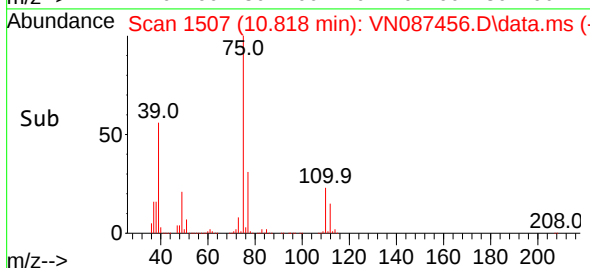
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

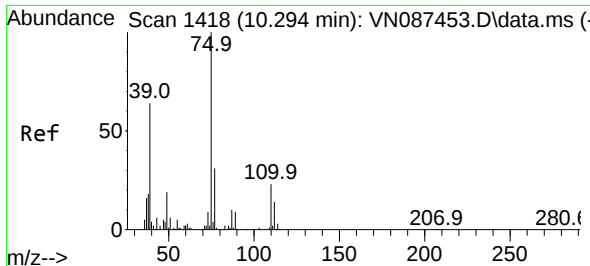


#48
t-1,3-Dichloropropene
Concen: 156.815 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01



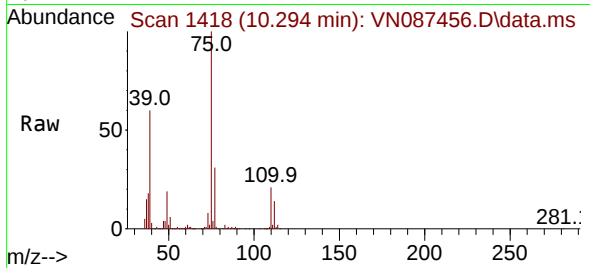
Tgt Ion: 75 Resp: 1360863
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 156.195 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087456.D
 Acq: 05 Aug 2025 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

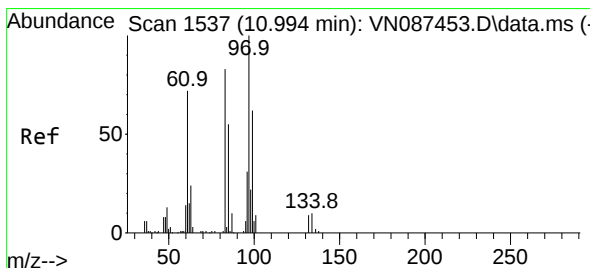
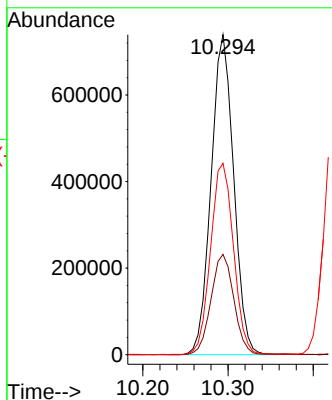
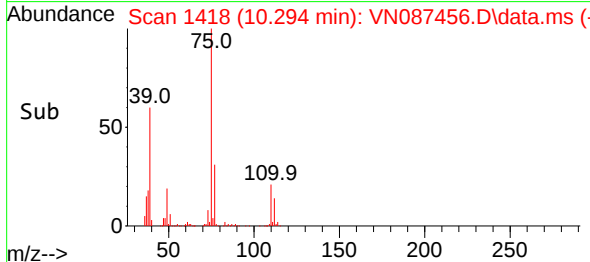


Tgt Ion: 75 Resp: 1364130

Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	36.8
39	59.7	51.5	77.3

Manual Integrations
 APPROVED

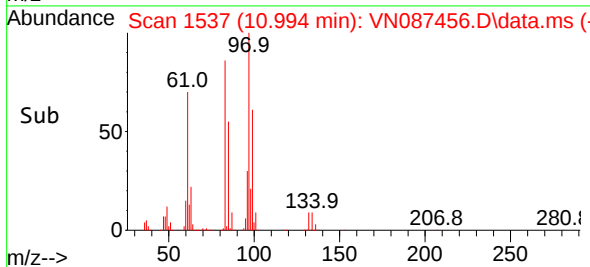
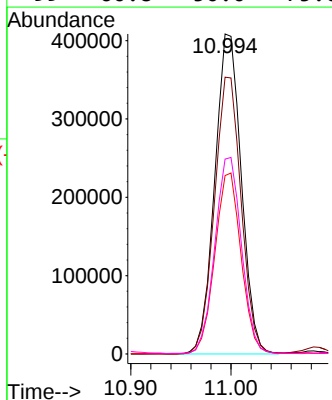
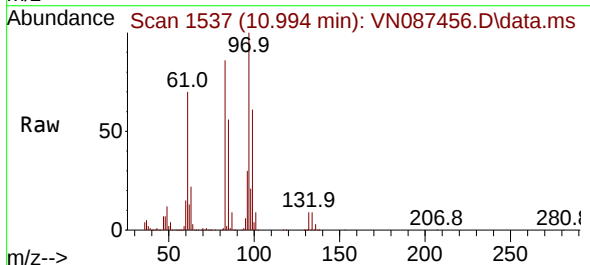
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

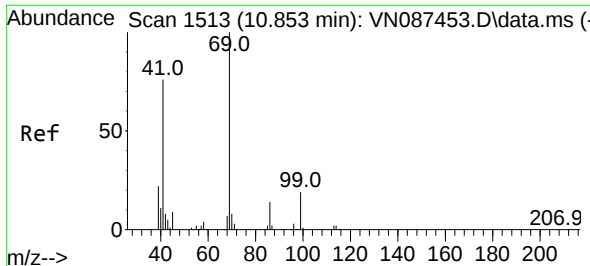


#50
 1,1,2-Trichloroethane
 Concen: 154.919 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087456.D
 Acq: 05 Aug 2025 15:01

Tgt Ion: 97 Resp: 751367

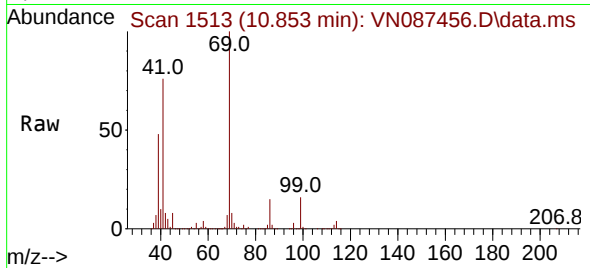
Ion	Ratio	Lower	Upper
97	100		
83	86.5	66.2	99.2
85	55.7	43.9	65.9
99	60.8	50.0	75.0





#51
Ethyl methacrylate
Concen: 162.554 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

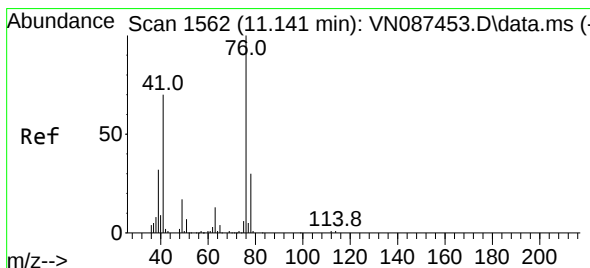
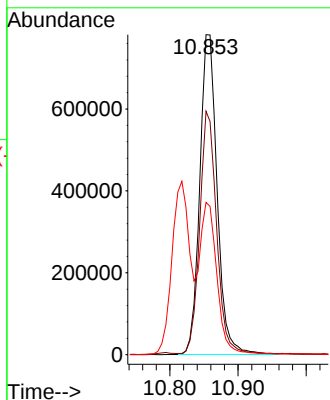
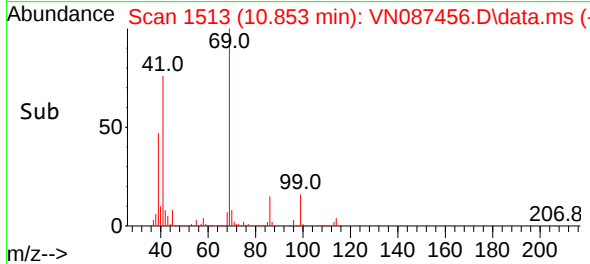
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 69 Resp: 138848
Ion Ratio Lower Upper
69 100
41 75.8 38.0 114.1
39 47.4 23.2 69.5

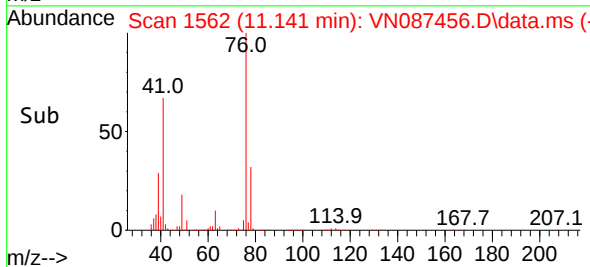
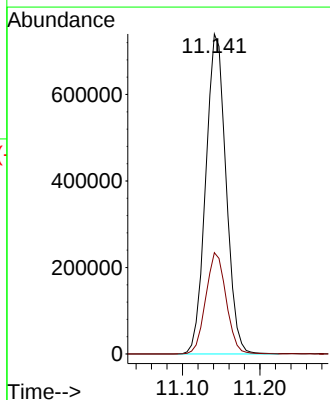
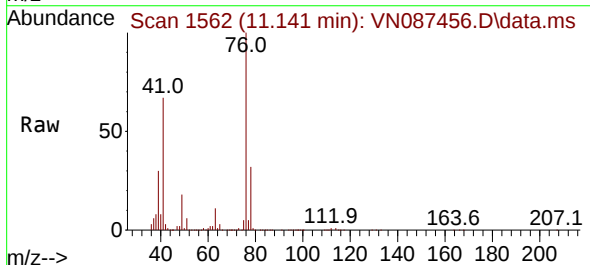
Manual Integrations
APPROVED

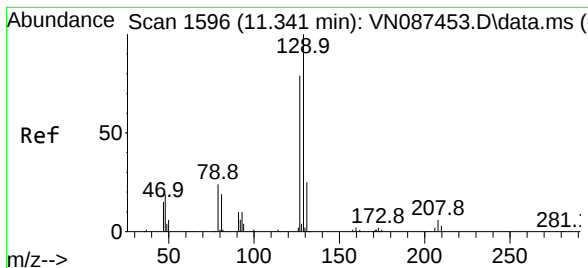
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#52
1,3-Dichloropropane
Concen: 154.396 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

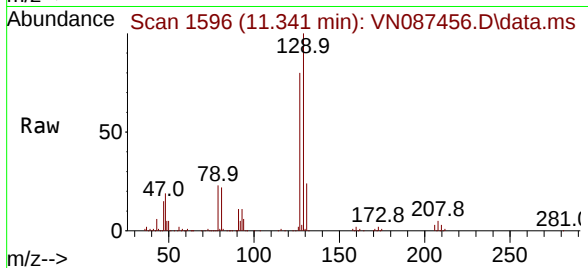
Tgt Ion: 76 Resp: 1349103
Ion Ratio Lower Upper
76 100
78 31.8 0.0 63.0





#53
Dibromochloromethane
Concen: 159.011 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

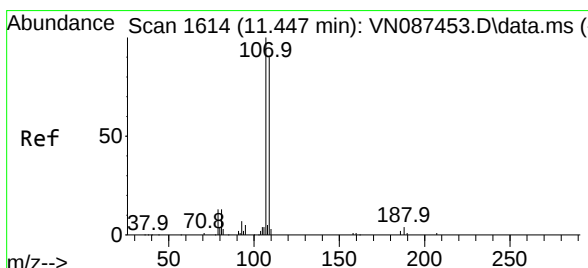
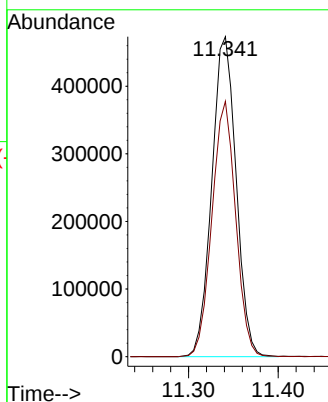
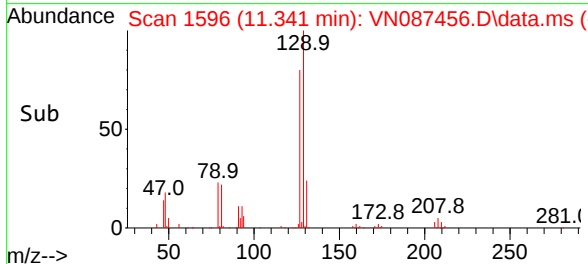
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



