

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087187.D
 Acq On : 26 Jun 2025 12:22
 Operator : JC\MD
 Sample : VN0626WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2025
 Supervised By : Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 01:23:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	160582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	293263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	104679	48.688	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.380%		
35) Dibromofluoromethane	8.177	113	84133	48.409	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.820%		
50) Toluene-d8	10.565	98	307366	44.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.340%		
62) 4-Bromofluorobenzene	12.847	95	115539	45.200	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	28138	17.574	ug/l	100
3) Chloromethane	2.401	50	28720	13.891	ug/l	100
4) Vinyl Chloride	2.554	62	31645	14.838	ug/l	96
5) Bromomethane	3.001	94	15815	13.251	ug/l	99
6) Chloroethane	3.159	64	17361	12.602	ug/l	98
7) Trichlorofluoromethane	3.530	101	34614	12.422	ug/l	96
8) Diethyl Ether	3.977	74	17435	14.361	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.400	101	29065	16.602	ug/l	97
10) Methyl Iodide	4.612	142	17196	7.577	ug/l	98
11) Tert butyl alcohol	5.530	59	43145	73.956	ug/l	98
12) 1,1-Dichloroethene	4.371	96	27447	15.356	ug/l	93
13) Acrolein	4.200	56	14767	79.968	ug/l	96
14) Allyl chloride	5.053	41	51090	17.236	ug/l	98
15) Acrylonitrile	5.742	53	117415	86.108	ug/l	99
16) Acetone	4.448	43	101035	88.614	ug/l	92
17) Carbon Disulfide	4.736	76	81032	16.390	ug/l	99
18) Methyl Acetate	5.048	43	56995	17.154	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	110599	17.090	ug/l	93
20) Methylene Chloride	5.295	84	36425	17.064	ug/l	92
21) trans-1,2-Dichloroethene	5.812	96	33753	16.974	ug/l	99
22) Diisopropyl ether	6.683	45	114613	18.343	ug/l	97
23) Vinyl Acetate	6.618	43	498176	94.368	ug/l	98
24) 1,1-Dichloroethane	6.583	63	65713	18.275	ug/l	97
25) 2-Butanone	7.494	43	161137	86.945	ug/l	99
26) 2,2-Dichloropropane	7.506	77	56979	20.371	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	40925	17.208	ug/l	96
28) Bromochloromethane	7.824	49	35082	19.843	ug/l	93
29) Tetrahydrofuran	7.847	42	103748	85.934	ug/l	97
30) Chloroform	7.971	83	64866	18.064	ug/l	95
31) Cyclohexane	8.265	56	59220	16.983	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	54179	17.739	ug/l	95
36) 1,1-Dichloropropene	8.377	75	45794	17.683	ug/l	98
37) Ethyl Acetate	7.571	43	61150	18.549	ug/l	97
38) Carbon Tetrachloride	8.371	117	45685	17.969	ug/l	98
39) Methylcyclohexane	9.606	83	51023	14.381	ug/l	95
40) Benzene	8.612	78	146941	17.352	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	34070	18.402	ug/l	95
42) 1,2-Dichloroethane	8.677	62	48406	18.846	ug/l	97
43) Isopropyl Acetate	8.694	43	93514	17.673	ug/l	98
44) Trichloroethene	9.359	130	34108	16.986	ug/l	96
45) 1,2-Dichloropropane	9.624	63	36916	17.918	ug/l	97
46) Dibromomethane	9.712	93	24877	18.179	ug/l	98
47) Bromodichloromethane	9.888	83	49358	17.530	ug/l	97
48) Methyl methacrylate	9.682	41	42131	17.300	ug/l	95
49) 1,4-Dioxane	9.706	88	11706	264.216	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	292165	91.721	ug/l	94
52) Toluene	10.630	92	90266	17.442	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	55782	17.718	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	58980	17.508	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	35545	17.850	ug/l	97
56) Ethyl methacrylate	10.882	69	51655	16.286	ug/l	94
57) 1,3-Dichloropropane	11.165	76	60753	17.587	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	162607	85.954	ug/l	97
59) 2-Hexanone	11.212	43	157527	76.775	ug/l	99
60) Dibromochloromethane	11.359	129	37063	17.864	ug/l	99
61) 1,2-Dibromoethane	11.471	107	35324	17.306	ug/l	100
64) Tetrachloroethene	11.100	164	26510	15.860	ug/l	98
65) Chlorobenzene	11.888	112	100334	17.224	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	32711	17.469	ug/l	99
67) Ethyl Benzene	11.959	91	165981	16.542	ug/l	98
68) m/p-Xylenes	12.071	106	127008	33.066	ug/l	98
69) o-Xylene	12.400	106	59633	16.210	ug/l	94
70) Styrene	12.412	104	105905	16.824	ug/l	99
71) Bromoform	12.576	173	25312	18.244	ug/l #	96
73) Isopropylbenzene	12.694	105	153326	15.438	ug/l	100
74) N-amyl acetate	12.547	43	60000m	17.288	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	57845	17.192	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	62582m	19.311	ug/l	
77) Bromobenzene	12.976	156	37459	16.446	ug/l	97
78) n-propylbenzene	13.029	91	193446	16.027	ug/l	98
79) 2-Chlorotoluene	13.123	91	114785	15.858	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	125581	15.315	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	23133	16.432	ug/l	94
82) 4-Chlorotoluene	13.218	91	119357	16.296	ug/l	99
83) tert-Butylbenzene	13.435	119	108390	14.440	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	128097	15.578	ug/l	99
85) sec-Butylbenzene	13.612	105	160425	14.717	ug/l	100
86) p-Isopropyltoluene	13.729	119	140670	15.611	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	75945	16.947	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	76819	16.813	ug/l	98
89) n-Butylbenzene	14.053	91	123188	14.114	ug/l	99
90) Hexachloroethane	14.329	117	24311	15.917	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	71416	16.587	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13738	17.073	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	40099	14.585	ug/l	98
94) Hexachlorobutadiene	15.500	225	13119	12.808	ug/l	96
95) Naphthalene	15.635	128	152078	14.861	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	36828	13.482	ug/l	99

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

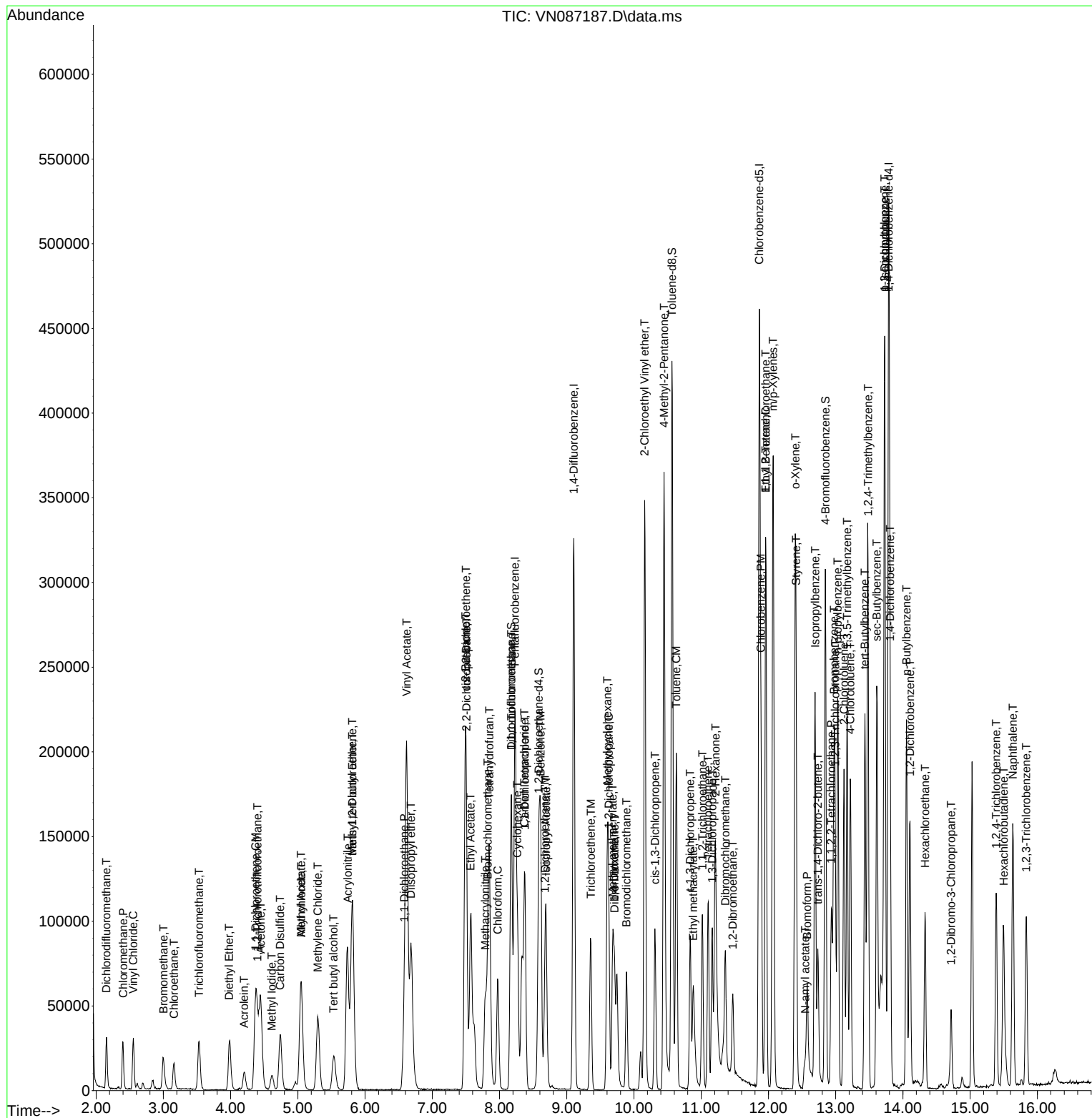
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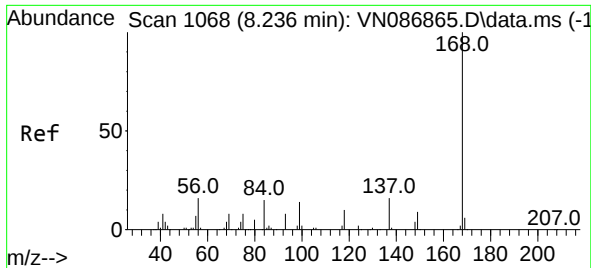
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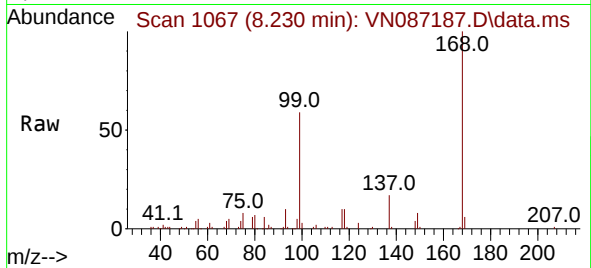
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087187.D
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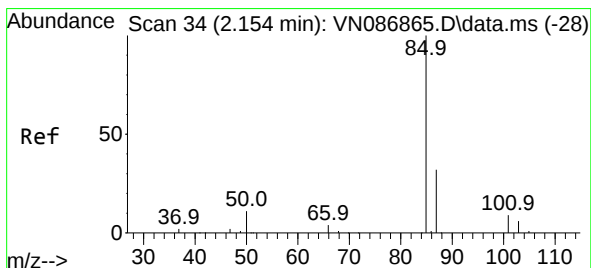
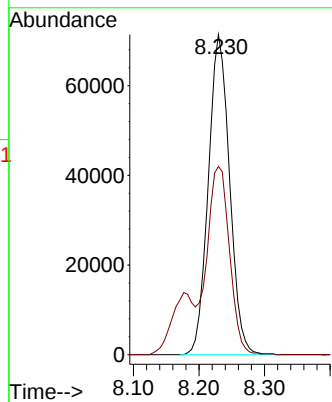
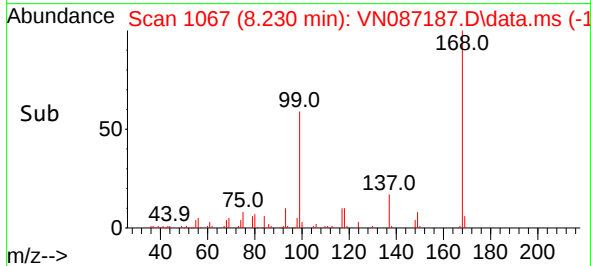
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion:168 Resp: 16058
Ion Ratio Lower Upper
168 100
99 58.9 49.1 73.7

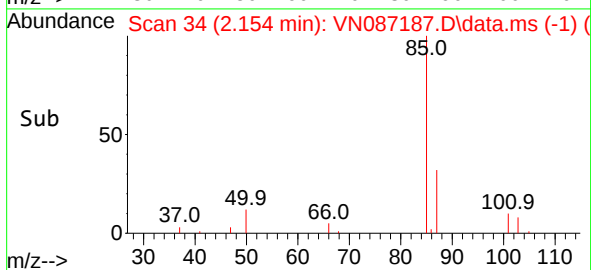
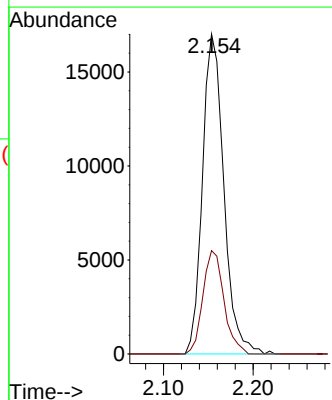
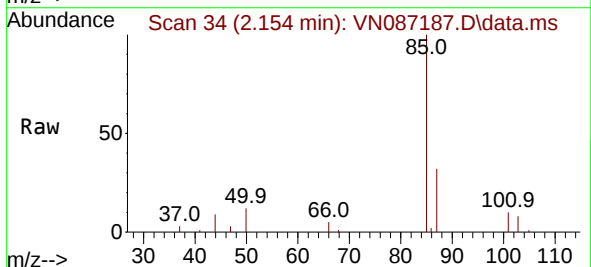
Manual Integrations
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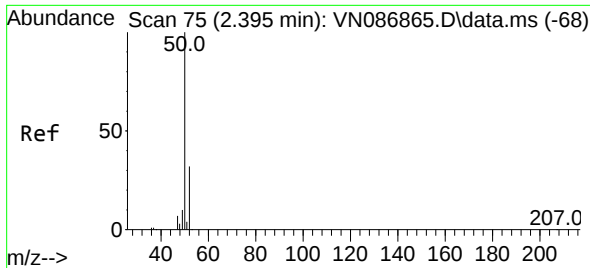
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#2
Dichlorodifluoromethane
Concen: 17.574 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

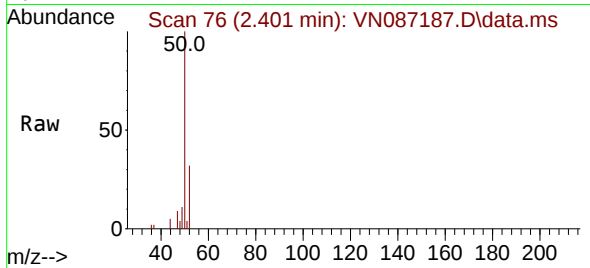
Tgt Ion: 85 Resp: 28138
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.6





#3
Chloromethane
Concen: 13.891 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

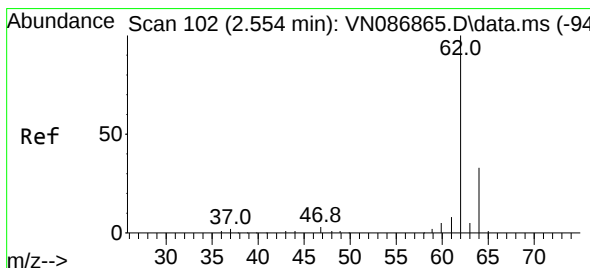
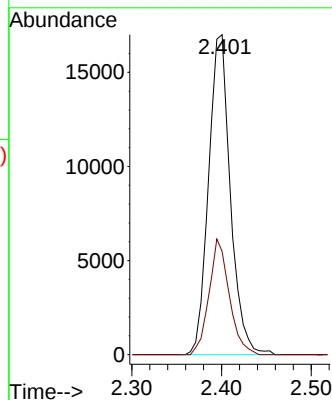
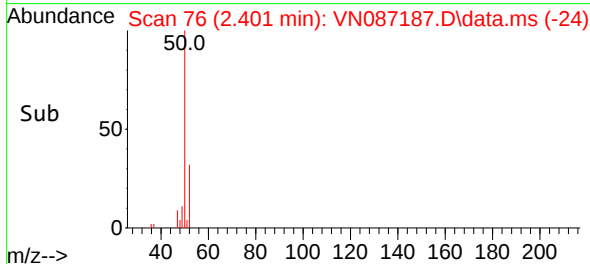
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 28720
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5

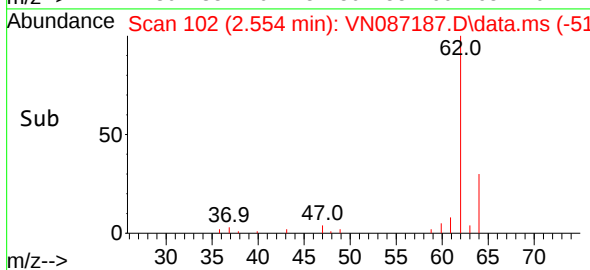
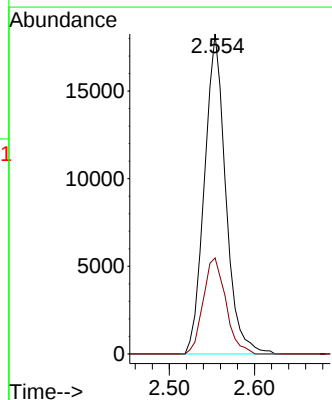
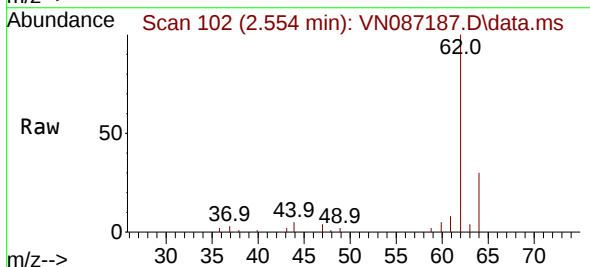
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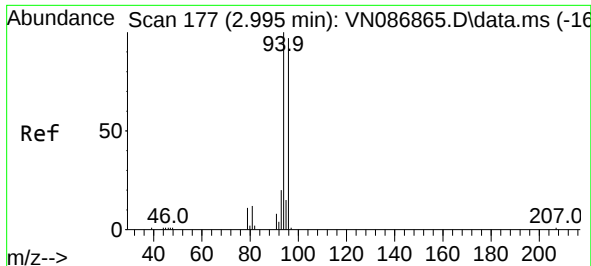
Reviewed By :John Carlone 06/27/2025
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#4
Vinyl Chloride
Concen: 14.838 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

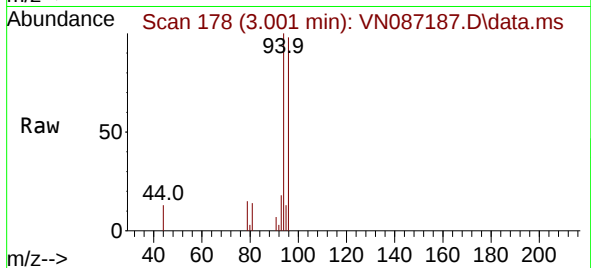
Tgt Ion: 62 Resp: 31645
Ion Ratio Lower Upper
62 100
64 30.0 26.0 39.0





