

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087165.D
 Acq On : 25 Jun 2025 10:03
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2025
 Supervised By : Mahesh Dadoda 06/26/2025

Quant Time: Jun 25 10:45:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:38:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	35618	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	201156	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	183622	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	79655	32.549	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.500%			
60) 4-Bromofluorobenzene	12.847	95	89811	31.153	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 103.833%			
63) Toluene-d8	10.570	98	240658	28.555	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.167%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	209048	86.416	ug/l	98
3) Chloromethane	2.395	50	219144	70.260	ug/l	99
4) Vinyl Chloride	2.553	62	231029	80.487	ug/l	96
5) Bromomethane	2.977	94	121155	79.663	ug/l	96
6) Chloroethane	3.147	64	127025	72.354	ug/l	96
7) Trichlorofluoromethane	3.524	101	284892	84.743	ug/l	99
8) Diethyl Ether	3.983	74	144856	103.296	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.394	101	211983	102.887	ug/l #	89
10) 1,1-Dichloroethene	4.359	96	210381	100.157	ug/l	99
11) Methyl Iodide	4.612	142	223592	90.298	ug/l	94
12) Methyl Acetate	5.047	43	342955	147.018	ug/l	99
13) Acrolein	4.194	56	269423	1117.997	ug/l	98
14) Acrylonitrile	5.736	53	792103	729.677	ug/l	99
15) Acetone	4.447	58	221668	806.489	ug/l	88
16) Carbon Disulfide	4.736	76	599738	97.812	ug/l	99
17) Allyl chloride	5.047	41	352481	112.956	ug/l	96
18) Methylene Chloride	5.294	84	240448	98.570	ug/l	98
19) trans-1,2-Dichloroethene	5.806	96	227436	103.465	ug/l	98
20) Diisopropyl ether	6.688	45	754179	109.737	ug/l	96
21) 1,1-Dichloroethane	6.583	63	433300	104.470	ug/l	99
22) cis-1,2-Dichloroethene	7.500	96	269357	101.185	ug/l	98
23) tert-Butyl Alcohol	5.547	59	300461	861.903	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	760825	109.903	ug/l	98
25) Chloroform	7.977	83	423559	104.336	ug/l	98
26) Cyclohexane	8.265	56	380867	106.100	ug/l #	97
29) 1,1-Dichloropropene	8.377	75	308919	104.450	ug/l	100
30) 2-Butanone	7.494	43	1060369	818.271	ug/l	99
31) 2,2-Dichloropropane	7.500	77	360566	103.280	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	351600	102.554	ug/l	99
33) Carbon Tetrachloride	8.371	117	300004	102.367	ug/l	98
34) Benzene	8.612	78	974806	101.298	ug/l	96
35) Methacrylonitrile	7.788	41	210741	141.572	ug/l	93
36) 1,2-Dichloroethane	8.677	62	306293	108.618	ug/l	98
37) Trichloroethene	9.359	130	225493	84.478	ug/l	91
38) Methylcyclohexane	9.606	83	369519	112.606	ug/l	97
39) 1,2-Dichloropropane	9.624	63	243095	104.928	ug/l	96
40) Dibromomethane	9.712	93	165326	109.106	ug/l	98
41) Bromodichloromethane	9.888	83	324962	102.452	ug/l	99
42) Vinyl Acetate	6.618	43	3371109	892.461	ug/l	98

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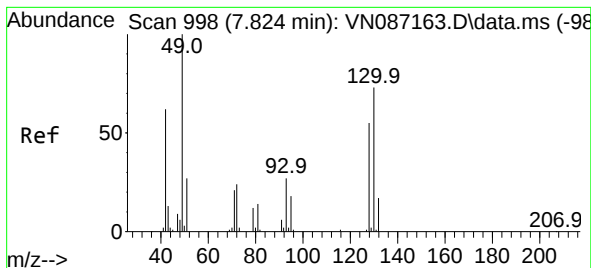
Manual Integrations
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Quant Time: Jun 25 10:45:11 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	382364	144.198	ug/l	97
44) Isopropyl Acetate	8.694	43	615849	135.389	ug/l	97
45) 1,4-Dioxane	9.706	88	88061	2178.117	ug/l #	94
46) Methyl methacrylate	9.682	41	289659	138.103	ug/l	98
47) n-amyl Acetate	12.506	43	386267	105.776	ug/l #	100
48) t-1,3-Dichloropropene	10.835	75	371754	109.526	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	392118	105.031	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	222928	104.457	ug/l	98
51) Ethyl methacrylate	10.876	69	387380	112.077	ug/l	99
52) 1,3-Dichloropropane	11.165	76	388131	102.479	ug/l	99
53) Dibromochloromethane	11.359	129	243297	100.883	ug/l	98
54) 1,2-Dibromoethane	11.470	107	239775	109.913	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	1069566	644.669	ug/l	99
56) Bromoform	12.576	173	172827	113.736	ug/l	100
58) 4-Methyl-2-Pentanone	10.447	43	1927138	715.253	ug/l	100
59) 2-Hexanone	11.200	43	1309927	678.728	ug/l	98
61) Tetrachloroethene	11.106	164	172205	55.791	ug/l	96
62) Toluene	10.629	91	1005355	97.215	ug/l	99
64) Chlorobenzene	11.894	112	655778	99.433	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	216474	99.911	ug/l	98
66) Ethyl Benzene	11.965	91	1162597	103.936	ug/l	99
67) m/p-Xylenes	12.070	106	898830	204.771	ug/l	99
68) o-Xylene	12.394	106	432376	101.641	ug/l	99
69) Styrene	12.412	104	742364	104.745	ug/l	99
70) Isopropylbenzene	12.694	105	1079915	106.734	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	370997	154.224	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	313625m	111.241	ug/l	
73) Bromobenzene	12.976	156	255120	101.447	ug/l	98
74) n-propylbenzene	13.035	91	1337231	111.580	ug/l	98
75) 2-Chlorotoluene	13.123	91	795441	103.407	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	897353	106.611	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	154353	133.783	ug/l	91
78) 4-Chlorotoluene	13.217	91	819288	107.520	ug/l	100
79) tert-butylbenzene	13.435	119	765014	105.123	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	903551	106.945	ug/l	99
81) sec-Butylbenzene	13.611	105	1098188	110.769	ug/l	99
82) p-Isopropyltoluene	13.729	119	929641	111.672	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	504027	109.250	ug/l	100
84) 1,4-Dichlorobenzene	13.811	146	503947	109.765	ug/l	99
85) n-Butylbenzene	14.053	91	837235	120.131	ug/l	98
86) Hexachloroethane	14.329	117	169893	119.744	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	478012	107.409	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	86628	171.007	ug/l	92
89) 1,2,4-Trichlorobenzene	15.835	180	274932	147.614	ug/l	98
90) Hexachlorobutadiene	15.500	225	78874	98.806	ug/l	97
91) Naphthalene	15.635	128	1105491	170.116	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	274932	147.614	ug/l	98

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



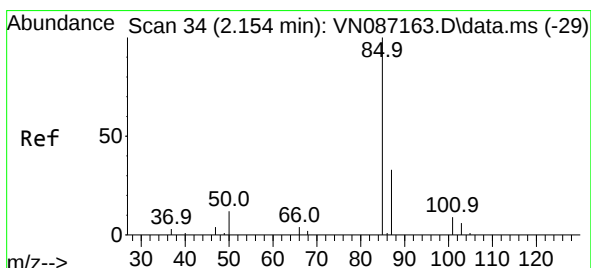
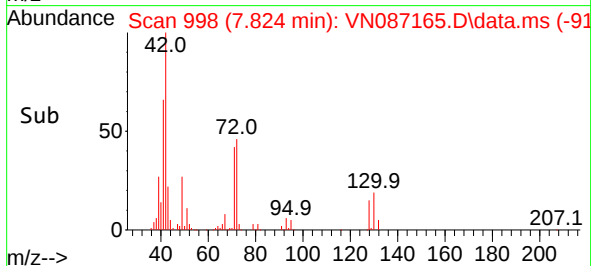
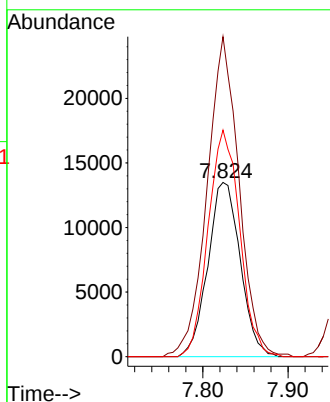
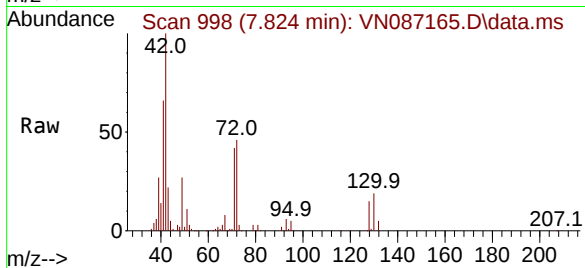
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 35618
Ion Ratio Lower Upper
128 100
49 180.9 0.0 450.5
130 127.1 0.0 320.7

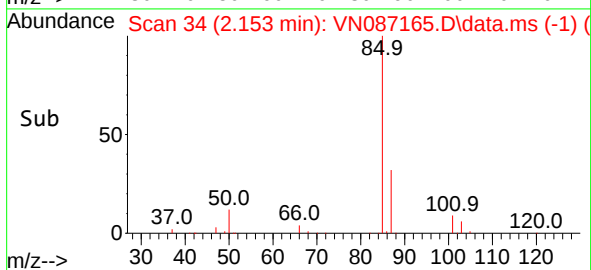
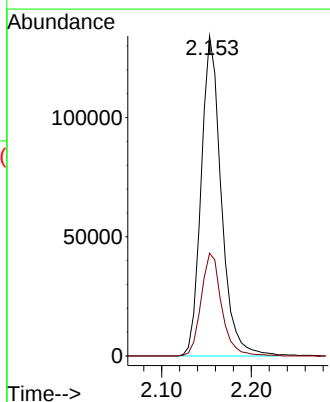
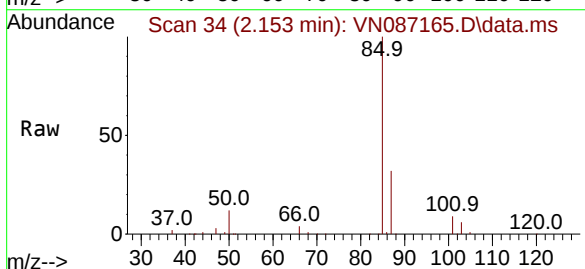
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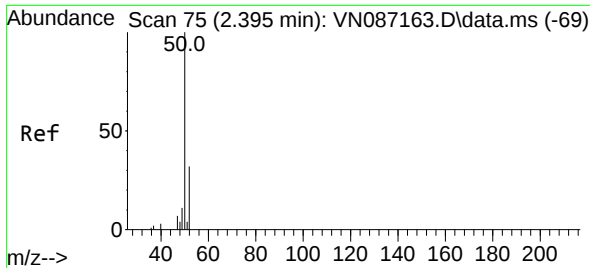
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#2
Dichlorodifluoromethane
Concen: 86.416 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

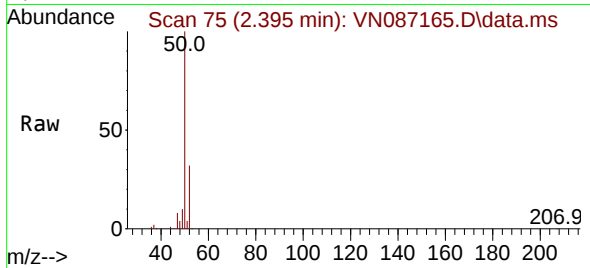
Tgt Ion: 85 Resp: 209048
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.0





#3
Chloromethane
Concen: 70.260 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

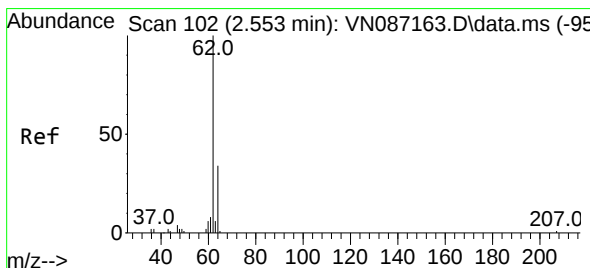
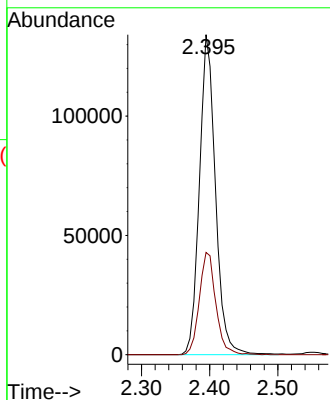
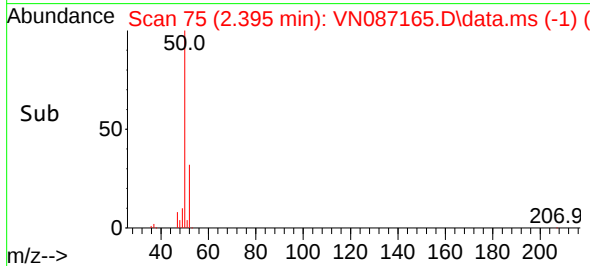
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 219144
Ion Ratio Lower Upper
50 100
52 32.0 25.9 38.9

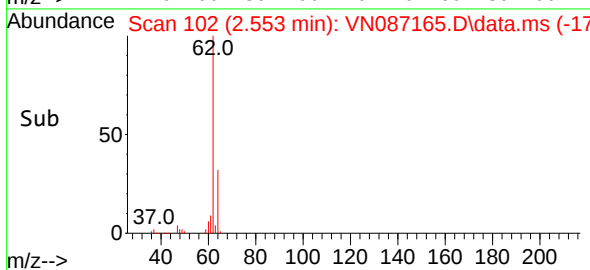
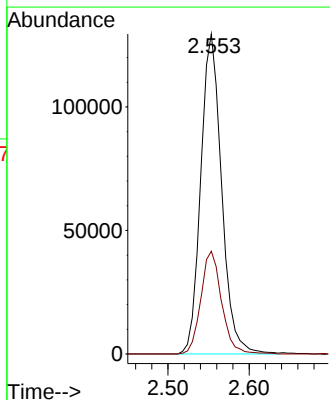
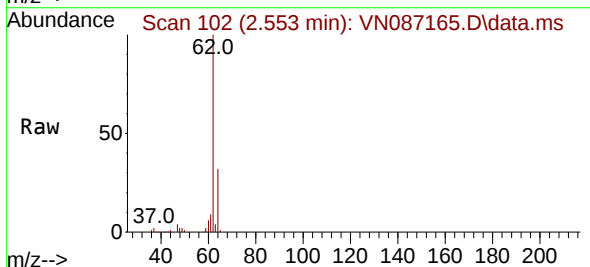
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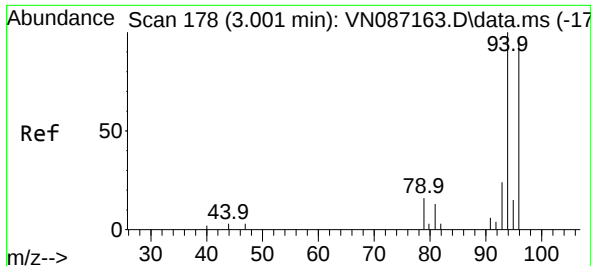
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#4
Vinyl Chloride
Concen: 80.487 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

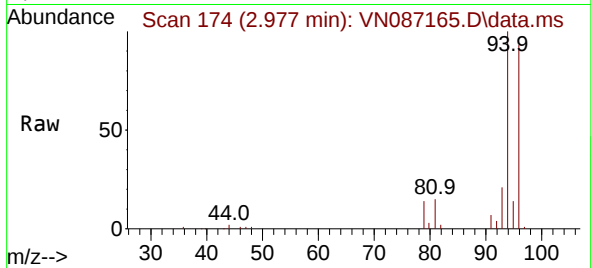
Tgt Ion: 62 Resp: 231029
Ion Ratio Lower Upper
62 100
64 32.1 27.4 41.2





#5
Bromomethane
Concen: 79.663 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

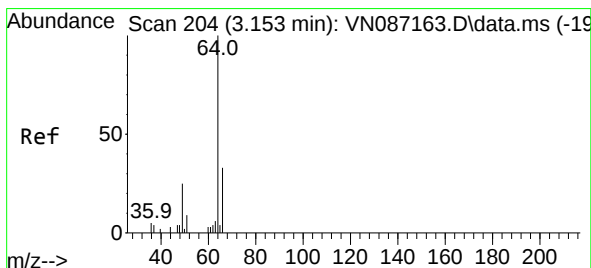
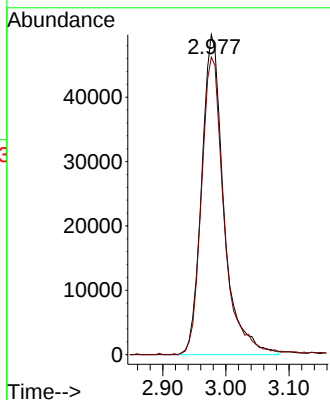
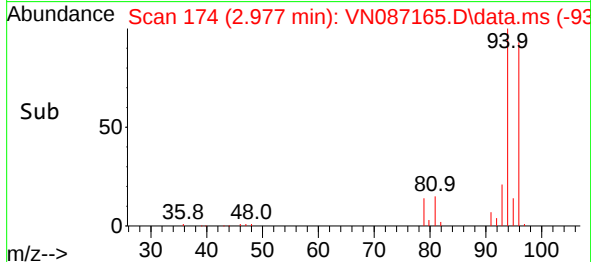
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 94 Resp: 12115
Ion Ratio Lower Upper
94 100
96 93.0 77.9 116.9

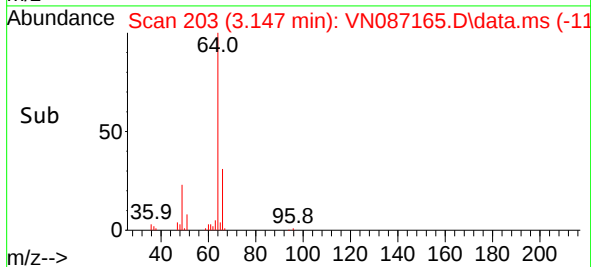
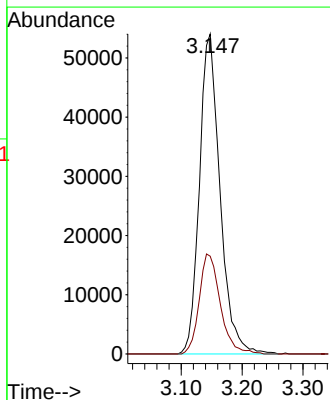
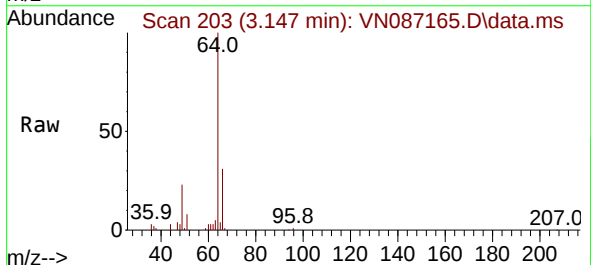
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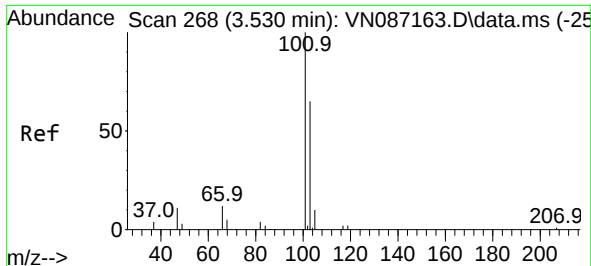
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#6
Chloroethane
Concen: 72.354 ug/l
RT: 3.147 min Scan# 203
Delta R.T. -0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

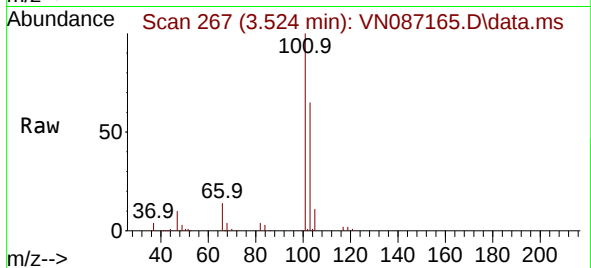
Tgt Ion: 64 Resp: 127025
Ion Ratio Lower Upper
64 100
66 30.5 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 84.743 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. -0.006 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

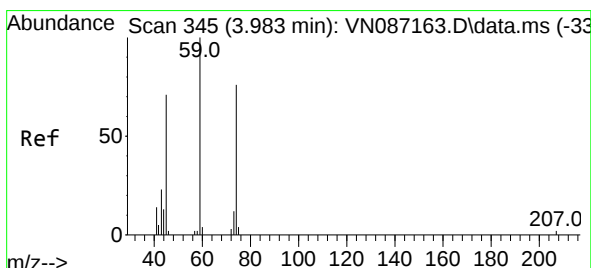
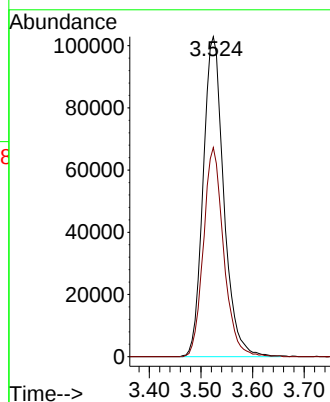
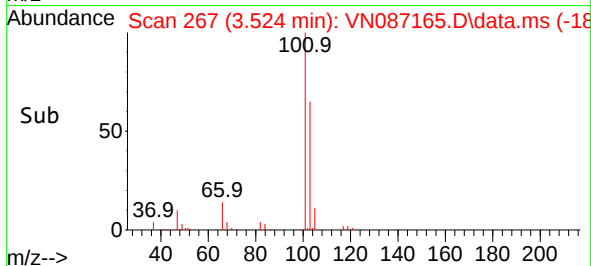
Instrument :
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Tgt Ion:101 Resp: 284892
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.8 77.8

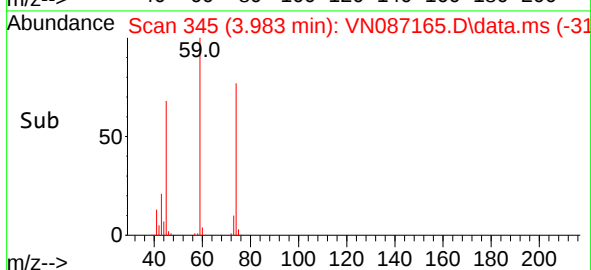
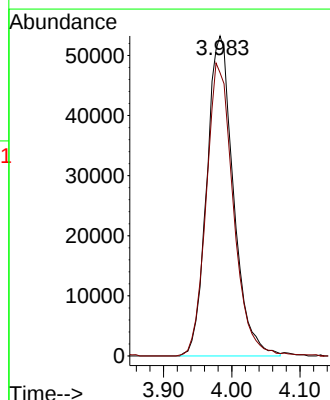
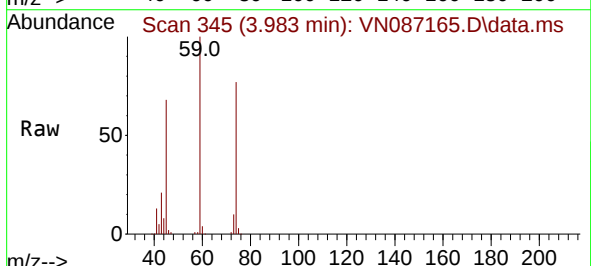
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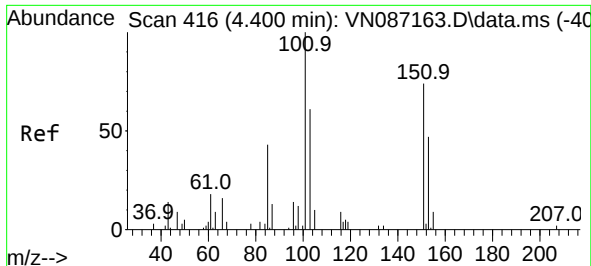
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025



#8
 Diethyl Ether
 Concen: 103.296 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

Tgt Ion: 74 Resp: 144856
 Ion Ratio Lower Upper
 74 100
 45 92.6 19.0 171.0





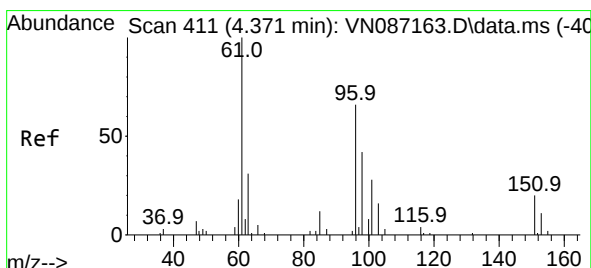
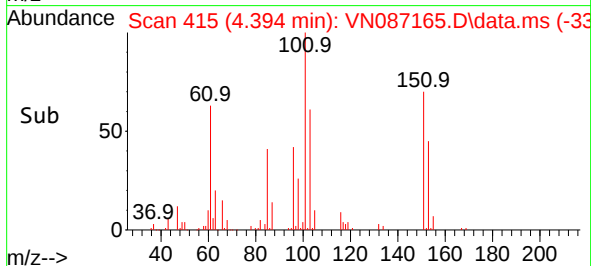
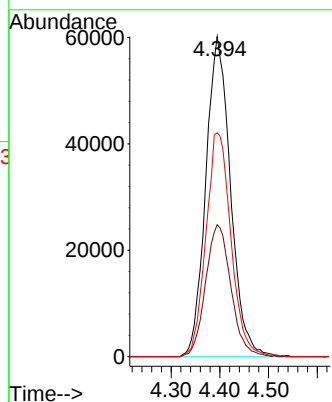
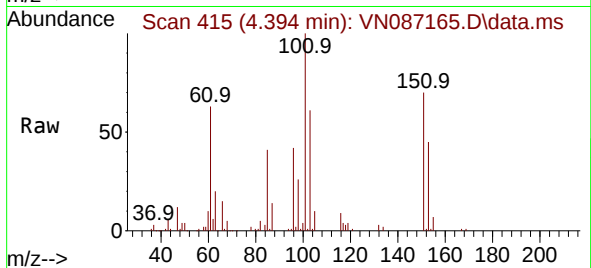
#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.887 ug/l
RT: 4.394 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 21198
Ion Ratio Lower Upper
101 100
85 42.2 0.0 40.6
151 70.9 0.0 141.2