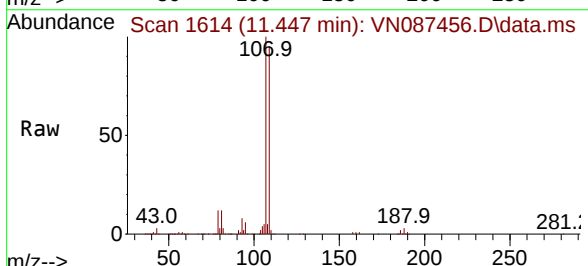
Tgt Ion:129 Resp: 890658
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3

Manual Integrations
APPROVED

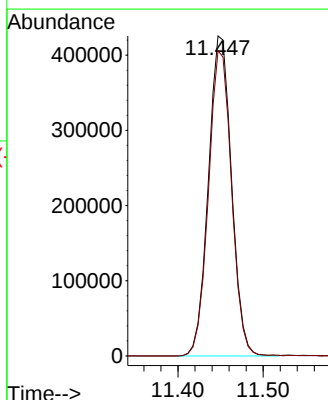
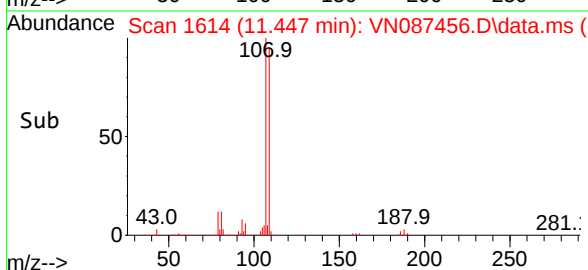
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

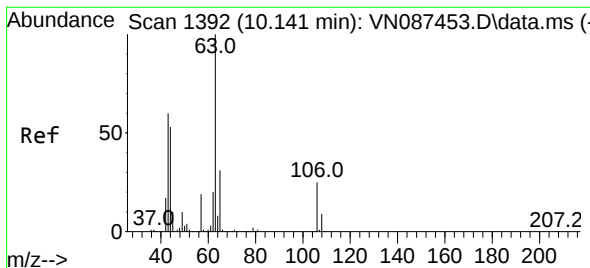


#54
1,2-Dibromoethane
Concen: 155.619 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01



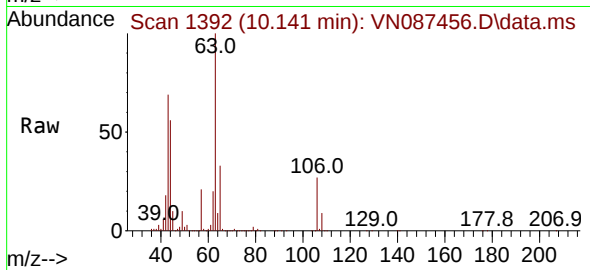
Tgt Ion:107 Resp: 801234
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4





#55
2-Chloroethyl vinyl ether
Concen: 761.062 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

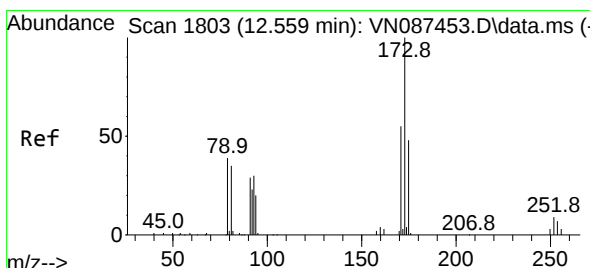
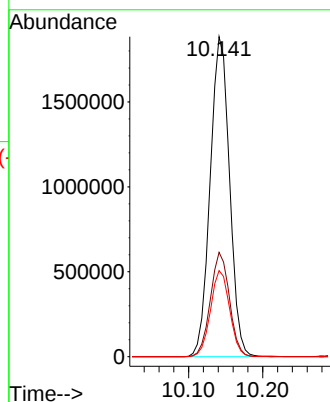
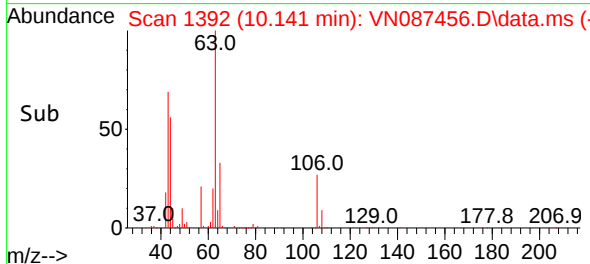
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 3422234
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 26.6 20.7 31.1

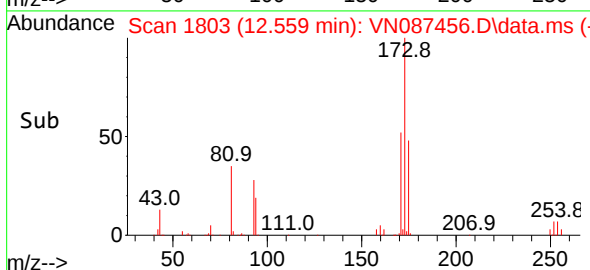
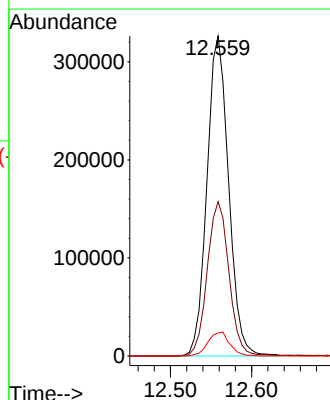
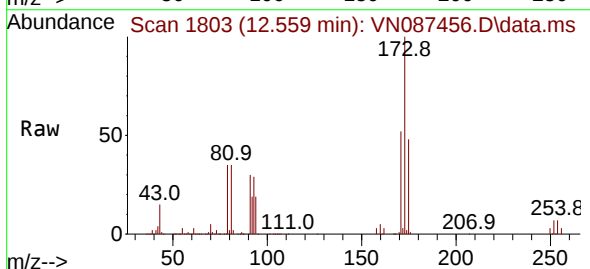
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#56
Bromoform
Concen: 163.094 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

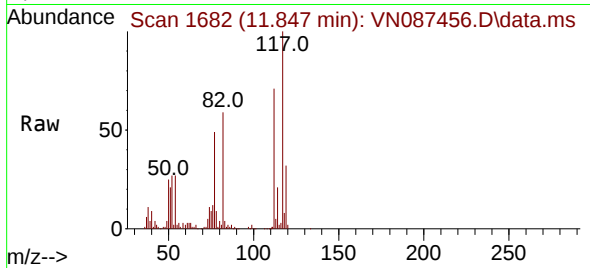
Tgt Ion:173 Resp: 604236
Ion Ratio Lower Upper
173 100
175 48.3 38.8 58.2
254 7.5 3.9 5.9#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

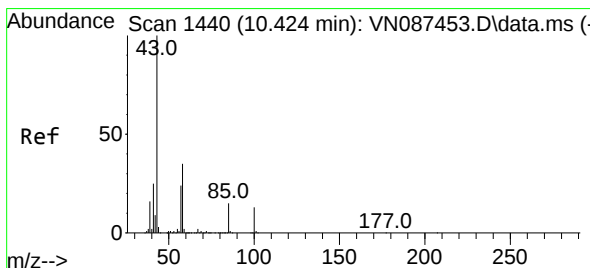
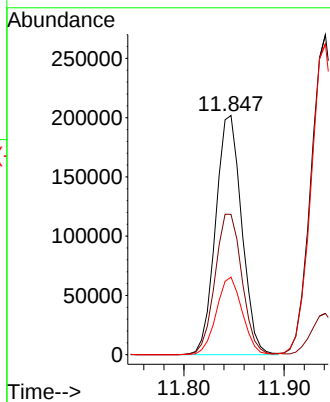
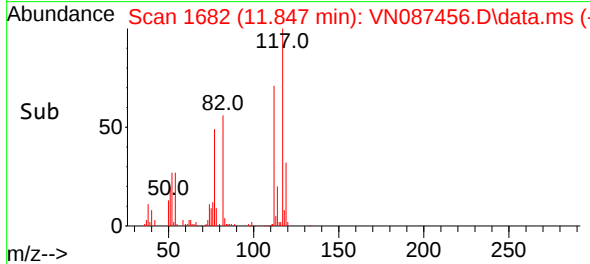
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 117 Resp: 36455
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 32.1 25.7 38.5

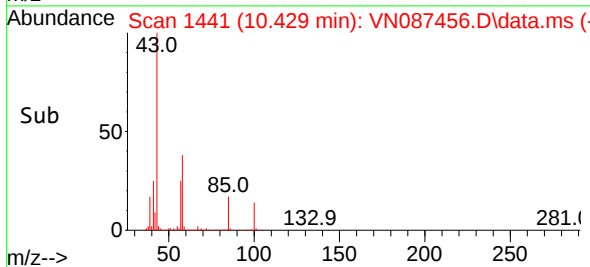
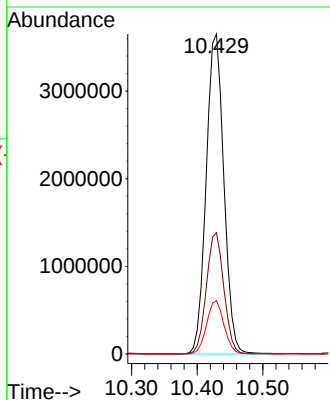
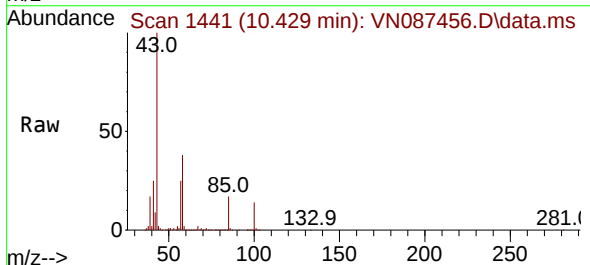
Manual Integrations
APPROVED

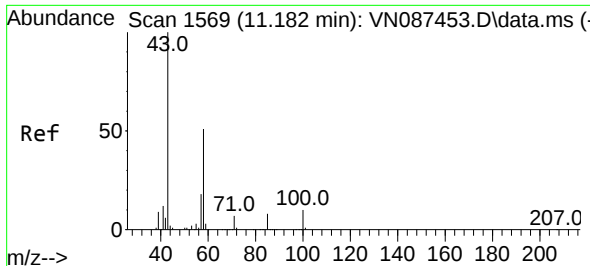
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#58
4-Methyl-2-Pentanone
Concen: 729.674 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

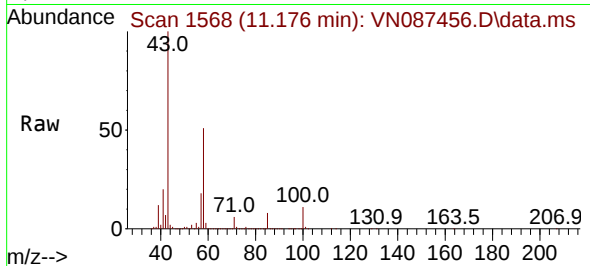
Tgt Ion: 43 Resp: 6842960
Ion Ratio Lower Upper
43 100
58 37.4 29.0 43.6
85 16.5 12.7 19.1





#59
2-Hexanone
Concen: 780.064 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

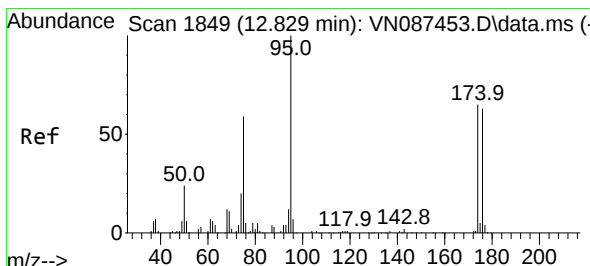
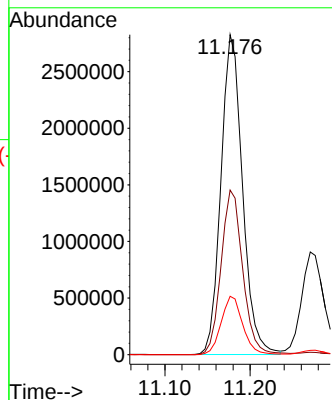
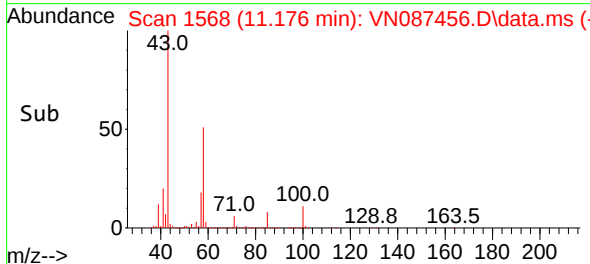
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 497055
Ion Ratio Lower Upper
43 100
58 51.6 41.0 61.6
57 18.2 14.6 21.8

