

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087138.D
 Acq On : 20 Jun 2025 14:48
 Operator : JC\MD
 Sample : VN0620MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/23/2025
 Supervised By : Mahesh Dadoda 06/23/2025

Quant Time: Jun 20 23:06:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	157684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	276593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	97419	46.144	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.280%			
35) Dibromofluoromethane	8.171	113	88968	54.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.560%			
50) Toluene-d8	10.565	98	343777	52.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.960%			
62) 4-Bromofluorobenzene	12.847	95	122657	50.877	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	31222	19.859	ug/l	99
3) Chloromethane	2.401	50	33279	16.392	ug/l	99
4) Vinyl Chloride	2.554	62	43027	20.545	ug/l	100
5) Bromomethane	3.001	94	24709	21.083	ug/l	95
6) Chloroethane	3.159	64	25441	18.806	ug/l	94
7) Trichlorofluoromethane	3.530	101	49764	18.187	ug/l	97
8) Diethyl Ether	3.983	74	23946	20.086	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.401	101	35481	20.639	ug/l	99
10) Methyl Iodide	4.618	142	22700	10.186	ug/l #	96
11) Tert butyl alcohol	5.530	59	43413	75.783	ug/l	99
12) 1,1-Dichloroethene	4.371	96	36142	20.593	ug/l	95
13) Acrolein	4.206	56	20508	113.098	ug/l	97
14) Allyl chloride	5.053	41	51049	17.539	ug/l	96
15) Acrylonitrile	5.736	53	119401	89.174	ug/l	100
16) Acetone	4.448	43	88730	79.252	ug/l	99
17) Carbon Disulfide	4.736	76	100527	20.707	ug/l	96
18) Methyl Acetate	5.048	43	51748	15.861	ug/l	94
19) Methyl tert-butyl Ether	5.812	73	122752	19.317	ug/l	99
20) Methylene Chloride	5.300	84	40366	19.258	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	38358	19.644	ug/l	93
22) Diisopropyl ether	6.689	45	107809	17.571	ug/l	98
23) Vinyl Acetate	6.618	43	481515	92.888	ug/l	99
24) 1,1-Dichloroethane	6.583	63	70183	19.877	ug/l	99
25) 2-Butanone	7.489	43	131081	72.028	ug/l	98
26) 2,2-Dichloropropane	7.500	77	52481	19.108	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	42331	18.127	ug/l	98
28) Bromochloromethane	7.824	49	30092	17.334	ug/l	95
29) Tetrahydrofuran	7.847	42	88659	74.785	ug/l	96
30) Chloroform	7.971	83	62338	17.679	ug/l	97
31) Cyclohexane	8.265	56	57067	16.666	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	56031	18.683	ug/l	95
36) 1,1-Dichloropropene	8.377	75	46242	18.932	ug/l	98
37) Ethyl Acetate	7.565	43	52272	16.811	ug/l	96
38) Carbon Tetrachloride	8.365	117	46082	19.217	ug/l	99
39) Methylcyclohexane	9.600	83	52917	15.813	ug/l	98
40) Benzene	8.612	78	150830	18.884	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	27760	15.897	ug/l	95
42) 1,2-Dichloroethane	8.671	62	44728	18.463	ug/l	100
43) Isopropyl Acetate	8.688	43	78108	15.651	ug/l	96
44) Trichloroethene	9.353	130	37089	19.584	ug/l	98
45) 1,2-Dichloropropane	9.624	63	35297	18.165	ug/l	100
46) Dibromomethane	9.712	93	24035	18.622	ug/l	98
47) Bromodichloromethane	9.888	83	52466	19.757	ug/l	99
48) Methyl methacrylate	9.683	41	35273	15.357	ug/l	94
49) 1,4-Dioxane	9.694	88	12050	288.372	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	256020	85.218	ug/l	98
52) Toluene	10.630	92	96538	19.778	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	50673	17.065	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	57203	18.004	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	36763	19.574	ug/l	97
56) Ethyl methacrylate	10.882	69	53259	17.804	ug/l	95
57) 1,3-Dichloropropane	11.165	76	64005	19.645	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	164903	92.421	ug/l	99
59) 2-Hexanone	11.206	43	138913	71.783	ug/l	92
60) Dibromochloromethane	11.359	129	39062	19.962	ug/l	99
61) 1,2-Dibromoethane	11.465	107	37827	19.649	ug/l	99
64) Tetrachloroethene	11.100	164	27137	16.389	ug/l	98
65) Chlorobenzene	11.888	112	102726	17.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	29389	15.844	ug/l	97
67) Ethyl Benzene	11.959	91	154262	15.520	ug/l	99
68) m/p-Xylenes	12.071	106	129805	34.115	ug/l	98
69) o-Xylene	12.394	106	65487	17.971	ug/l	94
70) Styrene	12.412	104	111151	17.825	ug/l	98
71) Bromoform	12.576	173	25400	18.481	ug/l #	100
73) Isopropylbenzene	12.694	105	165177	16.567	ug/l	99
74) N-amyl acetate	12.541	43	56328m	16.167	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	59046	17.481	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	55372m	17.021	ug/l	
77) Bromobenzene	12.976	156	41227	18.030	ug/l	97
78) n-propylbenzene	13.035	91	202880	16.744	ug/l	100
79) 2-Chlorotoluene	13.123	91	122858	16.907	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	142152	17.269	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	21196	14.998	ug/l	96
82) 4-Chlorotoluene	13.218	91	120652	16.410	ug/l	99
83) tert-Butylbenzene	13.435	119	117298	15.567	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	138439	16.771	ug/l	99
85) sec-Butylbenzene	13.612	105	168796	15.425	ug/l	99
86) p-Isopropyltoluene	13.723	119	141027	15.591	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	82382	18.312	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	83902	18.293	ug/l	99
89) n-Butylbenzene	14.053	91	129215	14.748	ug/l	98
90) Hexachloroethane	14.329	117	26223	17.103	ug/l	93
91) 1,2-Dichlorobenzene	14.100	146	79370	18.364	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13277	16.436	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	42757	15.492	ug/l	96
94) Hexachlorobutadiene	15.494	225	12637	12.290	ug/l	95
95) Naphthalene	15.635	128	163050	15.872	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	41187	15.020	ug/l	97

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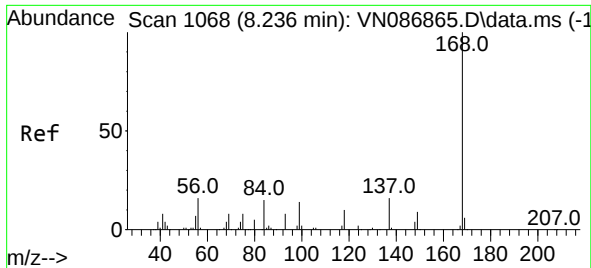
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/23/2025

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Quant Title : SW846 8260
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Response via : Initial Calibration

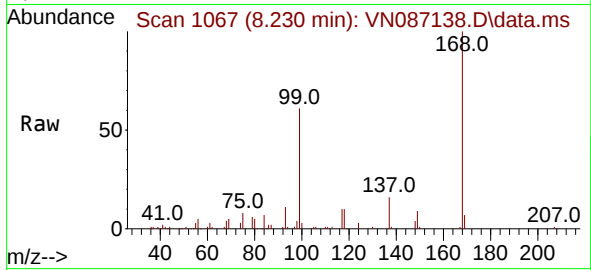
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087138.D
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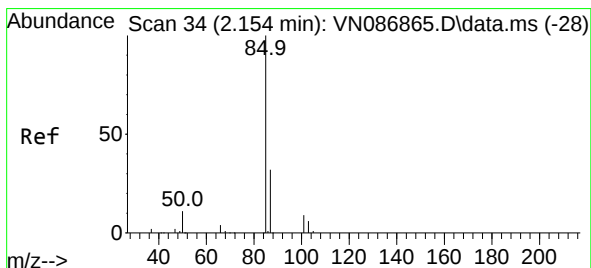
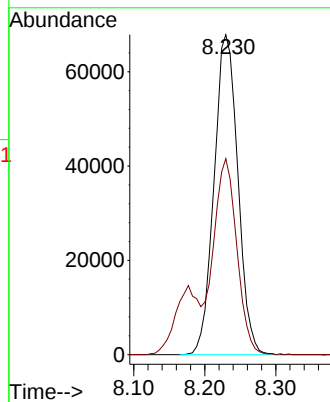
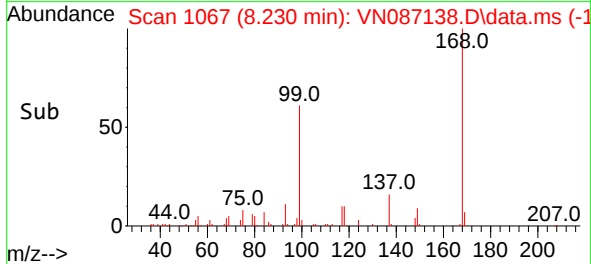
Instrument :
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VN0620MBS01



Tgt Ion:168 Resp: 157684
Ion Ratio Lower Upper
168 100
99 61.0 49.1 73.7

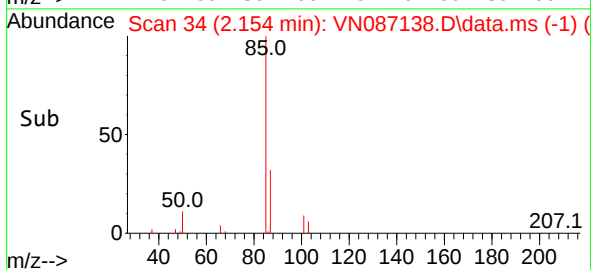
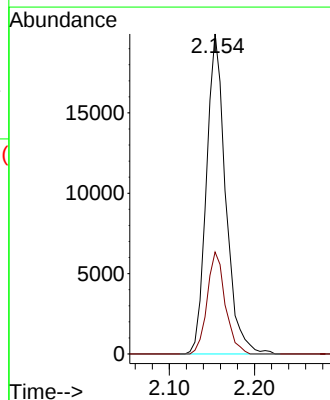
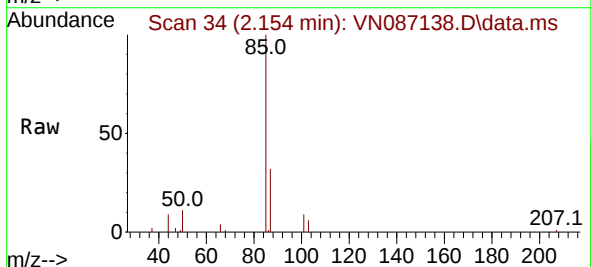
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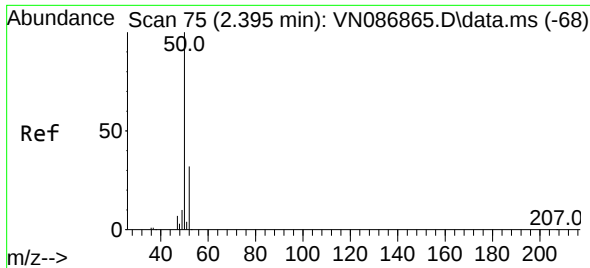
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#2
Dichlorodifluoromethane
Concen: 19.859 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

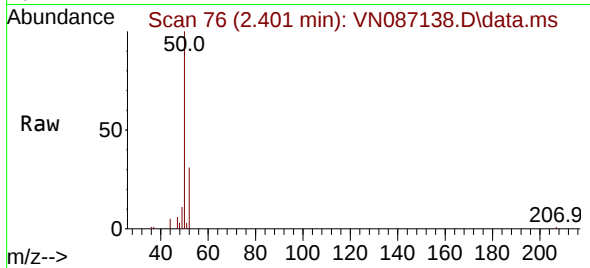
Tgt Ion: 85 Resp: 31222
Ion Ratio Lower Upper
85 100
87 31.8 16.2 48.6





#3
Chloromethane
Concen: 16.392 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

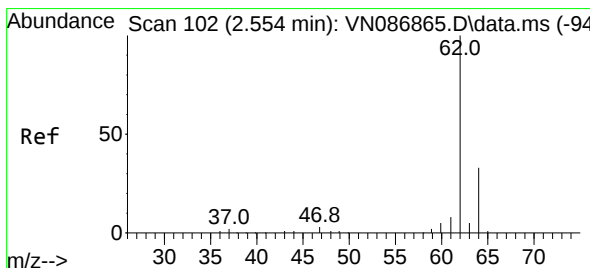
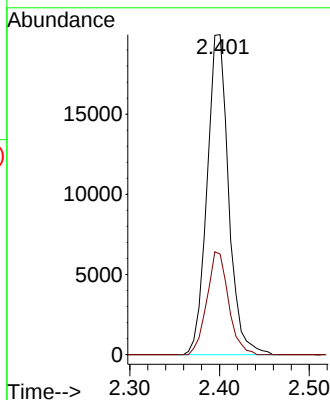
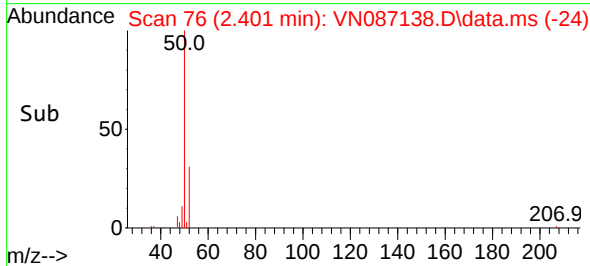
Instrument :
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Tgt Ion: 50 Resp: 33279
Ion Ratio Lower Upper
50 100
52 31.5 25.7 38.5

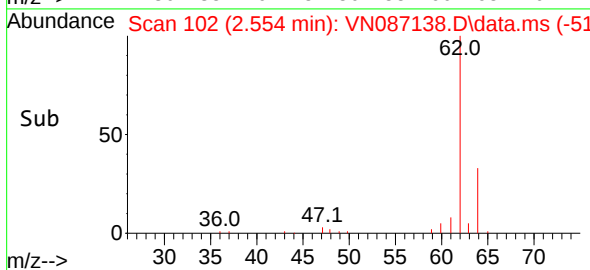
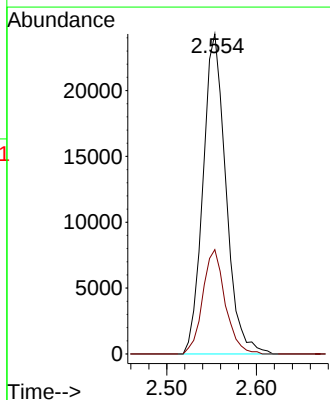
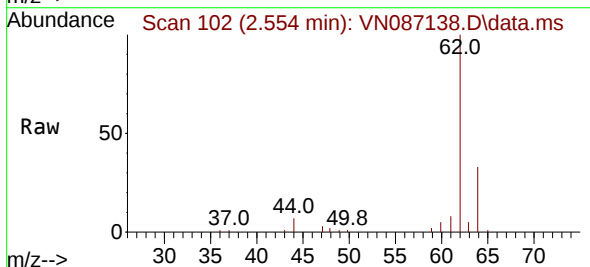
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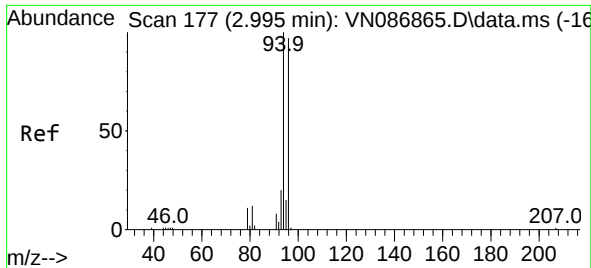
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#4
Vinyl Chloride
Concen: 20.545 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion: 62 Resp: 43027
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0





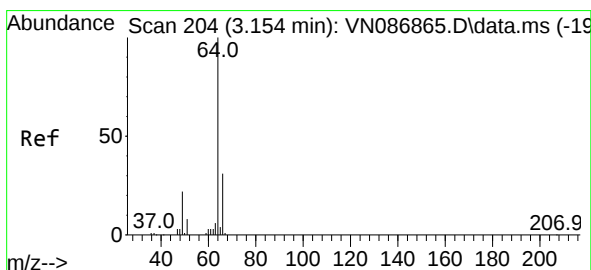
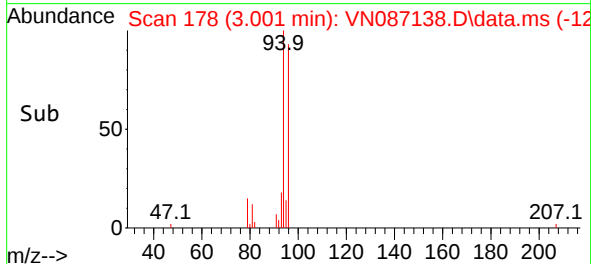
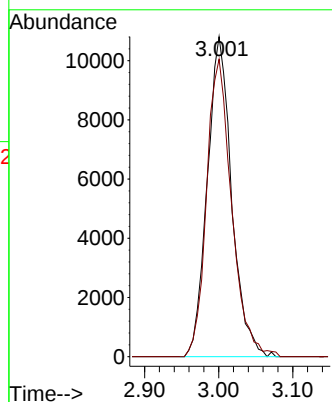
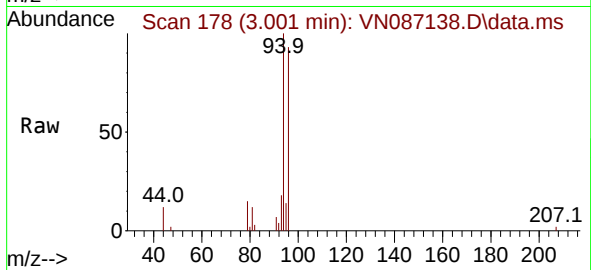
#5
Bromomethane
Concen: 21.083 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
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Tgt Ion: 94 Resp: 24709
Ion Ratio Lower Upper
94 100
96 93.0 77.9 116.9

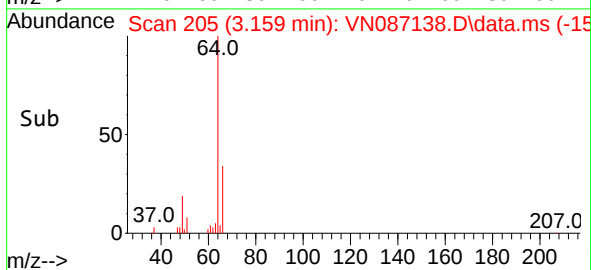
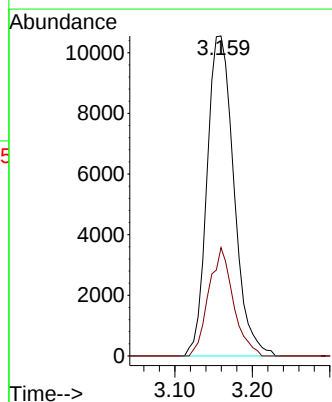
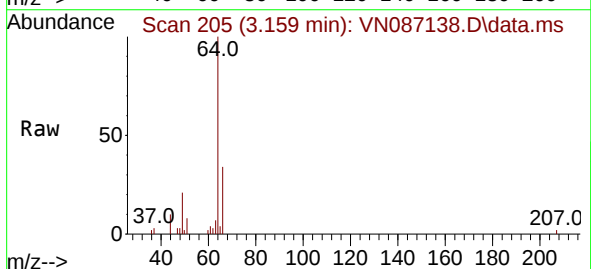
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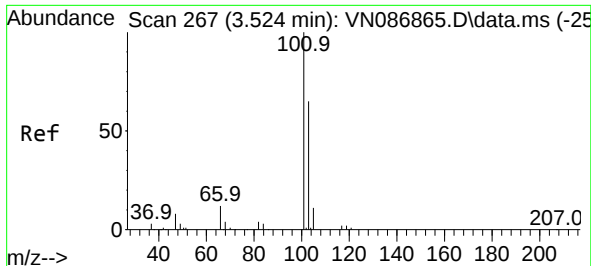
Reviewed By :John Carlone 06/23/2025
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#6
Chloroethane
Concen: 18.806 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

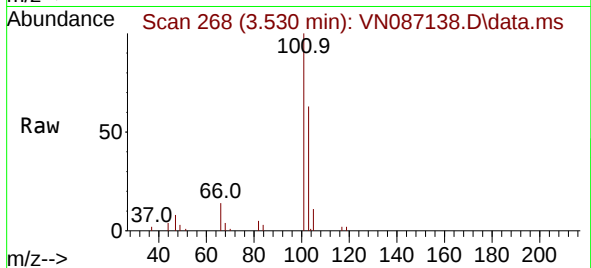
Tgt Ion: 64 Resp: 25441
Ion Ratio Lower Upper
64 100
66 33.9 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.187 ug/l
 RT: 3.530 min Scan# 268
 Delta R.T. 0.006 min
 Lab File: VN087138.D
 Acq: 20 Jun 2025 14:48

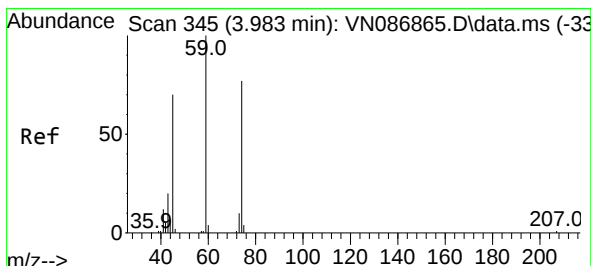
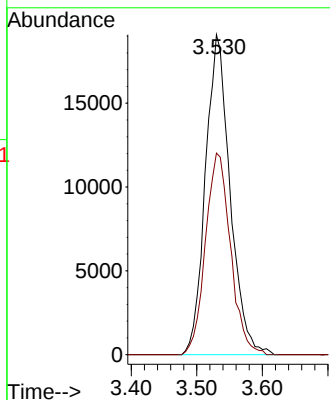
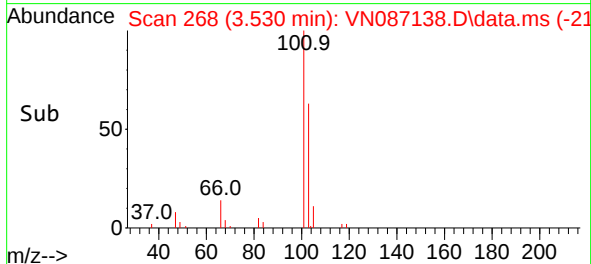
Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion: 101 Resp: 4976
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.2 78.2

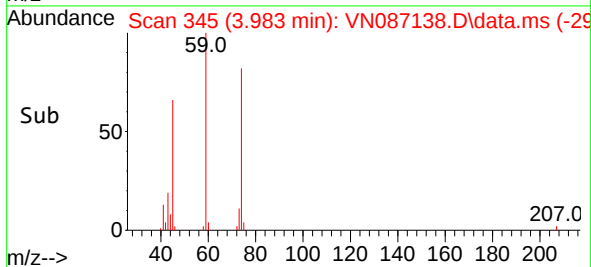
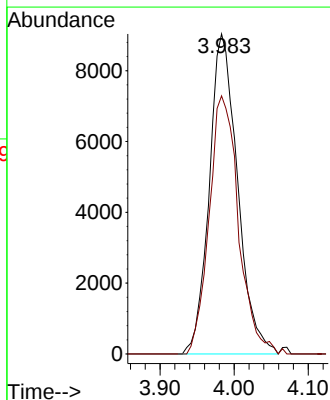
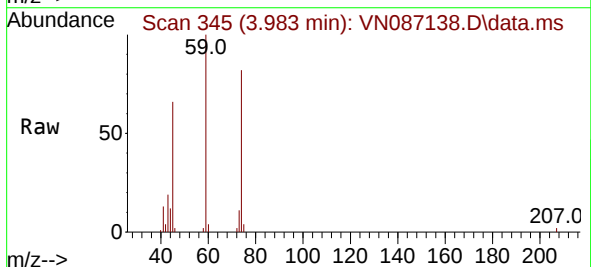
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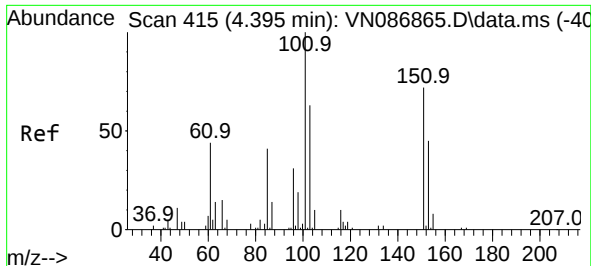
Reviewed By : John Carlone 06/23/2025
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#8
 Diethyl Ether
 Concen: 20.086 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087138.D
 Acq: 20 Jun 2025 14:48

Tgt Ion: 74 Resp: 23946
 Ion Ratio Lower Upper
 74 100
 45 83.8 45.5 136.5





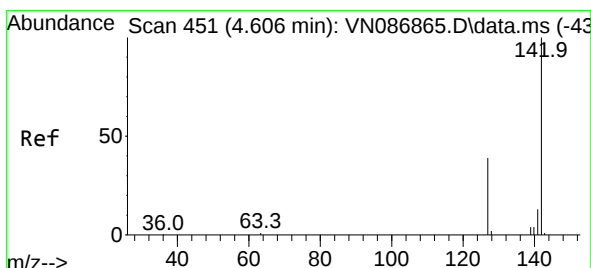
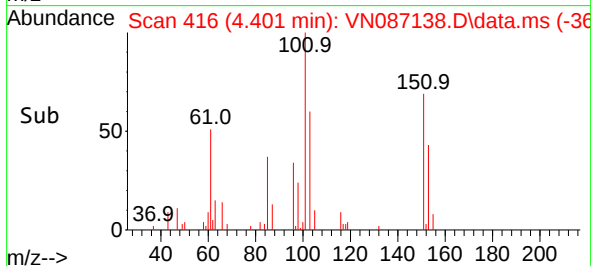
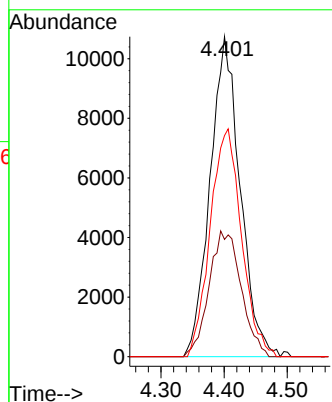
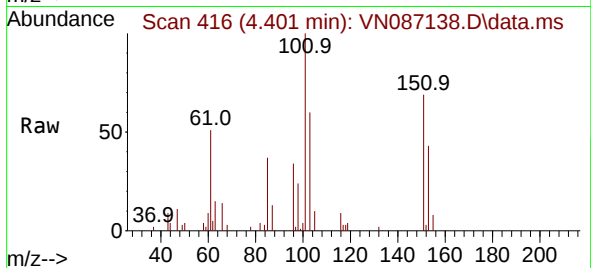
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.639 ug/l
RT: 4.401 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion:101 Resp: 3548
Ion Ratio Lower Upper
101 100
85 42.0 33.8 50.8
151 74.2 58.7 88.1