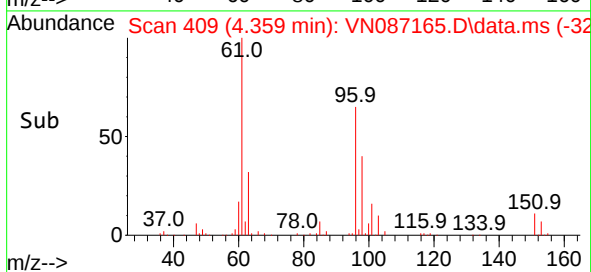
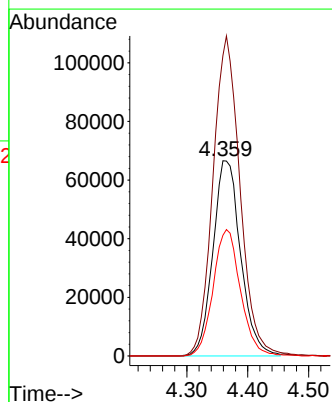
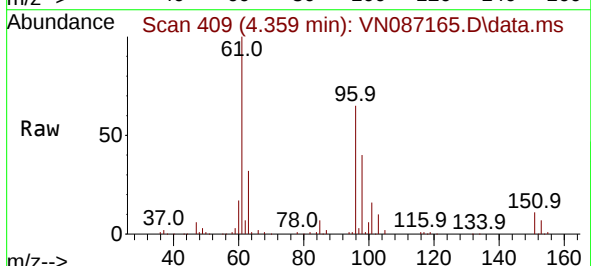
Manual Integrations
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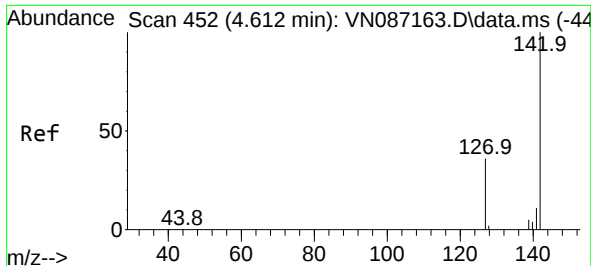
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#10
1,1-Dichloroethene
Concen: 100.157 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

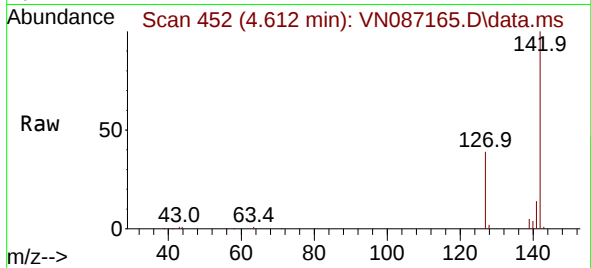
Tgt Ion: 96 Resp: 210381
Ion Ratio Lower Upper
96 100
61 153.8 122.0 183.0
98 61.8 50.3 75.5





#11
Methyl Iodide
Concen: 90.298 ug/l
RT: 4.612 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

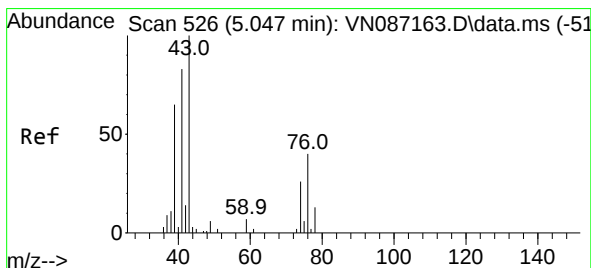
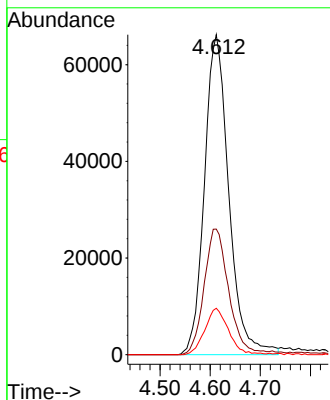
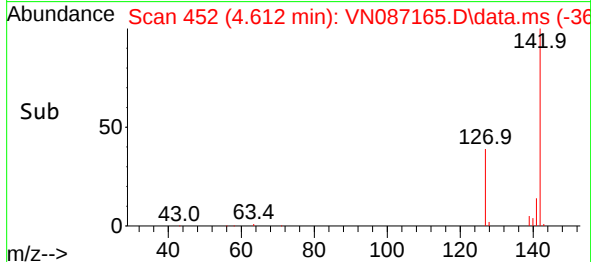
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC100



Tgt Ion:142 Resp: 223592
Ion Ratio Lower Upper
142 100
127 39.2 18.1 54.1
141 14.4 5.7 17.1

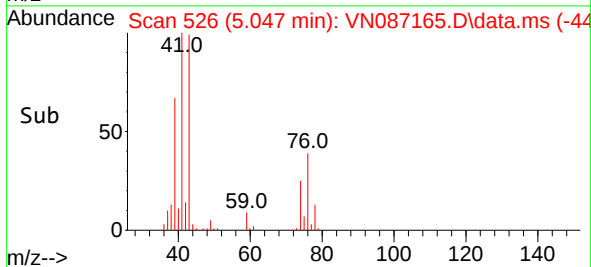
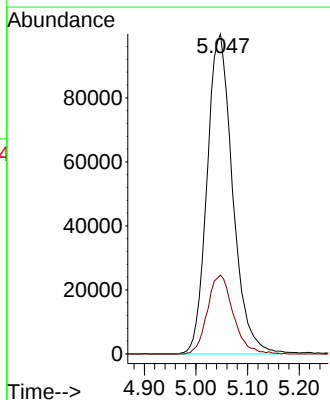
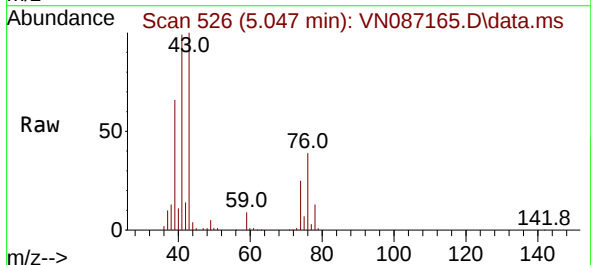
Manual Integrations
APPROVED

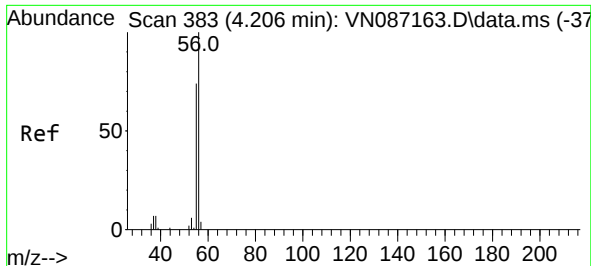
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#12
Methyl Acetate
Concen: 147.018 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

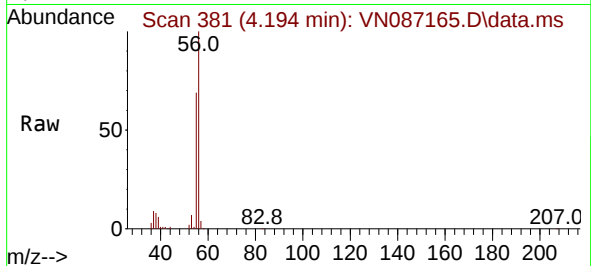
Tgt Ion: 43 Resp: 342955
Ion Ratio Lower Upper
43 100
74 24.7 20.3 30.5





#13
Acrolein
Concen: 1117.997 ug/l
RT: 4.194 min Scan# 381
Delta R.T. -0.012 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

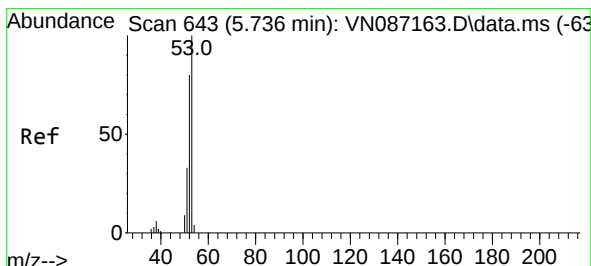
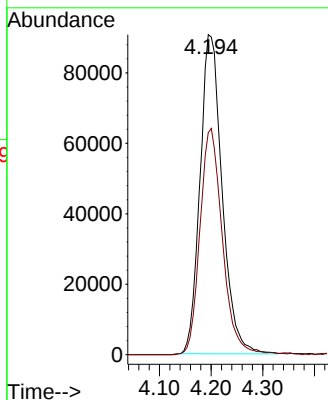
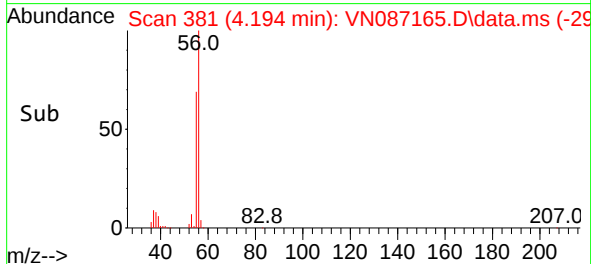
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 26942
Ion Ratio Lower Upper
56 100
55 71.4 55.7 83.5

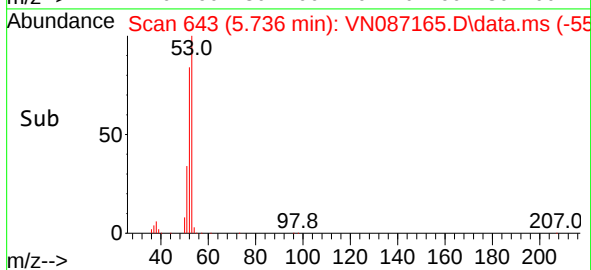
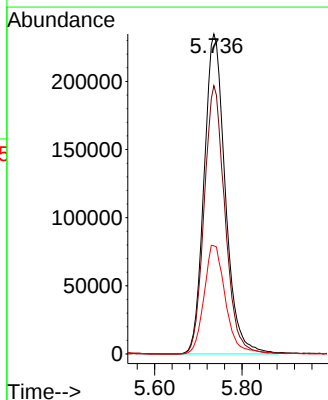
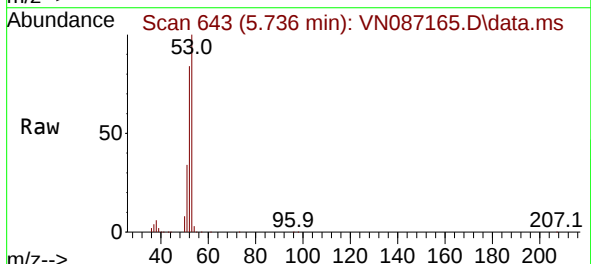
Manual Integrations
APPROVED

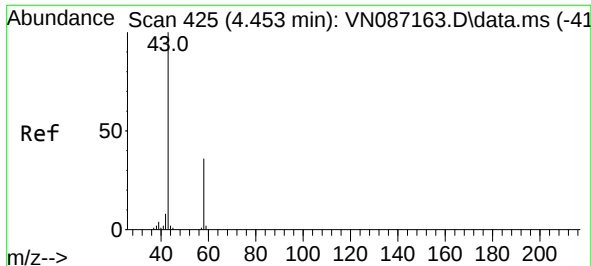
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#14
Acrylonitrile
Concen: 729.677 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

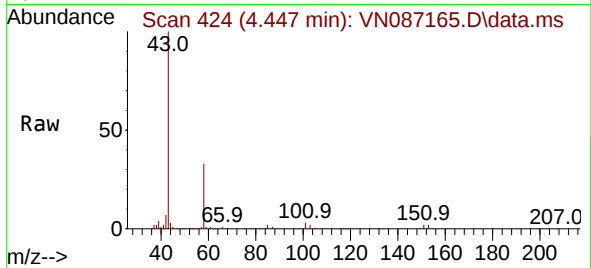
Tgt Ion: 53 Resp: 792103
Ion Ratio Lower Upper
53 100
52 82.0 40.5 121.5
51 34.4 16.9 50.7





#15
Acetone
Concen: 806.489 ug/l
RT: 4.447 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

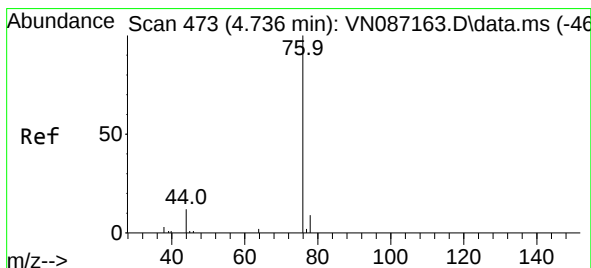
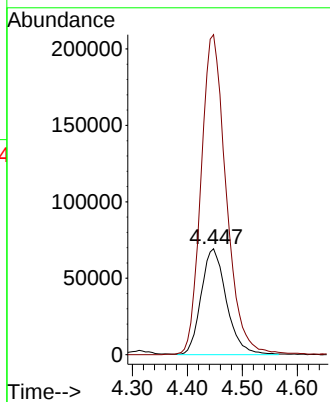
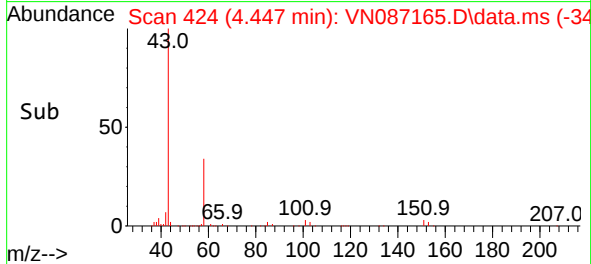
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 58 Resp: 221668
Ion Ratio Lower Upper
58 100
43 302.4 224.3 336.5

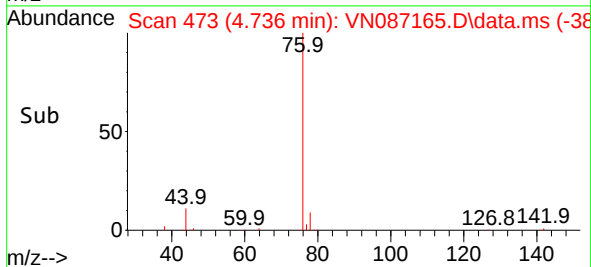
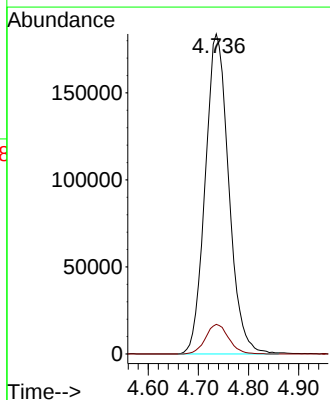
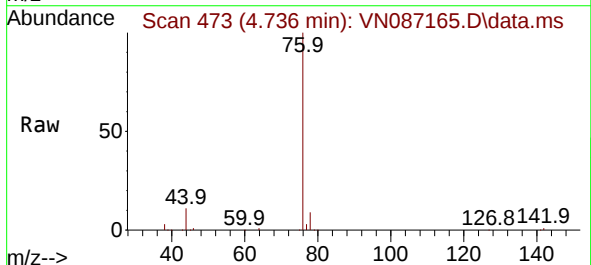
Manual Integrations
APPROVED

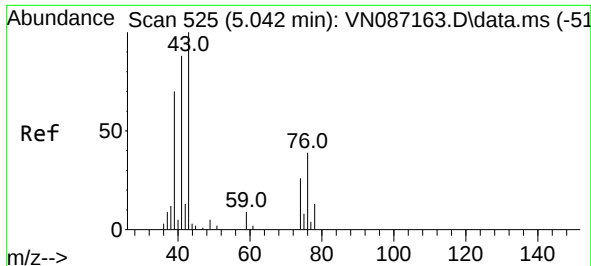
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#16
Carbon Disulfide
Concen: 97.812 ug/l
RT: 4.736 min Scan# 473
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

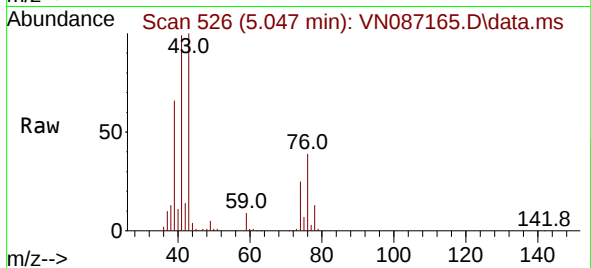
Tgt Ion: 76 Resp: 599738
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8





#17
 Allyl chloride
 Concen: 112.956 ug/l
 RT: 5.047 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

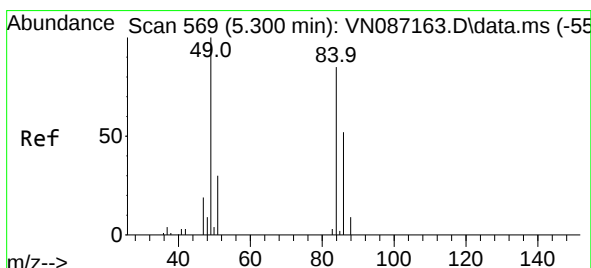
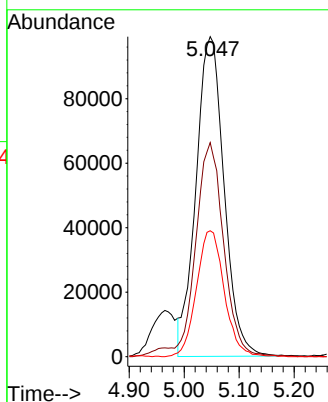
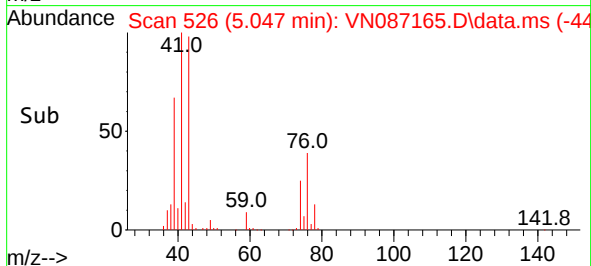
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



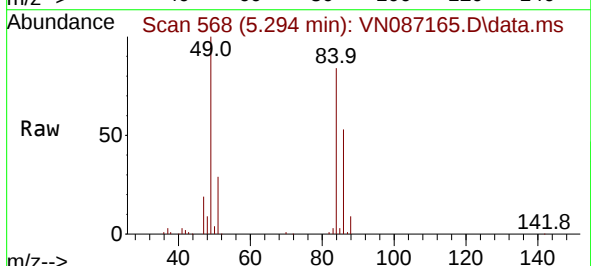
Tgt Ion: 41 Resp: 35248
 Ion Ratio Lower Upper
 41 100
 39 67.0 36.0 108.0
 76 39.3 19.5 58.5

Manual Integrations
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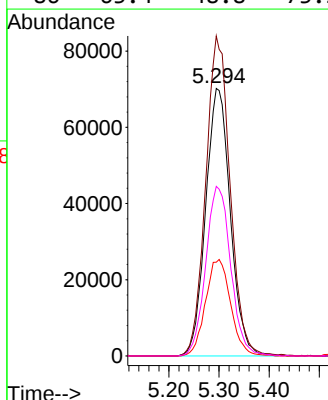
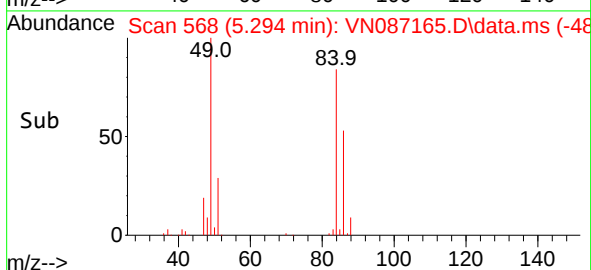
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025

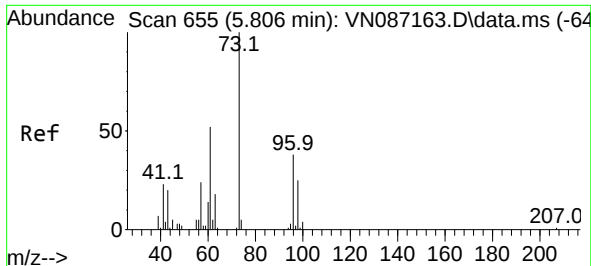


#18
 Methylene Chloride
 Concen: 98.570 ug/l
 RT: 5.294 min Scan# 568
 Delta R.T. -0.006 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03



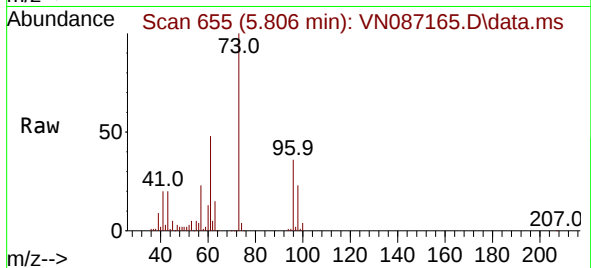
Tgt Ion: 84 Resp: 240448
 Ion Ratio Lower Upper
 84 100
 49 119.6 94.0 141.0
 51 35.1 28.3 42.5
 86 63.4 48.8 73.2





#19
trans-1,2-Dichloroethene
Concen: 103.465 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

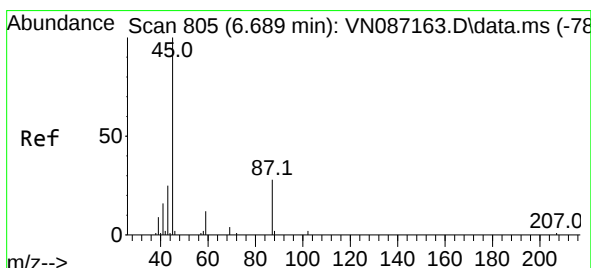
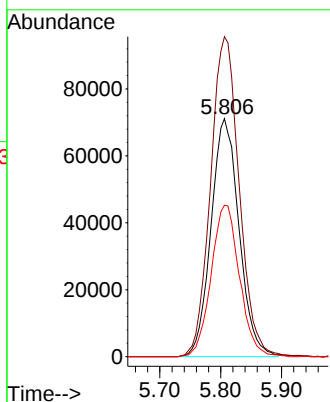
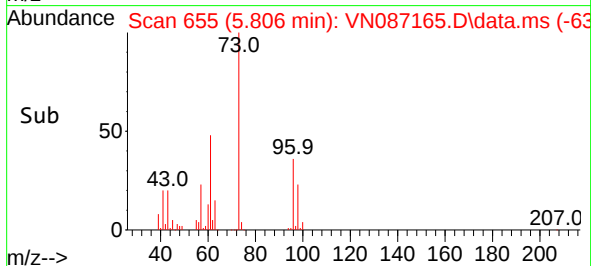
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 227430
Ion Ratio Lower Upper
96 100
61 134.4 110.3 165.5
98 63.6 51.6 77.4

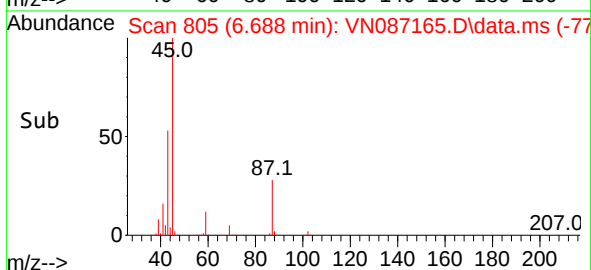
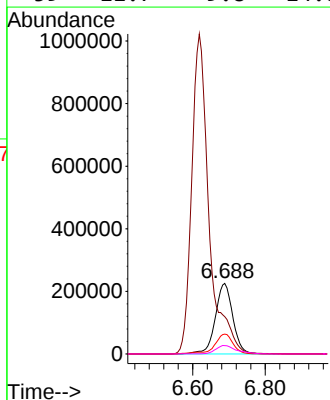
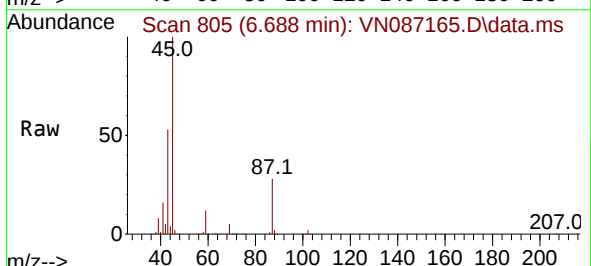
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#20
Diisopropyl ether
Concen: 109.737 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

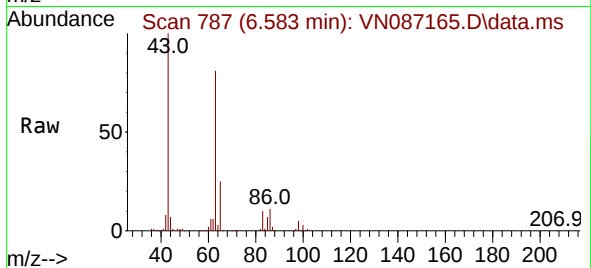
Tgt Ion: 45 Resp: 754179
Ion Ratio Lower Upper
45 100
43 52.4 45.3 67.9
87 28.1 22.6 33.8
59 11.7 9.8 14.8





#21
1,1-Dichloroethane
Concen: 104.470 ug/l
RT: 6.583 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