#5
Bromomethane
Concen: 13.251 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087187.D
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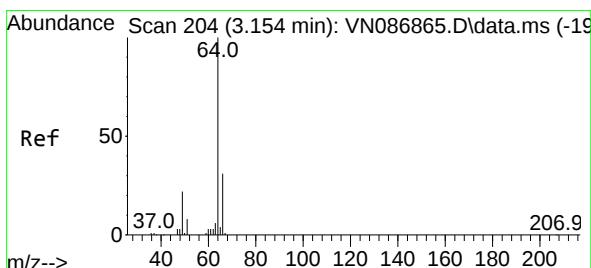
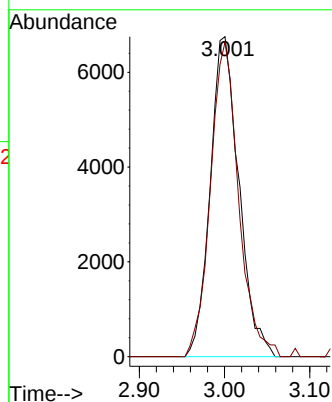
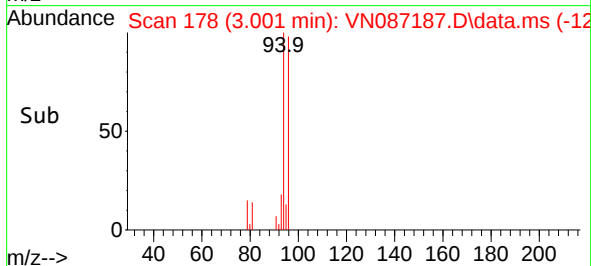
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Tgt Ion: 94 Resp: 1581
Ion Ratio Lower Upper
94 100
96 98.3 77.9 116.9

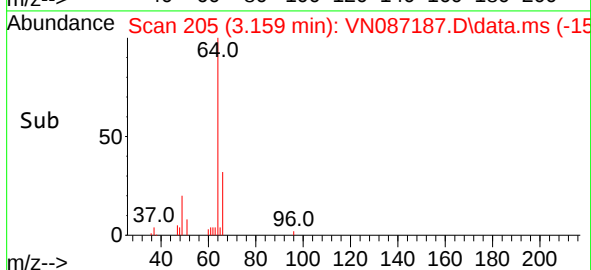
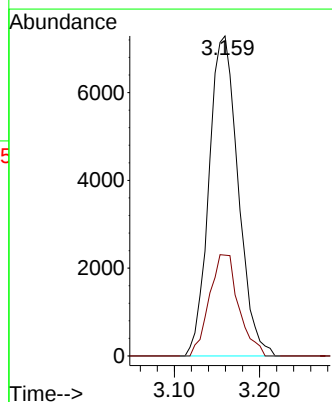
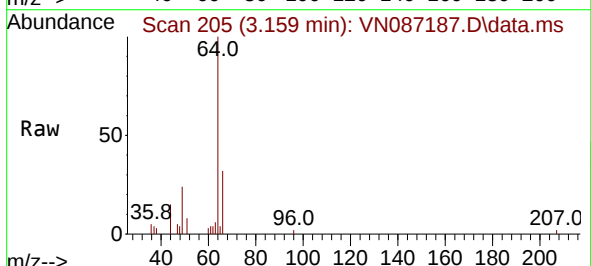
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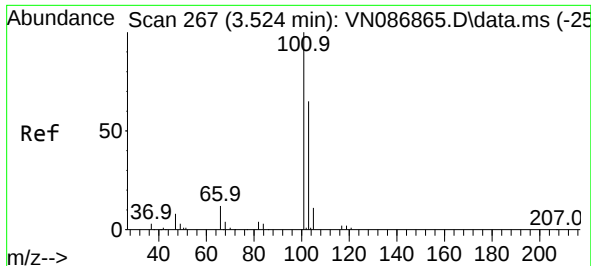
Reviewed By :John Carlone 06/27/2025
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#6
Chloroethane
Concen: 12.602 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

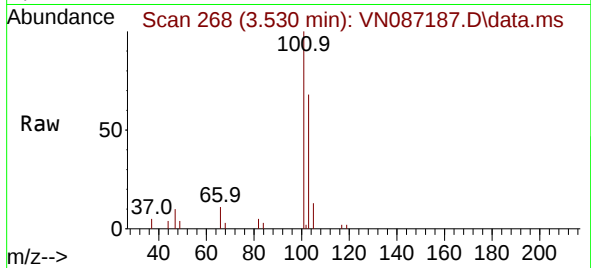
Tgt Ion: 64 Resp: 17361
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 12.422 ug/l
 RT: 3.530 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087187.D
 Acq: 26 Jun 2025 12:22

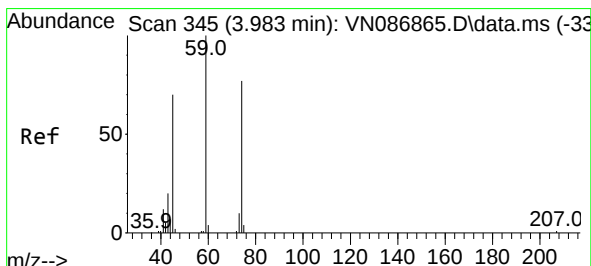
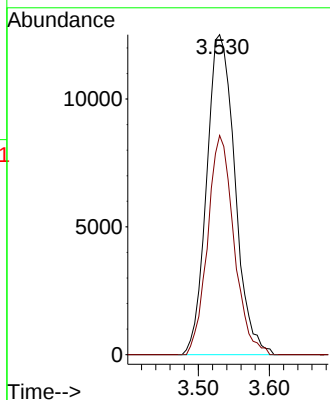
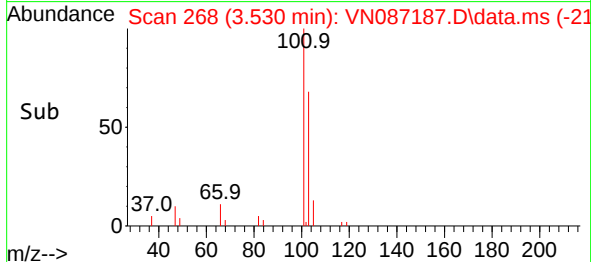
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Tgt Ion:101 Resp: 34614
 Ion Ratio Lower Upper
 101 100
 103 68.5 52.2 78.2

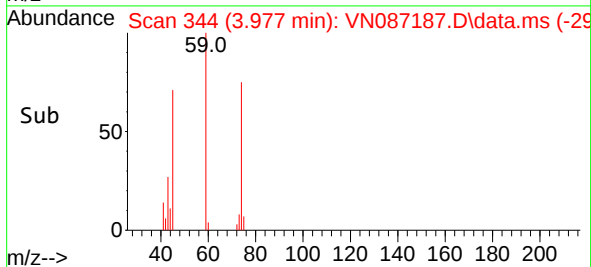
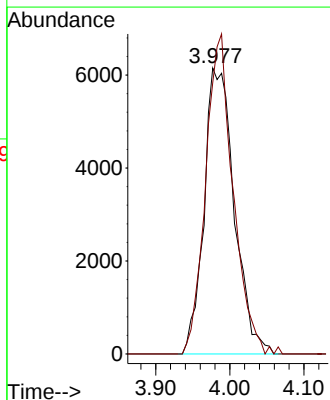
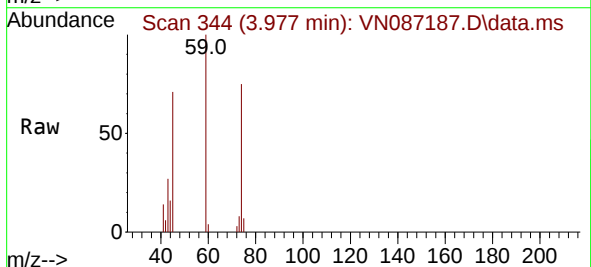
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#8
 Diethyl Ether
 Concen: 14.361 ug/l
 RT: 3.977 min Scan# 344
 Delta R.T. -0.006 min
 Lab File: VN087187.D
 Acq: 26 Jun 2025 12:22

Tgt Ion: 74 Resp: 17435
 Ion Ratio Lower Upper
 74 100
 45 102.1 45.5 136.5





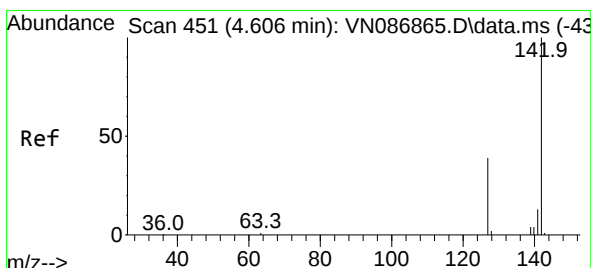
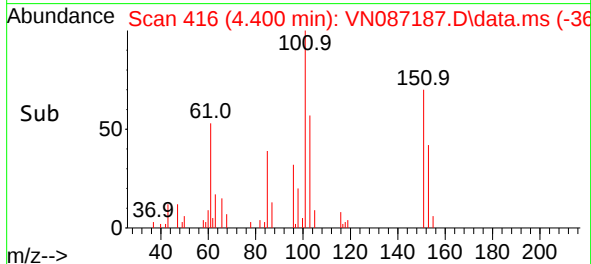
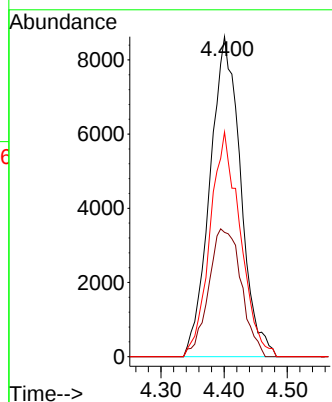
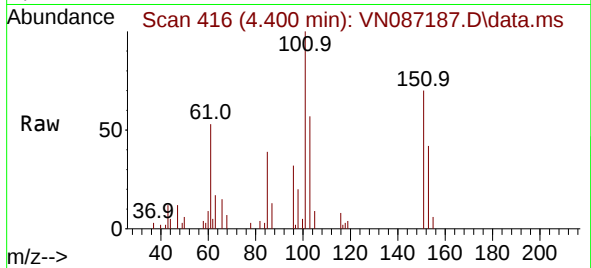
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.602 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01

Tgt Ion:101 Resp: 2906
Ion Ratio Lower Upper
101 100
85 42.6 33.8 50.8
151 69.3 58.7 88.1

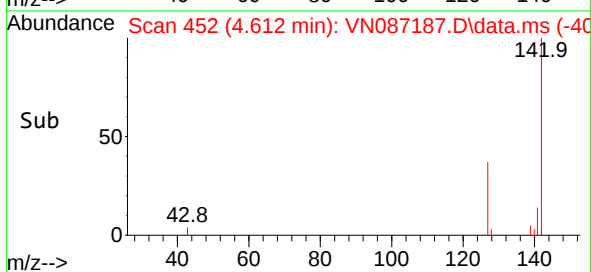
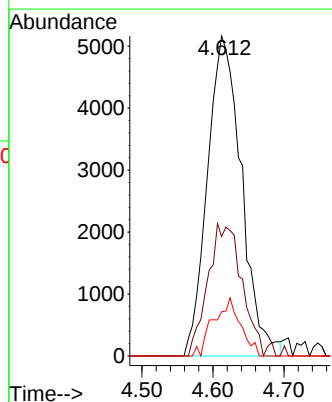
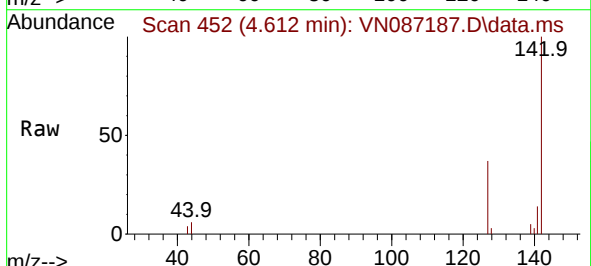
Manual Integrations
APPROVED

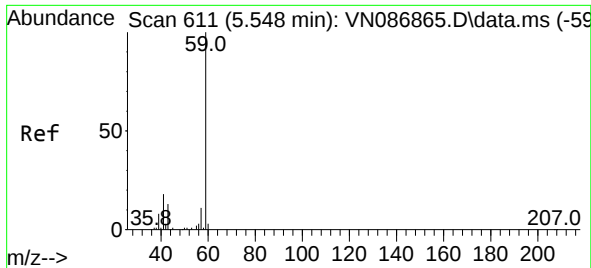
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#10
Methyl Iodide
Concen: 7.577 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

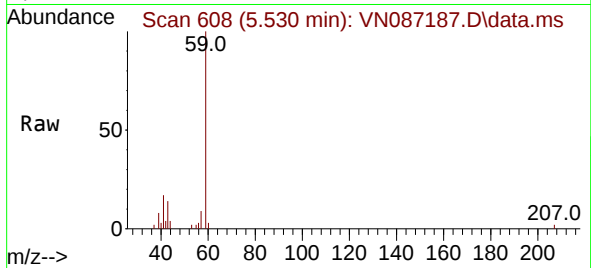
Tgt Ion:142 Resp: 17196
Ion Ratio Lower Upper
142 100
127 37.3 30.9 46.3
141 13.8 10.4 15.6





#11
Tert butyl alcohol
Concen: 73.956 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

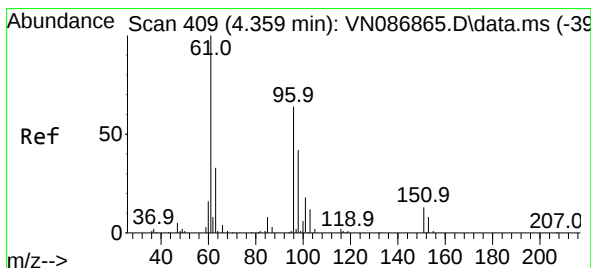
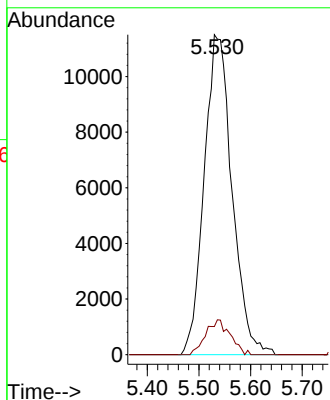
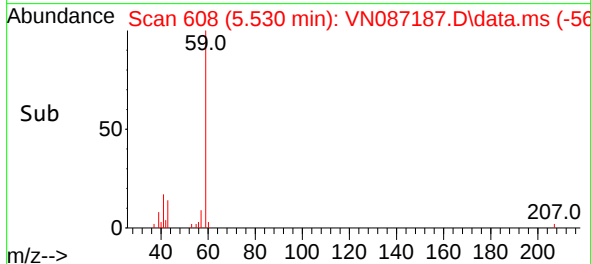
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



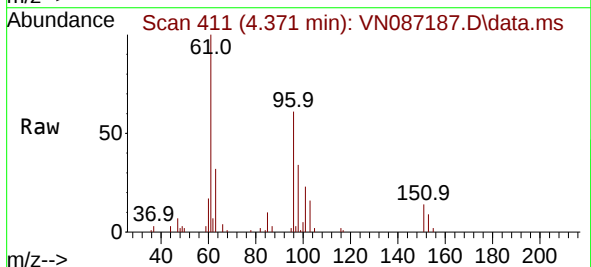
Tgt Ion: 59 Resp: 43145
Ion Ratio Lower Upper
59 100
57 9.5 8.1 12.1

Manual Integrations
APPROVED

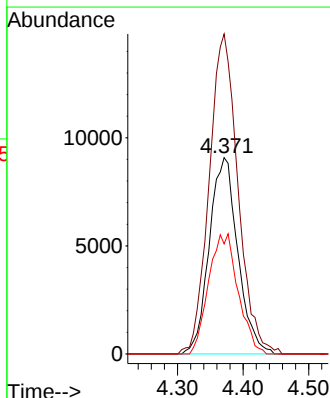
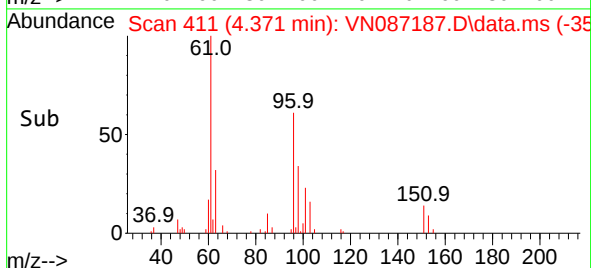
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

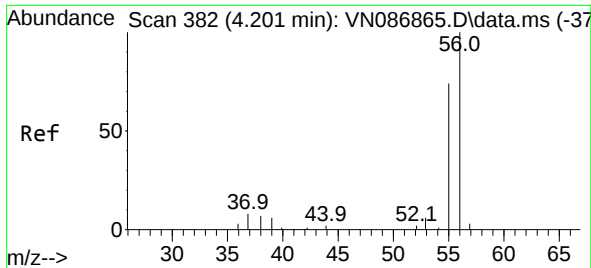


#12
1,1-Dichloroethene
Concen: 15.356 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22



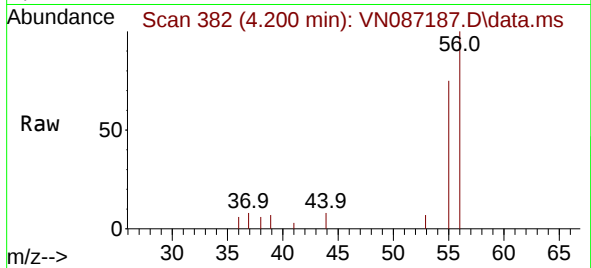
Tgt Ion: 96 Resp: 27447
Ion Ratio Lower Upper
96 100
61 163.0 125.8 188.6
98 56.1 52.5 78.7





#13
Acrolein
Concen: 79.968 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

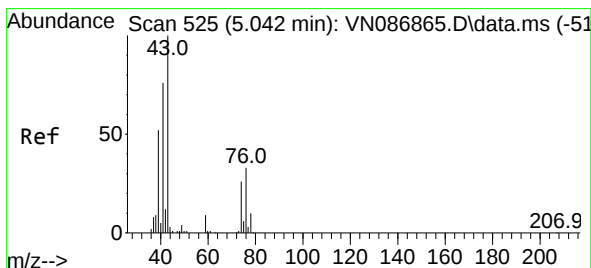
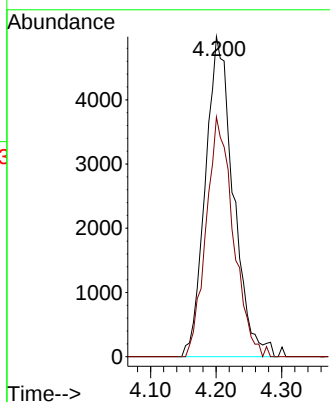
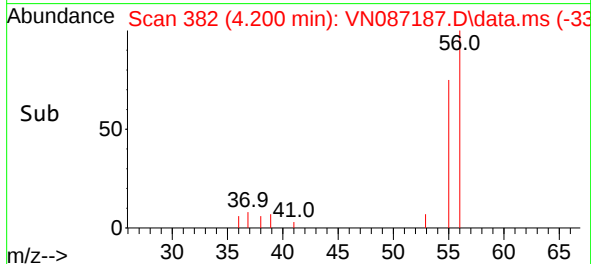
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion: 56 Resp: 1476
Ion Ratio Lower Upper
56 100
55 72.7 55.6 83.4

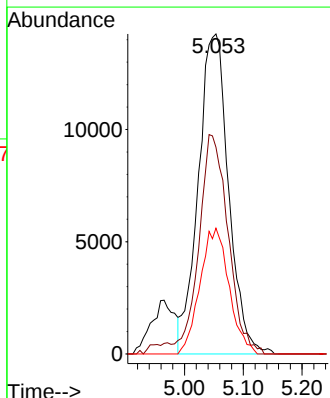
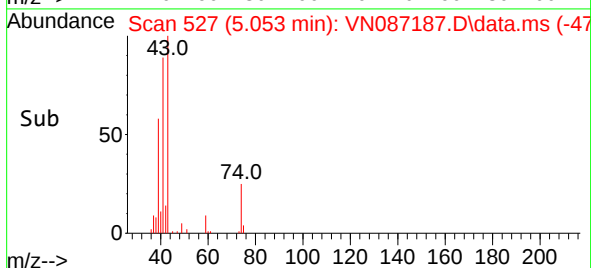
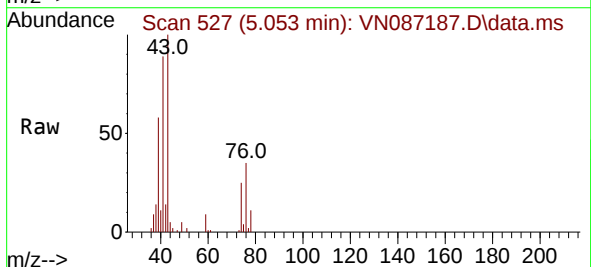
Manual Integrations
APPROVED