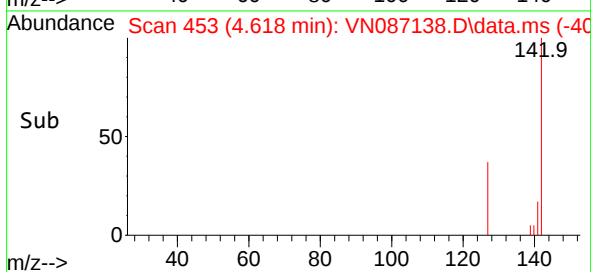
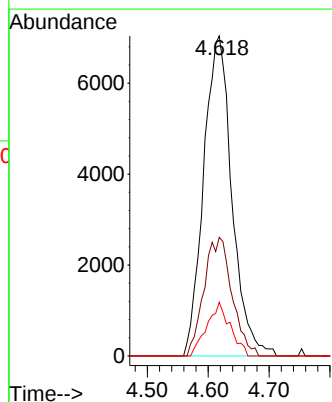
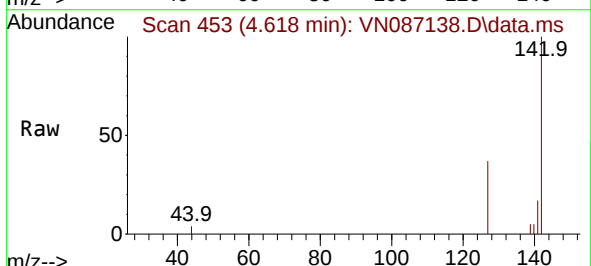
Manual Integrations
APPROVED

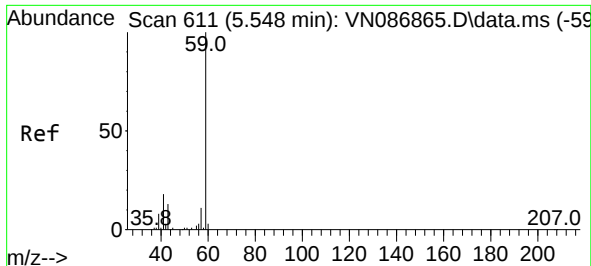
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#10
Methyl Iodide
Concen: 10.186 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion:142 Resp: 22700
Ion Ratio Lower Upper
142 100
127 37.1 30.9 46.3
141 16.8 10.4 15.6#





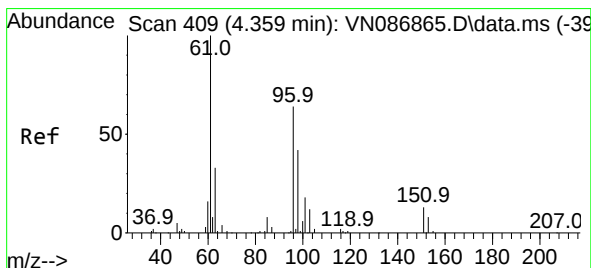
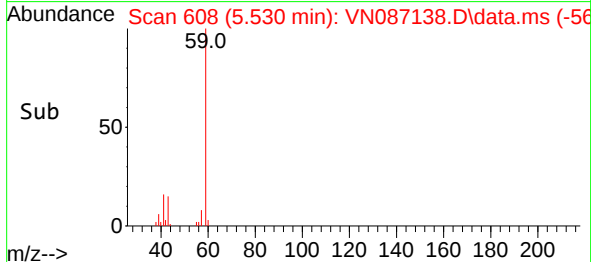
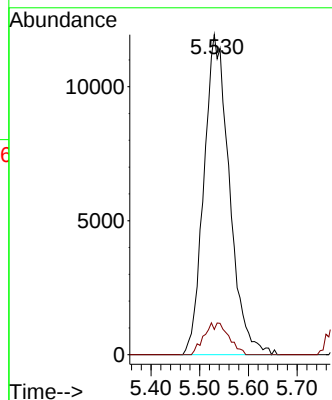
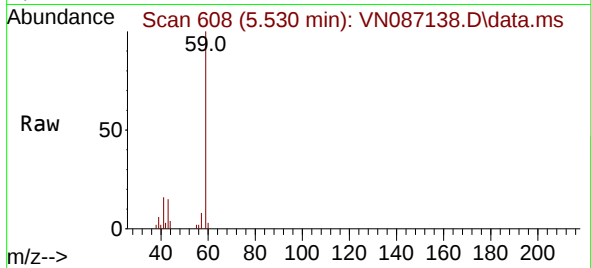
#11
Tert butyl alcohol
Concen: 75.783 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion: 59 Resp: 4341
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1

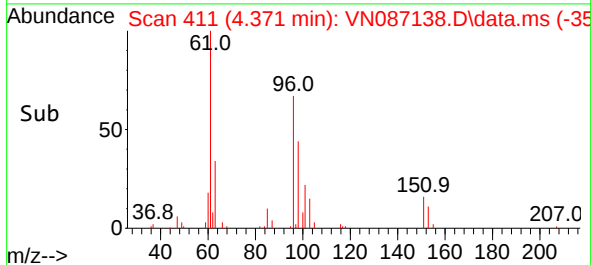
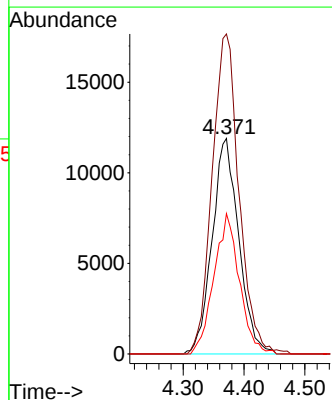
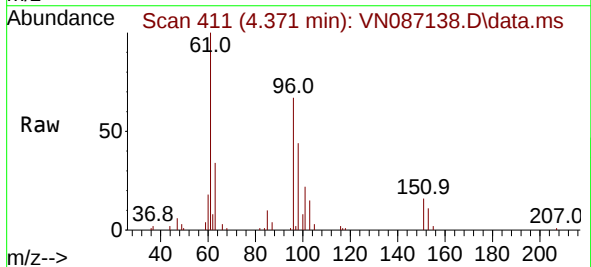
Manual Integrations
APPROVED

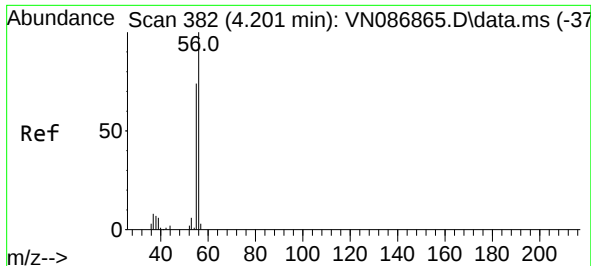
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#12
1,1-Dichloroethene
Concen: 20.593 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

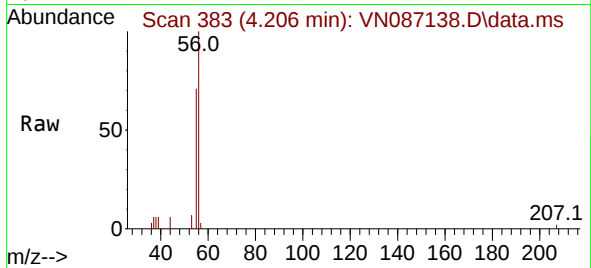
Tgt Ion: 96 Resp: 36142
Ion Ratio Lower Upper
96 100
61 148.5 125.8 188.6
98 65.1 52.5 78.7





#13
Acrolein
Concen: 113.098 ug/l
RT: 4.206 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

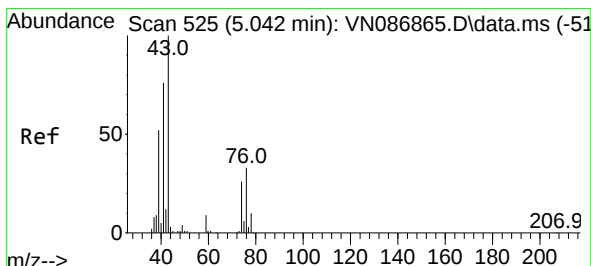
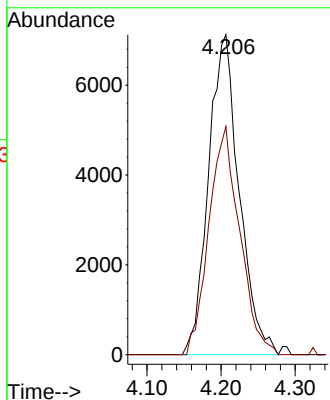
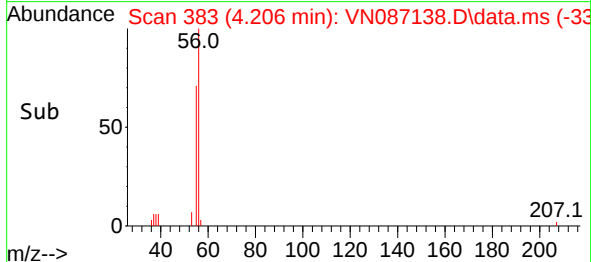
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



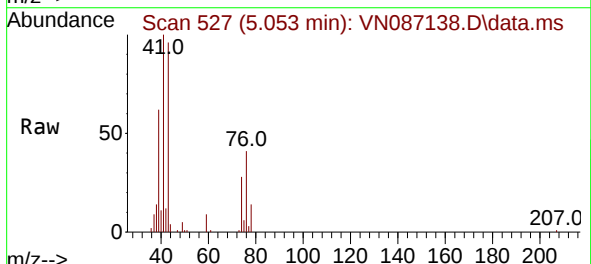
Tgt Ion: 56 Resp: 20508
Ion Ratio Lower Upper
56 100
55 71.5 55.6 83.4

Manual Integrations
APPROVED

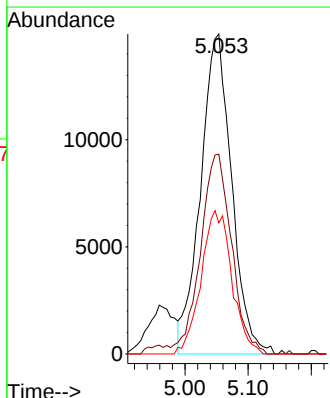
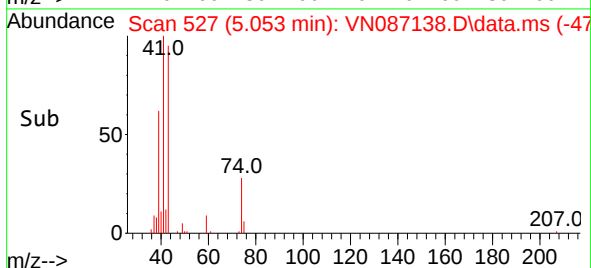
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

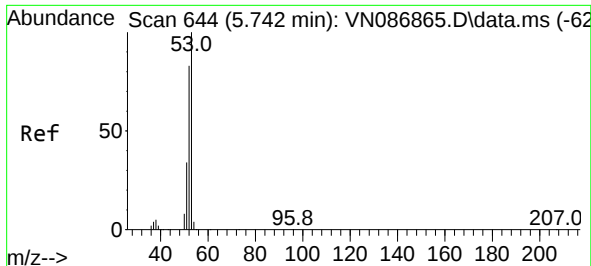


#14
Allyl chloride
Concen: 17.539 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48



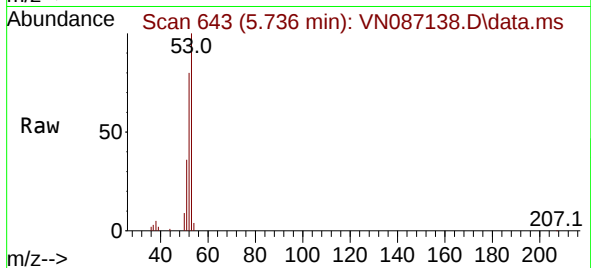
Tgt Ion: 41 Resp: 51049
Ion Ratio Lower Upper
41 100
39 62.6 51.3 76.9
76 44.4 31.4 47.0





#15
Acrylonitrile
Concen: 89.174 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

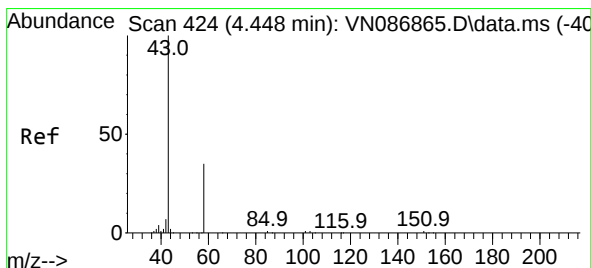
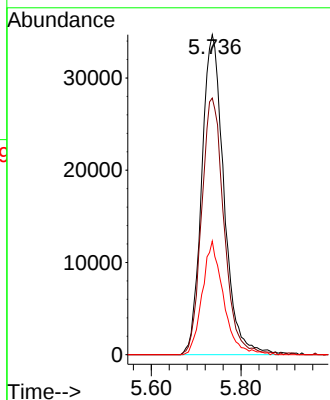
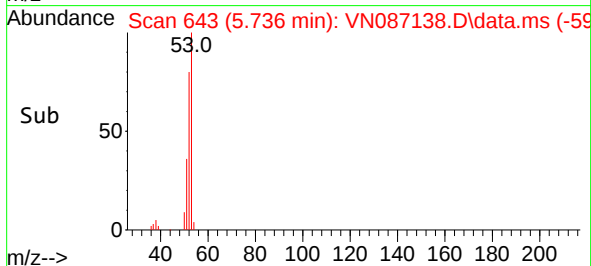
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion: 53 Resp: 11940
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.6
51 33.9 27.2 40.8

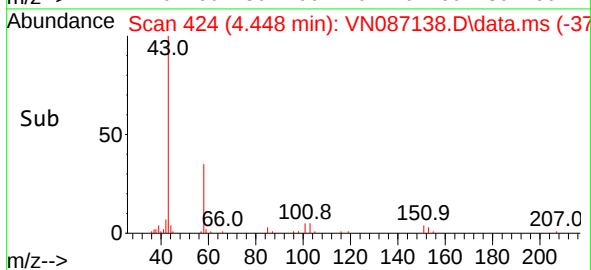
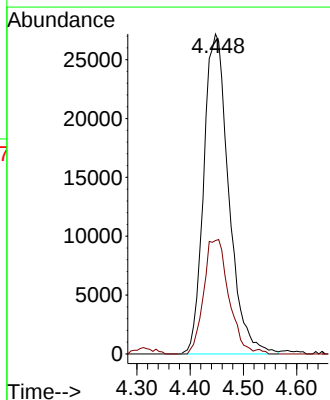
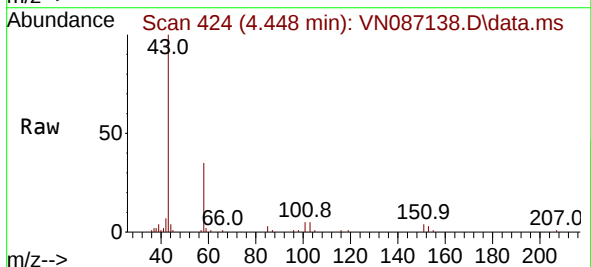
Manual Integrations
APPROVED

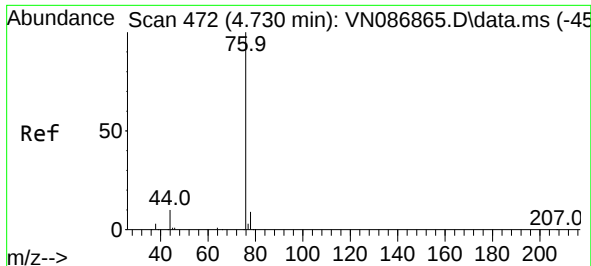
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#16
Acetone
Concen: 79.252 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion: 43 Resp: 88730
Ion Ratio Lower Upper
43 100
58 35.5 28.0 42.0





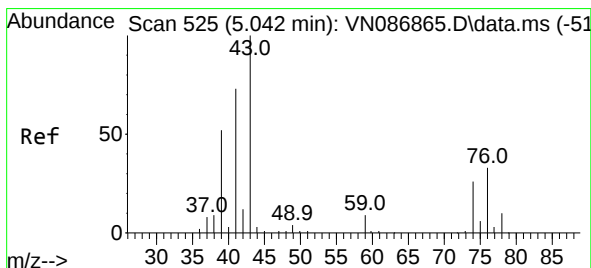
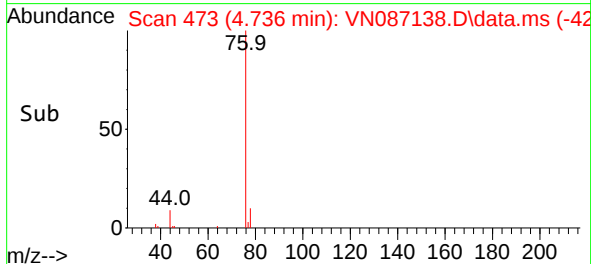
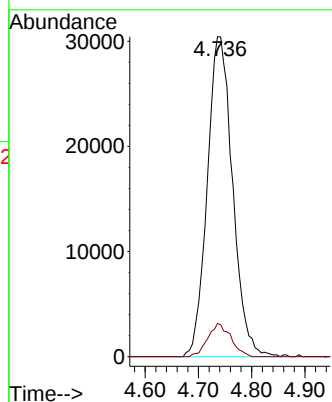
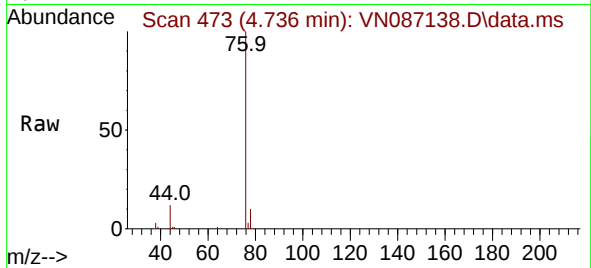
#17
Carbon Disulfide
Concen: 20.707 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion: 76 Resp: 10052
Ion Ratio Lower Upper
76 100
78 10.4 7.3 10.9

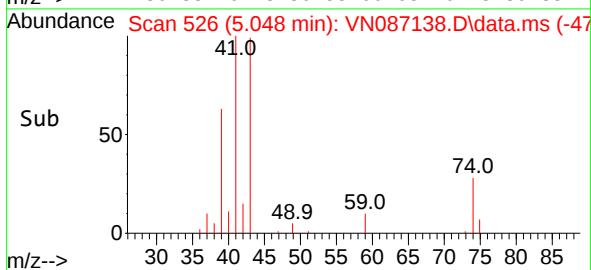
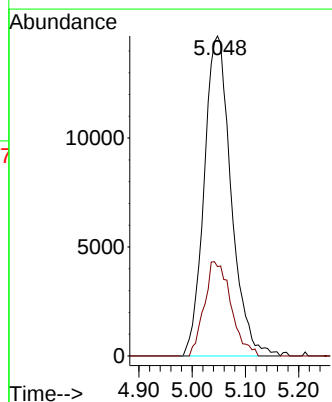
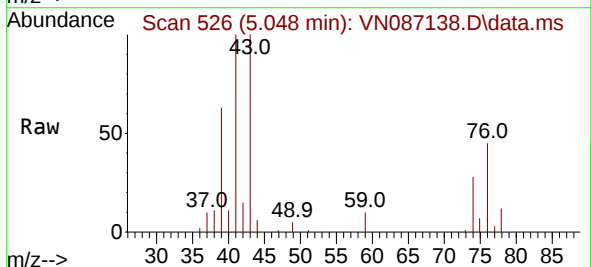
Manual Integrations
APPROVED

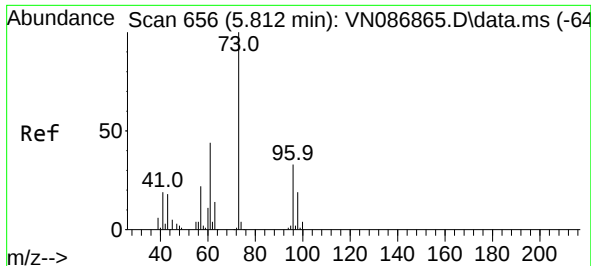
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#18
Methyl Acetate
Concen: 15.861 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion: 43 Resp: 51748
Ion Ratio Lower Upper
43 100
74 29.1 20.7 31.1





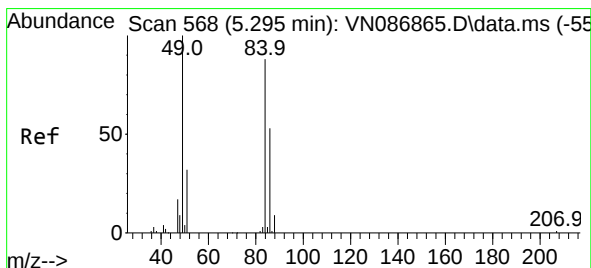
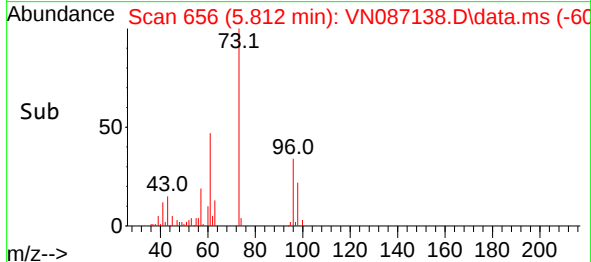
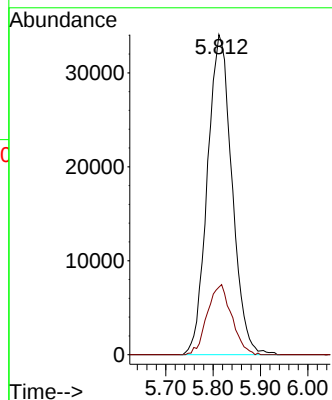
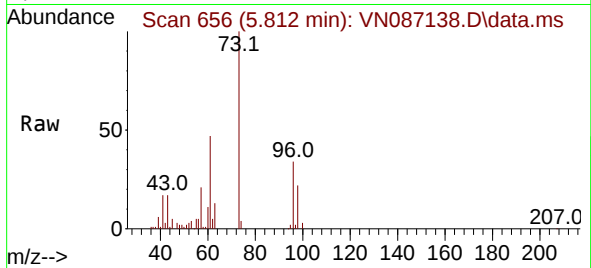
#19
Methyl tert-butyl Ether
Concen: 19.317 ug/l
RT: 5.812 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion: 73 Resp: 122752
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.2

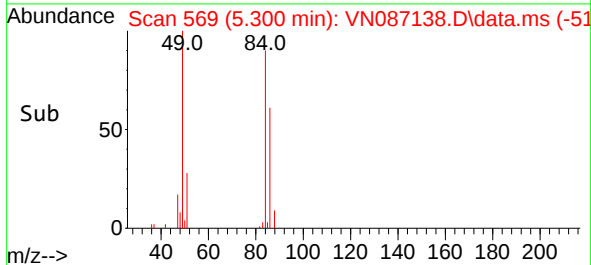
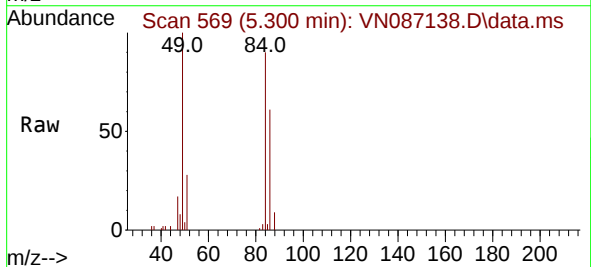
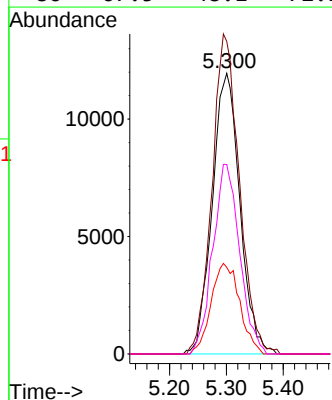
Manual Integrations
APPROVED

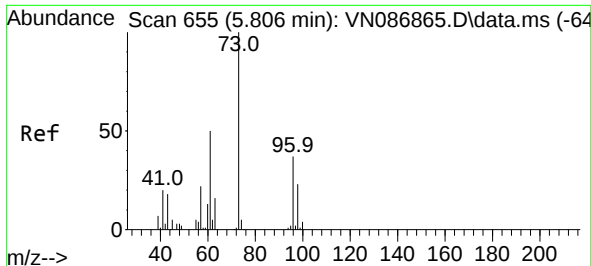
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#20
Methylene Chloride
Concen: 19.258 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

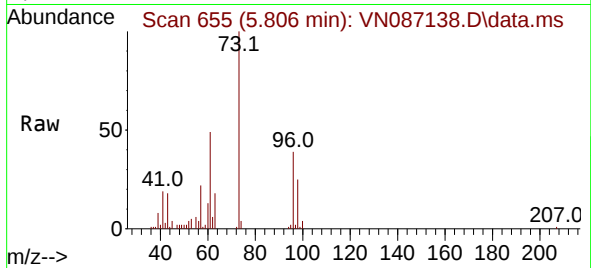
Tgt Ion: 84 Resp: 40366
Ion Ratio Lower Upper
84 100
49 111.3 90.5 135.7
51 30.9 28.5 42.7
86 67.5 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 19.644 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

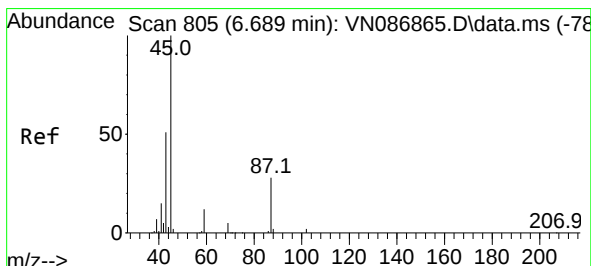
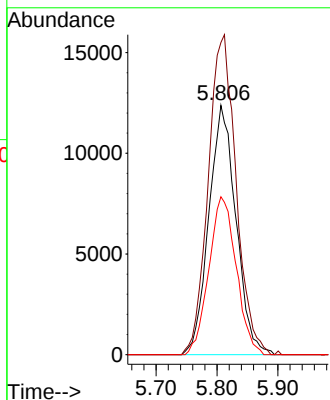
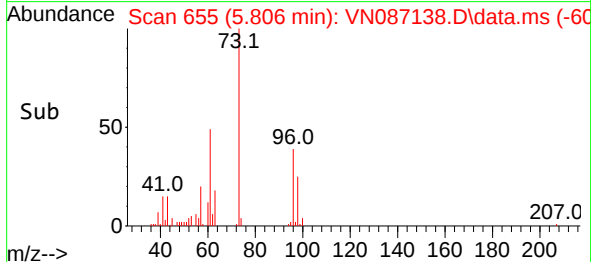
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



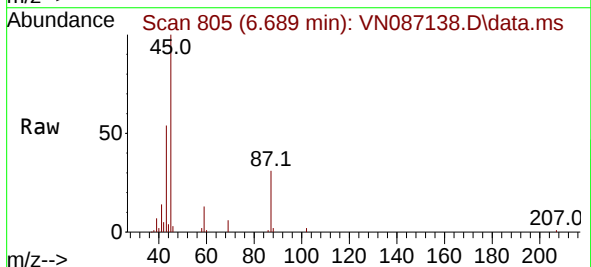
Tgt Ion: 96 Resp: 3835
Ion Ratio Lower Upper
96 100
61 125.2 109.2 163.8
98 63.3 49.8 74.8

Manual Integrations
APPROVED

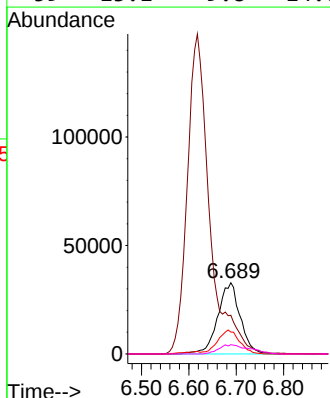
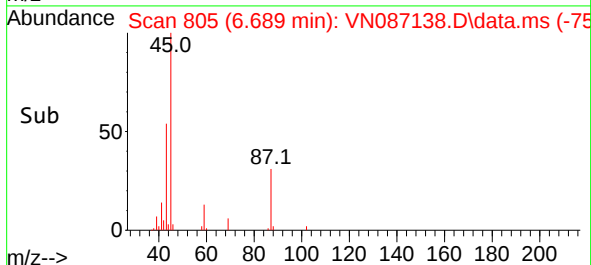
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