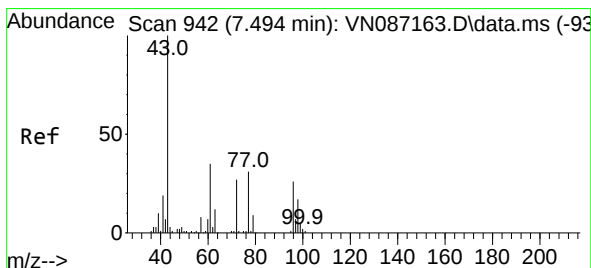
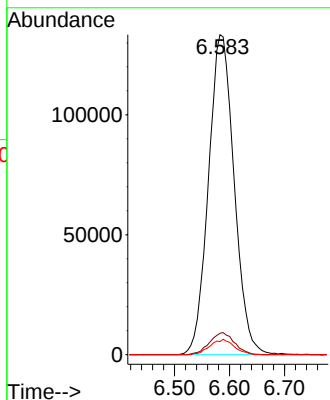
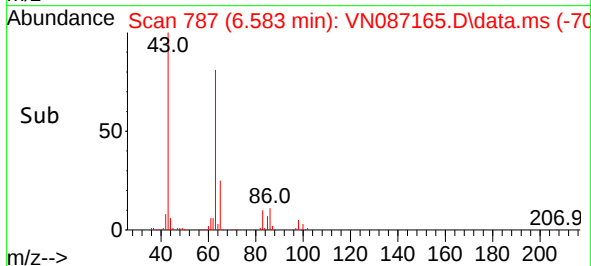
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 63 Resp: 433300
Ion Ratio Lower Upper
63 100
98 6.7 3.5 10.4
100 4.1 2.0 5.8

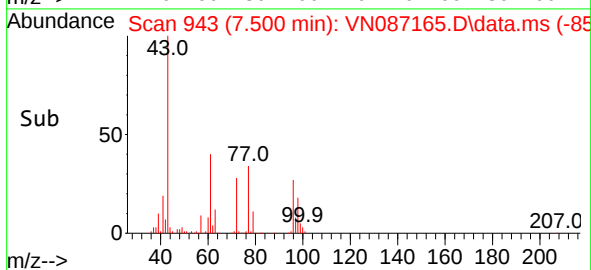
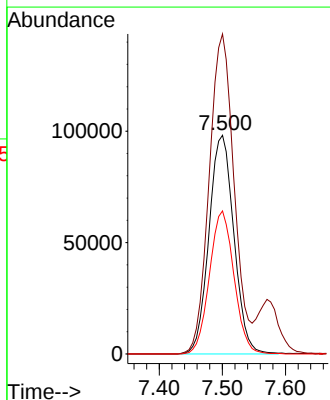
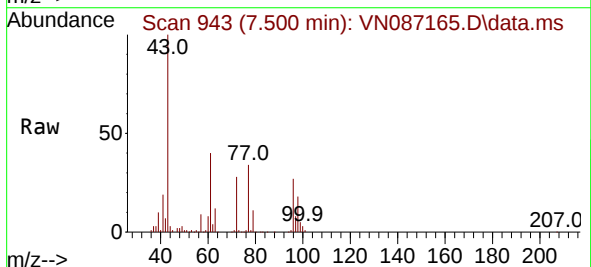
Manual Integrations
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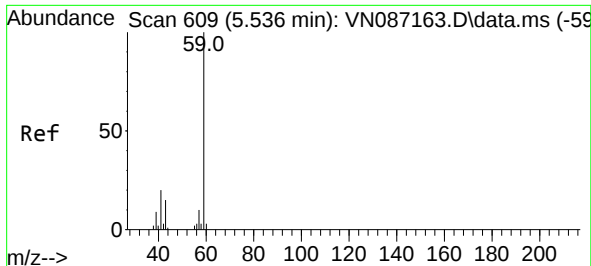
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#22
cis-1,2-Dichloroethene
Concen: 101.185 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

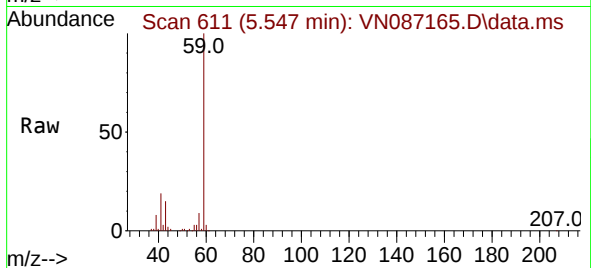
Tgt Ion: 96 Resp: 269357
Ion Ratio Lower Upper
96 100
61 146.0 119.2 178.8
98 64.2 50.6 75.8





#23
tert-Butyl Alcohol
Concen: 861.903 ug/l
RT: 5.547 min Scan# 611
Delta R.T. 0.012 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

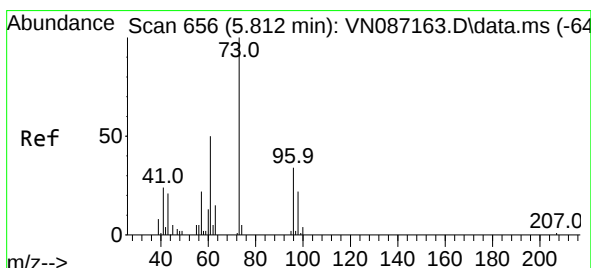
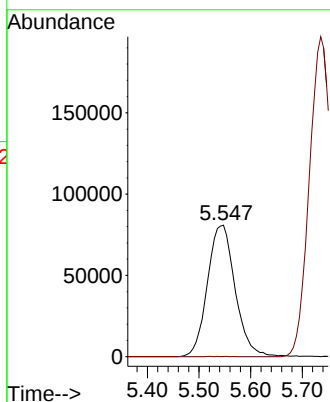
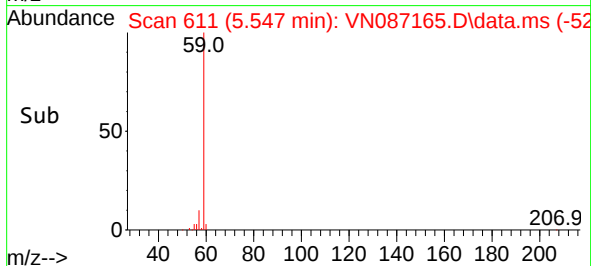
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 59 Resp: 300463
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

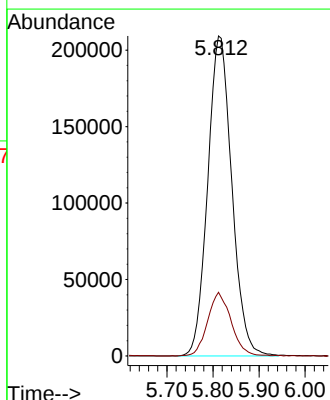
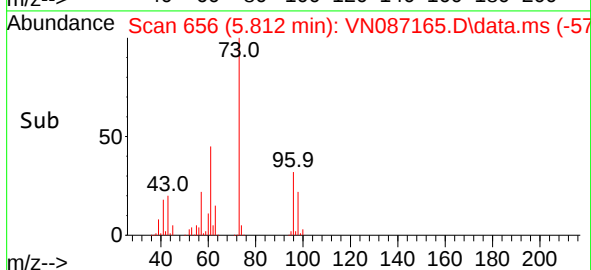
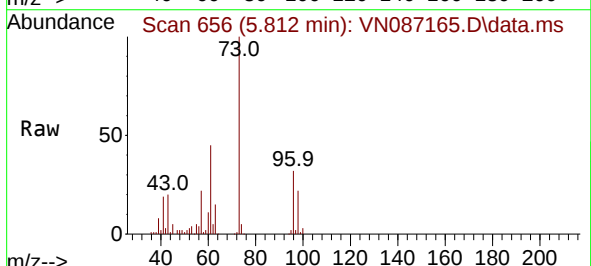
Manual Integrations
APPROVED

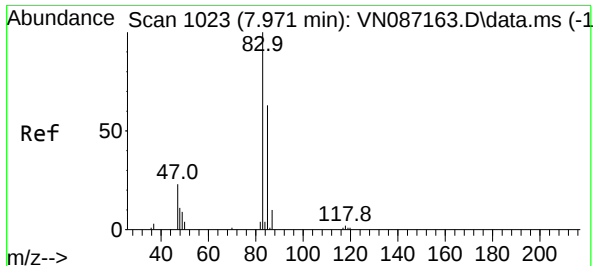
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#24
Methyl tert-Butyl Ether
Concen: 109.903 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 73 Resp: 760825
Ion Ratio Lower Upper
73 100
43 19.3 16.4 24.6





#25

Chloroform

Concen: 104.336 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 42355

Ion Ratio Lower Upper

83 100

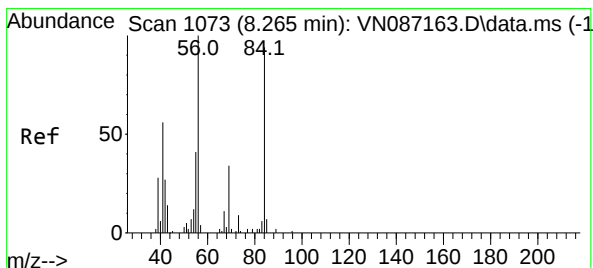
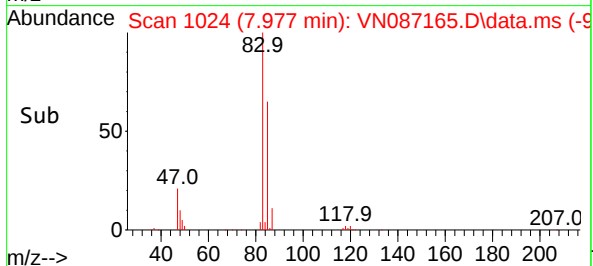
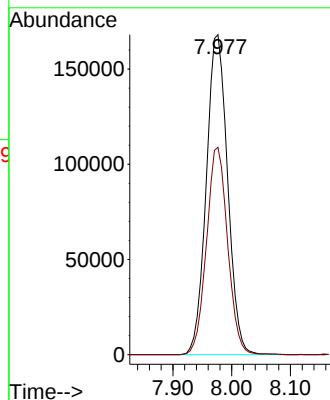
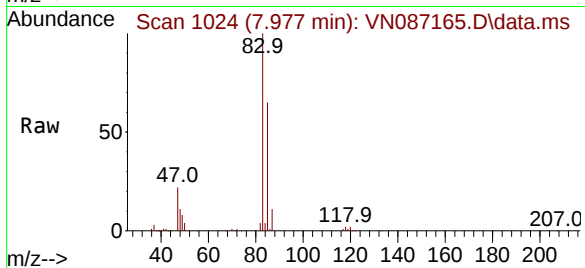
85 64.8 50.7 76.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#26

Cyclohexane

Concen: 106.100 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

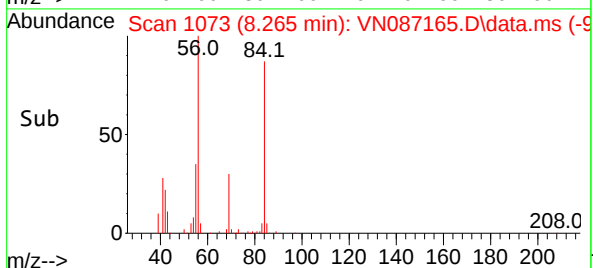
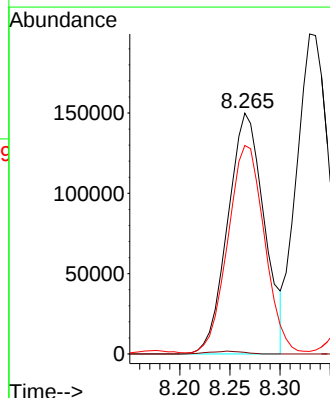
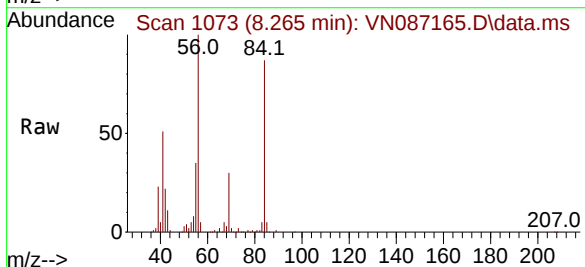
Tgt Ion: 56 Resp: 380867

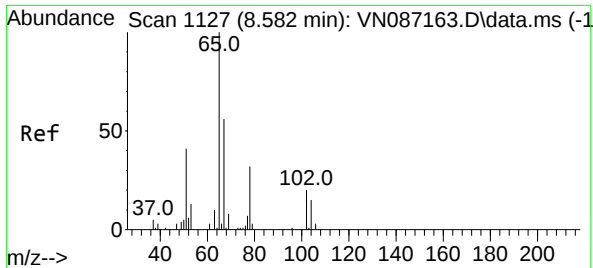
Ion Ratio Lower Upper

56 100

89 1.1 6.9 10.3#

84 87.3 69.1 103.7





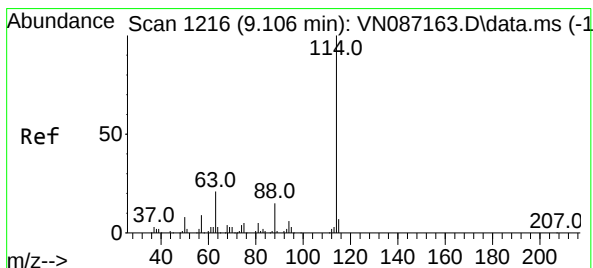
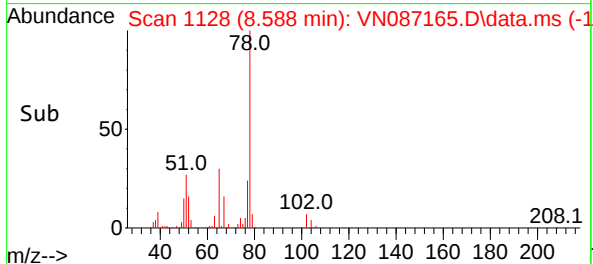
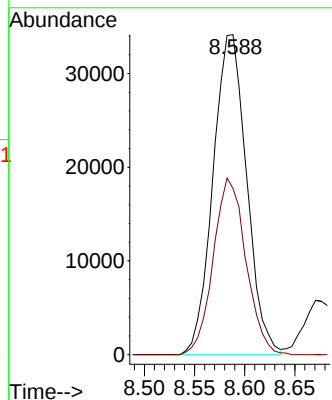
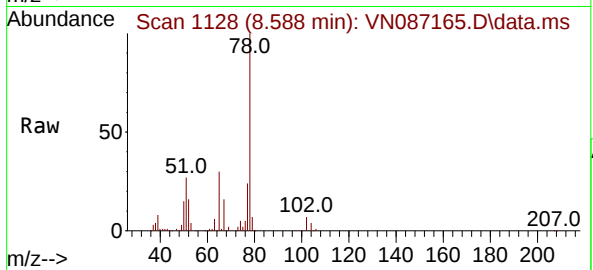
#27
1,2-Dichloroethane-d4
Concen: 32.549 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 65 Resp: 7965
Ion Ratio Lower Upper
65 100
67 53.5 41.9 62.9

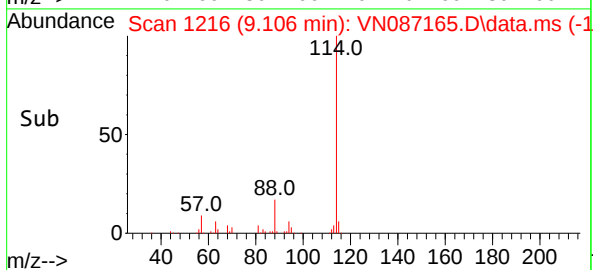
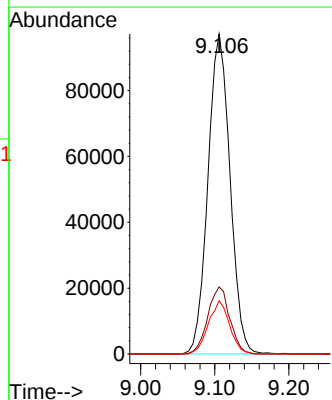
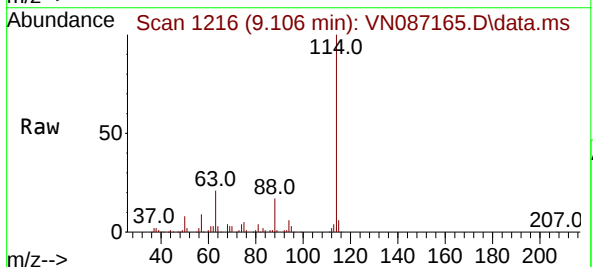
Manual Integrations
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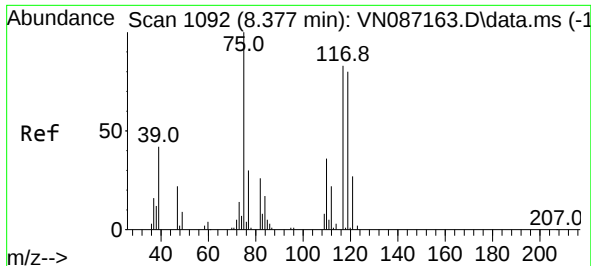
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion:114 Resp: 201156
Ion Ratio Lower Upper
114 100
63 20.8 17.0 25.4
88 15.9 12.6 19.0





#29

1,1-Dichloropropene

Concen: 104.450 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 308919

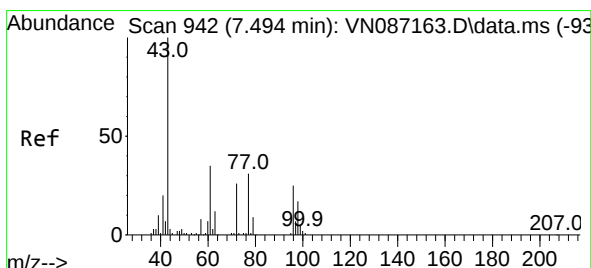
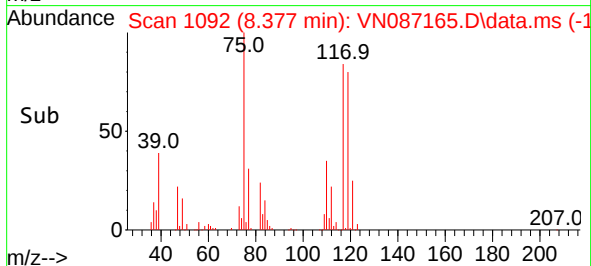
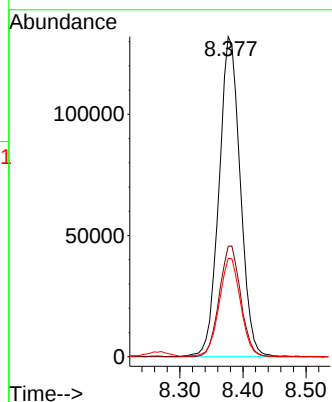
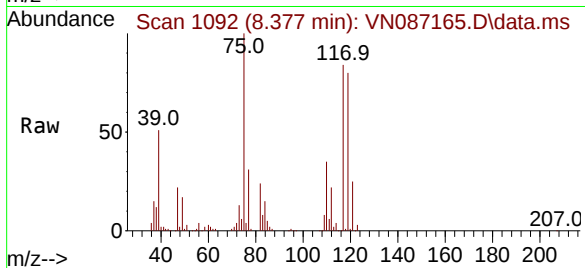
Ion	Ratio	Lower	Upper
75	100		
110	34.8	0.0	69.2
77	31.1	0.0	61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#30

2-Butanone

Concen: 818.271 ug/l

RT: 7.494 min Scan# 942

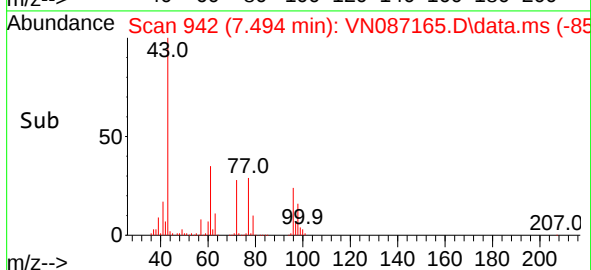
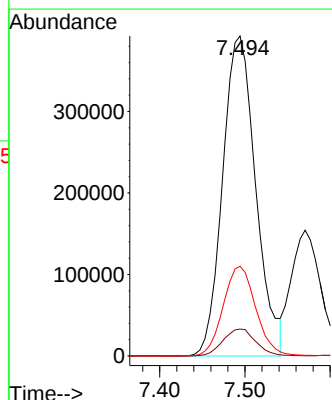
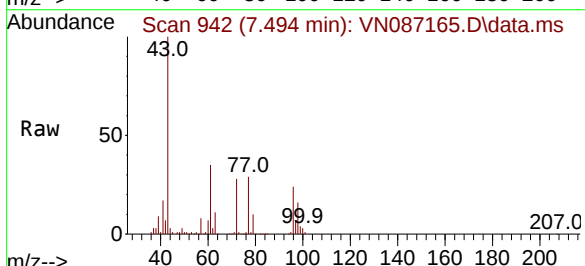
Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Tgt Ion: 43 Resp: 1060369

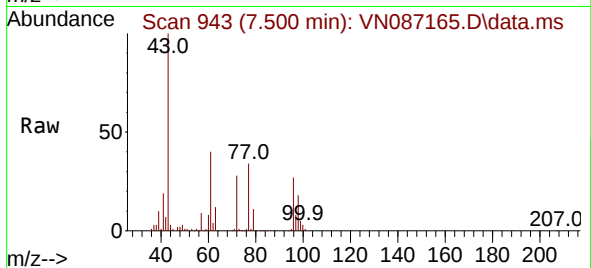
Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.3	9.5
72	27.6	21.8	32.6





#31
2,2-Dichloropropane
Concen: 103.280 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

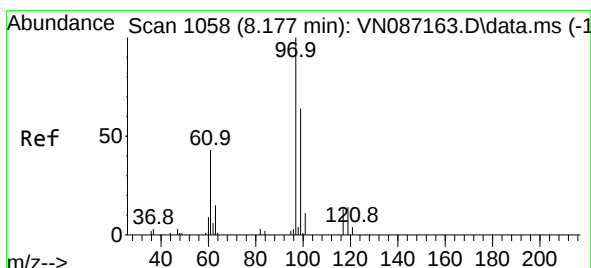
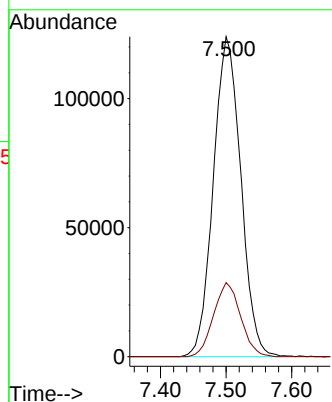
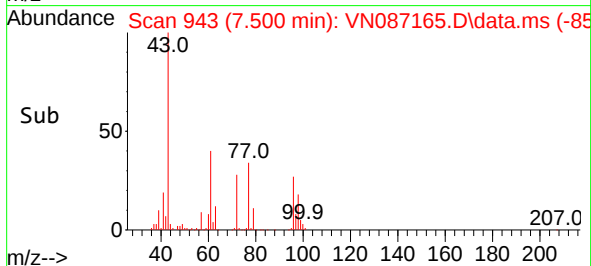
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



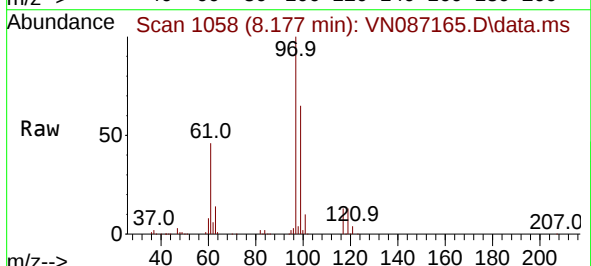
Tgt Ion: 77 Resp: 360560
Ion Ratio Lower Upper
77 100
97 22.7 18.4 27.6

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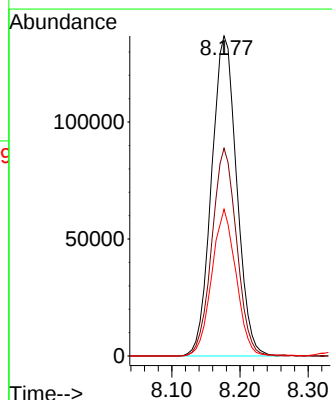
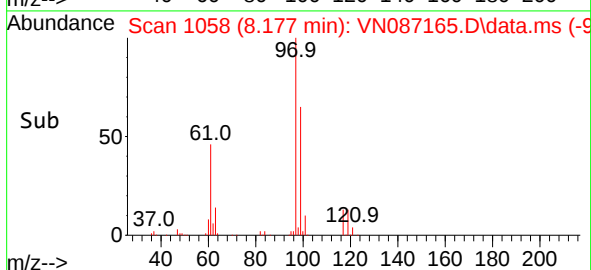
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#32
1,1,1-Trichloroethane
Concen: 102.554 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03



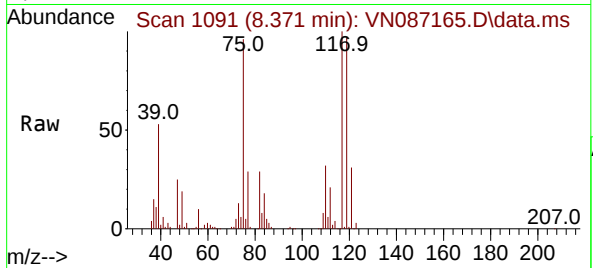
Tgt Ion: 97 Resp: 351600
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 44.3 36.1 54.1





#33
Carbon Tetrachloride
Concen: 102.367 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