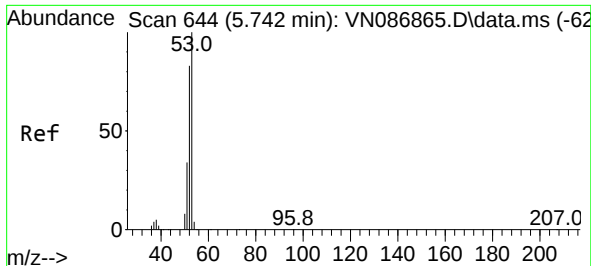
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#14
Allyl chloride
Concen: 17.236 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.012 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

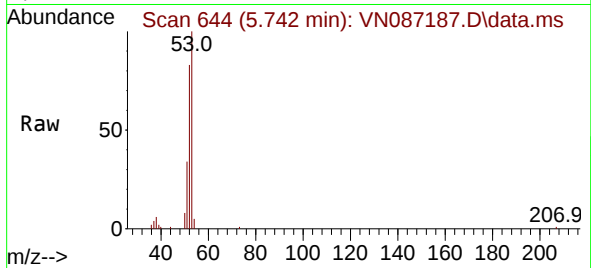
Tgt Ion: 41 Resp: 51090
Ion Ratio Lower Upper
41 100
39 65.9 51.3 76.9
76 37.6 31.4 47.0





#15
Acrylonitrile
Concen: 86.108 ug/l
RT: 5.742 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

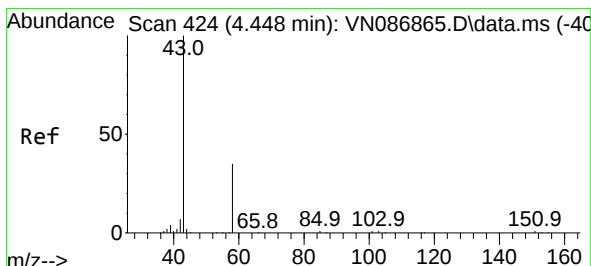
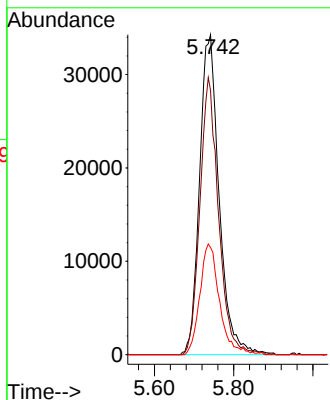
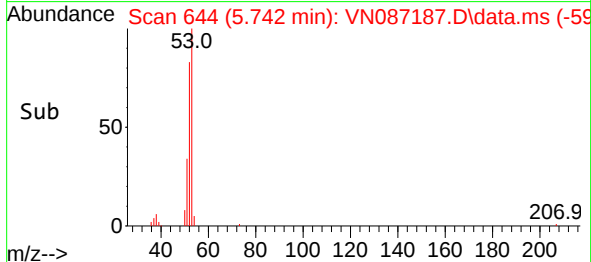
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



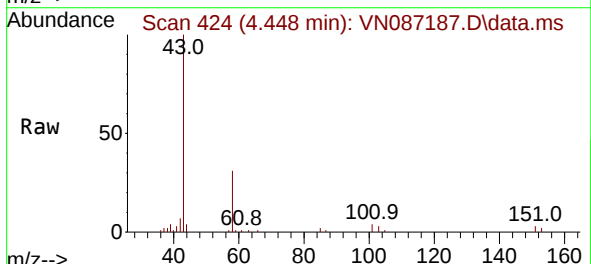
Tgt Ion: 53 Resp: 117415
Ion Ratio Lower Upper
53 100
52 82.4 65.0 97.6
51 34.7 27.2 40.8

Manual Integrations
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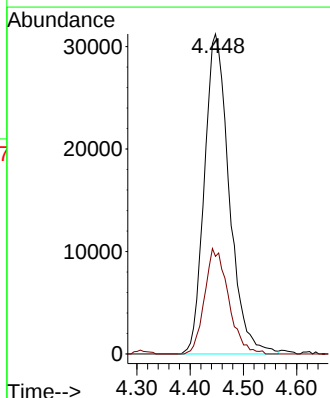
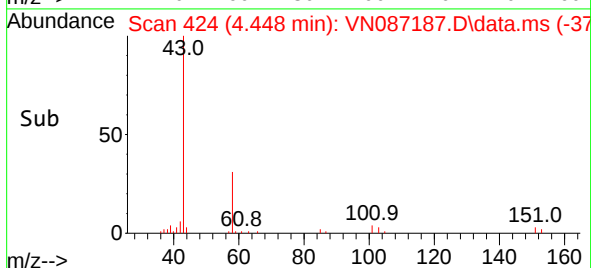
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#16
Acetone
Concen: 88.614 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22



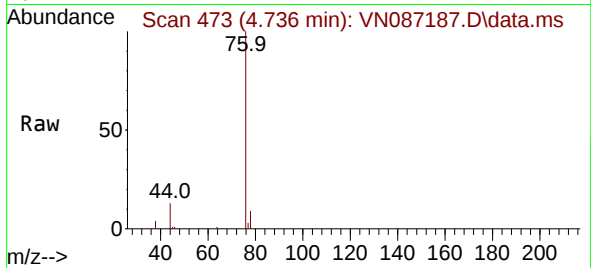
Tgt Ion: 43 Resp: 101035
Ion Ratio Lower Upper
43 100
58 30.5 28.0 42.0





#17
Carbon Disulfide
Concen: 16.390 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

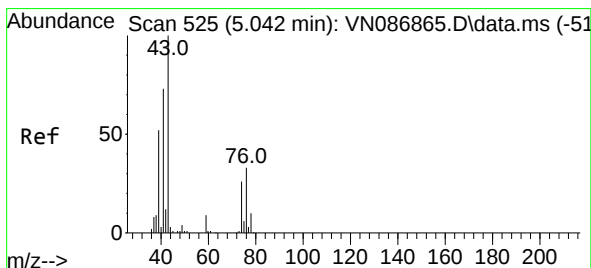
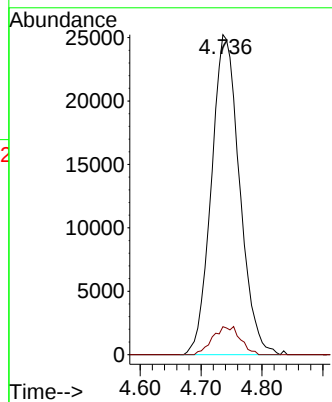
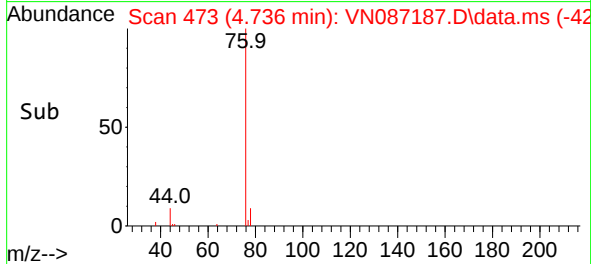
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion: 76 Resp: 8103
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

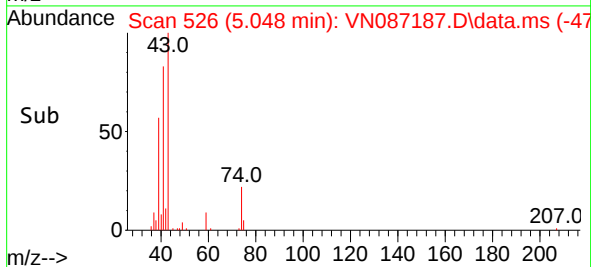
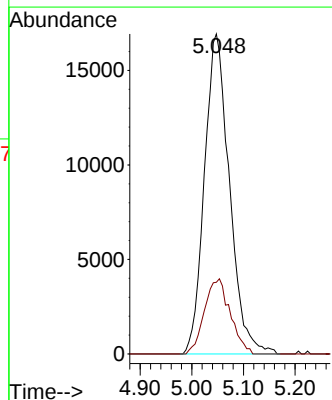
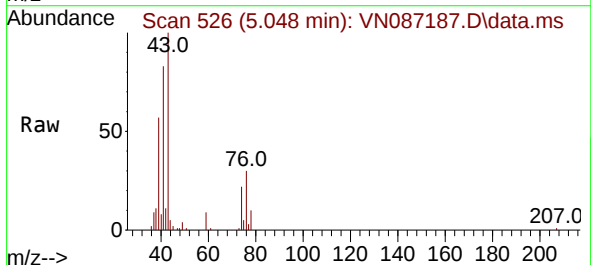
Manual Integrations
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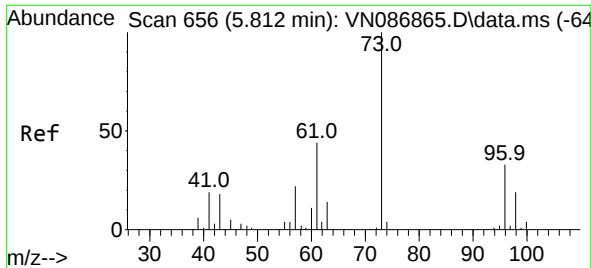
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#18
Methyl Acetate
Concen: 17.154 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Tgt Ion: 43 Resp: 56995
Ion Ratio Lower Upper
43 100
74 24.1 20.7 31.1





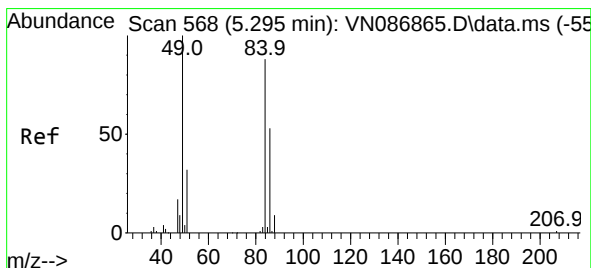
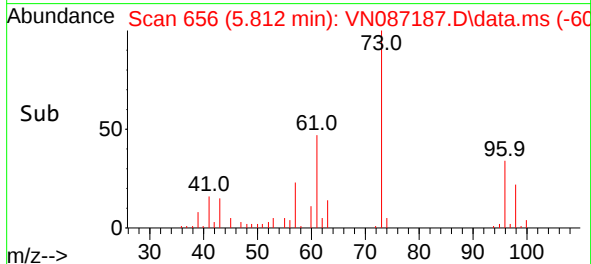
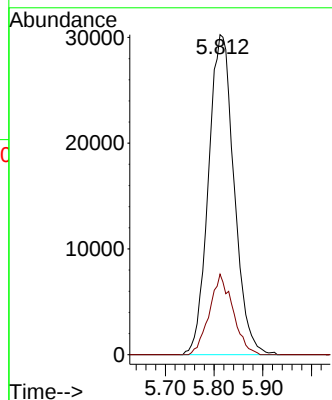
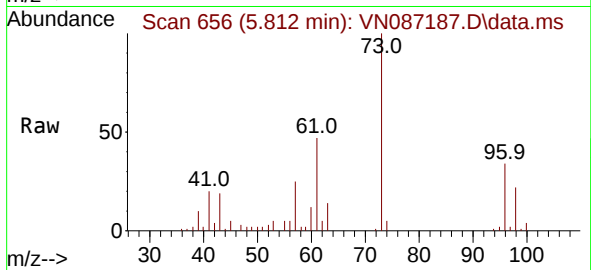
#19
Methyl tert-butyl Ether
Concen: 17.090 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01

Tgt Ion: 73 Resp: 110598
Ion Ratio Lower Upper
73 100
57 25.1 17.4 26.2

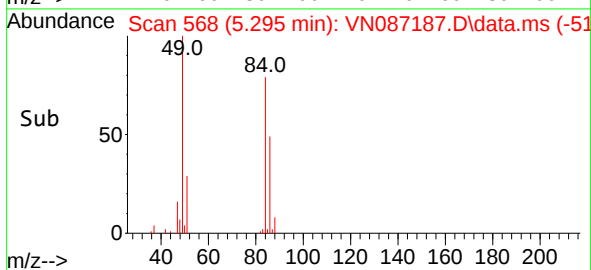
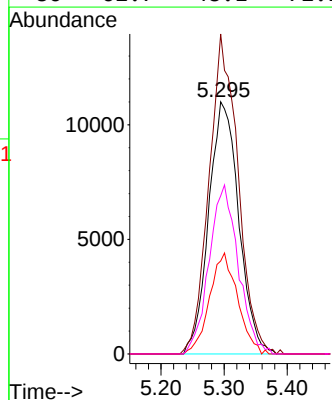
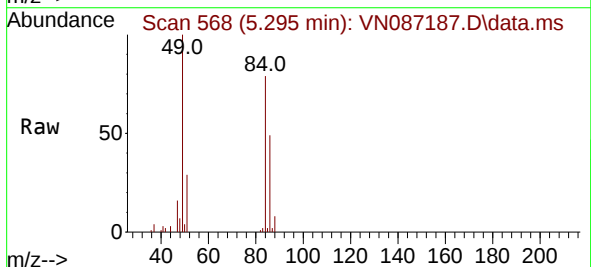
Manual Integrations
APPROVED

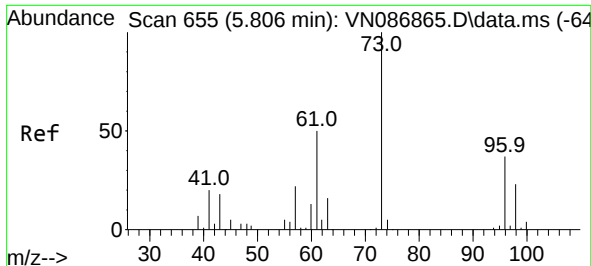
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#20
Methylene Chloride
Concen: 17.064 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

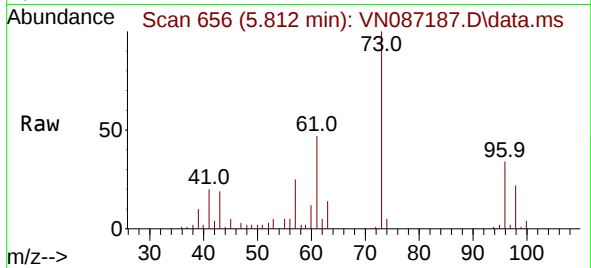
Tgt Ion: 84 Resp: 36425
Ion Ratio Lower Upper
84 100
49 126.9 90.5 135.7
51 36.9 28.5 42.7
86 62.7 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 16.974 ug/l
RT: 5.812 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

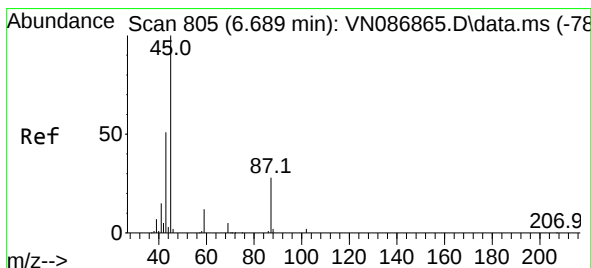
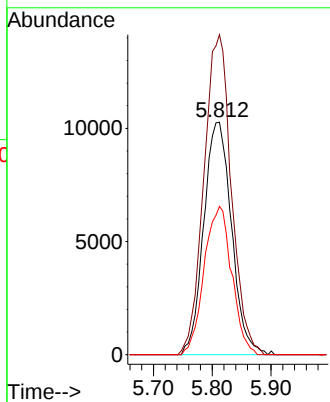
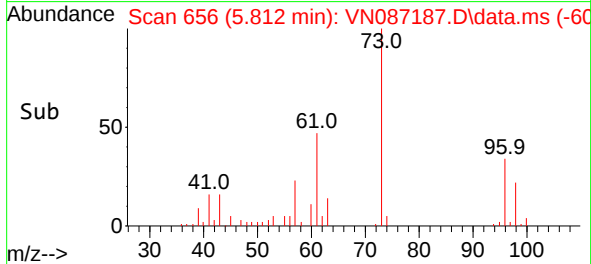
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



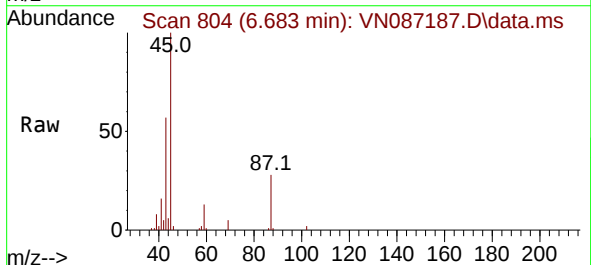
Tgt Ion: 96 Resp: 3375
Ion Ratio Lower Upper
96 100
61 137.6 109.2 163.8
98 63.8 49.8 74.8

Manual Integrations
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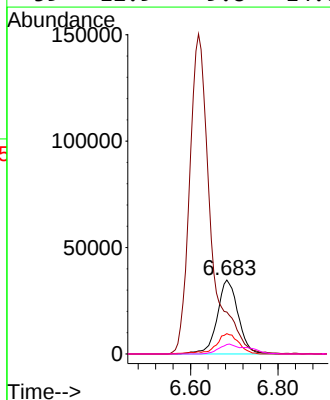
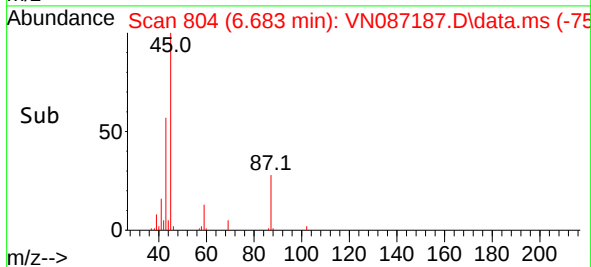
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#22
Diisopropyl ether
Concen: 18.343 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22



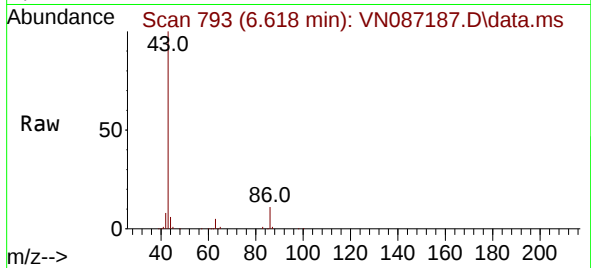
Tgt Ion: 45 Resp: 114613
Ion Ratio Lower Upper
45 100
43 55.7 41.9 62.9
87 27.6 22.4 33.6
59 12.9 9.8 14.6





#23
 Vinyl Acetate
 Concen: 94.368 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087187.D
 Acq: 26 Jun 2025 12:22

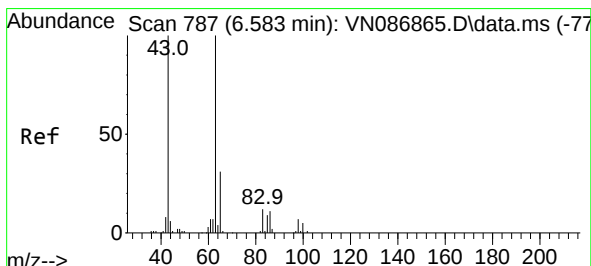
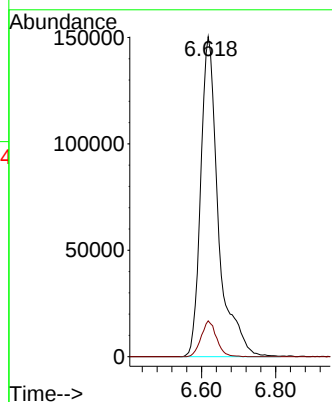
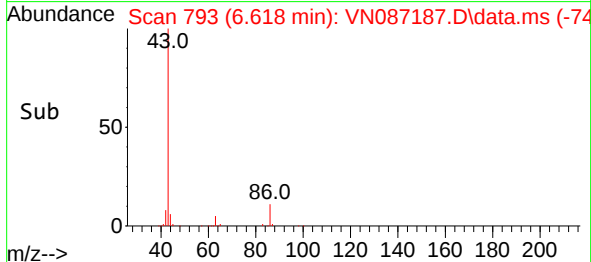
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD01