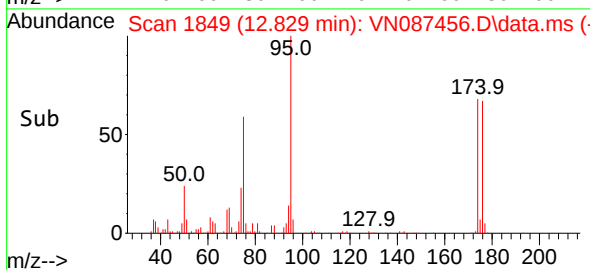
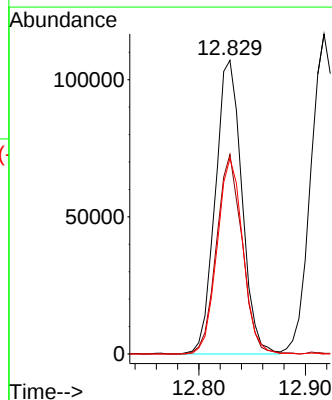
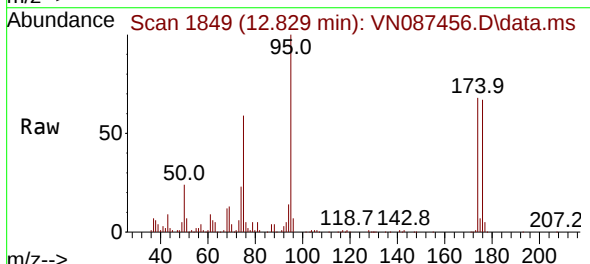
Manual Integrations
APPROVED

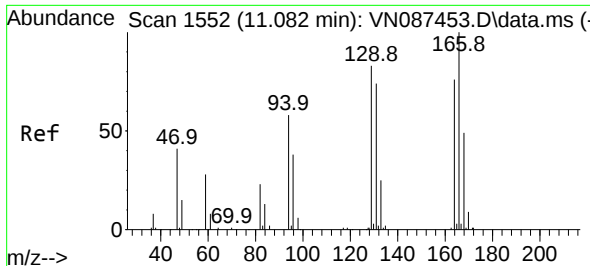
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#60
4-Bromofluorobenzene
Concen: 29.518 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

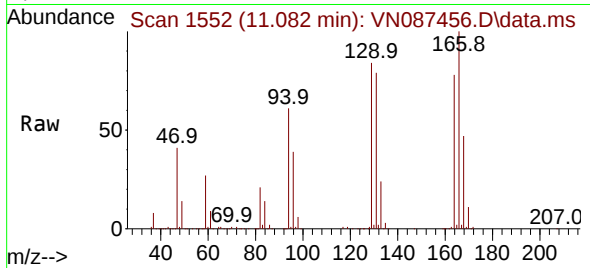
Tgt Ion: 95 Resp: 185190
Ion Ratio Lower Upper
95 100
174 65.4 52.3 78.5
176 64.2 49.8 74.8





#61
Tetrachloroethene
Concen: 148.447 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

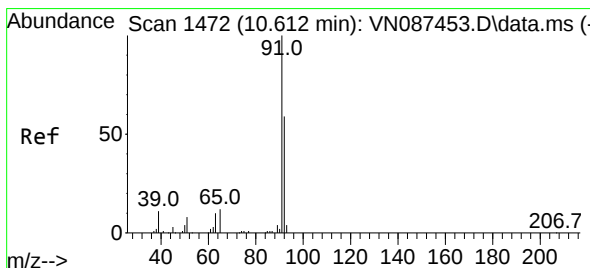
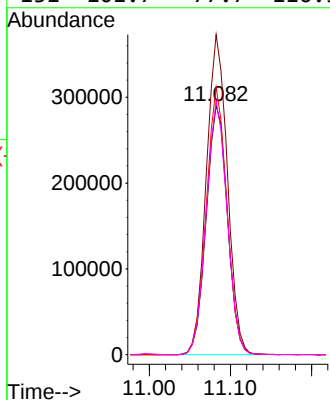
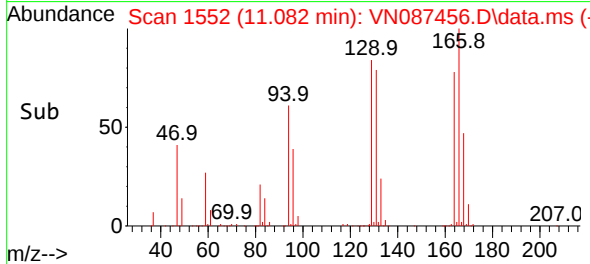
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



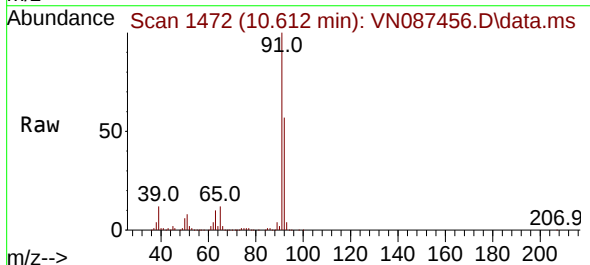
Tgt Ion:164 Resp: 52723
Ion Ratio Lower Upper
164 100
166 128.4 105.4 158.0
129 107.2 87.7 131.5
131 101.7 77.7 116.5

Manual Integrations
APPROVED

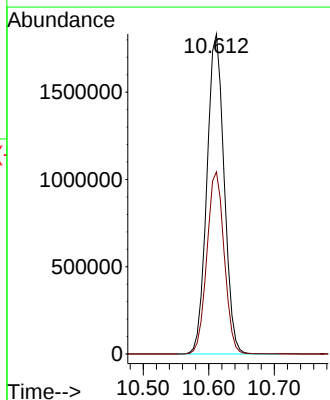
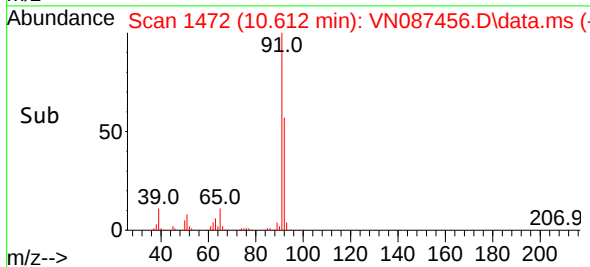
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

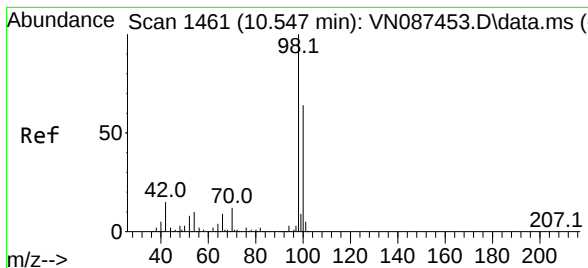


#62
Toluene
Concen: 148.669 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01



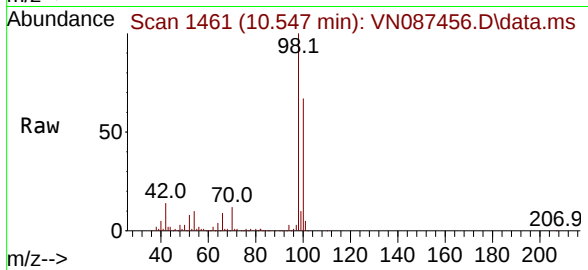
Tgt Ion: 91 Resp: 3345117
Ion Ratio Lower Upper
91 100
92 57.1 45.8 68.6





#63
Toluene-d8
Concen: 29.029 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

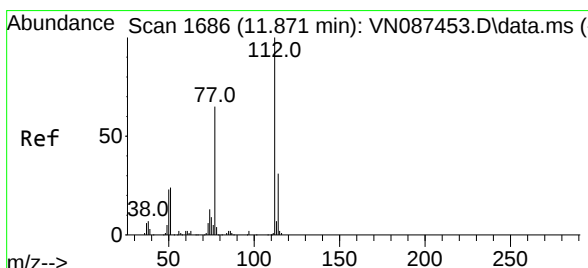
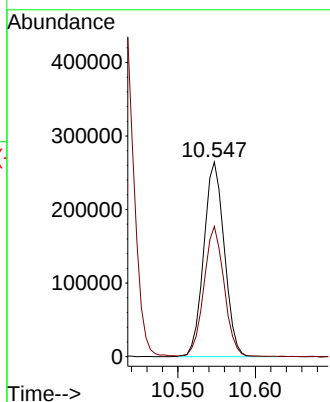
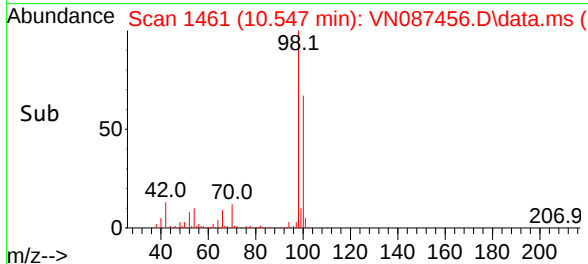
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



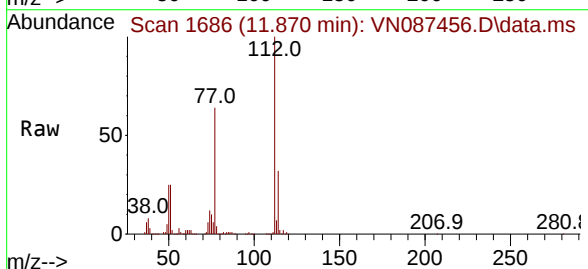
Tgt Ion: 98 Resp: 486934
Ion Ratio Lower Upper
98 100
100 66.0 50.5 75.7

Manual Integrations
APPROVED

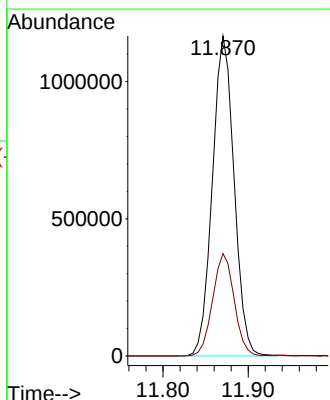
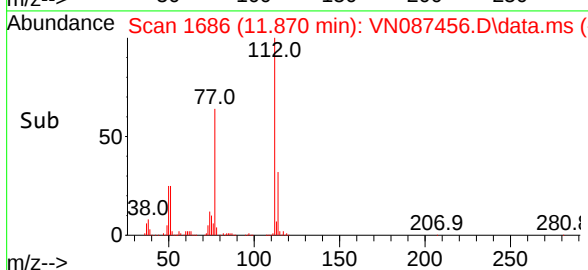
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

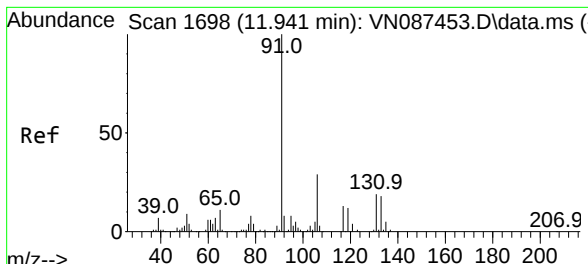


#64
Chlorobenzene
Concen: 149.658 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01