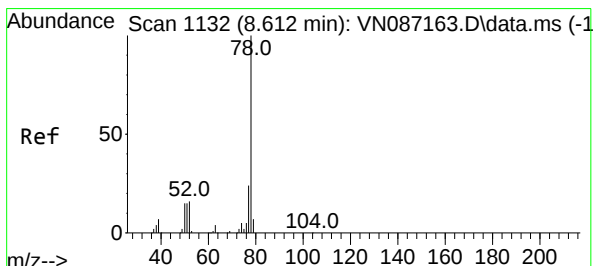
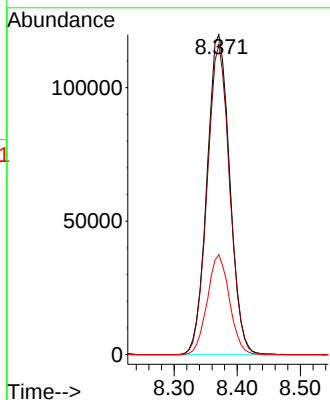
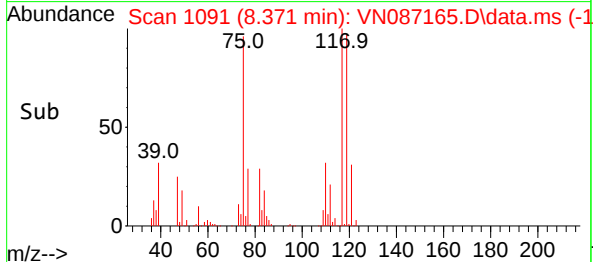
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



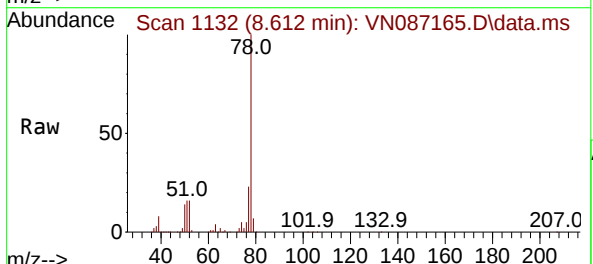
Tgt Ion: 117 Resp: 300004
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.6
121 31.3 26.2 39.4

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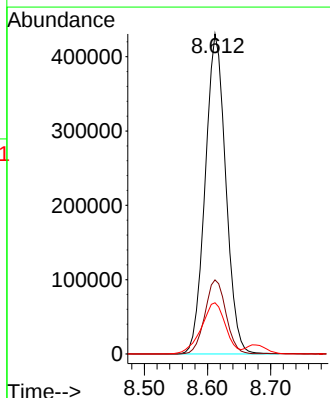
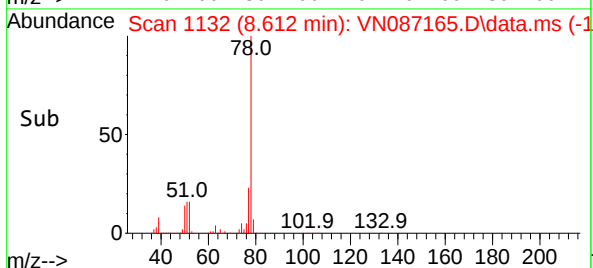
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#34
Benzene
Concen: 101.298 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03



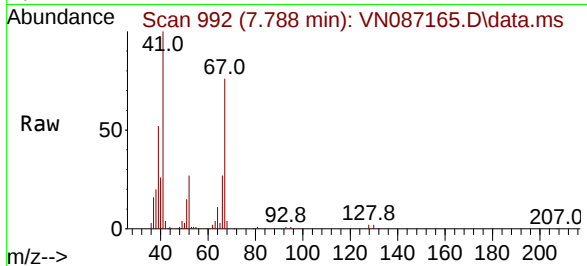
Tgt Ion: 78 Resp: 974806
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3
51 15.7 14.8 22.2





#35
Methacrylonitrile
Concen: 141.572 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

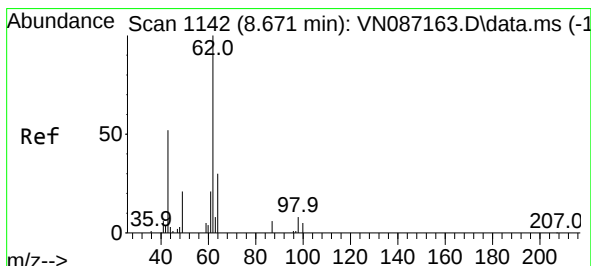
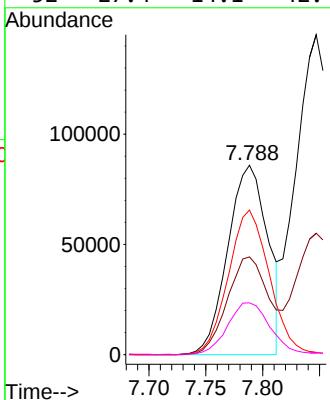
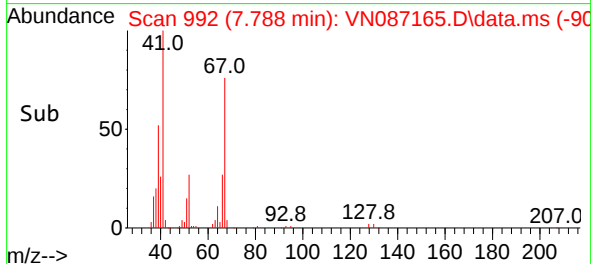
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion	Ratio	Lower	Upper
41	100		
39	51.6	24.4	73.2
67	76.4	33.3	99.8
52	27.4	14.1	42.4

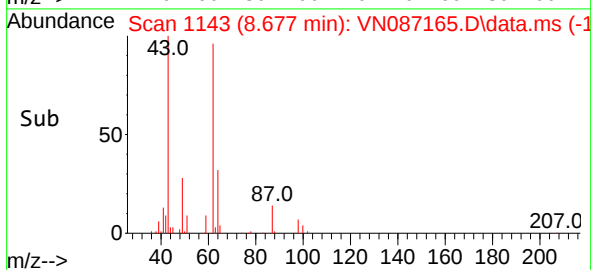
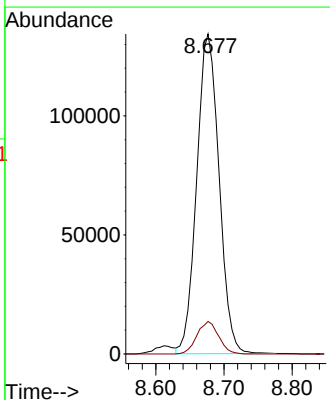
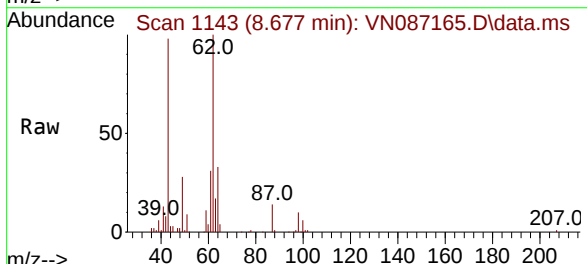
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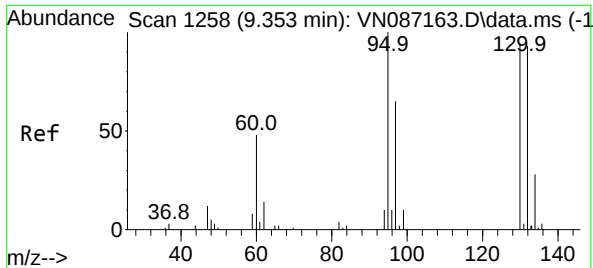
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#36
1,2-Dichloroethane
Concen: 108.618 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

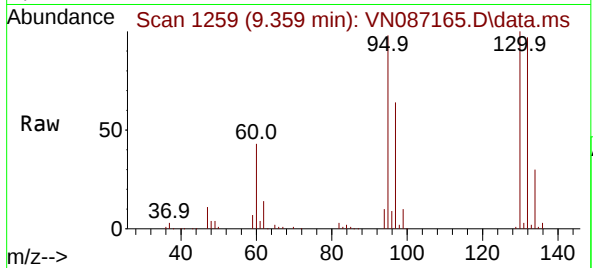
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	7.2	10.8





#37
Trichloroethene
Concen: 84.478 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

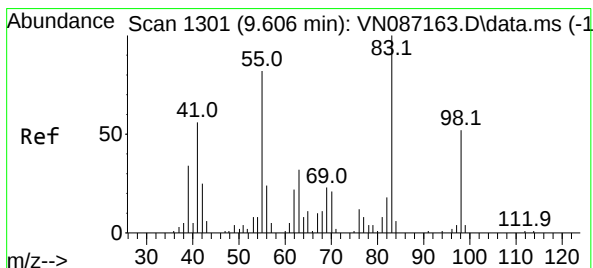
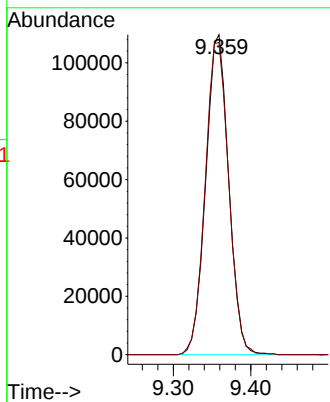
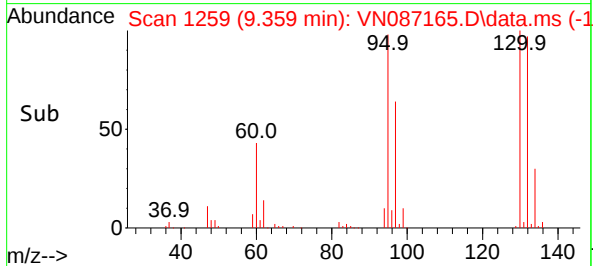
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:130 Resp: 22549
Ion Ratio Lower Upper
130 100
95 97.6 85.3 127.9

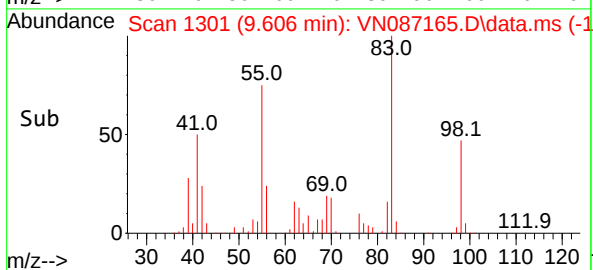
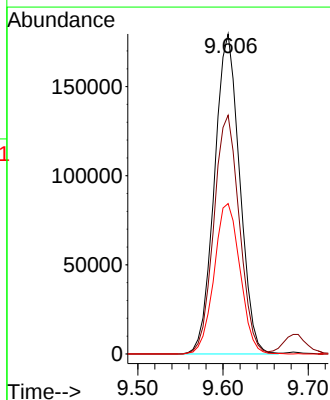
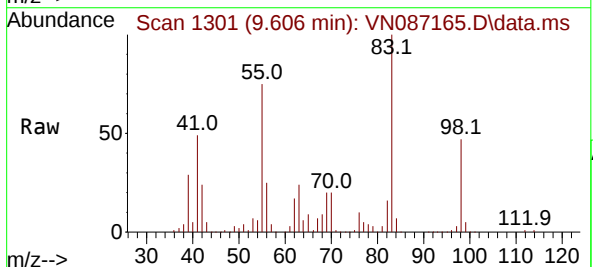
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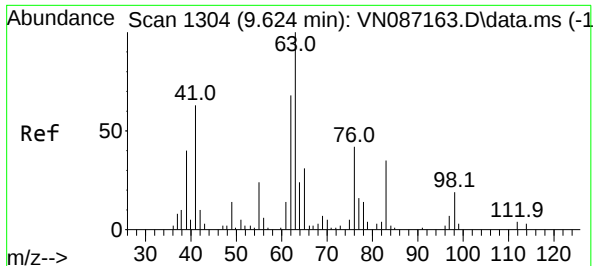
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#38
Methylcyclohexane
Concen: 112.606 ug/l
RT: 9.606 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 83 Resp: 369519
Ion Ratio Lower Upper
83 100
55 75.6 40.1 120.2
98 48.3 24.4 73.2





#39

1,2-Dichloropropane

Concen: 104.928 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 24309

Ion Ratio Lower Upper

63 100

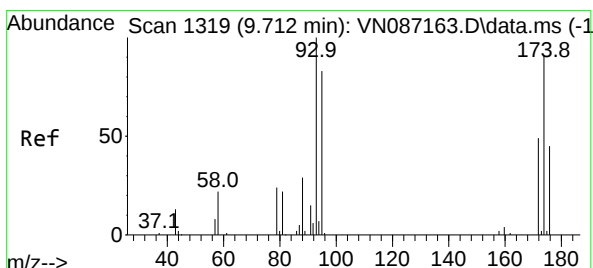
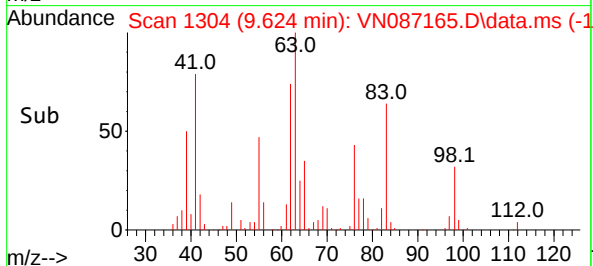
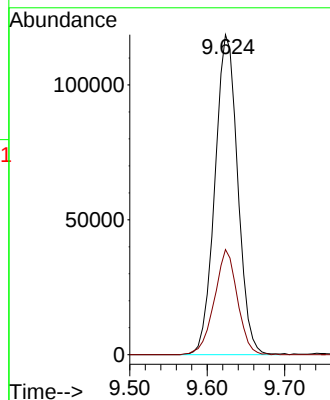
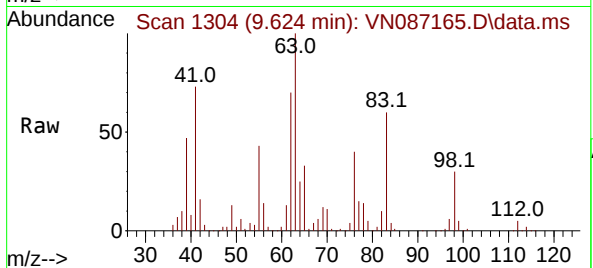
65 32.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#40

Dibromomethane

Concen: 109.106 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

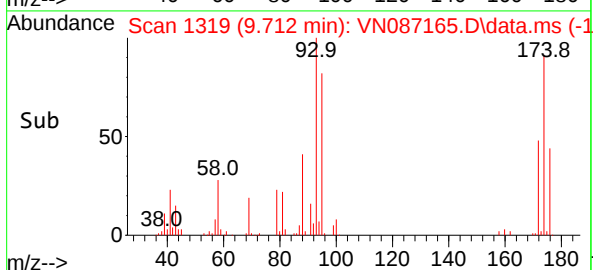
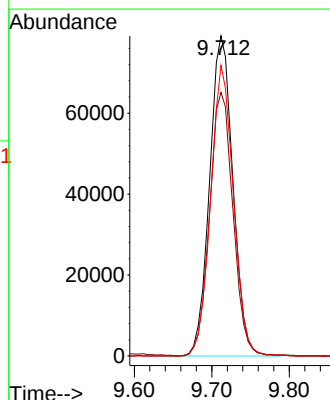
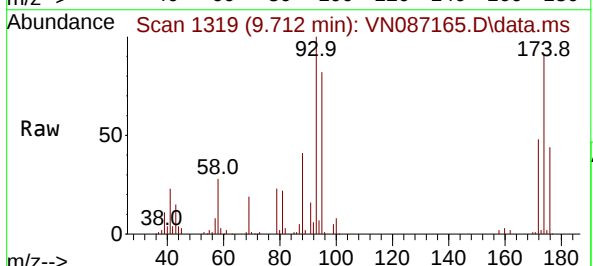
Tgt Ion: 93 Resp: 165326

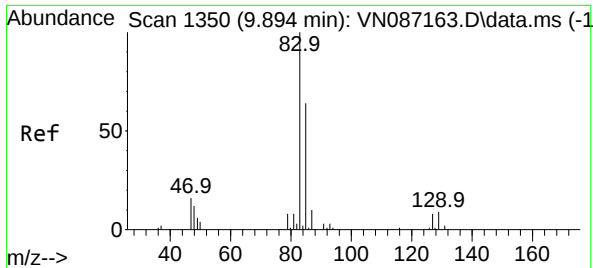
Ion Ratio Lower Upper

93 100

95 82.6 0.0 170.8

174 88.6 0.0 176.6





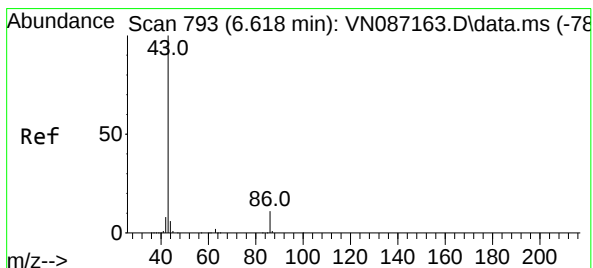
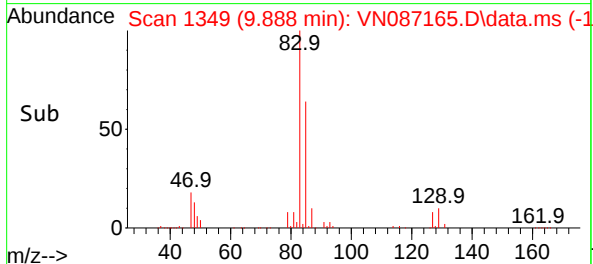
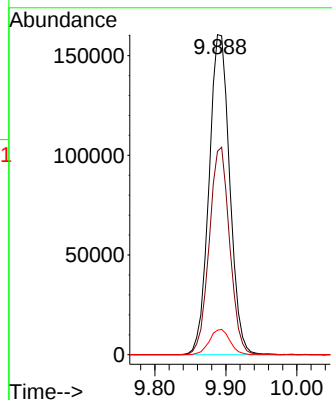
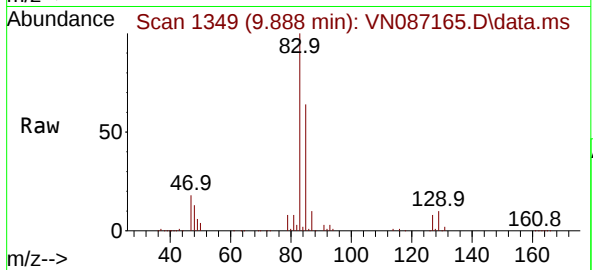
#41
Bromodichloromethane
Concen: 102.452 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 324962
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.2
127 7.6 6.1 9.1

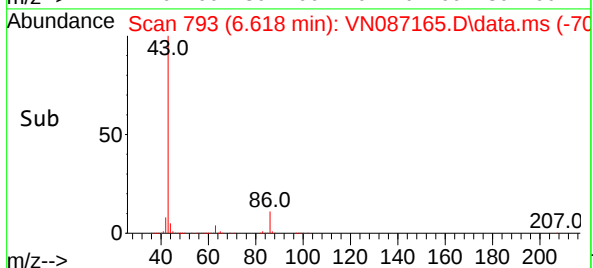
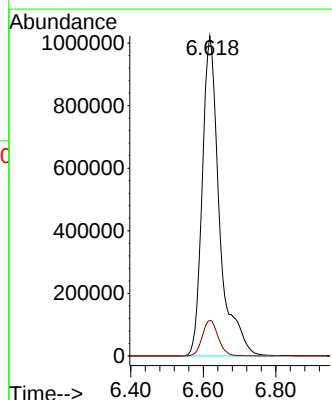
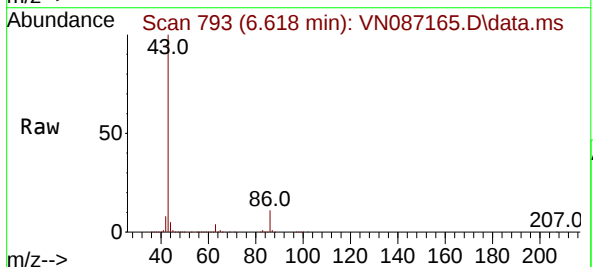
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#42
Vinyl Acetate
Concen: 892.461 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

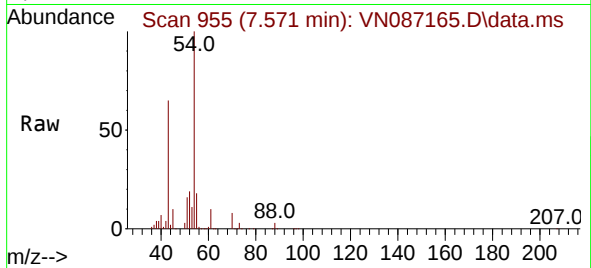
Tgt Ion: 43 Resp: 3371109
Ion Ratio Lower Upper
43 100
86 10.3 7.7 11.5





#43
Ethyl Acetate
Concen: 144.198 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

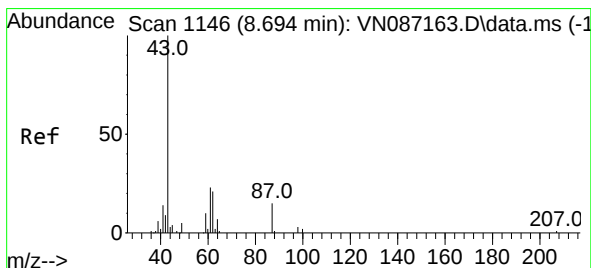
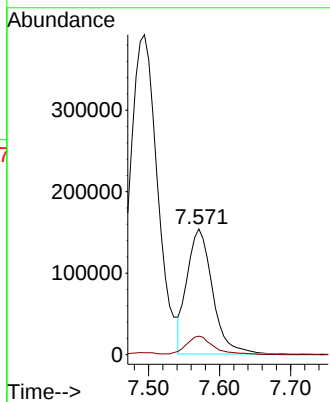
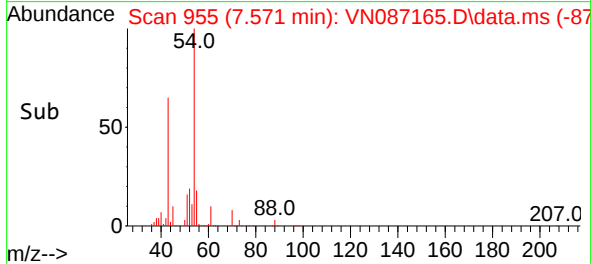
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



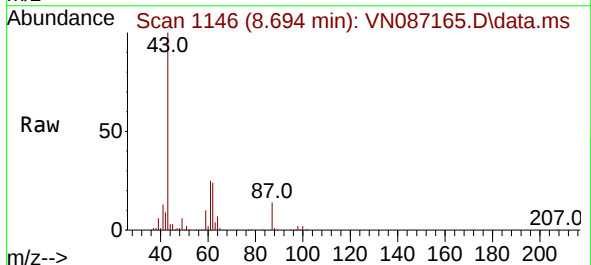
Tgt Ion: 43 Resp: 382364
Ion Ratio Lower Upper
43 100
45 15.7 11.5 17.3

Manual Integrations
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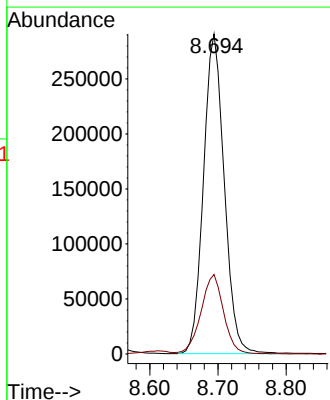
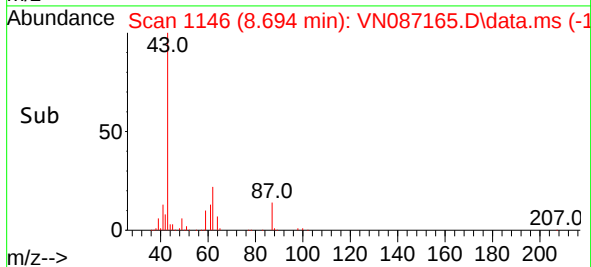
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

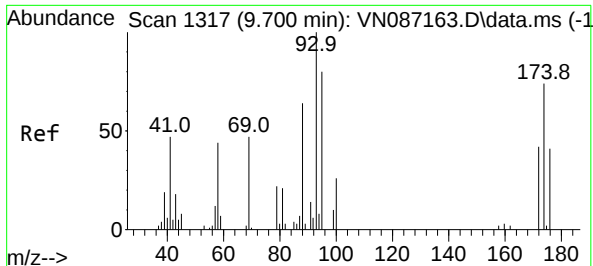


#44
Isopropyl Acetate
Concen: 135.389 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03



Tgt Ion: 43 Resp: 615849
Ion Ratio Lower Upper
43 100
61 27.1 20.5 30.7





#45

1,4-Dioxane

Concen: 2178.117 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 8806

Ion Ratio Lower Upper

88 100

43 20.7 21.3 31.9

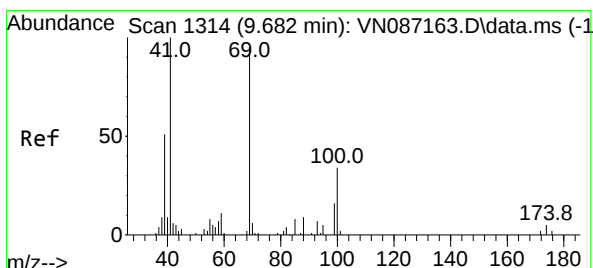
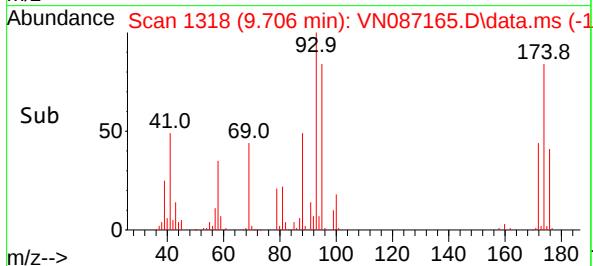
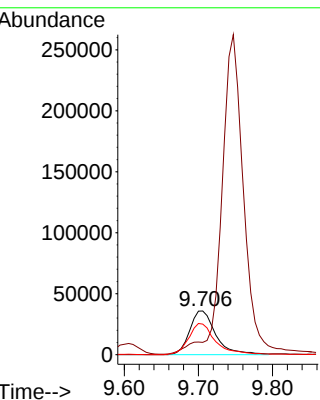
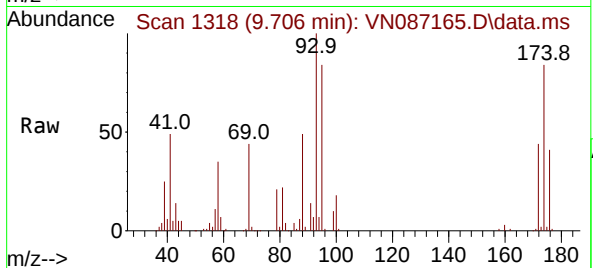
58 73.1 61.7 92.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#46