Tgt Ion: 43 Resp: 498170
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.5 14.3

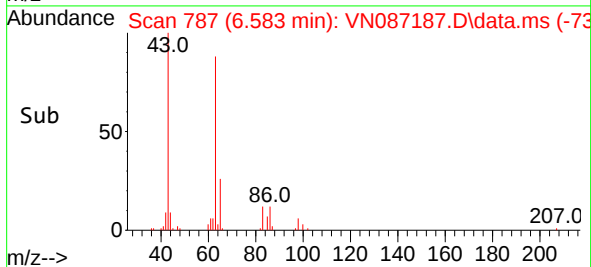
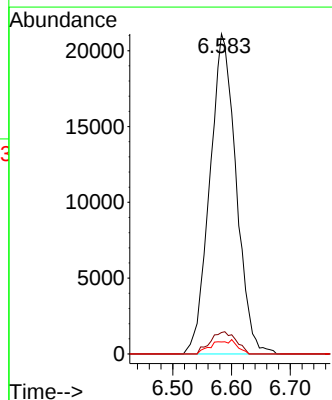
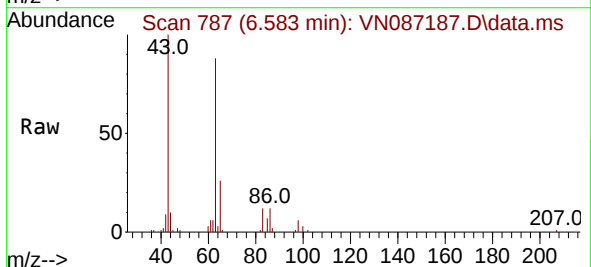
Manual Integrations
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Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#24
 1,1-Dichloroethane
 Concen: 18.275 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087187.D
 Acq: 26 Jun 2025 12:22

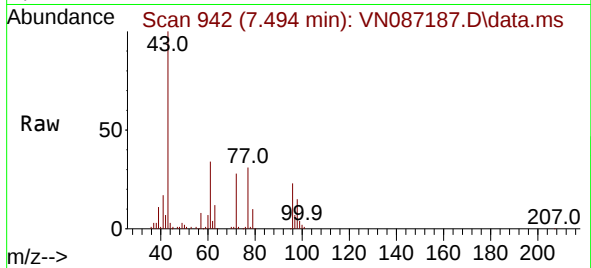
Tgt Ion: 63 Resp: 65713
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.8
 100 3.8 2.6 7.8





#25
2-Butanone
Concen: 86.945 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

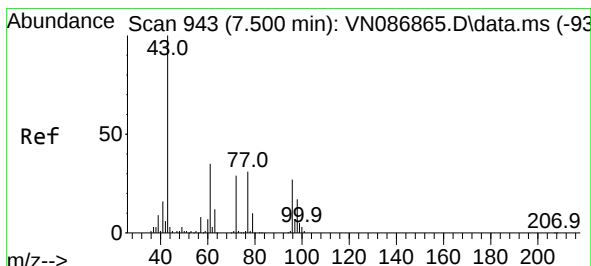
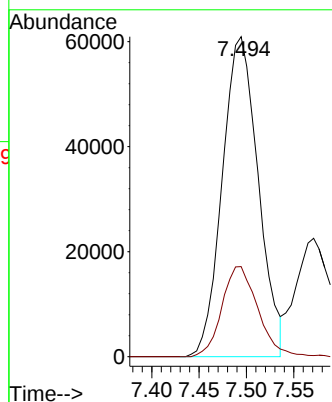
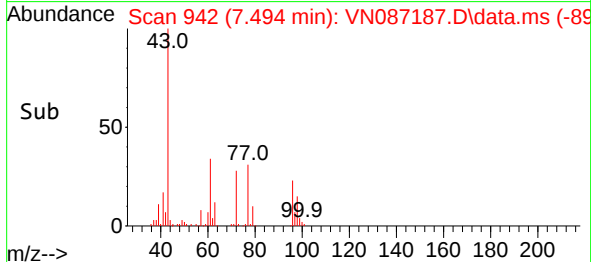
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



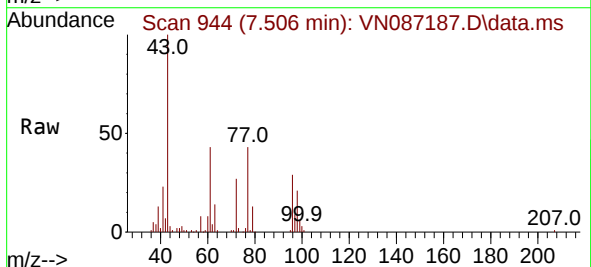
Tgt Ion: 43 Resp: 16113
Ion Ratio Lower Upper
43 100
72 28.1 23.0 34.6

Manual Integrations
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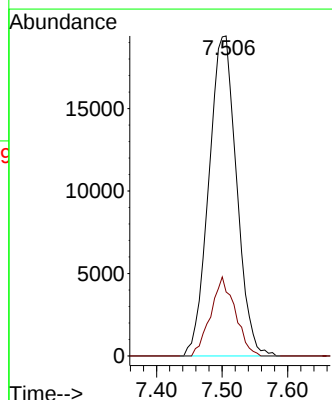
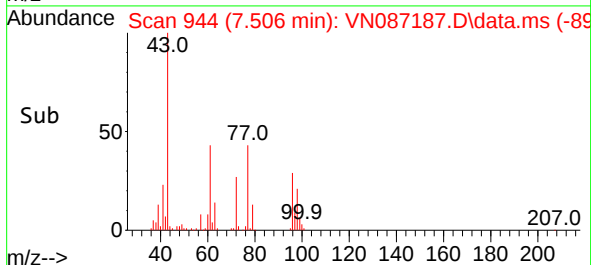
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#26
2,2-Dichloropropane
Concen: 20.371 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22



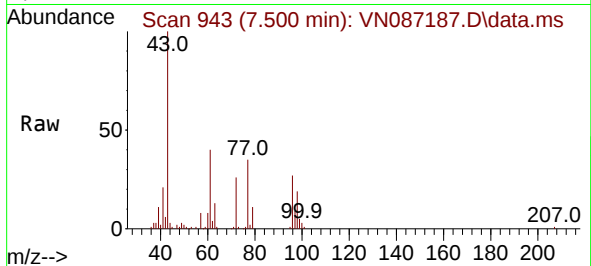
Tgt Ion: 77 Resp: 56979
Ion Ratio Lower Upper
77 100
97 21.9 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 17.208 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087187.D
 Acq: 26 Jun 2025 12:22

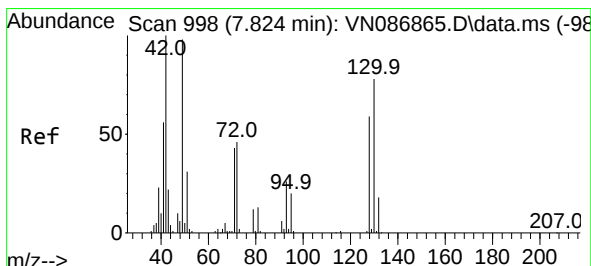
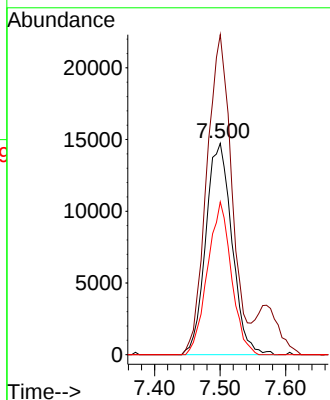
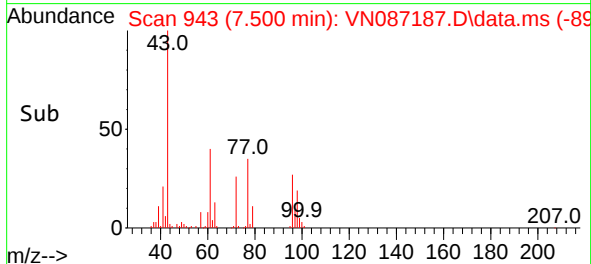
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD01



Tgt Ion: 96 Resp: 40925
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 278.0
 98 65.7 0.0 128.2

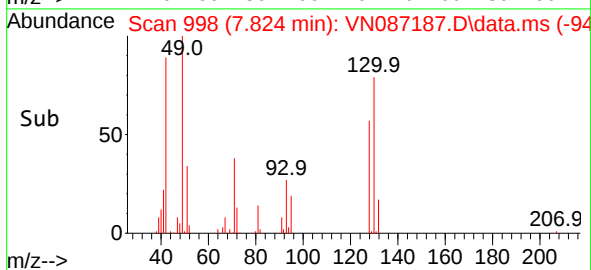
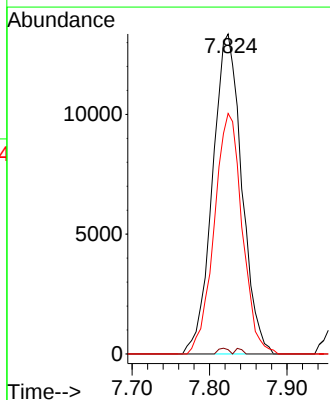
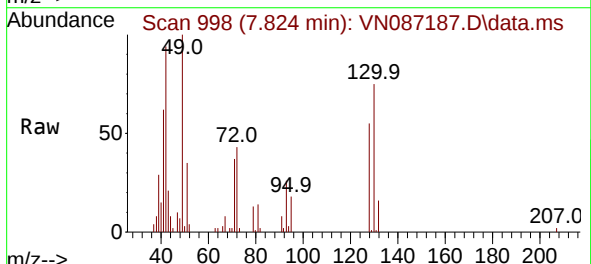
Manual Integrations
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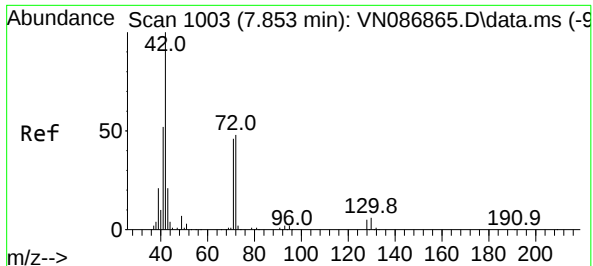
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#28
 Bromochloromethane
 Concen: 19.843 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087187.D
 Acq: 26 Jun 2025 12:22

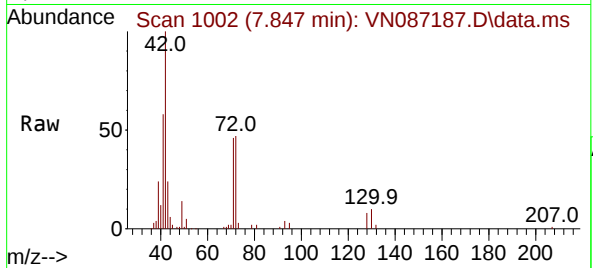
Tgt Ion: 49 Resp: 35082
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 3.8
 130 71.9 62.2 93.2





#29
Tetrahydrofuran
Concen: 85.934 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

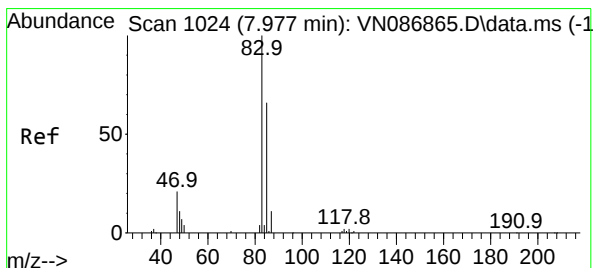
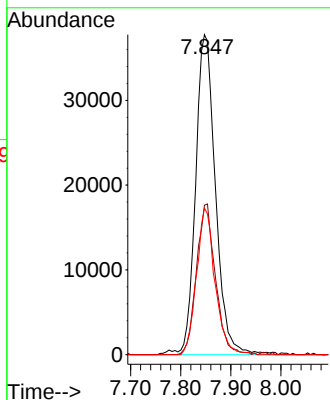
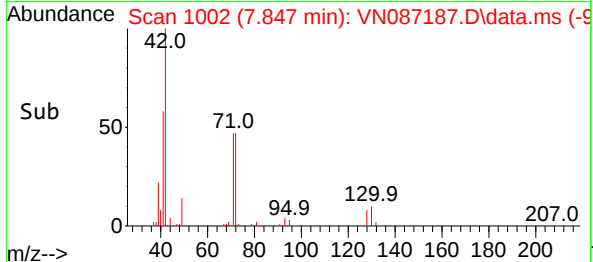
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion: 42 Resp: 103748
Ion Ratio Lower Upper
42 100
72 45.0 37.8 56.6
71 43.0 35.6 53.4

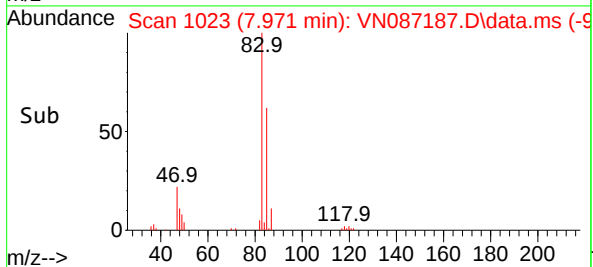
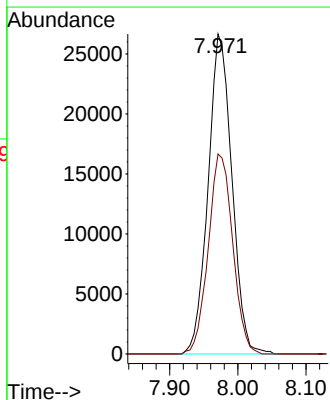
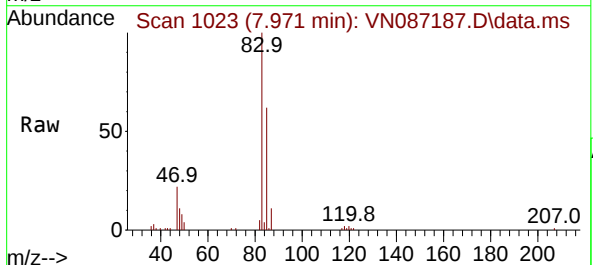
Manual Integrations
APPROVED

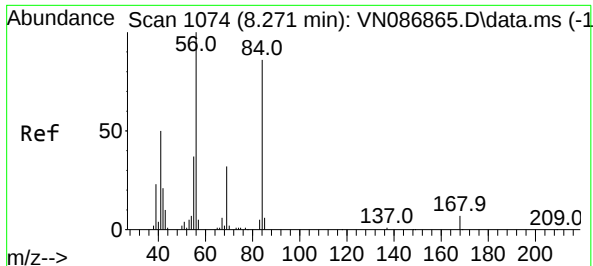
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#30
Chloroform
Concen: 18.064 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

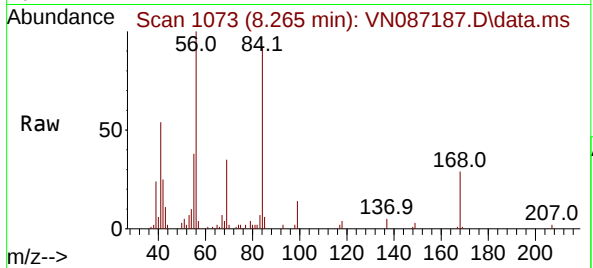
Tgt Ion: 83 Resp: 64866
Ion Ratio Lower Upper
83 100
85 62.5 52.9 79.3





#31
Cyclohexane
Concen: 16.983 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

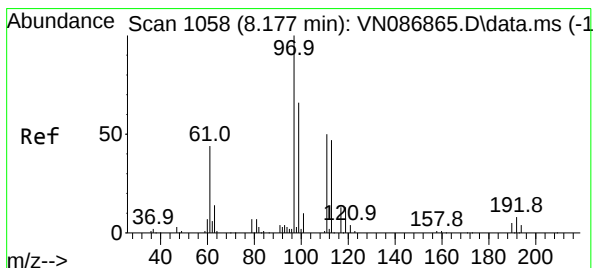
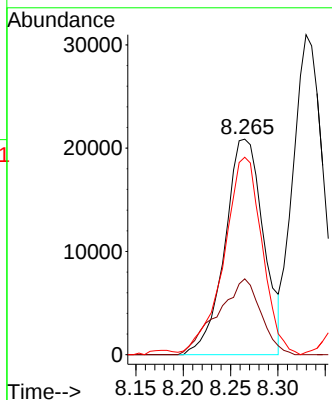
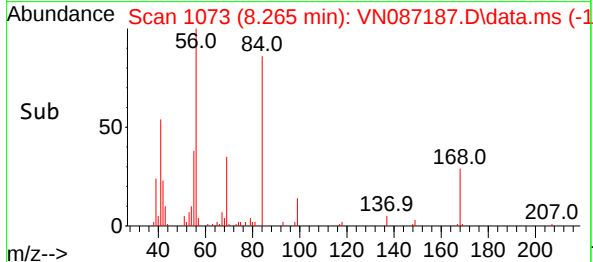
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion: 56 Resp: 59220
Ion Ratio Lower Upper
56 100
69 35.2 25.4 38.0
84 90.5 68.8 103.2

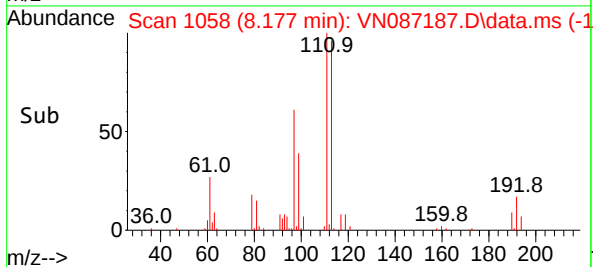
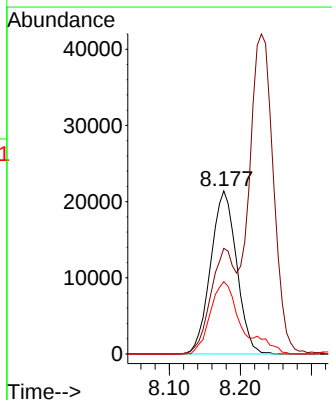
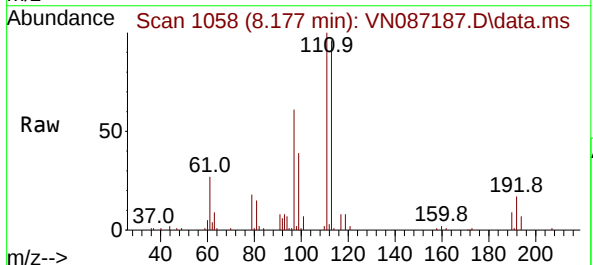
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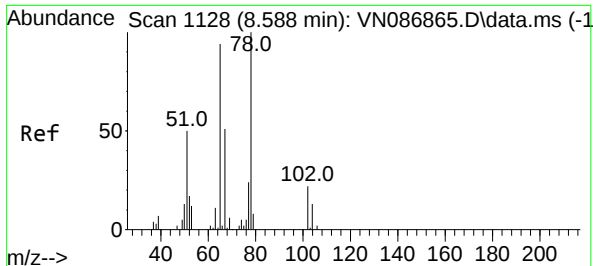
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#32
1,1,1-Trichloroethane
Concen: 17.739 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Tgt Ion: 97 Resp: 54179
Ion Ratio Lower Upper
97 100
99 60.2 52.0 78.0
61 46.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 48.688 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087187.D

