

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062525\
 Data File : VN087169.D
 Acq On : 25 Jun 2025 11:41
 Operator : JC\MD
 Sample : VN0625WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 25 15:30:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	40080	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	221679	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	199254	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	87573	28.999	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.667%		
60) 4-Bromofluorobenzene	12.847	95	94645	30.782	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.600%		
63) Toluene-d8	10.571	98	256751	28.699	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.667%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	41812	17.330	ug/l	96
3) Chloromethane	2.401	50	43300	17.571	ug/l	98
4) Vinyl Chloride	2.554	62	47028	17.559	ug/l	91
5) Bromomethane	3.001	94	26489	18.636	ug/l	92
6) Chloroethane	3.153	64	26233	18.260	ug/l	94
7) Trichlorofluoromethane	3.530	101	57697	17.563	ug/l	97
8) Diethyl Ether	3.983	74	29561	18.315	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.400	101	43880	18.016	ug/l #	88
10) 1,1-Dichloroethene	4.365	96	43568	17.945	ug/l	99
11) Methyl Iodide	4.618	142	35161	16.165	ug/l	88
12) Methyl Acetate	5.047	43	69413	18.227	ug/l	100
13) Acrolein	4.200	56	56887	97.212	ug/l	100
14) Acrylonitrile	5.736	53	162189	91.304	ug/l	99
15) Acetone	4.447	58	47077	90.854	ug/l	88
16) Carbon Disulfide	4.736	76	123503	17.398	ug/l	99
17) Allyl chloride	5.053	41	69431	17.338	ug/l	96
18) Methylene Chloride	5.300	84	51541	18.325	ug/l	96
19) trans-1,2-Dichloroethene	5.806	96	47120	17.747	ug/l	98
20) Diisopropyl ether	6.689	45	156504	18.421	ug/l	95
21) 1,1-Dichloroethane	6.589	63	91207	17.962	ug/l	98
22) cis-1,2-Dichloroethene	7.500	96	57247	18.526	ug/l	96
23) tert-Butyl Alcohol	5.536	59	63522	95.086	ug/l #	100
24) Methyl tert-Butyl Ether	5.818	73	155727	18.288	ug/l	97
25) Chloroform	7.977	83	88621	18.217	ug/l	97
26) Cyclohexane	8.271	56	75788	17.956	ug/l #	96
29) 1,1-Dichloropropene	8.383	75	64548	18.682	ug/l	99
30) 2-Butanone	7.494	43	221213	94.912	ug/l	98
31) 2,2-Dichloropropane	7.500	77	78376	18.792	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	74460	18.446	ug/l	99
33) Carbon Tetrachloride	8.371	117	61832	18.202	ug/l	99
34) Benzene	8.612	78	205474	18.771	ug/l	97
35) Methacrylonitrile	7.788	41	46011	19.588	ug/l	94
36) 1,2-Dichloroethane	8.677	62	65022	18.385	ug/l	98
37) Trichloroethene	9.359	130	45986	18.214	ug/l	95
38) Methylcyclohexane	9.606	83	69209	17.457	ug/l	99
39) 1,2-Dichloropropane	9.624	63	48851	17.781	ug/l	100
40) Dibromomethane	9.712	93	32408	17.348	ug/l	98
41) Bromodichloromethane	9.888	83	65305	17.318	ug/l	99
42) Vinyl Acetate	6.618	43	702638	92.688	ug/l	99

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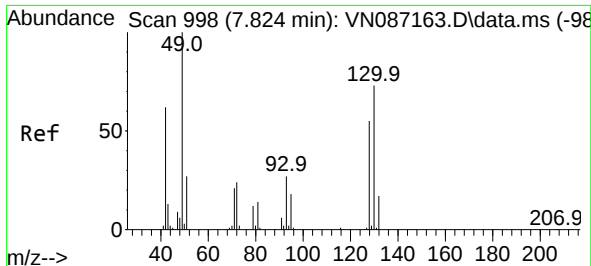
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 Supervised By : Mahesh Dadoda 06/26/2025

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	83363	19.813	ug/l	100
44) Isopropyl Acetate	8.694	43	126593	18.467	ug/l	97
45) 1,4-Dioxane	9.706	88	18671	402.635	ug/l	96
46) Methyl methacrylate	9.688	41	54327	17.048	ug/l	98
47) n-amyl Acetate	12.535	43	62203m	14.842	ug/l	
48) t-1,3-Dichloropropene	10.841	75	72995	17.365	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	77553	17.354	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	46680	17.590	ug/l	94
51) Ethyl methacrylate	10.882	69	69376	17.176	ug/l	97
52) 1,3-Dichloropropane	11.165	76	81841	17.964	ug/l	98
53) Dibromochloromethane	11.359	129	48580	17.439	ug/l	99
54) 1,2-Dibromoethane	11.465	107	46668	17.045	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	184712	79.782	ug/l	99
56) Bromoform	12.576	173	34260	17.891	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	367651	91.781	ug/l	99
59) 2-Hexanone	11.206	43	228657	88.400	ug/l	98
61) Tetrachloroethene	11.106	164	35640	18.062	ug/l	98
62) Toluene	10.629	91	201899	17.941	ug/l	98
64) Chlorobenzene	11.894	112	136015	18.948	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	44912	18.935	ug/l	97
66) Ethyl Benzene	11.965	91	233773	18.979	ug/l	98
67) m/p-Xylenes	12.071	106	180563	38.254	ug/l	97
68) o-Xylene	12.400	106	84663	18.801	ug/l	98
69) Styrene	12.412	104	144499	18.691	ug/l	99
70) Isopropylbenzene	12.694	105	216458	19.300	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	79763	19.758	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	57506m	16.519	ug/l	
73) Bromobenzene	12.976	156	50908	18.712	ug/l	99
74) n-propylbenzene	13.035	91	269660	19.681	ug/l	99
75) 2-Chlorotoluene	13.123	91	161011	19.451	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	182359	19.973	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	28284	18.317	ug/l	93
78) 4-Chlorotoluene	13.218	91	168956	19.929	ug/l	98
79) tert-butylbenzene	13.435	119	150328	19.587	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	181619	19.810	ug/l	99
81) sec-Butylbenzene	13.612	105	224608	20.132	ug/l	100
82) p-Isopropyltoluene	13.729	119	186913	20.132	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	101885	19.448	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	102280	19.398	ug/l	98
85) n-Butylbenzene	14.053	91	163249	19.271	ug/l	99
86) Hexachloroethane	14.329	117	32432	18.454	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	87155	17.644	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	16914	18.607	ug/l	95
89) 1,2,4-Trichlorobenzene	15.835	180	50391	18.031	ug/l	97
90) Hexachlorobutadiene	15.500	225	16395	19.769	ug/l	98
91) Naphthalene	15.635	128	198987	18.091	ug/l	98
92) 1,2,3-Trichlorobenzene	15.835	180	50391	18.031	ug/l	97

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



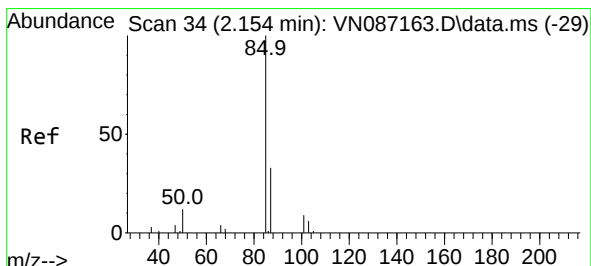
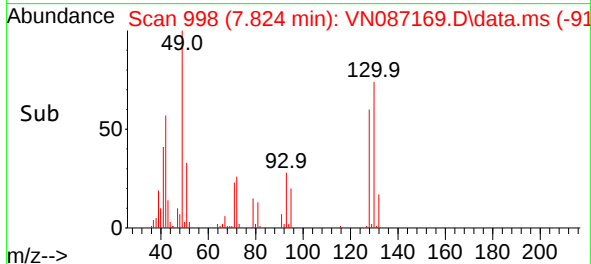
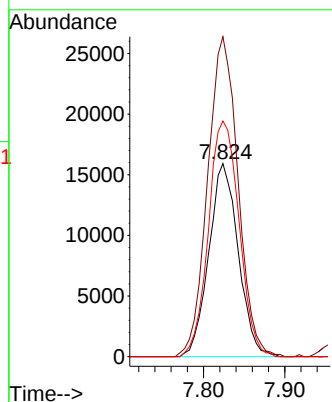
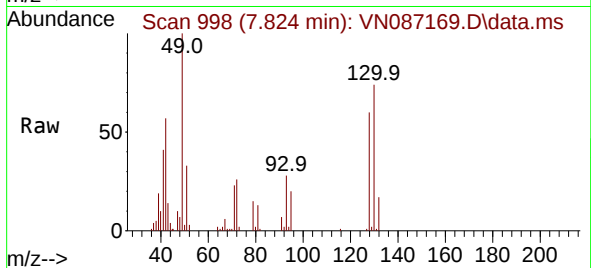
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
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VN0625WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
49	171.3	0.0	450.5
130	127.3	0.0	320.7

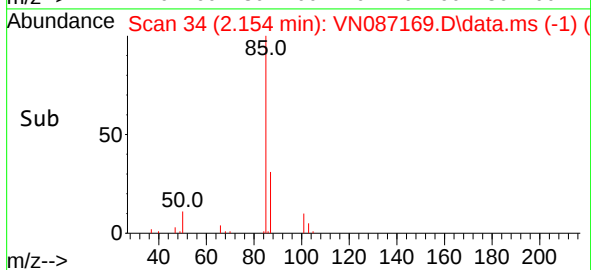
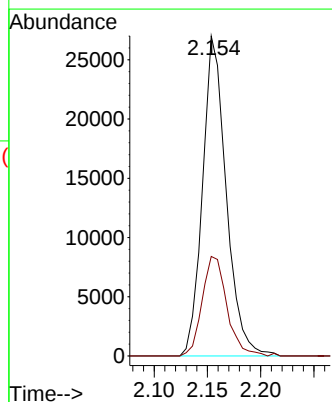
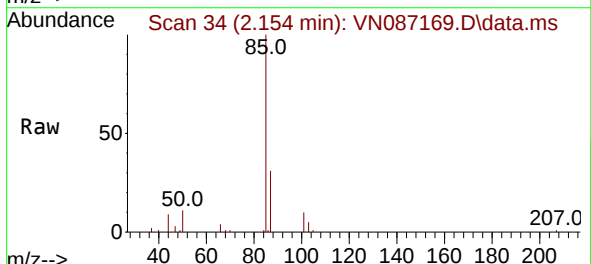
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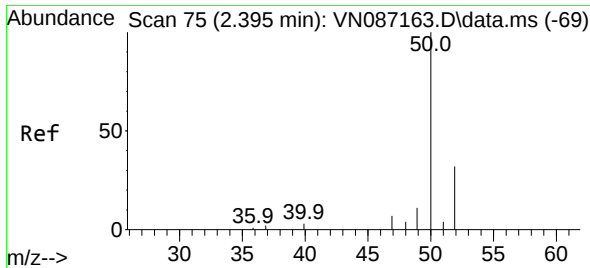
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#2
Dichlorodifluoromethane
Concen: 17.330 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.7	50.0





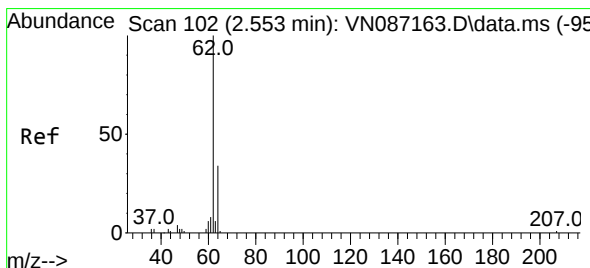
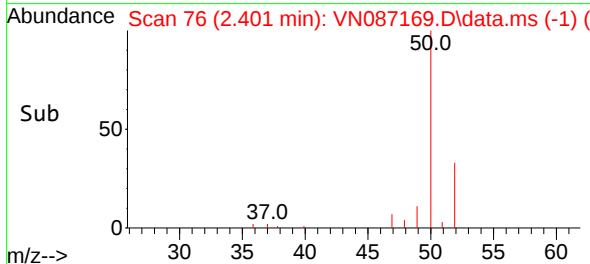
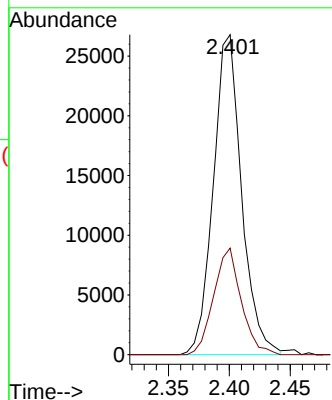
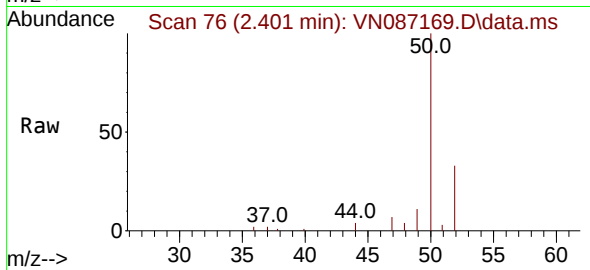
#3
Chloromethane
Concen: 17.571 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion: 50 Resp: 43300
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9

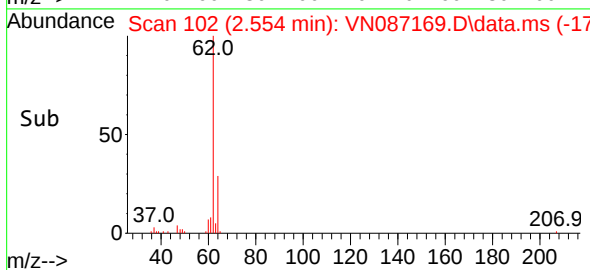
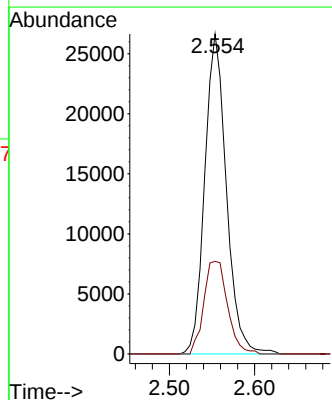
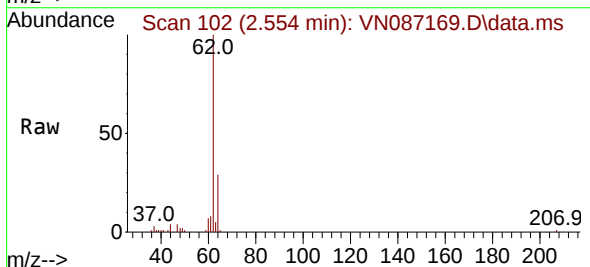
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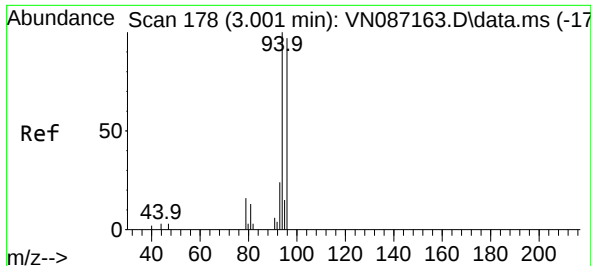
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#4
Vinyl Chloride
Concen: 17.559 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

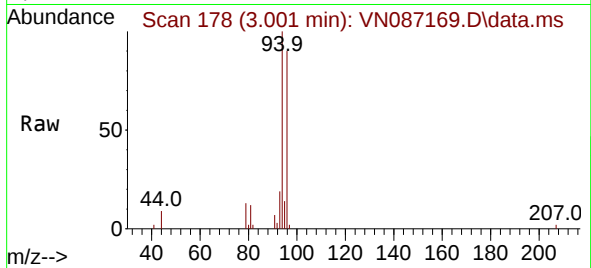
Tgt Ion: 62 Resp: 47028
Ion Ratio Lower Upper
62 100
64 29.0 27.4 41.2





#5
Bromomethane
Concen: 18.636 ug/l
RT: 3.001 min Scan# 178
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

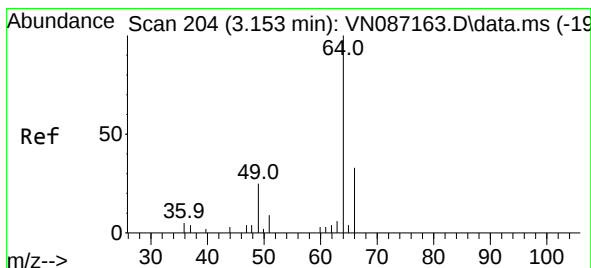
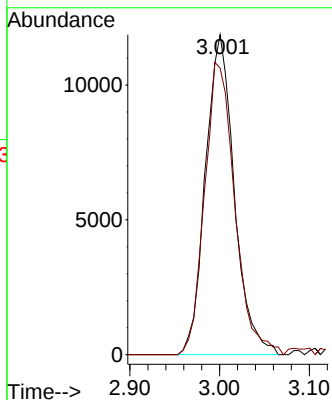
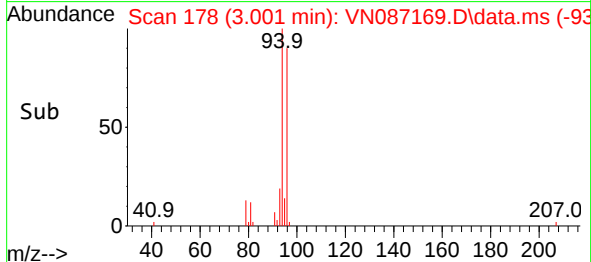
Instrument :
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ClientSampleId :
VN0625WBS01



Tgt Ion: 94 Resp: 26489
Ion Ratio Lower Upper
94 100
96 89.5 77.9 116.9

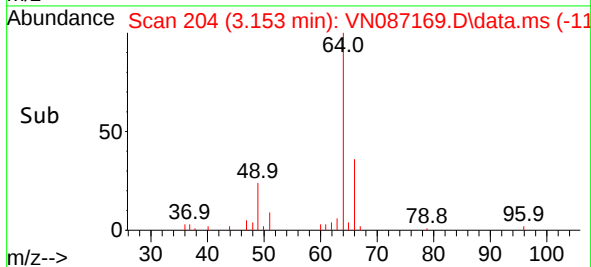
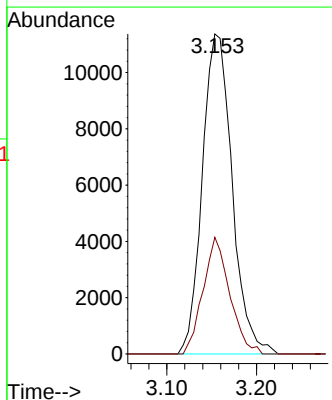
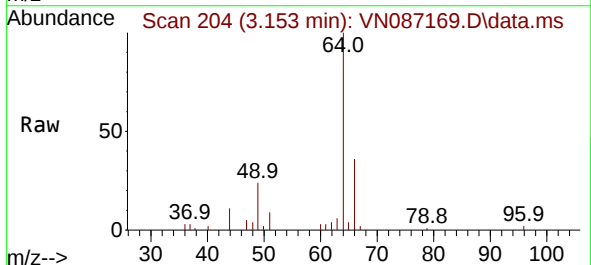
Manual Integrations
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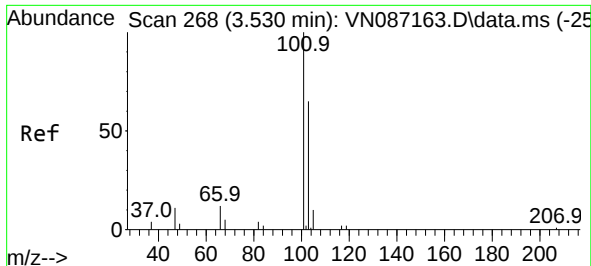
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#6
Chloroethane
Concen: 18.260 ug/l
RT: 3.153 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

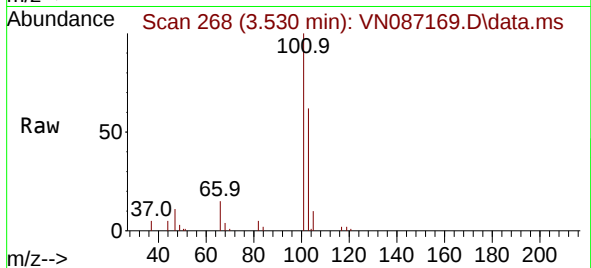
Tgt Ion: 64 Resp: 26233
Ion Ratio Lower Upper
64 100
66 36.4 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 17.563 ug/l
 RT: 3.530 min Scan# 268
 Delta R.T. 0.000 min
 Lab File: VN087169.D
 Acq: 25 Jun 2025 11:41

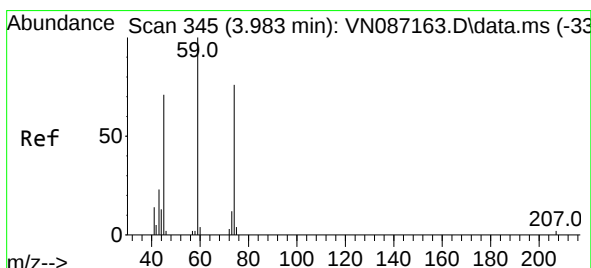
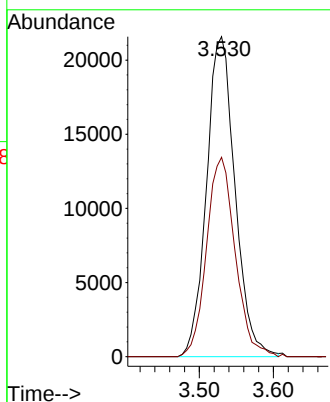
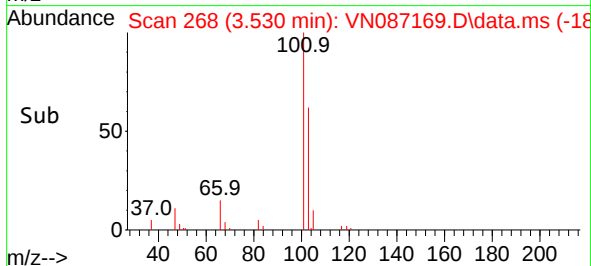
Instrument :
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Tgt Ion: 101 Resp: 5769
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.8 77.8

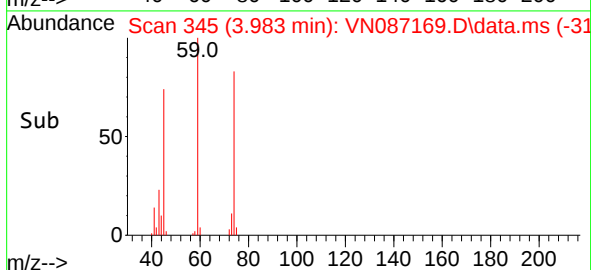
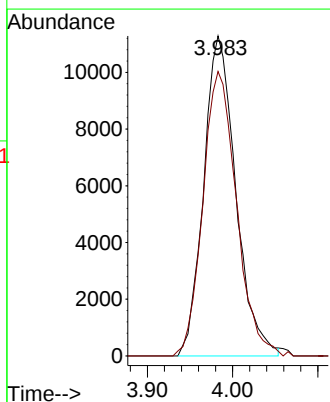
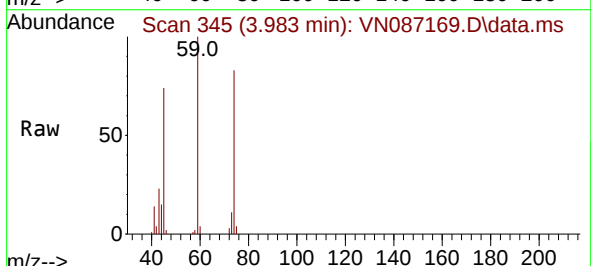
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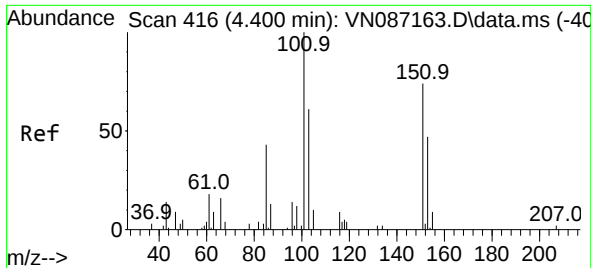
Reviewed By : John Carlone 06/25/2025
 Supervised By : Mahesh Dadoda 06/26/2025



#8
 Diethyl Ether
 Concen: 18.315 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN087169.D
 Acq: 25 Jun 2025 11:41

Tgt Ion: 74 Resp: 29561
 Ion Ratio Lower Upper
 74 100
 45 92.9 19.0 171.0





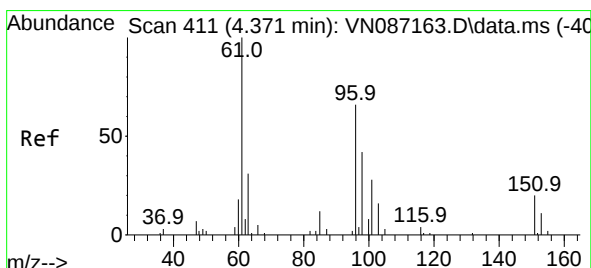
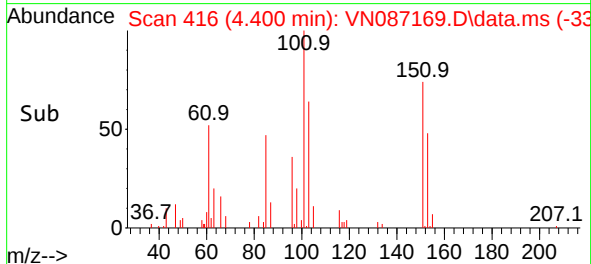
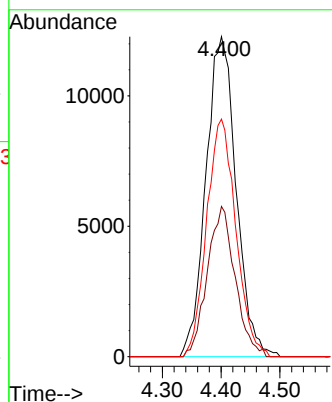
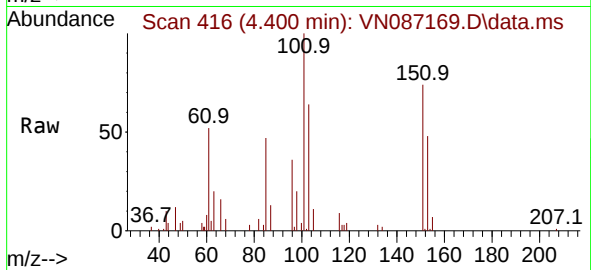
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1,1,2-Trichlorotrifluoroethane
Concen: 18.016 ug/l
RT: 4.400 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion:101 Resp: 43880
Ion Ratio Lower Upper
101 100
85 43.2 0.0 40.6
151 71.6 0.0 141.2