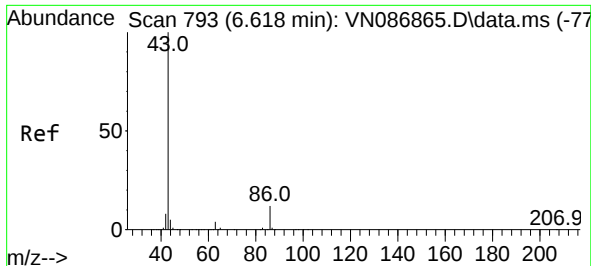


#22
Diisopropyl ether
Concen: 17.571 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48



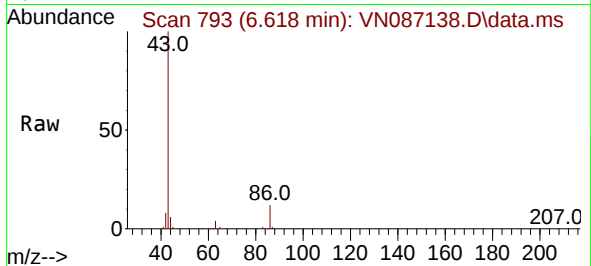
Tgt Ion: 45 Resp: 107809
Ion Ratio Lower Upper
45 100
43 52.9 41.9 62.9
87 30.8 22.4 33.6
59 13.1 9.8 14.6





#23
 Vinyl Acetate
 Concen: 92.888 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087138.D
 Acq: 20 Jun 2025 14:48

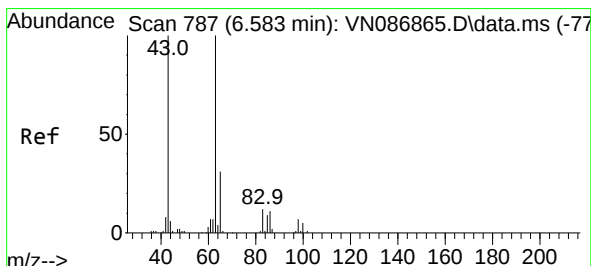
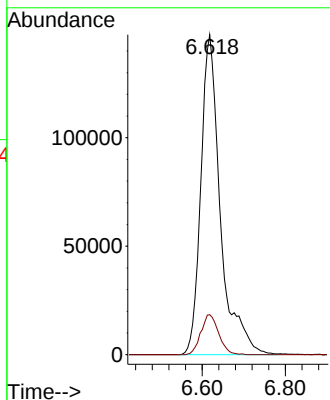
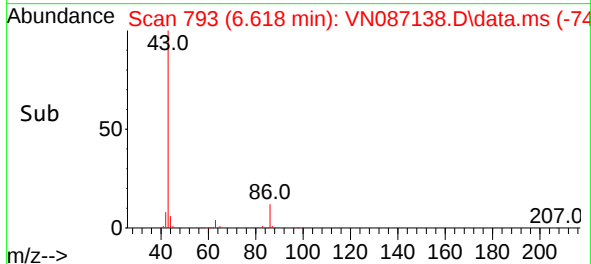
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620MBS01



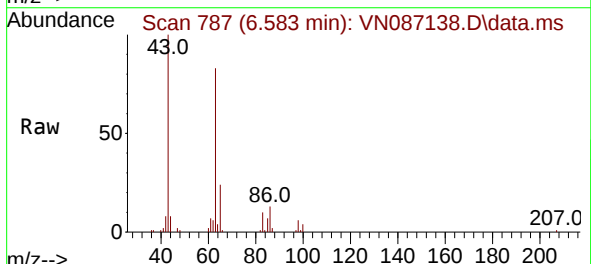
Tgt Ion: 43 Resp: 48151
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.5 14.3

Manual Integrations
 APPROVED

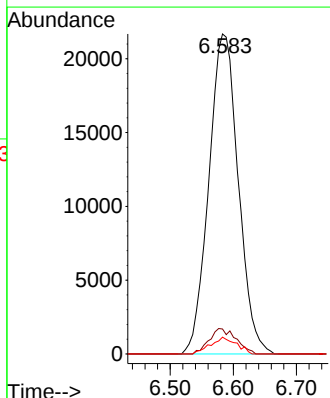
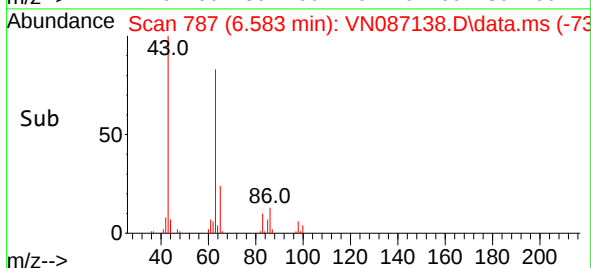
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025

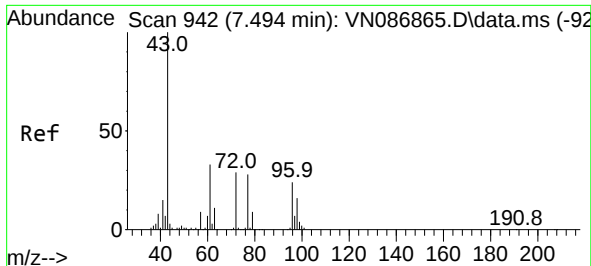


#24
 1,1-Dichloroethane
 Concen: 19.877 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087138.D
 Acq: 20 Jun 2025 14:48



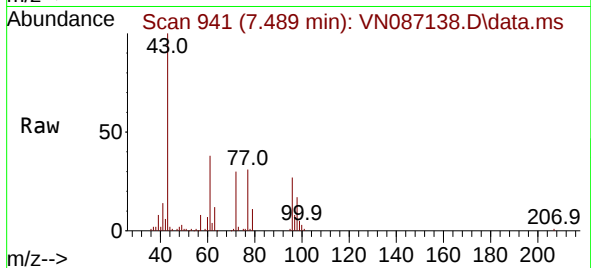
Tgt Ion: 63 Resp: 70183
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.8
 100 5.3 2.6 7.8





#25
2-Butanone
Concen: 72.028 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

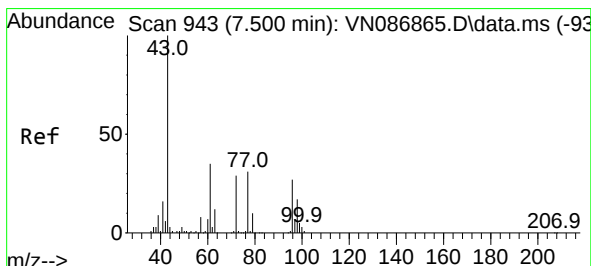
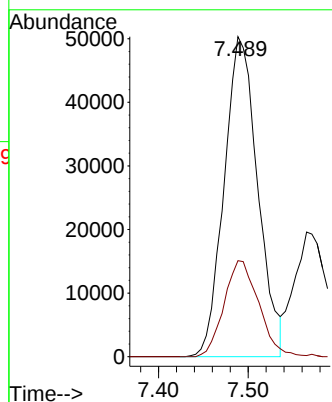
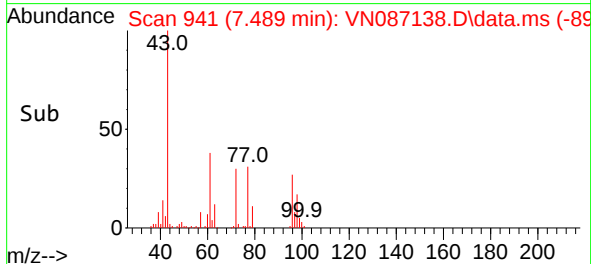
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion: 43 Resp: 13108
Ion Ratio Lower Upper
43 100
72 30.0 23.0 34.6

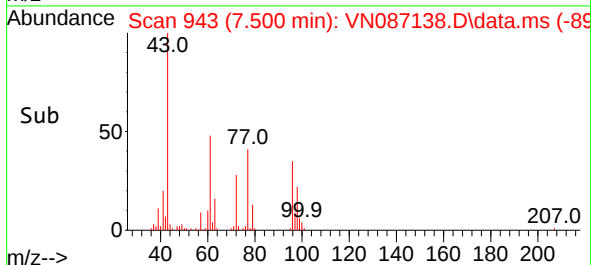
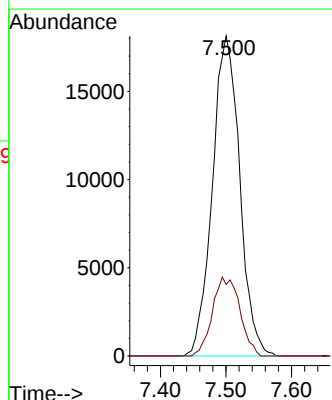
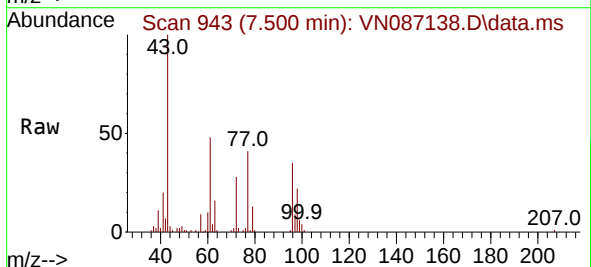
Manual Integrations
APPROVED

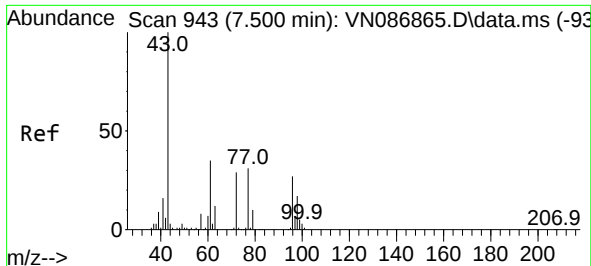
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#26
2,2-Dichloropropane
Concen: 19.108 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

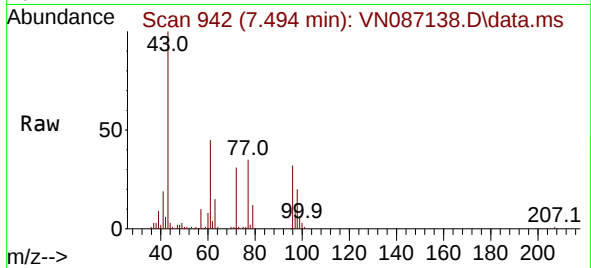
Tgt Ion: 77 Resp: 52481
Ion Ratio Lower Upper
77 100
97 24.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.127 ug/l
 RT: 7.494 min Scan# 943
 Delta R.T. -0.006 min
 Lab File: VN087138.D
 Acq: 20 Jun 2025 14:48

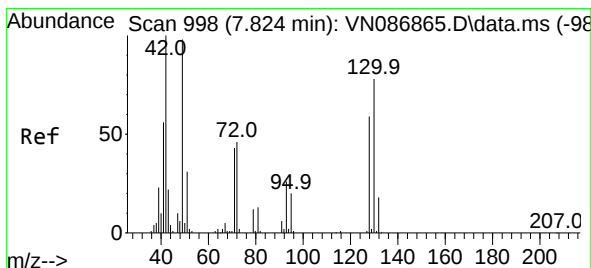
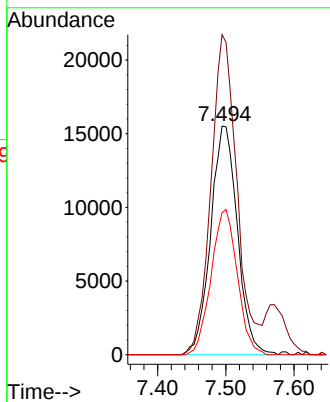
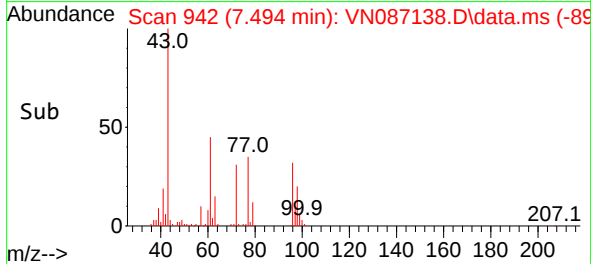
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620MBS01



Tgt Ion: 96 Resp: 4233
 Ion Ratio Lower Upper
 96 100
 61 137.1 0.0 278.0
 98 62.2 0.0 128.2

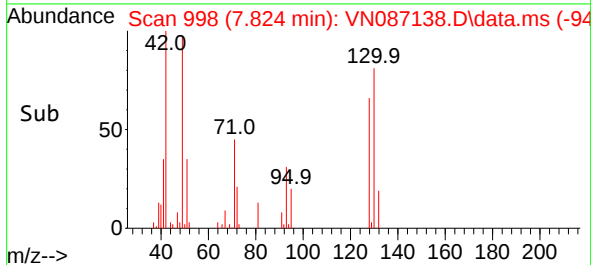
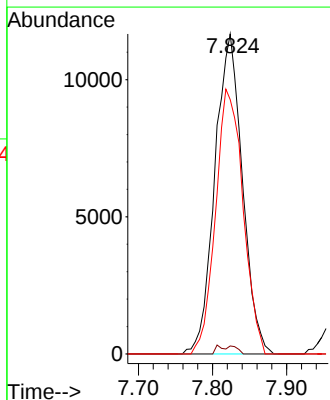
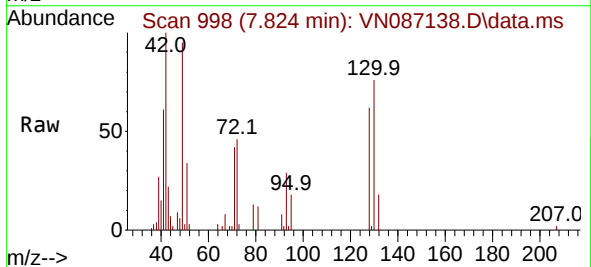
Manual Integrations
 APPROVED

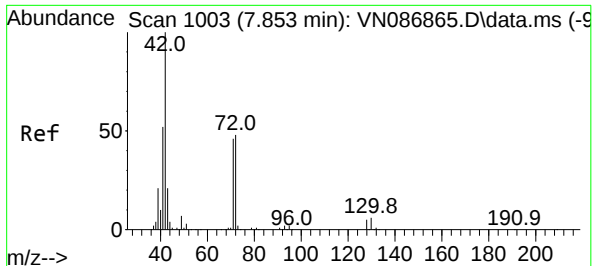
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#28
 Bromochloromethane
 Concen: 17.334 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087138.D
 Acq: 20 Jun 2025 14:48

Tgt Ion: 49 Resp: 30092
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.8
 130 82.5 62.2 93.2





#29

Tetrahydrofuran

Concen: 74.785 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087138.D

Acq: 20 Jun 2025 14:48

Instrument :

MSVOA_N

ClientSampleId :

VN0620MBS01

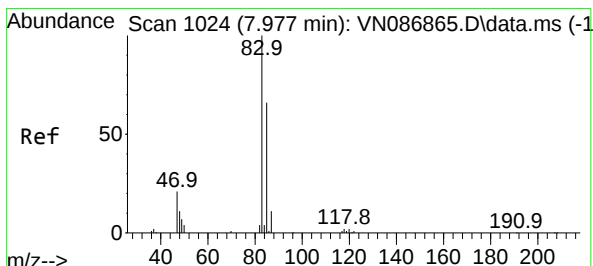
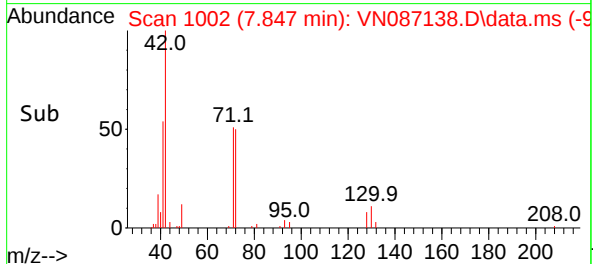
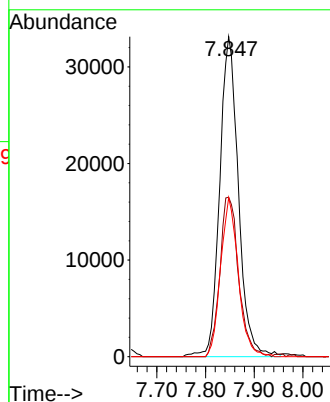
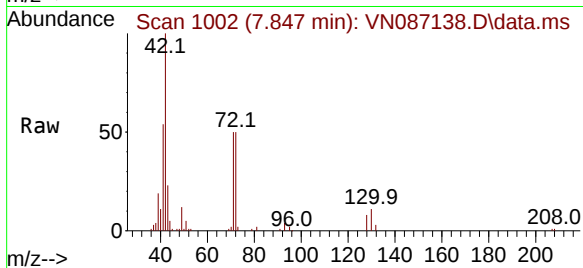
Tgt Ion:	42	Resp:	8865
Ion Ratio	Lower	Upper	
42	100		
72	50.2	37.8	56.6
71	47.0	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#30

Chloroform

Concen: 17.679 ug/l

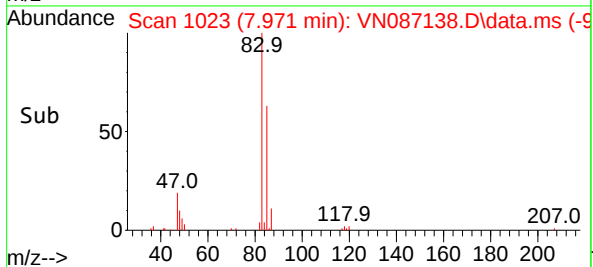
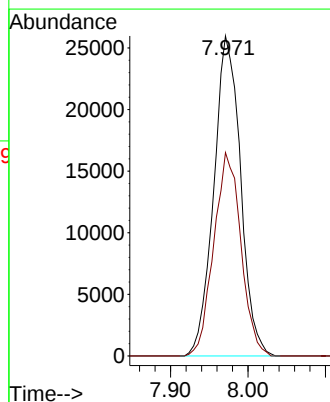
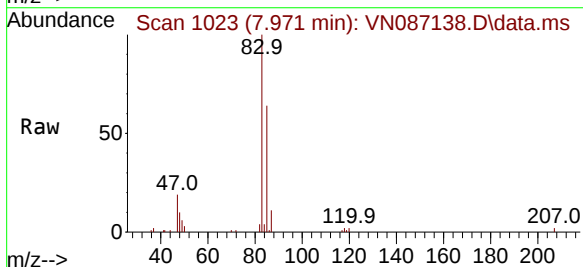
RT: 7.971 min Scan# 1023

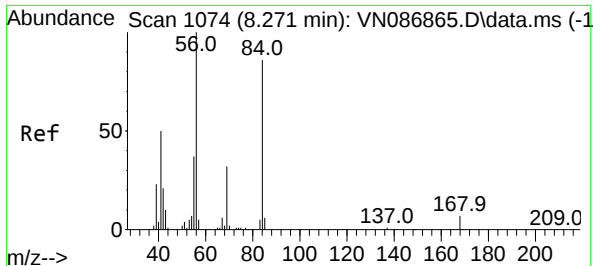
Delta R.T. -0.006 min

Lab File: VN087138.D

Acq: 20 Jun 2025 14:48

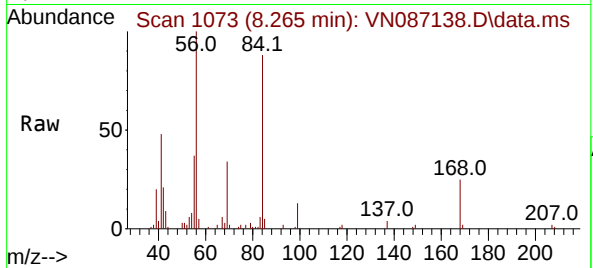
Tgt Ion:	83	Resp:	62338
Ion Ratio	Lower	Upper	
83	100		
85	63.6	52.9	79.3





#31
Cyclohexane
Concen: 16.666 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

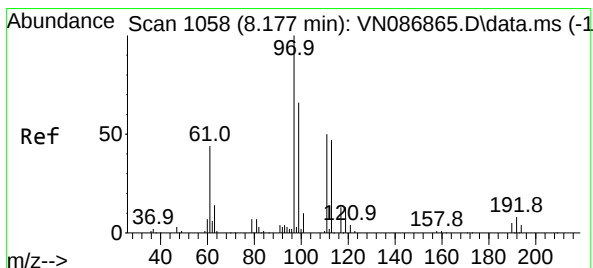
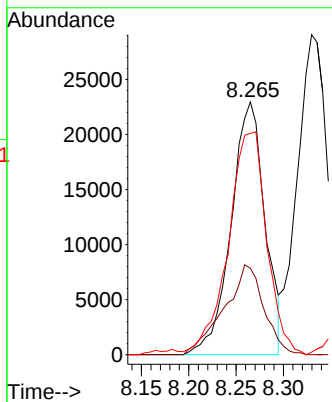
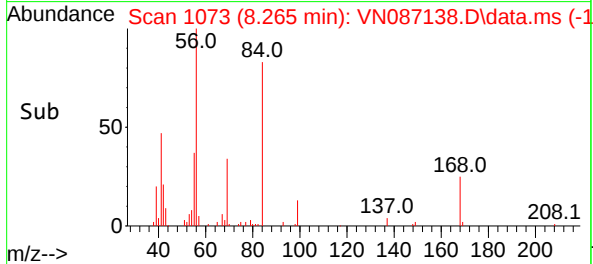
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion: 56 Resp: 5706
Ion Ratio Lower Upper
56 100
69 34.2 25.4 38.0
84 86.3 68.8 103.2

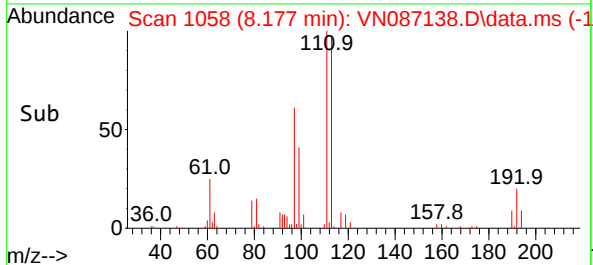
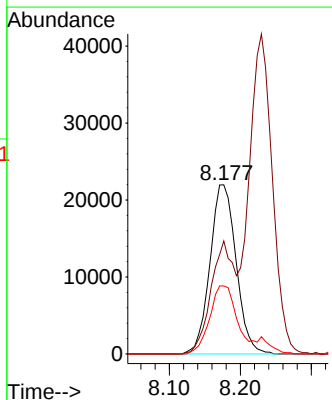
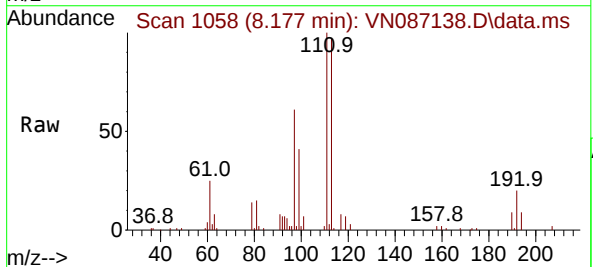
Manual Integrations
APPROVED

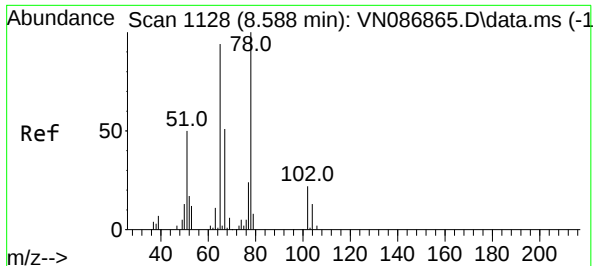
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#32
1,1,1-Trichloroethane
Concen: 18.683 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion: 97 Resp: 56031
Ion Ratio Lower Upper
97 100
99 59.4 52.0 78.0
61 43.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.144 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087138.D

Acq: 20 Jun 2025 14:48

Instrument :

MSVOA_N

ClientSampleId :

VN0620MBS01

Tgt Ion: 65 Resp: 97419

Ion Ratio Lower Upper

65 100

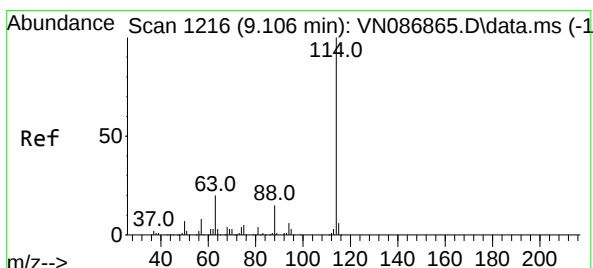
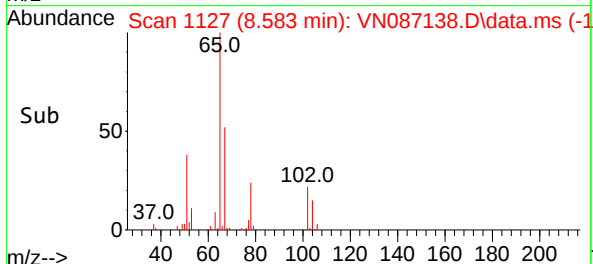
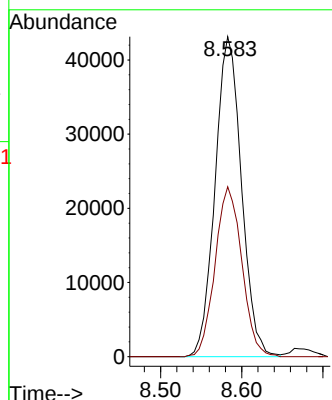
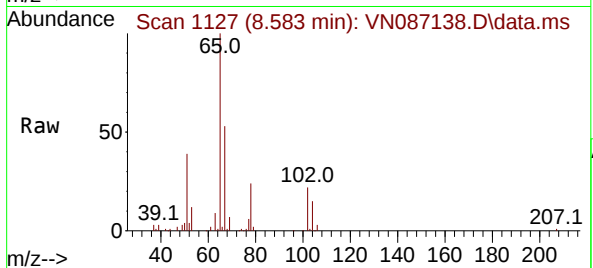
67 53.8 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087138.D

Acq: 20 Jun 2025 14:48

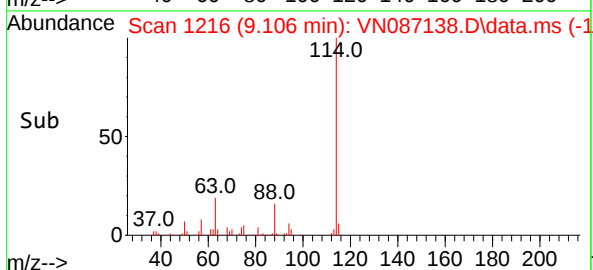
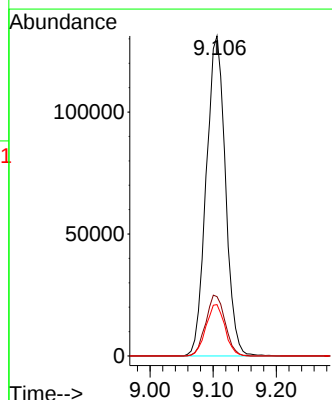
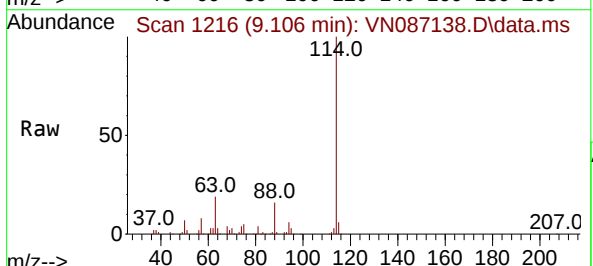
Tgt Ion:114 Resp: 276593