Acq: 26 Jun 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD01

Tgt Ion: 65 Resp: 104679

Ion Ratio Lower Upper

65 100

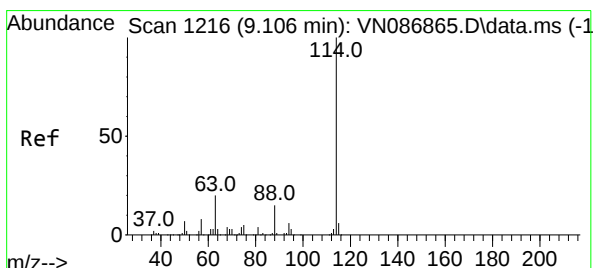
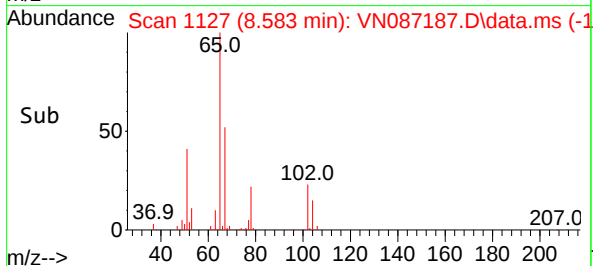
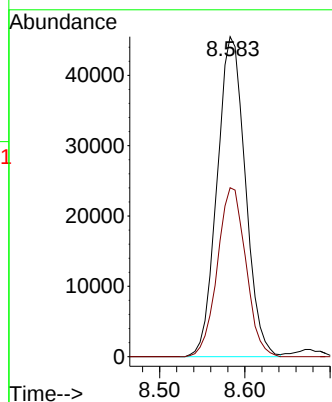
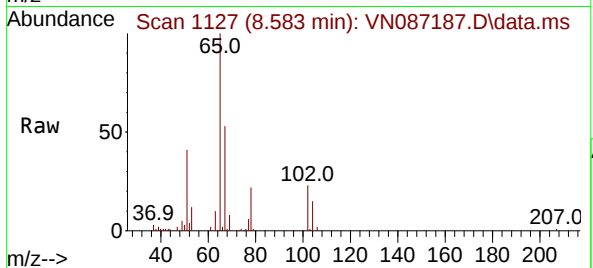
67 53.1 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087187.D

Acq: 26 Jun 2025 12:22

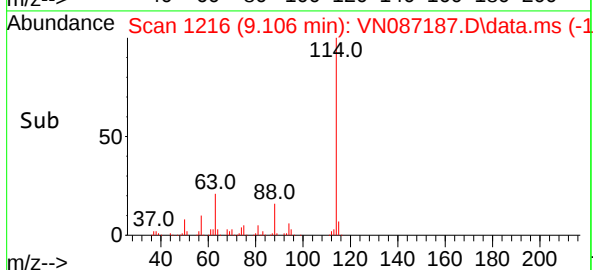
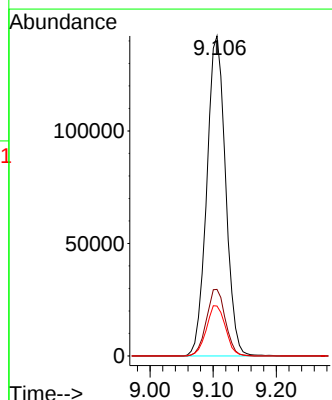
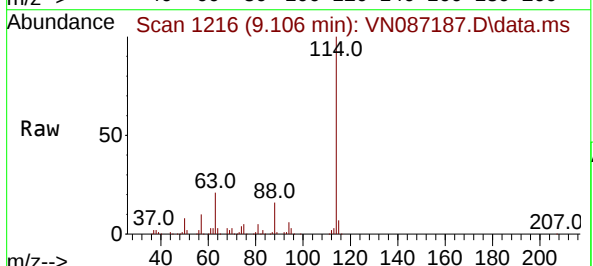
Tgt Ion:114 Resp: 293263

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.6

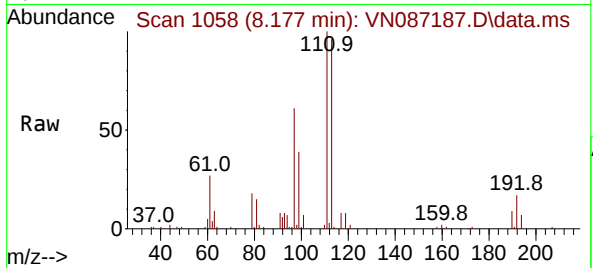
88 15.6 0.0 30.2





#35
Dibromofluoromethane
Concen: 48.409 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

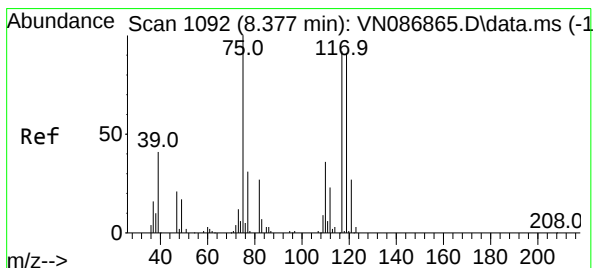
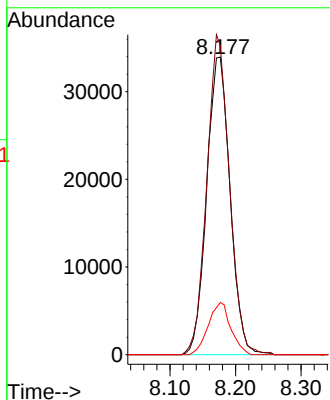
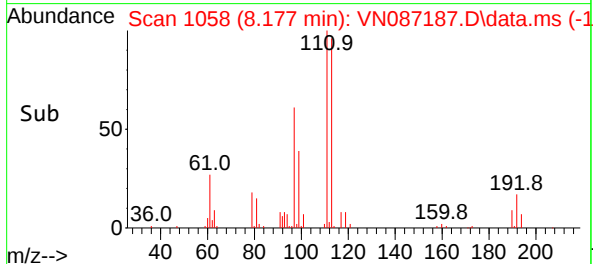
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion: 113 Resp: 8413
Ion Ratio Lower Upper
113 100
111 103.9 84.2 126.2
192 16.8 14.2 21.4

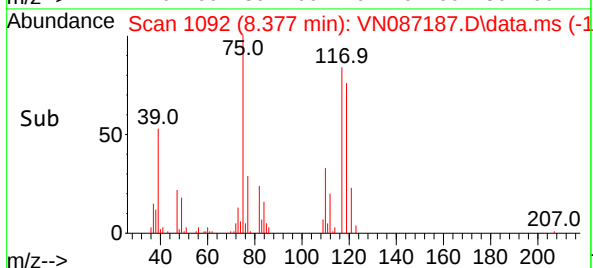
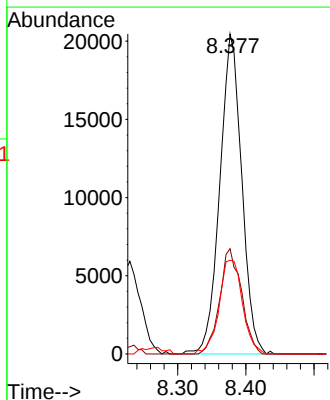
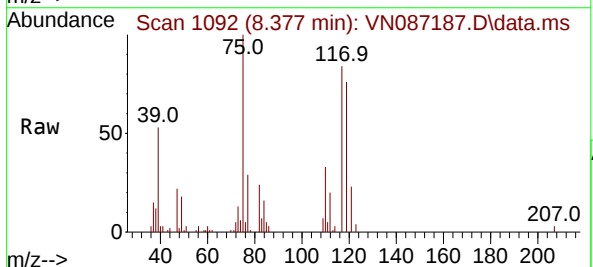
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#36
1,1-Dichloropropene
Concen: 17.683 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

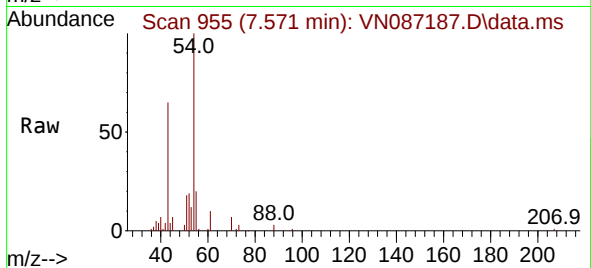
Tgt Ion: 75 Resp: 45794
Ion Ratio Lower Upper
75 100
110 32.7 17.6 52.9
77 31.4 25.3 37.9





#37
Ethyl Acetate
Concen: 18.549 ug/l
RT: 7.571 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

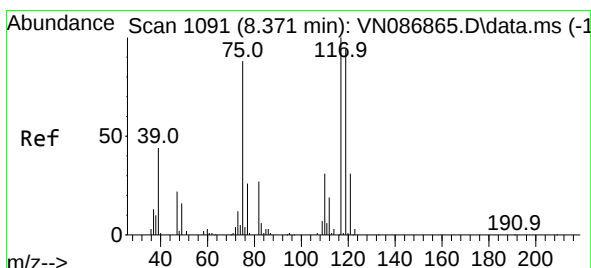
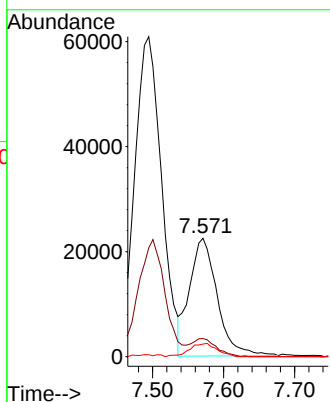
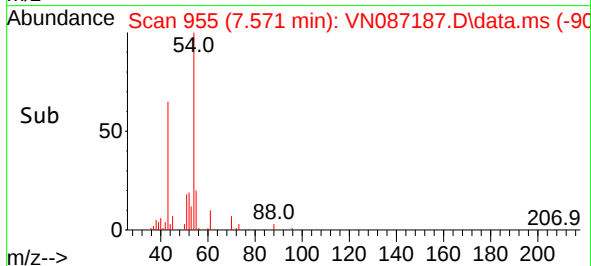
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion: 43 Resp: 61150
Ion Ratio Lower Upper
43 100
61 13.5 12.1 18.1
70 11.1 9.8 14.6

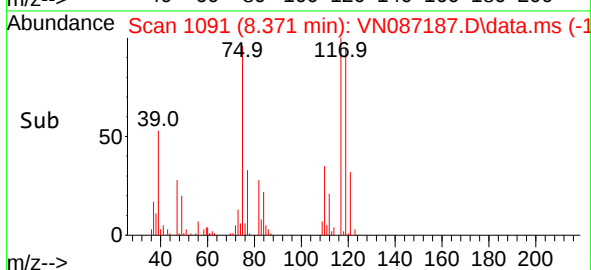
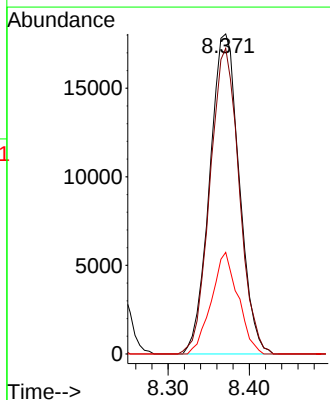
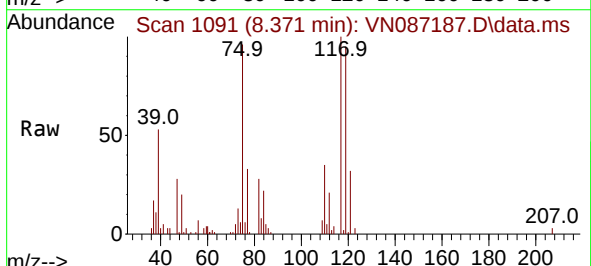
Manual Integrations
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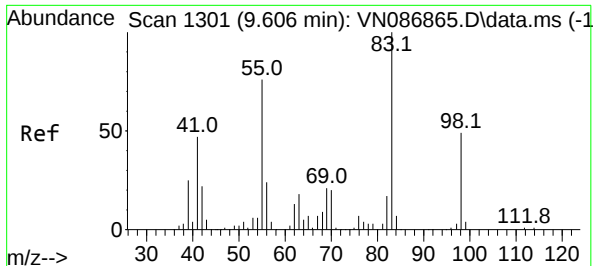
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#38
Carbon Tetrachloride
Concen: 17.969 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Tgt Ion:117 Resp: 45685
Ion Ratio Lower Upper
117 100
119 95.5 75.0 112.6
121 31.8 24.9 37.3





#39

Methylcyclohexane

Concen: 14.381 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. -0.000 min

Lab File: VN087187.D

Acq: 26 Jun 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD01

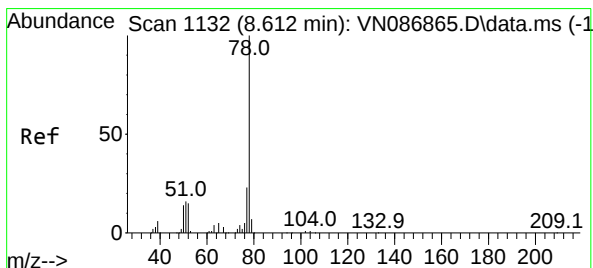
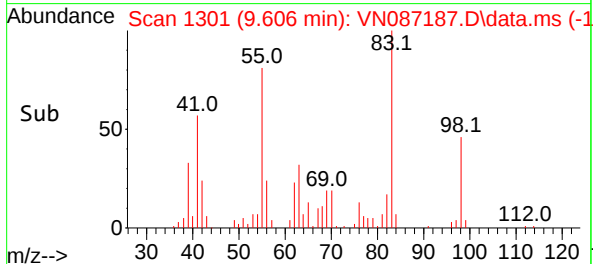
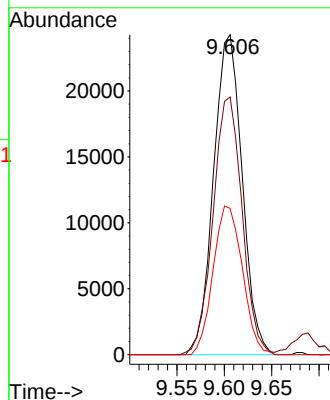
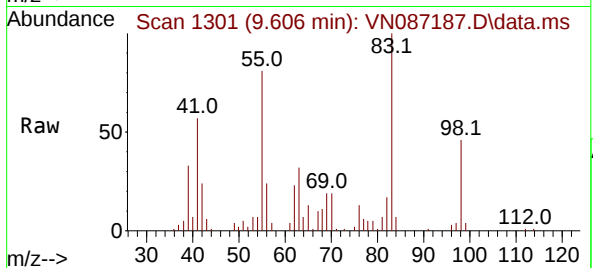
Tgt Ion: 83	Resp: 5102
Ion Ratio	Lower Upper
83	100
55	80.6 61.0 91.6
98	45.7 38.9 58.3

Manual Integrations

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Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#40

Benzene

Concen: 17.352 ug/l

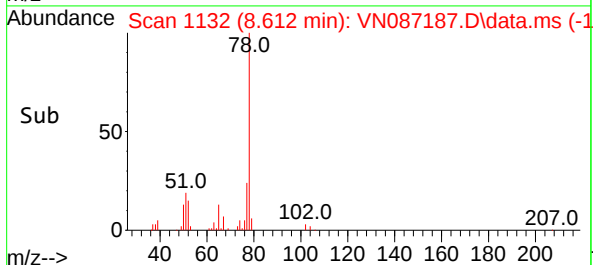
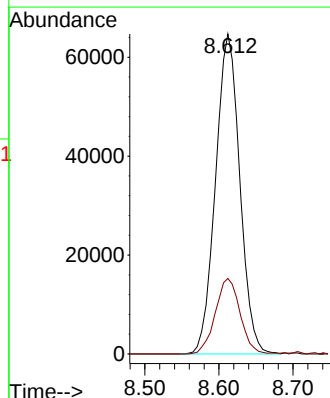
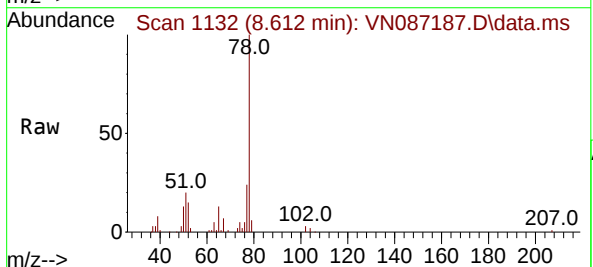
RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087187.D

Acq: 26 Jun 2025 12:22

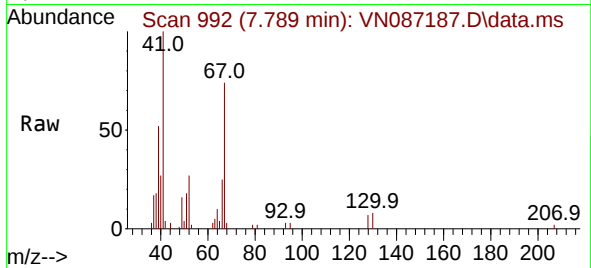
Tgt Ion: 78	Resp: 146941
Ion Ratio	Lower Upper
78	100
77	23.6 18.7 28.1





#41
Methacrylonitrile
Concen: 18.402 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

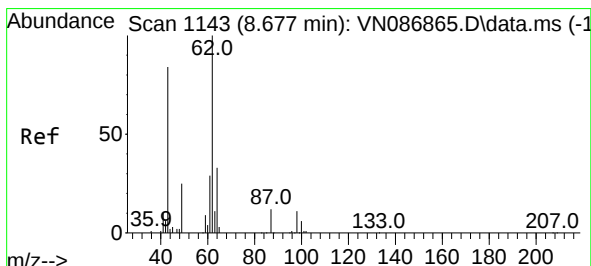
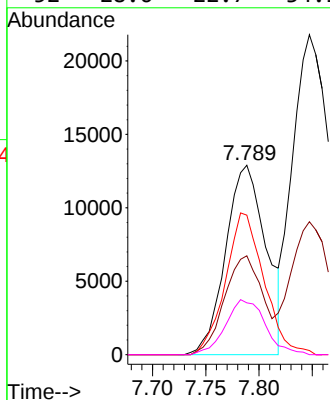
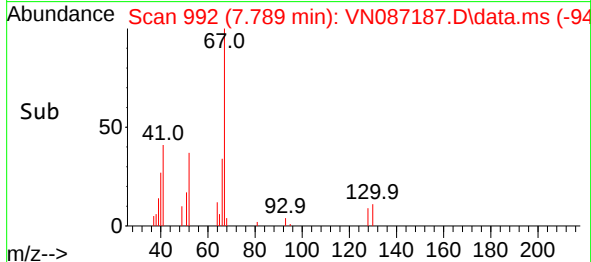
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion: 41 Resp: 34070
Ion Ratio Lower Upper
41 100
39 48.8 41.2 61.8
67 71.1 61.4 92.2
52 28.6 22.7 34.1

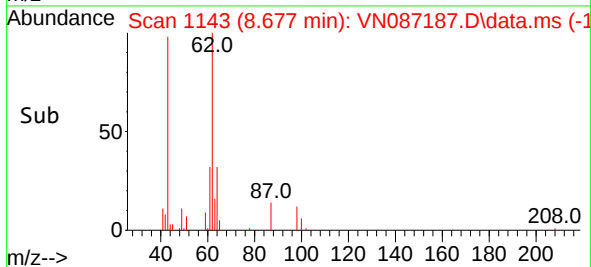
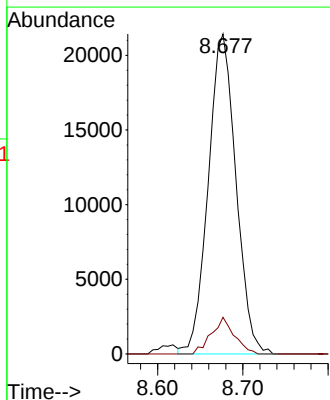
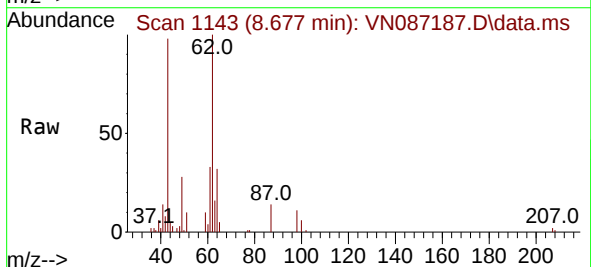
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#42
1,2-Dichloroethane
Concen: 18.846 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

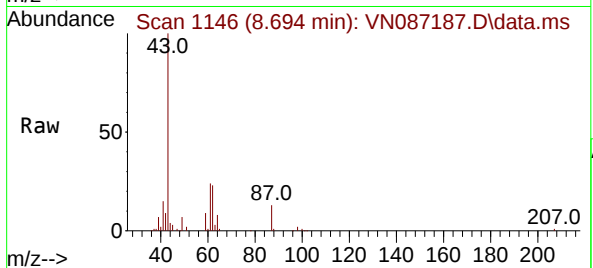
Tgt Ion: 62 Resp: 48406
Ion Ratio Lower Upper
62 100
98 9.5 0.0 21.2