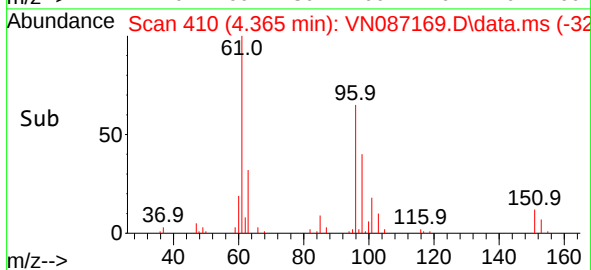
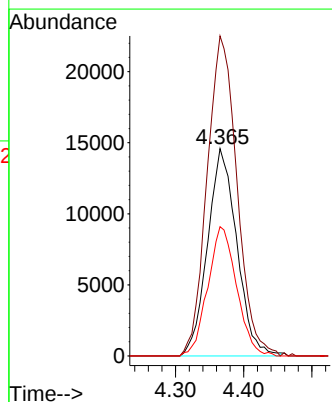
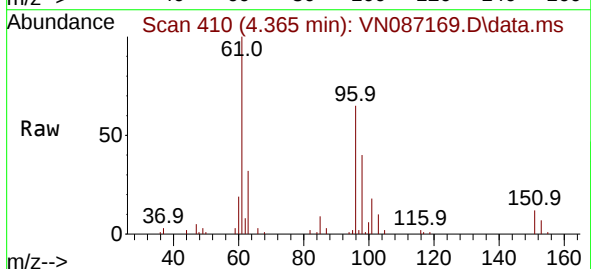
Manual Integrations
APPROVED

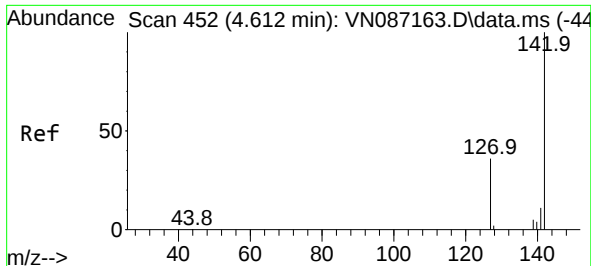
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#10
1,1-Dichloroethene
Concen: 17.945 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

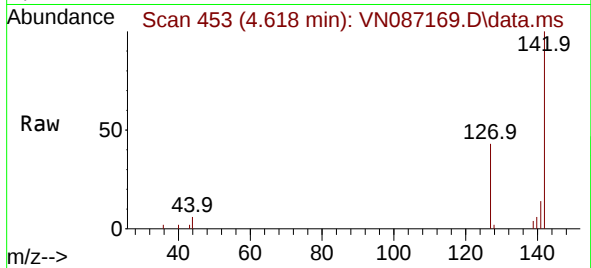
Tgt Ion: 96 Resp: 43568
Ion Ratio Lower Upper
96 100
61 154.3 122.0 183.0
98 62.4 50.3 75.5





#11
Methyl Iodide
Concen: 16.165 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

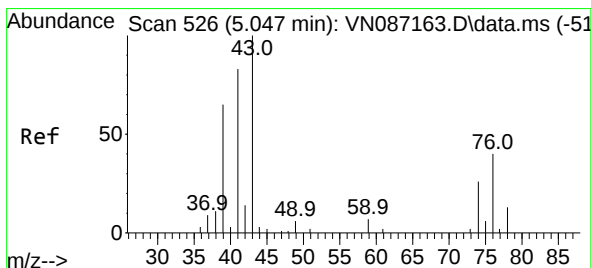
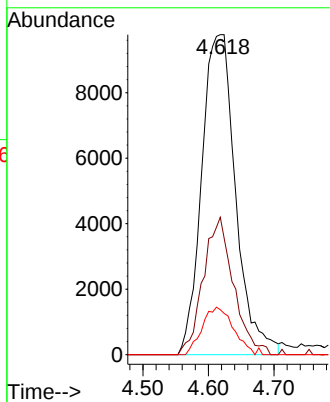
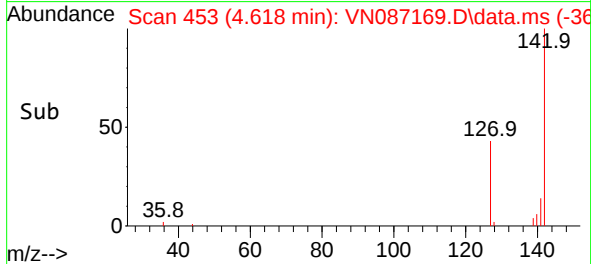
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion:142 Resp: 3516
Ion Ratio Lower Upper
142 100
127 43.7 18.1 54.1
141 14.3 5.7 17.1

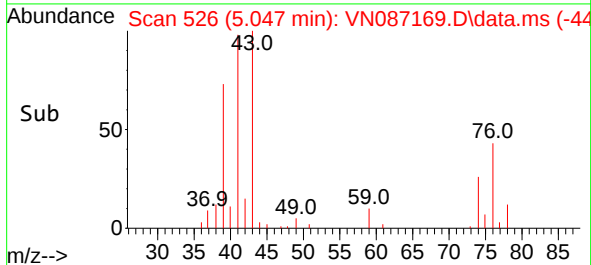
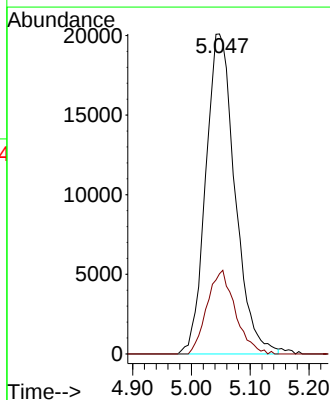
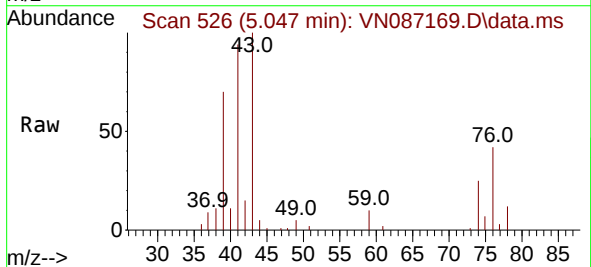
Manual Integrations
APPROVED

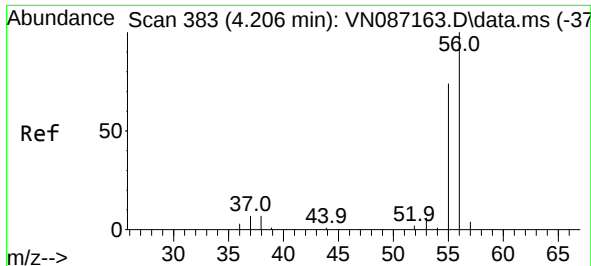
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#12
Methyl Acetate
Concen: 18.227 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion: 43 Resp: 69413
Ion Ratio Lower Upper
43 100
74 25.2 20.3 30.5





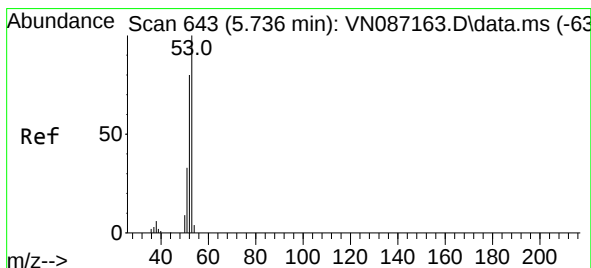
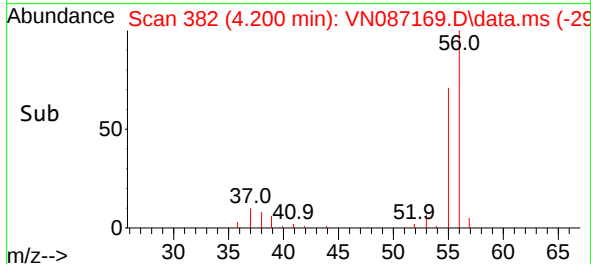
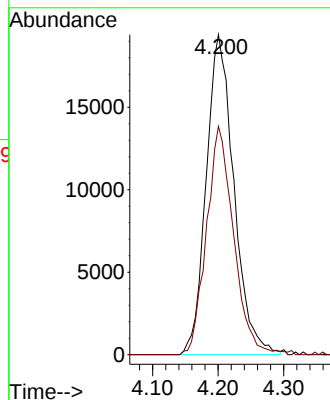
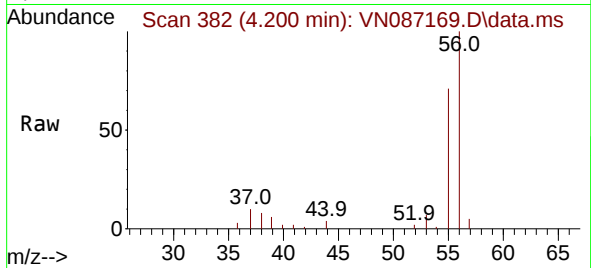
#13
Acrolein
Concen: 97.212 ug/l
RT: 4.200 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion: 56 Resp: 5688
Ion Ratio Lower Upper
56 100
55 69.5 55.7 83.5

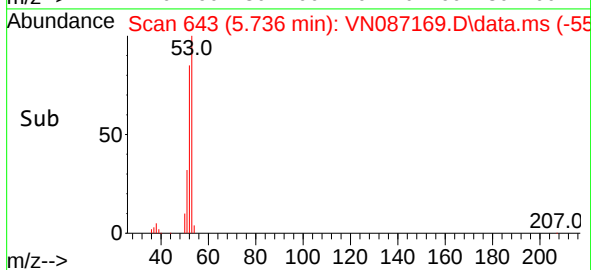
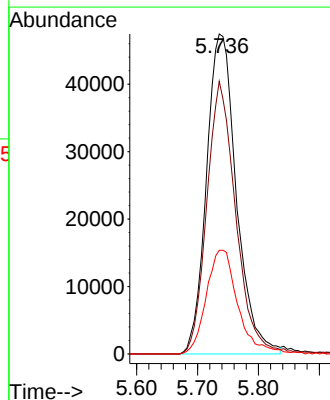
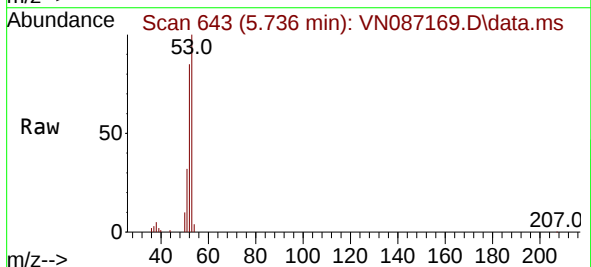
Manual Integrations
APPROVED

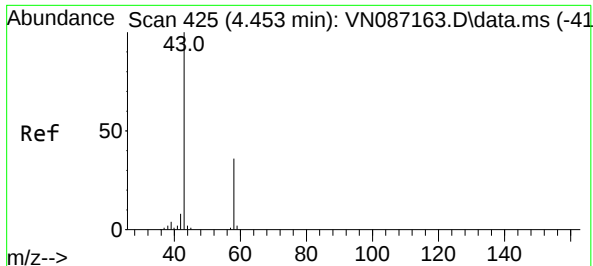
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#14
Acrylonitrile
Concen: 91.304 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion: 53 Resp: 162189
Ion Ratio Lower Upper
53 100
52 82.2 40.5 121.5
51 32.8 16.9 50.7





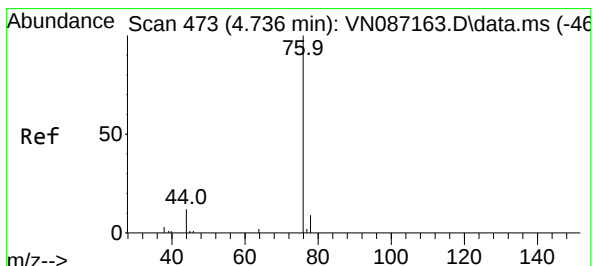
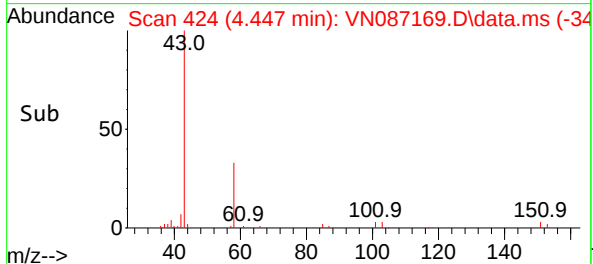
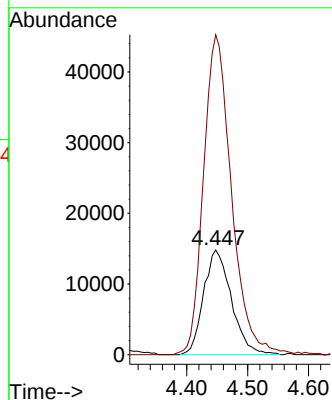
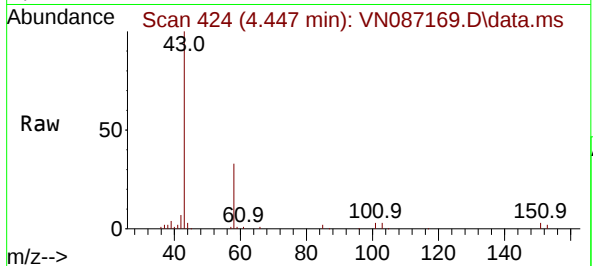
#15
Acetone
Concen: 90.854 ug/l
RT: 4.447 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion: 58 Resp: 4707
Ion Ratio Lower Upper
58 100
43 303.3 224.3 336.5

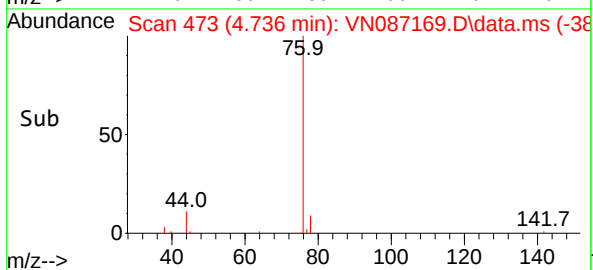
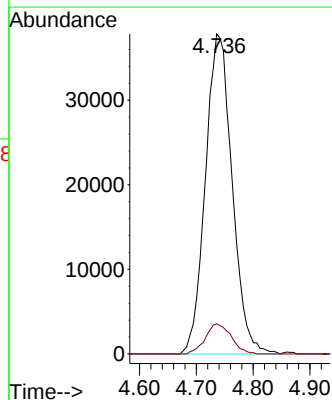
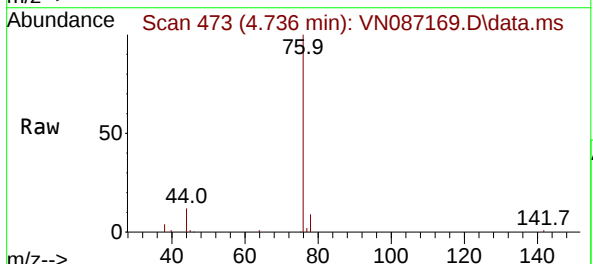
Manual Integrations
APPROVED

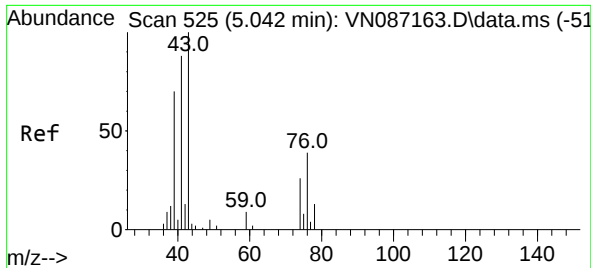
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#16
Carbon Disulfide
Concen: 17.398 ug/l
RT: 4.736 min Scan# 473
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion: 76 Resp: 123503
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8





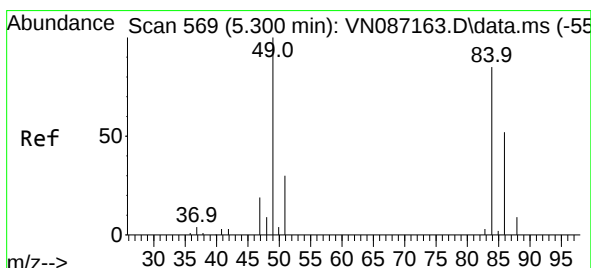
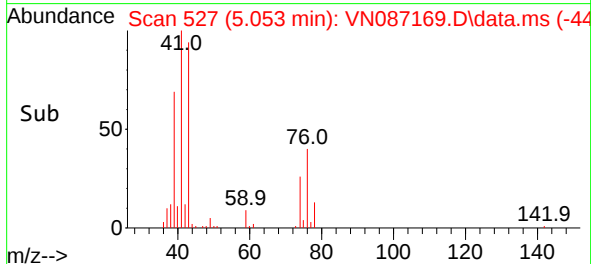
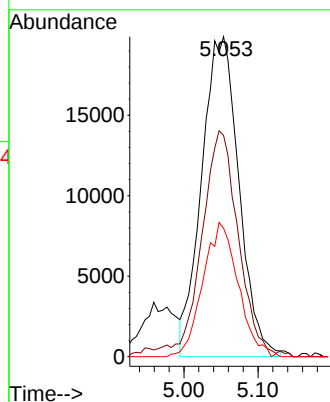
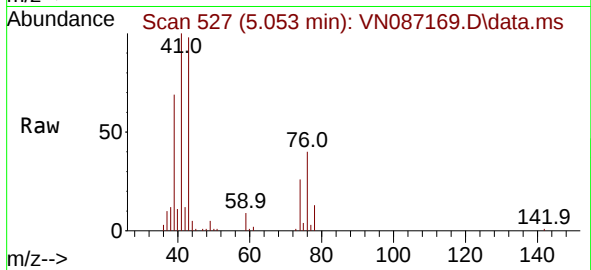
#17
 Allyl chloride
 Concen: 17.338 ug/l
 RT: 5.053 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN087169.D
 Acq: 25 Jun 2025 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tgt Ion: 41 Resp: 6943
 Ion Ratio Lower Upper
 41 100
 39 68.7 36.0 108.0
 76 40.9 19.5 58.5

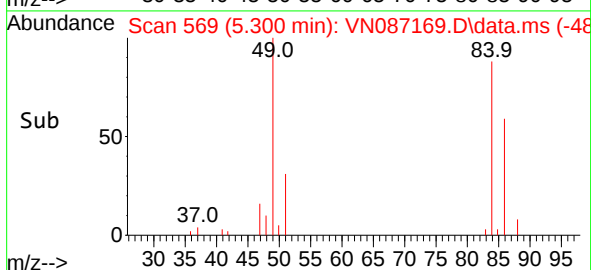
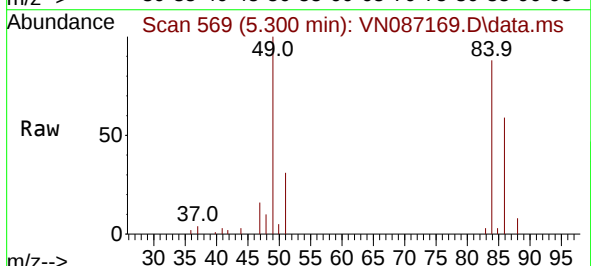
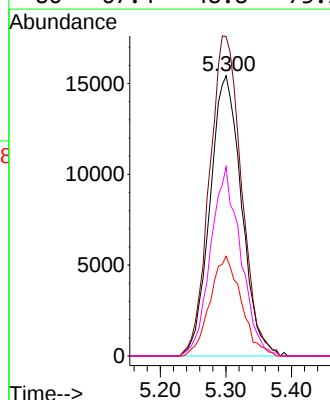
Manual Integrations
 APPROVED

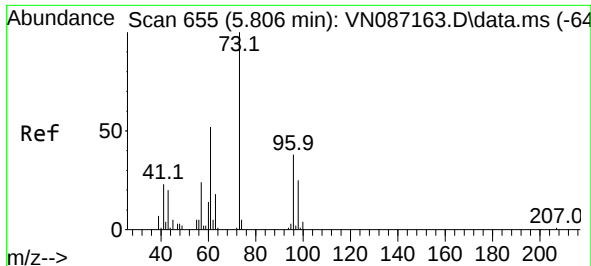
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025



#18
 Methylene Chloride
 Concen: 18.325 ug/l
 RT: 5.300 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: VN087169.D
 Acq: 25 Jun 2025 11:41

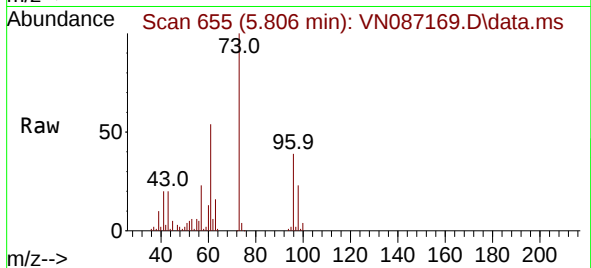
Tgt Ion: 84 Resp: 51541
 Ion Ratio Lower Upper
 84 100
 49 114.1 94.0 141.0
 51 35.6 28.3 42.5
 86 67.4 48.8 73.2





#19
trans-1,2-Dichloroethene
Concen: 17.747 ug/l
RT: 5.806 min Scan# 655
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

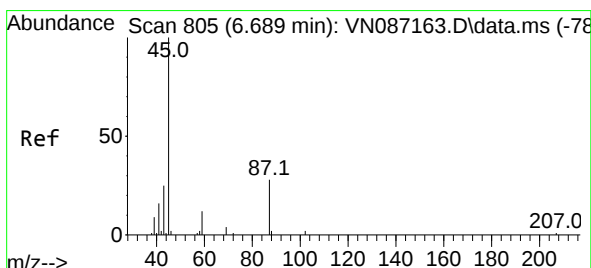
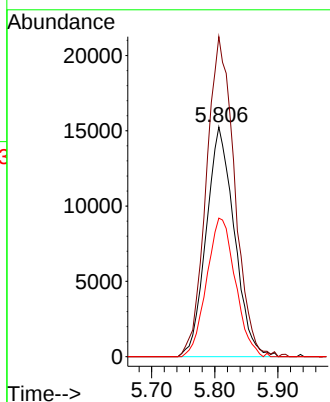
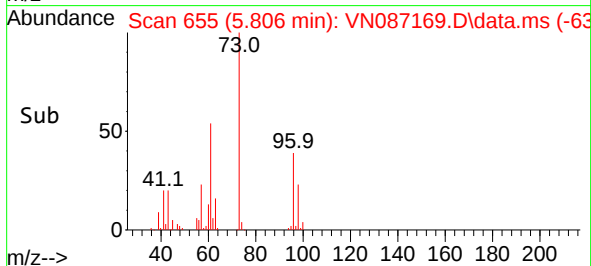
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion: 96 Resp: 47120
Ion Ratio Lower Upper
96 100
61 139.3 110.3 165.5
98 60.3 51.6 77.4

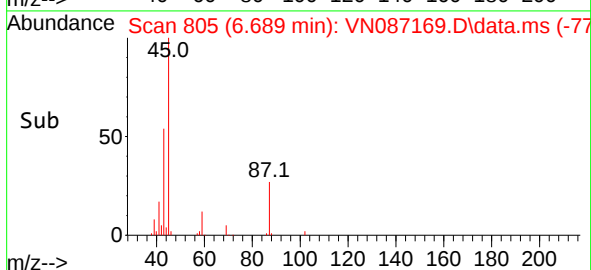
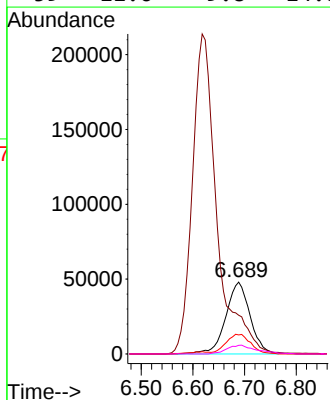
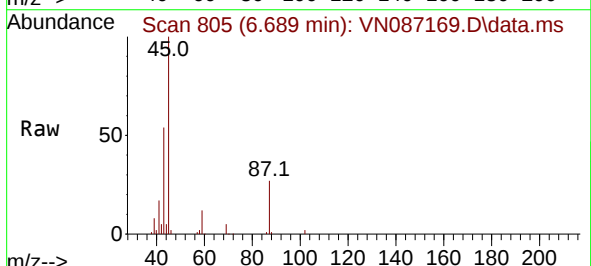
Manual Integrations
APPROVED

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



#20
Diisopropyl ether
Concen: 18.421 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion: 45 Resp: 156504
Ion Ratio Lower Upper
45 100
43 51.7 45.3 67.9
87 26.6 22.6 33.8
59 11.6 9.8 14.8