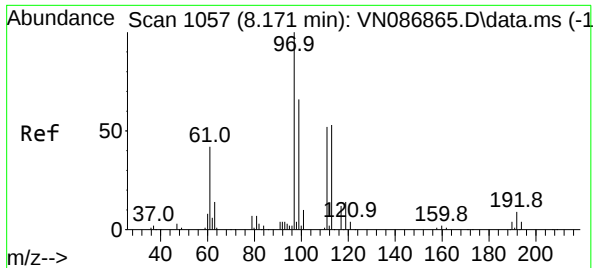
Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

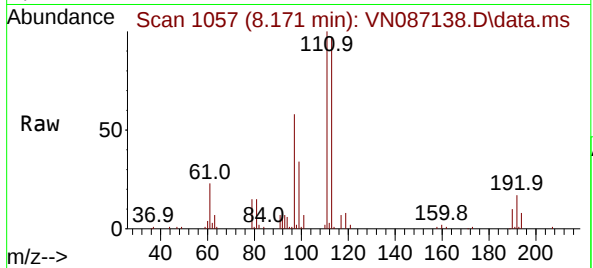
88 16.1 0.0 30.2





#35
Dibromofluoromethane
Concen: 54.277 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

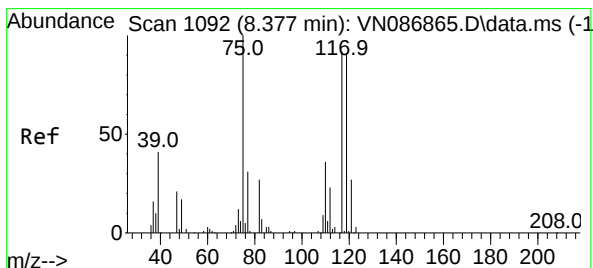
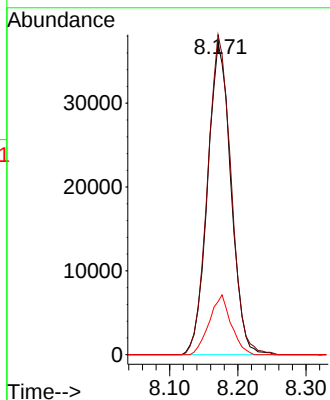
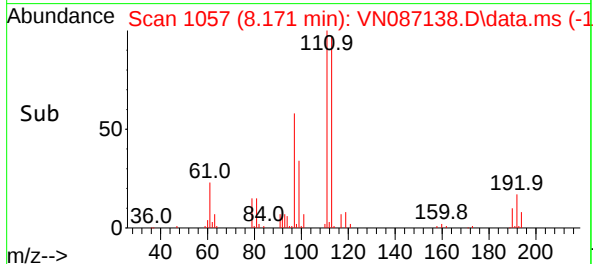
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion:113 Resp: 8896
Ion Ratio Lower Upper
113 100
111 102.7 84.2 126.2
192 17.8 14.2 21.4

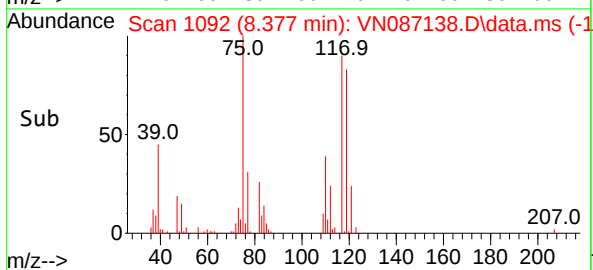
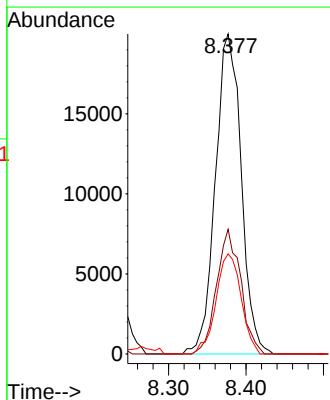
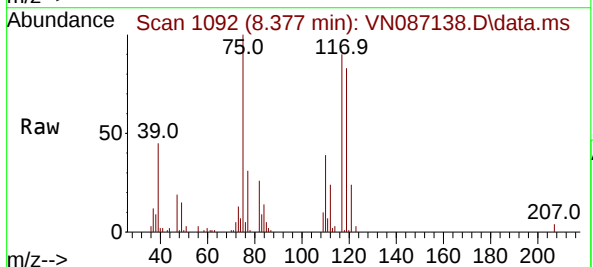
Manual Integrations
APPROVED

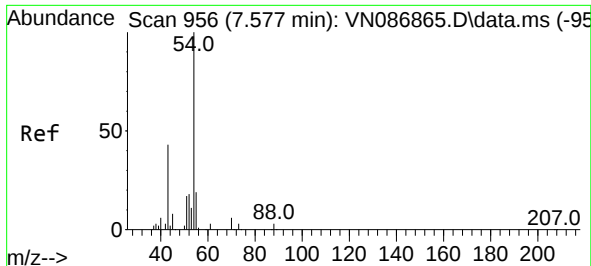
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#36
1,1-Dichloropropene
Concen: 18.932 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

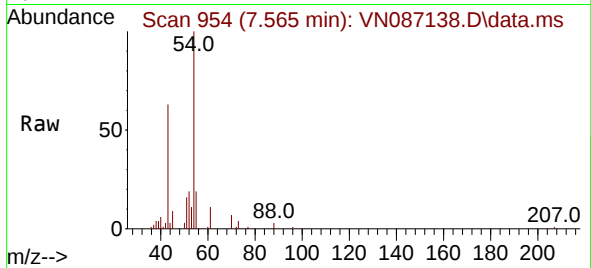
Tgt Ion: 75 Resp: 46242
Ion Ratio Lower Upper
75 100
110 36.3 17.6 52.9
77 30.4 25.3 37.9





#37
Ethyl Acetate
Concen: 16.811 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

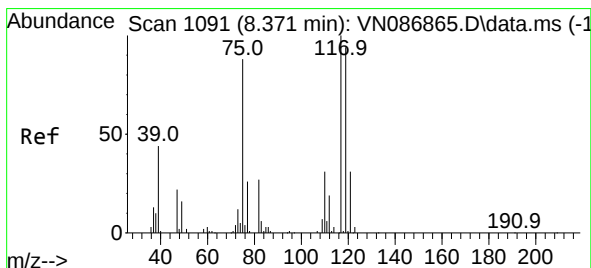
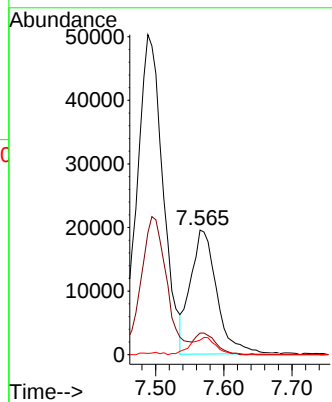
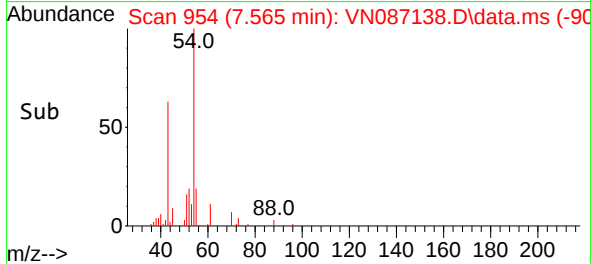
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion: 43 Resp: 52272
Ion Ratio Lower Upper
43 100
61 13.4 12.1 18.1
70 13.5 9.8 14.6

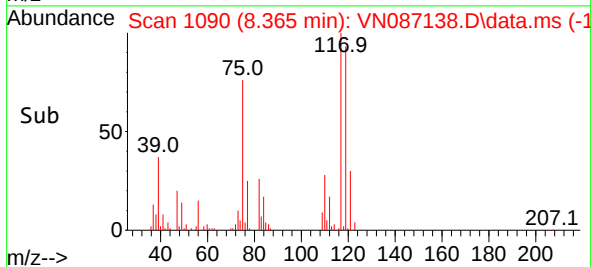
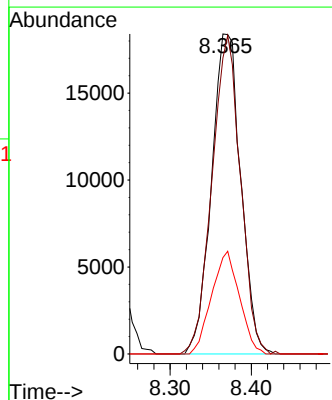
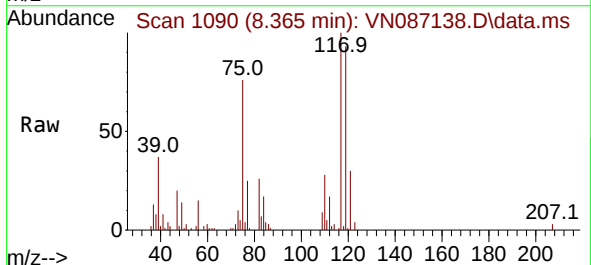
Manual Integrations
APPROVED

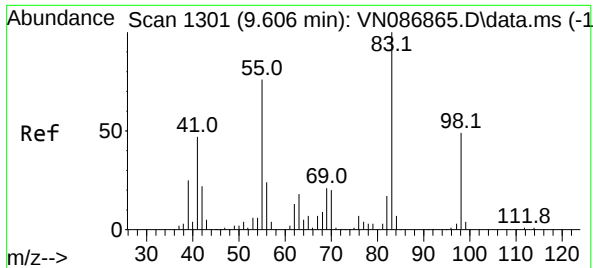
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#38
Carbon Tetrachloride
Concen: 19.217 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

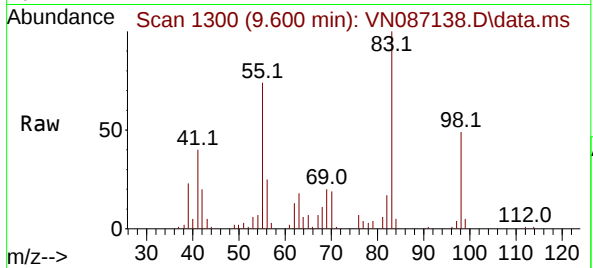
Tgt Ion:117 Resp: 46082
Ion Ratio Lower Upper
117 100
119 92.5 75.0 112.6
121 30.1 24.9 37.3





#39
Methylcyclohexane
Concen: 15.813 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

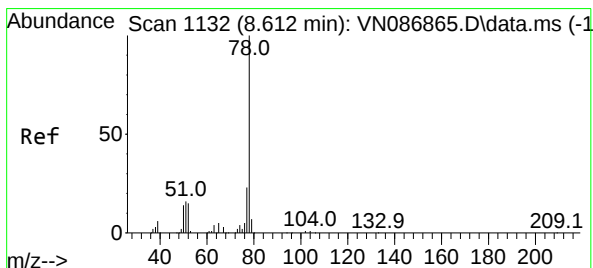
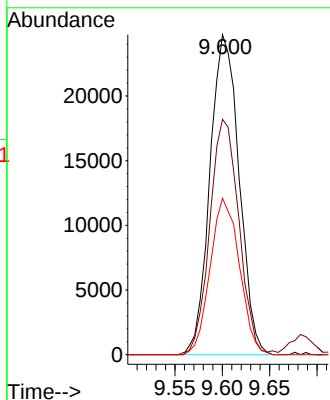
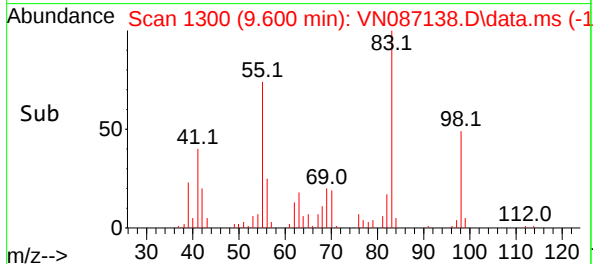
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



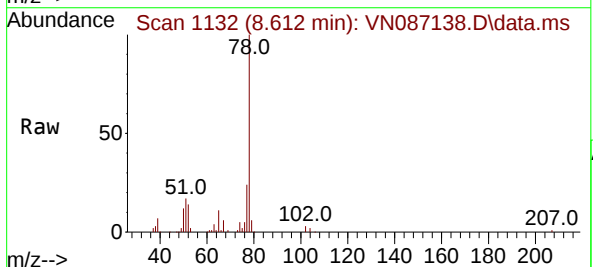
Tgt Ion: 83 Resp: 5291
Ion Ratio Lower Upper
83 100
55 73.6 61.0 91.6
98 48.9 38.9 58.3

Manual Integrations
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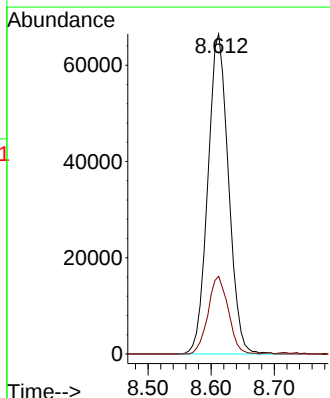
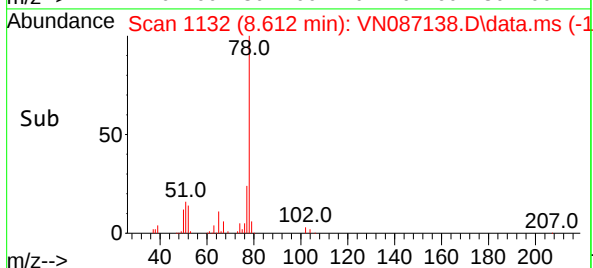
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

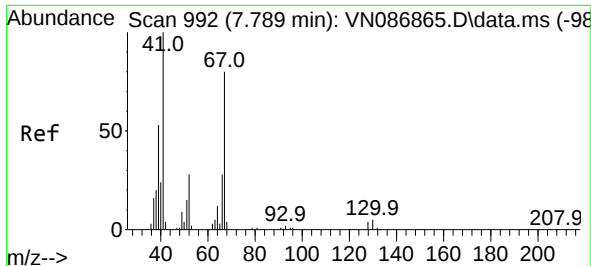


#40
Benzene
Concen: 18.884 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48



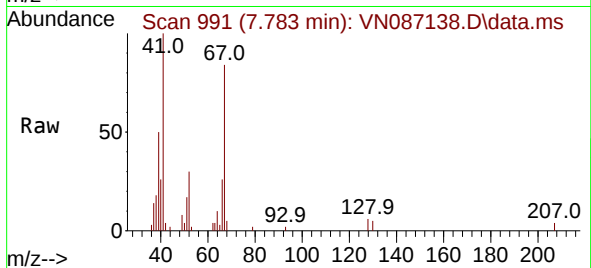
Tgt Ion: 78 Resp: 150830
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1





#41
Methacrylonitrile
Concen: 15.897 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

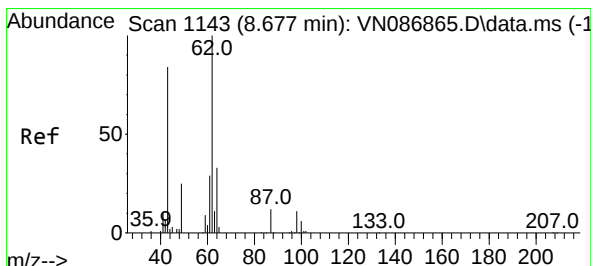
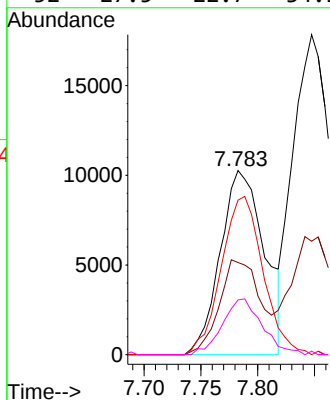
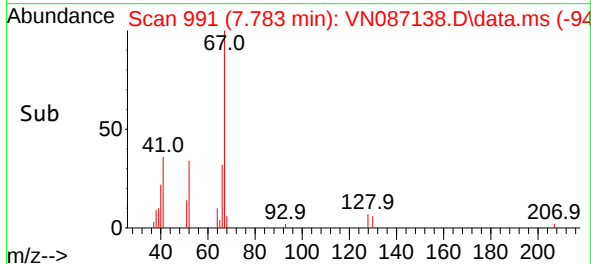
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion:	41	Resp:	27760
Ion Ratio	Lower	Upper	
41	100		
39	47.5	41.2	61.8
67	81.3	61.4	92.2
52	27.5	22.7	34.1

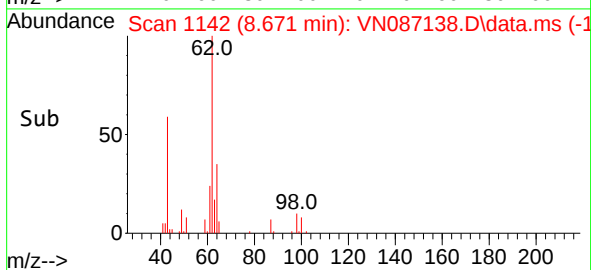
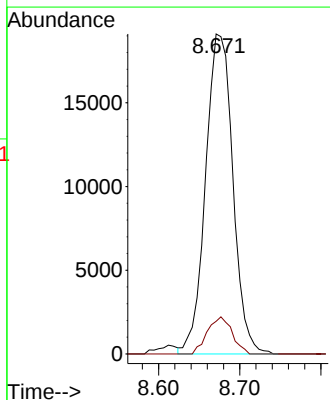
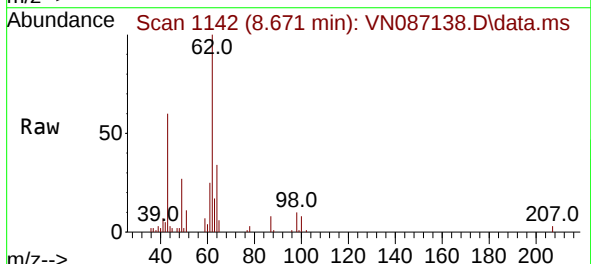
Manual Integrations
APPROVED

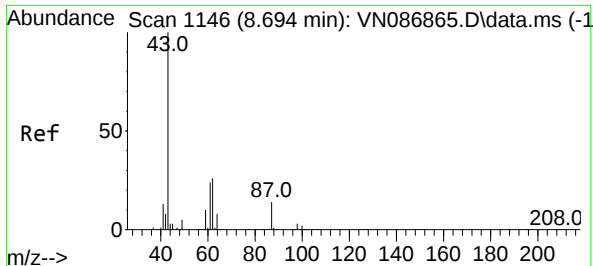
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#42
1,2-Dichloroethane
Concen: 18.463 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

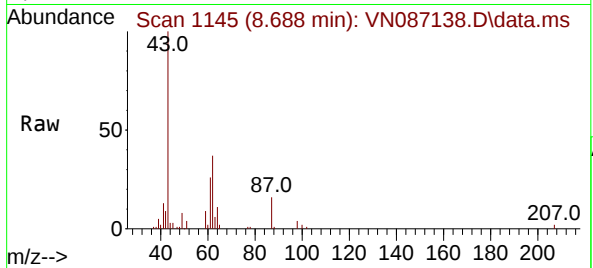
Tgt Ion:	62	Resp:	44728
Ion Ratio	Lower	Upper	
62	100		
98	10.5	0.0	21.2





#43
Isopropyl Acetate
Concen: 15.651 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

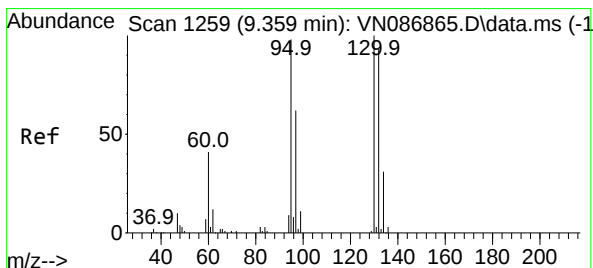
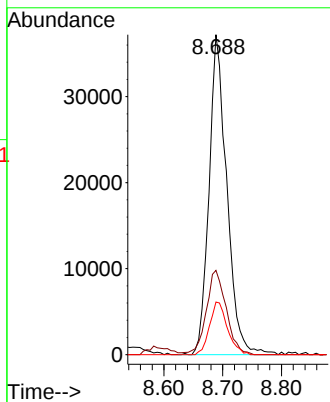
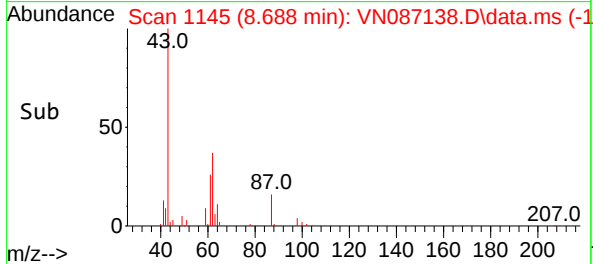
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion: 43 Resp: 78108
Ion Ratio Lower Upper
43 100
61 29.6 22.1 33.1
87 16.5 11.8 17.6

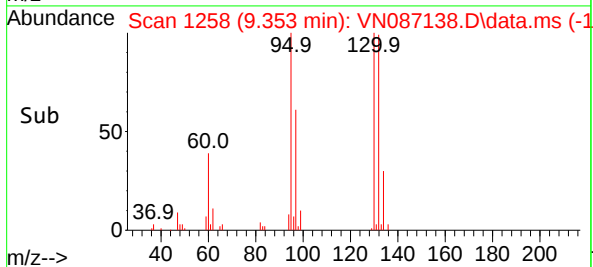
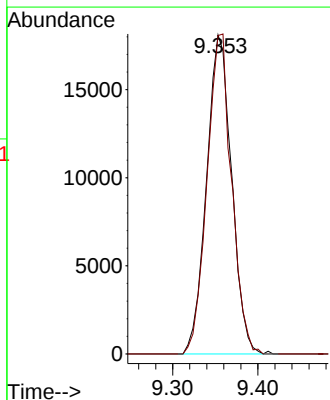
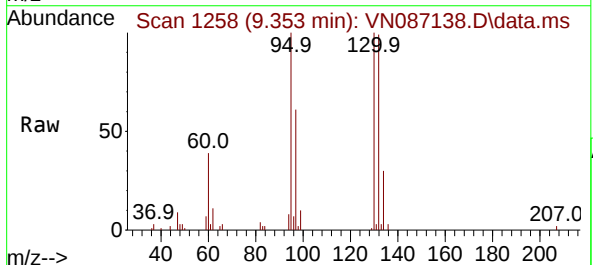
Manual Integrations
APPROVED

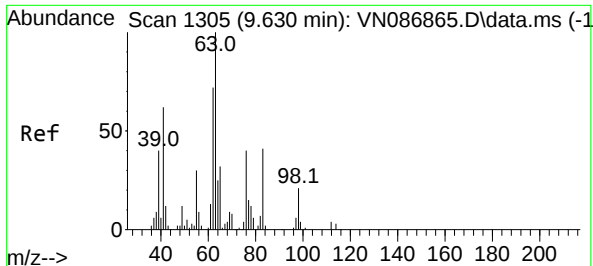
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#44
Trichloroethene
Concen: 19.584 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion:130 Resp: 37089
Ion Ratio Lower Upper
130 100
95 99.8 0.0 196.2





#45

1,2-Dichloropropane

Concen: 18.165 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087138.D

Acq: 20 Jun 2025 14:48

Instrument :

MSVOA_N

ClientSampleId :

VN0620MBS01

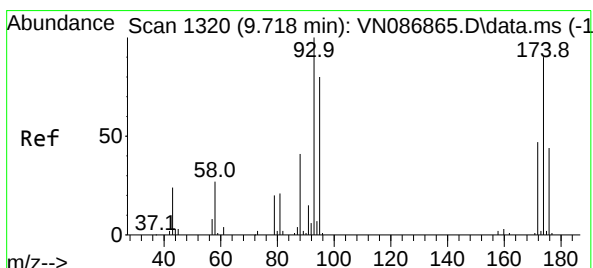
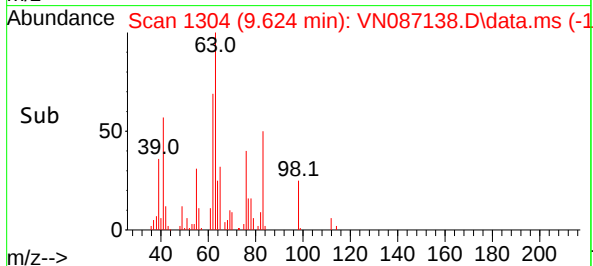
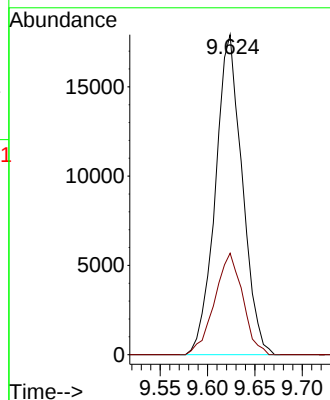
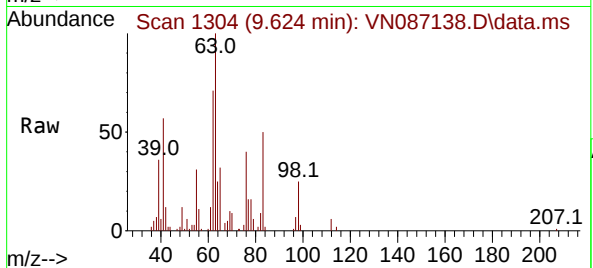
Tgt Ion: 63 Resp: 3529
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#46

Dibromomethane

Concen: 18.622 ug/l

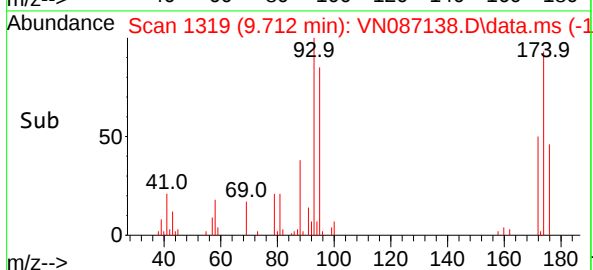
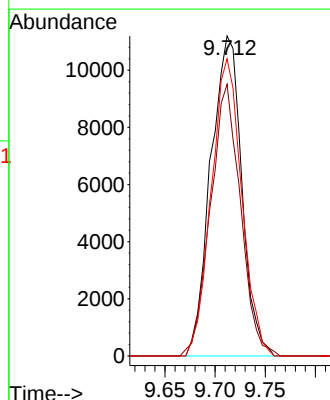
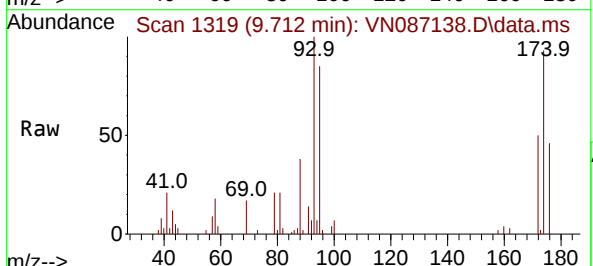
RT: 9.712 min Scan# 1319