Tgt Ion:112 Resp: 2069135
Ion Ratio Lower Upper
112 100
114 32.0 24.7 37.1





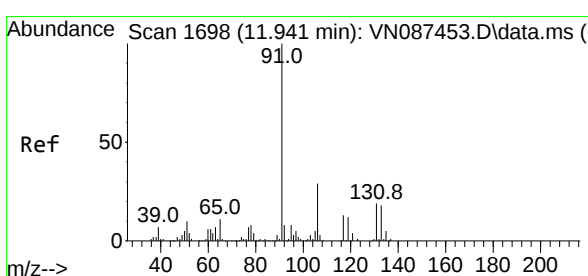
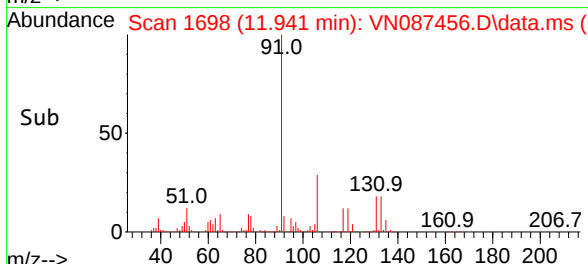
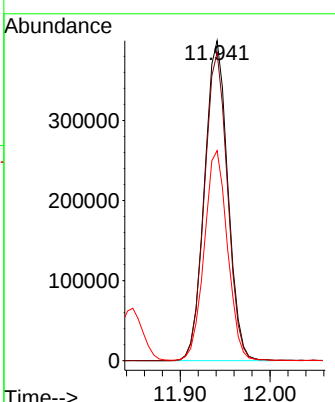
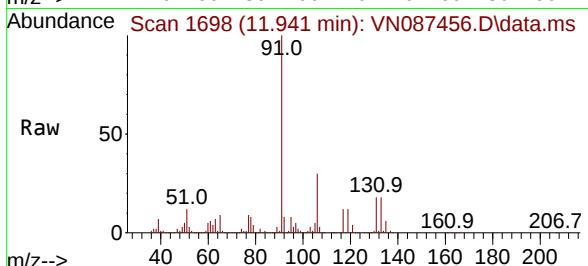
#65
 1,1,1,2-Tetrachloroethane
 Concen: 148.418 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN087456.D
 Acq: 05 Aug 2025 15:01

Instrument : MSVOA_N
 ClientSampleId : VSTDIC150

Tgt Ion:	131	Resp:	721458
Ion Ratio	Lower	Upper	
131	100		
133	95.6	0.0	189.8
119	65.5	0.0	133.2

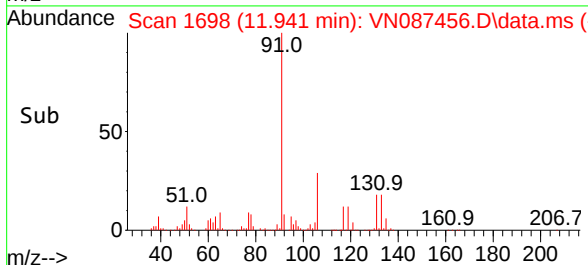
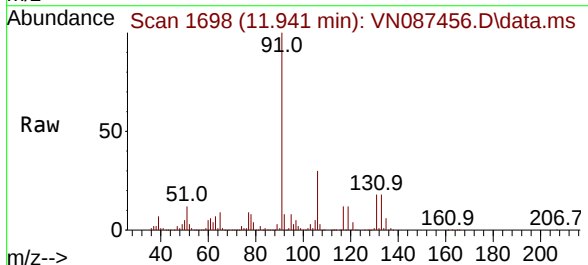
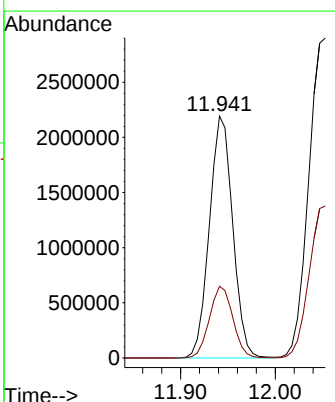
Manual Integrations
 APPROVED

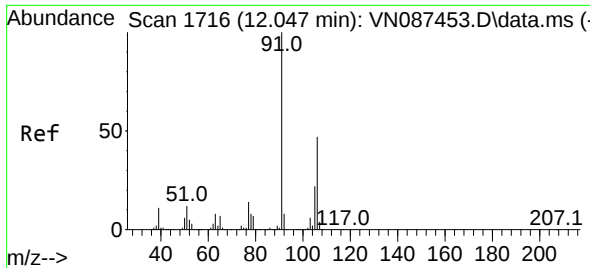
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#66
 Ethyl Benzene
 Concen: 150.033 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN087456.D
 Acq: 05 Aug 2025 15:01

Tgt Ion:	91	Resp:	3762645
Ion Ratio	Lower	Upper	
91	100		
106	29.6	22.9	34.3





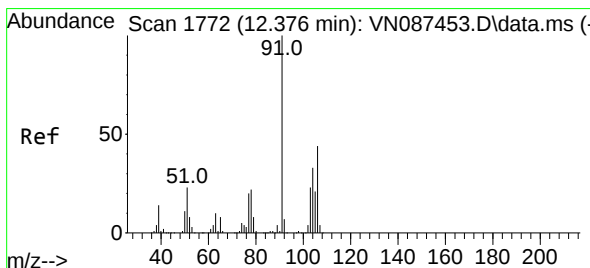
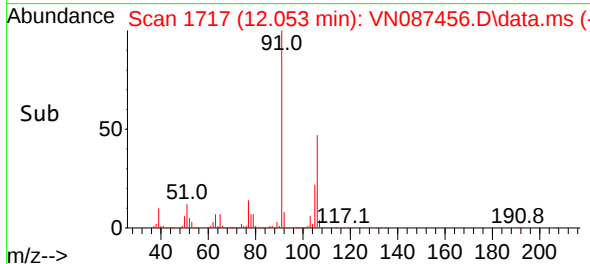
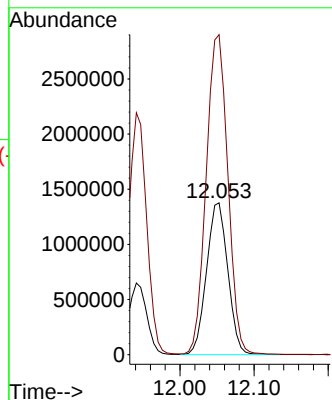
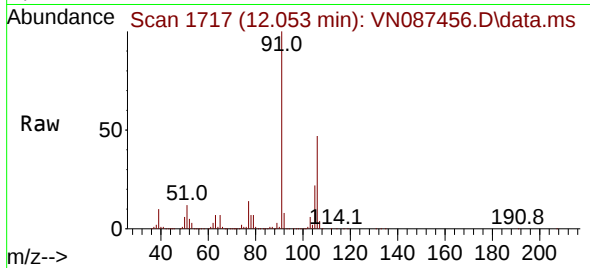
#67
m/p-Xylenes
Concen: 298.294 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 2745929
Ion Ratio Lower Upper
106 100
91 214.5 174.2 261.2

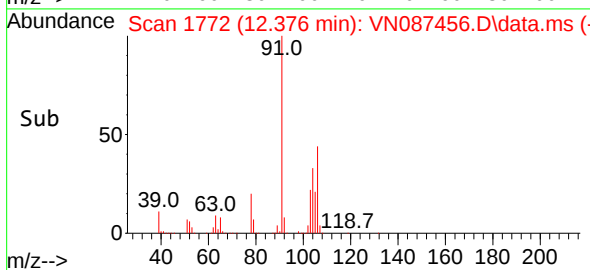
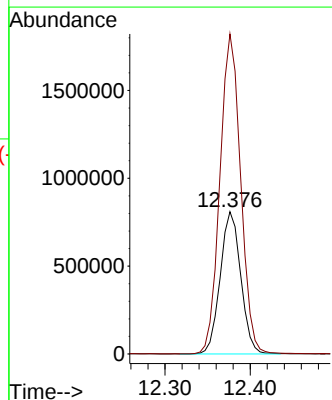
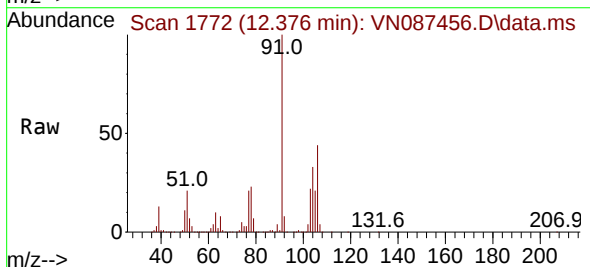
Manual Integrations
APPROVED

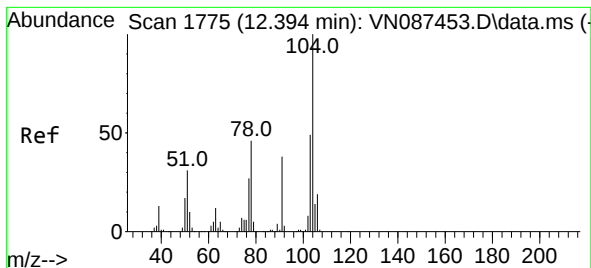
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#68
o-Xylene
Concen: 149.962 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Tgt Ion:106 Resp: 1358102
Ion Ratio Lower Upper
106 100
91 227.2 114.5 343.5





#69

Styrene

Concen: 154.045 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN087456.D

Acq: 05 Aug 2025 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion:104 Resp: 238209

Ion Ratio Lower Upper

104 100

78 55.0 43.8 65.8

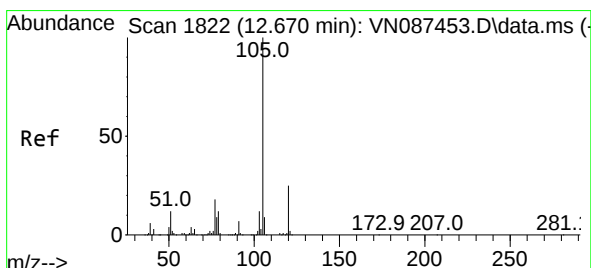
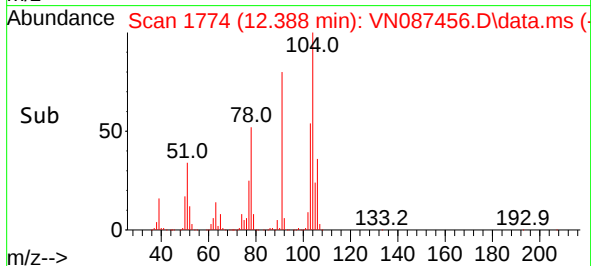
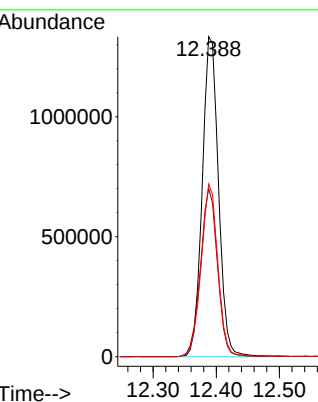
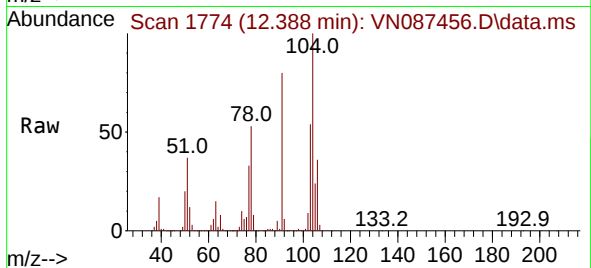
103 55.6 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#70

Isopropylbenzene

Concen: 151.792 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. 0.006 min

Lab File: VN087456.D

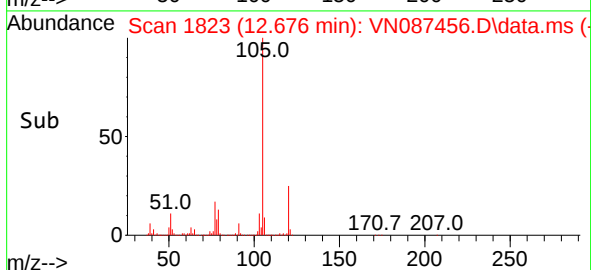
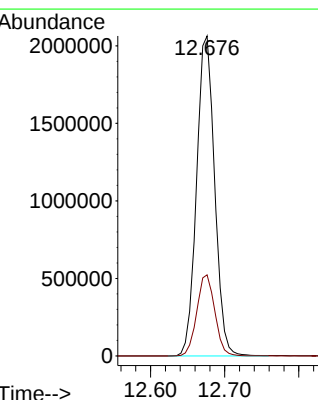
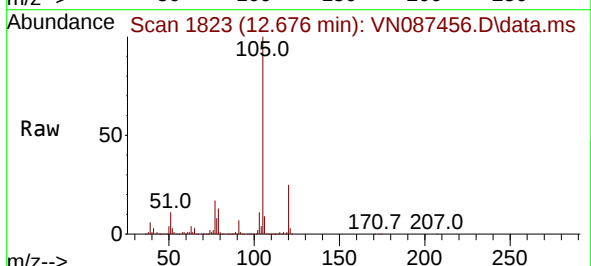
Acq: 05 Aug 2025 15:01