Methyl methacrylate

Concen: 138.103 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

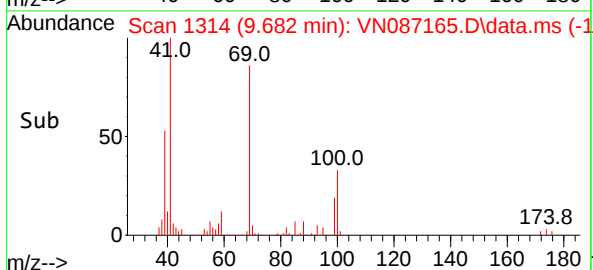
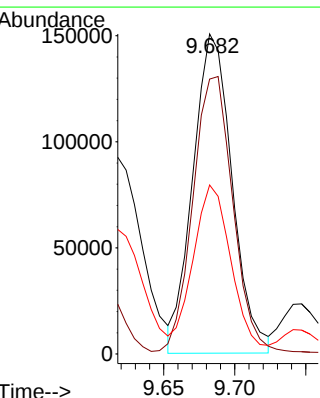
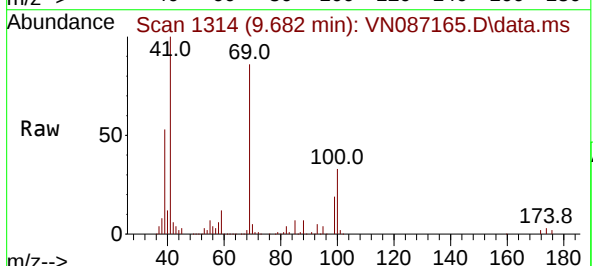
Tgt Ion: 41 Resp: 289659

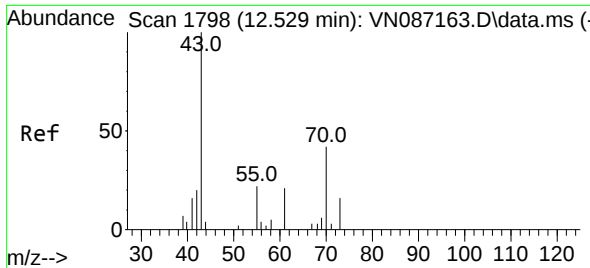
Ion Ratio Lower Upper

41 100

69 88.3 45.6 136.9

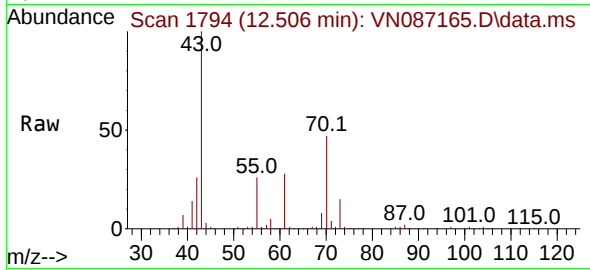
39 53.0 26.2 78.5





#47
n-amy1 Acetate
Concen: 105.776 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. -0.024 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

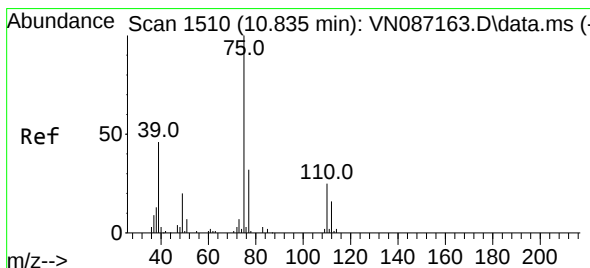
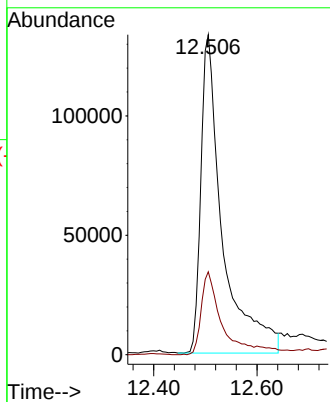
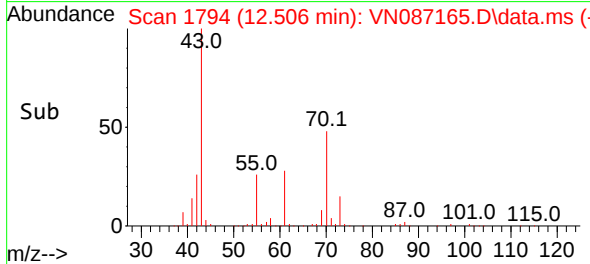
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 38626
Ion Ratio Lower Upper
43 100
55 23.5 0.0 0.0

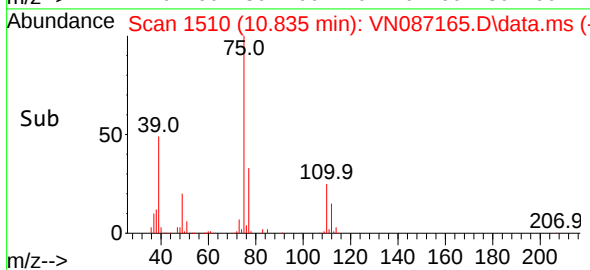
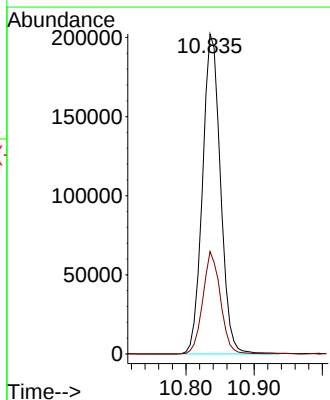
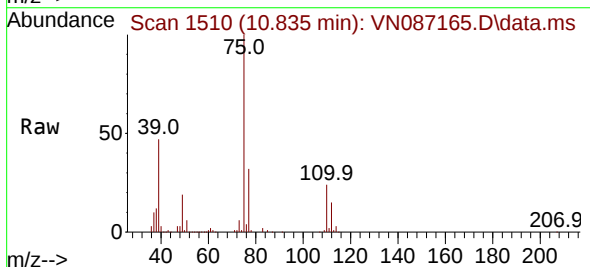
Manual Integrations
APPROVED

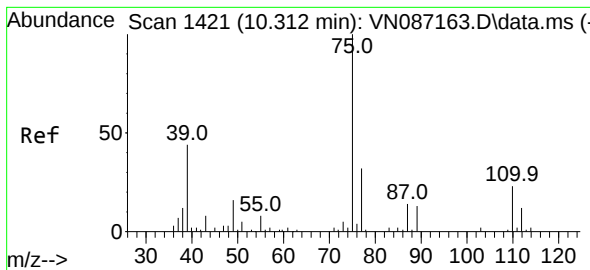
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#48
t-1,3-Dichloropropene
Concen: 109.526 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

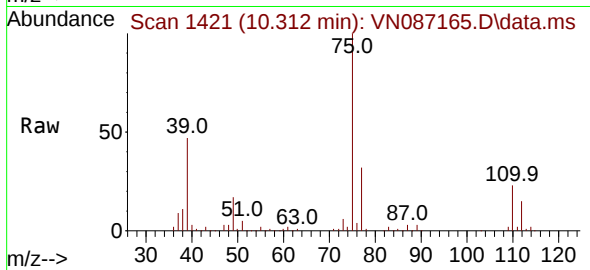
Tgt Ion: 75 Resp: 371754
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0





#49
 cis-1,3-Dichloropropene
 Concen: 105.031 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

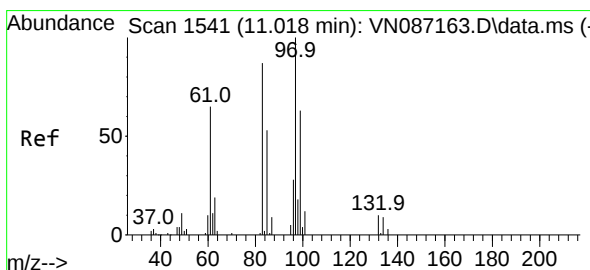
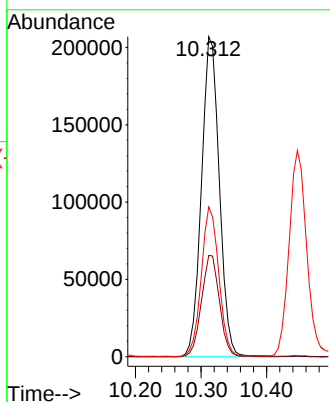
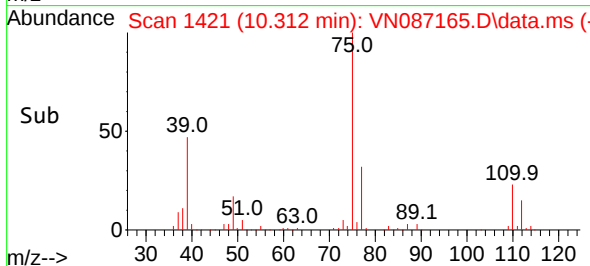
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 392118
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2
 39 46.7 35.3 52.9

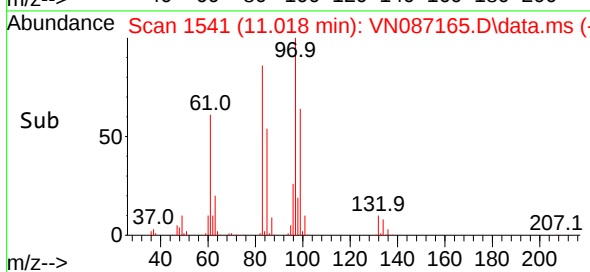
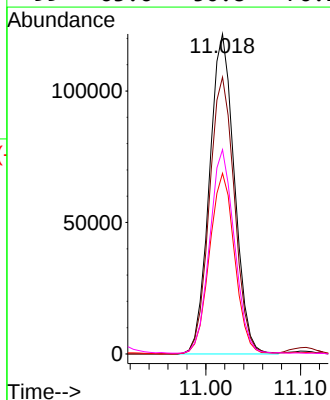
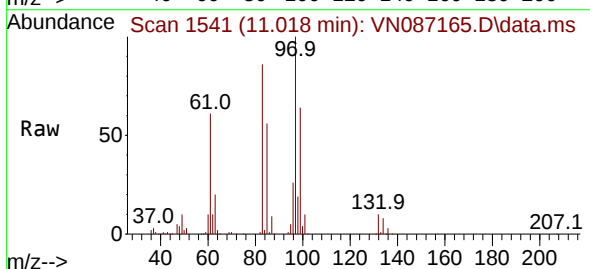
Manual Integrations
 APPROVED

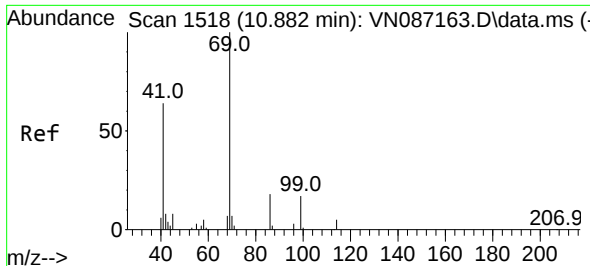
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025



#50
 1,1,2-Trichloroethane
 Concen: 104.457 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

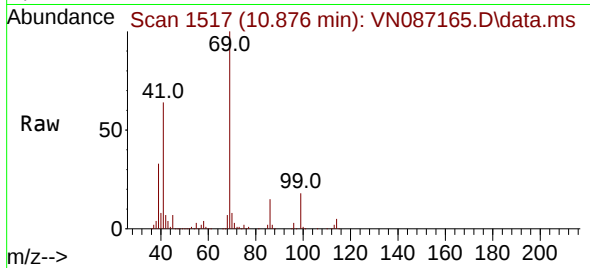
Tgt Ion: 97 Resp: 222928
 Ion Ratio Lower Upper
 97 100
 83 86.5 69.6 104.4
 85 56.3 42.0 63.0
 99 63.6 50.8 76.2





#51
Ethyl methacrylate
Concen: 112.077 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

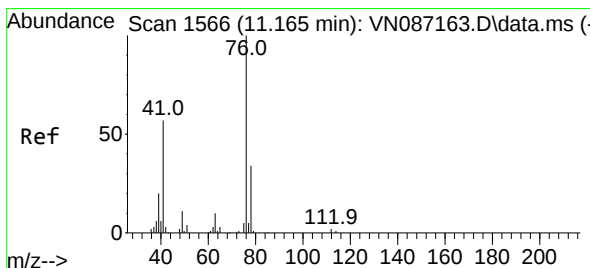
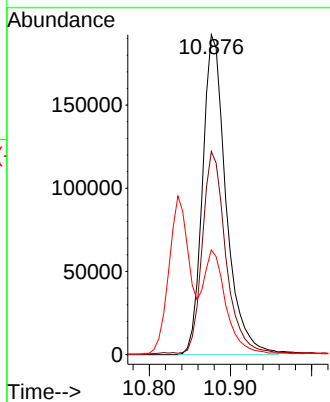
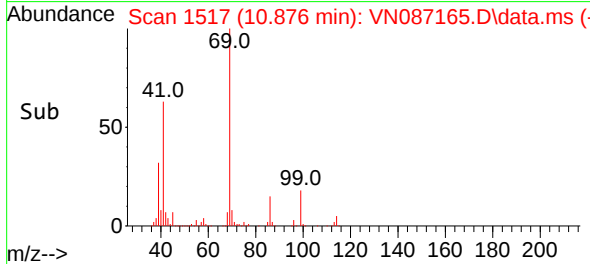
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 69 Resp: 387380
Ion Ratio Lower Upper
69 100
41 63.1 31.8 95.3
39 32.2 15.3 45.8

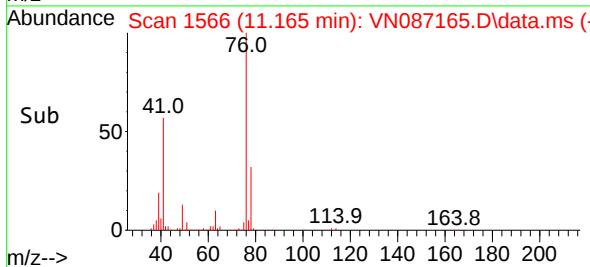
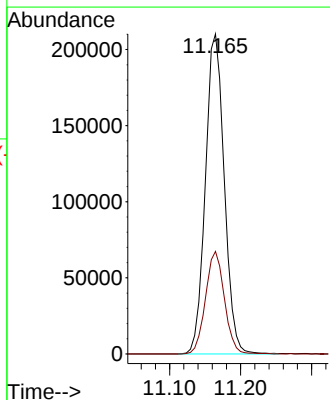
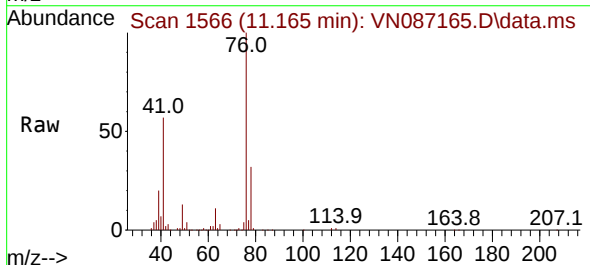
Manual Integrations
APPROVED

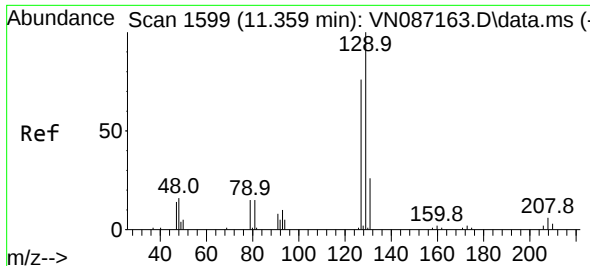
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#52
1,3-Dichloropropane
Concen: 102.479 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

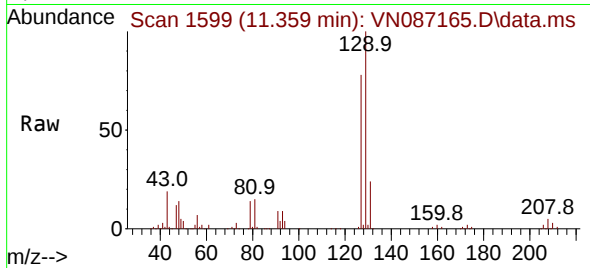
Tgt Ion: 76 Resp: 388131
Ion Ratio Lower Upper
76 100
78 32.0 0.0 63.0





#53
Dibromochloromethane
Concen: 100.883 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

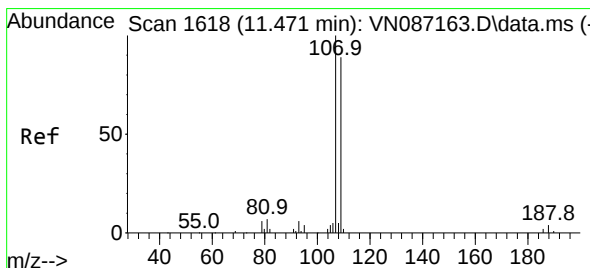
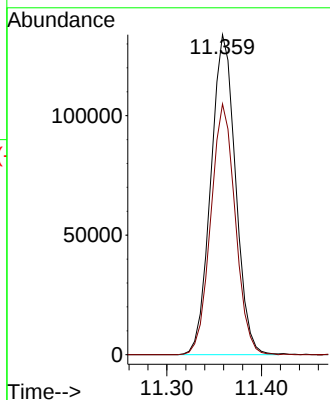
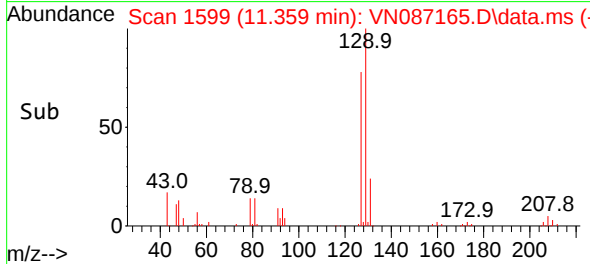
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



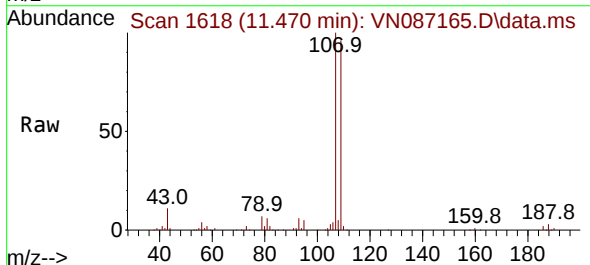
Tgt Ion:129 Resp: 243297
Ion Ratio Lower Upper
129 100
127 77.4 39.6 118.8

Manual Integrations
APPROVED

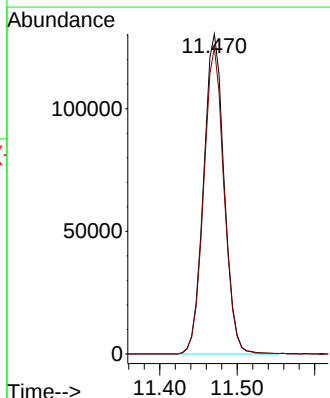
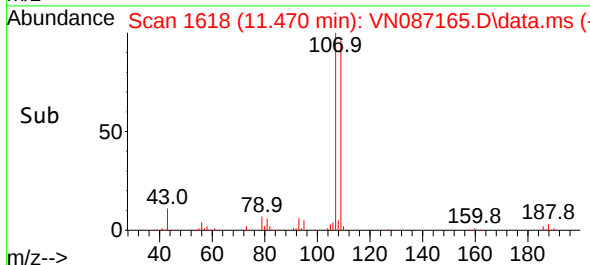
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

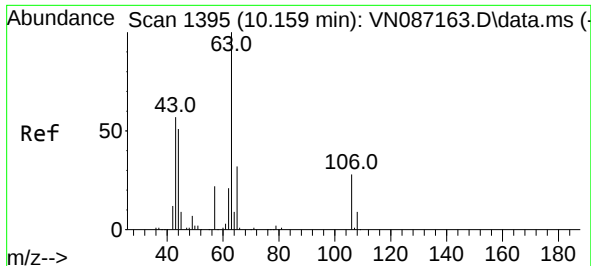


#54
1,2-Dibromoethane
Concen: 109.913 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03



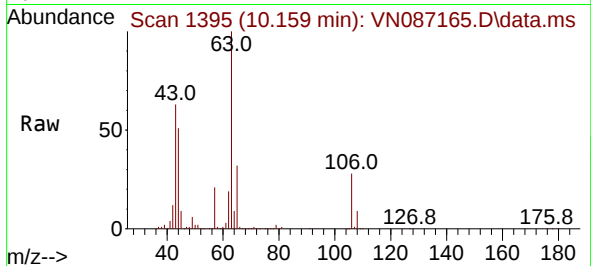
Tgt Ion:107 Resp: 239775
Ion Ratio Lower Upper
107 100
109 95.0 73.5 110.3





#55
2-Chloroethyl vinyl ether
Concen: 644.669 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

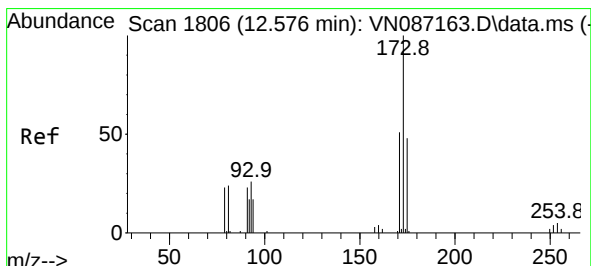
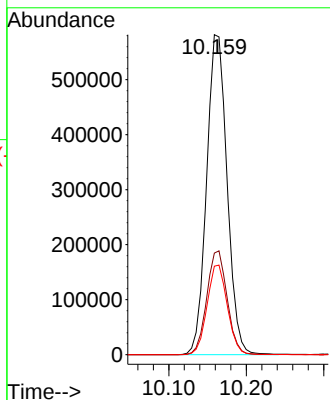
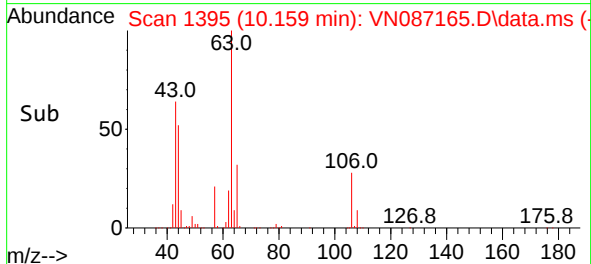
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 106956
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 27.7 21.9 32.9

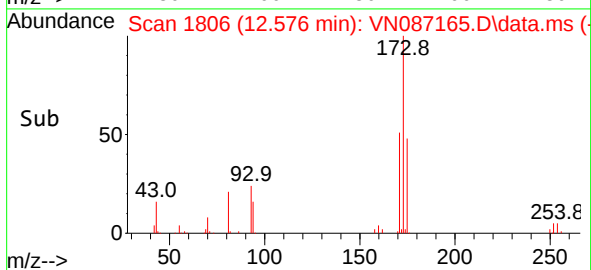
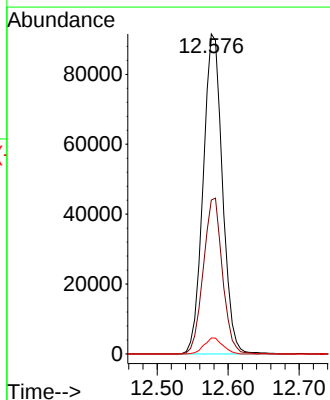
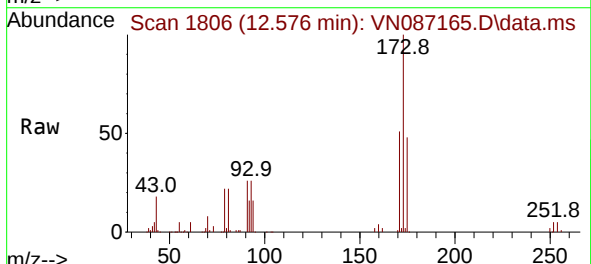
Manual Integrations
APPROVED

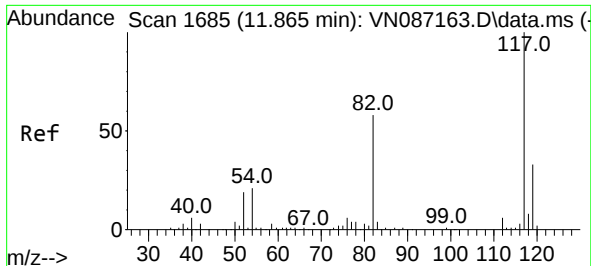
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#56
Bromoform
Concen: 113.736 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

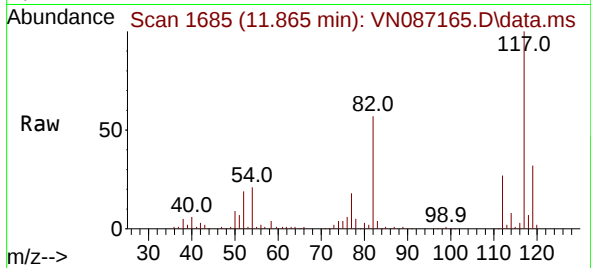
Tgt Ion:173 Resp: 172827
Ion Ratio Lower Upper
173 100
175 48.3 38.7 58.1
254 4.9 4.2 6.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