#43
Isopropyl Acetate
Concen: 17.673 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

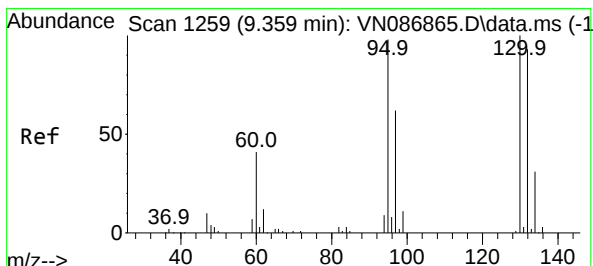
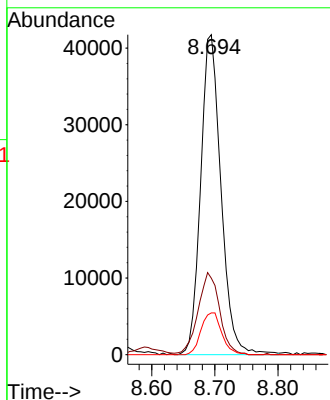
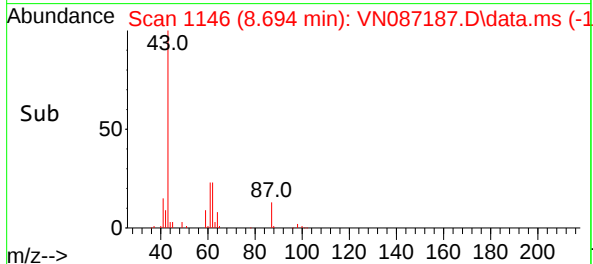
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



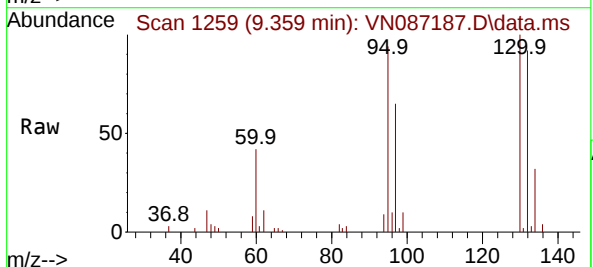
Tgt Ion: 43 Resp: 93514
Ion Ratio Lower Upper
43 100
61 27.2 22.1 33.1
87 13.3 11.8 17.6

Manual Integrations
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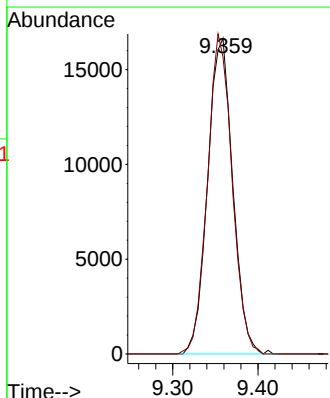
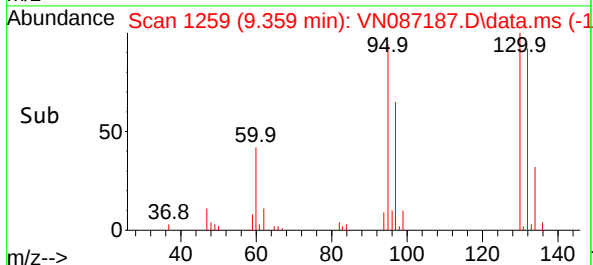
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

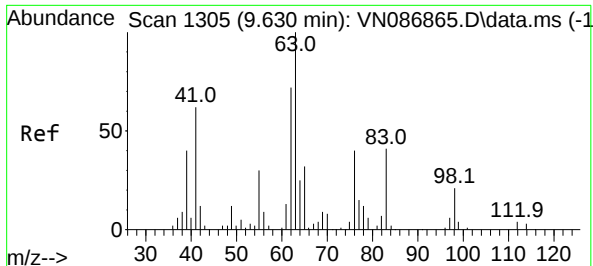


#44
Trichloroethene
Concen: 16.986 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22



Tgt Ion:130 Resp: 34108
Ion Ratio Lower Upper
130 100
95 94.1 0.0 196.2





#45

1,2-Dichloropropane

Concen: 17.918 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087187.D

Acq: 26 Jun 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD01

Tgt Ion: 63 Resp: 36910

Ion Ratio Lower Upper

63 100

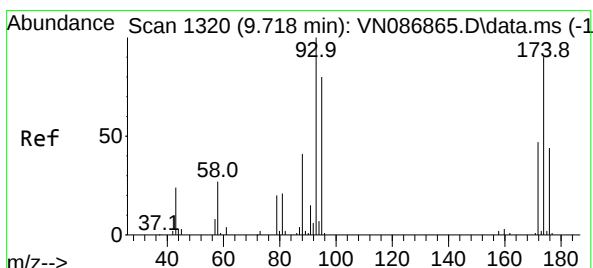
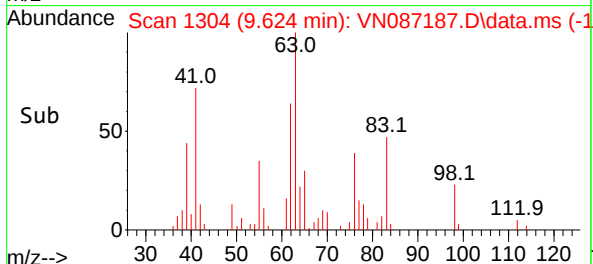
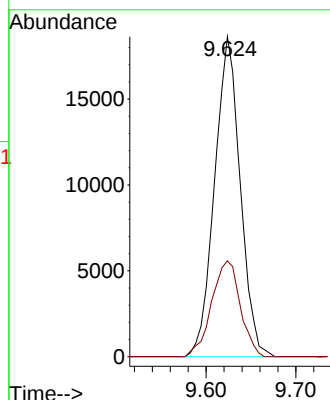
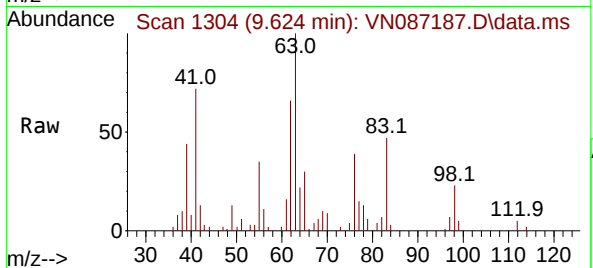
65 30.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#46

Dibromomethane

Concen: 18.179 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087187.D

Acq: 26 Jun 2025 12:22

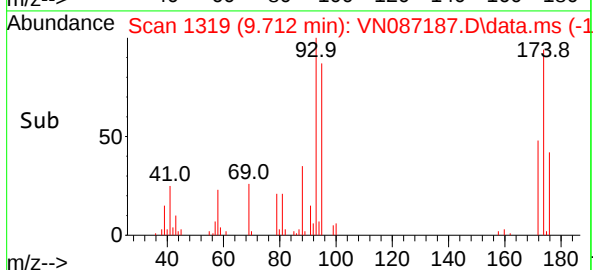
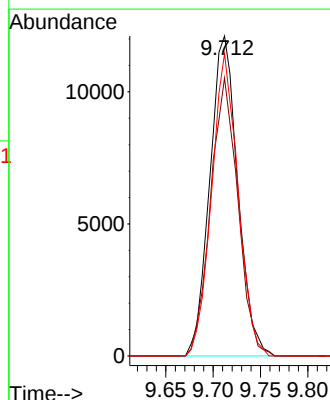
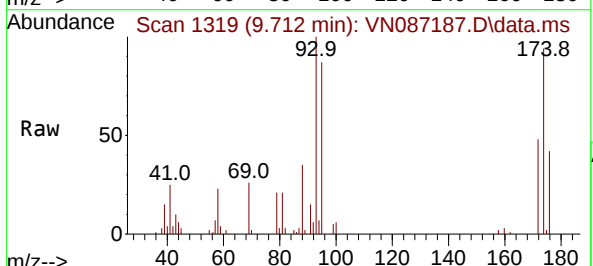
Tgt Ion: 93 Resp: 24877

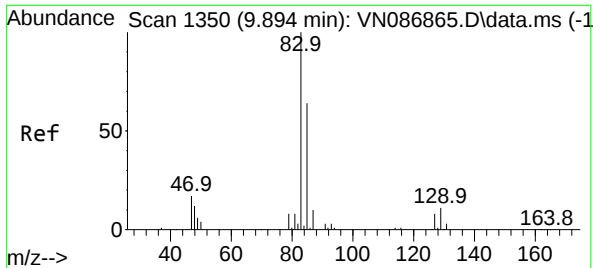
Ion Ratio Lower Upper

93 100

95 85.0 67.1 100.7

174 89.4 74.2 111.4





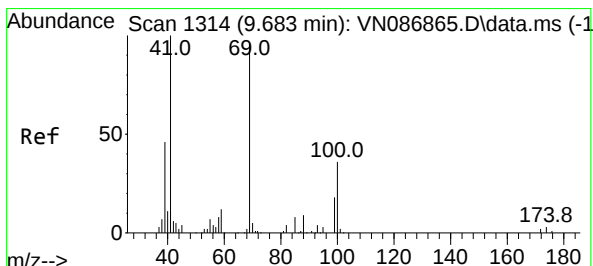
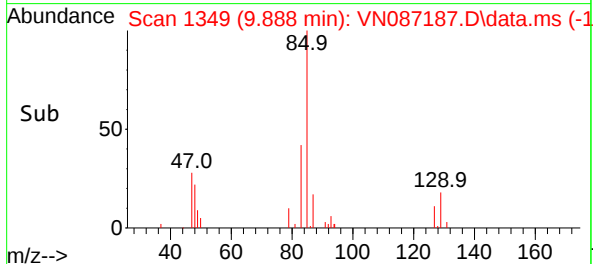
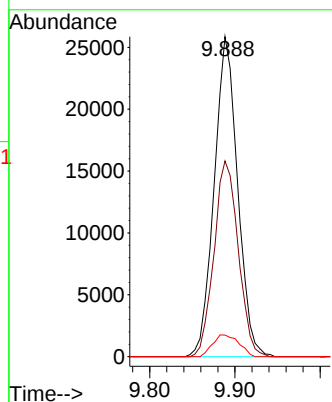
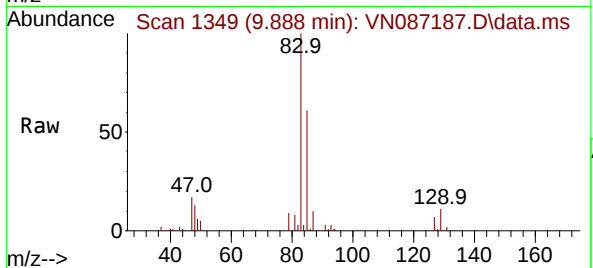
#47
Bromodichloromethane
Concen: 17.530 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01

Tgt Ion: 83 Resp: 49358
Ion Ratio Lower Upper
83 100
85 61.1 50.9 76.3
127 6.8 6.6 10.0

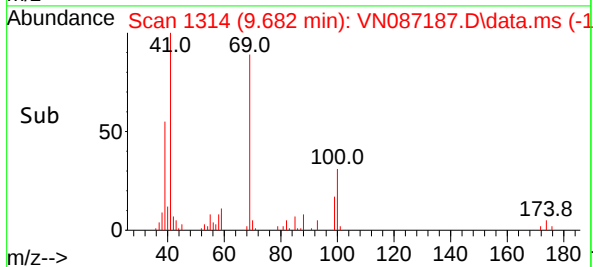
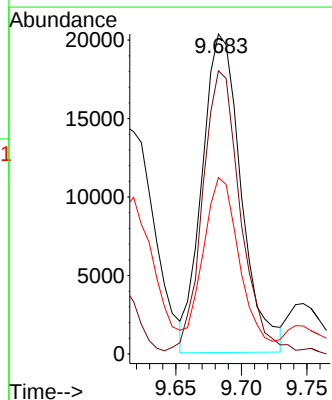
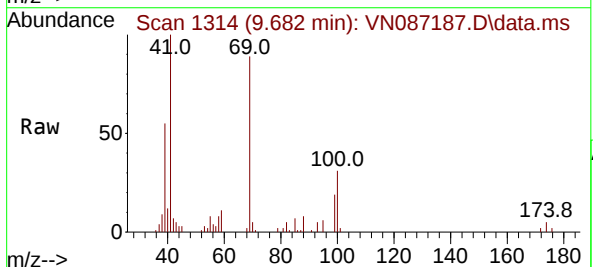
Manual Integrations
APPROVED

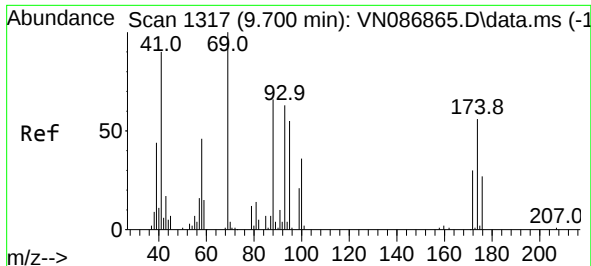
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#48
Methyl methacrylate
Concen: 17.300 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Tgt Ion: 41 Resp: 42131
Ion Ratio Lower Upper
41 100
69 87.2 74.6 112.0
39 53.1 40.2 60.4





#49

1,4-Dioxane

Concen: 264.216 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087187.D

Acq: 26 Jun 2025 12:22

Instrument :

MSVOA_N

ClientSampleId :

VN0626WBSD01

Tgt Ion: 88 Resp: 11700

Ion Ratio Lower Upper

88 100

43 25.7 0.0 0.0

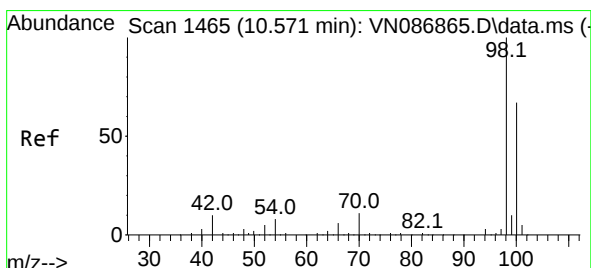
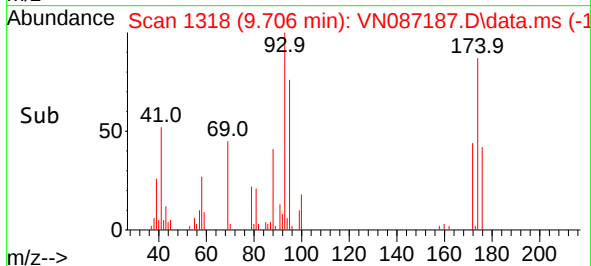
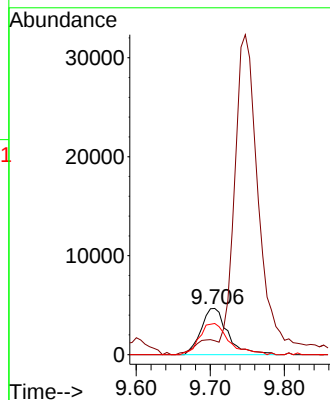
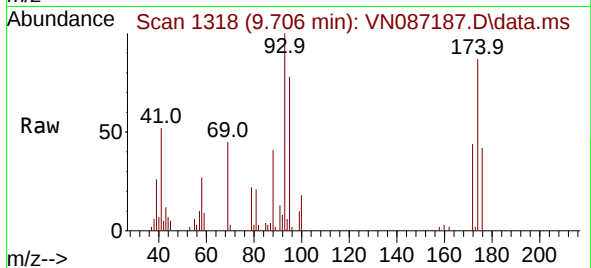
58 74.3 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025



#50

Toluene-d8

Concen: 44.675 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087187.D

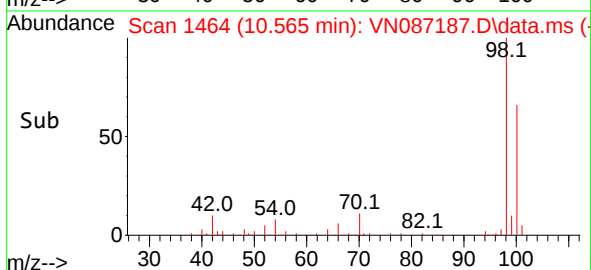
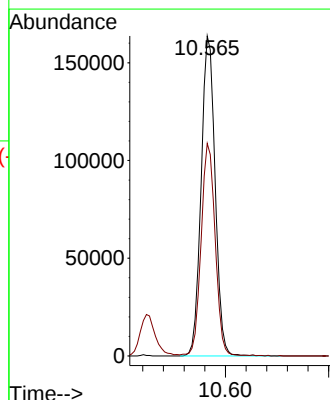
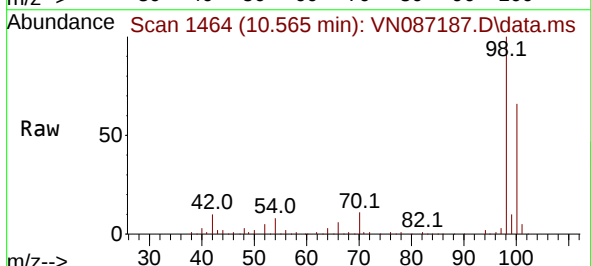
Acq: 26 Jun 2025 12:22

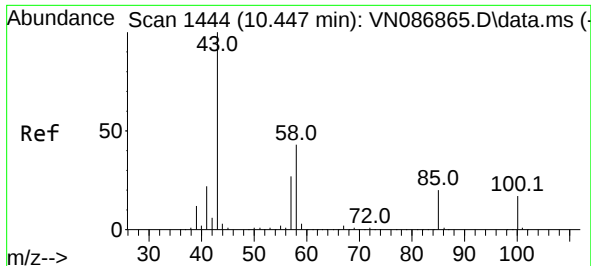
Tgt Ion: 98 Resp: 307366

Ion Ratio Lower Upper

98 100

100 66.3 53.4 80.0





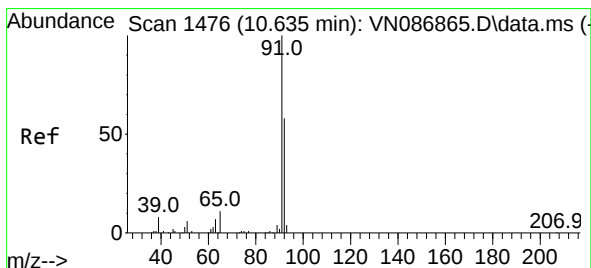
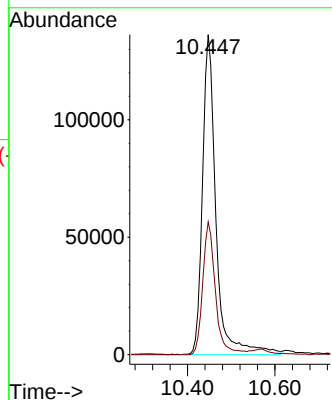
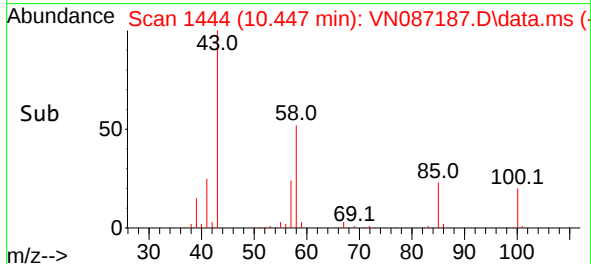
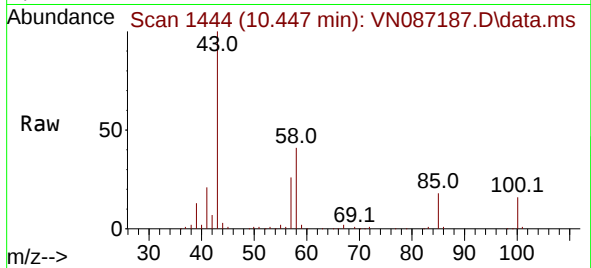
#51
4-Methyl-2-Pentanone
Concen: 91.721 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01