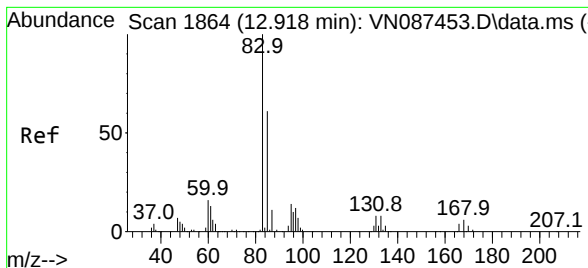
Tgt Ion:105 Resp: 3492470

Ion Ratio Lower Upper

105 100

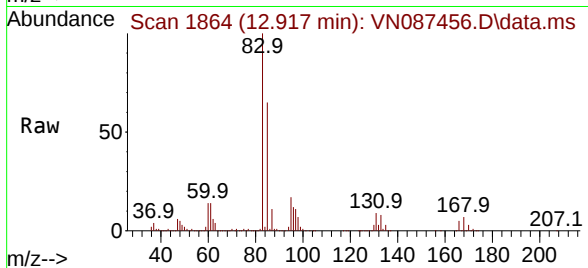
120 25.3 17.5 32.5





#71
1,1,2,2-Tetrachloroethane
Concen: 145.247 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

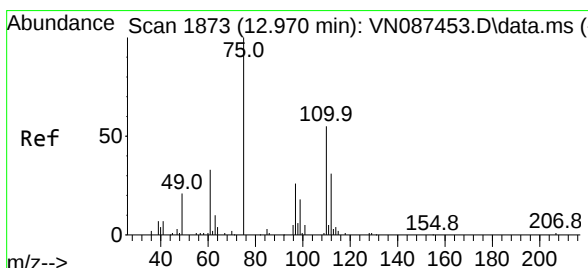
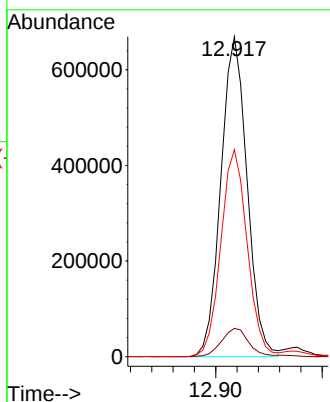
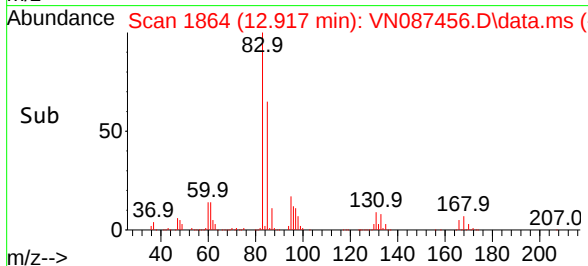
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



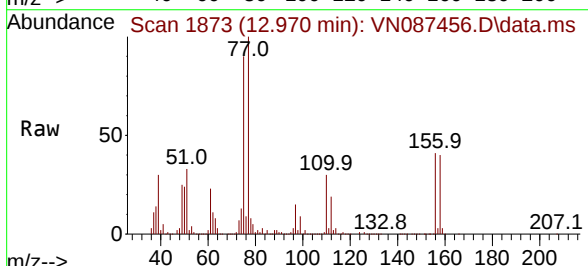
Tgt Ion: 83 Resp: 114504
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.3
85 64.7 31.7 95.1

Manual Integrations
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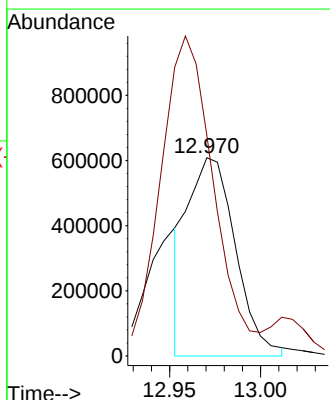
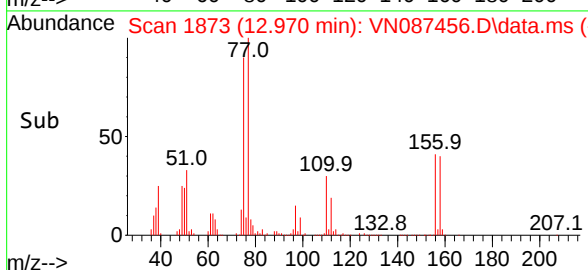
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

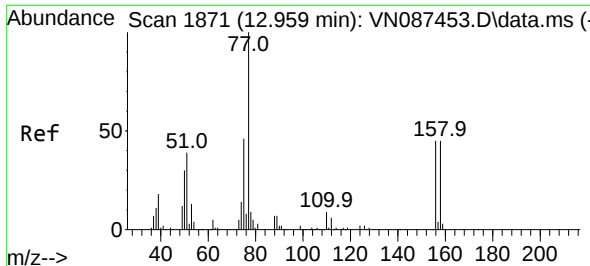


#72
1,2,3-Trichloropropane
Concen: 137.926 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01



Tgt Ion: 75 Resp: 1117688
Ion Ratio Lower Upper
75 100
77 179.2 0.0 385.0





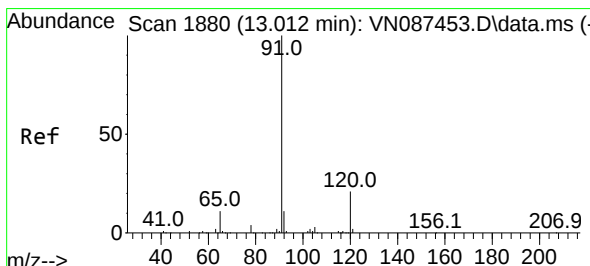
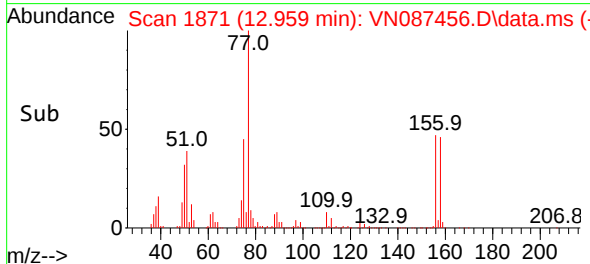
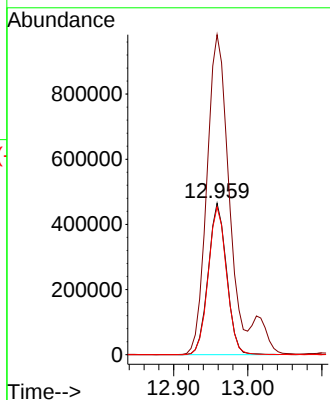
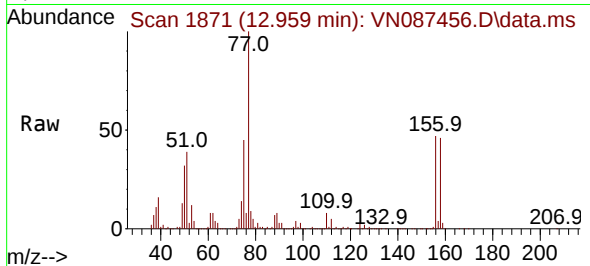
#73
Bromobenzene
Concen: 149.771 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:156 Resp: 79884
Ion Ratio Lower Upper
156 100
77 250.8 0.0 506.6
158 97.8 0.0 193.6

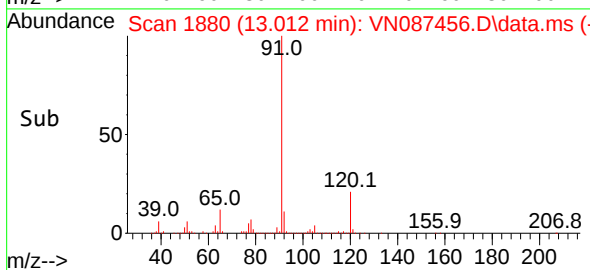
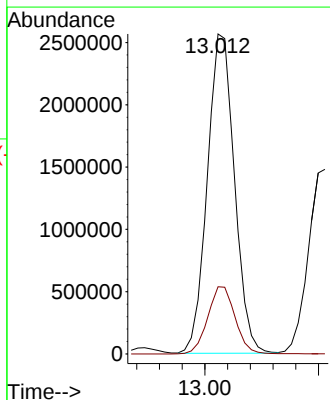
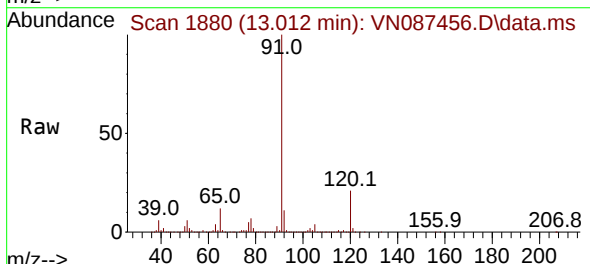
Manual Integrations
APPROVED

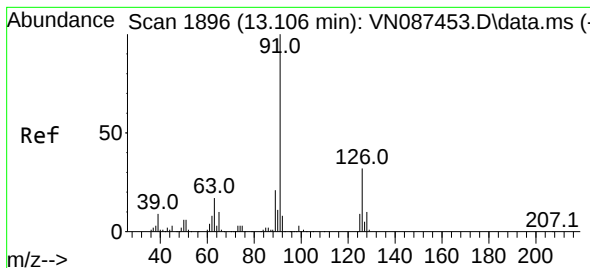
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#74
n-propylbenzene
Concen: 148.316 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Tgt Ion: 91 Resp: 4261831
Ion Ratio Lower Upper
91 100
120 21.1 0.0 41.8





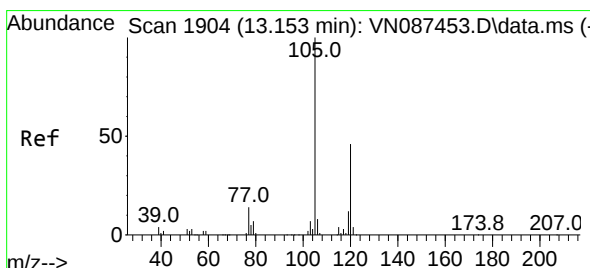
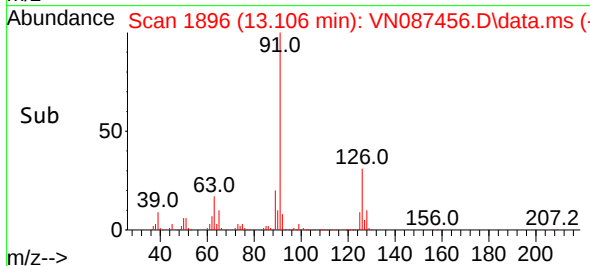
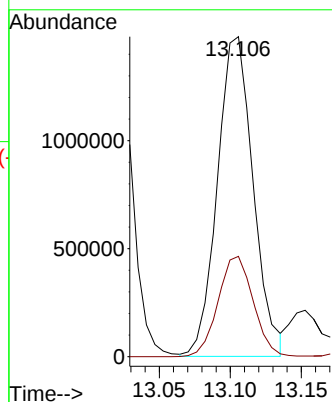
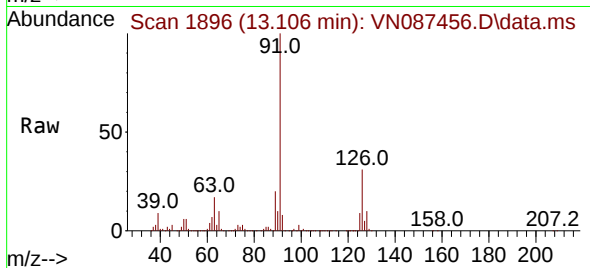
#75
2-Chlorotoluene
Concen: 146.890 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 259635
Ion Ratio Lower Upper
91 100
126 30.8 0.0 60.4