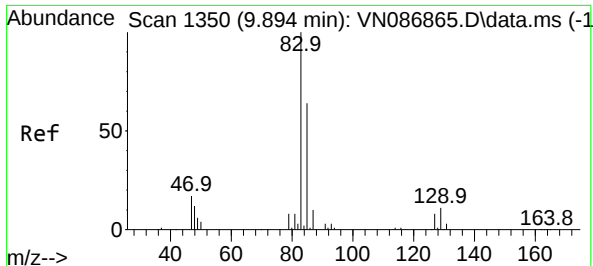
Delta R.T. -0.006 min

Lab File: VN087138.D

Acq: 20 Jun 2025 14:48

Tgt Ion: 93 Resp: 24035
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.1 100.7
 174 91.3 74.2 111.4





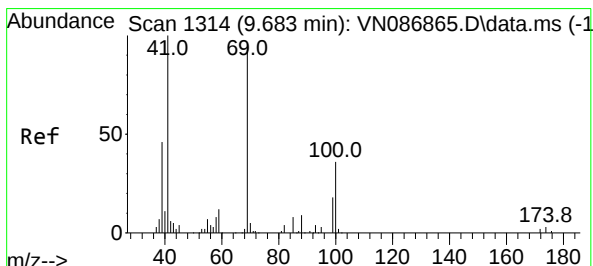
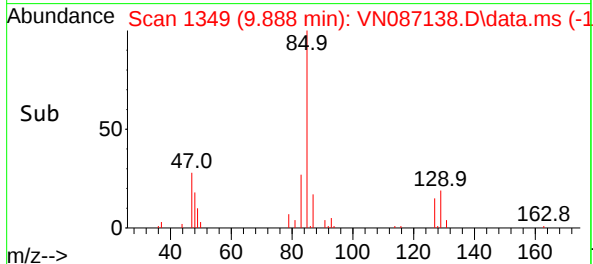
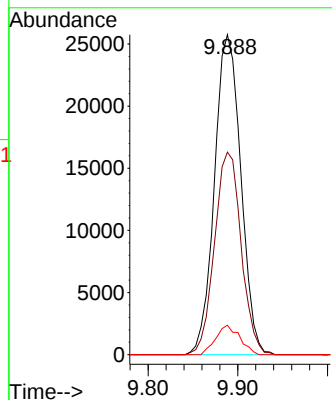
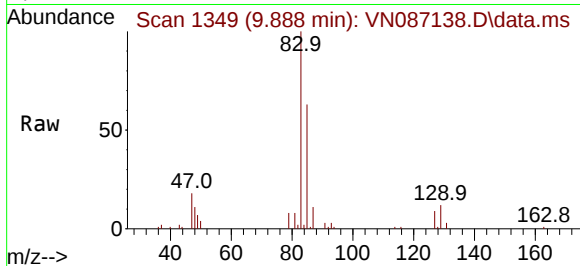
#47
Bromodichloromethane
Concen: 19.757 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion: 83 Resp: 52460
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 9.2 6.6 10.0

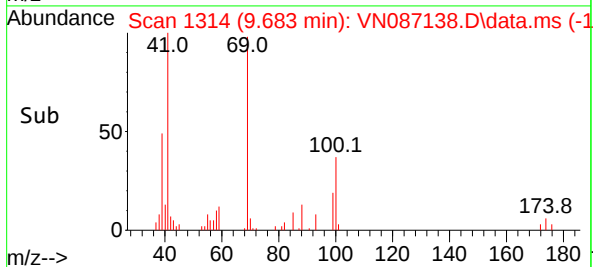
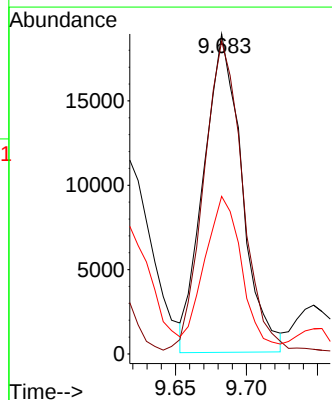
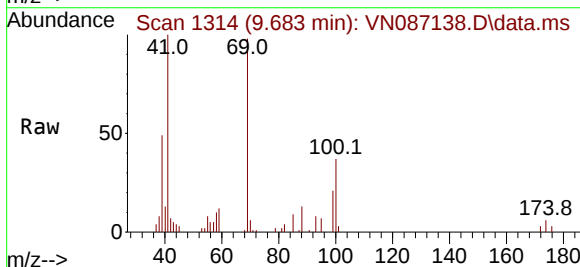
Manual Integrations
APPROVED

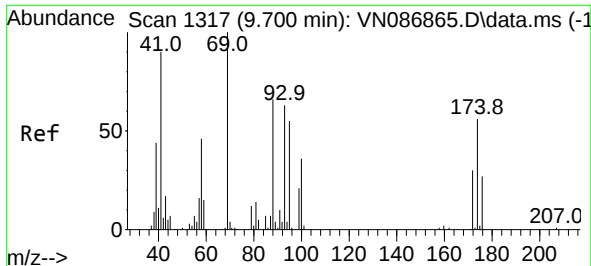
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#48
Methyl methacrylate
Concen: 15.357 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion: 41 Resp: 35273
Ion Ratio Lower Upper
41 100
69 102.6 74.6 112.0
39 50.1 40.2 60.4





#49

1,4-Dioxane

Concen: 288.372 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087138.D

Acq: 20 Jun 2025 14:48

Instrument :

MSVOA_N

ClientSampleId :

VN0620MBS01

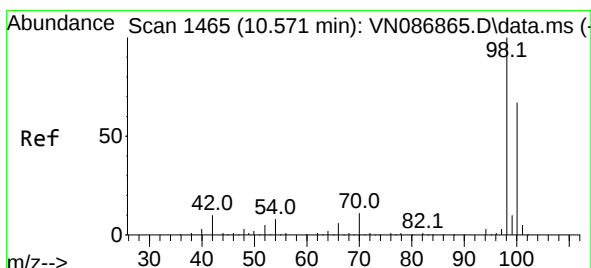
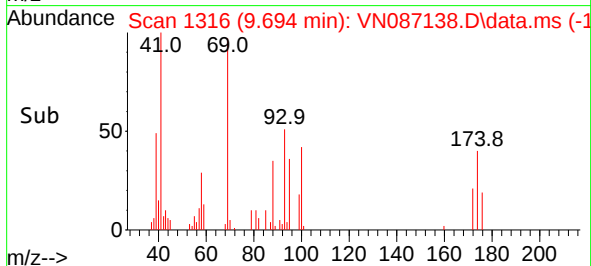
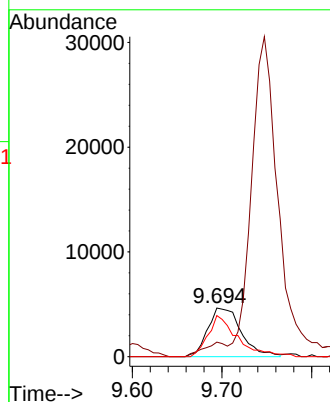
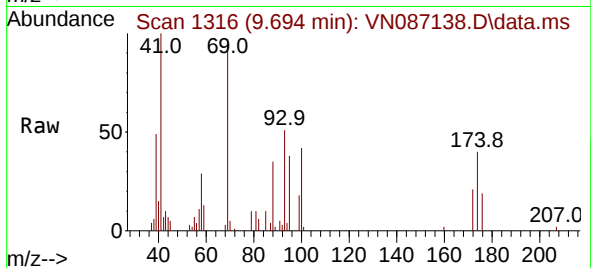
Tgt Ion: 88 Resp: 12050
 Ion Ratio Lower Upper
 88 100
 43 20.5 0.0 0.0
 58 74.6 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#50

Toluene-d8

Concen: 52.979 ug/l

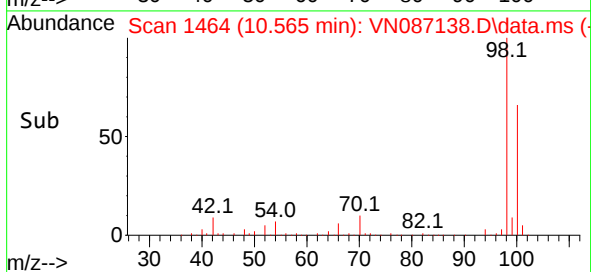
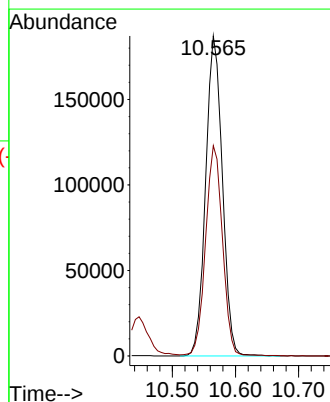
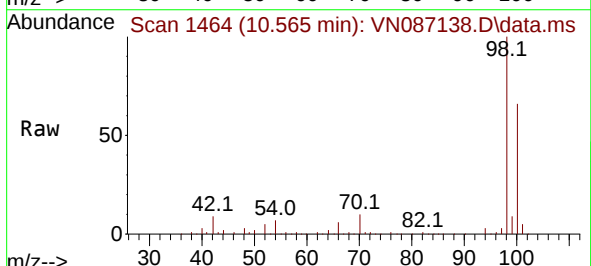
RT: 10.565 min Scan# 1464

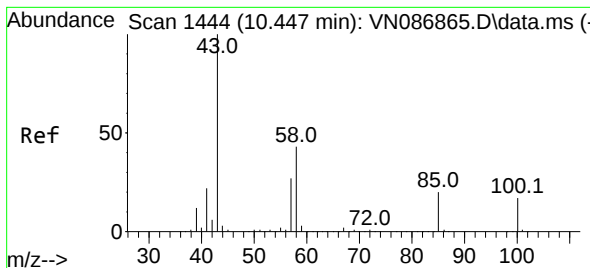
Delta R.T. -0.006 min

Lab File: VN087138.D

Acq: 20 Jun 2025 14:48

Tgt Ion: 98 Resp: 343777
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.4 80.0





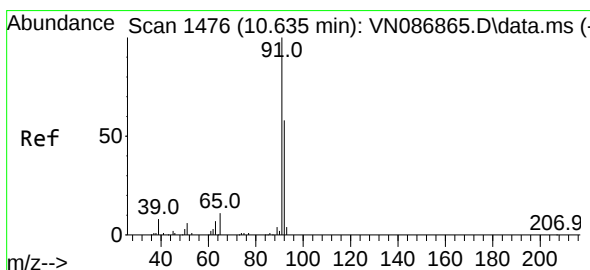
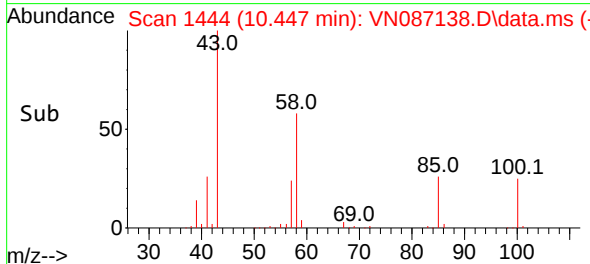
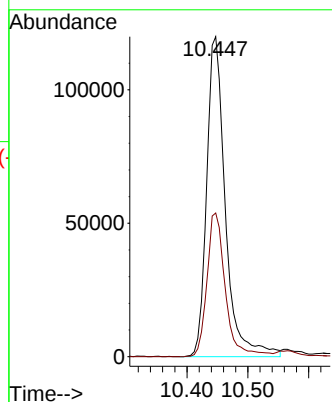
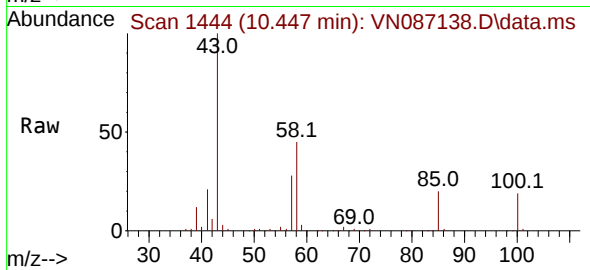
#51
4-Methyl-2-Pentanone
Concen: 85.218 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion: 43 Resp: 256020
Ion Ratio Lower Upper
43 100
58 44.3 34.2 51.4

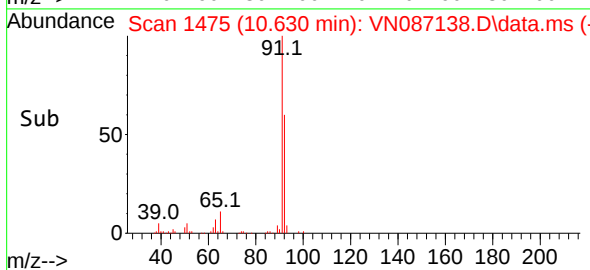
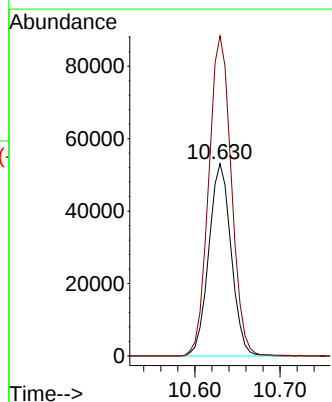
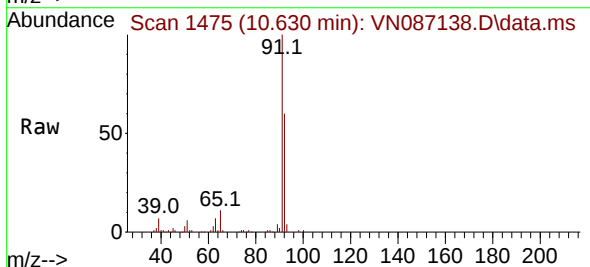
Manual Integrations
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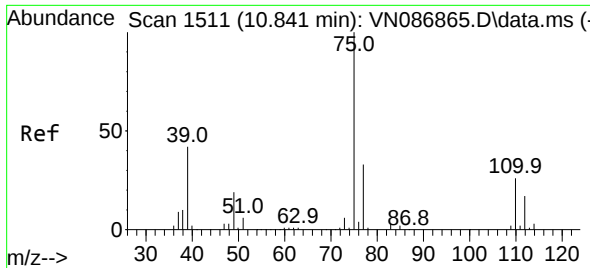
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#52
Toluene
Concen: 19.778 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion: 92 Resp: 96538
Ion Ratio Lower Upper
92 100
91 169.3 136.5 204.7





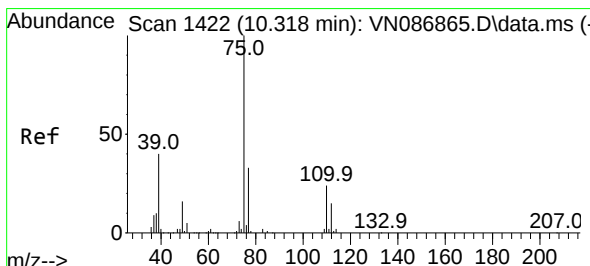
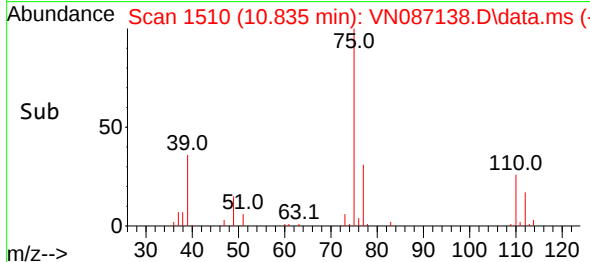
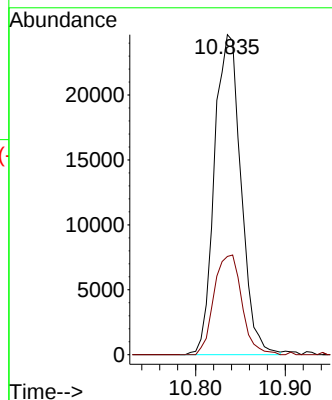
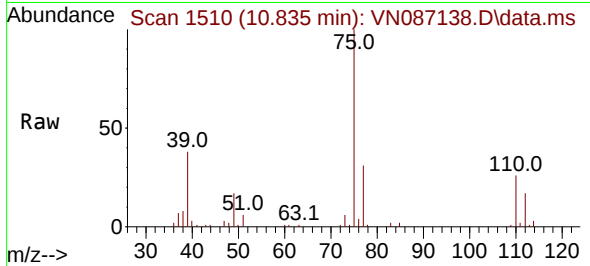
#53
t-1,3-Dichloropropene
Concen: 17.065 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion: 75 Resp: 5067
Ion Ratio Lower Upper
75 100
77 30.7 26.4 39.6

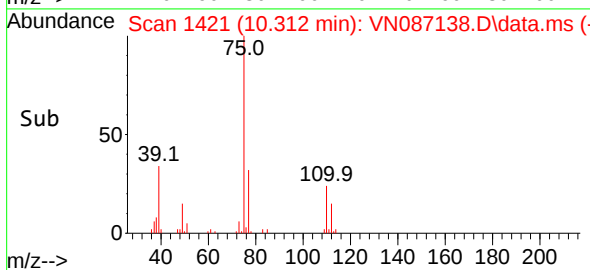
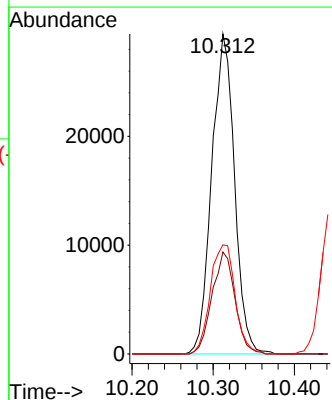
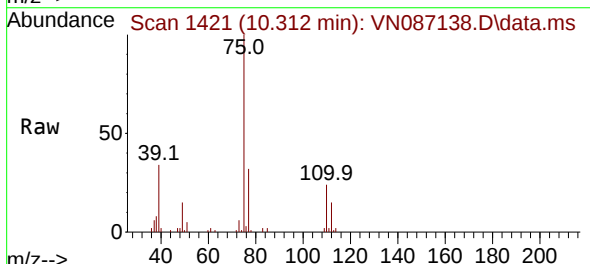
Manual Integrations
APPROVED

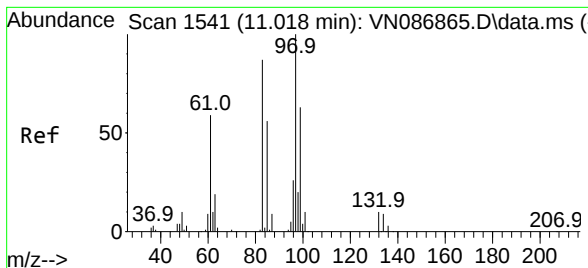
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#54
cis-1,3-Dichloropropene
Concen: 18.004 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

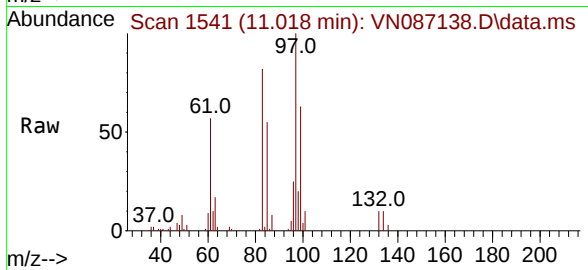
Tgt Ion: 75 Resp: 57203
Ion Ratio Lower Upper
75 100
77 31.8 26.2 39.4
39 34.1 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 19.574 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

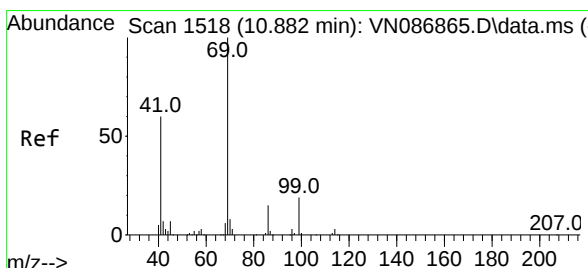
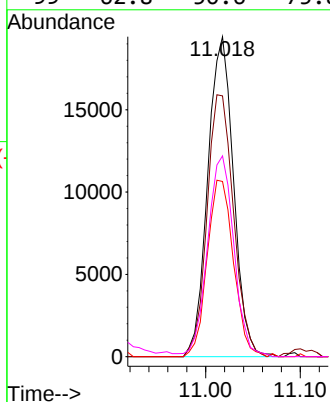
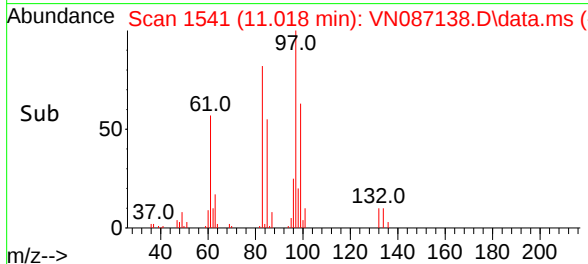
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion: 97	Resp: 3676
Ion Ratio	Lower Upper
97 100	
83 81.5	69.7 104.5
85 54.8	45.1 67.7
99 62.8	50.6 75.8

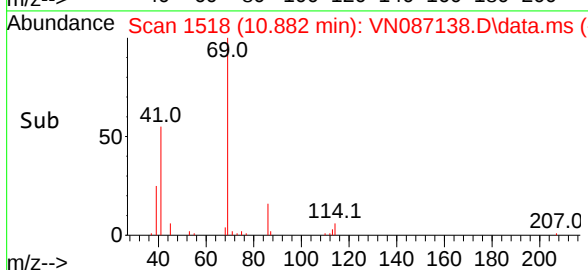
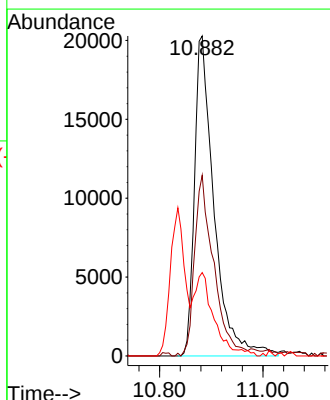
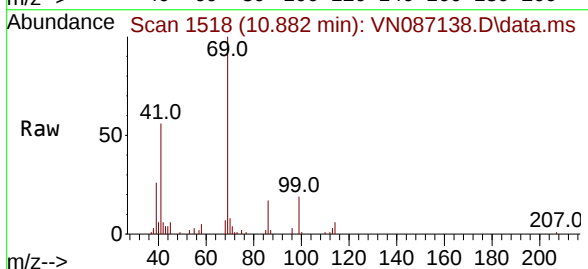
Manual Integrations
APPROVED

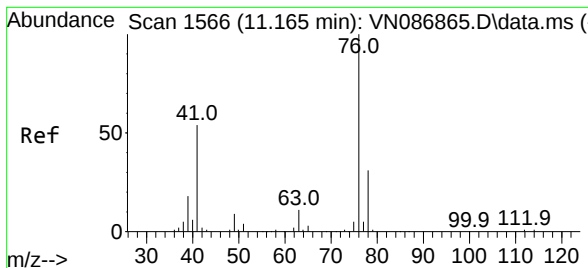
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#56
Ethyl methacrylate
Concen: 17.804 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

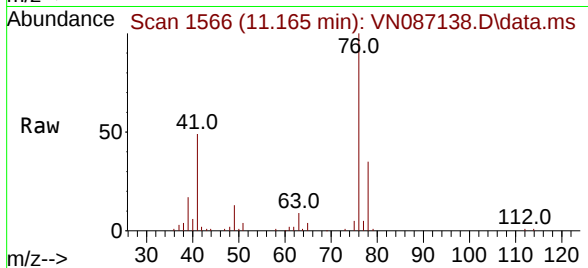
Tgt Ion: 69	Resp: 53259
Ion Ratio	Lower Upper
69 100	
41 55.2	47.2 70.8
39 26.5	23.0 34.6





#57
1,3-Dichloropropane
Concen: 19.645 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

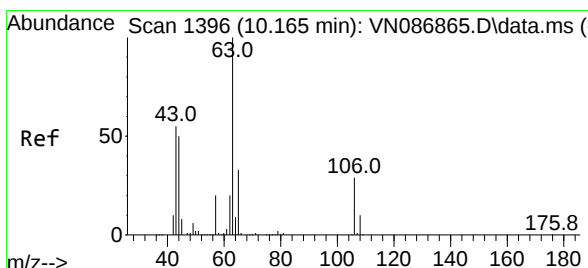
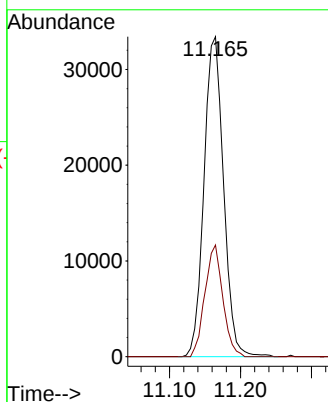
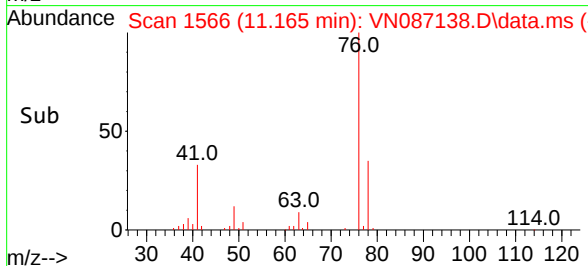
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



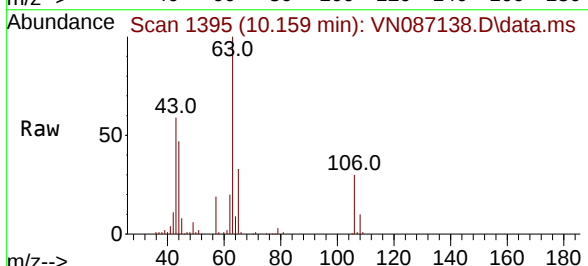
Tgt Ion: 76 Resp: 6400
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9

Manual Integrations
APPROVED

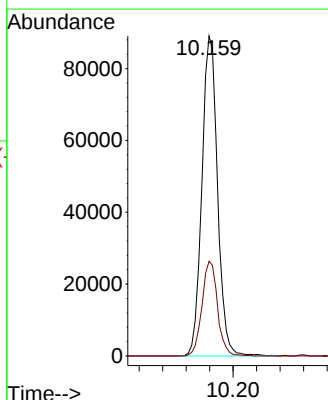
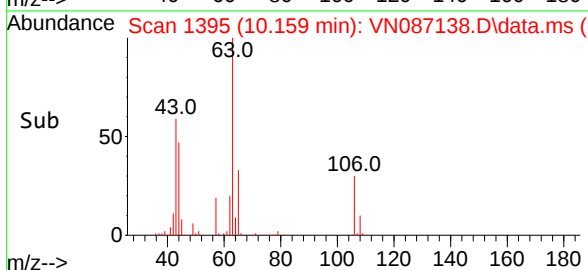
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

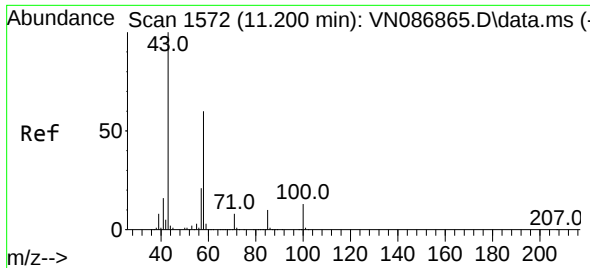


#58
2-Chloroethyl Vinyl ether
Concen: 92.421 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48