Tgt Ion: 43 Resp: 29216
Ion Ratio Lower Upper
43 100
58 39.2 34.2 51.4

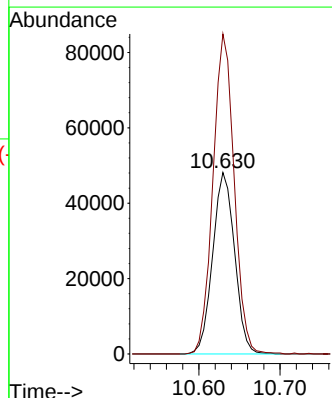
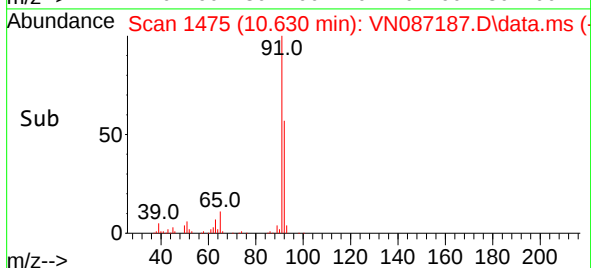
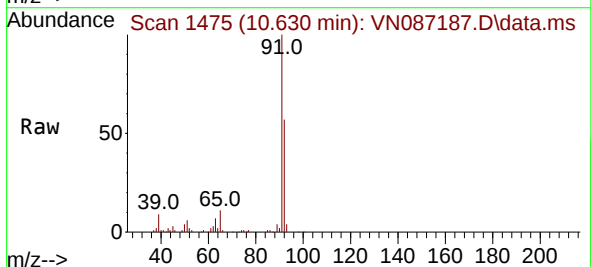
Manual Integrations
APPROVED

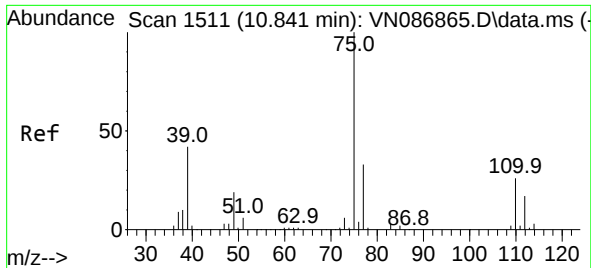
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#52
Toluene
Concen: 17.442 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

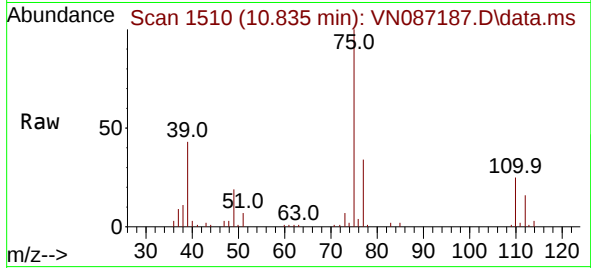
Tgt Ion: 92 Resp: 90266
Ion Ratio Lower Upper
92 100
91 170.8 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 17.718 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

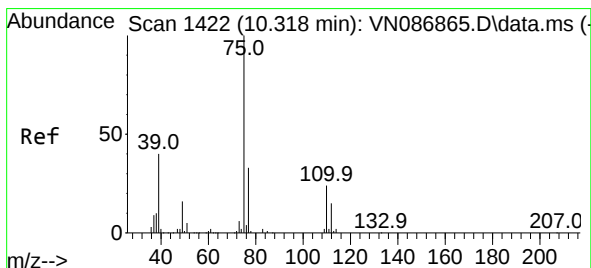
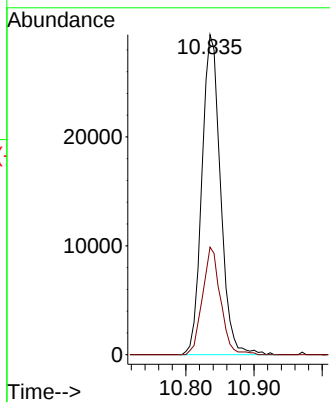
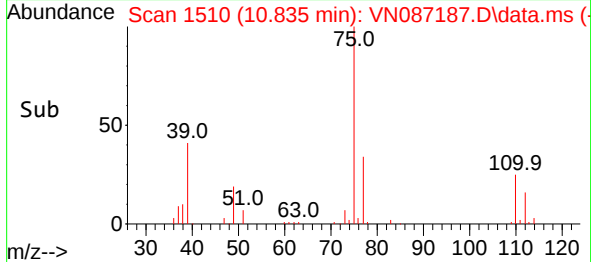
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



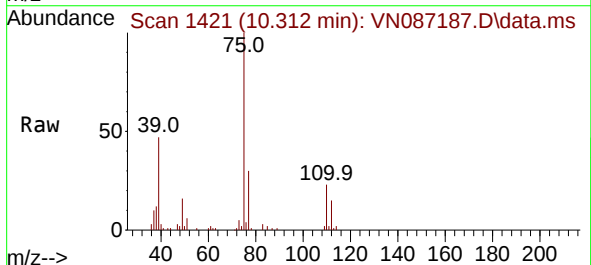
Tgt Ion: 75 Resp: 5578
Ion Ratio Lower Upper
75 100
77 33.6 26.4 39.6

Manual Integrations
APPROVED

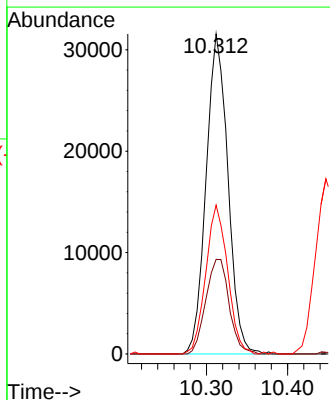
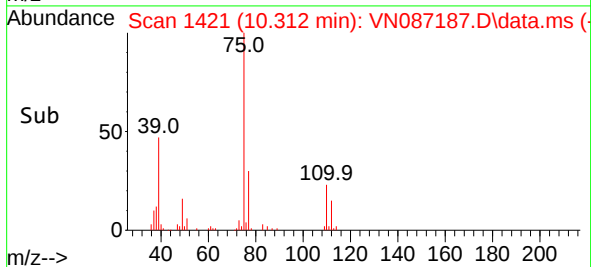
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

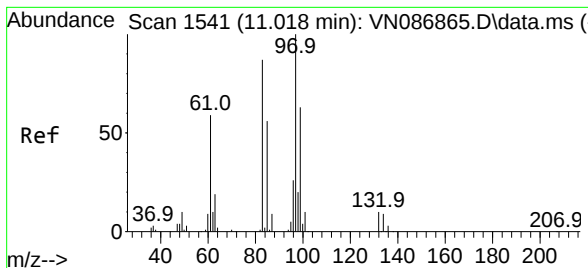


#54
cis-1,3-Dichloropropene
Concen: 17.508 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22



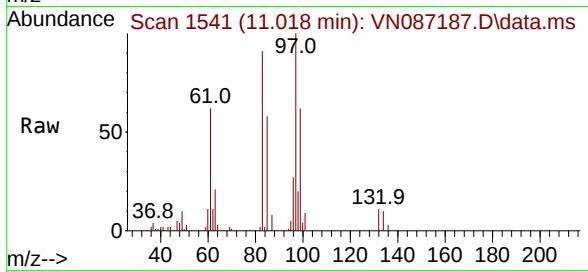
Tgt Ion: 75 Resp: 58980
Ion Ratio Lower Upper
75 100
77 29.6 26.2 39.4
39 46.5 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 17.850 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

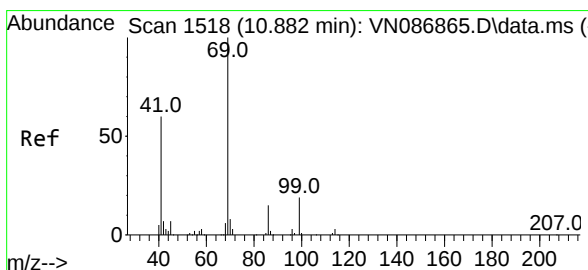
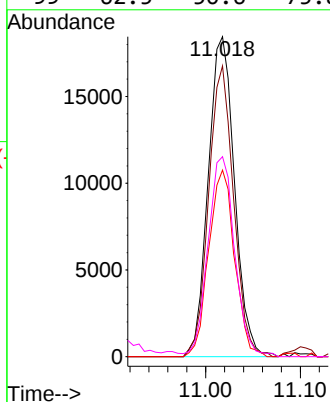
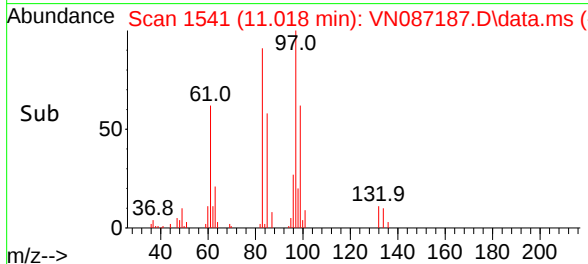
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion: 97 Resp: 3554
Ion Ratio Lower Upper
97 100
83 90.8 69.7 104.5
85 58.3 45.1 67.7
99 62.5 50.6 75.8

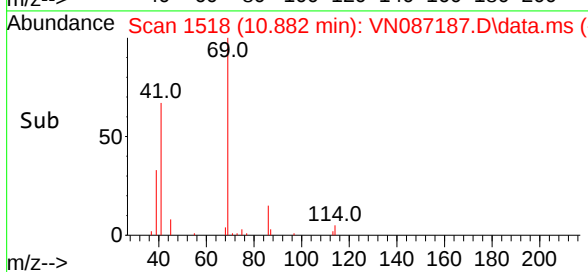
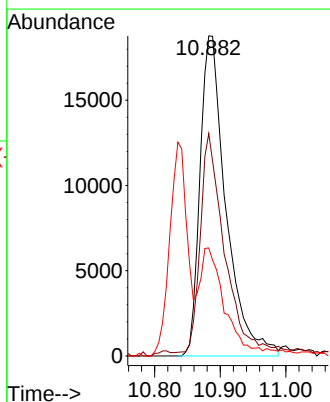
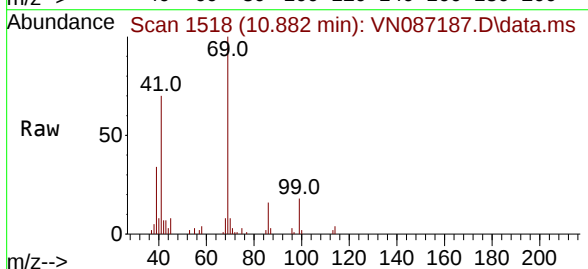
Manual Integrations
APPROVED

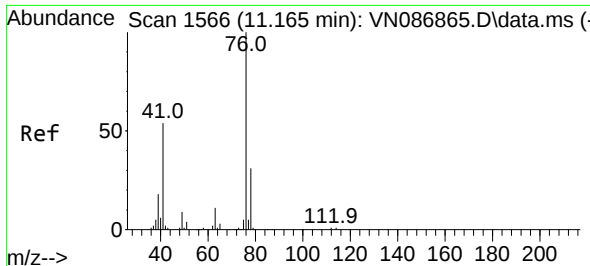
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#56
Ethyl methacrylate
Concen: 16.286 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

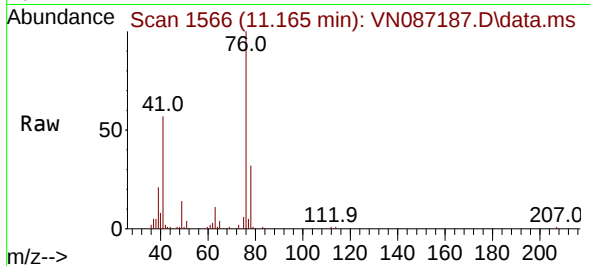
Tgt Ion: 69 Resp: 51655
Ion Ratio Lower Upper
69 100
41 62.9 47.2 70.8
39 32.2 23.0 34.6





#57
1,3-Dichloropropane
Concen: 17.587 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

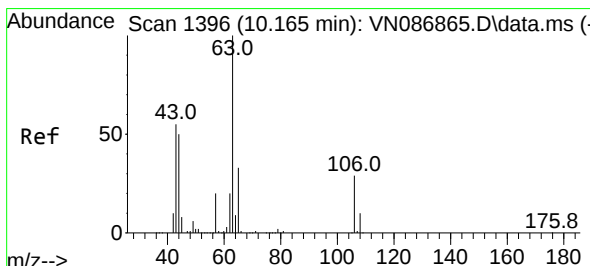
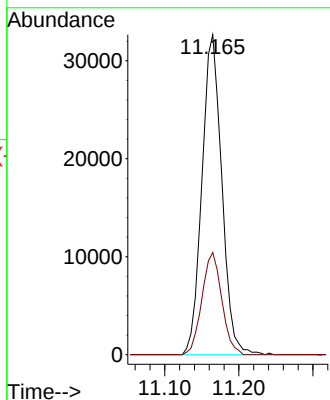
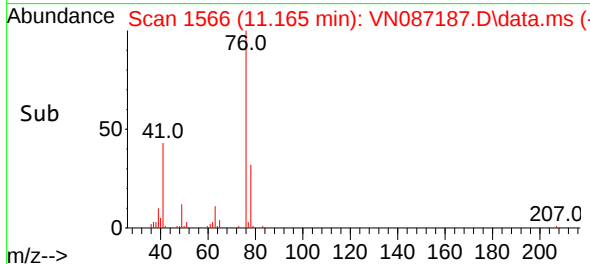
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion: 76 Resp: 6075
Ion Ratio Lower Upper
76 100
78 31.9 25.3 37.9

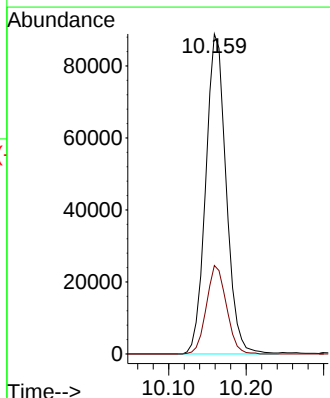
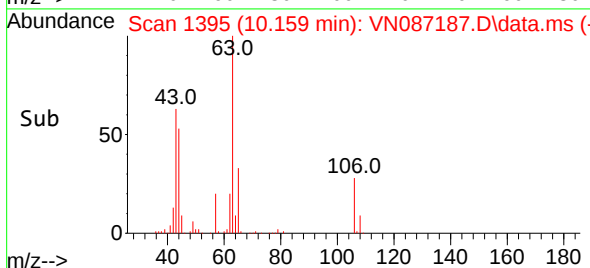
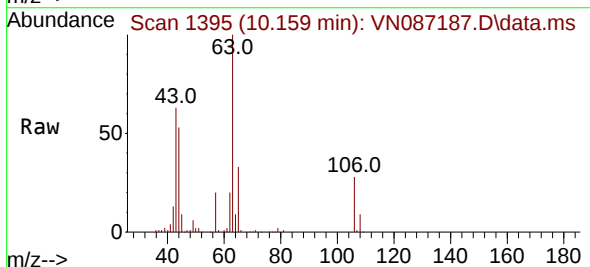
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#58
2-Chloroethyl Vinyl ether
Concen: 85.954 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

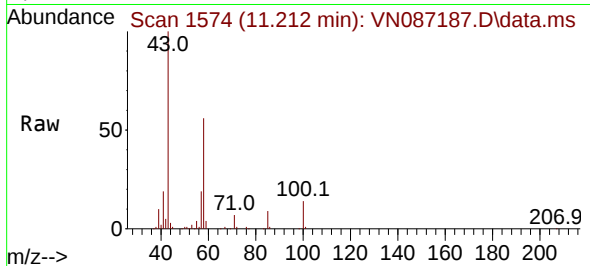
Tgt Ion: 63 Resp: 162607
Ion Ratio Lower Upper
63 100
106 27.1 23.0 34.6





#59
2-Hexanone
Concen: 76.775 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.012 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

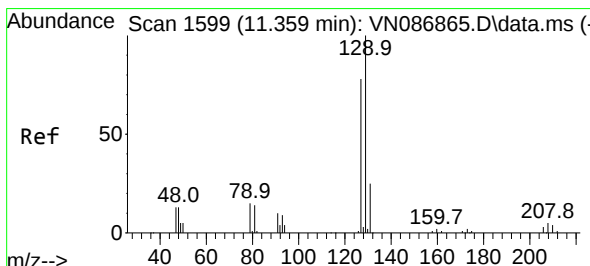
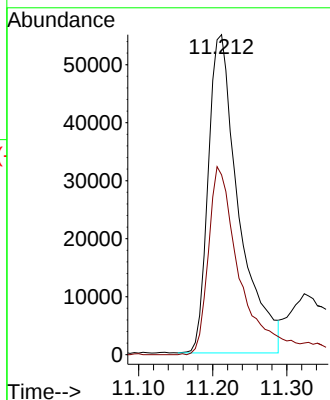
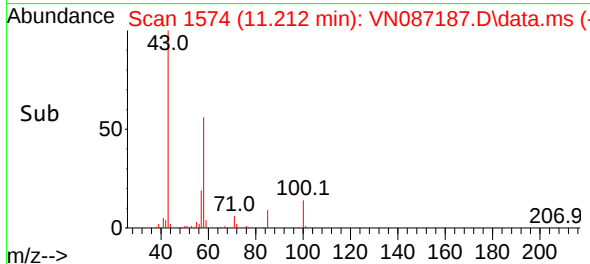
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion: 43 Resp: 15752
Ion Ratio Lower Upper
43 100
58 60.4 30.4 91.3

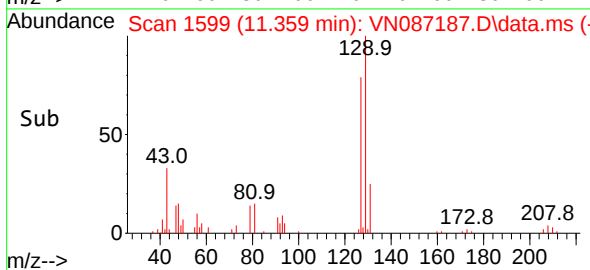
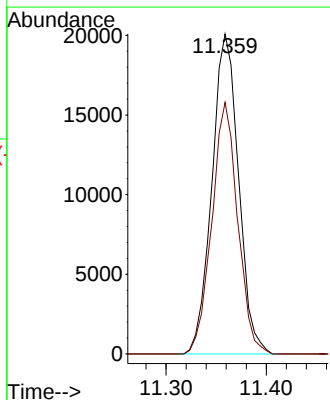
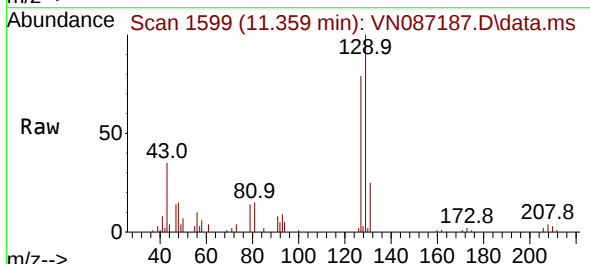
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#60
Dibromochloromethane
Concen: 17.864 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

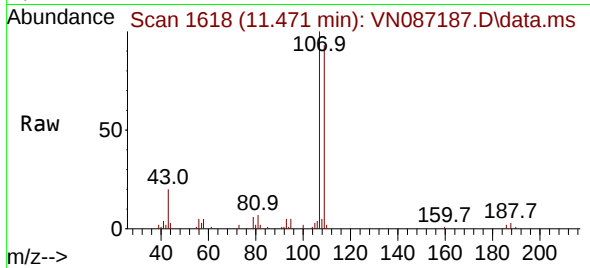
Tgt Ion:129 Resp: 37063
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8





#61
1,2-Dibromoethane
Concen: 17.306 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