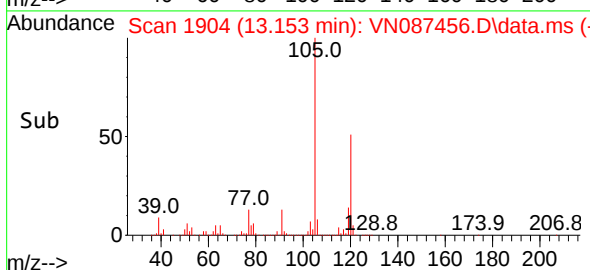
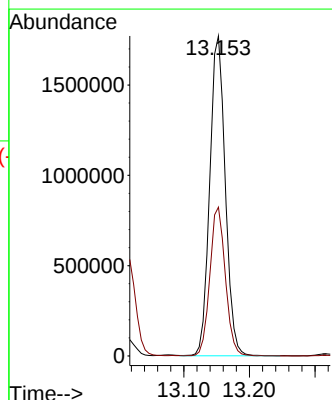
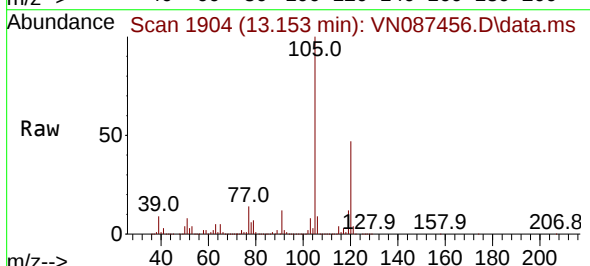
Manual Integrations
APPROVED

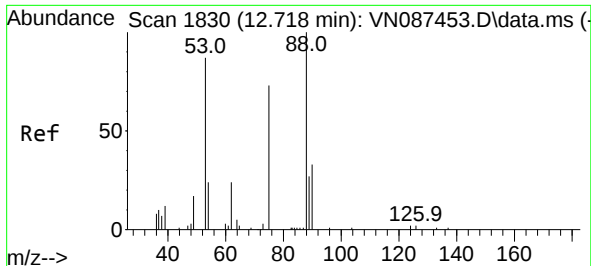
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#76
1,3,5-Trimethylbenzene
Concen: 147.934 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

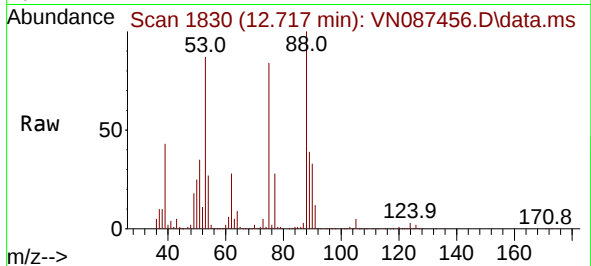
Tgt Ion:105 Resp: 2914301
Ion Ratio Lower Upper
105 100
120 46.5 0.0 91.2





#77
t-1,4-Dichloro-2-butene
Concen: 167.752 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

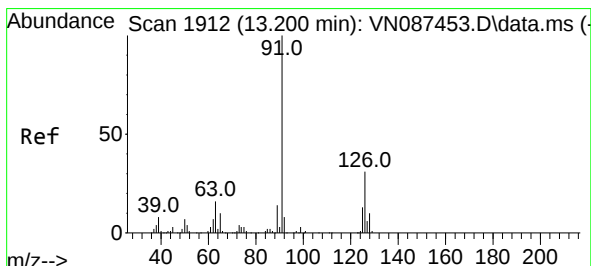
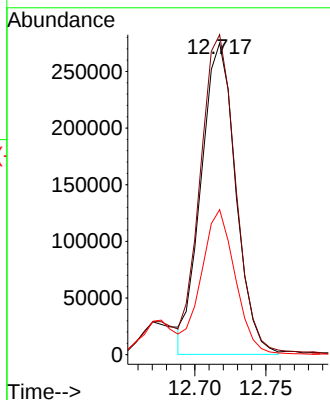
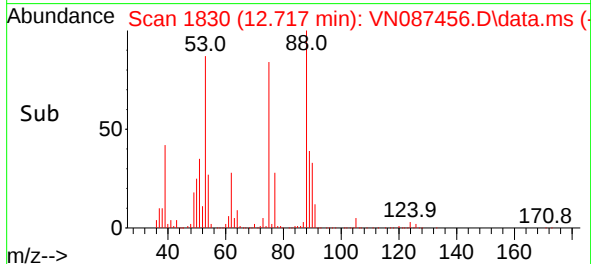
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 466370
Ion Ratio Lower Upper
75 100
53 102.1 59.0 176.8
89 46.4 22.1 66.5

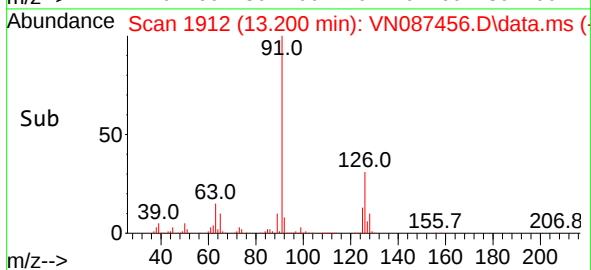
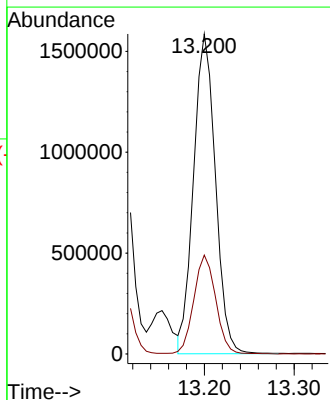
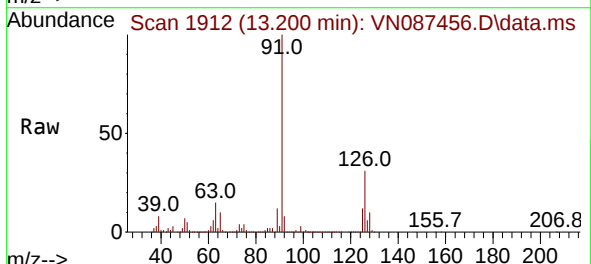
Manual Integrations
APPROVED

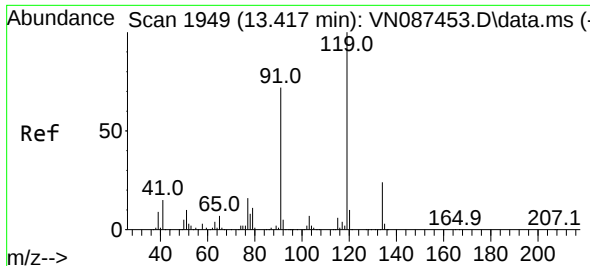
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#78
4-Chlorotoluene
Concen: 149.787 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

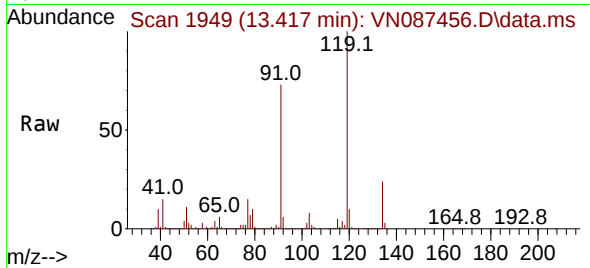
Tgt Ion: 91 Resp: 2683008
Ion Ratio Lower Upper
91 100
126 31.0 0.0 63.2





#79
tert-butylbenzene
Concen: 146.177 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

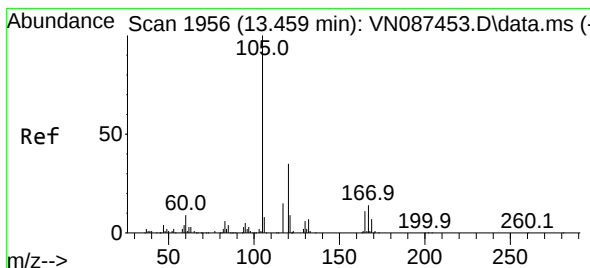
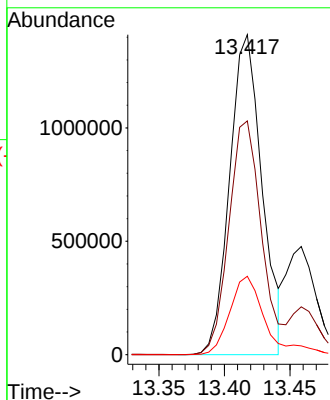
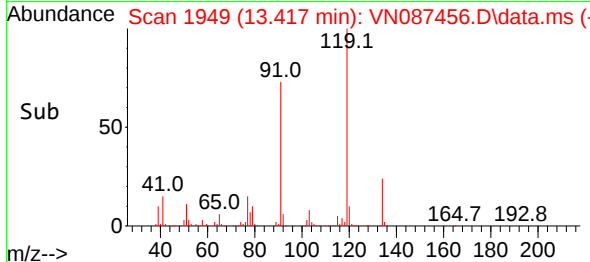
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



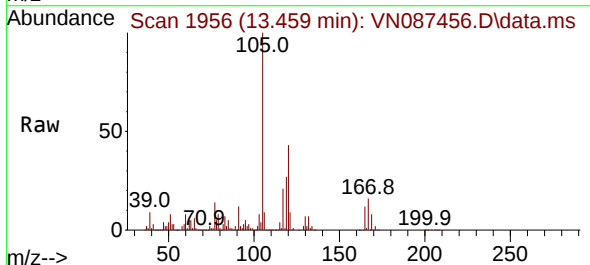
Tgt Ion:119 Resp: 2427930
Ion Ratio Lower Upper
119 100
91 74.1 0.0 141.6
134 24.6 0.0 45.6

Manual Integrations
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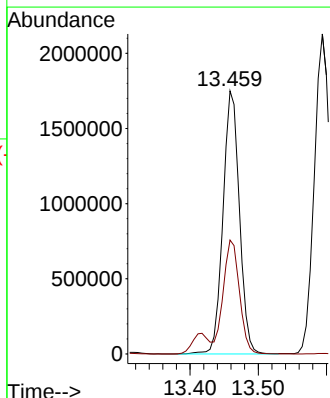
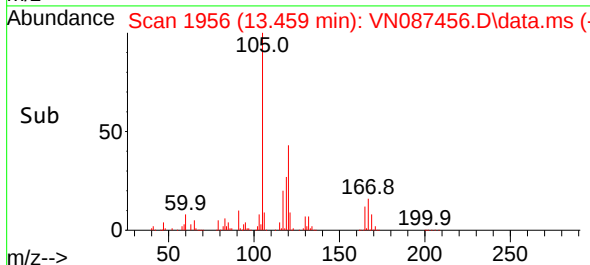
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

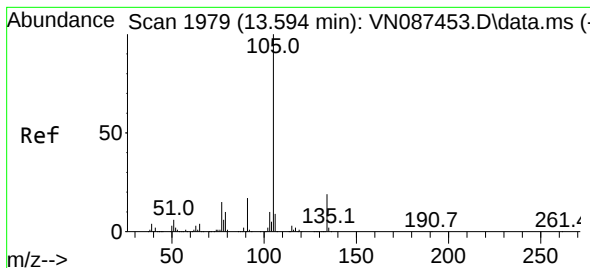


#80
1,2,4-Trimethylbenzene
Concen: 149.164 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01



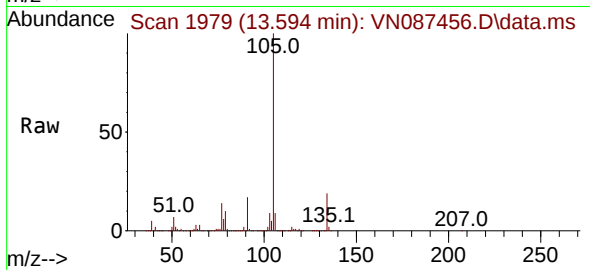
Tgt Ion:105 Resp: 2936296
Ion Ratio Lower Upper
105 100
120 43.2 0.0 87.2





#81
 sec-Butylbenzene
 Concen: 146.583 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087456.D
 Acq: 05 Aug 2025 15:01