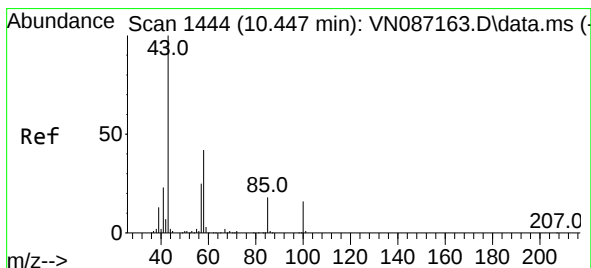
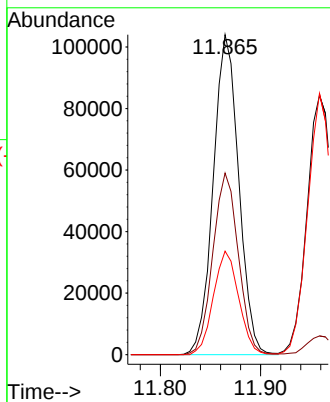
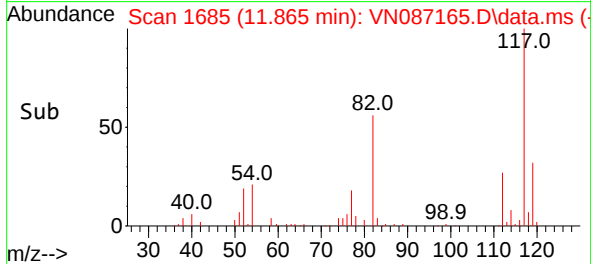
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



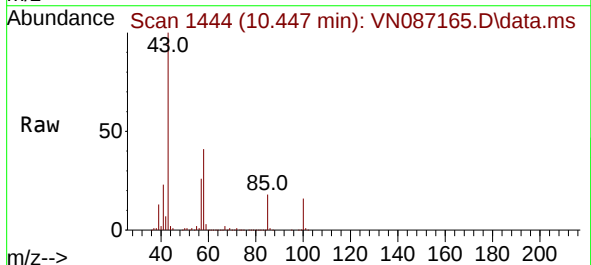
Tgt Ion: 117 Resp: 18362
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 32.2 26.2 39.4

Manual Integrations
APPROVED

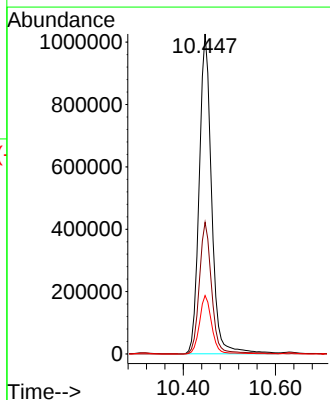
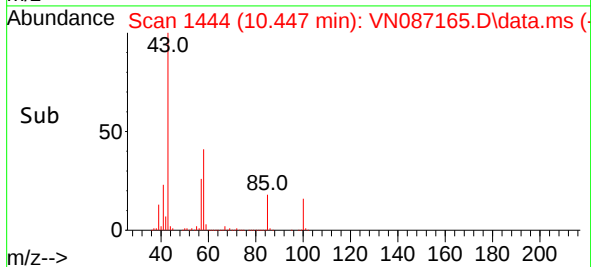
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

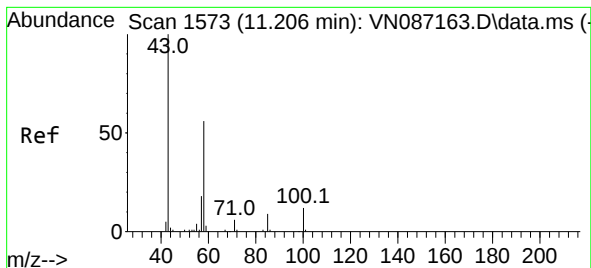


#58
4-Methyl-2-Pentanone
Concen: 715.253 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03



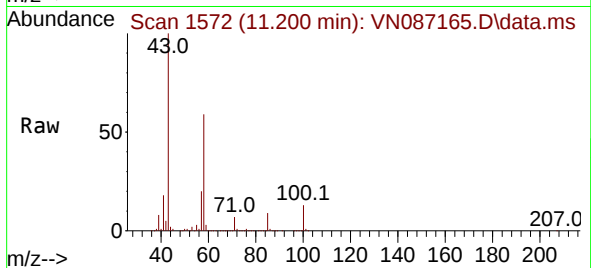
Tgt Ion: 43 Resp: 1927138
Ion Ratio Lower Upper
43 100
58 40.7 32.6 49.0
85 18.0 14.6 22.0





#59
2-Hexanone
Concen: 678.728 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

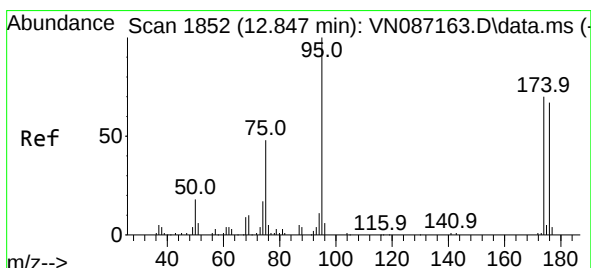
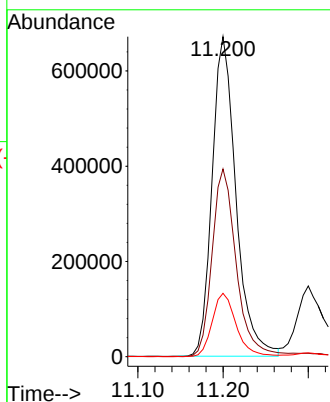
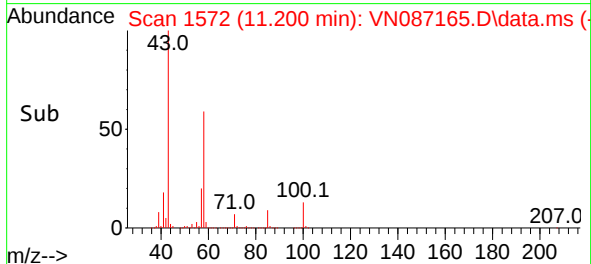
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



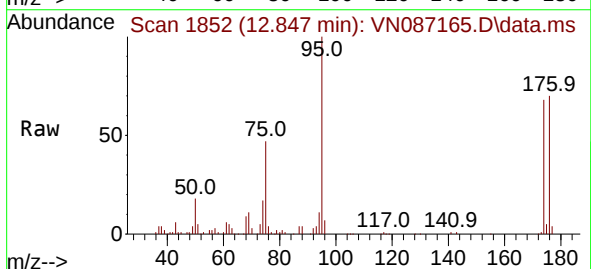
Tgt Ion: 43 Resp: 130992
Ion Ratio Lower Upper
43 100
58 59.9 49.2 73.8
57 19.9 15.3 22.9

Manual Integrations
APPROVED

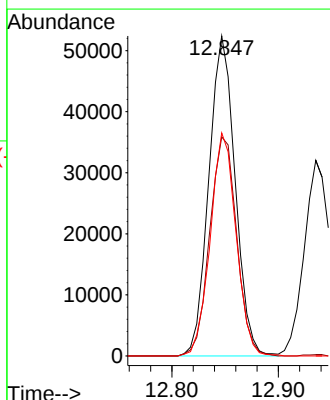
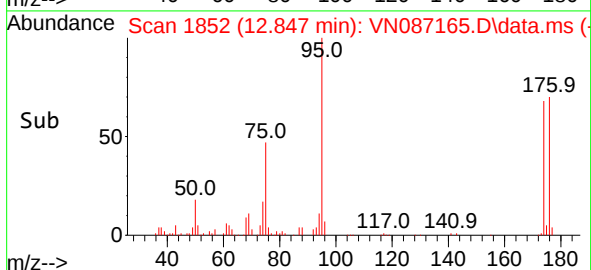
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

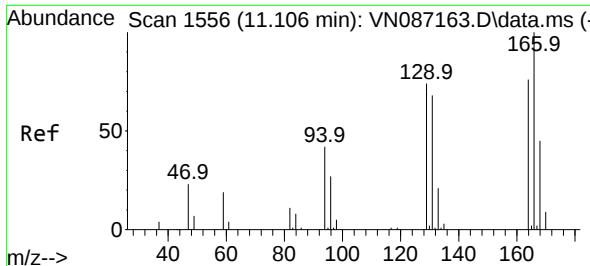


#60
4-Bromofluorobenzene
Concen: 31.153 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03



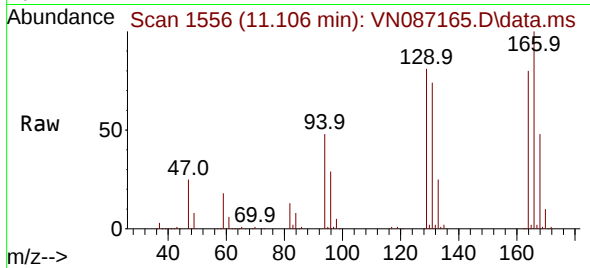
Tgt Ion: 95 Resp: 89811
Ion Ratio Lower Upper
95 100
174 70.2 54.5 81.7
176 68.4 51.9 77.9





#61
Tetrachloroethene
Concen: 55.791 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

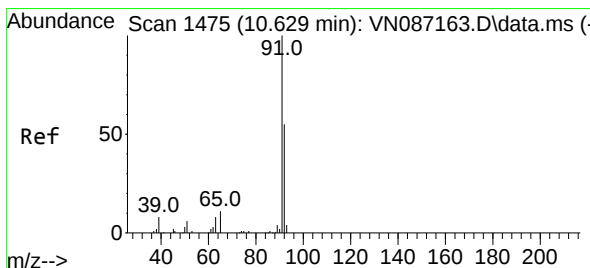
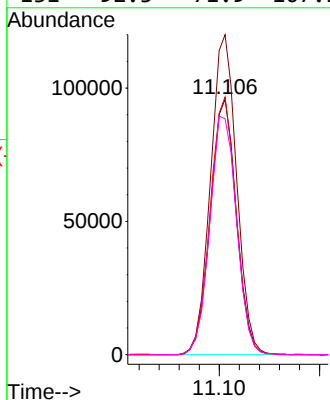
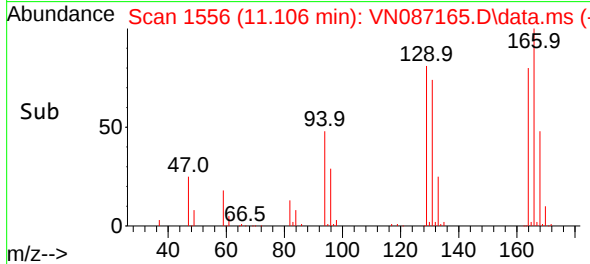
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:164 Resp: 172208
Ion Ratio Lower Upper
164 100
166 125.2 105.4 158.2
129 100.7 77.9 116.9
131 92.3 71.9 107.9

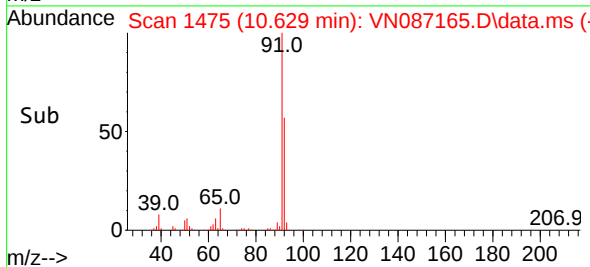
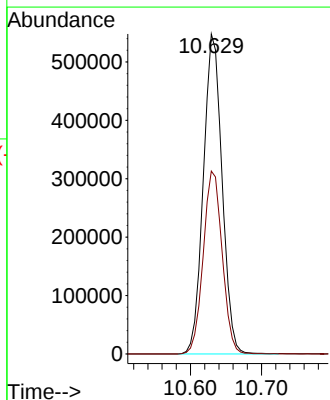
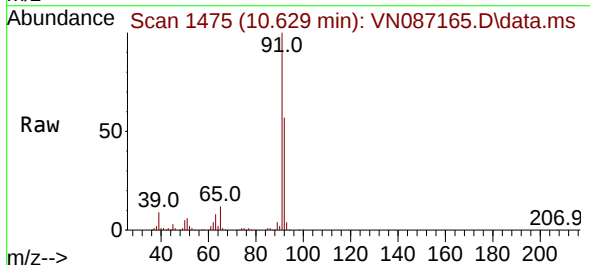
Manual Integrations
APPROVED

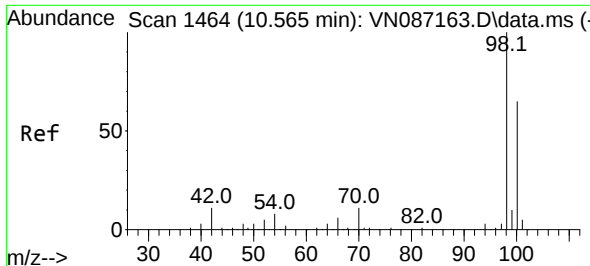
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#62
Toluene
Concen: 97.215 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

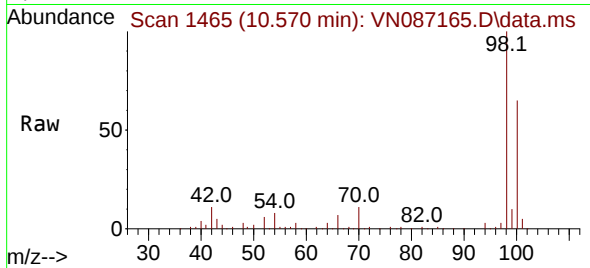
Tgt Ion: 91 Resp: 1005355
Ion Ratio Lower Upper
91 100
92 57.9 45.8 68.8





#63
Toluene-d8
Concen: 28.555 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

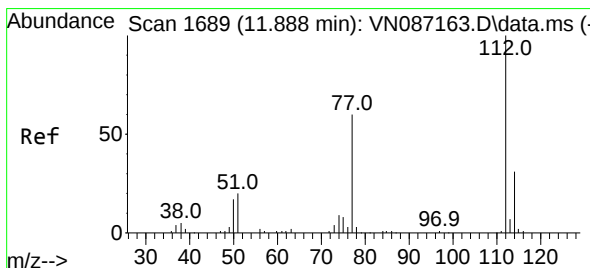
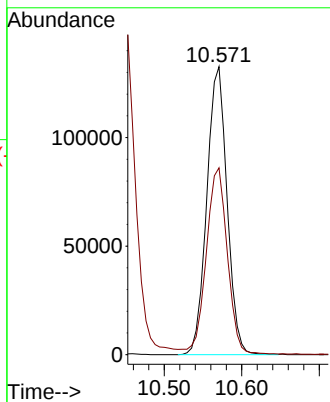
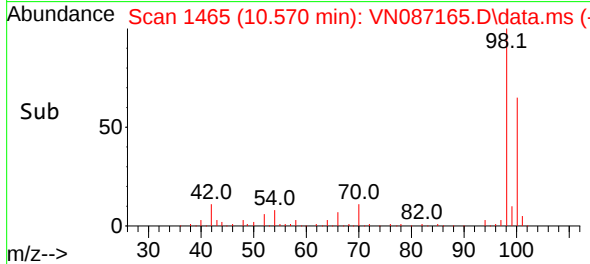
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



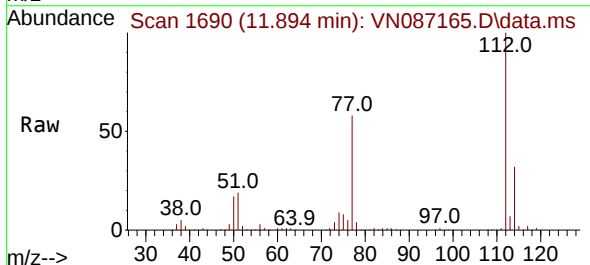
Tgt Ion: 98 Resp: 240658
Ion Ratio Lower Upper
98 100
100 67.9 52.5 78.7

Manual Integrations
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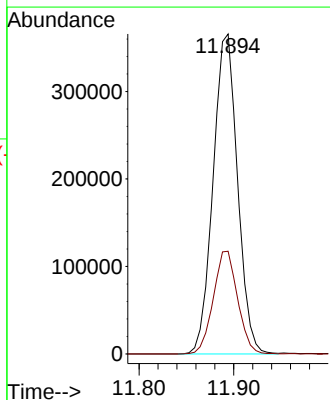
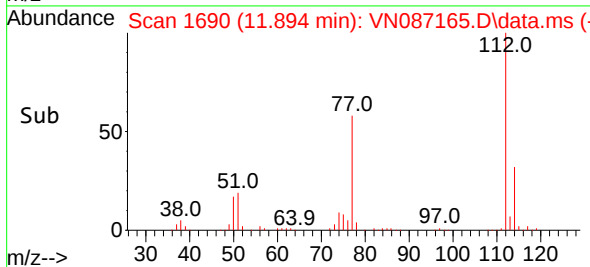
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

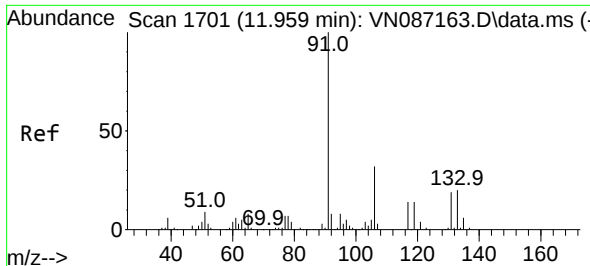


#64
Chlorobenzene
Concen: 99.433 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03



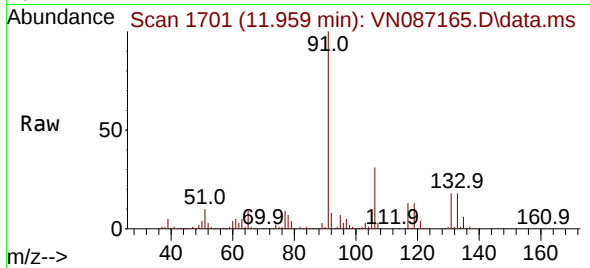
Tgt Ion:112 Resp: 655778
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 99.911 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

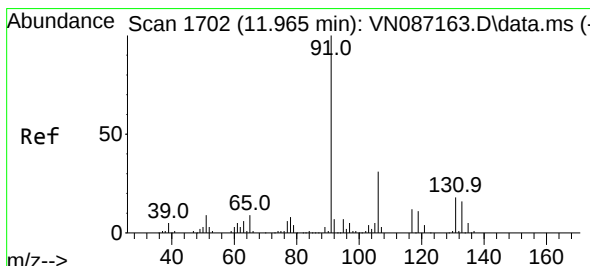
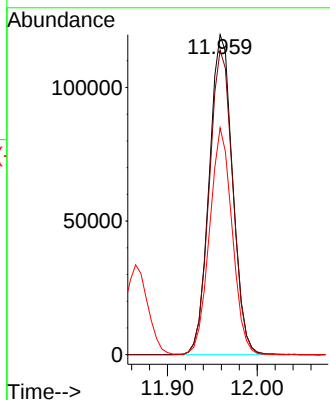
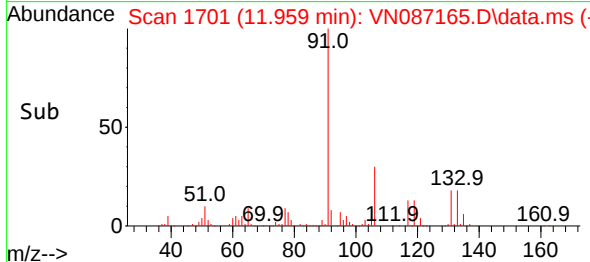
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



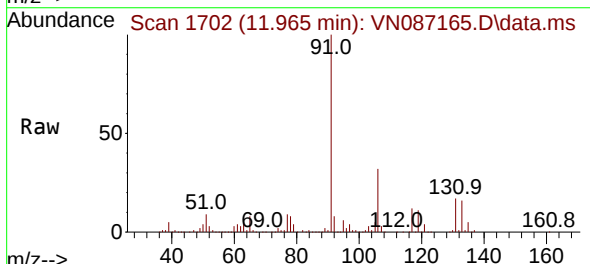
Tgt Ion:131 Resp: 216474
Ion Ratio Lower Upper
131 100
133 95.9 0.0 187.8
119 68.6 0.0 140.0

Manual Integrations
APPROVED

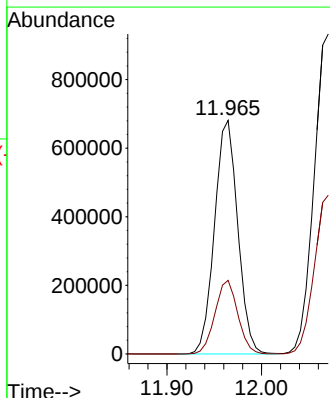
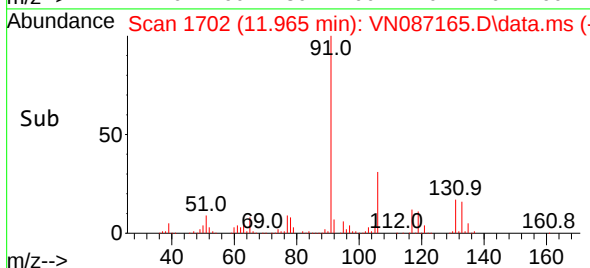
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

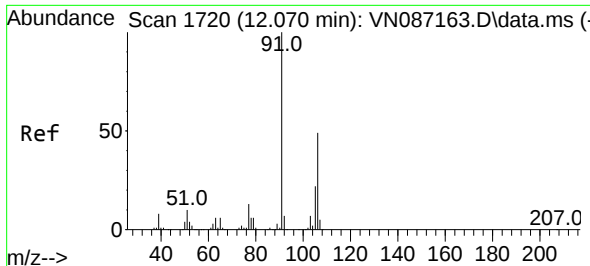


#66
Ethyl Benzene
Concen: 103.936 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03



Tgt Ion: 91 Resp: 1162597
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2





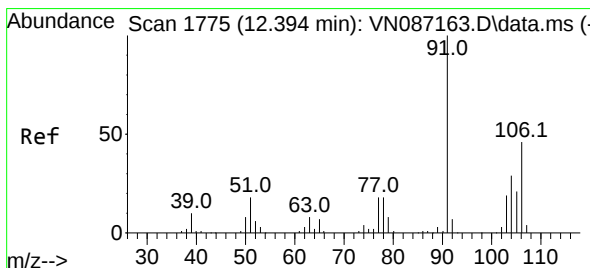
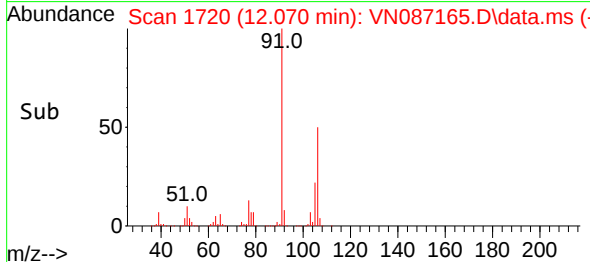
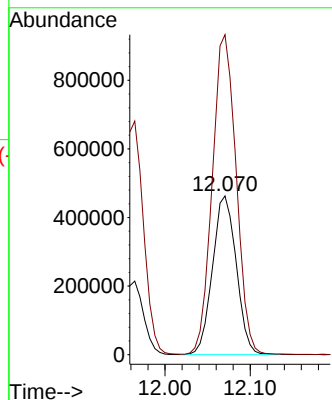
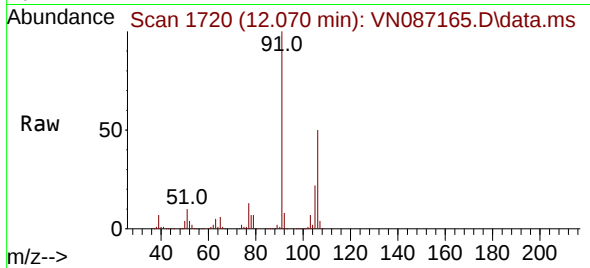
#67
m/p-Xylenes
Concen: 204.771 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 898830
Ion Ratio Lower Upper
106 100
91 202.8 163.0 244.4

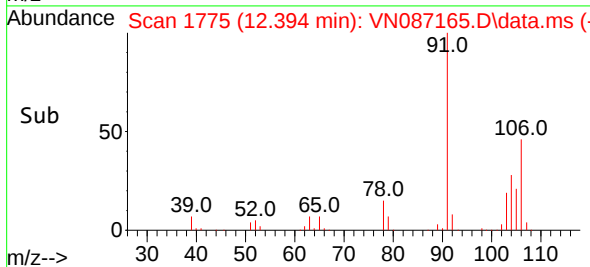
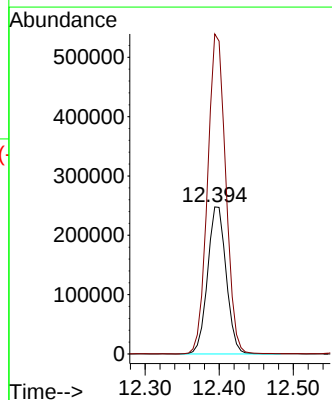
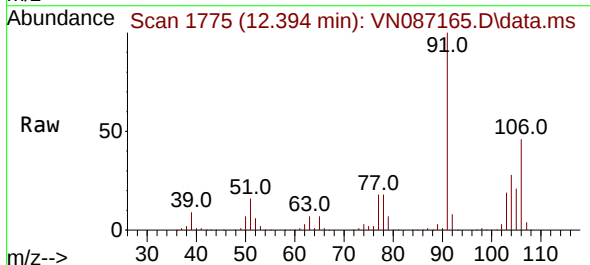
Manual Integrations
APPROVED