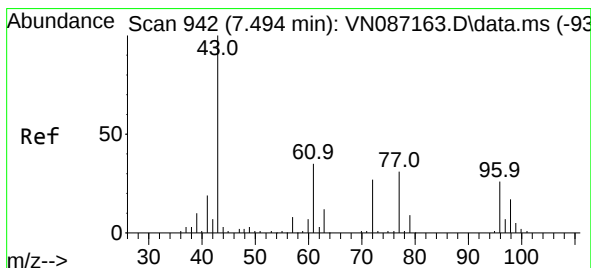
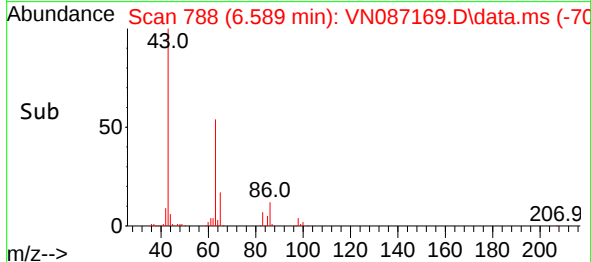
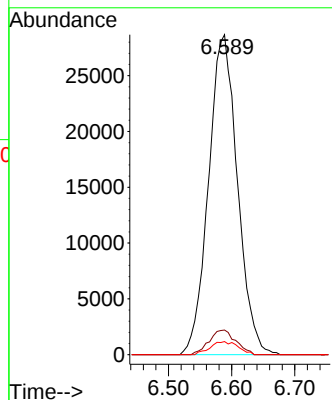
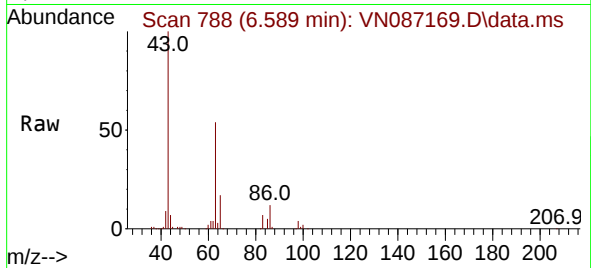
#21
1,1-Dichloroethane
Concen: 17.962 ug/l
RT: 6.589 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion: 63 Resp: 9120
Ion Ratio Lower Upper
63 100
98 7.7 3.5 10.4
100 4.1 2.0 5.8

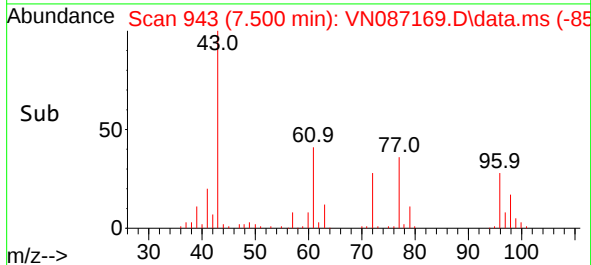
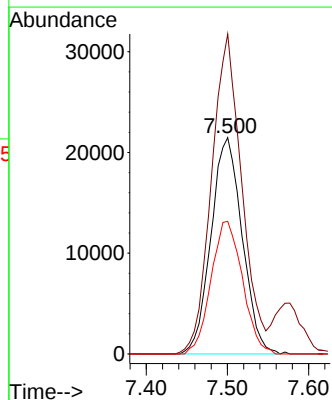
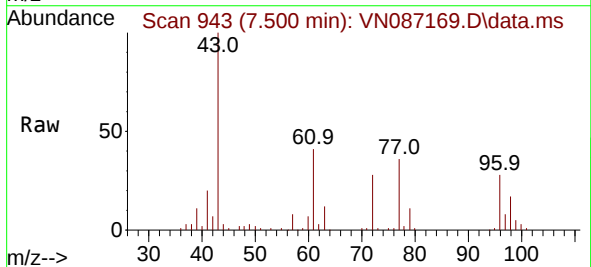
Manual Integrations
APPROVED

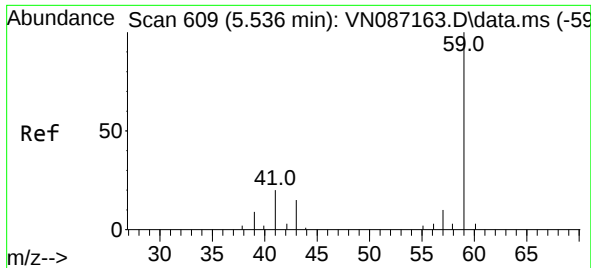
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#22
cis-1,2-Dichloroethene
Concen: 18.526 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

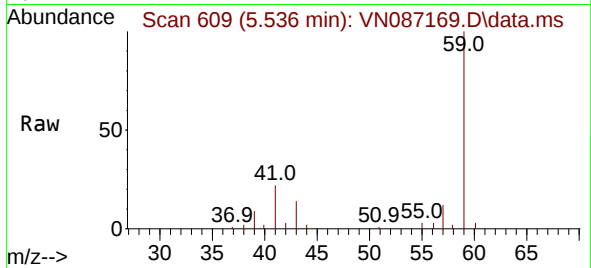
Tgt Ion: 96 Resp: 57247
Ion Ratio Lower Upper
96 100
61 143.4 119.2 178.8
98 62.0 50.6 75.8





#23
tert-Butyl Alcohol
Concen: 95.086 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

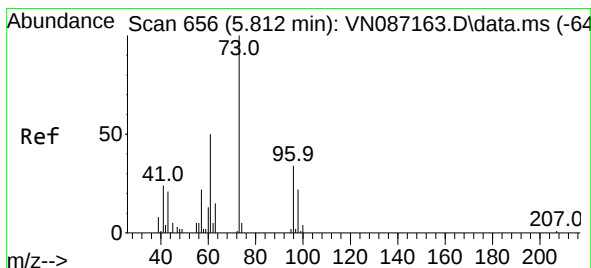
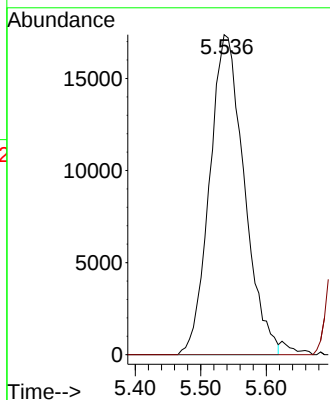
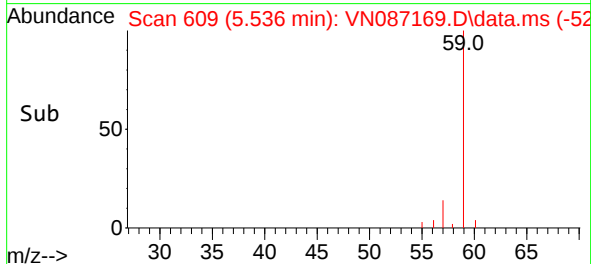
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



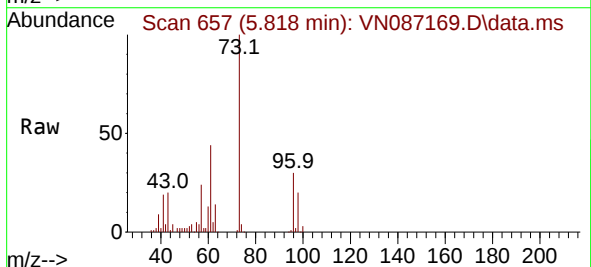
Tgt Ion: 59 Resp: 6352
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

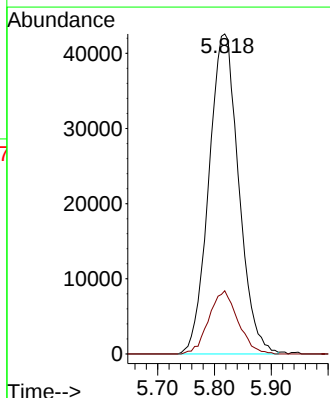
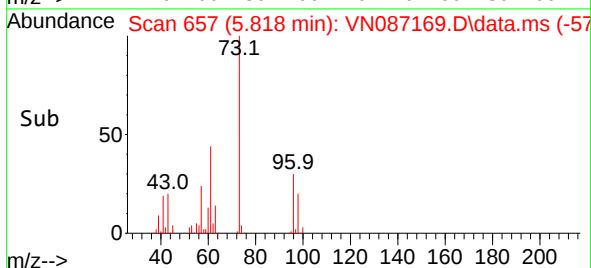
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

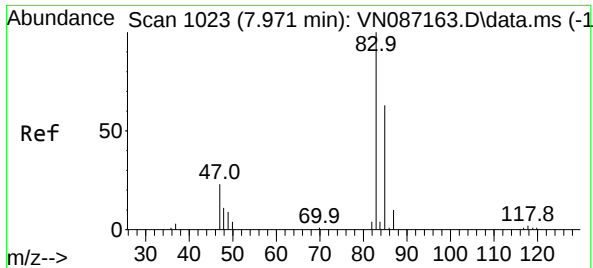


#24
Methyl tert-Butyl Ether
Concen: 18.288 ug/l
RT: 5.818 min Scan# 657
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41



Tgt Ion: 73 Resp: 155727
Ion Ratio Lower Upper
73 100
43 19.2 16.4 24.6





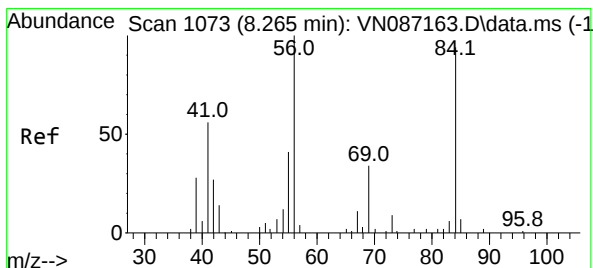
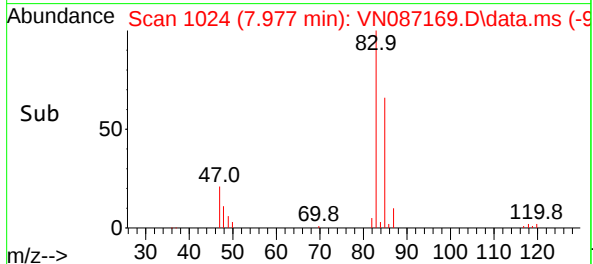
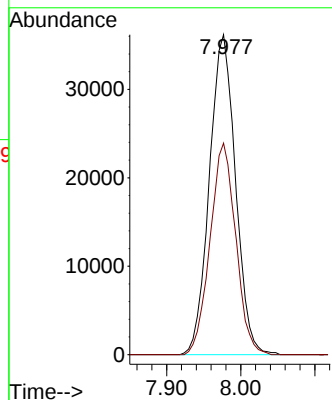
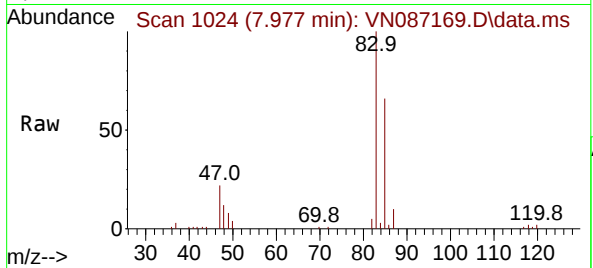
#25
Chloroform
Concen: 18.217 ug/l
RT: 7.977 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion: 83 Resp: 8862
Ion Ratio Lower Upper
83 100
85 66.1 50.7 76.1

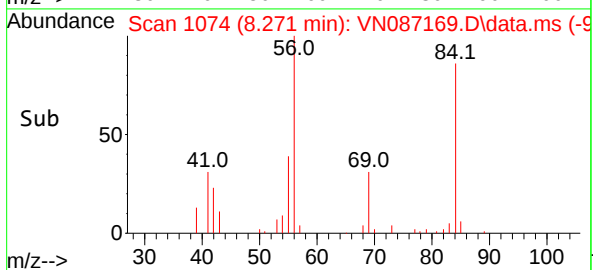
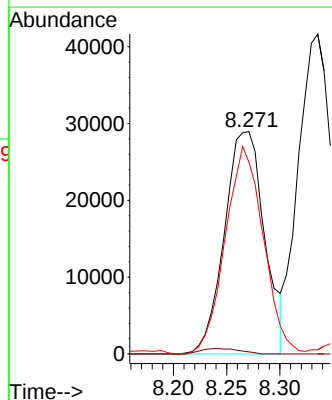
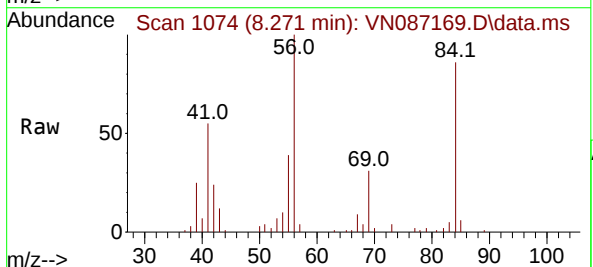
Manual Integrations
APPROVED

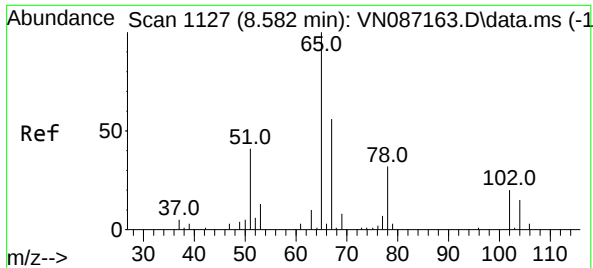
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#26
Cyclohexane
Concen: 17.956 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion: 56 Resp: 75788
Ion Ratio Lower Upper
56 100
89 2.4 6.9 10.3#
84 88.7 69.1 103.7





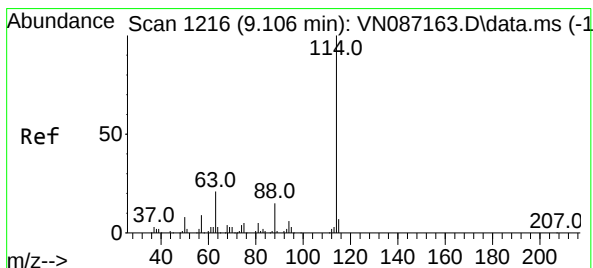
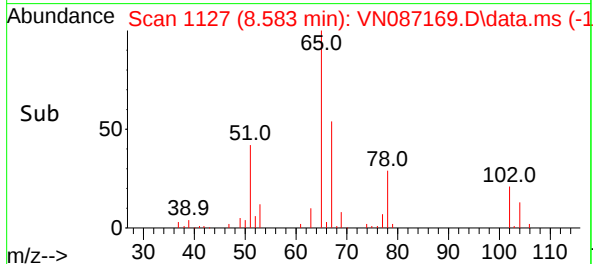
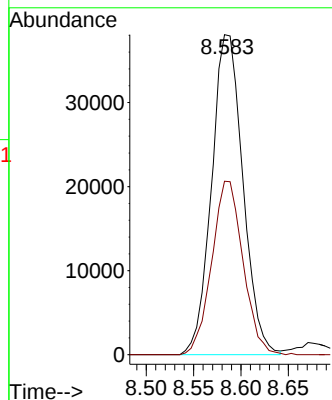
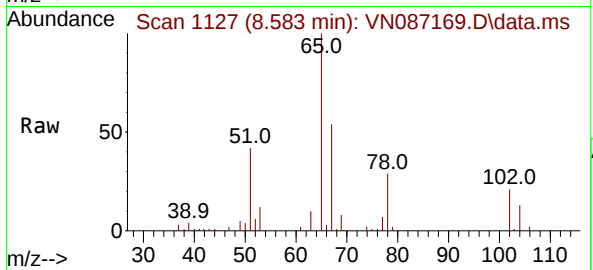
#27
1,2-Dichloroethane-d4
Concen: 28.999 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion: 65 Resp: 8757
Ion Ratio Lower Upper
65 100
67 54.0 41.9 62.9

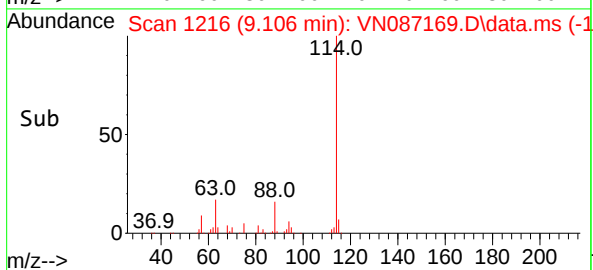
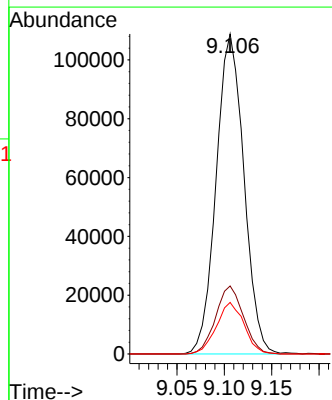
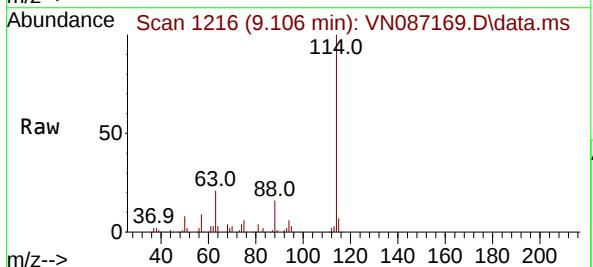
Manual Integrations
APPROVED

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



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion:114 Resp: 221679
Ion Ratio Lower Upper
114 100
63 21.3 17.0 25.4
88 16.0 12.6 19.0





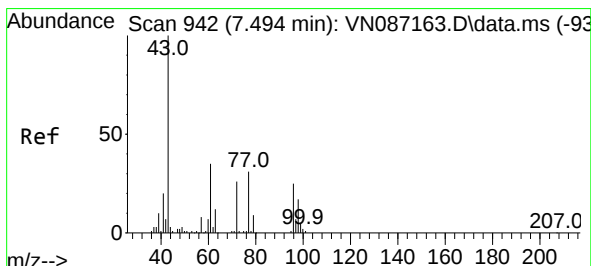
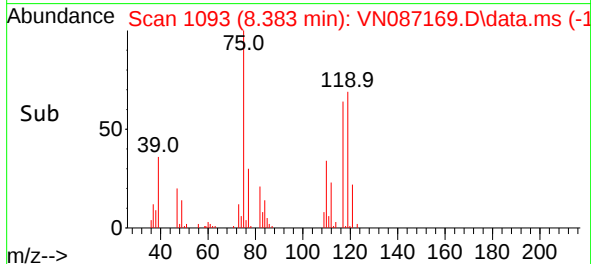
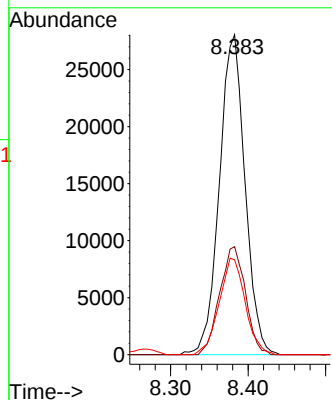
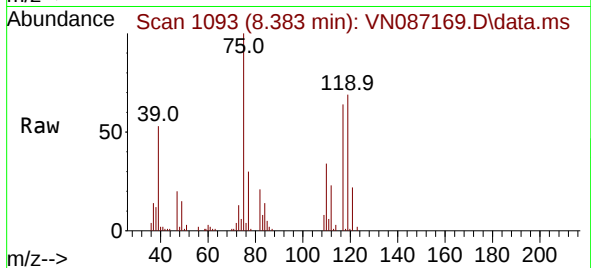
#29
1,1-Dichloropropene
Concen: 18.682 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion: 75 Resp: 64548
Ion Ratio Lower Upper
75 100
110 33.9 0.0 69.2
77 30.6 0.0 61.8

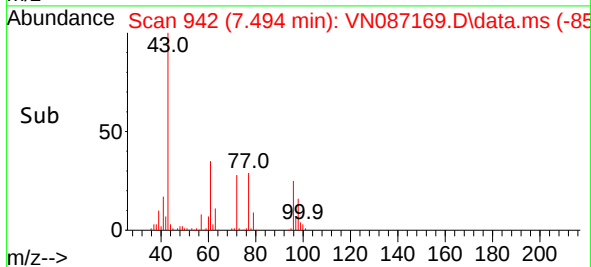
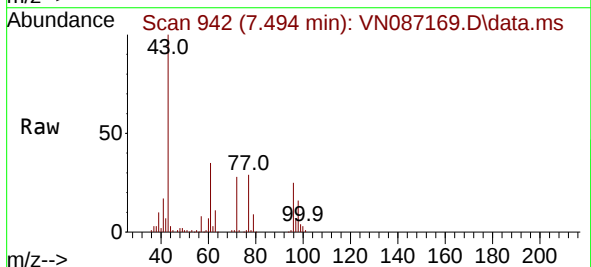
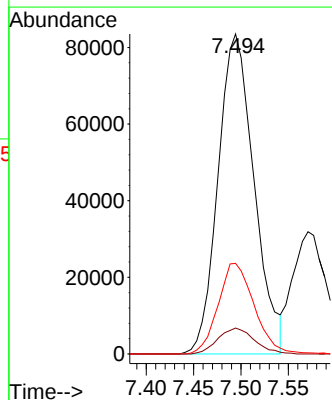
Manual Integrations
APPROVED

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



#30
2-Butanone
Concen: 94.912 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

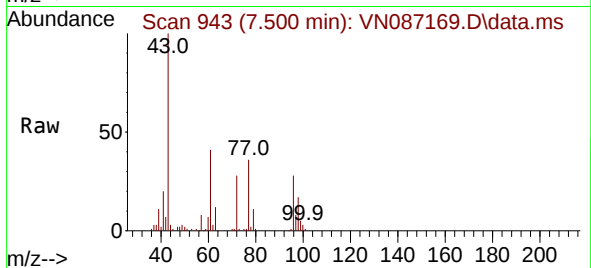
Tgt Ion: 43 Resp: 221213
Ion Ratio Lower Upper
43 100
57 8.2 6.3 9.5
72 28.4 21.8 32.6





#31
2,2-Dichloropropane
Concen: 18.792 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

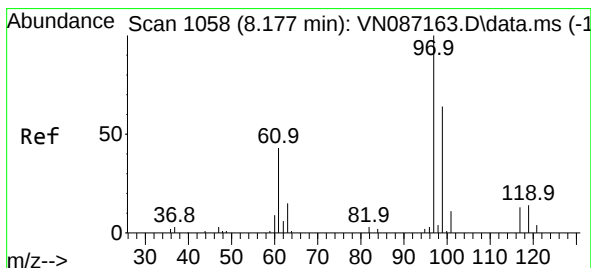
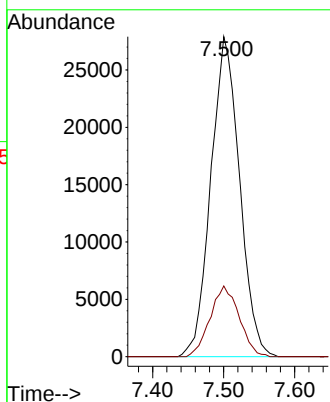
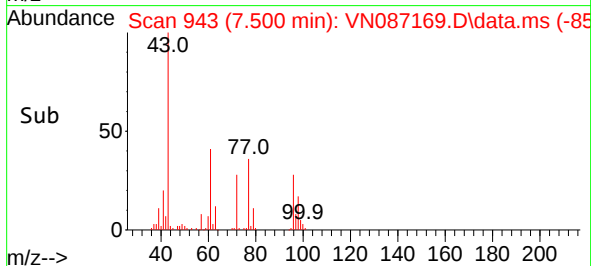
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



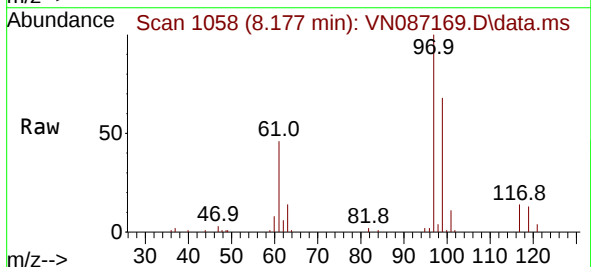
Tgt Ion: 77 Resp: 78370
Ion Ratio Lower Upper
77 100
97 22.3 18.4 27.6

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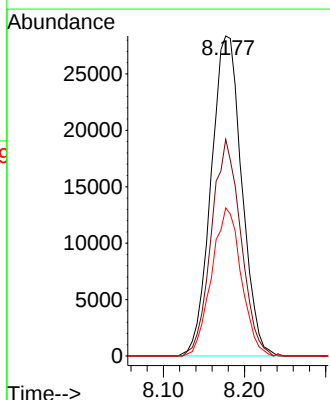
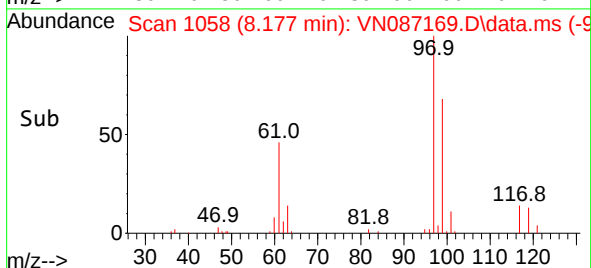
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#32
1,1,1-Trichloroethane
Concen: 18.446 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41



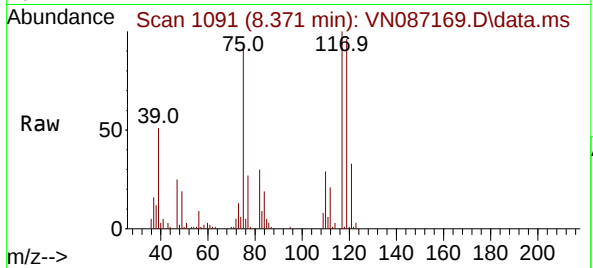
Tgt Ion: 97 Resp: 74460
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 44.7 36.1 54.1





#33
Carbon Tetrachloride
Concen: 18.202 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

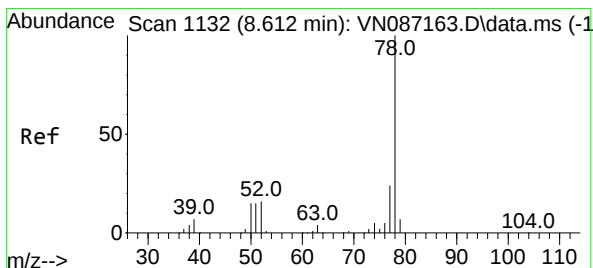
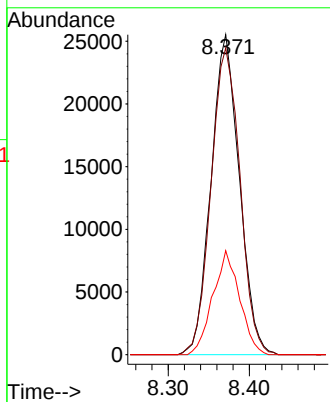
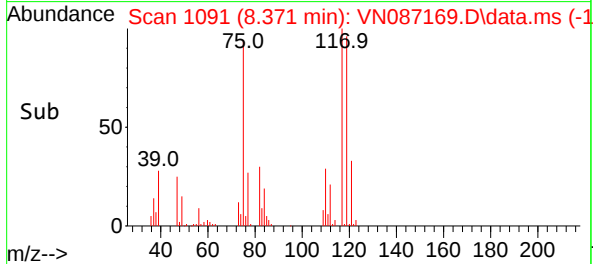
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