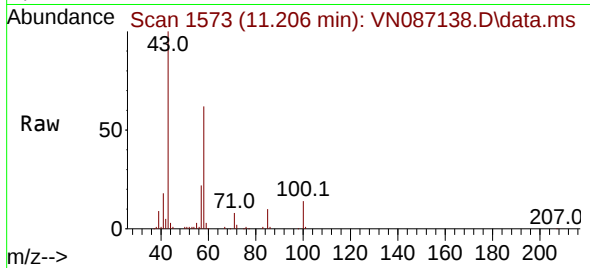
Tgt Ion: 63 Resp: 164903
Ion Ratio Lower Upper
63 100
106 29.4 23.0 34.6





#59
2-Hexanone
Concen: 71.783 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

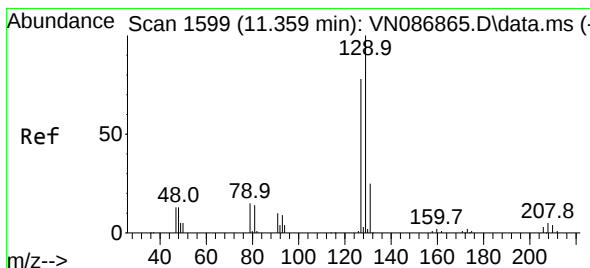
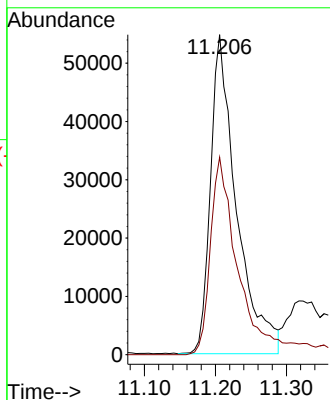
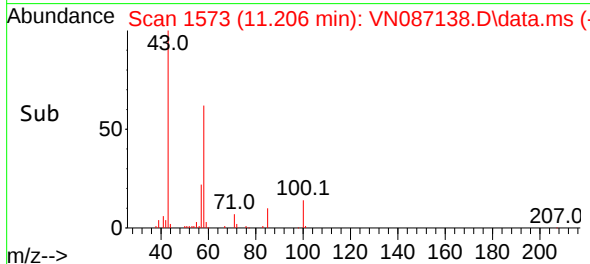
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion: 43 Resp: 13891
Ion Ratio Lower Upper
43 100
58 67.2 30.4 91.3

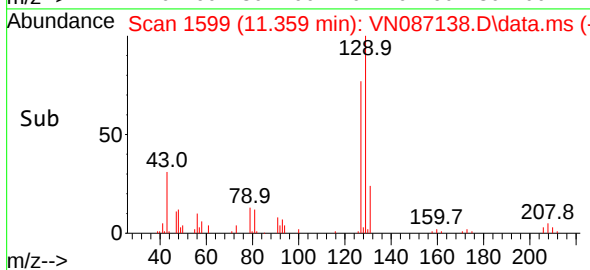
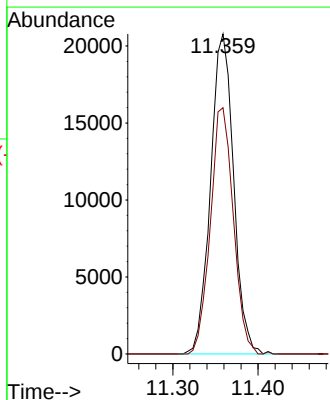
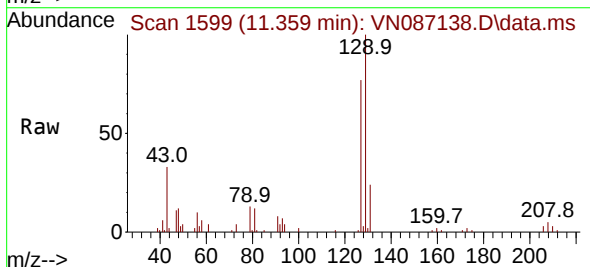
Manual Integrations
APPROVED

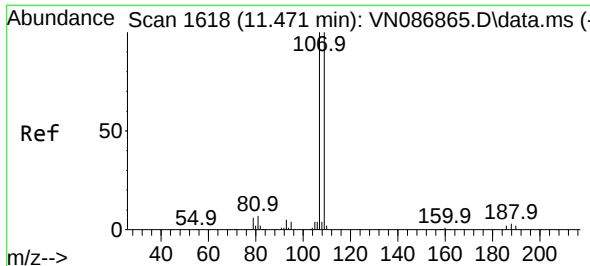
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#60
Dibromochloromethane
Concen: 19.962 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

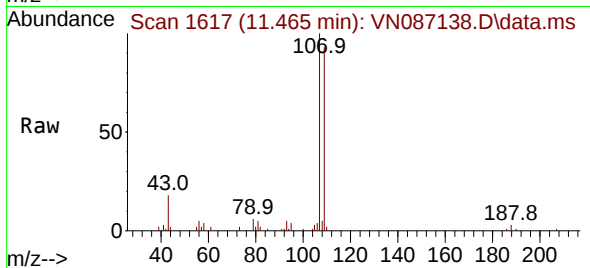
Tgt Ion:129 Resp: 39062
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.649 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

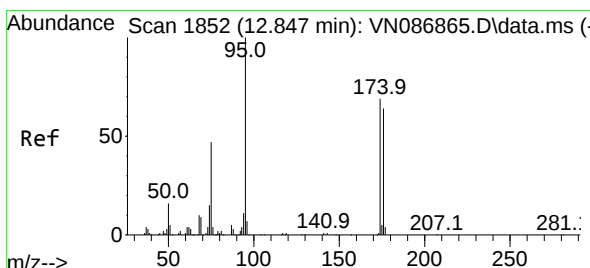
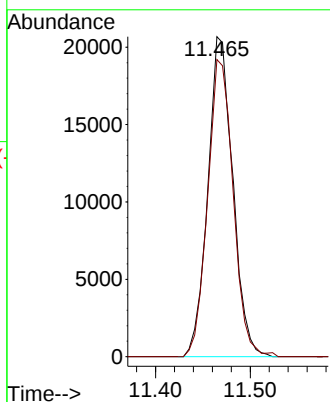
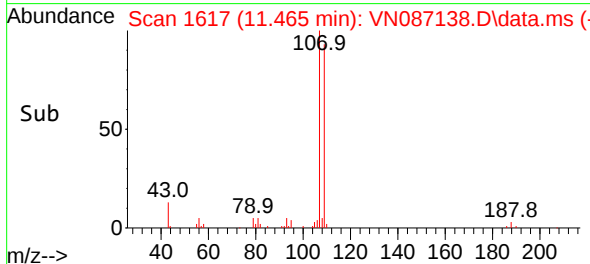
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



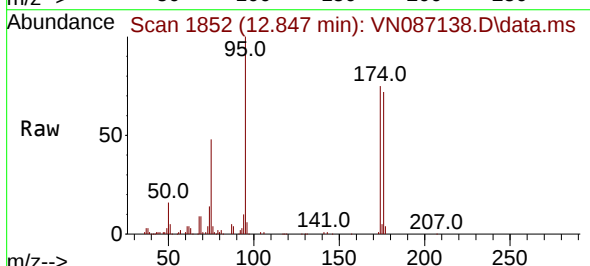
Tgt Ion:107 Resp: 3782
Ion Ratio Lower Upper
107 100
109 94.9 76.3 114.5

Manual Integrations
APPROVED

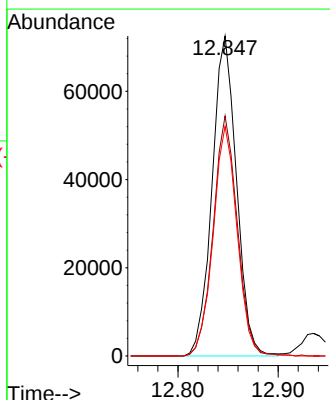
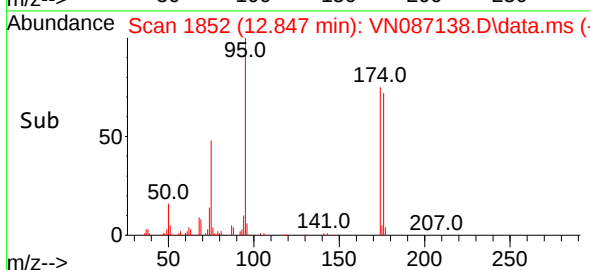
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

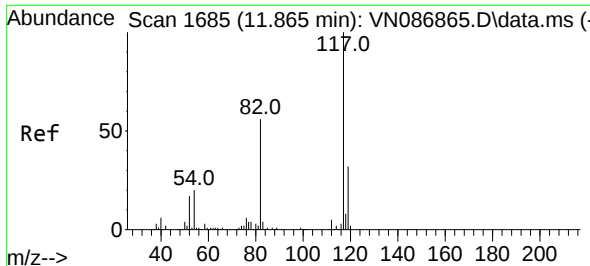


#62
4-Bromofluorobenzene
Concen: 50.877 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48



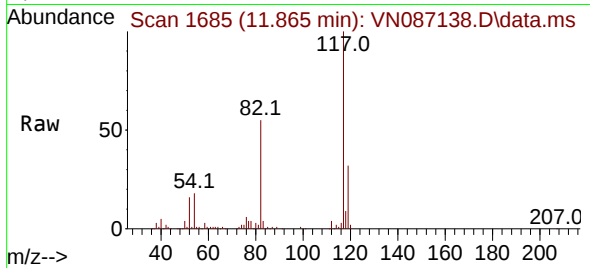
Tgt Ion: 95 Resp: 122657
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.8
176 70.7 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

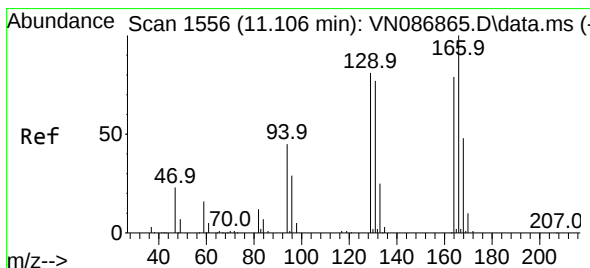
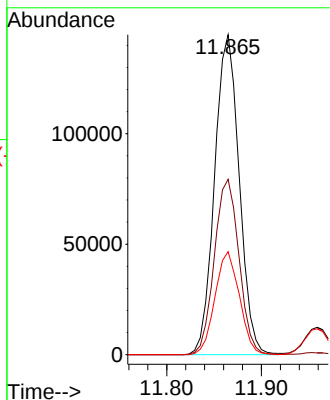
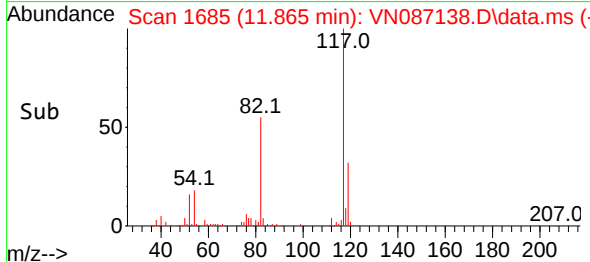
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion:117 Resp: 26164
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 32.2 25.5 38.3

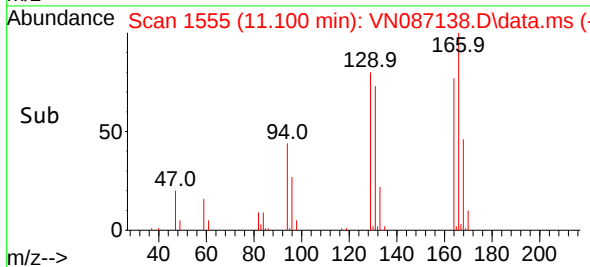
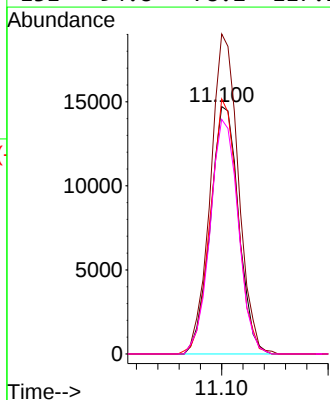
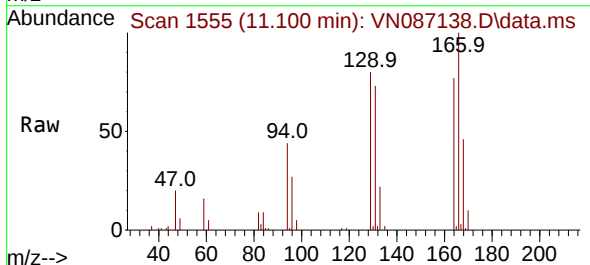
Manual Integrations
APPROVED

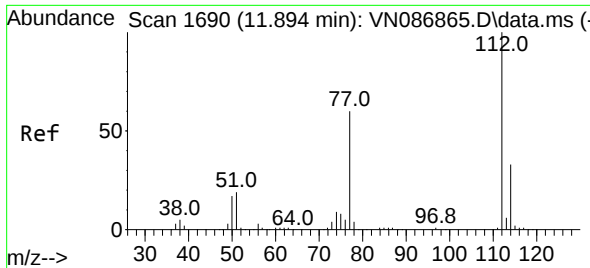
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#64
Tetrachloroethene
Concen: 16.389 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

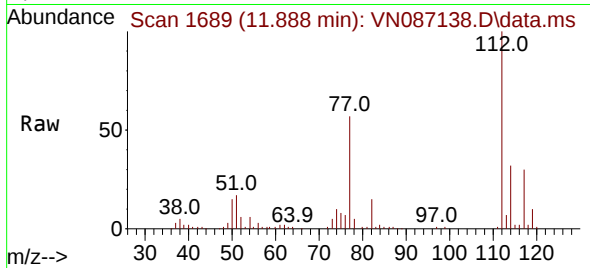
Tgt Ion:164 Resp: 27137
Ion Ratio Lower Upper
164 100
166 129.4 101.8 152.8
129 103.1 83.0 124.4
131 94.8 78.2 117.2





#65
Chlorobenzene
Concen: 17.802 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

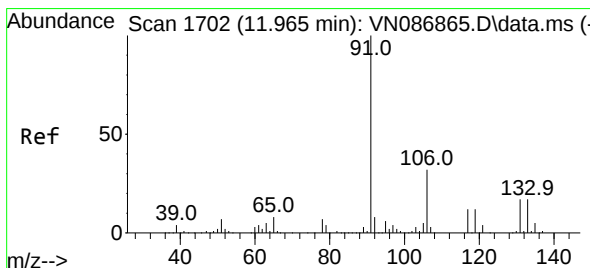
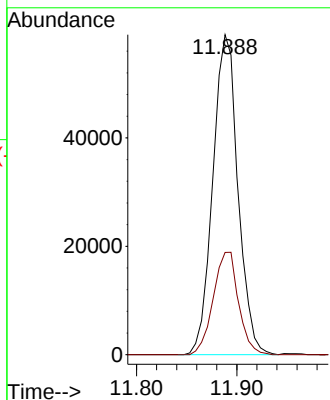
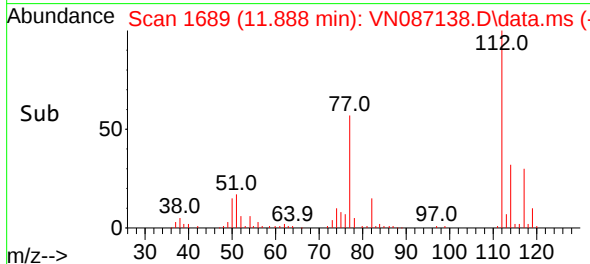
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion:112 Resp: 102720
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

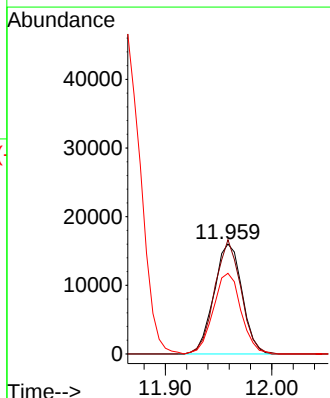
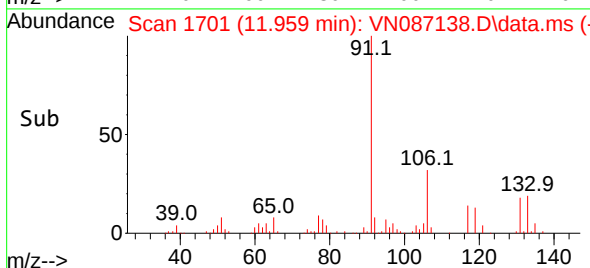
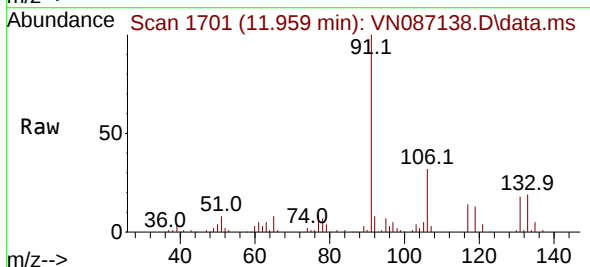
Manual Integrations
APPROVED

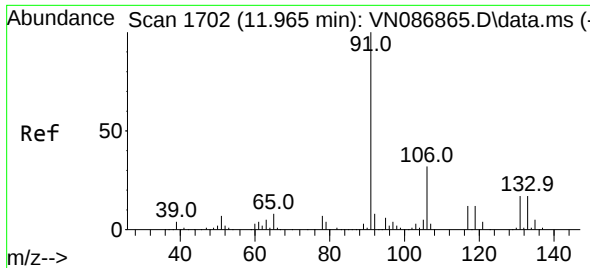
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 15.844 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion:131 Resp: 29389
Ion Ratio Lower Upper
131 100
133 97.4 48.3 144.8
119 72.4 34.0 101.8





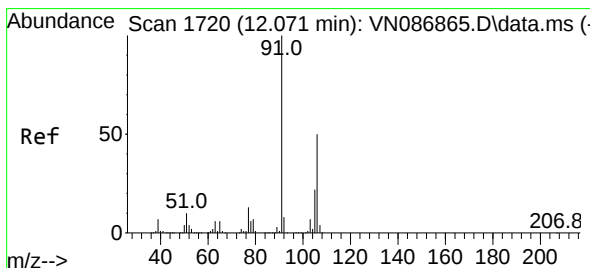
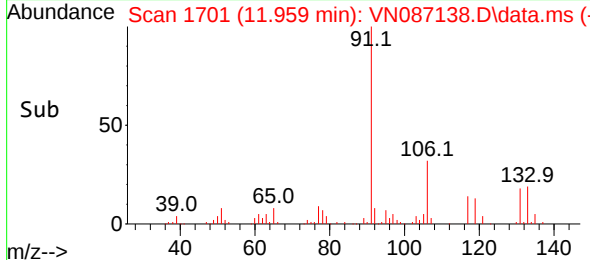
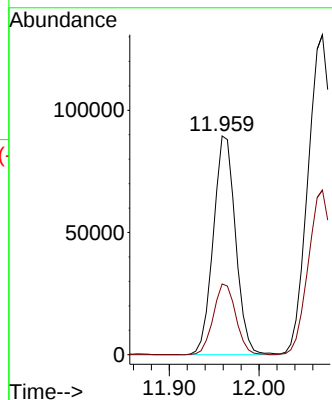
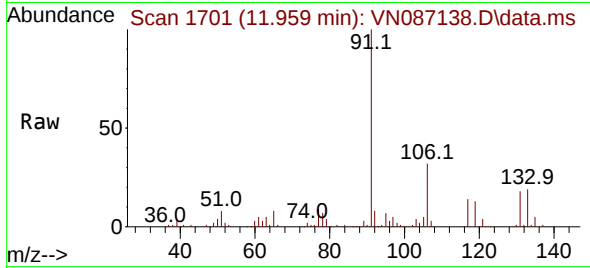
#67
Ethyl Benzene
Concen: 15.520 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion: 91 Resp: 154262
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.2

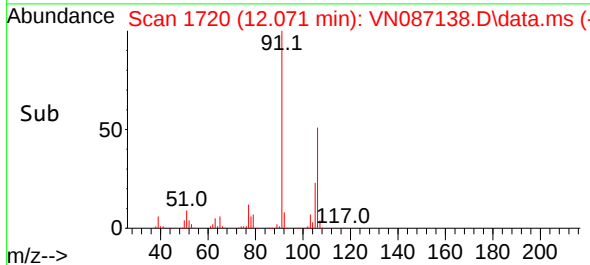
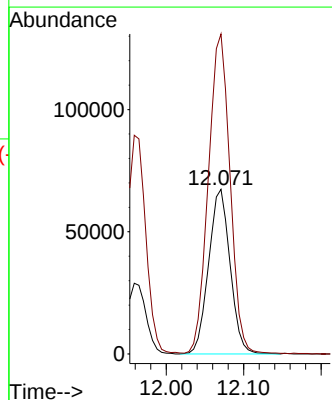
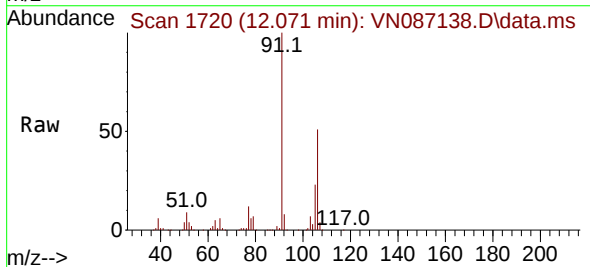
Manual Integrations
APPROVED

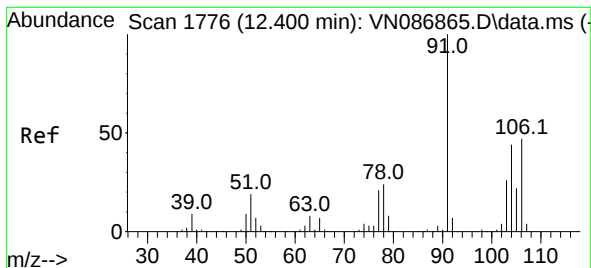
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#68
m/p-Xylenes
Concen: 34.115 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion:106 Resp: 129805
Ion Ratio Lower Upper
106 100
91 196.1 159.4 239.0





#69

o-Xylene

Concen: 17.971 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.006 min

Lab File: VN087138.D

Acq: 20 Jun 2025 14:48

Instrument :

MSVOA_N

ClientSampleId :

VN0620MBS01

Tgt Ion:106 Resp: 6548

Ion Ratio Lower Upper

106 100

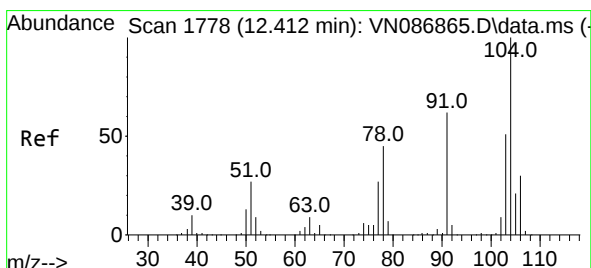
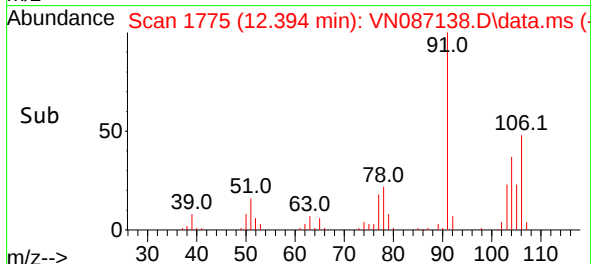
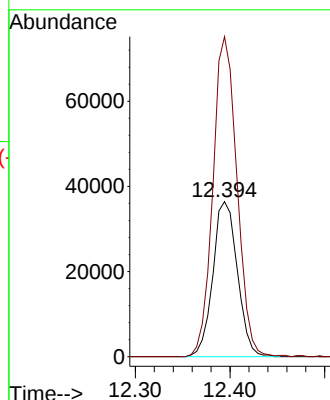
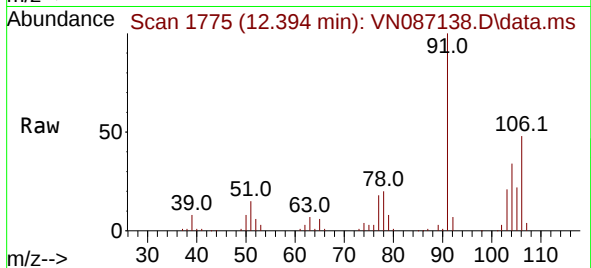
91 202.5 106.1 318.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#70

Styrene

Concen: 17.825 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN087138.D

Acq: 20 Jun 2025 14:48

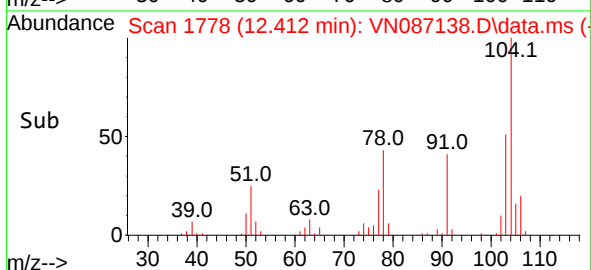
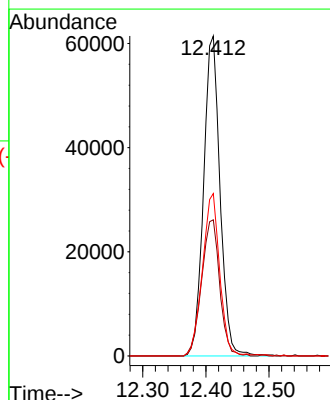
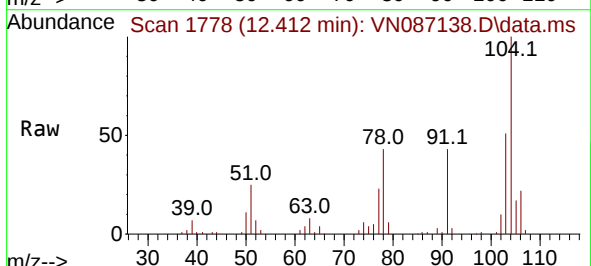
Tgt Ion:104 Resp: 111151

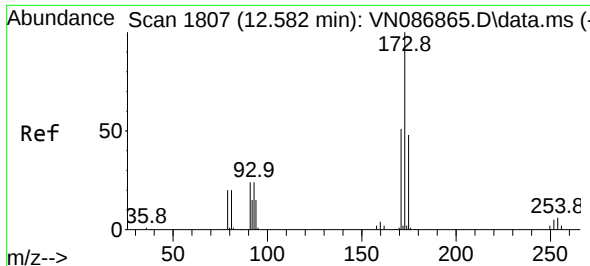
Ion Ratio Lower Upper

104 100

78 46.7 38.5 57.7

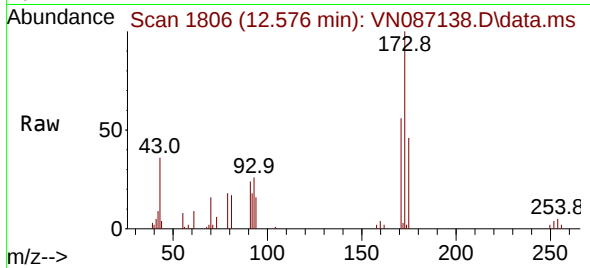
103 53.2 43.1 64.7





#71
Bromoform
Concen: 18.481 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