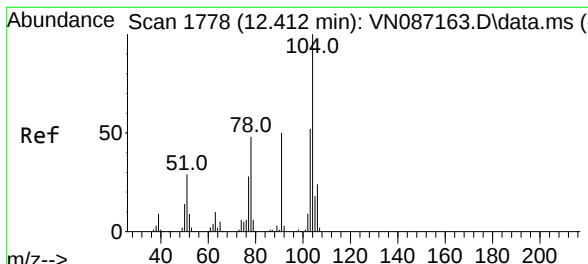
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#68
o-Xylene
Concen: 101.641 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

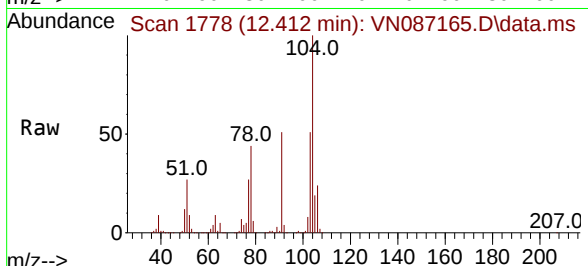
Tgt Ion:106 Resp: 432376
Ion Ratio Lower Upper
106 100
91 212.8 107.1 321.1





#69
Styrene
Concen: 104.745 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

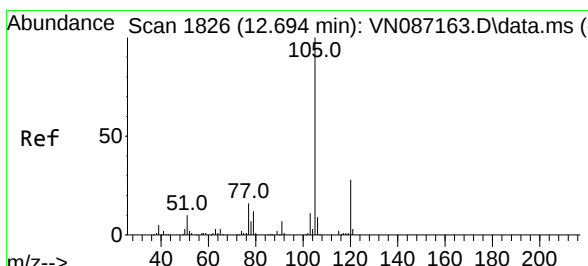
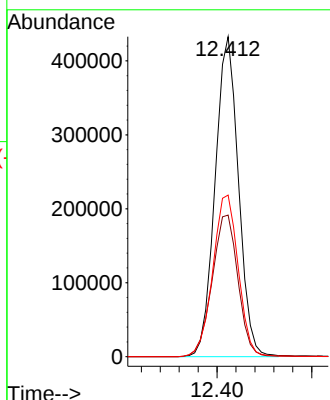
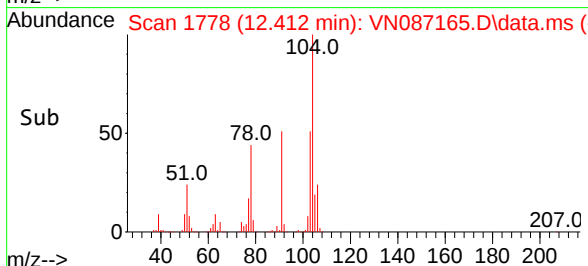
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



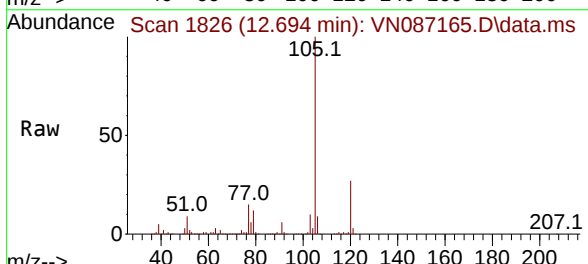
Tgt Ion:104 Resp: 742364
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.8
103 54.9 44.2 66.4

Manual Integrations
APPROVED

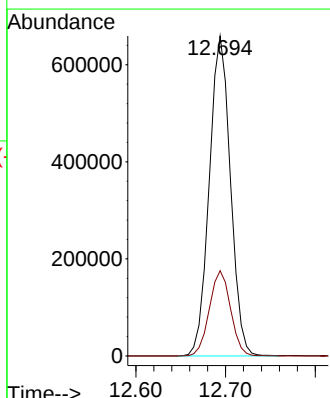
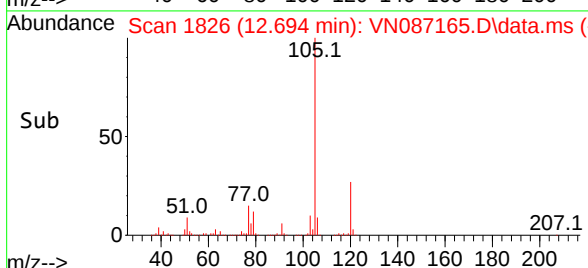
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

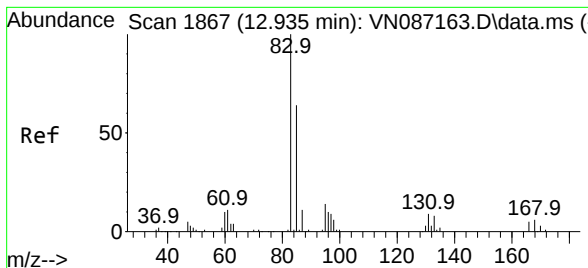


#70
Isopropylbenzene
Concen: 106.734 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03



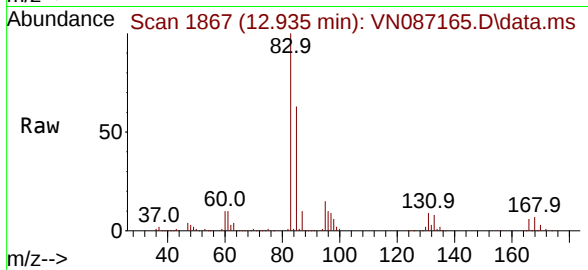
Tgt Ion:105 Resp: 1079915
Ion Ratio Lower Upper
105 100
120 26.7 19.0 35.2





#71
 1,1,2,2-Tetrachloroethane
 Concen: 154.224 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

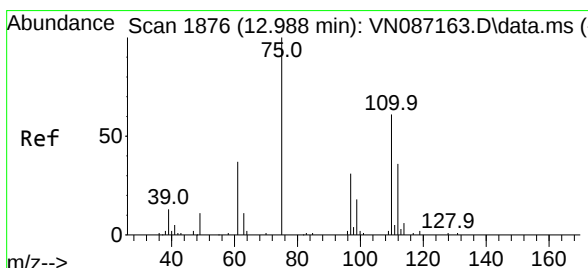
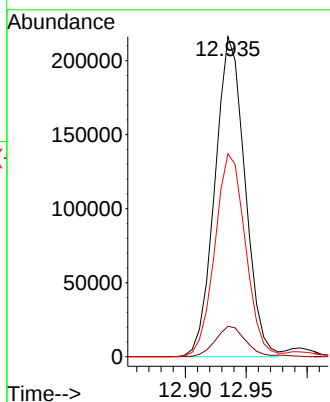
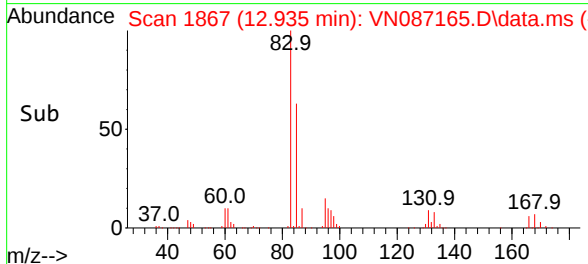
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



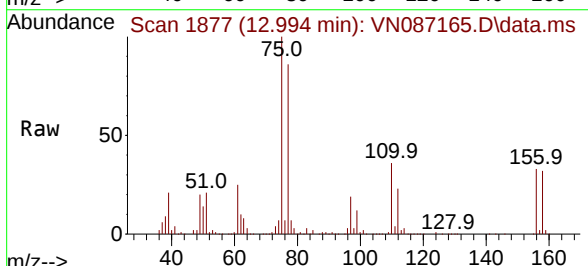
Tgt Ion: 83 Resp: 37099
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.5 13.4
 85 64.7 31.3 93.9

Manual Integrations
 APPROVED

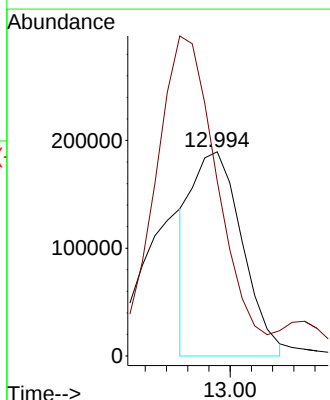
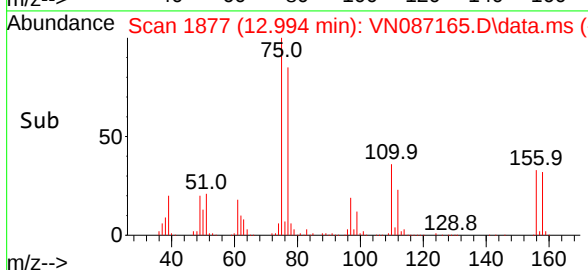
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025

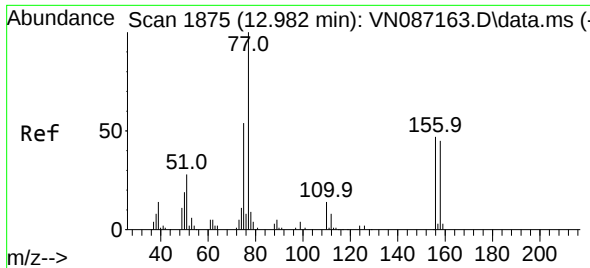


#72
 1,2,3-Trichloropropane
 Concen: 111.241 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03



Tgt Ion: 75 Resp: 313625
 Ion Ratio Lower Upper
 75 100
 77 194.8 0.0 379.2





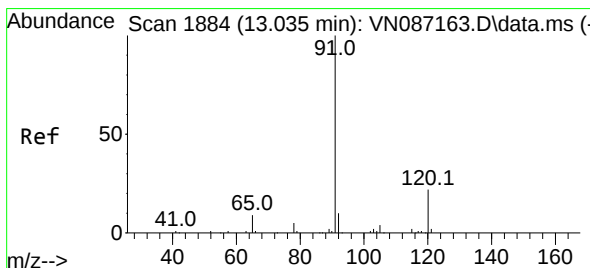
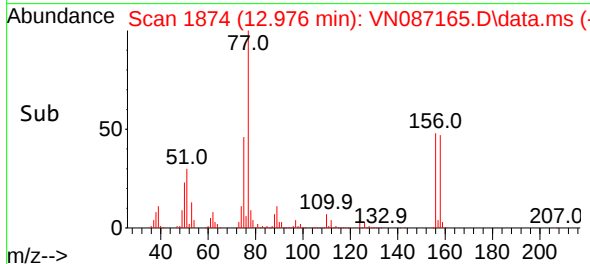
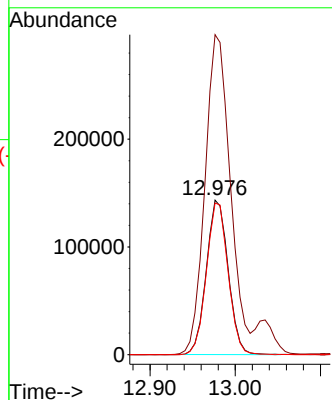
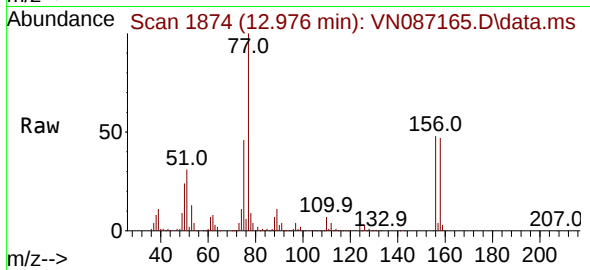
#73
Bromobenzene
Concen: 101.447 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 255120
Ion Ratio Lower Upper
156 100
77 239.5 0.0 489.0
158 97.7 0.0 195.2

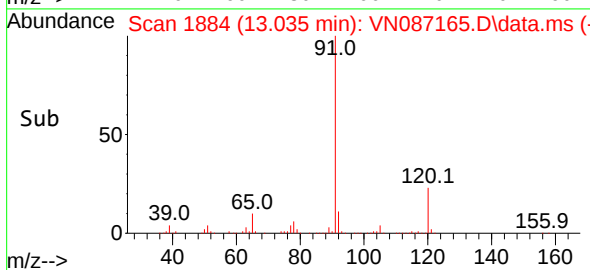
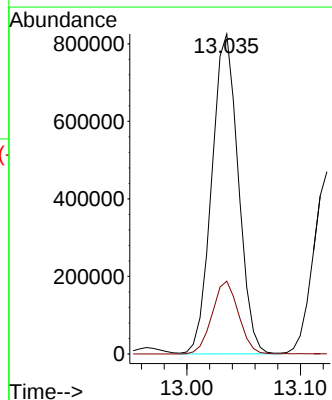
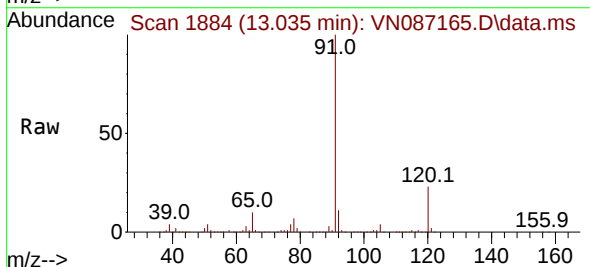
Manual Integrations
APPROVED

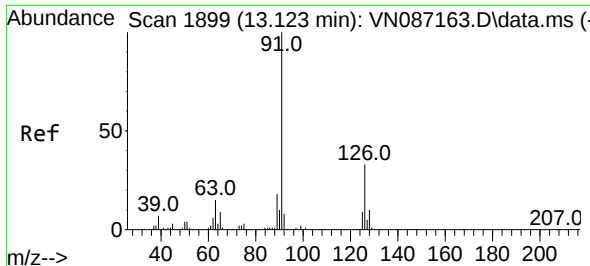
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#74
n-propylbenzene
Concen: 111.580 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 91 Resp: 1337231
Ion Ratio Lower Upper
91 100
120 22.6 0.0 43.6





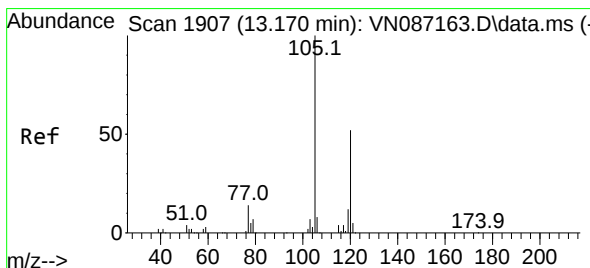
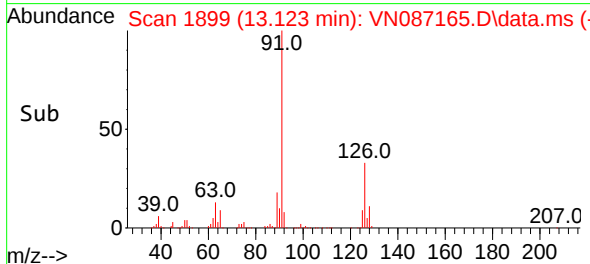
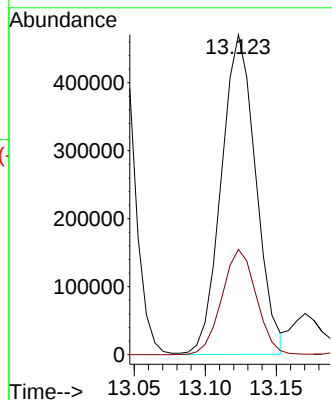
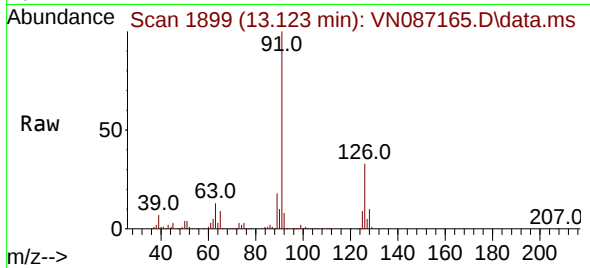
#75
2-Chlorotoluene
Concen: 103.407 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 79544
Ion Ratio Lower Upper
91 100
126 32.8 0.0 63.8

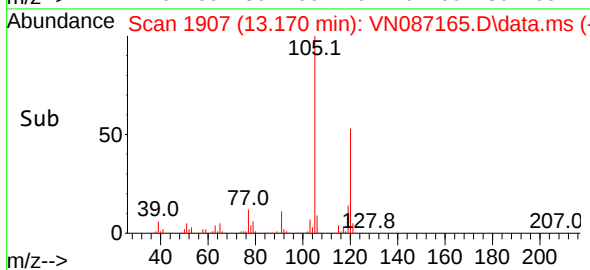
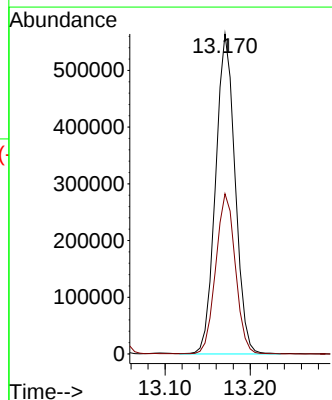
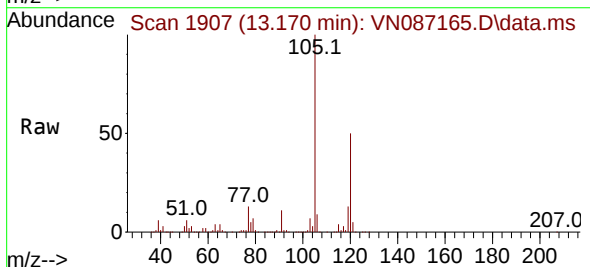
Manual Integrations
APPROVED

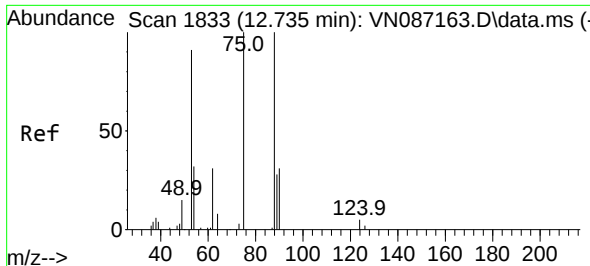
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#76
1,3,5-Trimethylbenzene
Concen: 106.611 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

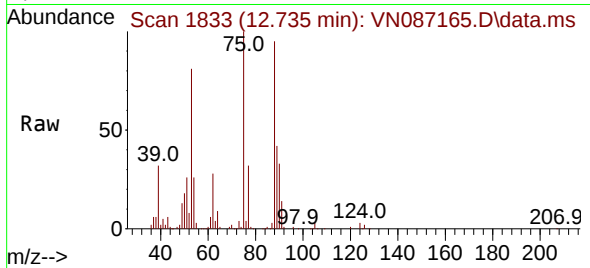
Tgt Ion:105 Resp: 897353
Ion Ratio Lower Upper
105 100
120 50.3 0.0 100.8





#77
t-1,4-Dichloro-2-butene
Concen: 133.783 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

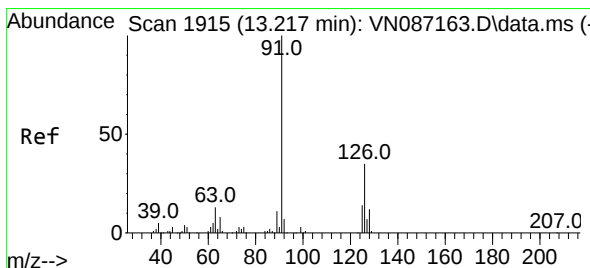
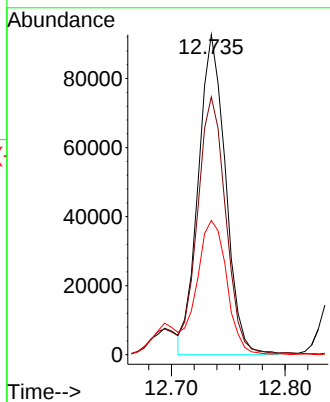
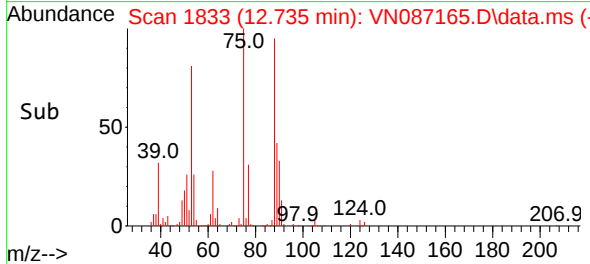
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 15435
Ion Ratio Lower Upper
75 100
53 80.5 45.9 137.6
89 41.9 22.3 66.9

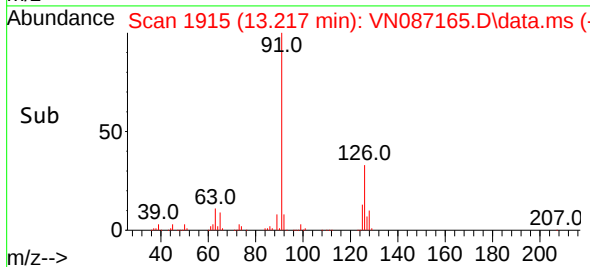
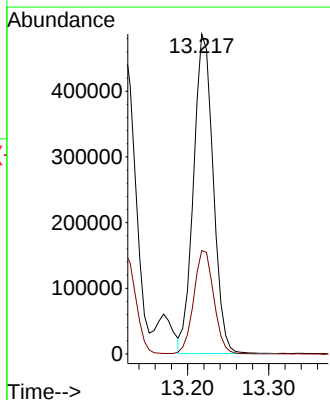
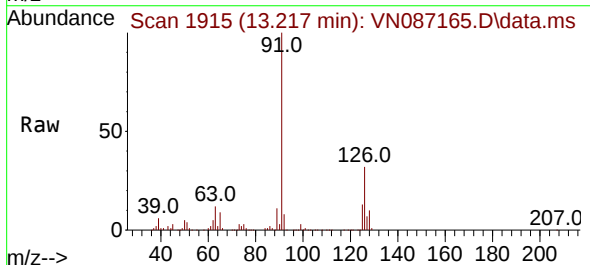
Manual Integrations
APPROVED

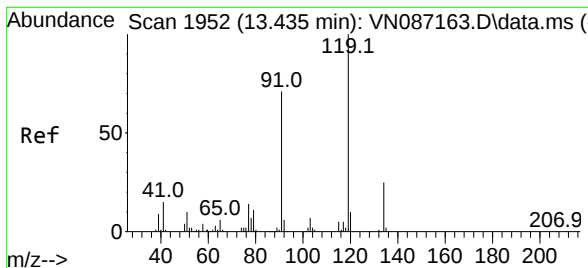
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#78
4-Chlorotoluene
Concen: 107.520 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 91 Resp: 819288
Ion Ratio Lower Upper
91 100
126 32.8 0.0 65.2





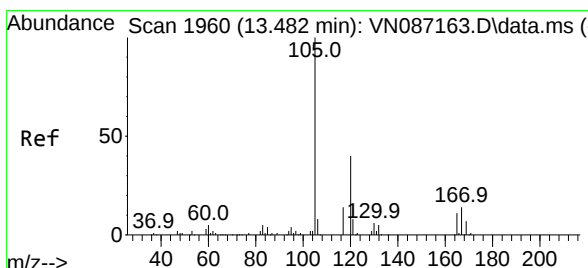
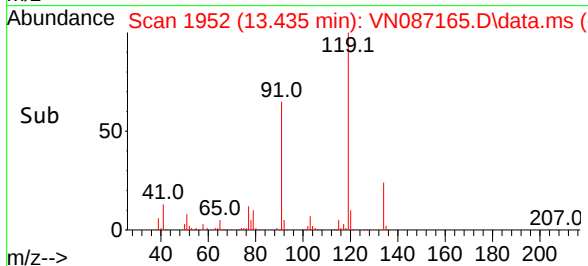
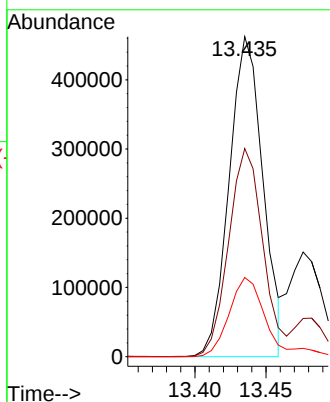
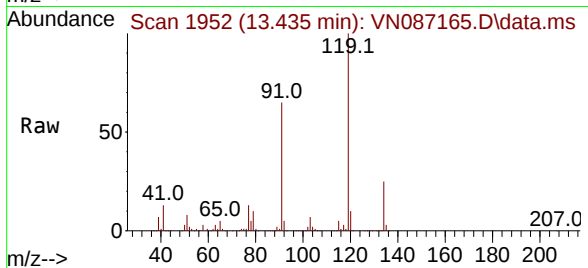
#79
tert-butylbenzene
Concen: 105.123 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 765014
Ion Ratio Lower Upper
119 100
91 66.1 0.0 137.0
134 25.2 0.0 49.4

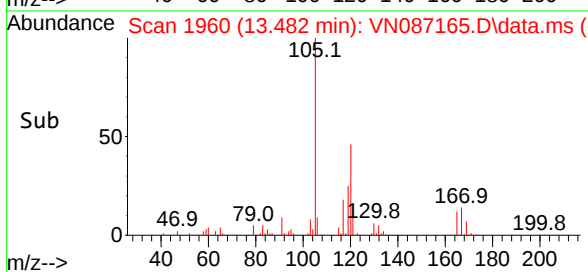
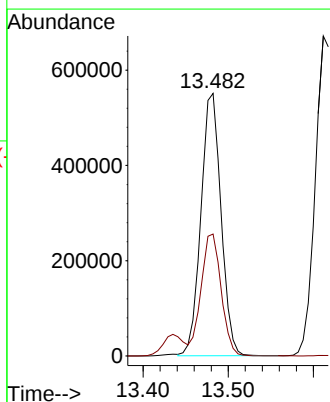
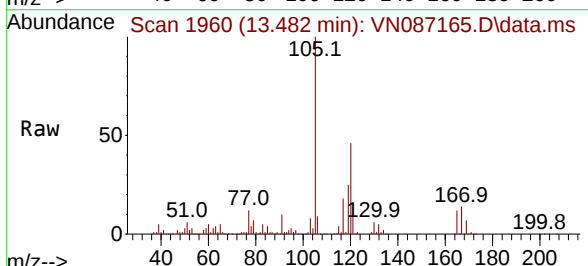
Manual Integrations
APPROVED