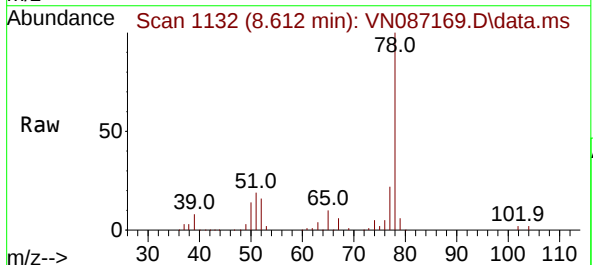
Tgt Ion: 117 Resp: 6183
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.6
121 32.5 26.2 39.4

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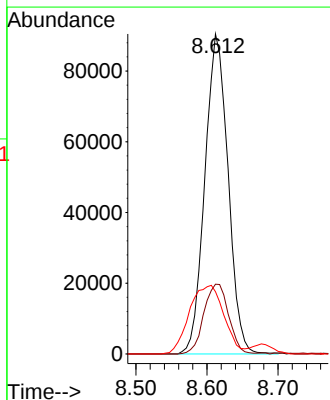
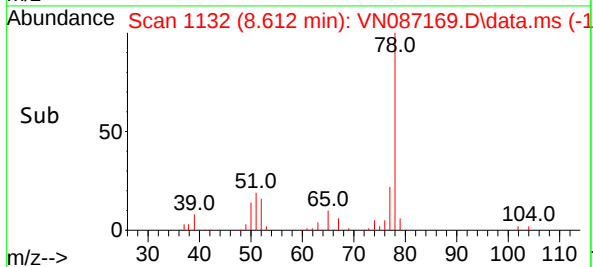
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#34
Benzene
Concen: 18.771 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41



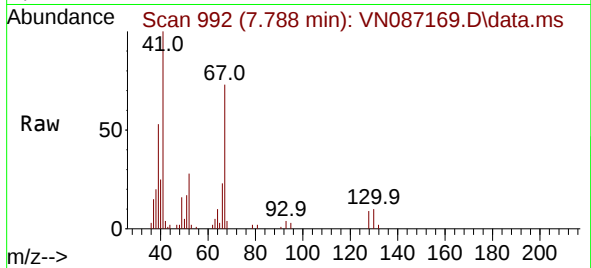
Tgt Ion: 78 Resp: 205474
Ion Ratio Lower Upper
78 100
77 21.8 19.5 29.3
51 18.7 14.8 22.2





#35
Methacrylonitrile
Concen: 19.588 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

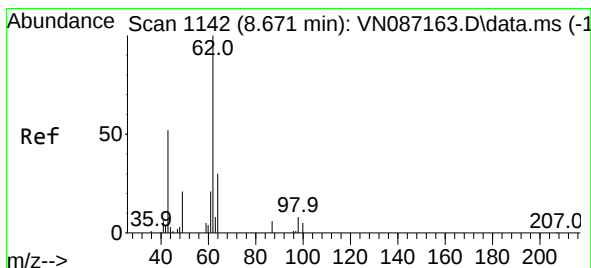
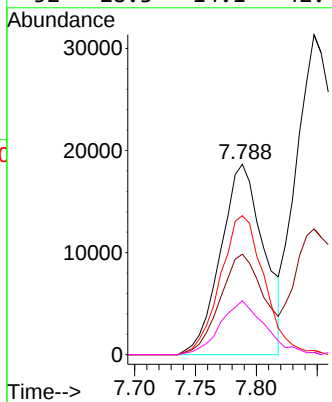
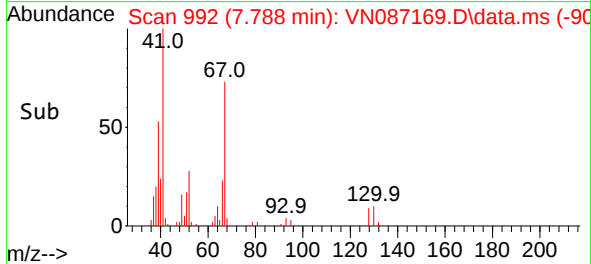
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion:	41	Resp:	4601
Ion Ratio	100	Lower	Upper
41	100		
39	52.7	24.4	73.2
67	73.0	33.3	99.8
52	28.3	14.1	42.4

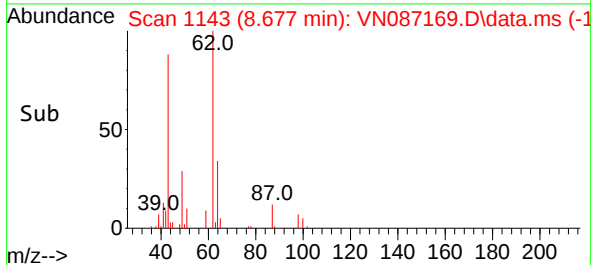
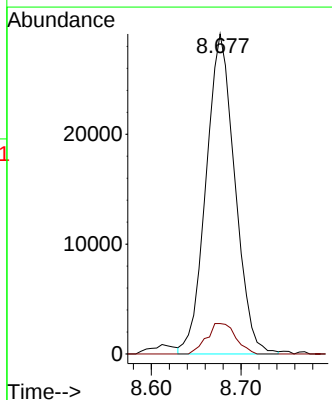
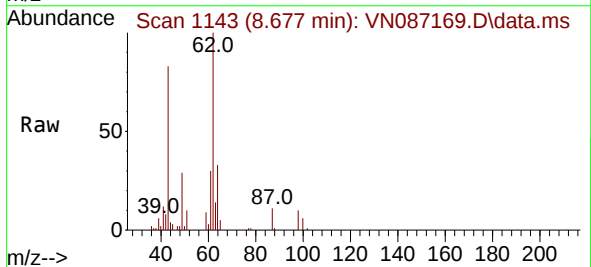
Manual Integrations
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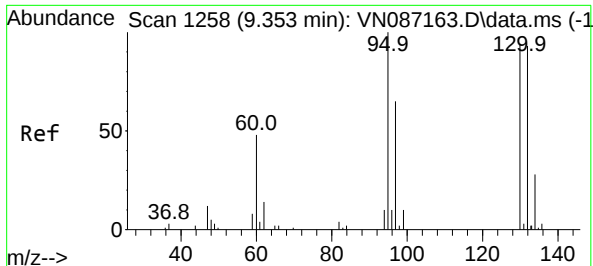
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#36
1,2-Dichloroethane
Concen: 18.385 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion:	62	Resp:	65022
Ion Ratio	100	Lower	Upper
62	100		
98	9.6	7.2	10.8





#37

Trichloroethene

Concen: 18.214 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.006 min

Lab File: VN087169.D

Acq: 25 Jun 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

Tgt Ion:130 Resp: 4598

Ion Ratio Lower Upper

130 100

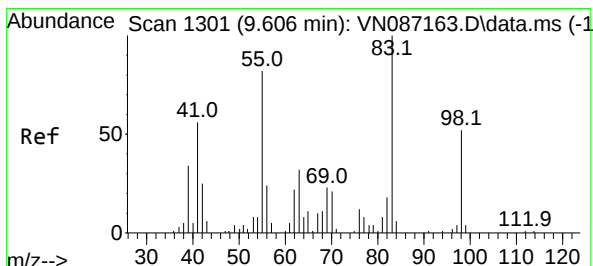
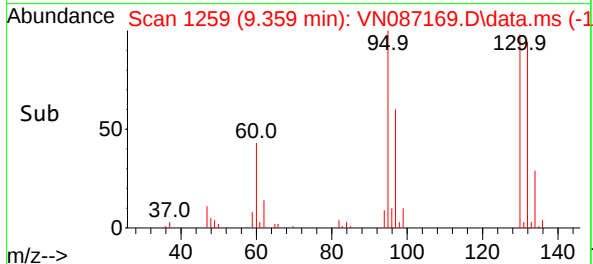
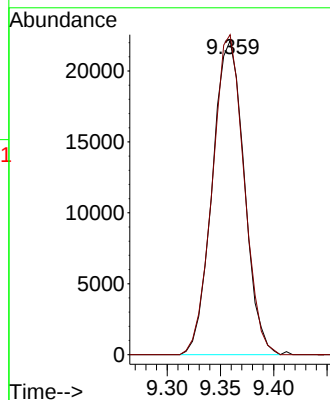
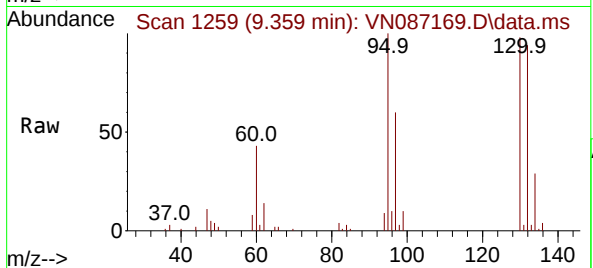
95 101.9 85.3 127.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#38

Methylcyclohexane

Concen: 17.457 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.000 min

Lab File: VN087169.D

Acq: 25 Jun 2025 11:41

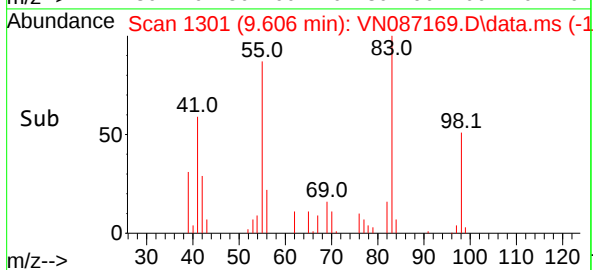
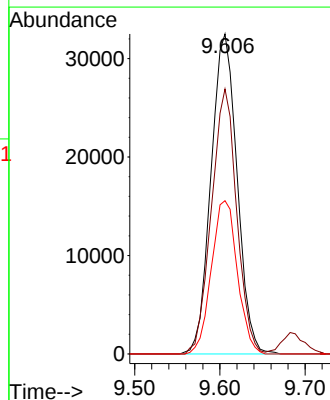
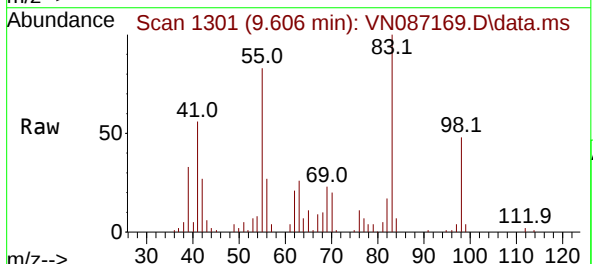
Tgt Ion: 83 Resp: 69209

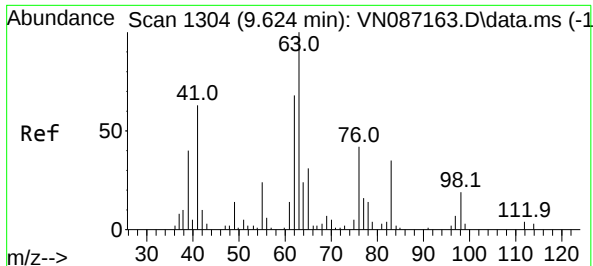
Ion Ratio Lower Upper

83 100

55 80.1 40.1 120.2

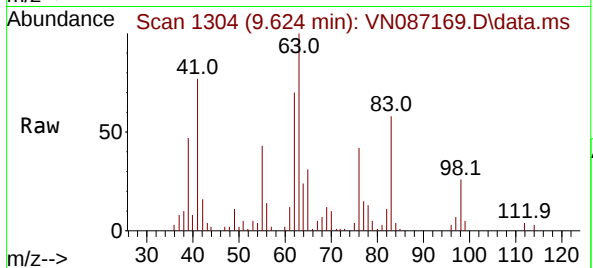
98 47.7 24.4 73.2





#39
1,2-Dichloropropane
Concen: 17.781 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

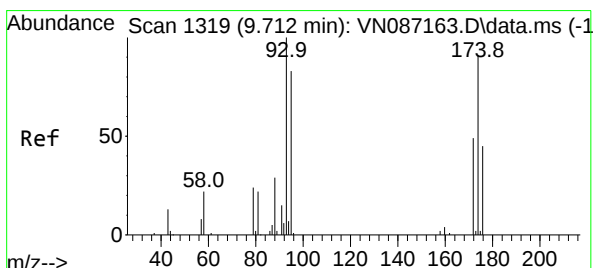
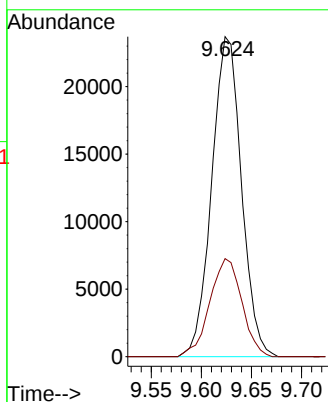
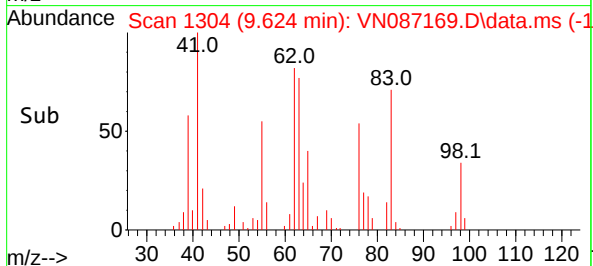
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion: 63 Resp: 4885
Ion Ratio Lower Upper
63 100
65 30.7 24.6 36.8

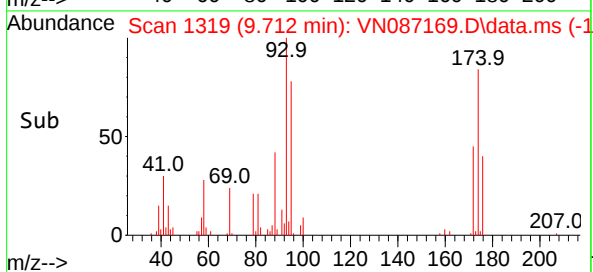
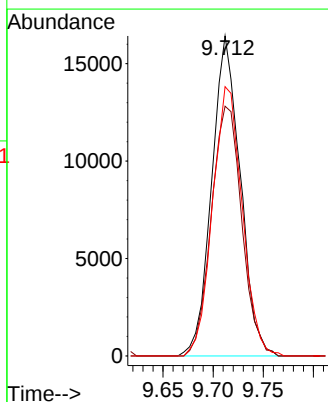
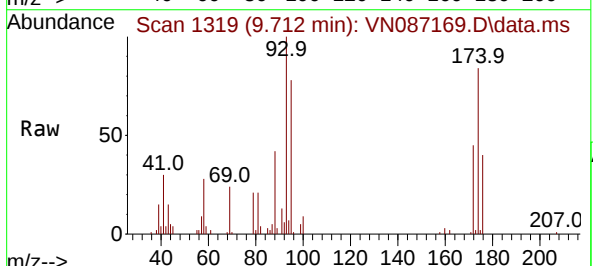
Manual Integrations
APPROVED

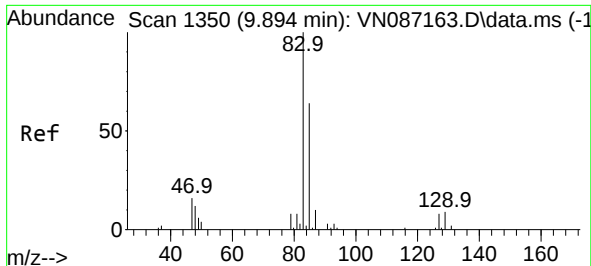
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#40
Dibromomethane
Concen: 17.348 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion: 93 Resp: 32408
Ion Ratio Lower Upper
93 100
95 83.4 0.0 170.8
174 87.4 0.0 176.6





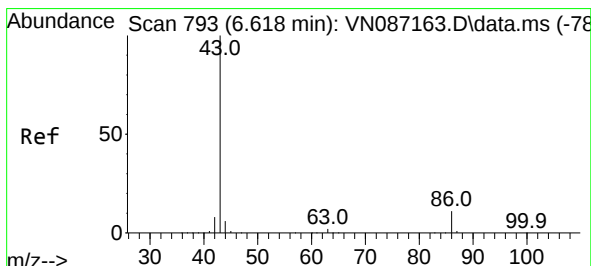
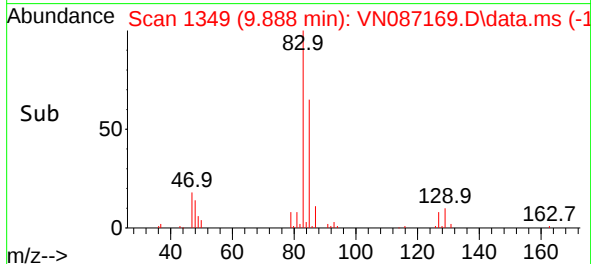
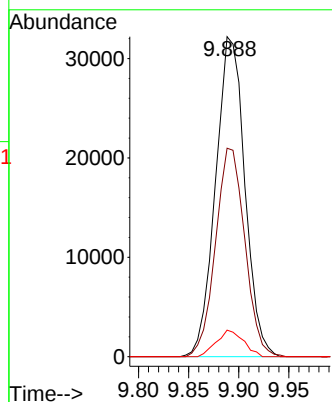
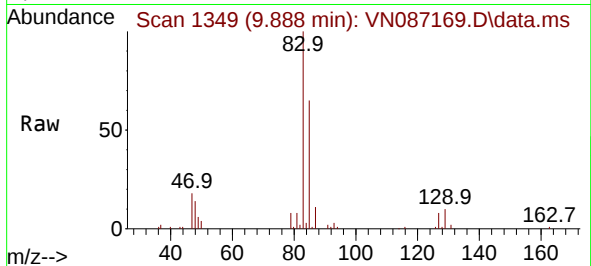
#41
Bromodichloromethane
Concen: 17.318 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion: 83 Resp: 6530
Ion Ratio Lower Upper
83 100
85 65.2 51.4 77.2
127 8.3 6.1 9.1

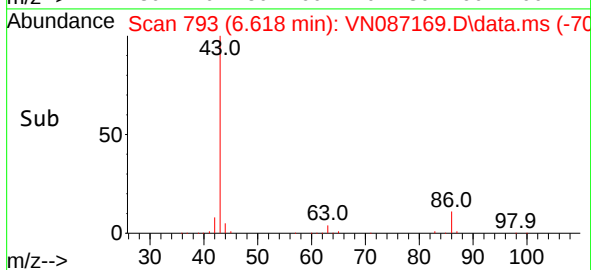
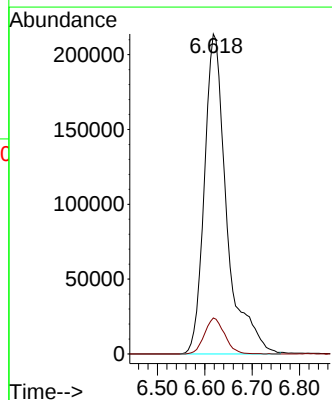
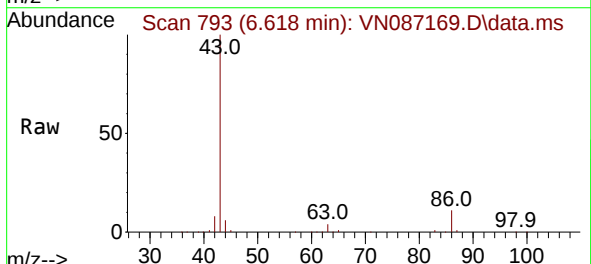
Manual Integrations
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Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#42
Vinyl Acetate
Concen: 92.688 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

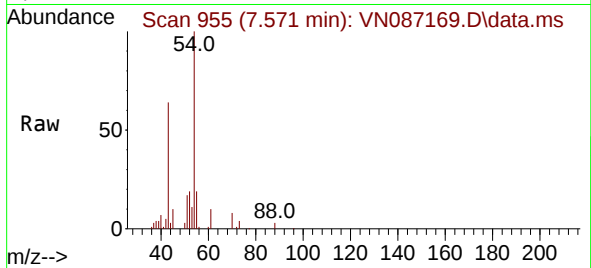
Tgt Ion: 43 Resp: 702638
Ion Ratio Lower Upper
43 100
86 10.1 7.7 11.5





#43
Ethyl Acetate
Concen: 19.813 ug/l
RT: 7.571 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

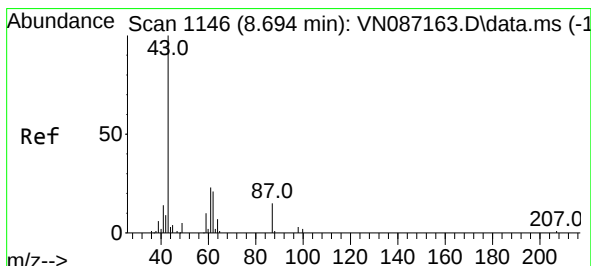
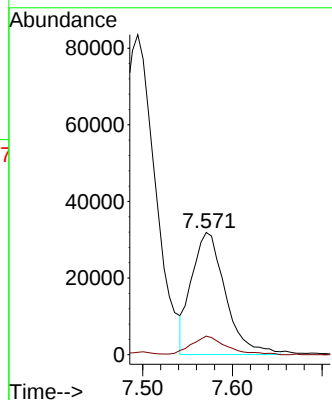
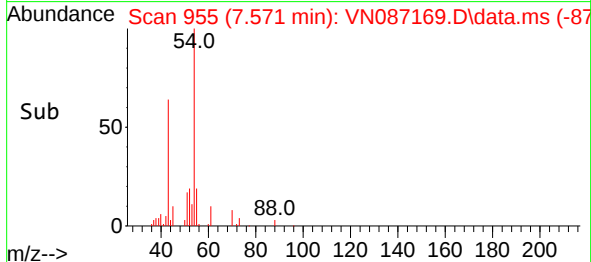
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



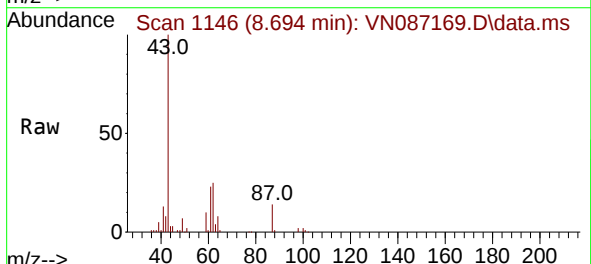
Tgt Ion: 43 Resp: 8336
Ion Ratio Lower Upper
43 100
45 14.3 11.5 17.3

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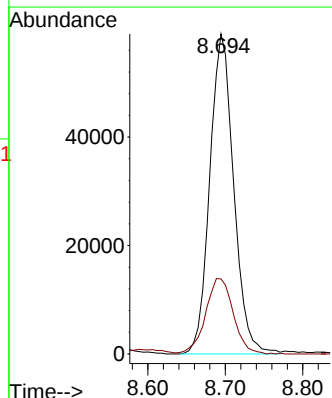
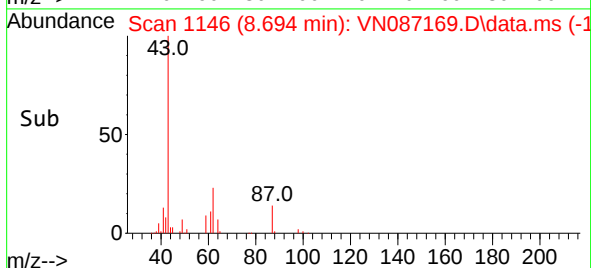
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

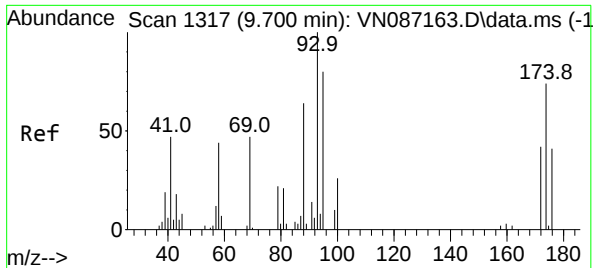


#44
Isopropyl Acetate
Concen: 18.467 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41



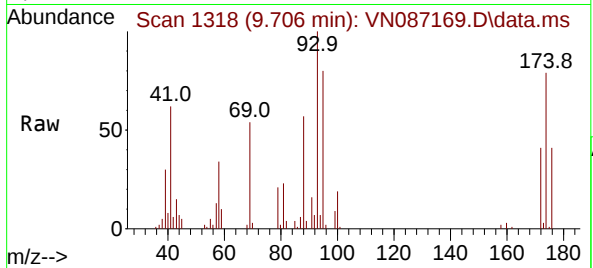
Tgt Ion: 43 Resp: 126593
Ion Ratio Lower Upper
43 100
61 27.2 20.5 30.7





#45
1,4-Dioxane
Concen: 402.635 ug/l
RT: 9.706 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

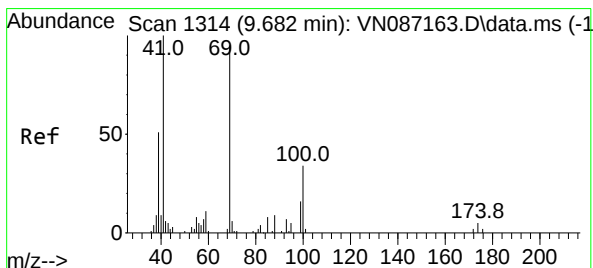
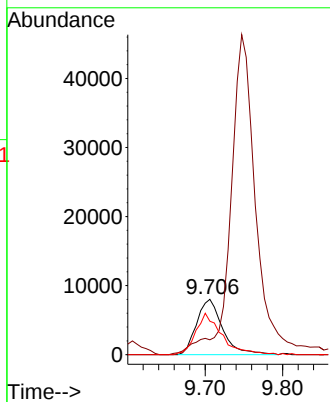
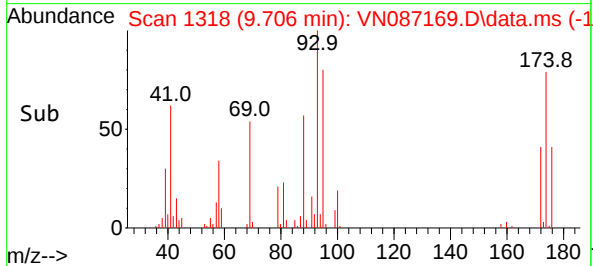
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion: 88 Resp: 1867
Ion Ratio Lower Upper
88 100
43 22.9 21.3 31.9
58 74.6 61.7 92.5