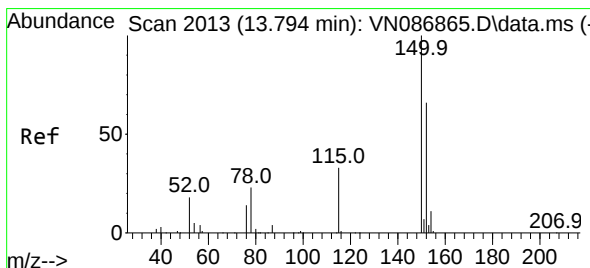
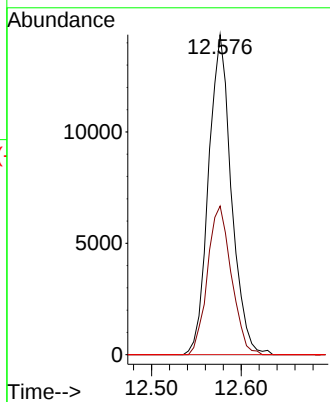
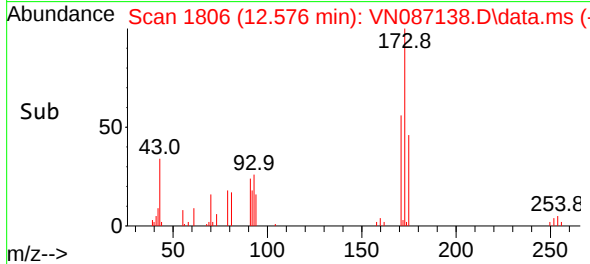
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion:173 Resp: 25400
Ion Ratio Lower Upper
173 100
175 48.5 24.1 72.4
254 0.0 0.0 0.0

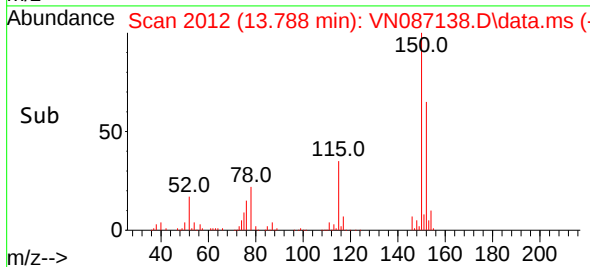
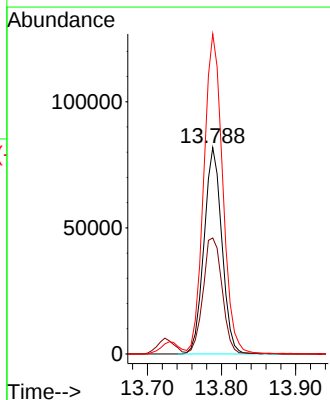
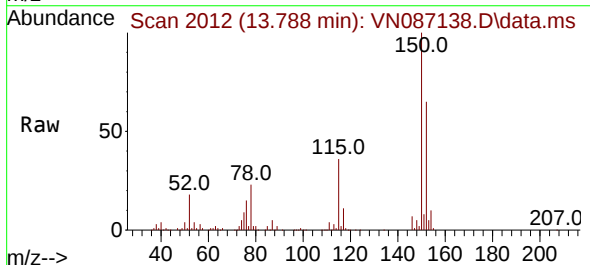
Manual Integrations
APPROVED

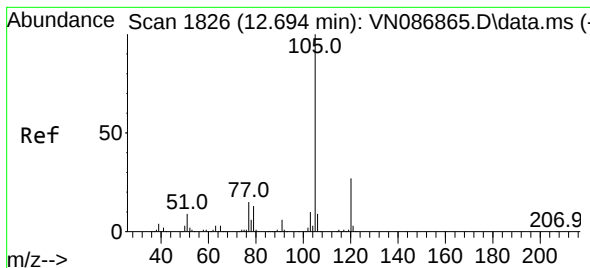
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion:152 Resp: 136861
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.5
150 163.3 0.0 345.0





#73

Isopropylbenzene

Concen: 16.567 ug/l

RT: 12.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087138.D

Acq: 20 Jun 2025 14:48

Instrument :

MSVOA_N

ClientSampleId :

VN0620MBS01

Tgt Ion:105 Resp: 16517

Ion Ratio Lower Upper

105 100

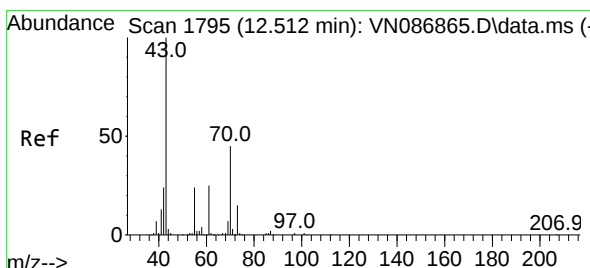
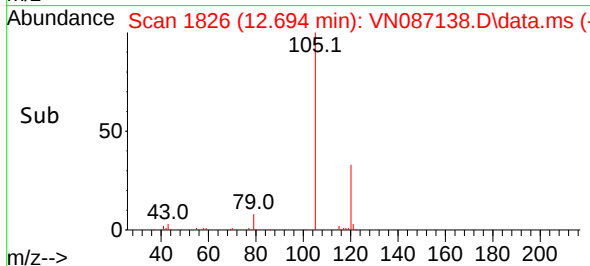
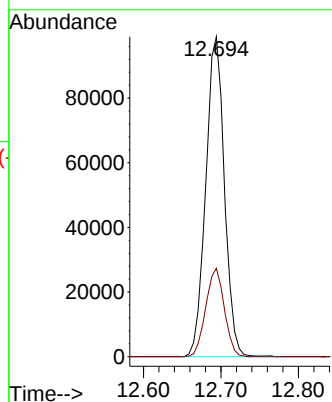
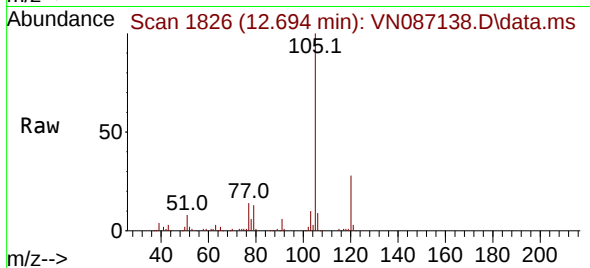
120 27.5 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#74

N-ethyl acetate

Concen: 16.167 ug/l m

RT: 12.541 min Scan# 1800

Delta R.T. 0.029 min

Lab File: VN087138.D

Acq: 20 Jun 2025 14:48

Tgt Ion: 43 Resp: 56328

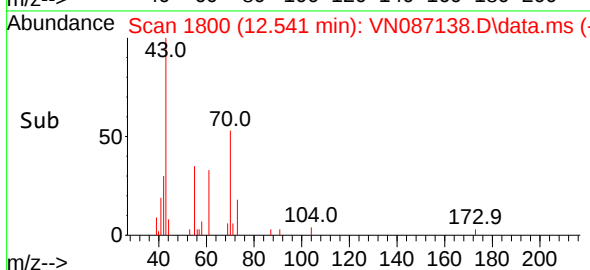
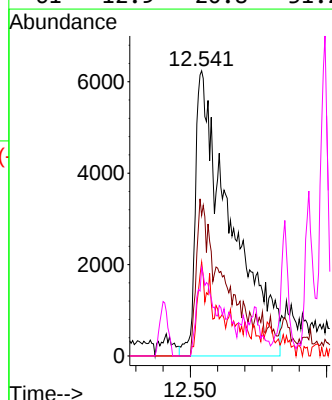
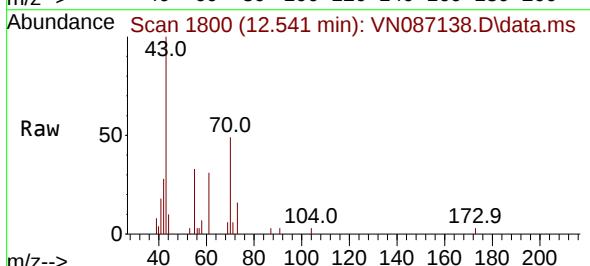
Ion Ratio Lower Upper

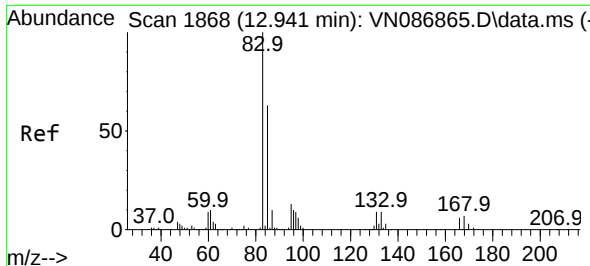
43 100

70 14.5 37.6 56.4#

55 6.4 19.0 28.6#

61 12.9 20.8 31.2#





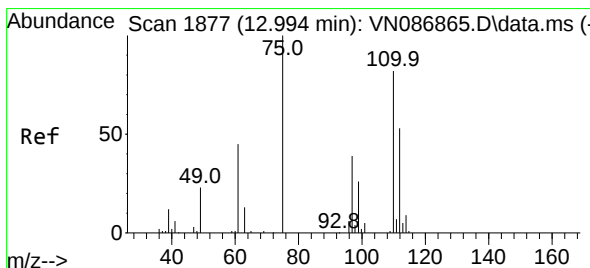
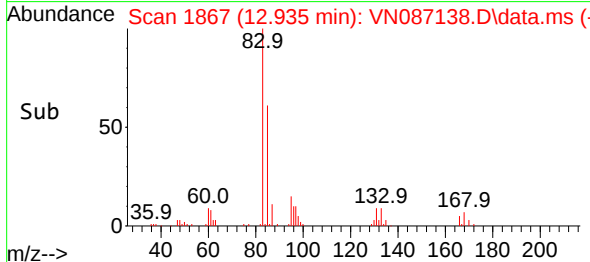
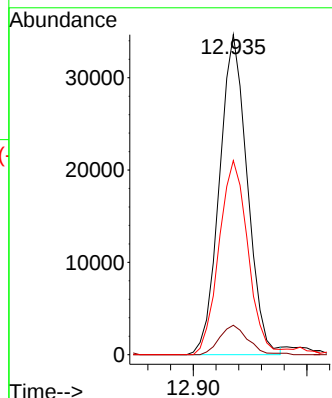
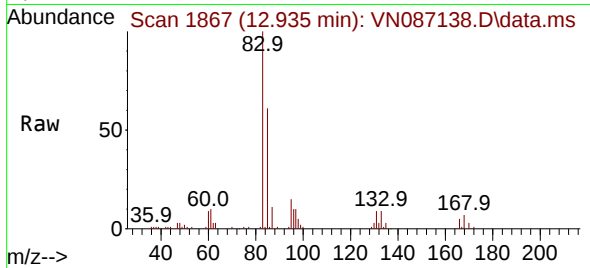
#75
1,1,2,2-Tetrachloroethane
Concen: 17.481 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion: 83 Resp: 59040
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.7
85 62.9 32.0 96.0

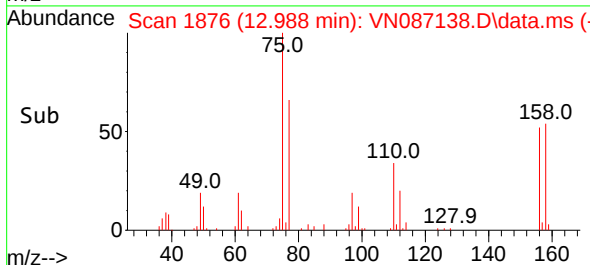
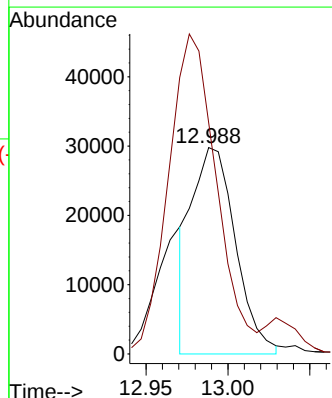
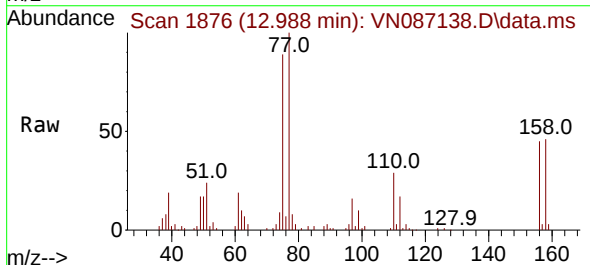
Manual Integrations
APPROVED

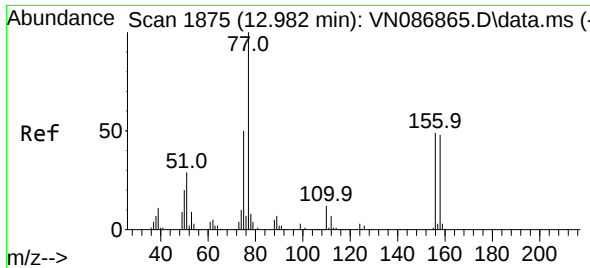
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#76
1,2,3-Trichloropropane
Concen: 17.021 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion: 75 Resp: 55372
Ion Ratio Lower Upper
75 100
77 170.6 79.3 237.9





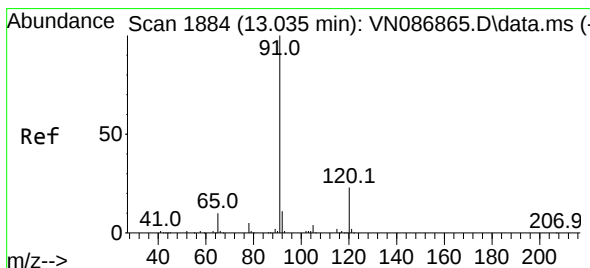
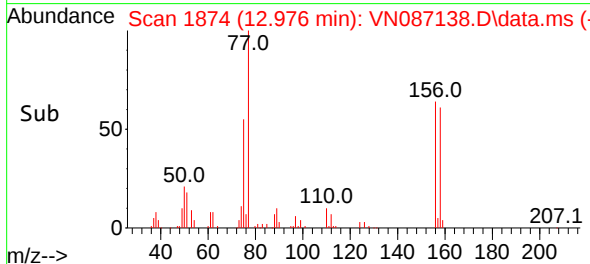
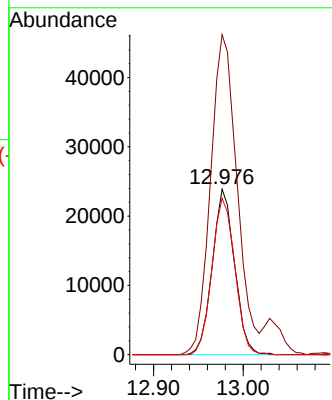
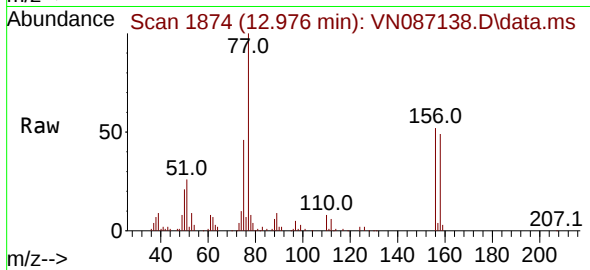
#77
Bromobenzene
Concen: 18.030 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion:156 Resp: 4122
Ion Ratio Lower Upper
156 100
77 229.2 117.7 353.1
158 96.8 48.1 144.4

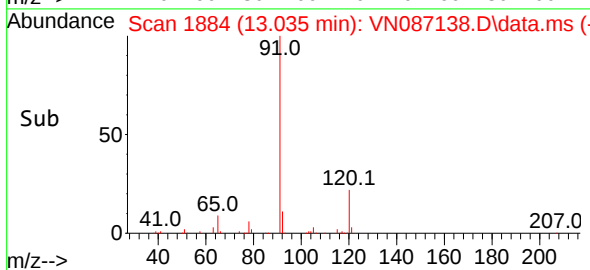
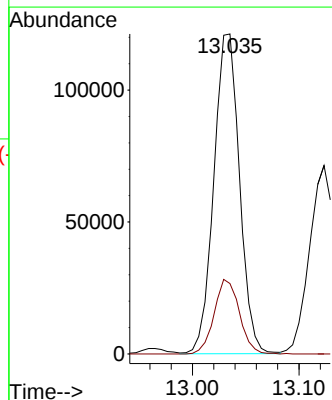
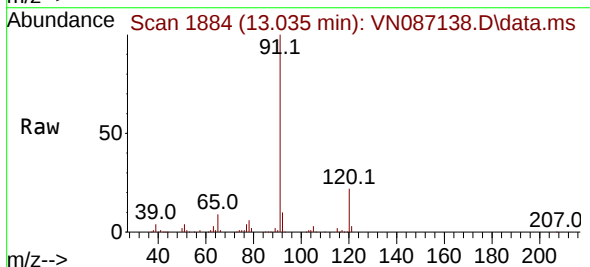
Manual Integrations
APPROVED

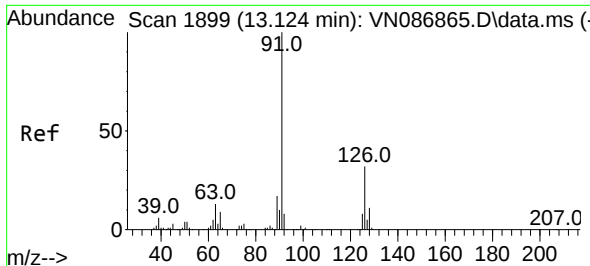
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#78
n-propylbenzene
Concen: 16.744 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion: 91 Resp: 202880
Ion Ratio Lower Upper
91 100
120 22.9 11.4 34.2





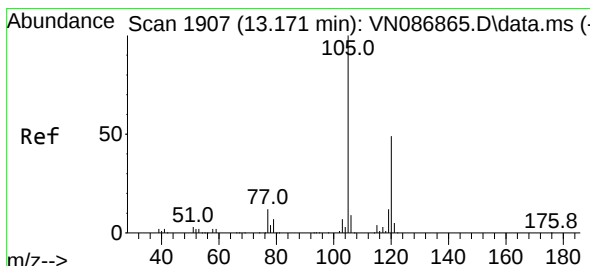
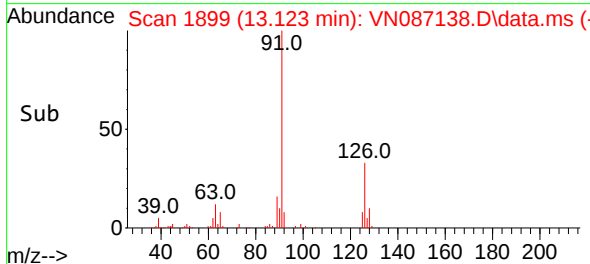
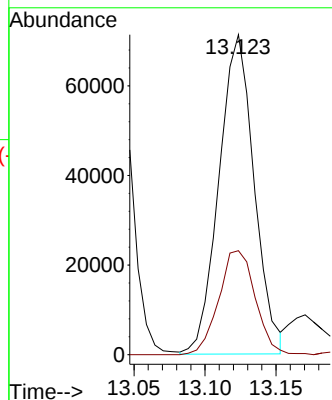
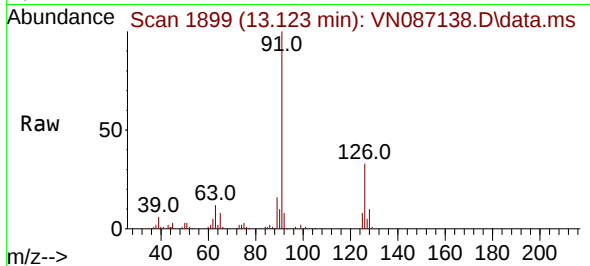
#79
2-Chlorotoluene
Concen: 16.907 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion: 91 Resp: 12285
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.5

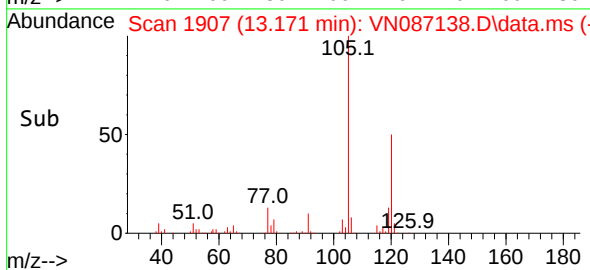
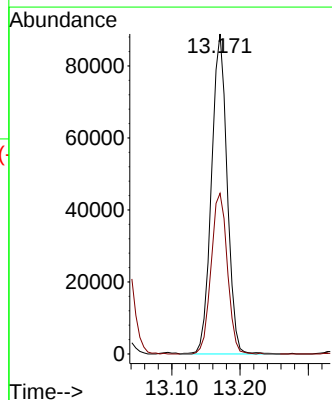
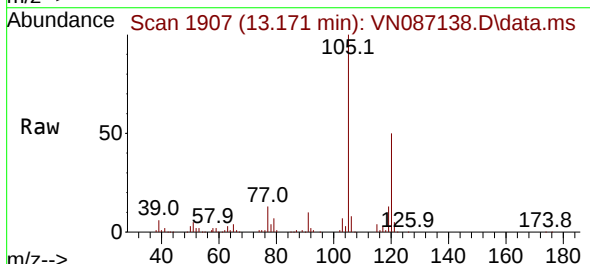
Manual Integrations
APPROVED

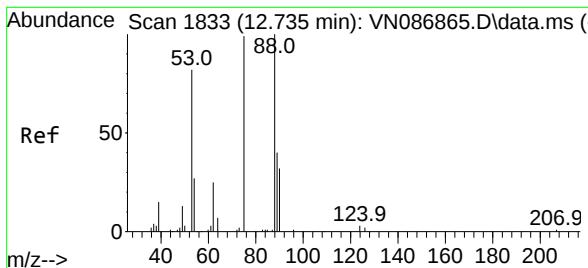
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.269 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

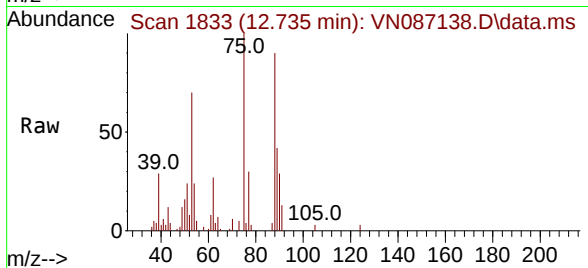
Tgt Ion:105 Resp: 142152
Ion Ratio Lower Upper
105 100
120 51.9 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 14.998 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

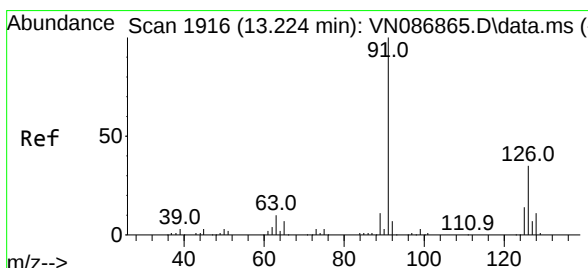
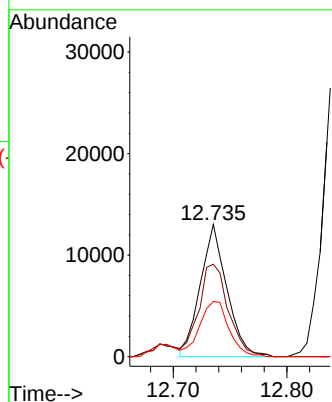
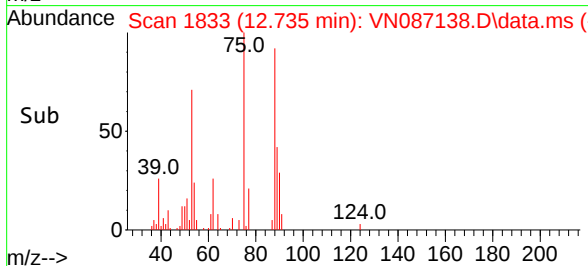
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



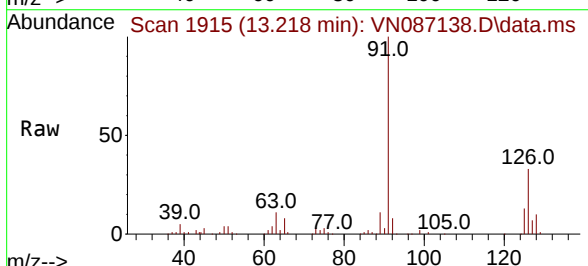
Tgt Ion: 75 Resp: 21190
Ion Ratio Lower Upper
75 100
53 78.1 66.6 99.8
89 46.1 36.7 55.1

Manual Integrations
APPROVED

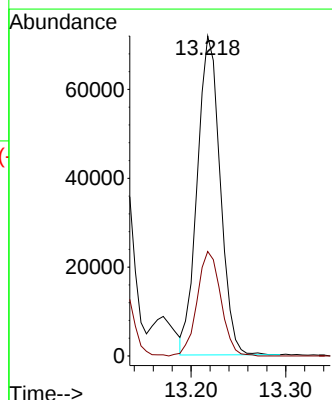
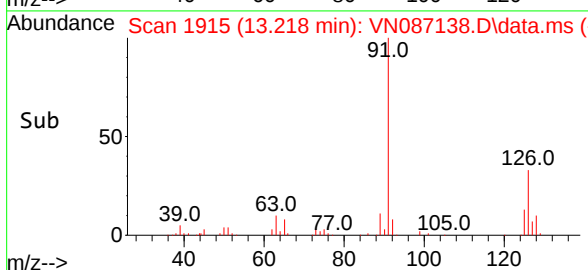
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

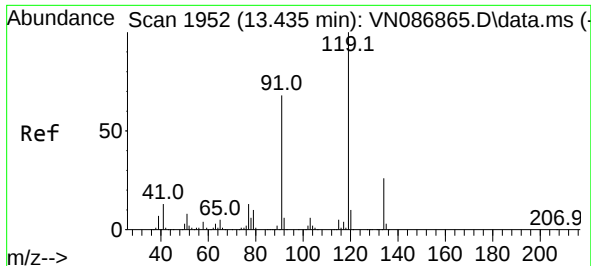


#82
4-Chlorotoluene
Concen: 16.410 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48



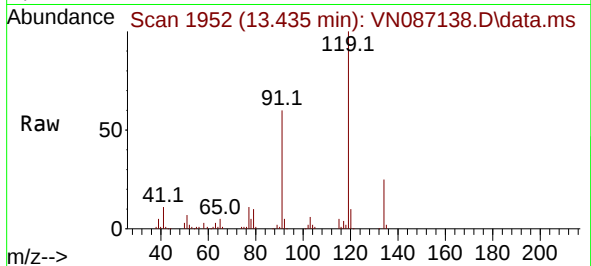
Tgt Ion: 91 Resp: 120652
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.1





#83
tert-Butylbenzene
Concen: 15.567 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

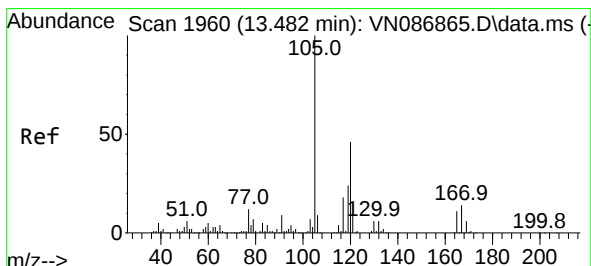
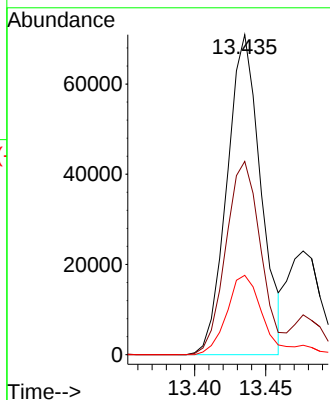
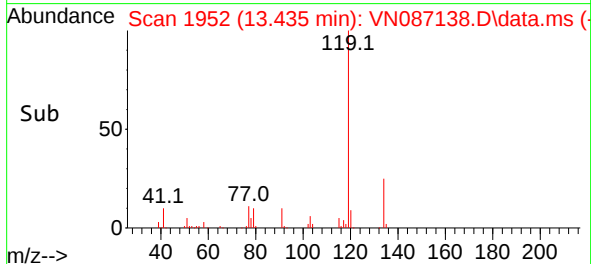
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