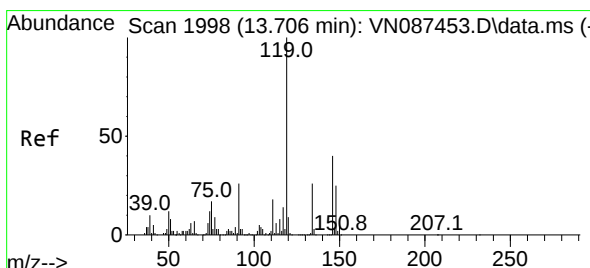
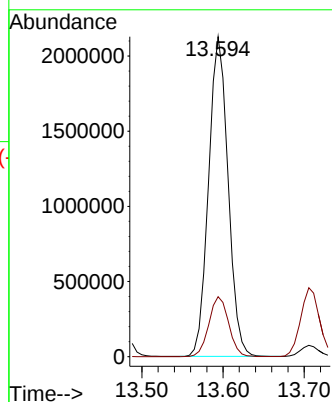
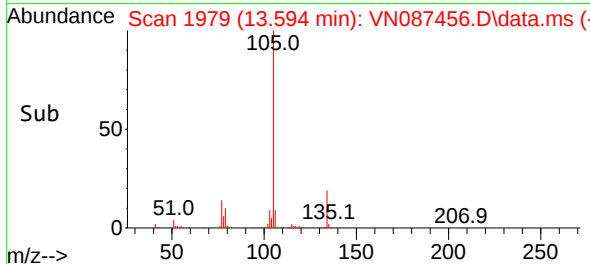
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



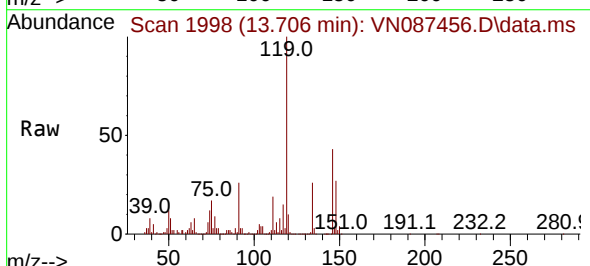
Tgt Ion:105 Resp: 3544404
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 37.6

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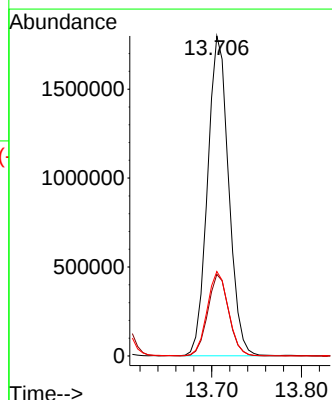
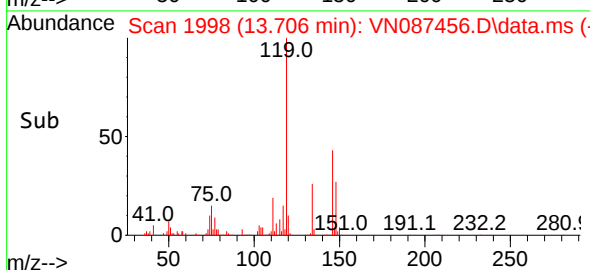
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

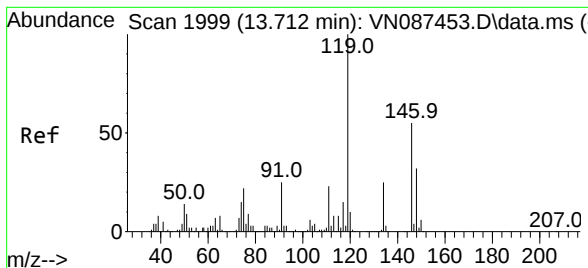


#82
 p-Isopropyltoluene
 Concen: 146.146 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087456.D
 Acq: 05 Aug 2025 15:01



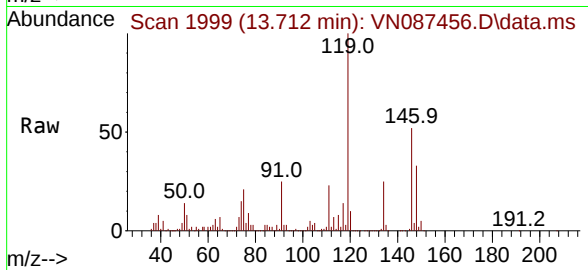
Tgt Ion:119 Resp: 2934141
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.4
 91 26.4 0.0 52.0





#83
1,3-Dichlorobenzene
Concen: 148.523 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

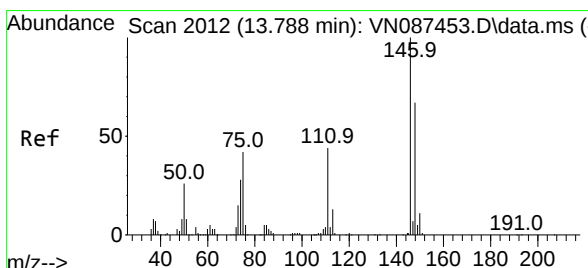
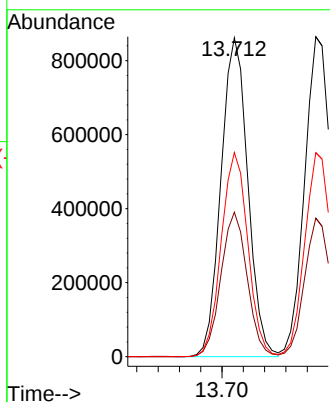
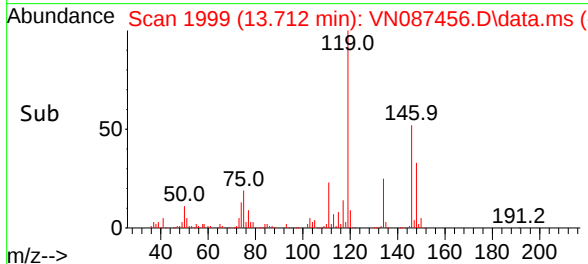
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



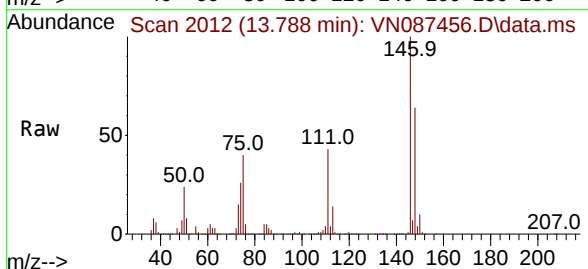
Tgt Ion:146 Resp: 1508514
Ion Ratio Lower Upper
146 100
111 44.4 21.9 65.5
148 63.3 31.3 93.9

Manual Integrations
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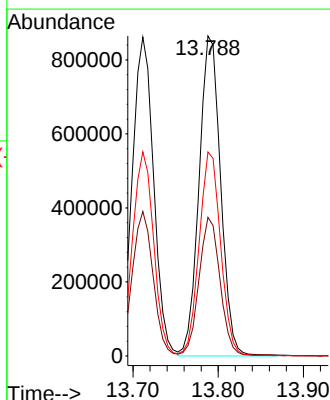
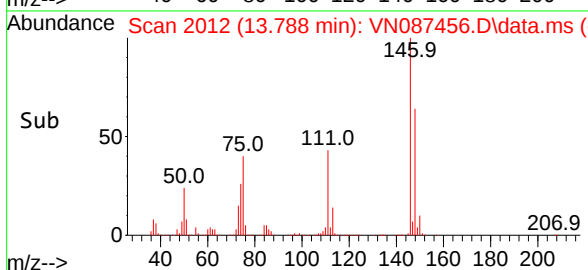
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

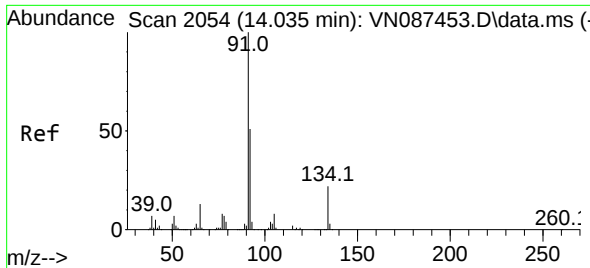


#84
1,4-Dichlorobenzene
Concen: 147.799 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01



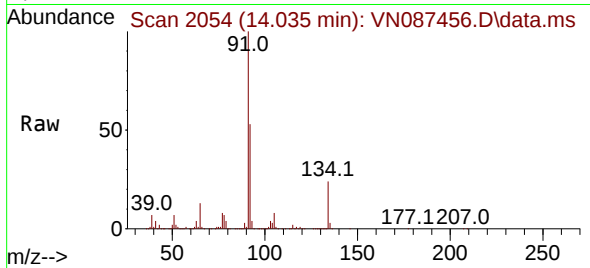
Tgt Ion:146 Resp: 1521926
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.1
148 62.9 31.4 94.3





#85
n-Butylbenzene
Concen: 148.660 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

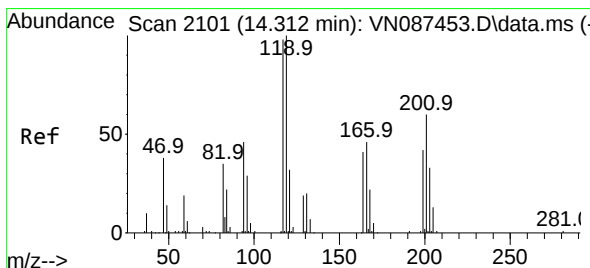
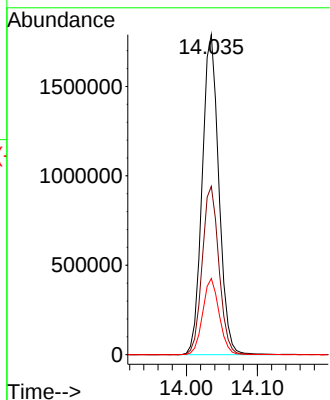
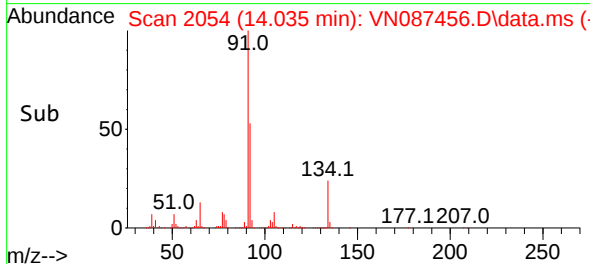
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 2920119
Ion Ratio Lower Upper
91 100
92 52.9 0.0 106.6
134 23.6 0.0 44.4

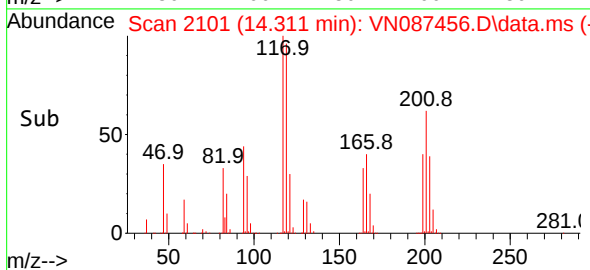
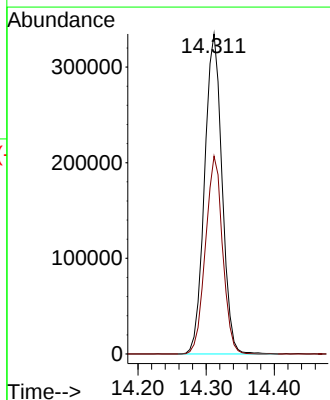
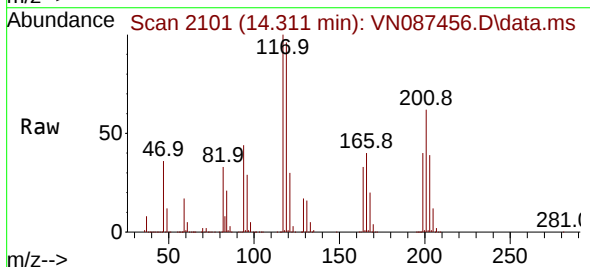
Manual Integrations
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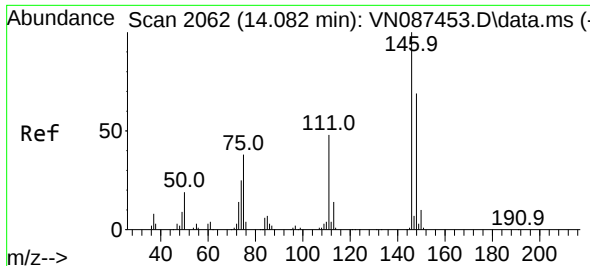
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#86
Hexachloroethane
Concen: 151.982 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