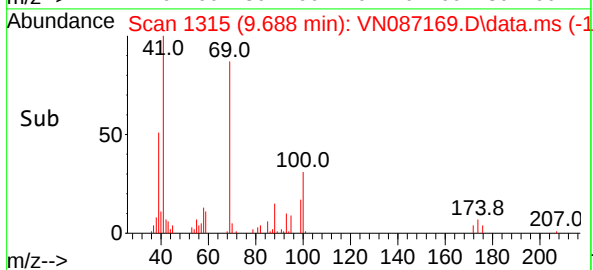
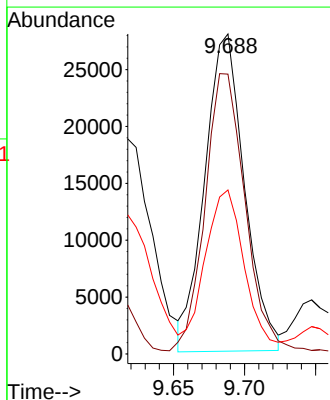
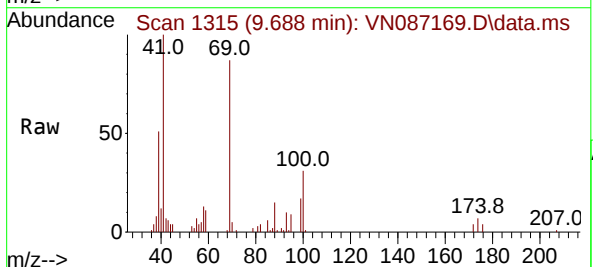
Manual Integrations
APPROVED

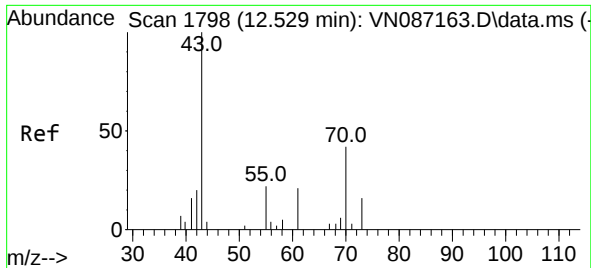
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#46
Methyl methacrylate
Concen: 17.048 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

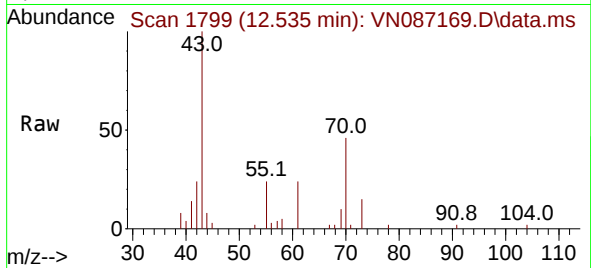
Tgt Ion: 41 Resp: 54327
Ion Ratio Lower Upper
41 100
69 89.0 45.6 136.9
39 50.5 26.2 78.5





#47
n-amy1 Acetate
Concen: 14.842 ug/l m
RT: 12.535 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

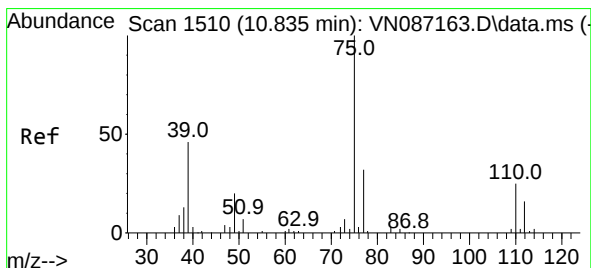
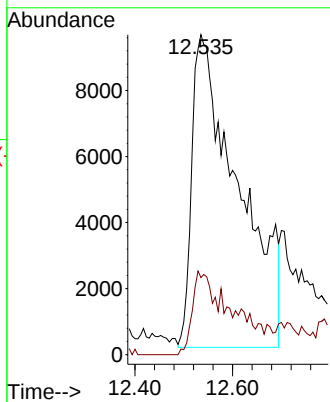
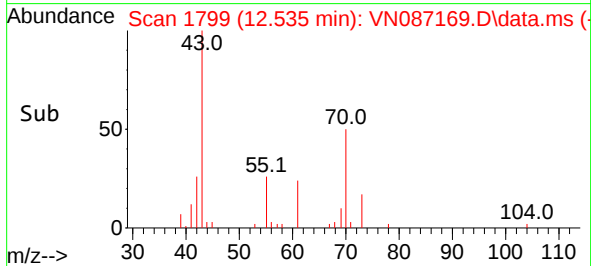
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion: 43 Resp: 6220
Ion Ratio Lower Upper
43 100
55 5.6 0.0 0.0

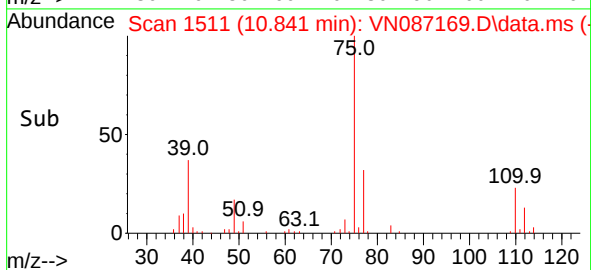
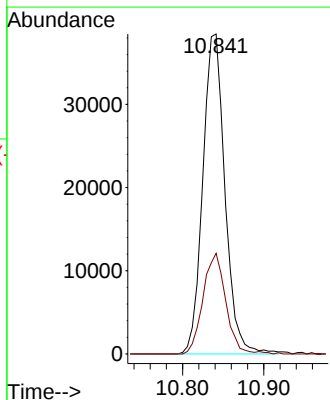
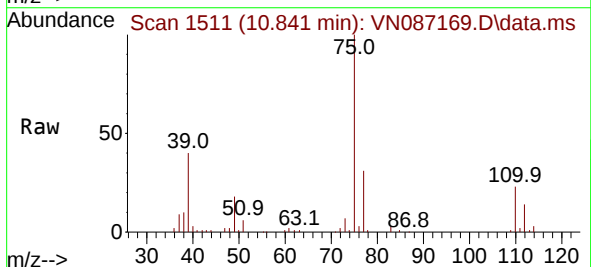
Manual Integrations
APPROVED

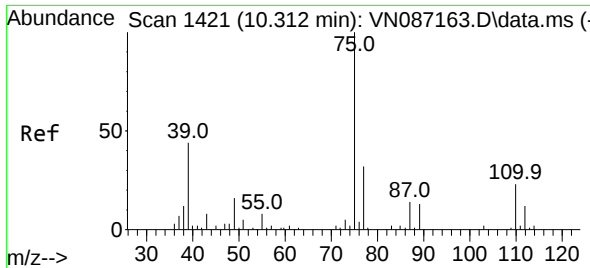
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#48
t-1,3-Dichloropropene
Concen: 17.365 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

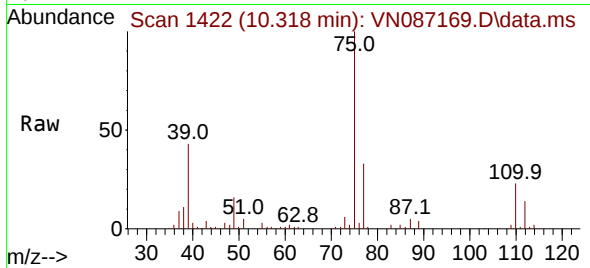
Tgt Ion: 75 Resp: 72995
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0





#49
 cis-1,3-Dichloropropene
 Concen: 17.354 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN087169.D
 Acq: 25 Jun 2025 11:41

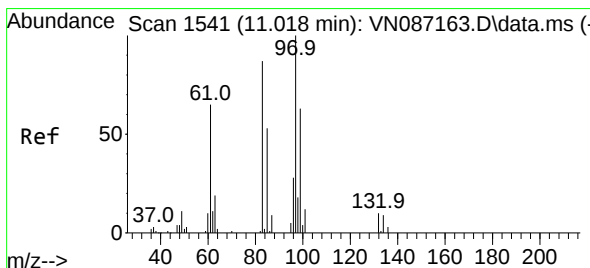
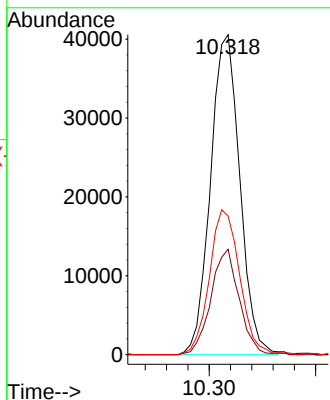
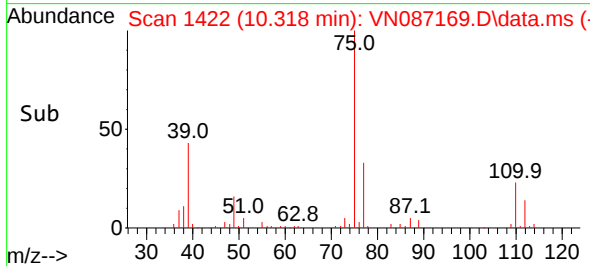
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01



Tgt Ion: 75 Resp: 7755
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.4 38.2
 39 43.3 35.3 52.9

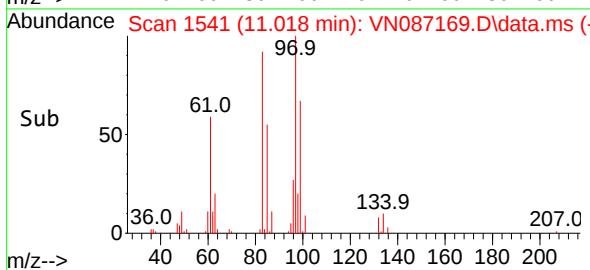
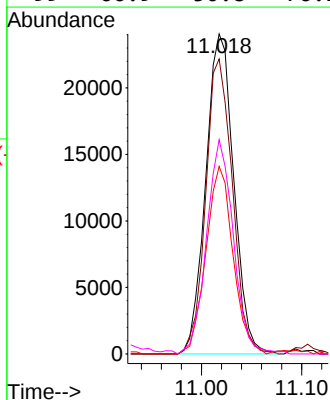
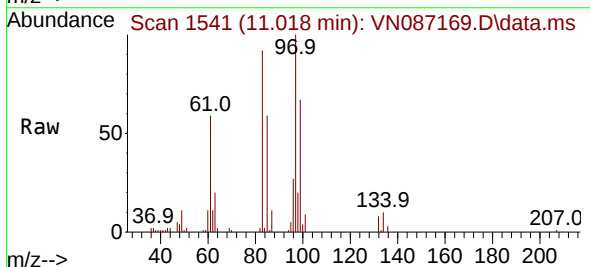
Manual Integrations
 APPROVED

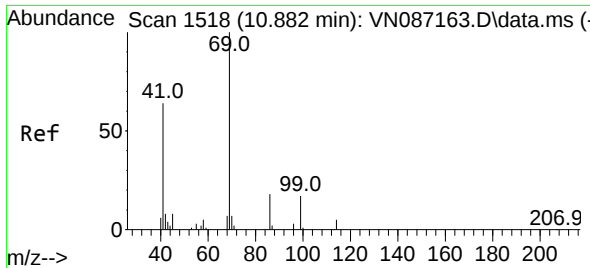
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025



#50
 1,1,2-Trichloroethane
 Concen: 17.590 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN087169.D
 Acq: 25 Jun 2025 11:41

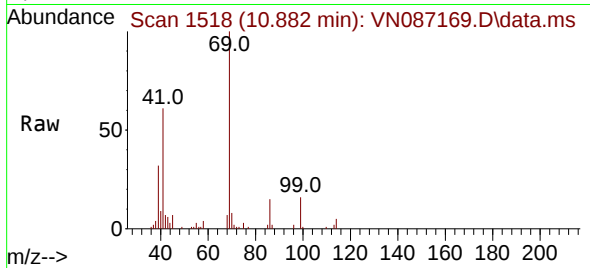
Tgt Ion: 97 Resp: 46680
 Ion Ratio Lower Upper
 97 100
 83 92.2 69.6 104.4
 85 58.6 42.0 63.0
 99 66.9 50.8 76.2





#51
Ethyl methacrylate
Concen: 17.176 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

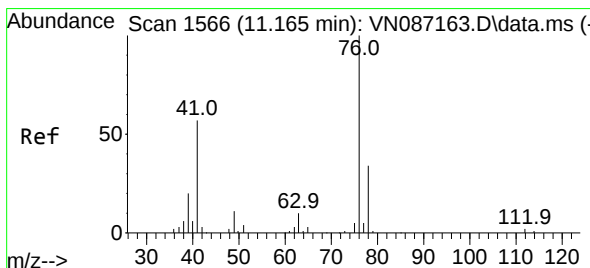
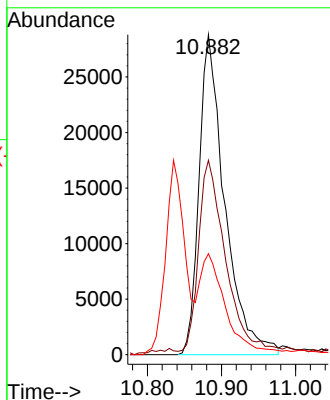
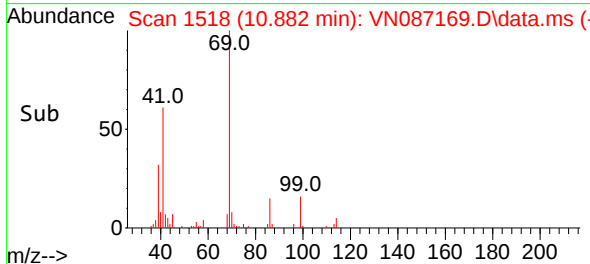
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion: 69 Resp: 69370
Ion Ratio Lower Upper
69 100
41 59.7 31.8 95.3
39 30.2 15.3 45.8

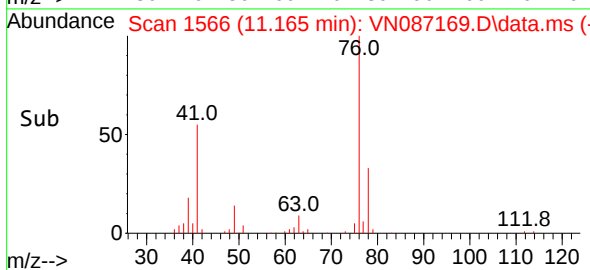
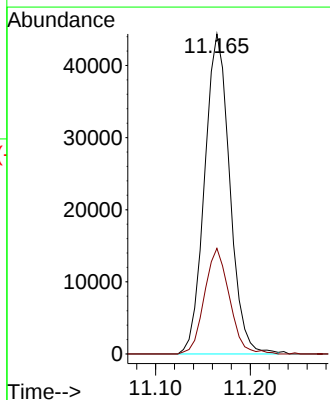
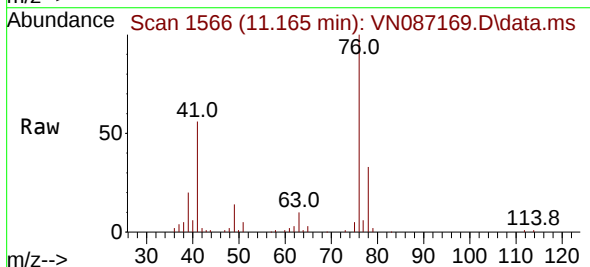
Manual Integrations
APPROVED

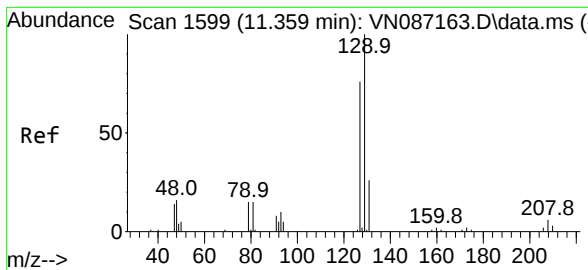
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#52
1,3-Dichloropropane
Concen: 17.964 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

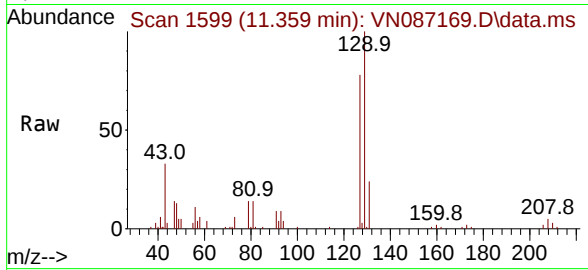
Tgt Ion: 76 Resp: 81841
Ion Ratio Lower Upper
76 100
78 32.7 0.0 63.0





#53
Dibromochloromethane
Concen: 17.439 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

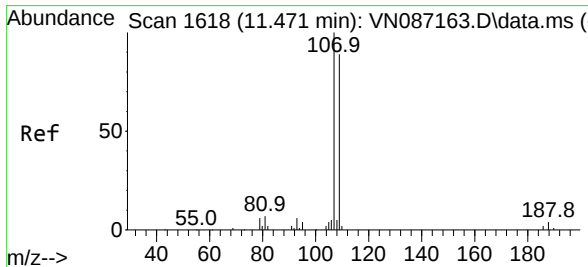
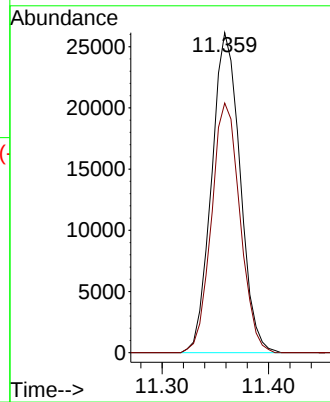
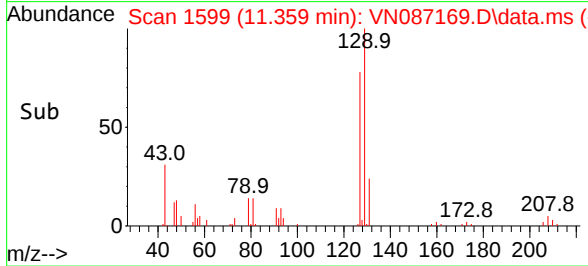
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



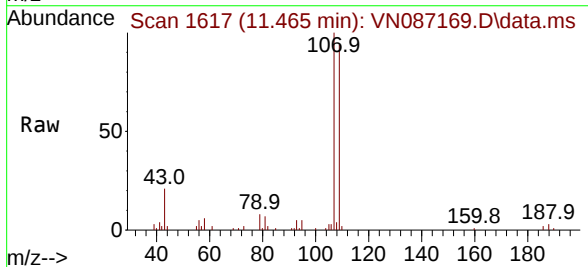
Tgt Ion:129 Resp: 48580
Ion Ratio Lower Upper
129 100
127 78.1 39.6 118.8

Manual Integrations
APPROVED

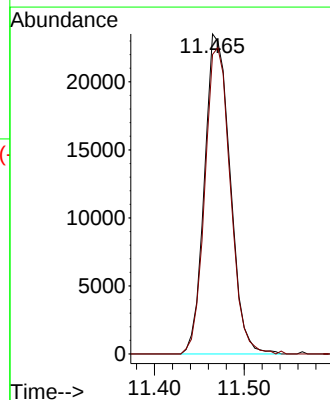
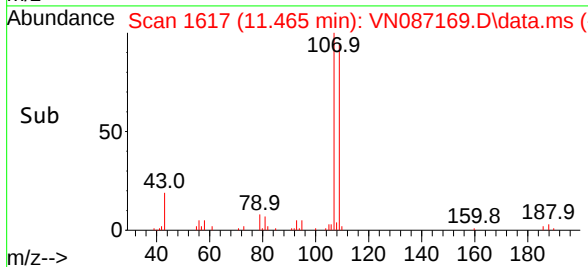
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

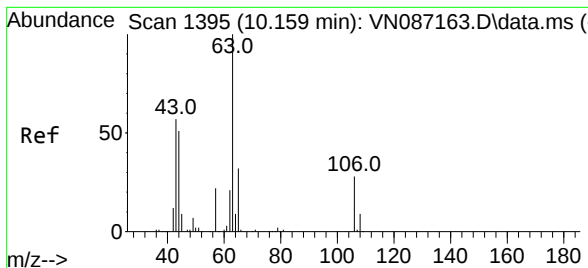


#54
1,2-Dibromoethane
Concen: 17.045 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41



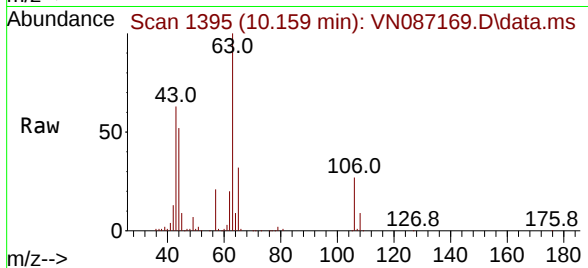
Tgt Ion:107 Resp: 46668
Ion Ratio Lower Upper
107 100
109 95.1 73.5 110.3





#55
2-Chloroethyl vinyl ether
Concen: 79.782 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

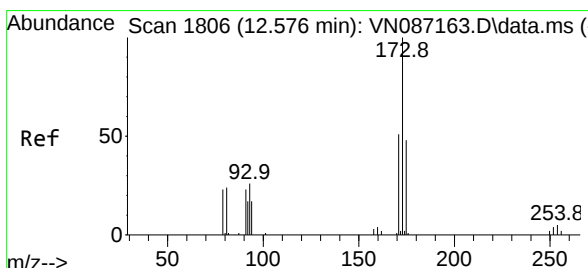
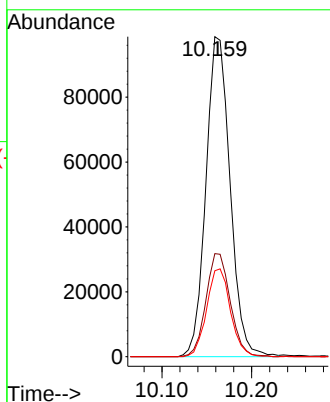
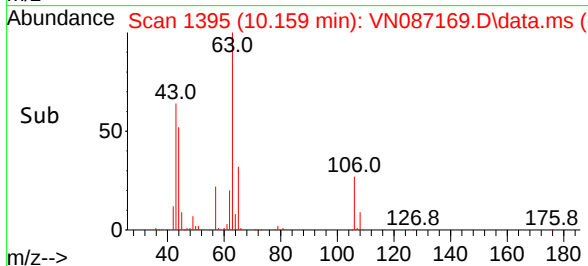
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion: 63 Resp: 184712
Ion Ratio Lower Upper
63 100
65 32.4 25.6 38.4
106 27.1 21.9 32.9

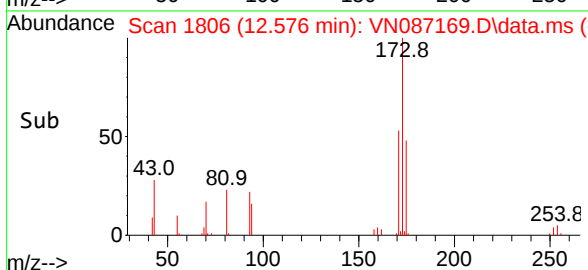
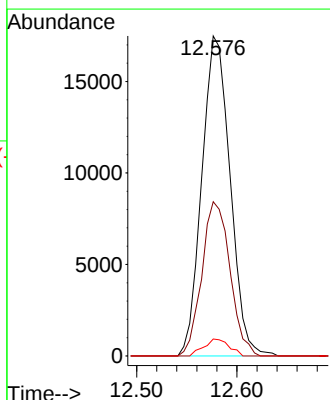
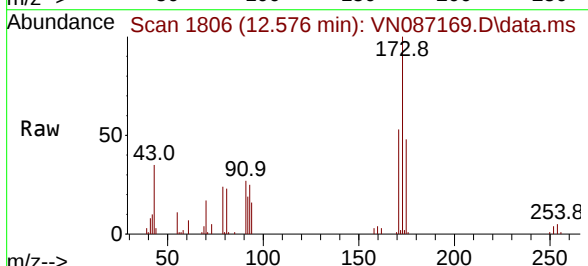
Manual Integrations
APPROVED

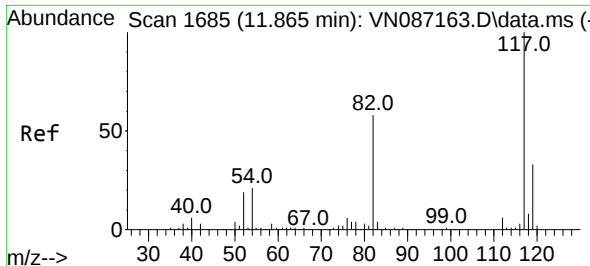
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#56
Bromoform
Concen: 17.891 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

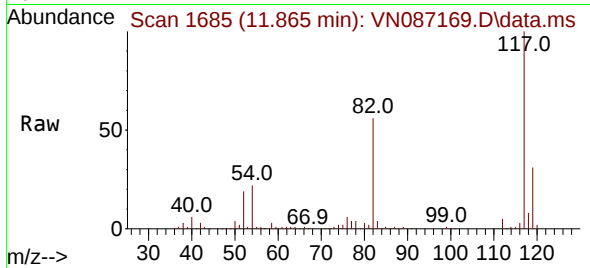
Tgt Ion:173 Resp: 34260
Ion Ratio Lower Upper
173 100
175 48.0 38.7 58.1
254 4.7 4.2 6.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