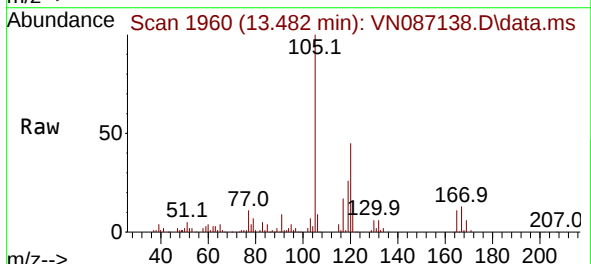
Tgt Ion:119 Resp: 117298
Ion Ratio Lower Upper
119 100
91 63.4 32.1 96.5
134 27.6 13.4 40.1

Manual Integrations
APPROVED

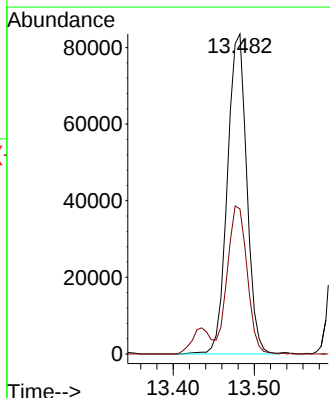
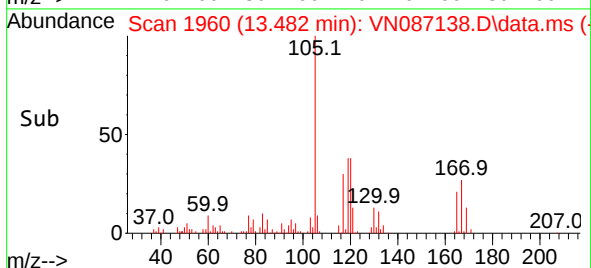
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

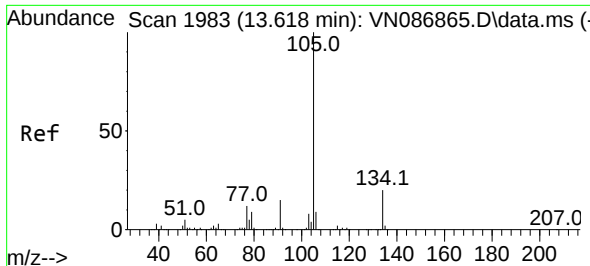


#84
1,2,4-Trimethylbenzene
Concen: 16.771 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48



Tgt Ion:105 Resp: 138439
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.6





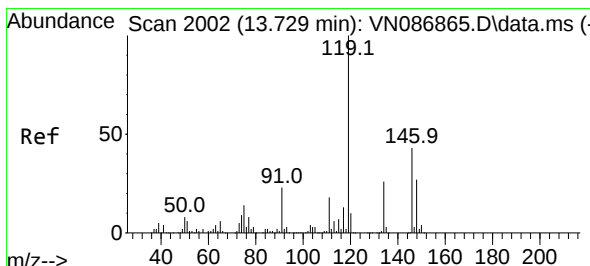
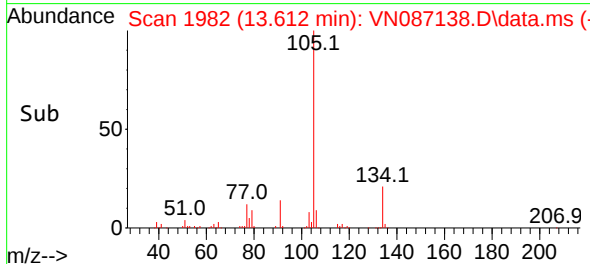
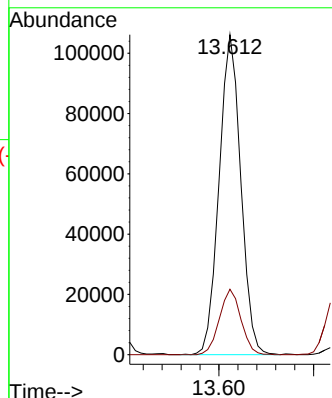
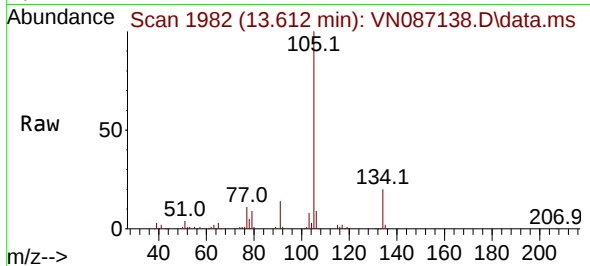
#85
 sec-Butylbenzene
 Concen: 15.425 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087138.D
 Acq: 20 Jun 2025 14:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0620MBS01

Tgt Ion:105 Resp: 168790
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0

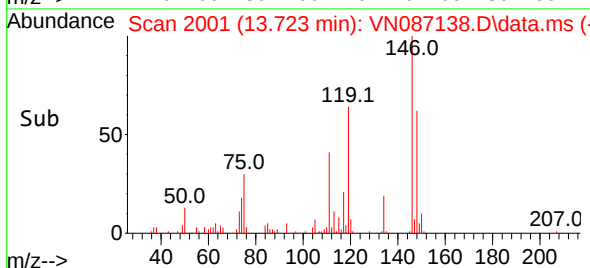
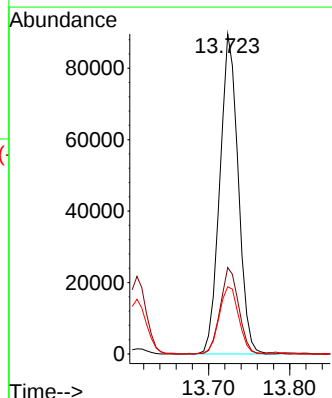
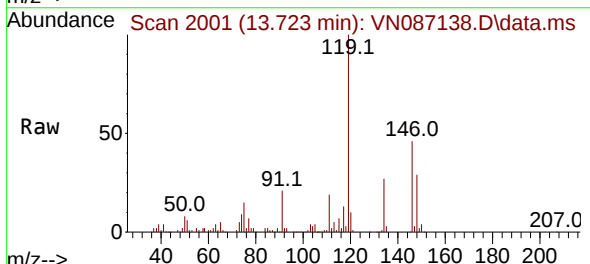
Manual Integrations
 APPROVED

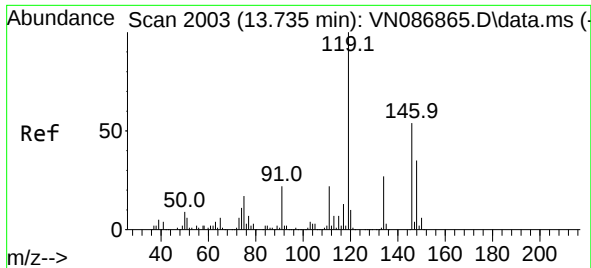
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#86
 p-Isopropyltoluene
 Concen: 15.591 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN087138.D
 Acq: 20 Jun 2025 14:48

Tgt Ion:119 Resp: 141027
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.4
 91 22.4 11.5 34.4





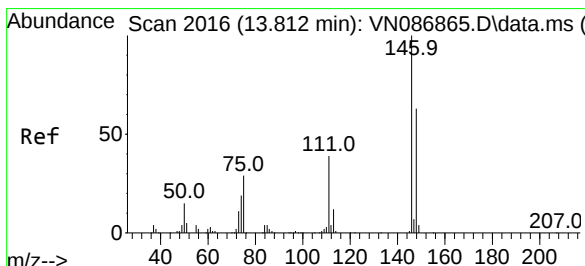
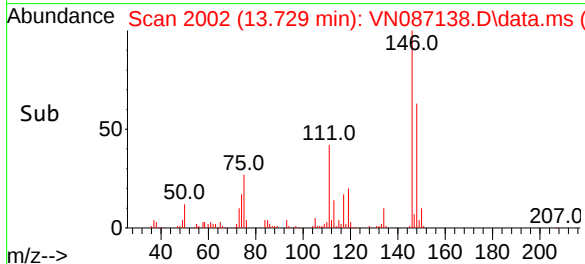
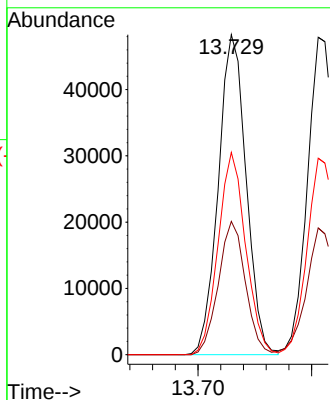
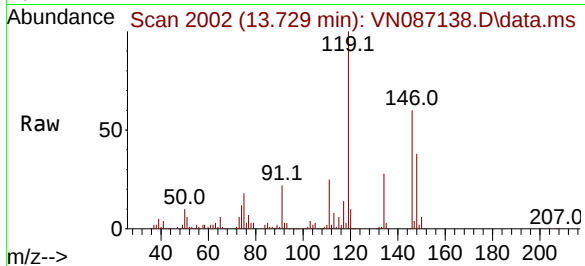
#87
1,3-Dichlorobenzene
Concen: 18.312 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion:146 Resp: 8238
Ion Ratio Lower Upper
146 100
111 40.3 20.9 62.8
148 62.6 32.0 96.2

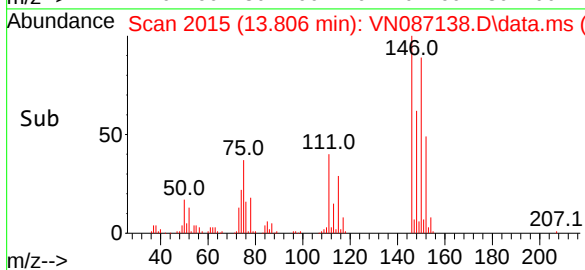
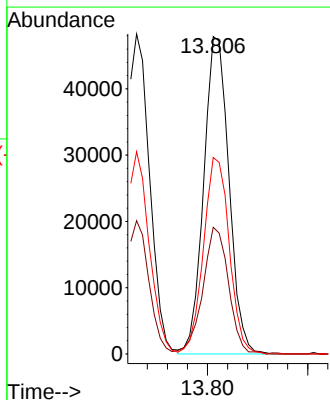
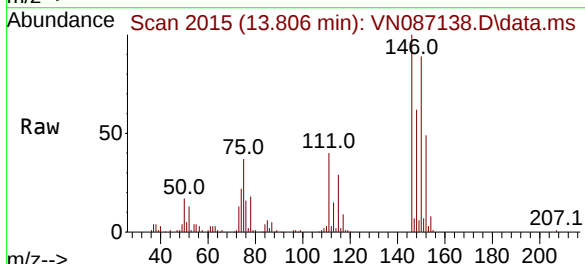
Manual Integrations
APPROVED

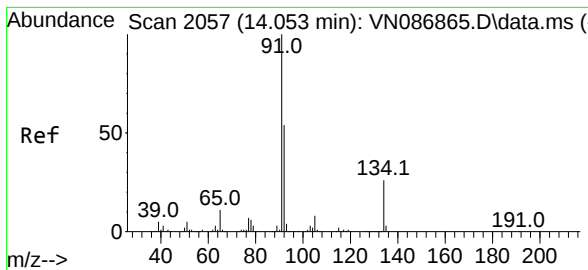
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#88
1,4-Dichlorobenzene
Concen: 18.293 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion:146 Resp: 83902
Ion Ratio Lower Upper
146 100
111 40.8 19.9 59.7
148 63.2 31.8 95.4





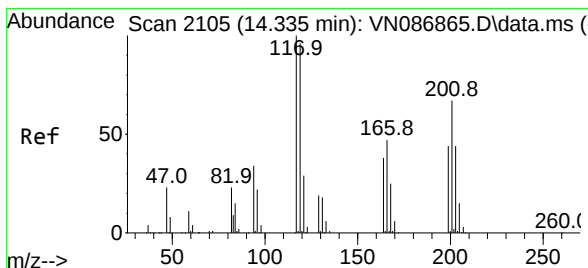
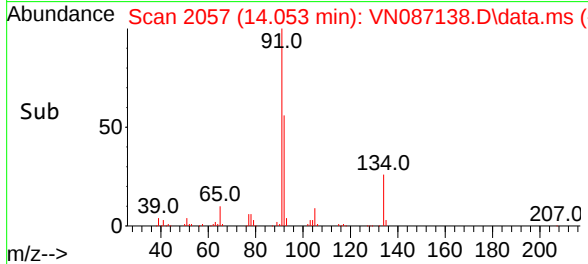
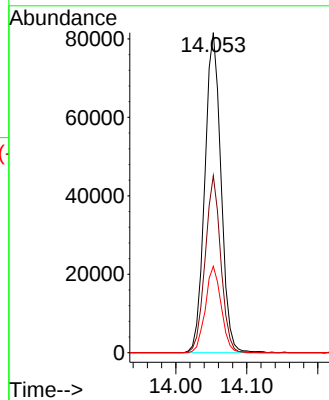
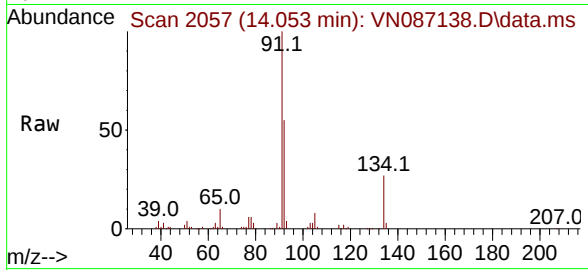
#89
n-Butylbenzene
Concen: 14.748 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion: 91 Resp: 129215
Ion Ratio Lower Upper
91 100
92 53.3 27.5 82.4
134 26.4 13.0 39.0

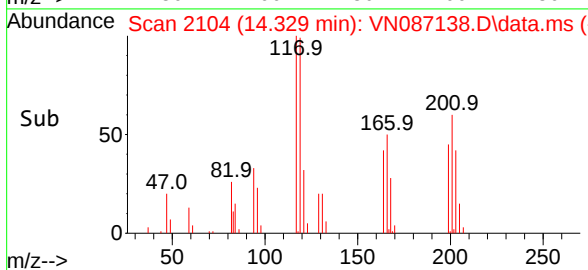
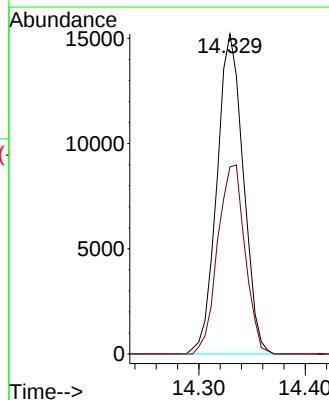
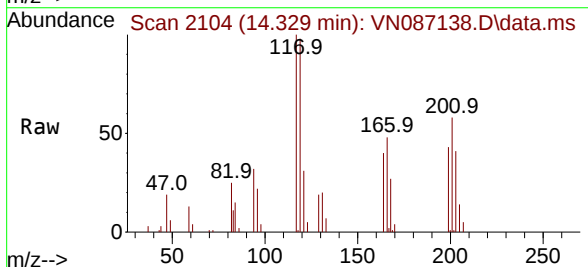
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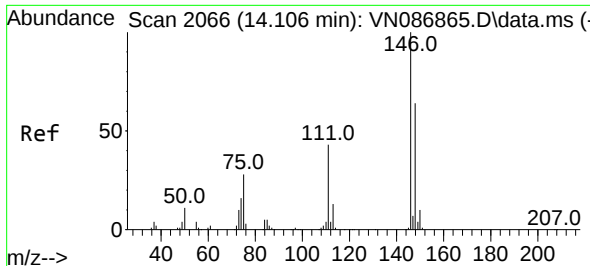
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#90
Hexachloroethane
Concen: 17.103 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion:117 Resp: 26223
Ion Ratio Lower Upper
117 100
201 61.2 33.2 99.6





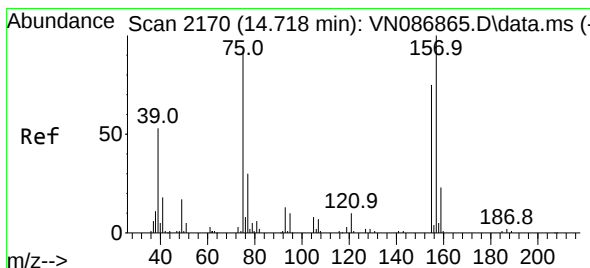
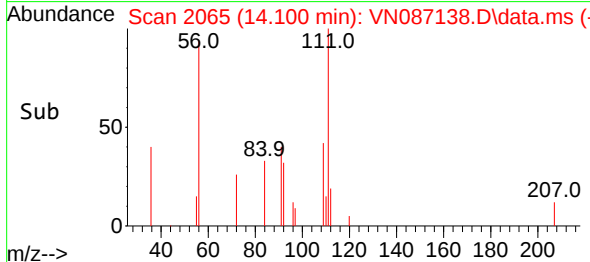
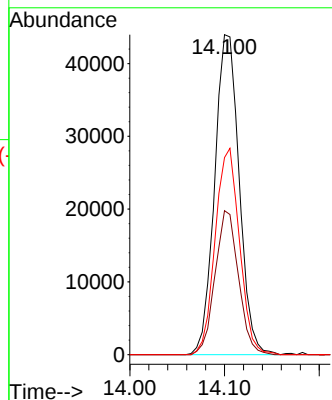
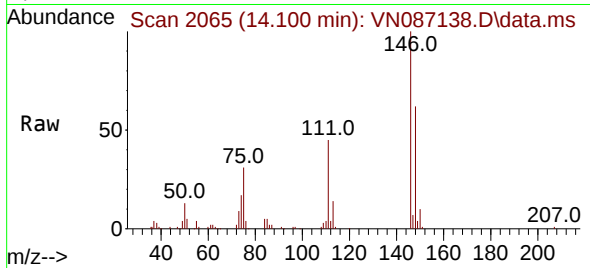
#91
1,2-Dichlorobenzene
Concen: 18.364 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion:146 Resp: 79370
Ion Ratio Lower Upper
146 100
111 43.0 21.6 64.6
148 63.8 31.7 95.1

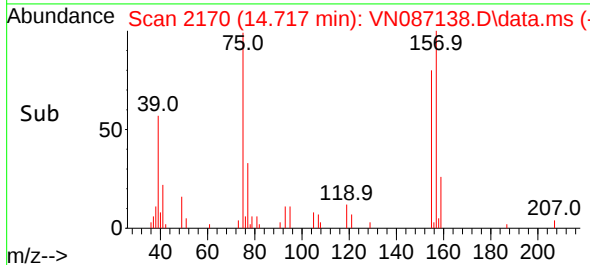
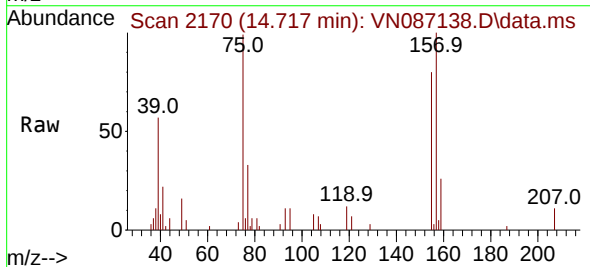
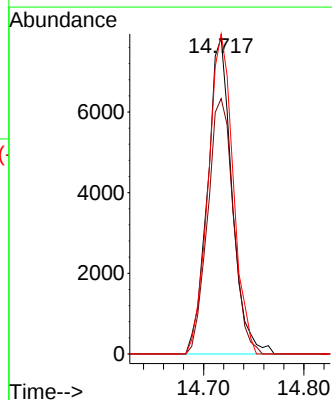
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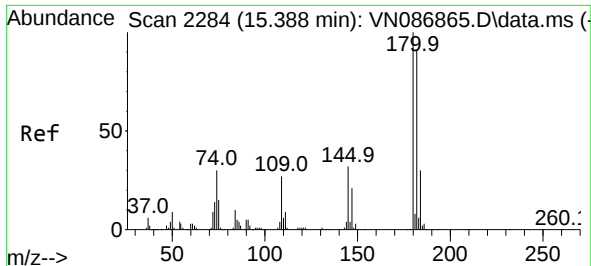
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.436 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion: 75 Resp: 13277
Ion Ratio Lower Upper
75 100
155 84.8 41.1 123.4
157 103.3 52.7 158.1





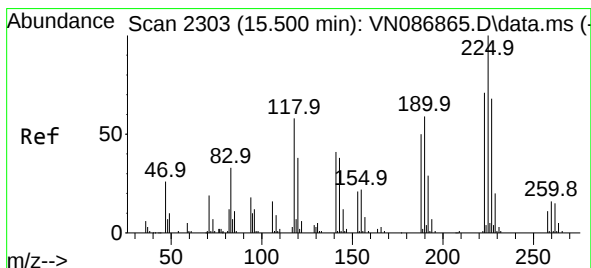
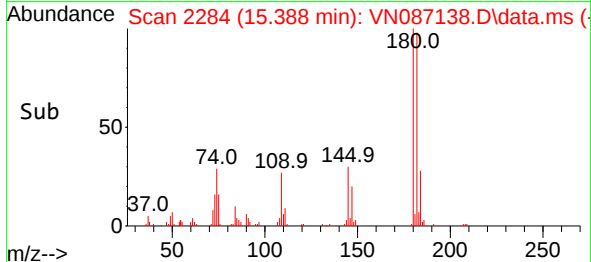
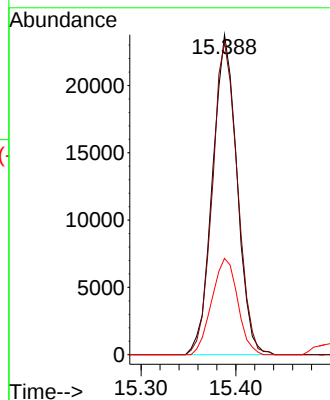
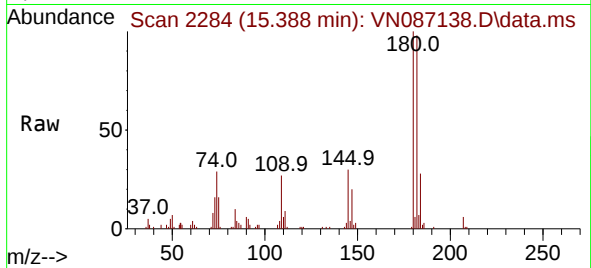
#93
1,2,4-Trichlorobenzene
Concen: 15.492 ug/l
RT: 15.388 min Scan# 2102
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01

Tgt Ion:180 Resp: 4275
Ion Ratio Lower Upper
180 100
182 99.1 46.9 140.7
145 31.7 16.0 47.9

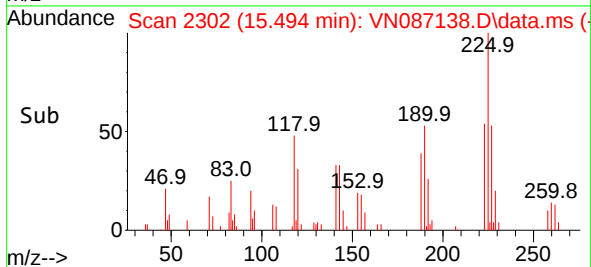
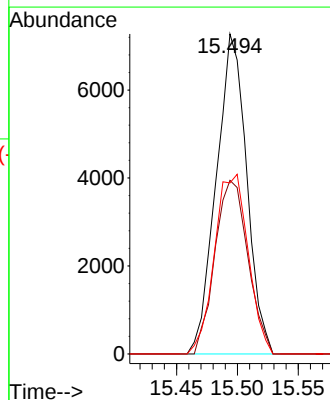
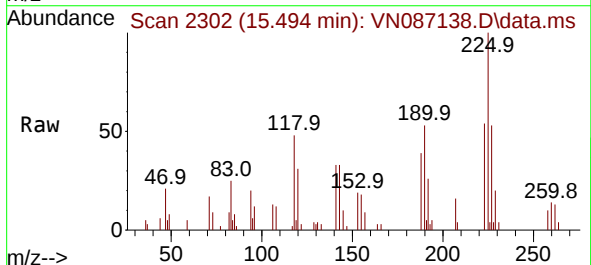
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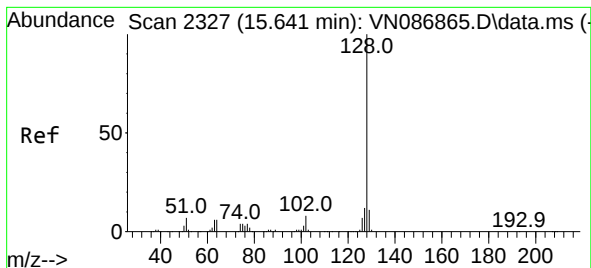
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#94
Hexachlorobutadiene
Concen: 12.290 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

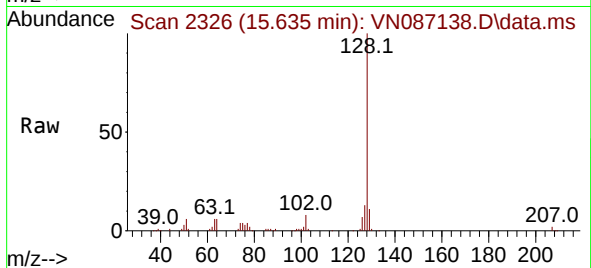
Tgt Ion:225 Resp: 12637
Ion Ratio Lower Upper
225 100
223 59.1 33.5 100.4
227 62.1 31.1 93.5





#95
Naphthalene
Concen: 15.872 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

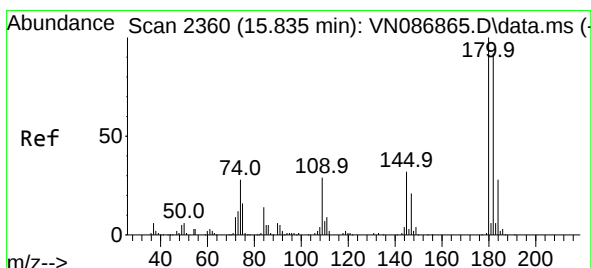
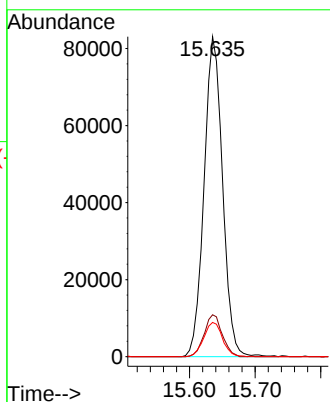
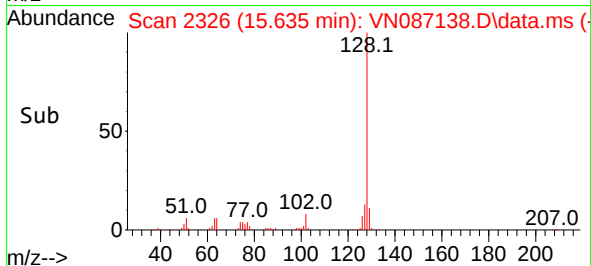
Instrument :
MSVOA_N
ClientSampleId :
VN0620MBS01



Tgt Ion:128 Resp: 163050
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#96
1,2,3-Trichlorobenzene
Concen: 15.020 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087138.D
Acq: 20 Jun 2025 14:48

Tgt Ion:180 Resp: 41187
Ion Ratio Lower Upper
180 100
182 97.8 47.0 141.0
145 34.1 16.6 49.8