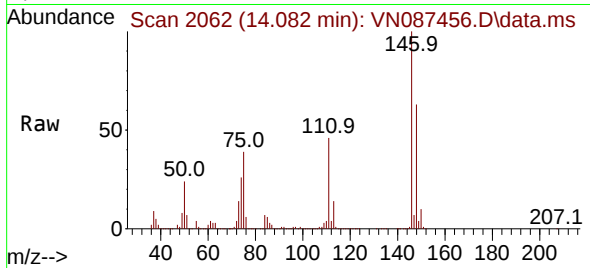
Tgt Ion:117 Resp: 595863
Ion Ratio Lower Upper
117 100
201 60.6 29.1 87.4





#87
 1,2-Dichlorobenzene
 Concen: 149.224 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN087456.D
 Acq: 05 Aug 2025 15:01

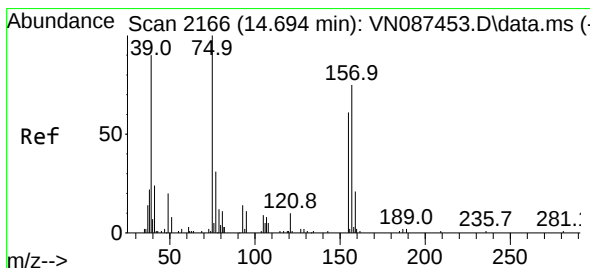
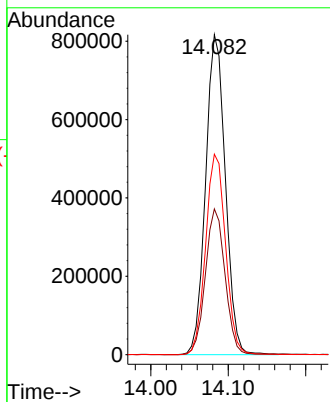
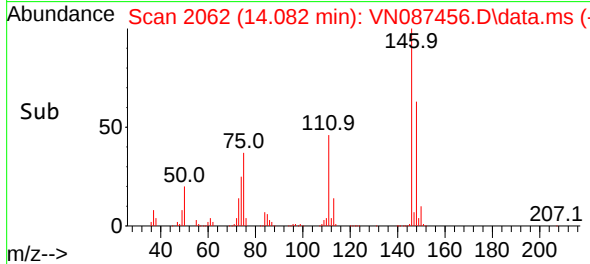
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



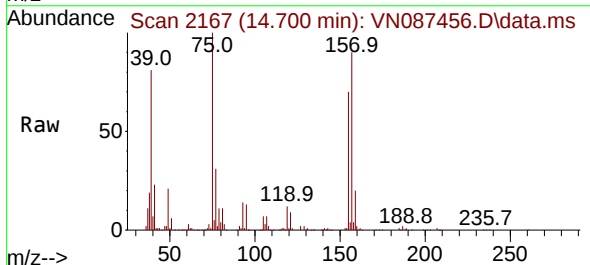
Tgt Ion:146 Resp: 1446749
 Ion Ratio Lower Upper
 146 100
 111 45.3 22.9 68.7
 148 63.3 31.6 94.7

Manual Integrations
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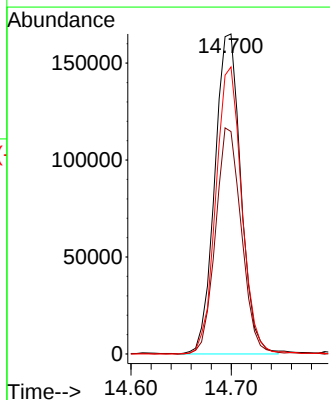
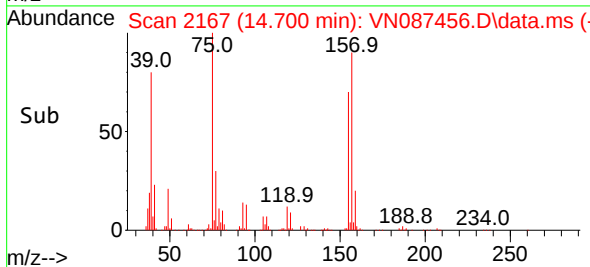
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

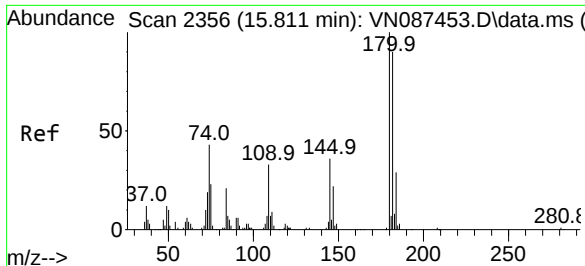


#88
 1,2-Dibromo-3-Chloropropane
 Concen: 149.861 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087456.D
 Acq: 05 Aug 2025 15:01



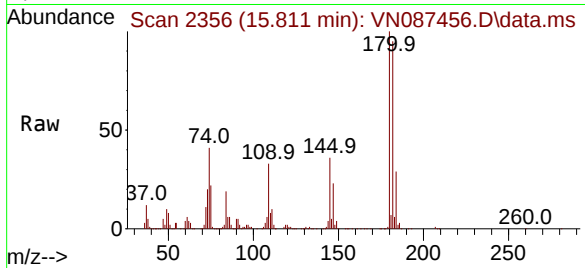
Tgt Ion: 75 Resp: 299287
 Ion Ratio Lower Upper
 75 100
 155 69.9 55.7 83.5
 157 88.5 65.8 98.6





#89
1,2,4-Trichlorobenzene
Concen: 154.184 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01

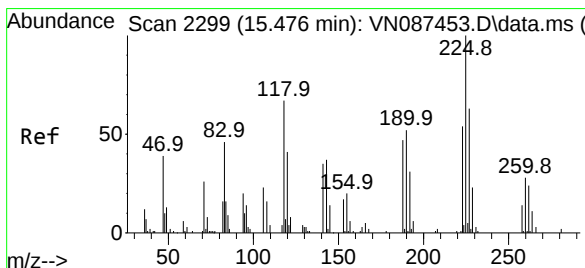
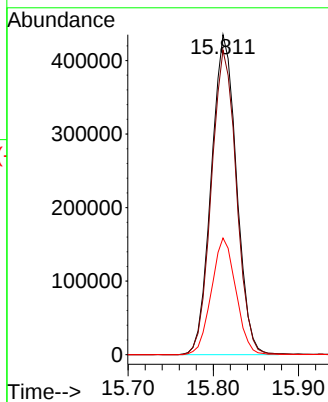
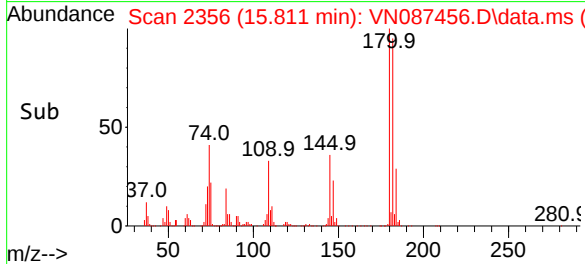
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



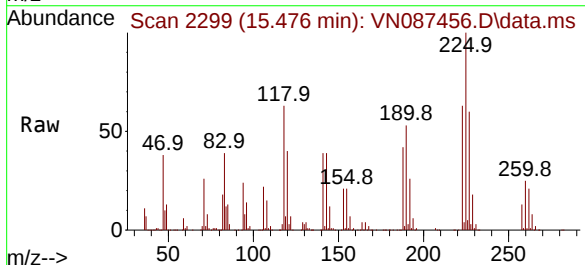
Tgt Ion:180 Resp: 893360
Ion Ratio Lower Upper
180 100
182 94.5 75.0 112.4
145 35.4 28.6 43.0

Manual Integrations
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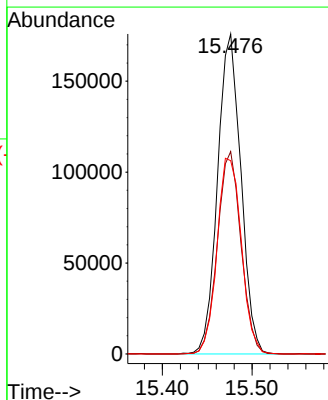
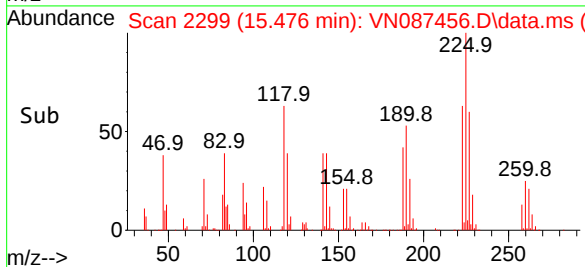
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

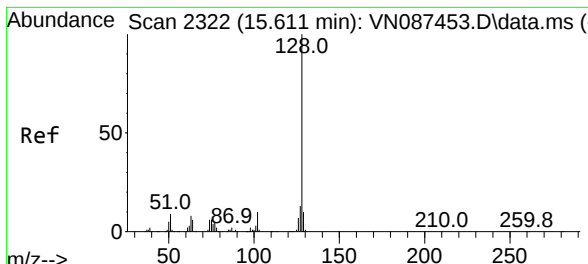


#90
Hexachlorobutadiene
Concen: 141.046 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN087456.D
Acq: 05 Aug 2025 15:01



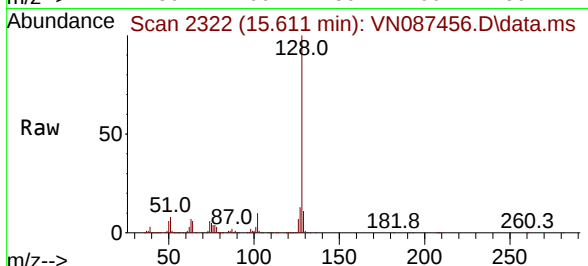
Tgt Ion:225 Resp: 317783
Ion Ratio Lower Upper
225 100
223 63.8 0.0 116.0
227 63.9 0.0 127.0





#91
 Naphthalene
 Concen: 155.335 ug/l
 RT: 15.611 min Scan# 2322
 Delta R.T. -0.000 min
 Lab File: VN087456.D
 Acq: 05 Aug 2025 15:01

Instrument : MSVOA_N
 ClientSampleId : VSTDIC150

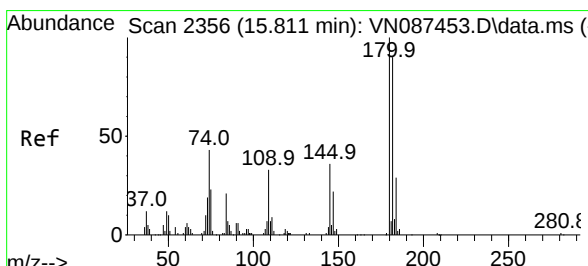
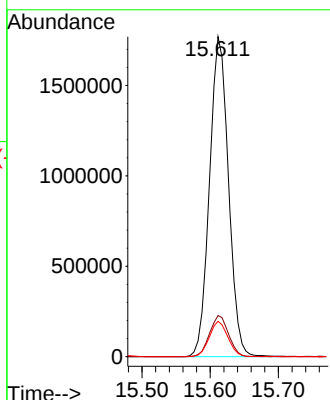
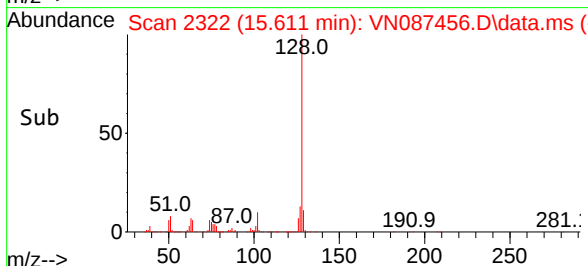


Tgt Ion:128 Resp: 3431814

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.9	8.9	13.3

Manual Integrations
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Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#92
 1,2,3-Trichlorobenzene
 Concen: 154.184 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. -0.000 min
 Lab File: VN087456.D
 Acq: 05 Aug 2025 15:01

Tgt Ion:180 Resp: 893366

Ion	Ratio	Lower	Upper
180	100		
182	94.5	0.0	187.4
145	35.4	0.0	71.6