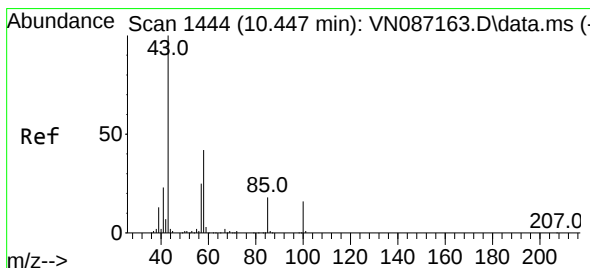
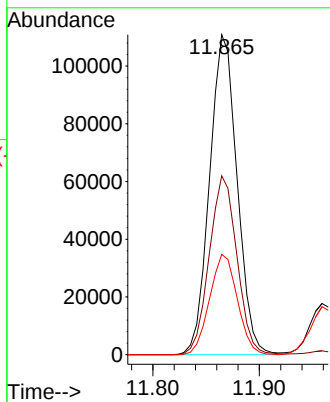
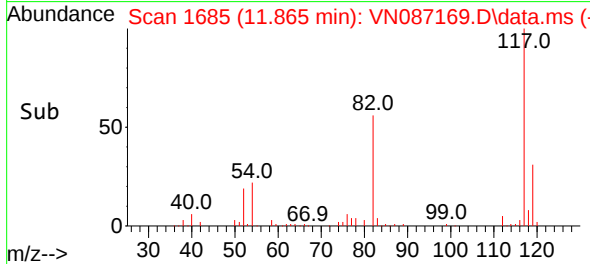
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



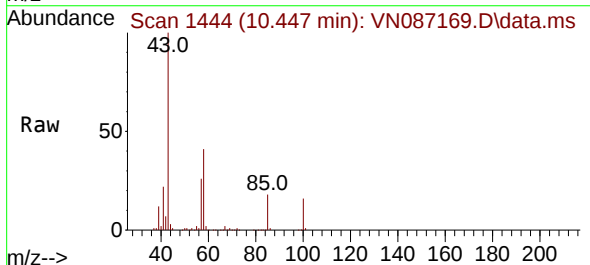
Tgt Ion: 117 Resp: 199254
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 31.6 26.2 39.4

Manual Integrations
APPROVED

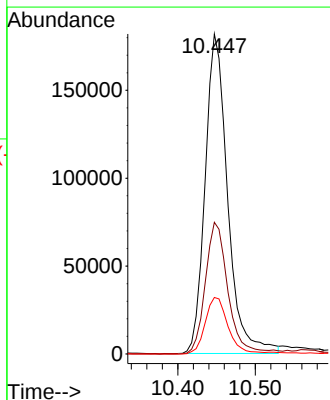
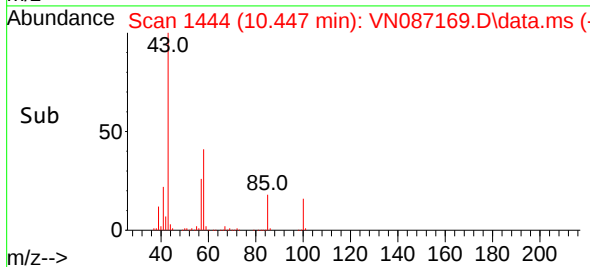
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

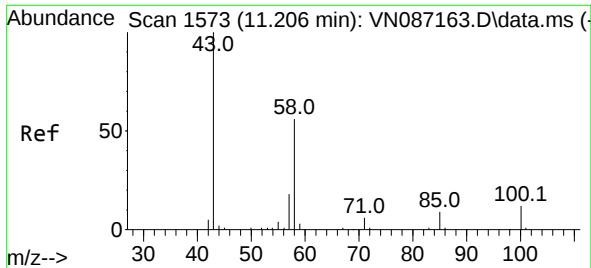


#58
4-Methyl-2-Pentanone
Concen: 91.781 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41



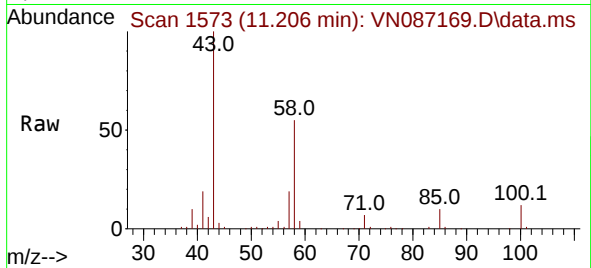
Tgt Ion: 43 Resp: 367651
Ion Ratio Lower Upper
43 100
58 41.1 32.6 49.0
85 17.8 14.6 22.0





#59
2-Hexanone
Concen: 88.400 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

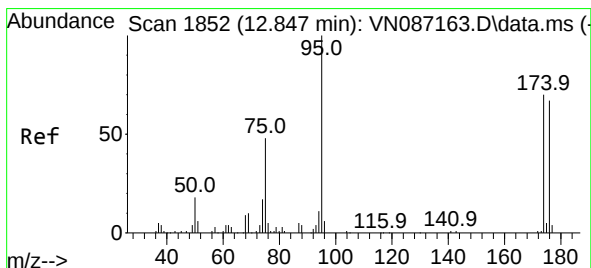
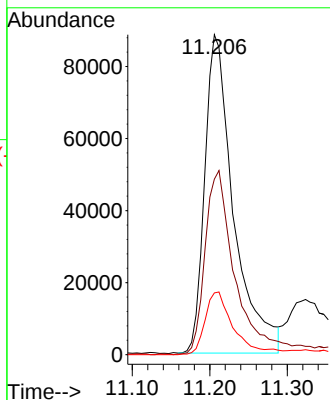
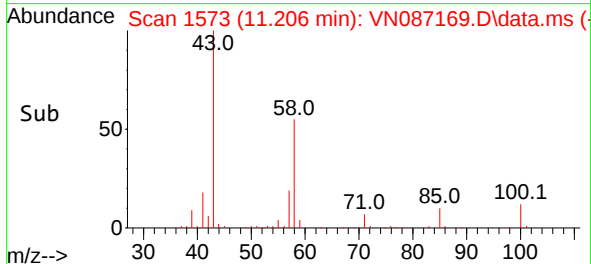
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion: 43 Resp: 22865
Ion Ratio Lower Upper
43 100
58 59.9 49.2 73.8
57 18.7 15.3 22.9

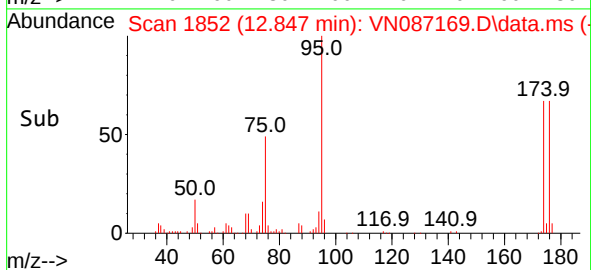
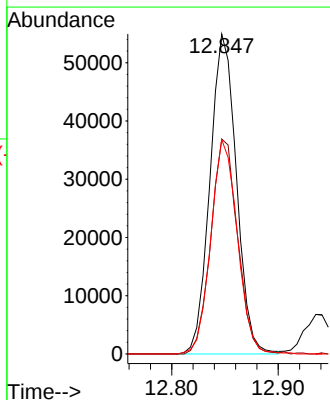
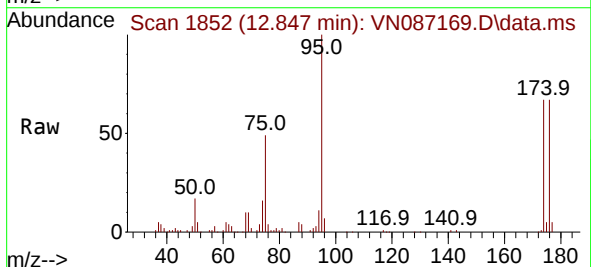
Manual Integrations
APPROVED

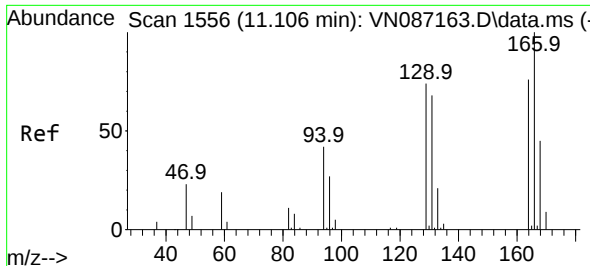
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#60
4-Bromofluorobenzene
Concen: 30.782 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

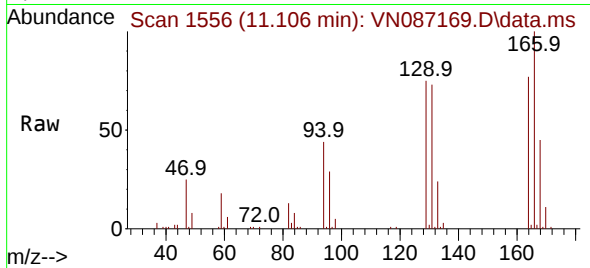
Tgt Ion: 95 Resp: 94645
Ion Ratio Lower Upper
95 100
174 67.9 54.5 81.7
176 67.3 51.9 77.9





#61
Tetrachloroethene
Concen: 18.062 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

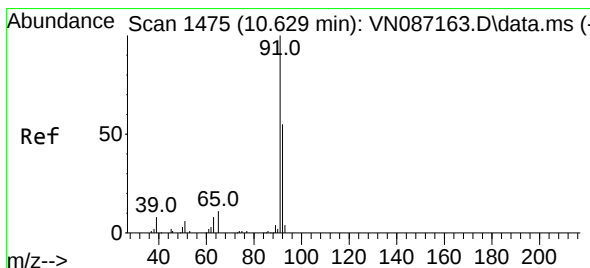
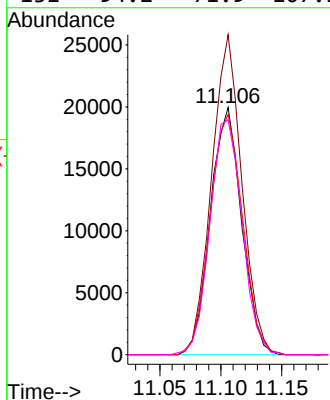
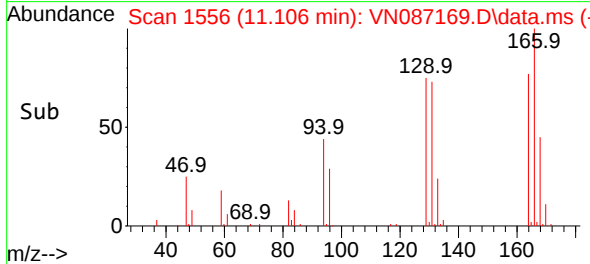
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion:164 Resp: 35640
Ion Ratio Lower Upper
164 100
166 129.4 105.4 158.2
129 97.1 77.9 116.9
131 94.2 71.9 107.9

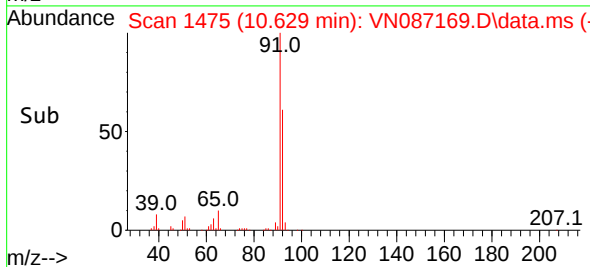
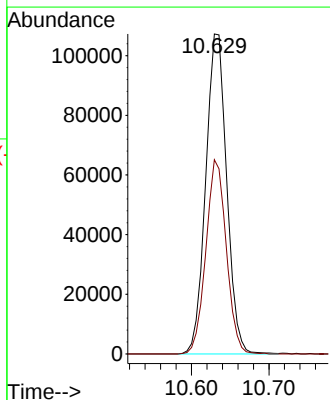
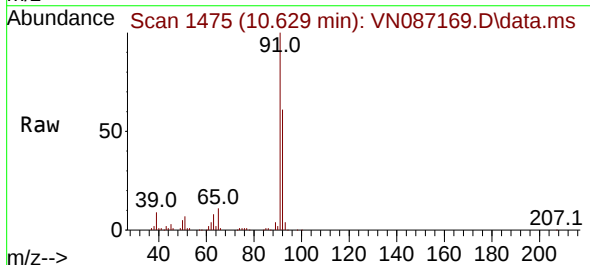
Manual Integrations
APPROVED

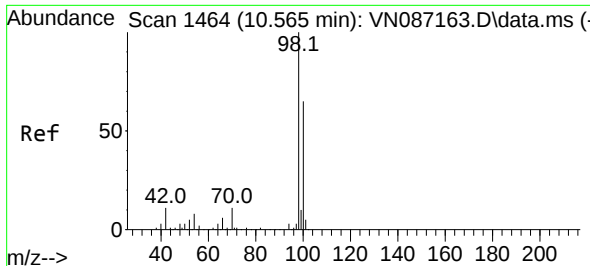
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#62
Toluene
Concen: 17.941 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

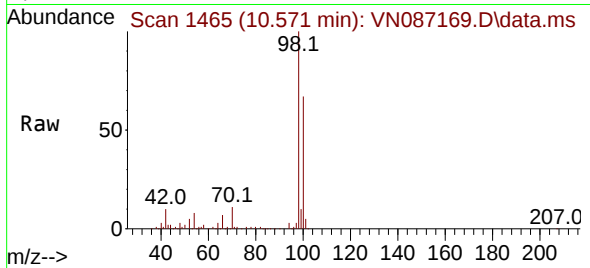
Tgt Ion: 91 Resp: 201899
Ion Ratio Lower Upper
91 100
92 59.0 45.8 68.8





#63
Toluene-d8
Concen: 28.699 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

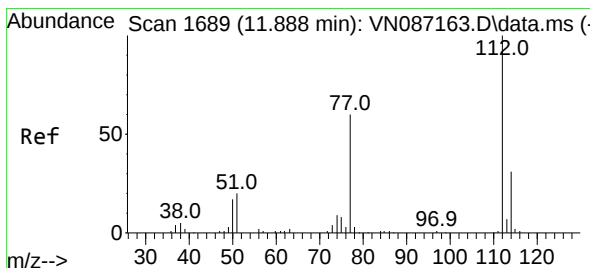
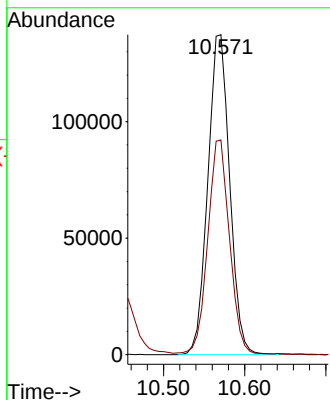
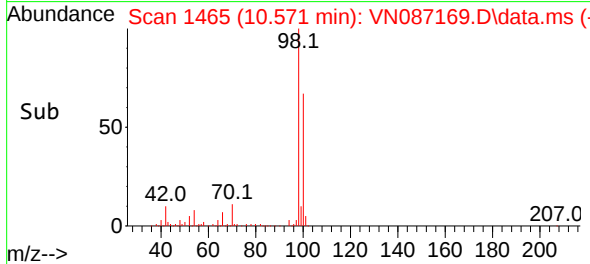
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



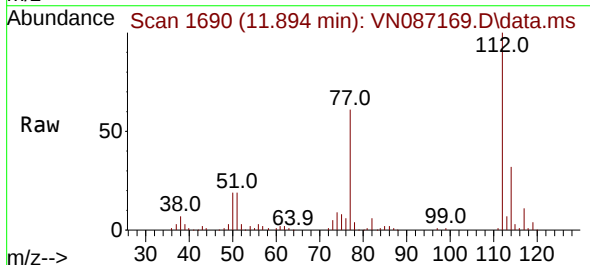
Tgt Ion: 98 Resp: 25675
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7

Manual Integrations
APPROVED

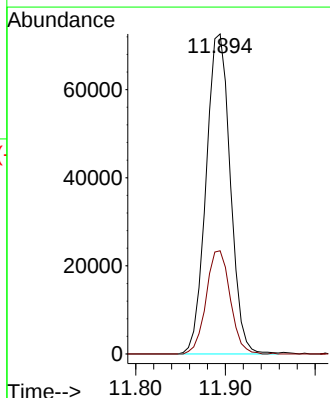
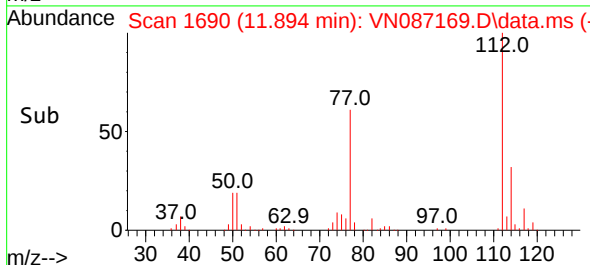
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

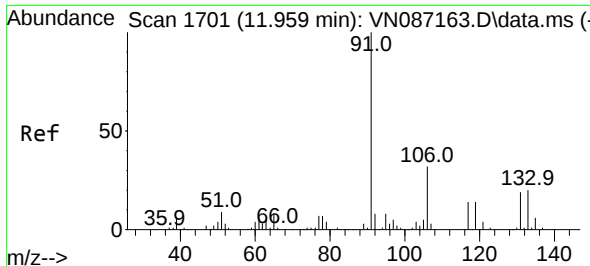


#64
Chlorobenzene
Concen: 18.948 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41



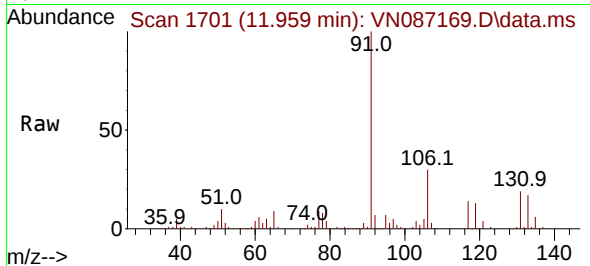
Tgt Ion:112 Resp: 136015
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 18.935 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

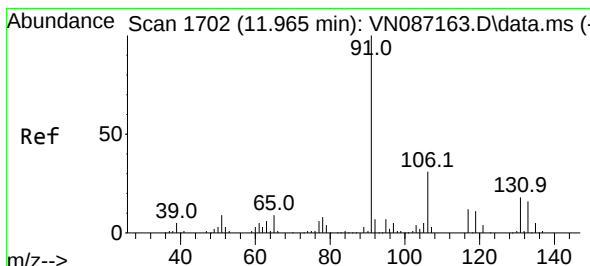
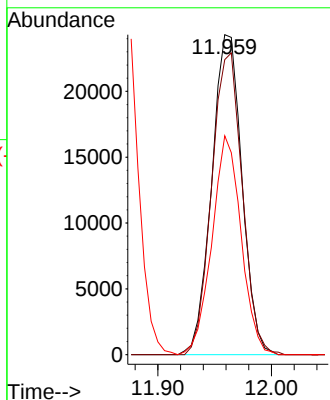
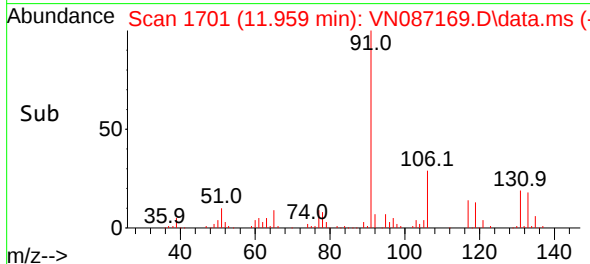
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



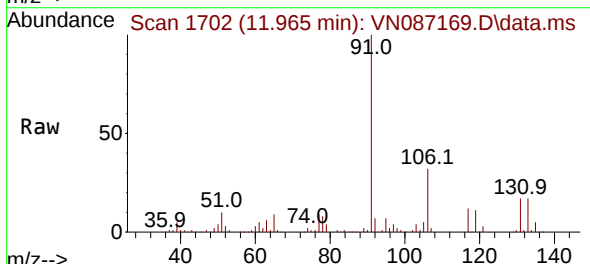
Tgt Ion:131 Resp: 44912
Ion Ratio Lower Upper
131 100
133 95.3 0.0 187.8
119 66.0 0.0 140.0

Manual Integrations
APPROVED

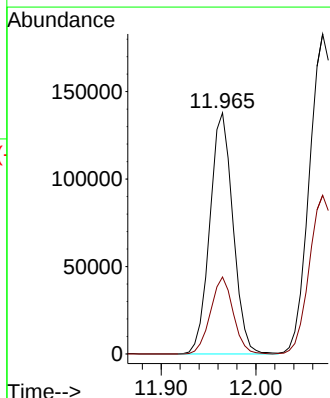
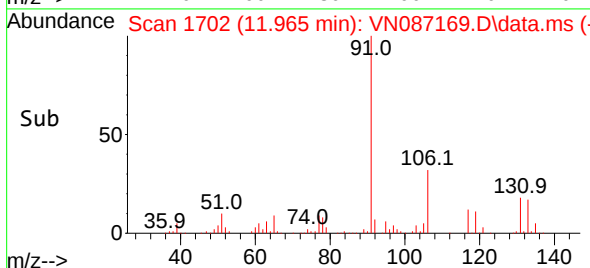
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

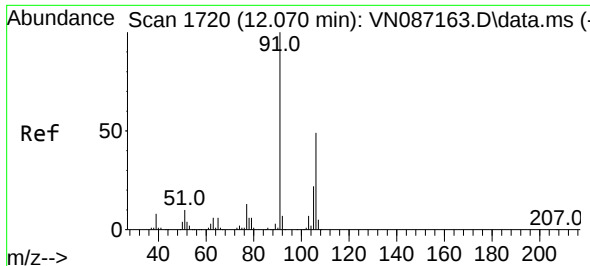


#66
Ethyl Benzene
Concen: 18.979 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41



Tgt Ion: 91 Resp: 233773
Ion Ratio Lower Upper
91 100
106 31.9 24.8 37.2





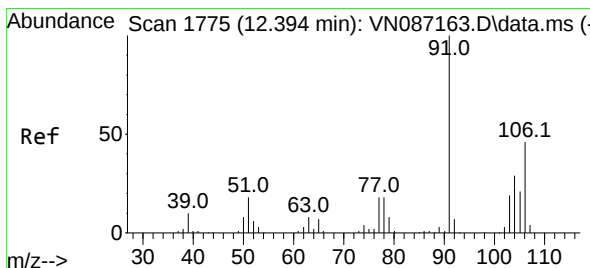
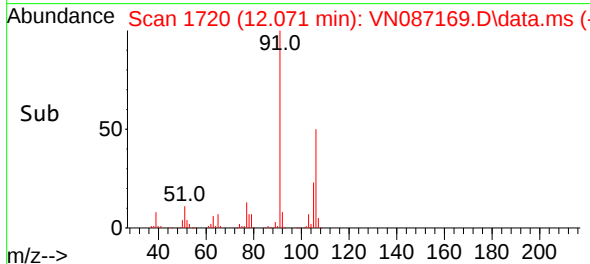
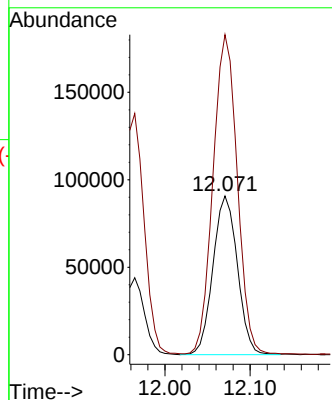
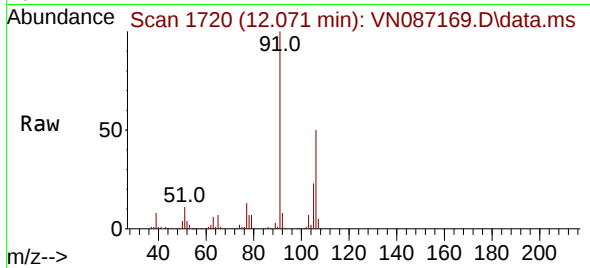
#67
m/p-Xylenes
Concen: 38.254 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion:106 Resp: 18056
Ion Ratio Lower Upper
106 100
91 199.4 163.0 244.4

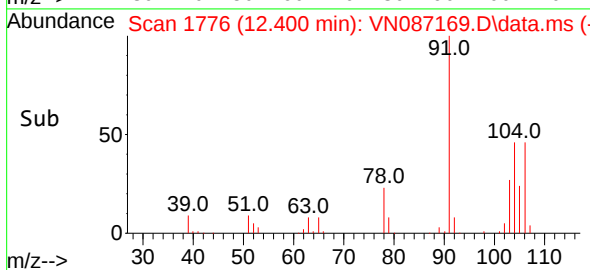
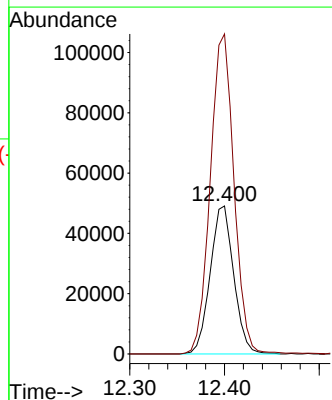
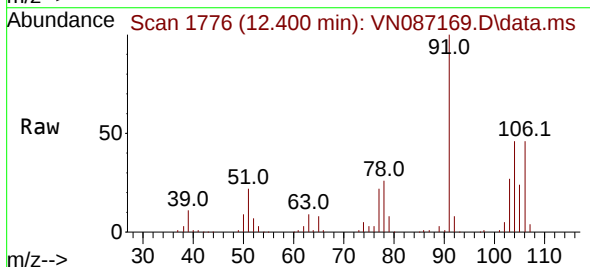
Manual Integrations
APPROVED

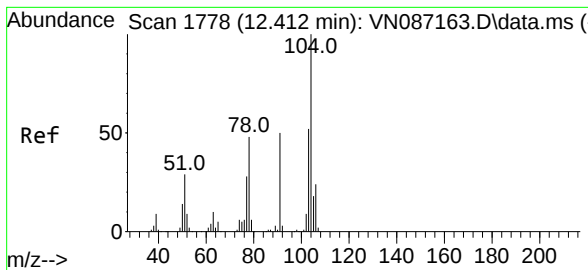
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#68
o-Xylene
Concen: 18.801 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