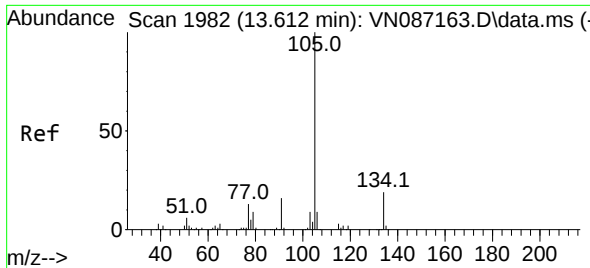
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#80
1,2,4-Trimethylbenzene
Concen: 106.945 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion:105 Resp: 903551
Ion Ratio Lower Upper
105 100
120 46.3 0.0 94.0





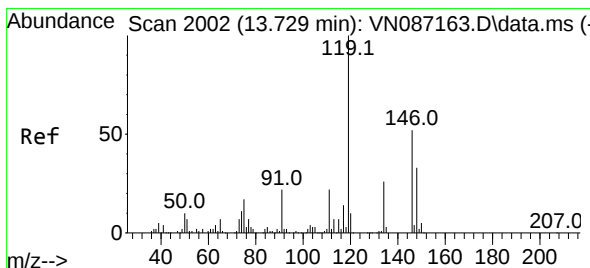
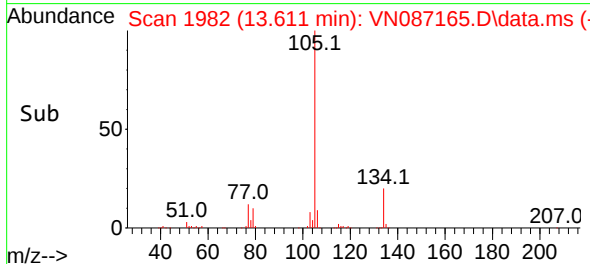
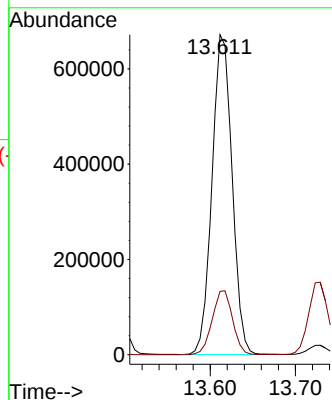
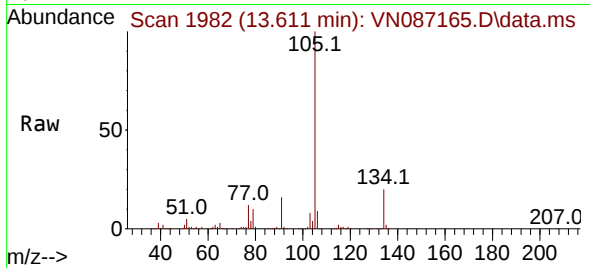
#81
 sec-Butylbenzene
 Concen: 110.769 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 109818
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 39.4

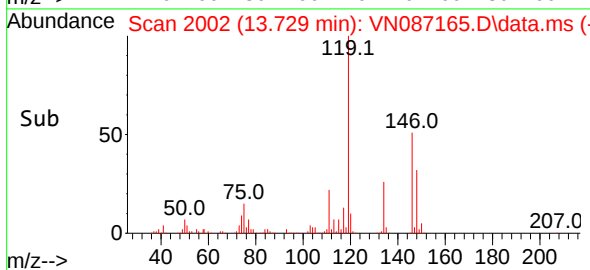
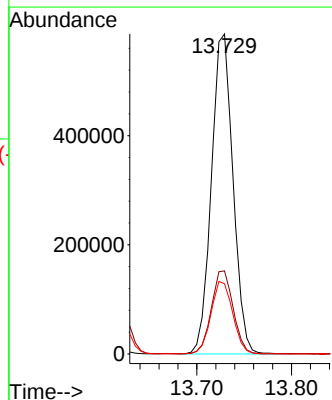
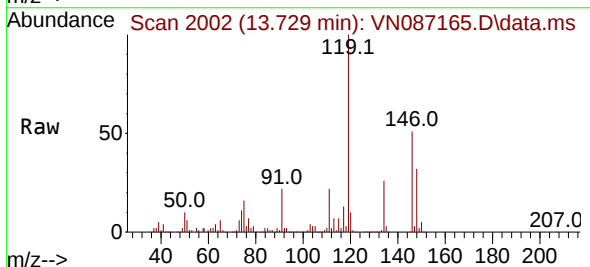
Manual Integrations
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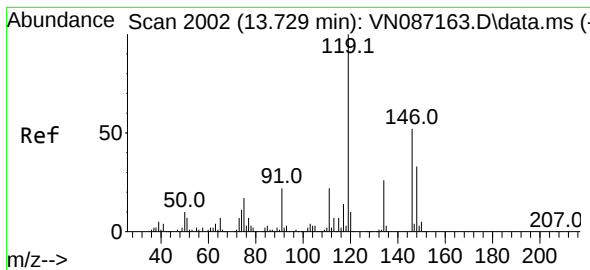
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025



#82
 p-Isopropyltoluene
 Concen: 111.672 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087165.D
 Acq: 25 Jun 2025 10:03

Tgt Ion:119 Resp: 929641
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 51.2
 91 22.8 0.0 46.4





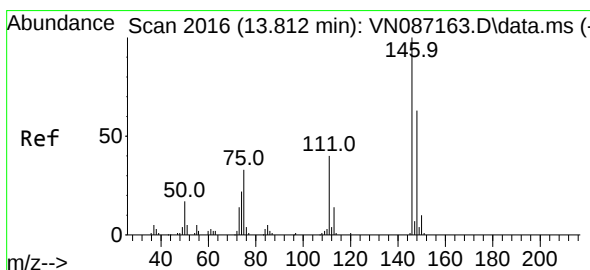
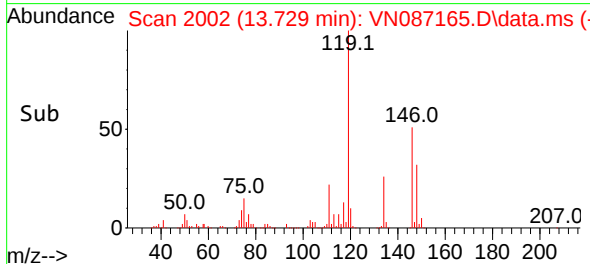
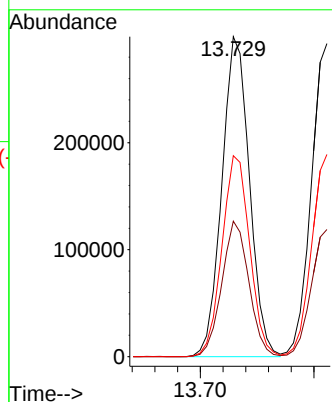
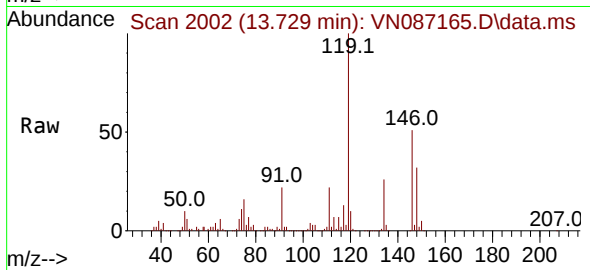
#83
1,3-Dichlorobenzene
Concen: 109.250 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:146 Resp: 50402
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.3
148 63.2 31.6 94.8

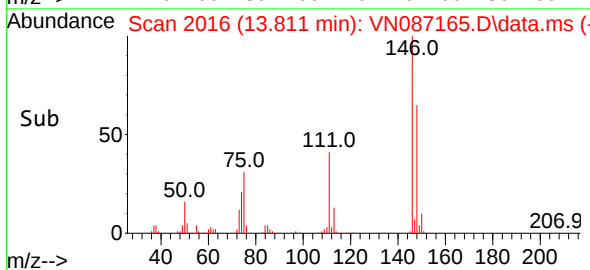
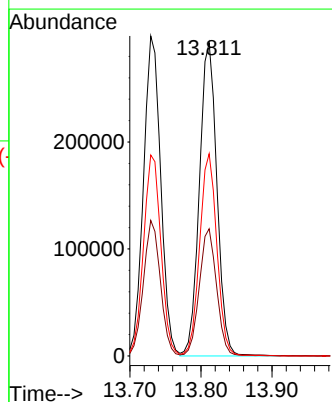
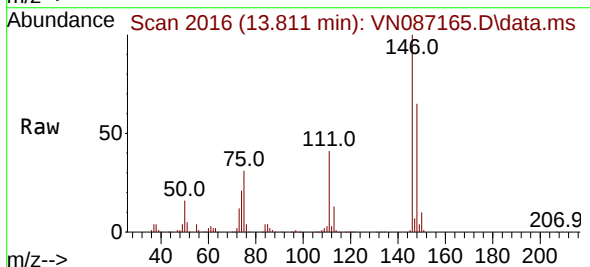
Manual Integrations
APPROVED

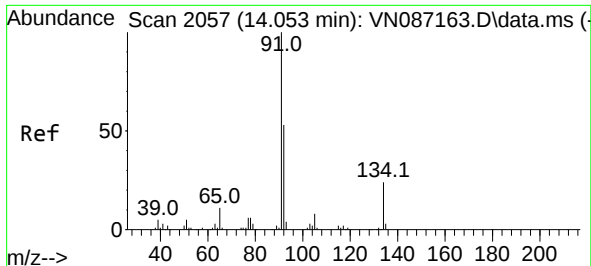
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#84
1,4-Dichlorobenzene
Concen: 109.765 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion:146 Resp: 503947
Ion Ratio Lower Upper
146 100
111 39.4 20.1 60.2
148 63.4 31.4 94.2





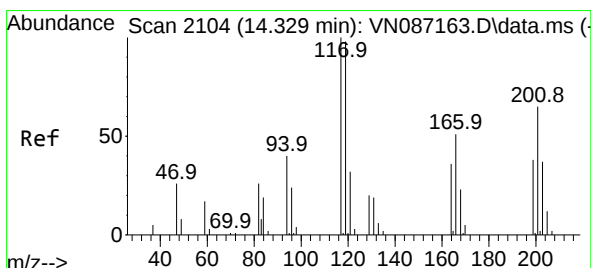
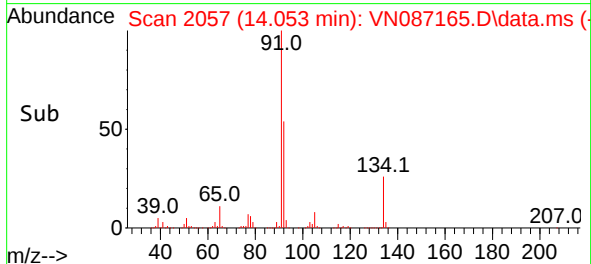
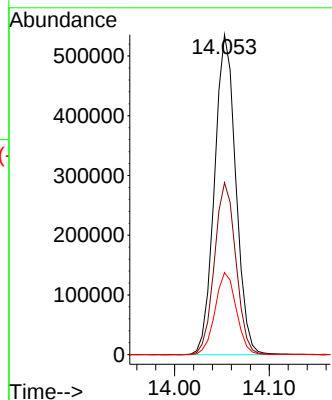
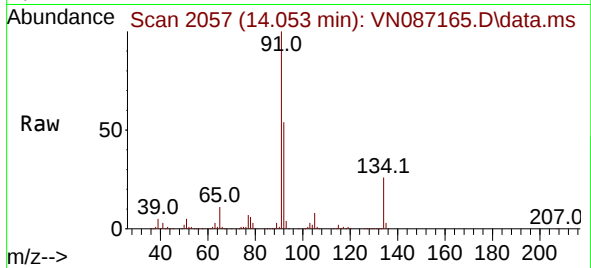
#85
n-Butylbenzene
Concen: 120.131 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 837235
Ion Ratio Lower Upper
91 100
92 54.1 0.0 106.4
134 25.7 0.0 48.8

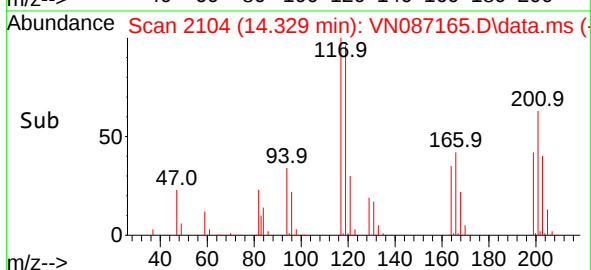
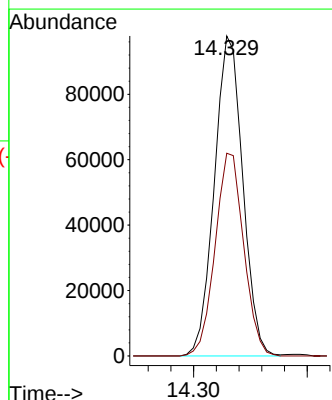
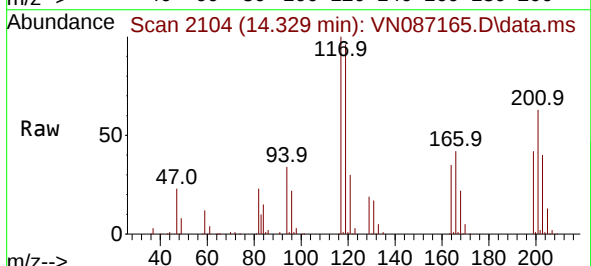
Manual Integrations
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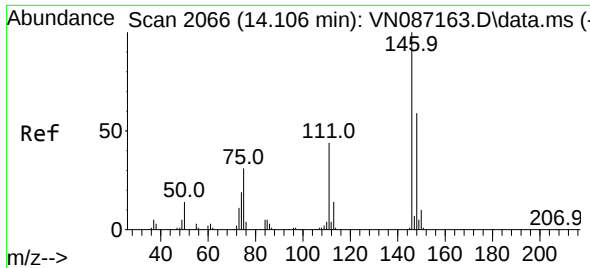
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#86
Hexachloroethane
Concen: 119.744 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

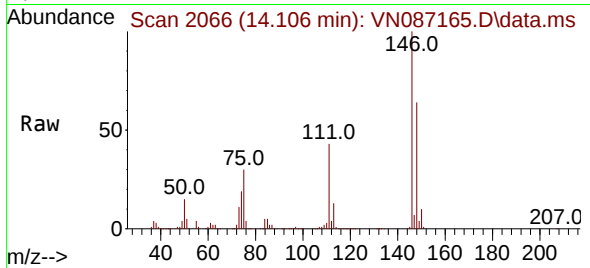
Tgt Ion:117 Resp: 169893
Ion Ratio Lower Upper
117 100
201 63.7 30.8 92.3





#87
1,2-Dichlorobenzene
Concen: 107.409 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

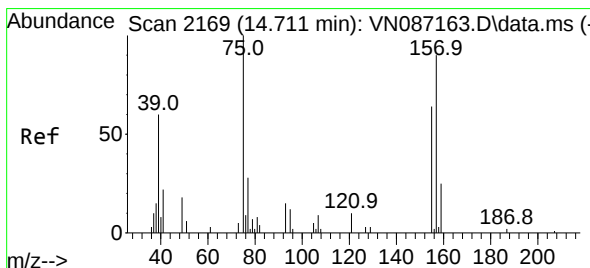
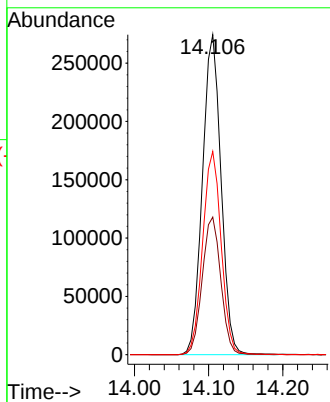
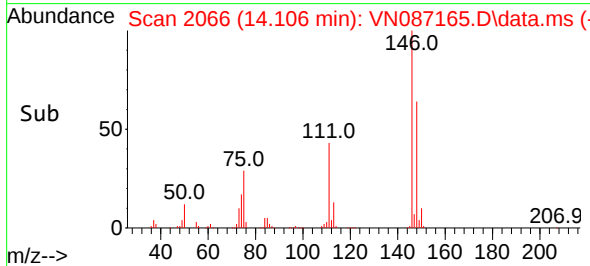
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 478012
Ion Ratio Lower Upper
146 100
111 42.9 22.1 66.1
148 63.2 31.6 95.0

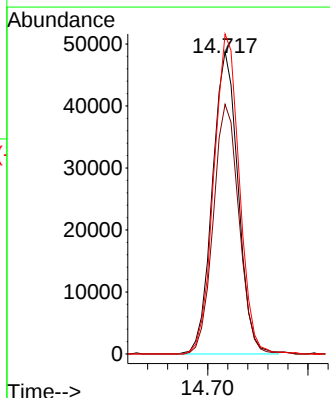
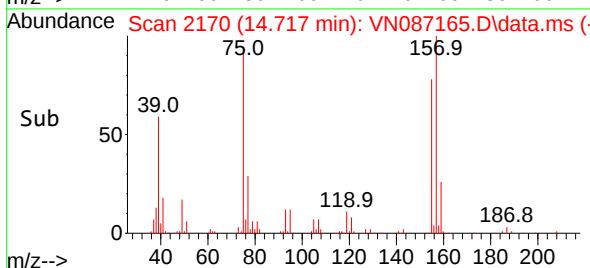
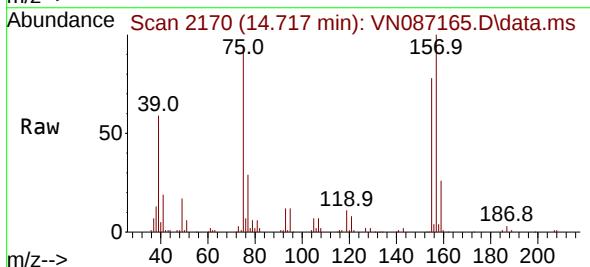
Manual Integrations
APPROVED

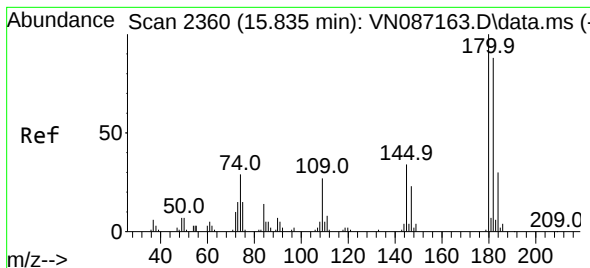
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 171.007 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion: 75 Resp: 86628
Ion Ratio Lower Upper
75 100
155 82.3 58.3 87.5
157 105.0 79.2 118.8





#89

1,2,4-Trichlorobenzene

Concen: 147.614 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 27493

Ion Ratio Lower Upper

180 100

182 94.0 74.2 111.2

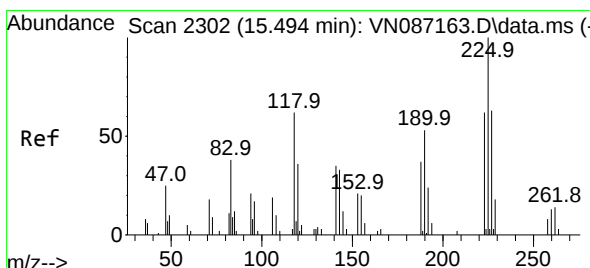
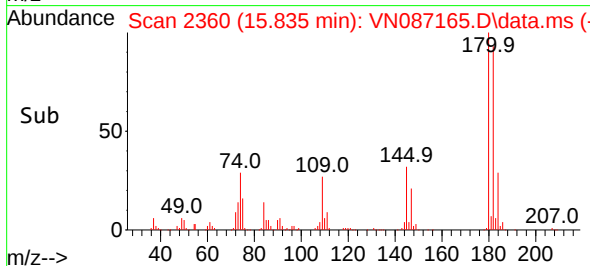
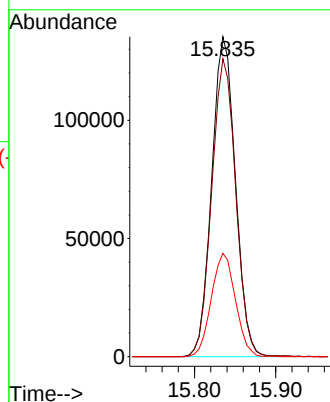
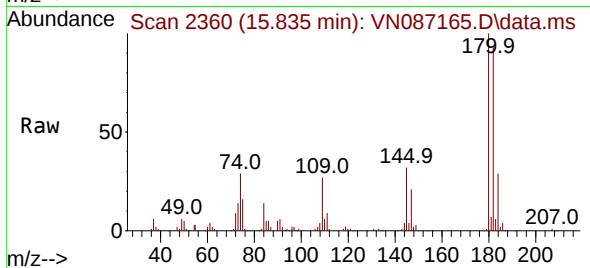
145 32.8 27.6 41.4

Manual Integrations

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Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#90

Hexachlorobutadiene

Concen: 98.806 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN087165.D

Acq: 25 Jun 2025 10:03

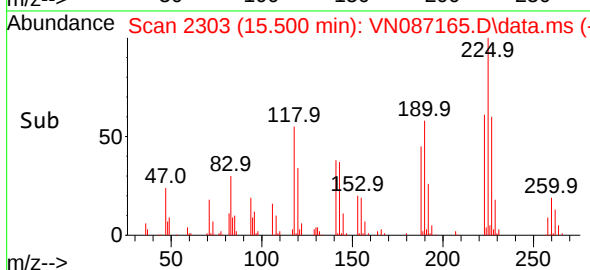
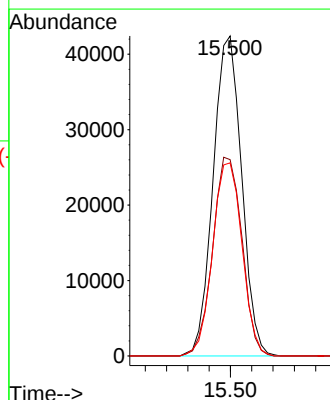
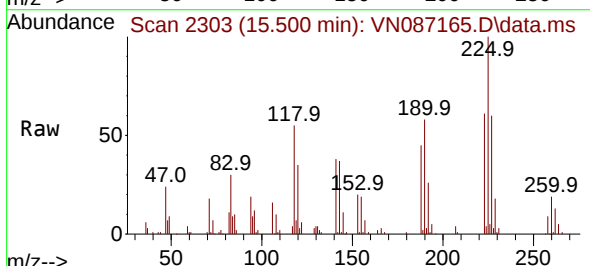
Tgt Ion:225 Resp: 78874

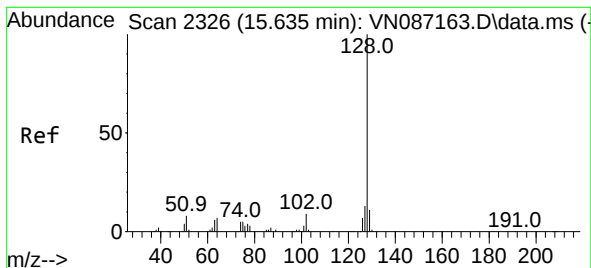
Ion Ratio Lower Upper

225 100

223 63.7 0.0 134.2

227 62.2 0.0 122.6





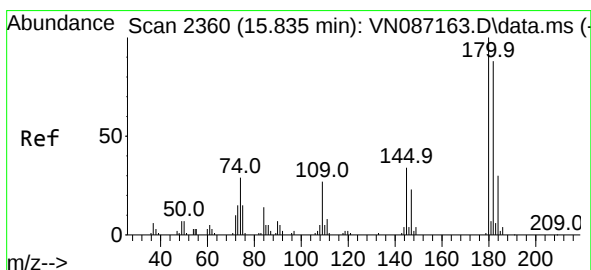
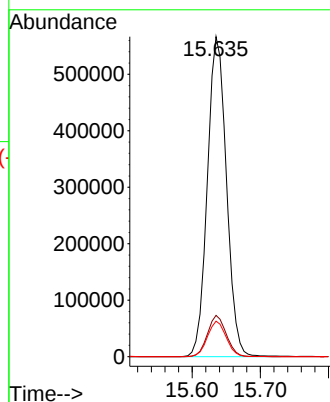
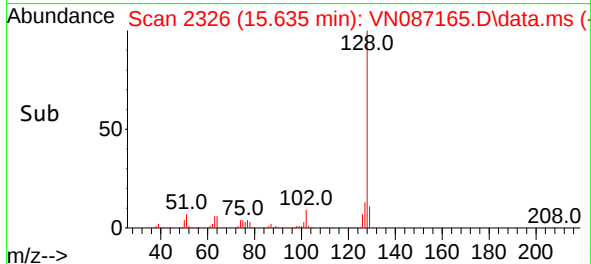
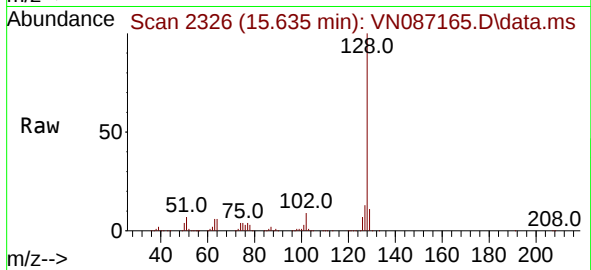
#91
Naphthalene
Concen: 170.116 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 110549
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.9 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#92
1,2,3-Trichlorobenzene
Concen: 147.614 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087165.D
Acq: 25 Jun 2025 10:03

Tgt Ion:180 Resp: 274932
Ion Ratio Lower Upper
180 100
182 94.0 0.0 185.4
145 32.8 0.0 69.0