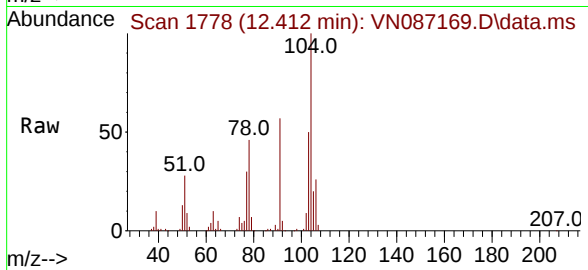
Tgt Ion:106 Resp: 84663
Ion Ratio Lower Upper
106 100
91 217.4 107.1 321.1





#69
Styrene
Concen: 18.691 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

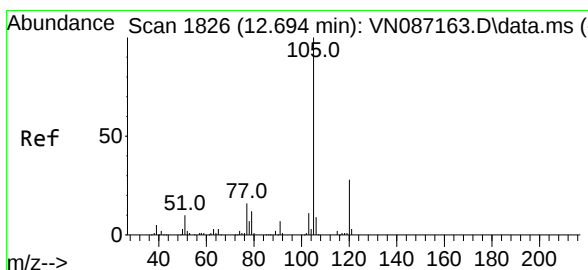
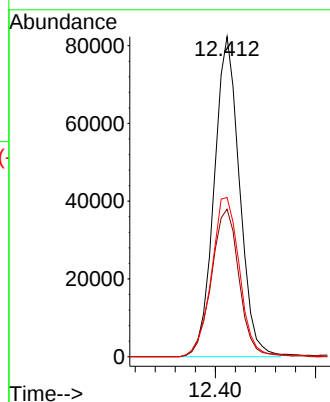
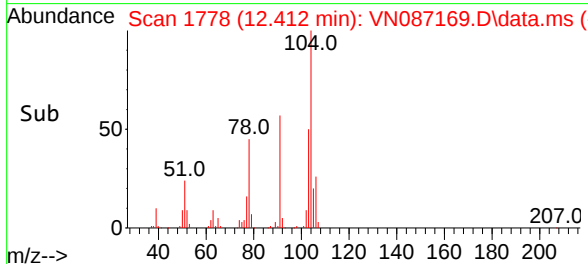
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion:104 Resp: 144499
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.8
103 54.9 44.2 66.4

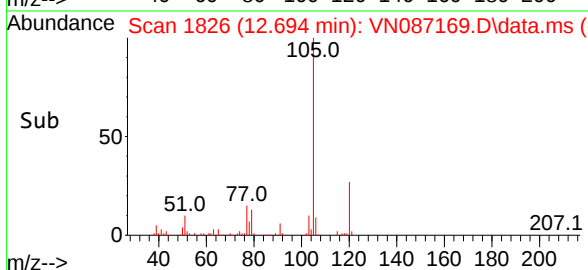
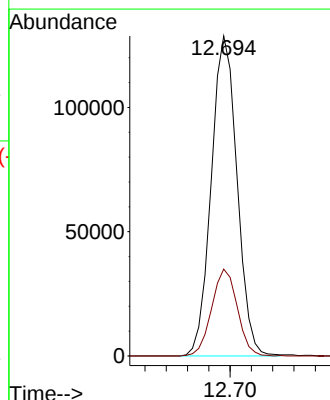
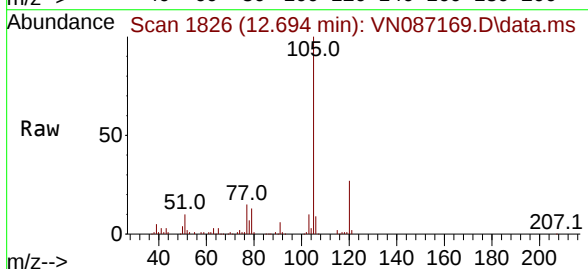
Manual Integrations
APPROVED

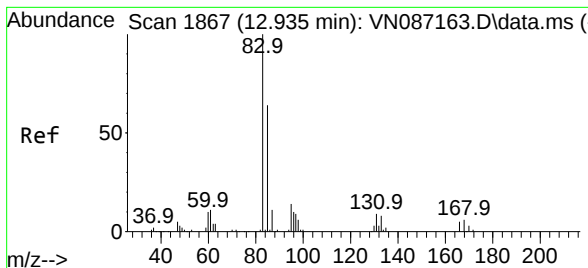
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#70
Isopropylbenzene
Concen: 19.300 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

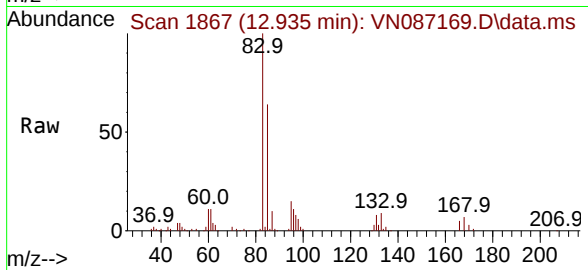
Tgt Ion:105 Resp: 216458
Ion Ratio Lower Upper
105 100
120 26.9 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 19.758 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

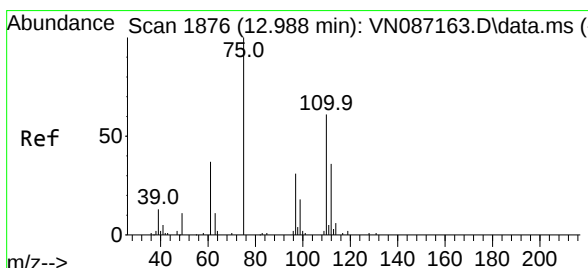
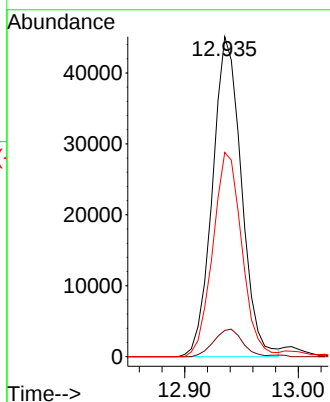
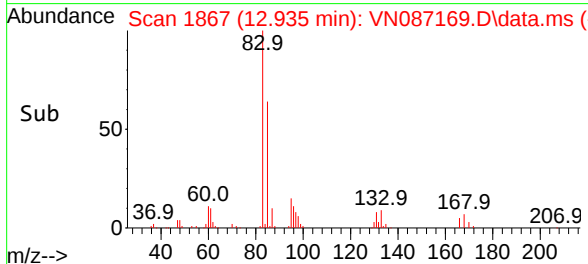
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



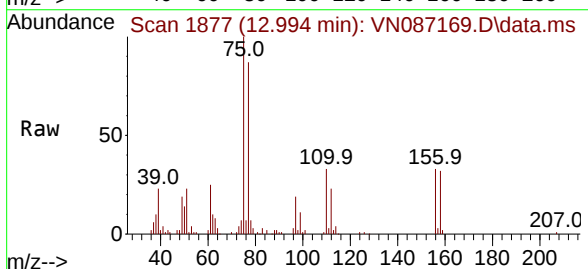
Tgt Ion: 83 Resp: 7976
Ion Ratio Lower Upper
83 100
131 8.5 4.5 13.4
85 64.1 31.3 93.9

Manual Integrations
APPROVED

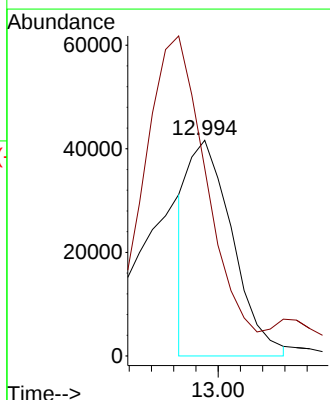
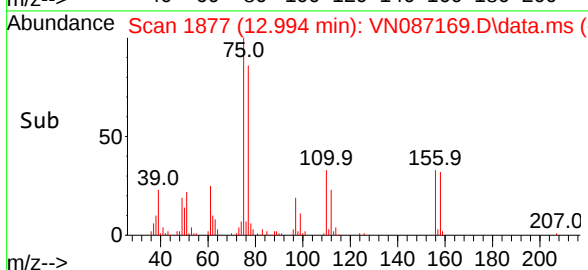
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025

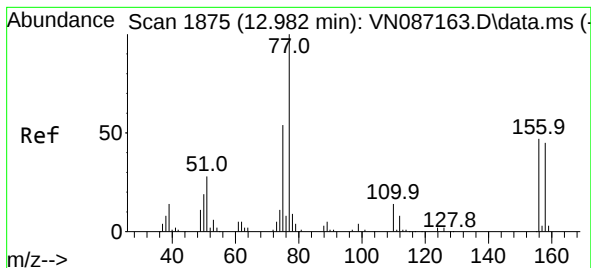


#72
1,2,3-Trichloropropane
Concen: 16.519 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41



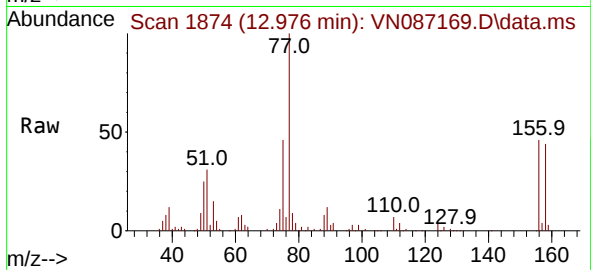
Tgt Ion: 75 Resp: 57506
Ion Ratio Lower Upper
75 100
77 217.4 0.0 379.2





#73
Bromobenzene
Concen: 18.712 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

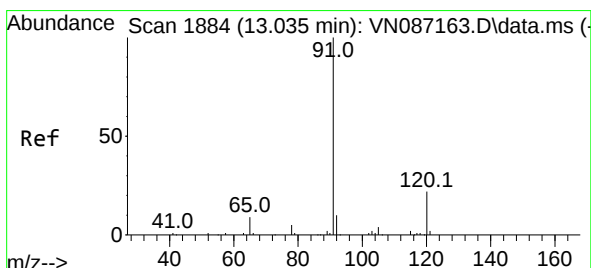
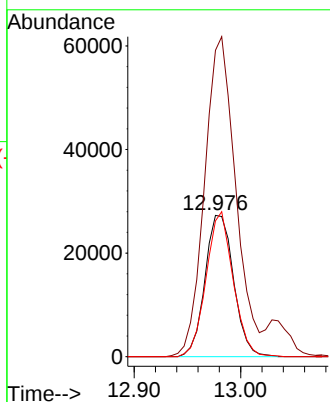
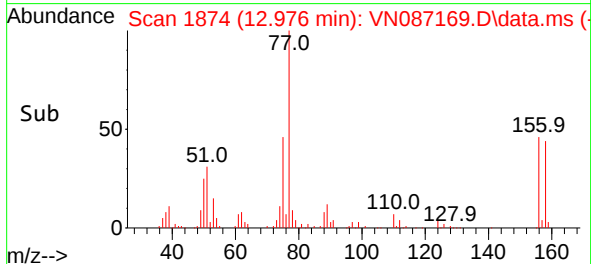
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion:156 Resp: 50908
Ion Ratio Lower Upper
156 100
77 245.6 0.0 489.0
158 96.9 0.0 195.2

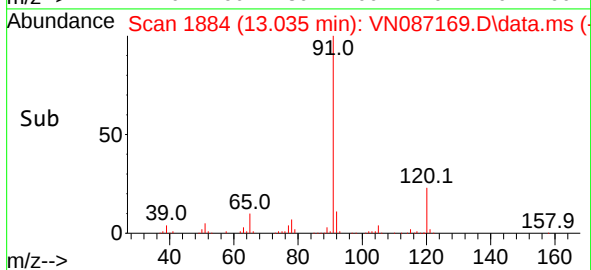
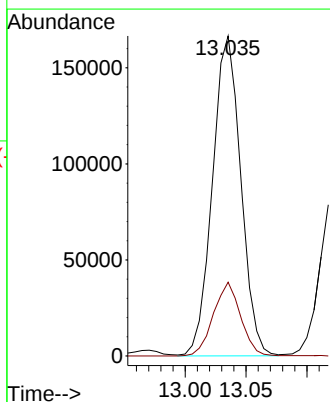
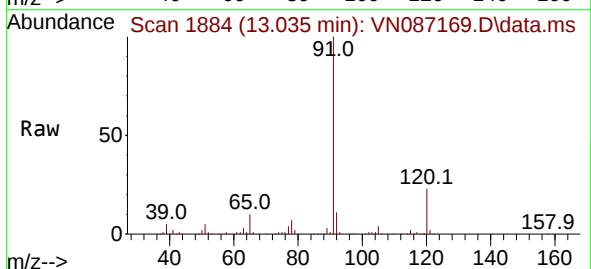
Manual Integrations
APPROVED

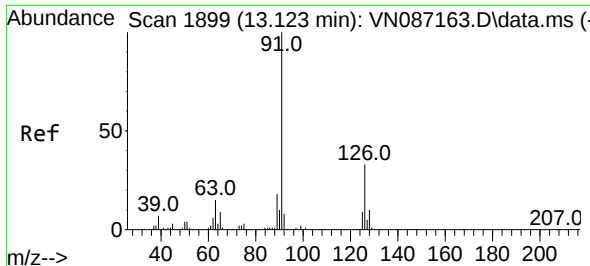
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#74
n-propylbenzene
Concen: 19.681 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion: 91 Resp: 269660
Ion Ratio Lower Upper
91 100
120 22.1 0.0 43.6





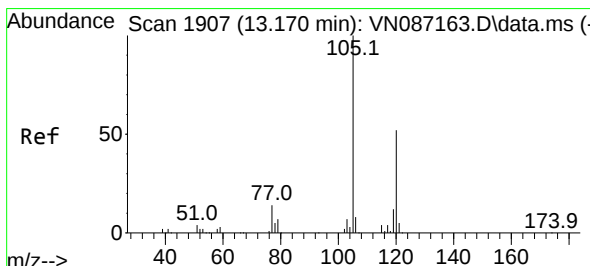
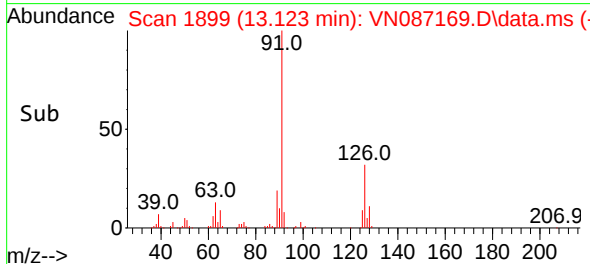
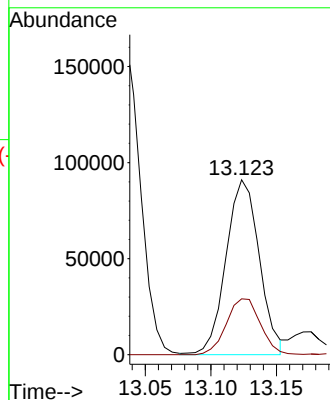
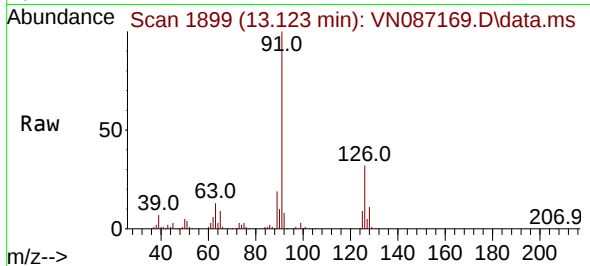
#75
2-Chlorotoluene
Concen: 19.451 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion: 91 Resp: 16101
Ion Ratio Lower Upper
91 100
126 32.6 0.0 63.8

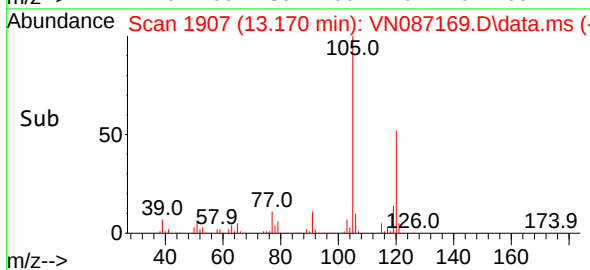
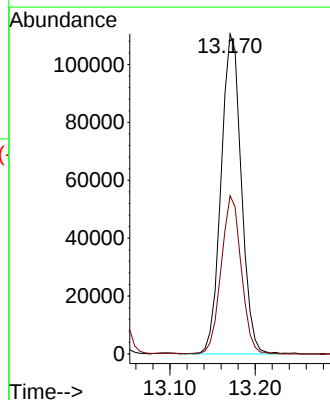
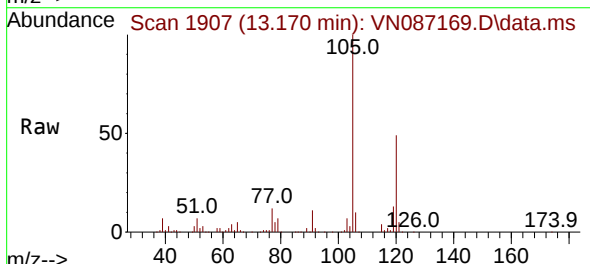
Manual Integrations
APPROVED

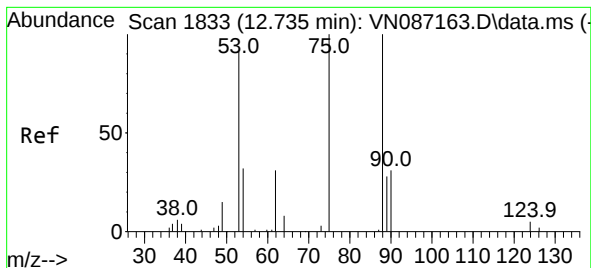
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.973 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

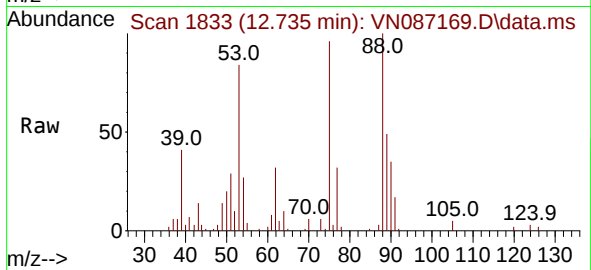
Tgt Ion:105 Resp: 182359
Ion Ratio Lower Upper
105 100
120 49.0 0.0 100.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.317 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

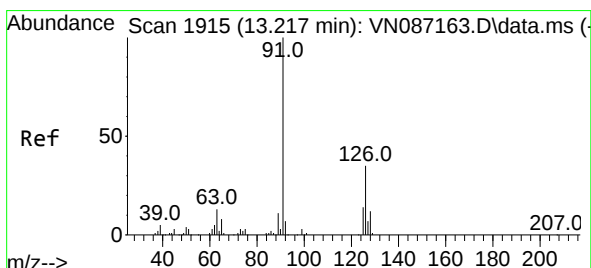
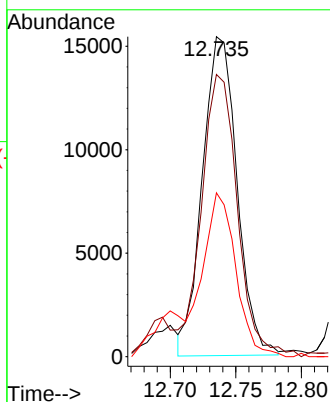
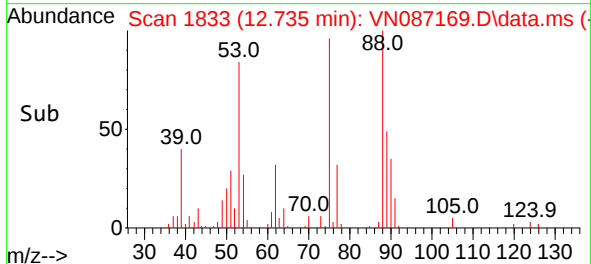
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



Tgt Ion: 75 Resp: 28284
Ion Ratio Lower Upper
75 100
53 86.4 45.9 137.6
89 51.0 22.3 66.9

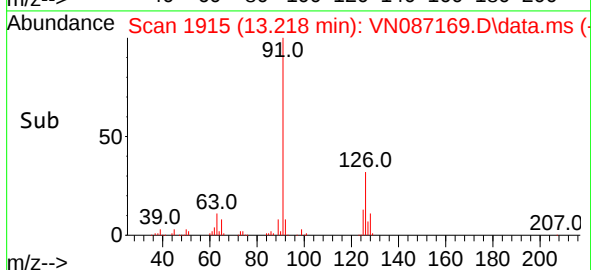
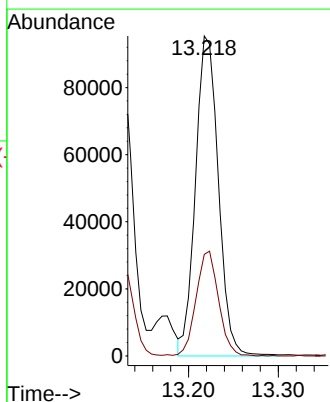
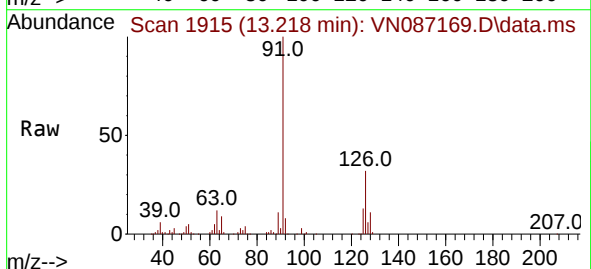
Manual Integrations
APPROVED

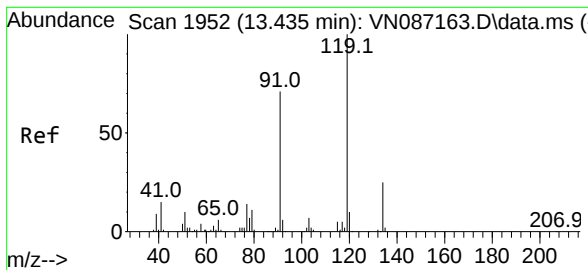
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#78
4-Chlorotoluene
Concen: 19.929 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion: 91 Resp: 168956
Ion Ratio Lower Upper
91 100
126 31.5 0.0 65.2





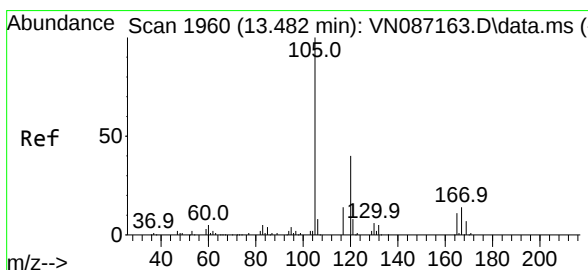
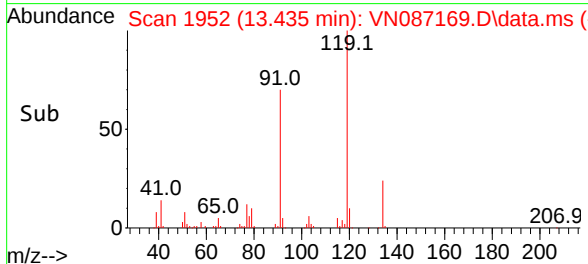
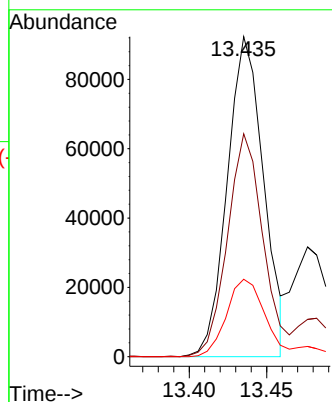
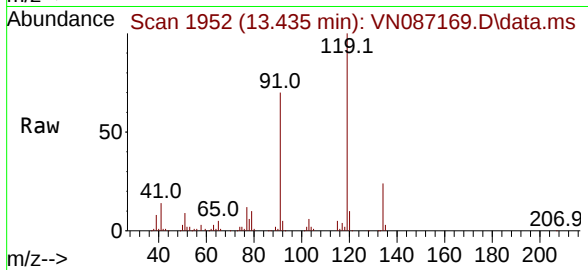
#79
tert-butylbenzene
Concen: 19.587 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion:119 Resp: 150328
Ion Ratio Lower Upper
119 100
91 68.6 0.0 137.0
134 25.4 0.0 49.4

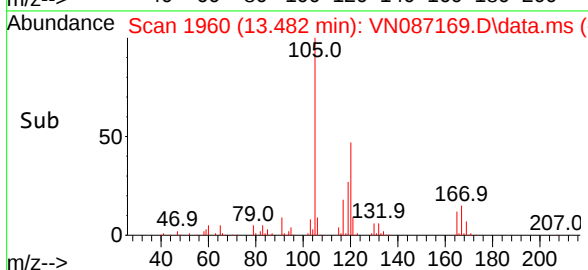
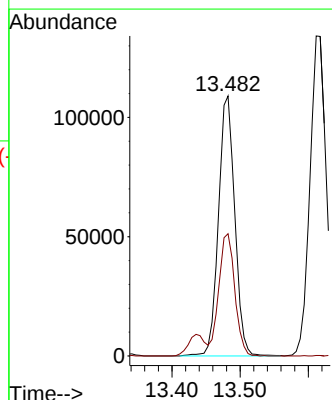
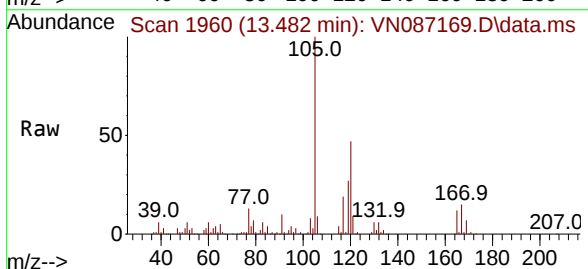
Manual Integrations
APPROVED

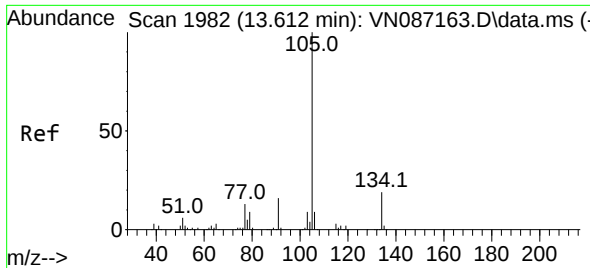
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.810 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion:105 Resp: 181619
Ion Ratio Lower Upper
105 100
120 46.1 0.0 94.0





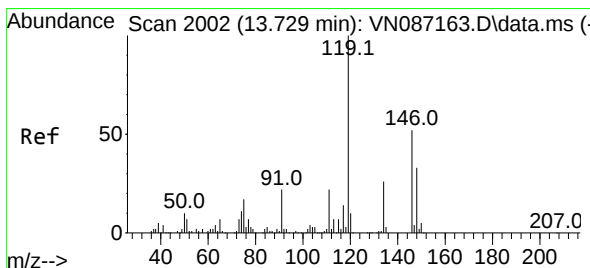
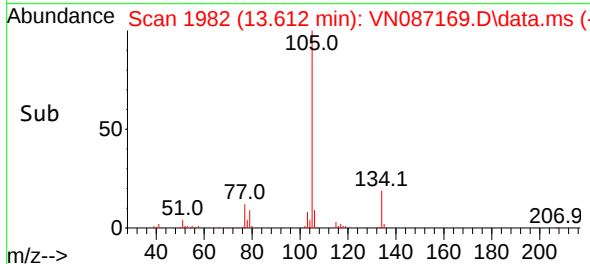
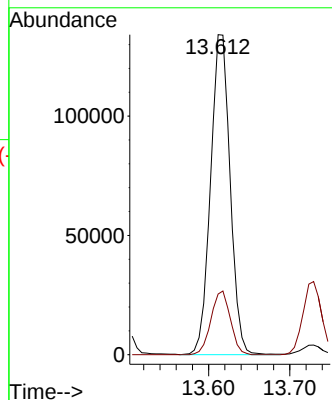
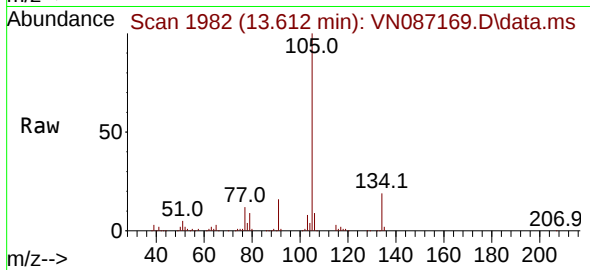
#81
 sec-Butylbenzene
 Concen: 20.132 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087169.D
 Acq: 25 Jun 2025 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01

Tgt Ion:105 Resp: 224608
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

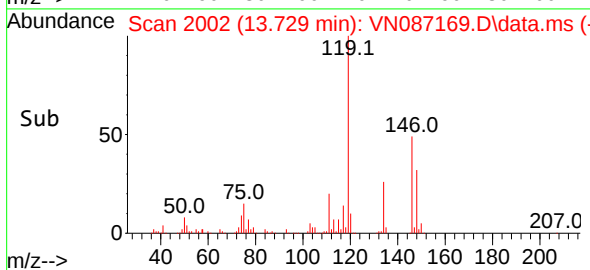
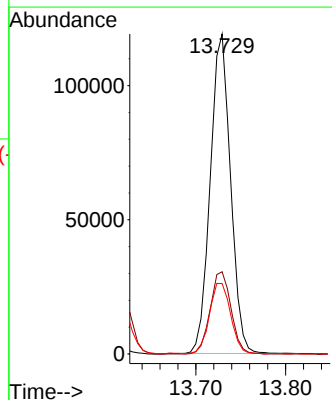
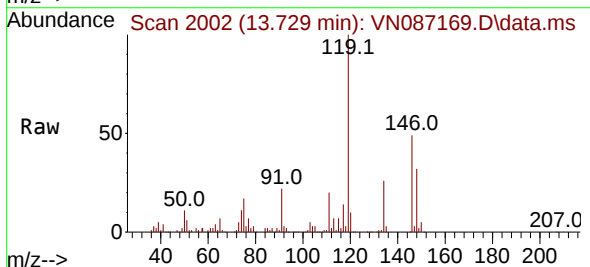
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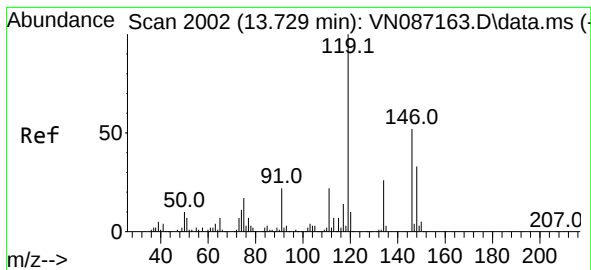
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025



#82
 p-Isopropyltoluene
 Concen: 20.132 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN087169.D
 Acq: 25 Jun 2025 11:41

Tgt Ion:119 Resp: 186913
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.2
 91 23.3 0.0 46.4





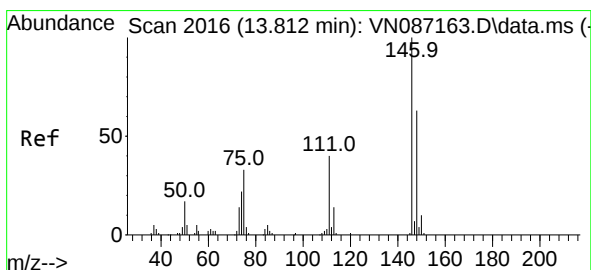
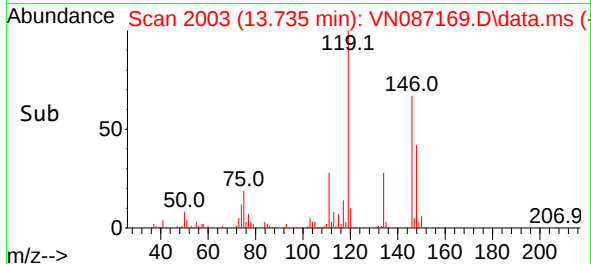
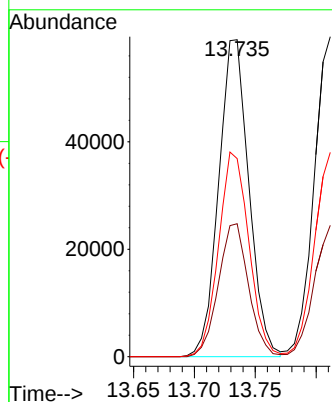
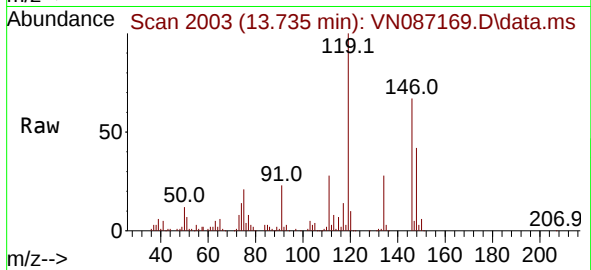
#83
1,3-Dichlorobenzene
Concen: 19.448 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion:146 Resp: 101885
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.3
148 64.9 31.6 94.8

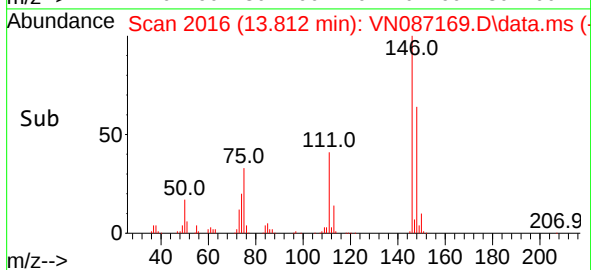
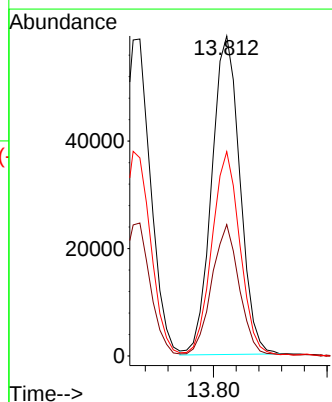
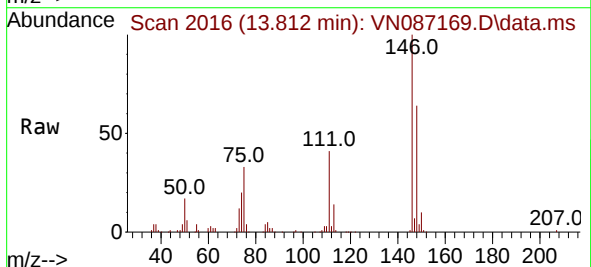
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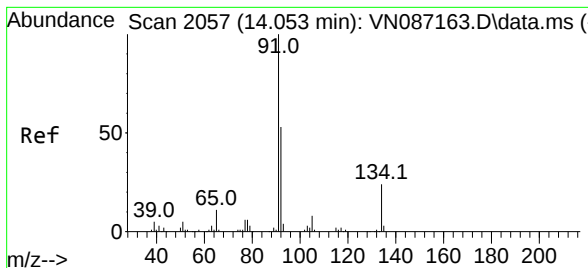
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#84
1,4-Dichlorobenzene
Concen: 19.398 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion:146 Resp: 102280
Ion Ratio Lower Upper
146 100
111 41.0 20.1 60.2
148 64.3 31.4 94.2





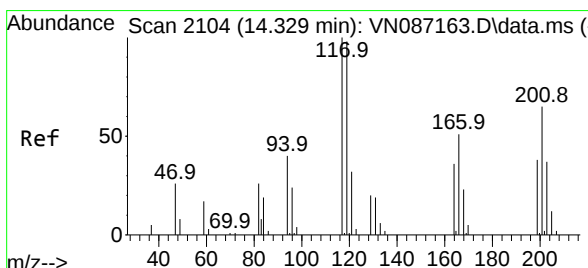
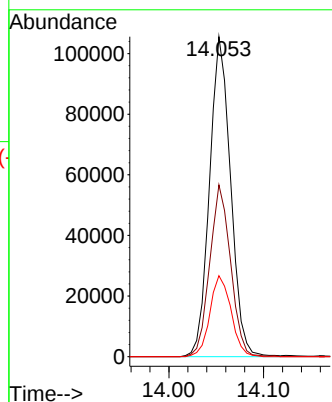
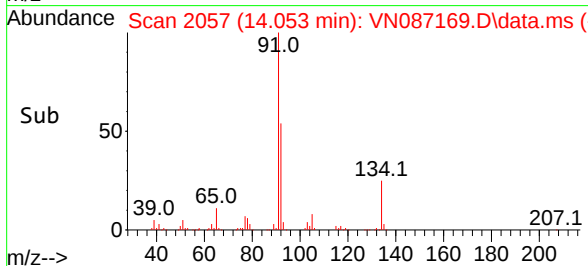
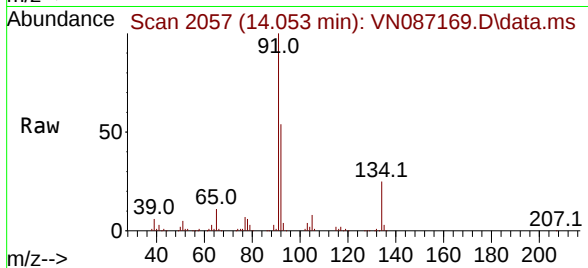
#85
n-Butylbenzene
Concen: 19.271 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01

Tgt Ion: 91 Resp: 163249
Ion Ratio Lower Upper
91 100
92 53.0 0.0 106.4
134 25.4 0.0 48.8

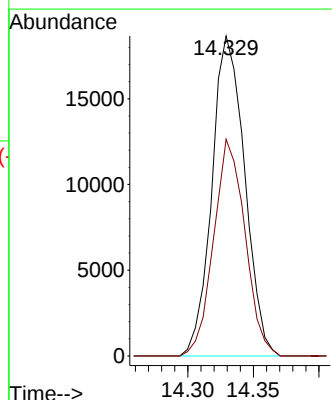
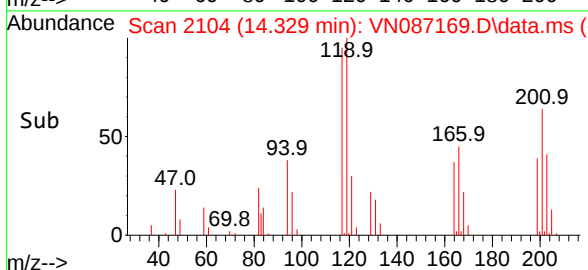
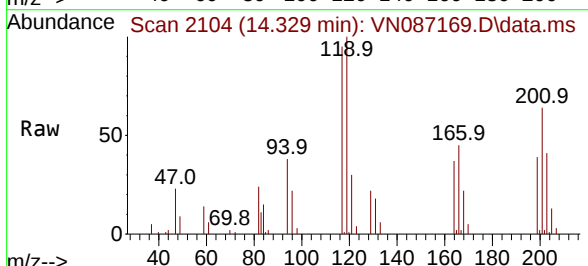
Manual Integrations
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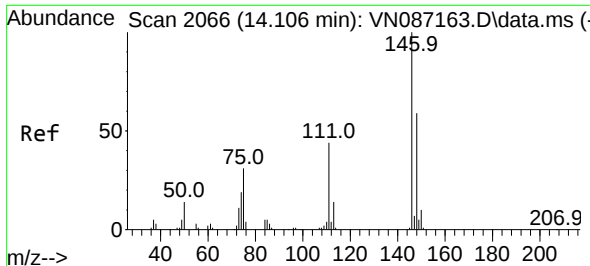
Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/26/2025



#86
Hexachloroethane
Concen: 18.454 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

Tgt Ion:117 Resp: 32432
Ion Ratio Lower Upper
117 100
201 64.8 30.8 92.3





#87

1,2-Dichlorobenzene

Concen: 17.644 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN087169.D

Acq: 25 Jun 2025 11:41

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBS01

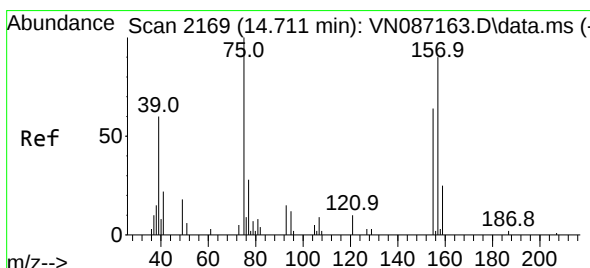
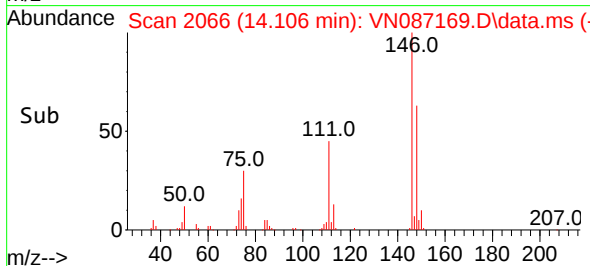
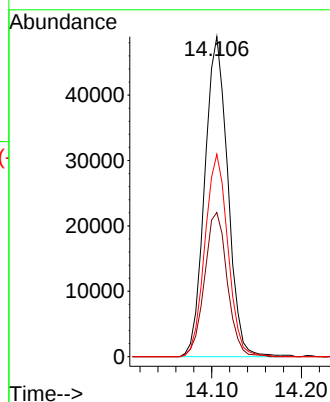
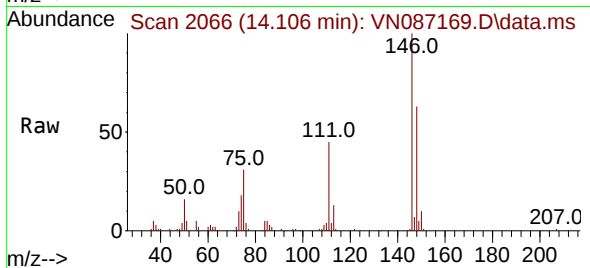
Tgt Ion:	146	Resp:	8715
Ion Ratio	Lower	Upper	
146	100		
111	44.6	22.1	66.1
148	63.1	31.6	95.0

Manual Integrations

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Reviewed By :John Carlone 06/25/2025

Supervised By :Mahesh Dadoda 06/26/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.607 ug/l

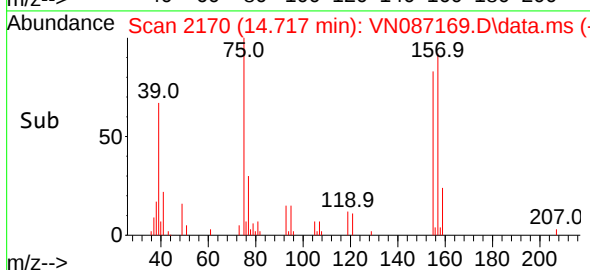
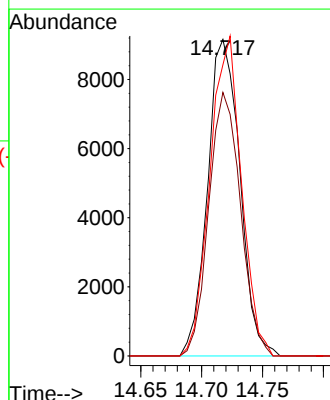
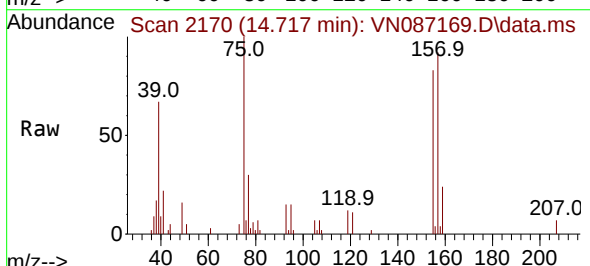
RT: 14.717 min Scan# 2170

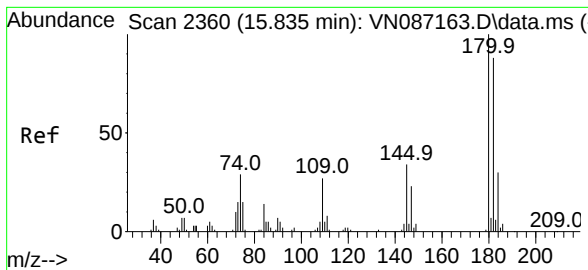
Delta R.T. 0.006 min

Lab File: VN087169.D

Acq: 25 Jun 2025 11:41

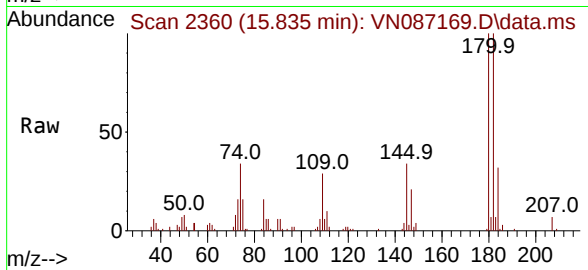
Tgt Ion:	75	Resp:	16914
Ion Ratio	Lower	Upper	
75	100		
155	81.9	58.3	87.5
157	98.4	79.2	118.8





#89
 1,2,4-Trichlorobenzene
 Concen: 18.031 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. 0.000 min
 Lab File: VN087169.D
 Acq: 25 Jun 2025 11:41

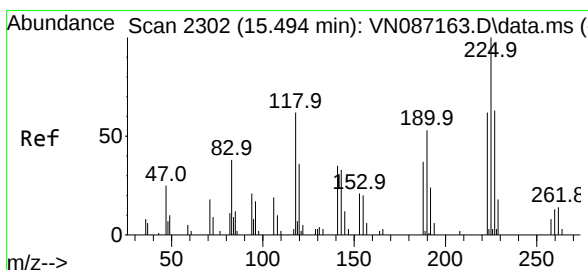
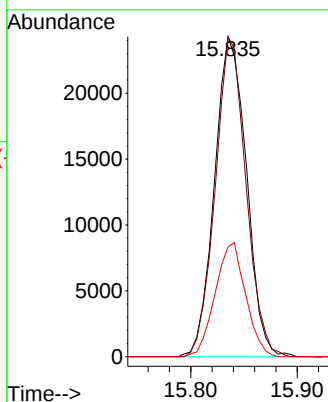
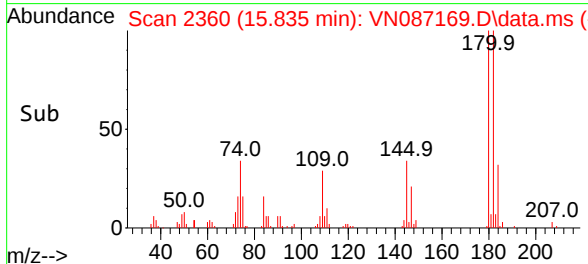
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBS01



Tgt Ion:180 Resp: 5039
 Ion Ratio Lower Upper
 180 100
 182 96.2 74.2 111.2
 145 34.0 27.6 41.4

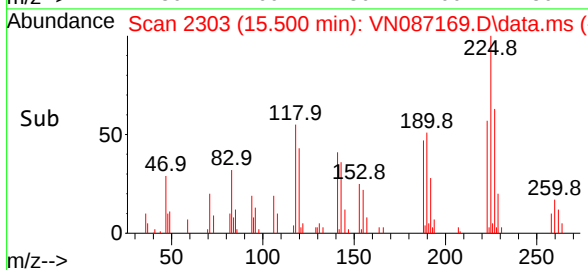
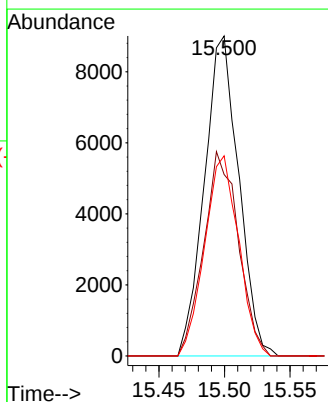
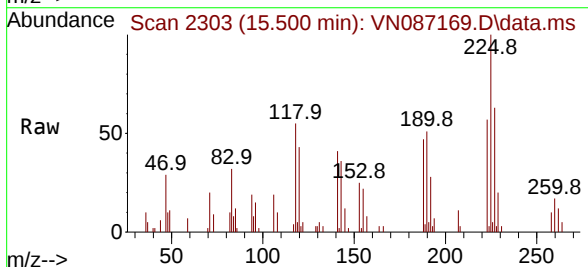
Manual Integrations
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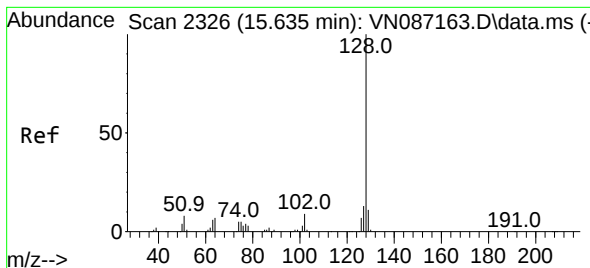
Reviewed By :John Carlone 06/25/2025
 Supervised By :Mahesh Dadoda 06/26/2025



#90
 Hexachlorobutadiene
 Concen: 19.769 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.006 min
 Lab File: VN087169.D
 Acq: 25 Jun 2025 11:41

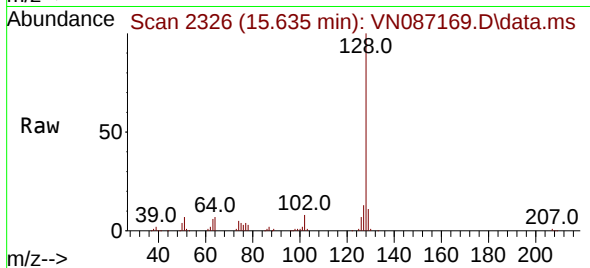
Tgt Ion:225 Resp: 16395
 Ion Ratio Lower Upper
 225 100
 223 64.5 0.0 134.2
 227 61.9 0.0 122.6





#91
Naphthalene
Concen: 18.091 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41

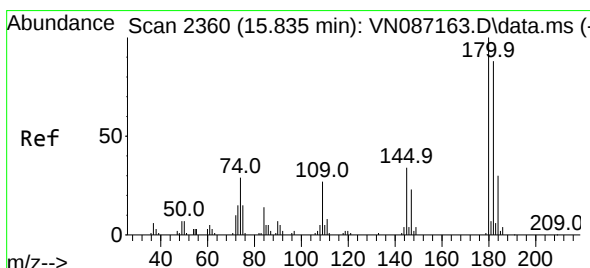
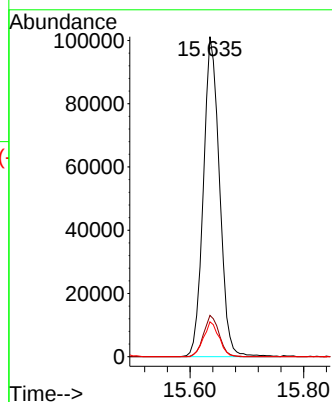
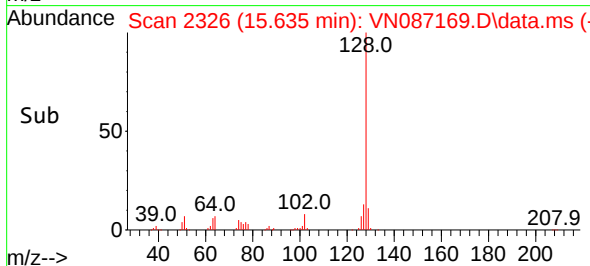
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBS01



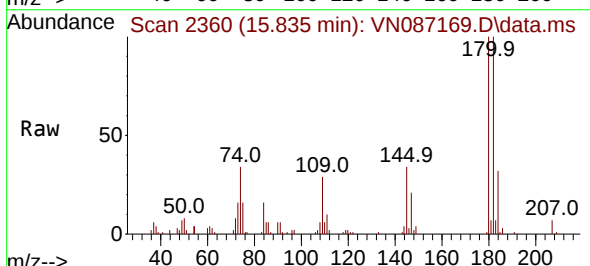
Tgt Ion:128 Resp: 19898
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.6 8.8 13.2

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



#92
1,2,3-Trichlorobenzene
Concen: 18.031 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN087169.D
Acq: 25 Jun 2025 11:41



Tgt Ion:180 Resp: 50391
Ion Ratio Lower Upper
180 100
182 96.2 0.0 185.4
145 34.0 0.0 69.0