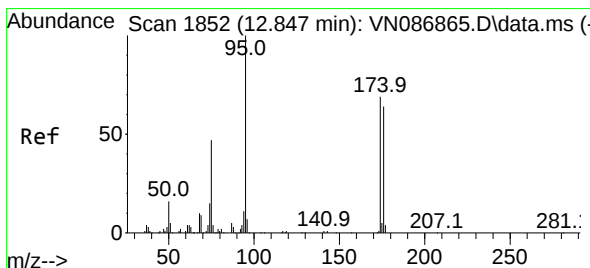
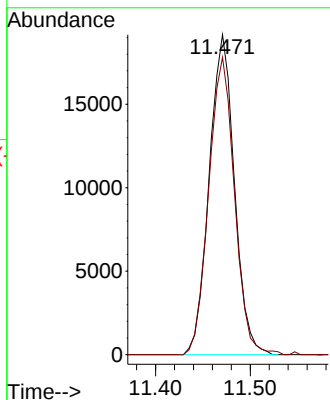
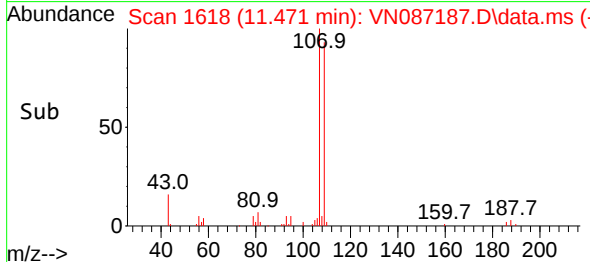
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



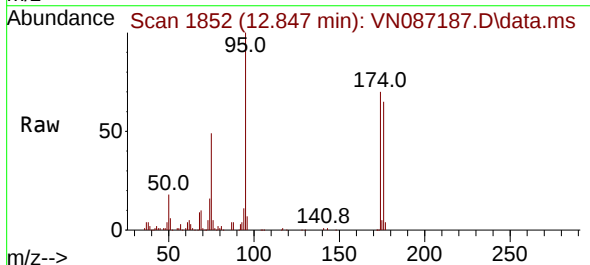
Tgt Ion:107 Resp: 35324
Ion Ratio Lower Upper
107 100
109 95.2 76.3 114.5

Manual Integrations
APPROVED

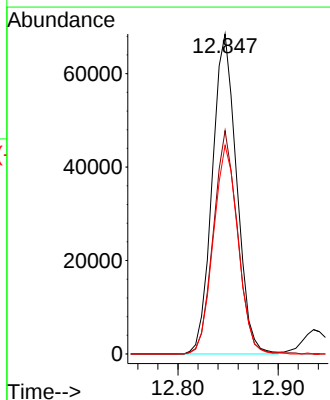
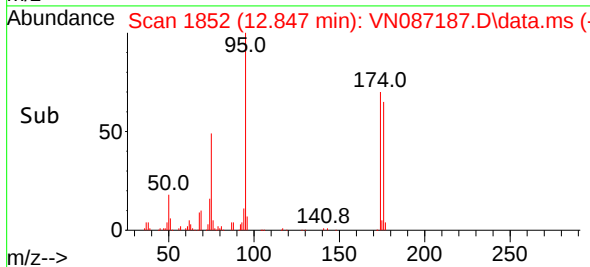
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

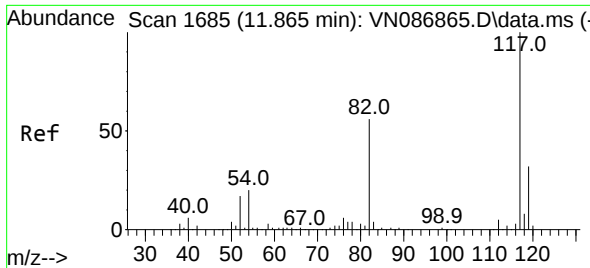


#62
4-Bromofluorobenzene
Concen: 45.200 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22



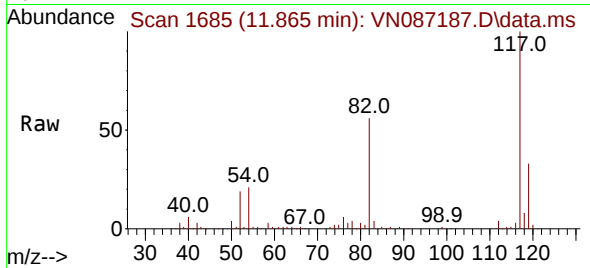
Tgt Ion: 95 Resp: 115539
Ion Ratio Lower Upper
95 100
174 68.9 0.0 141.8
176 66.1 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

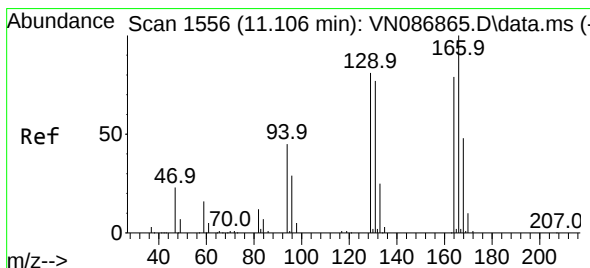
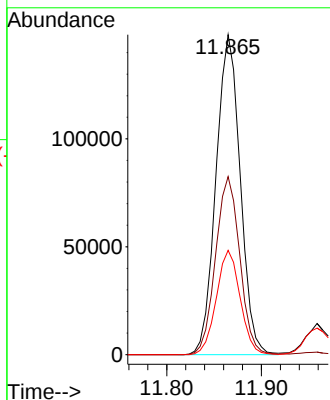
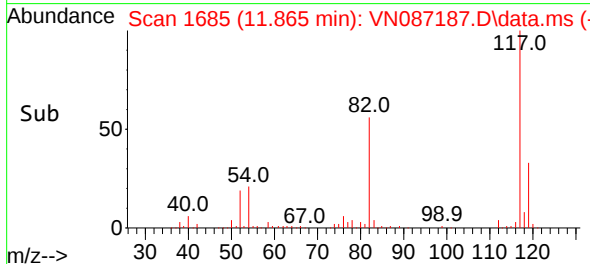
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



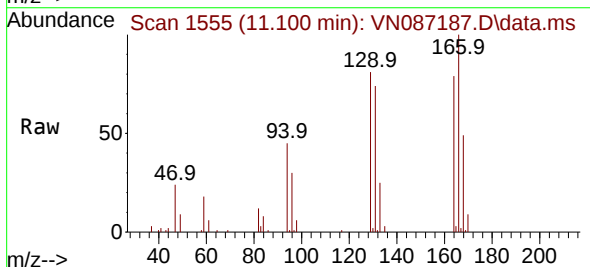
Tgt Ion:117 Resp: 26412
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 32.6 25.5 38.3

Manual Integrations
APPROVED

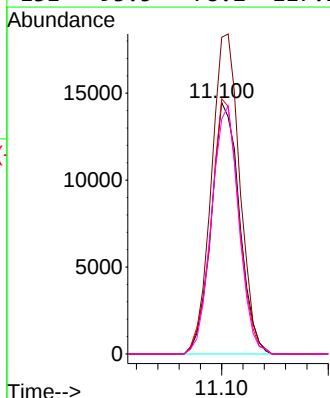
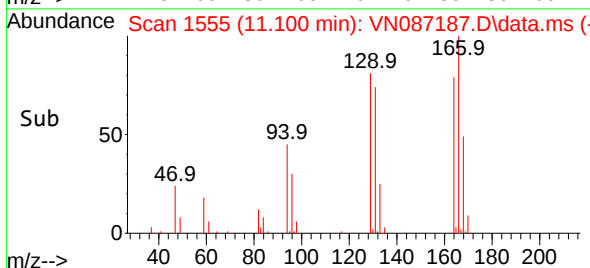
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

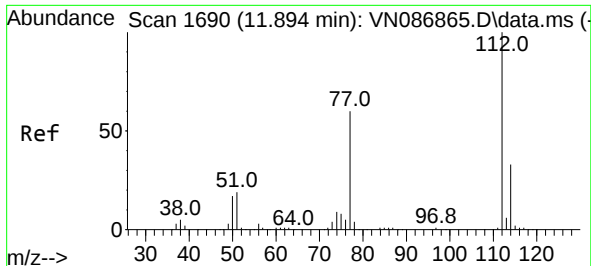


#64
Tetrachloroethene
Concen: 15.860 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22



Tgt Ion:164 Resp: 26510
Ion Ratio Lower Upper
164 100
166 126.0 101.8 152.8
129 101.5 83.0 124.4
131 93.5 78.2 117.2





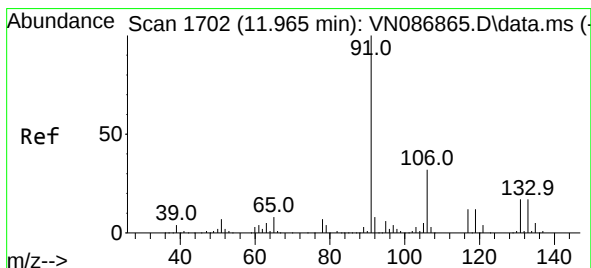
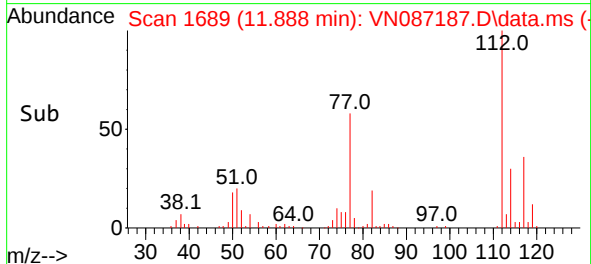
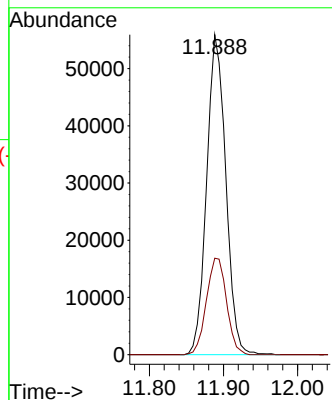
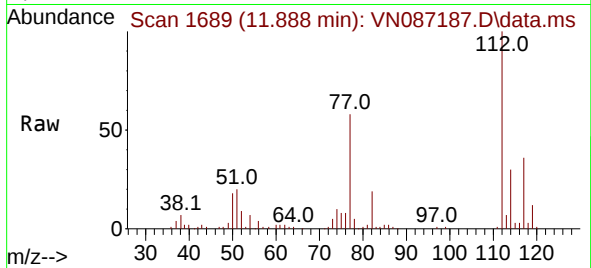
#65
Chlorobenzene
Concen: 17.224 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01

Tgt Ion:112 Resp: 100334
Ion Ratio Lower Upper
112 100
114 30.2 26.2 39.2

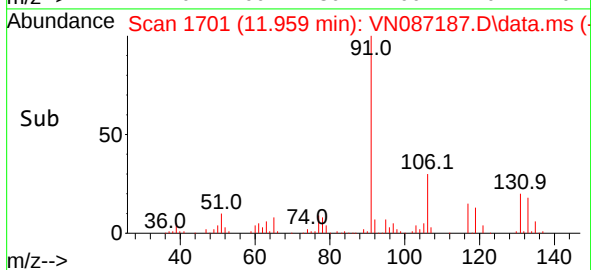
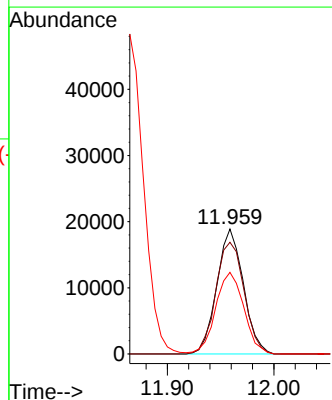
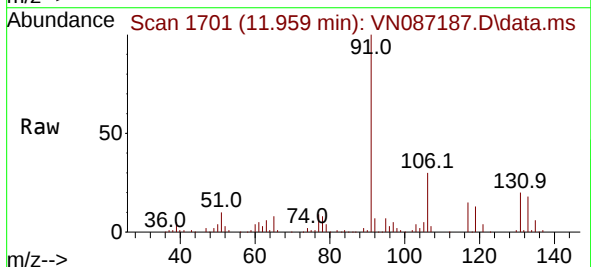
Manual Integrations
APPROVED

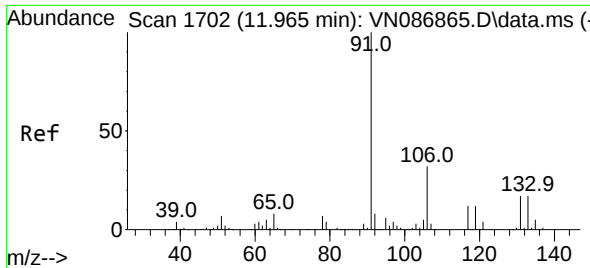
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.469 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Tgt Ion:131 Resp: 32711
Ion Ratio Lower Upper
131 100
133 95.3 48.3 144.8
119 69.2 34.0 101.8





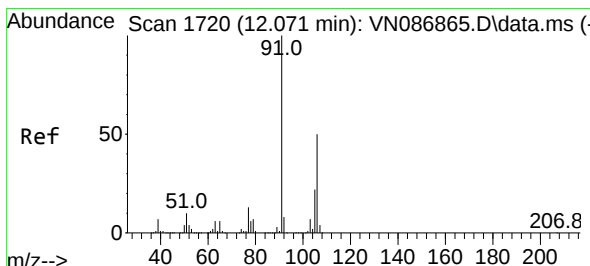
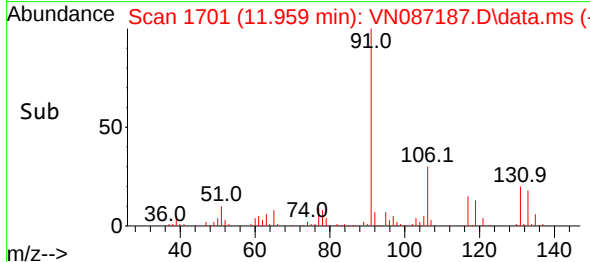
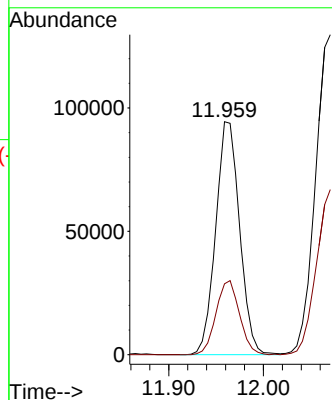
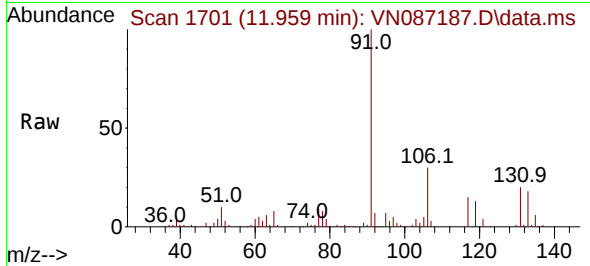
#67
Ethyl Benzene
Concen: 16.542 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01

Tgt Ion: 91 Resp: 16598
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2

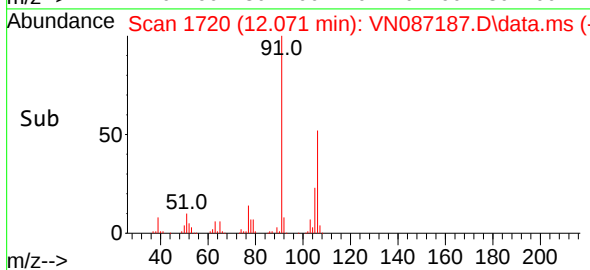
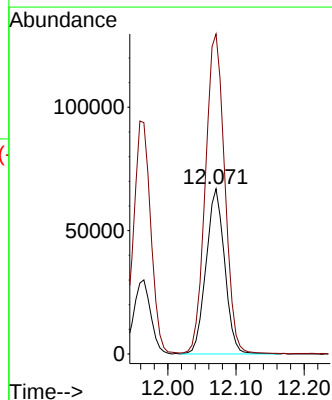
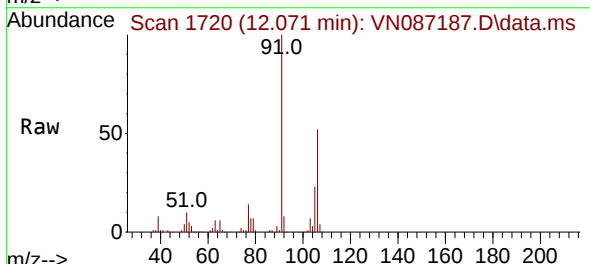
Manual Integrations
APPROVED

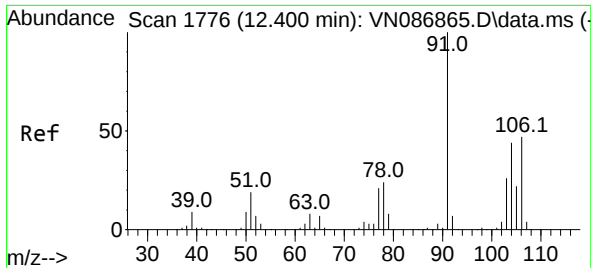
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#68
m/p-Xylenes
Concen: 33.066 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Tgt Ion:106 Resp: 127008
Ion Ratio Lower Upper
106 100
91 202.2 159.4 239.0





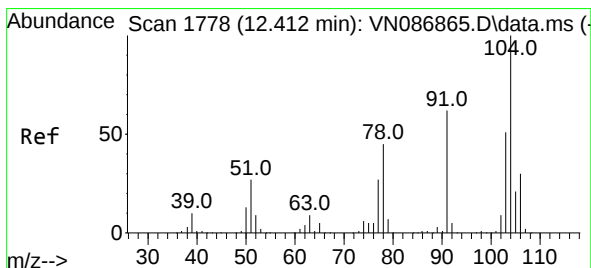
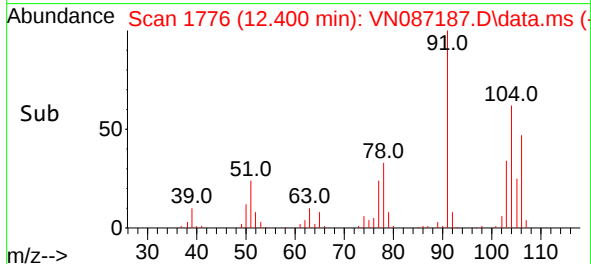
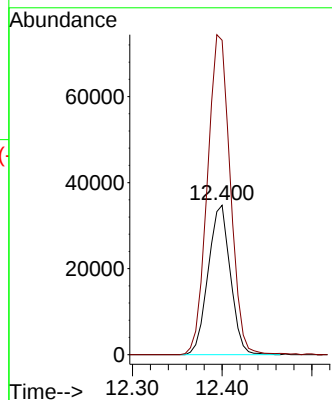
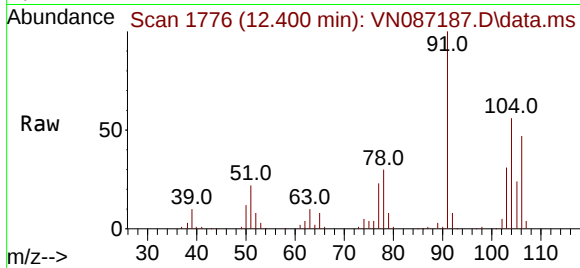
#69
o-Xylene
Concen: 16.210 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01

Tgt Ion:106 Resp: 5963
Ion Ratio Lower Upper
106 100
91 220.8 106.1 318.1

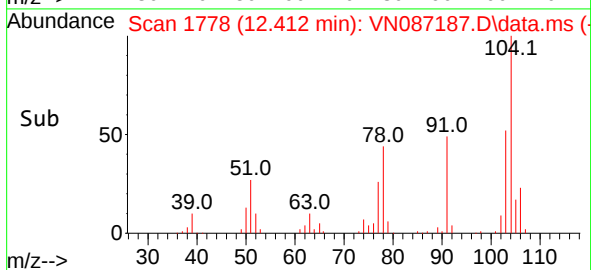
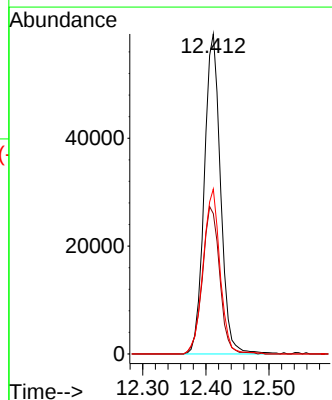
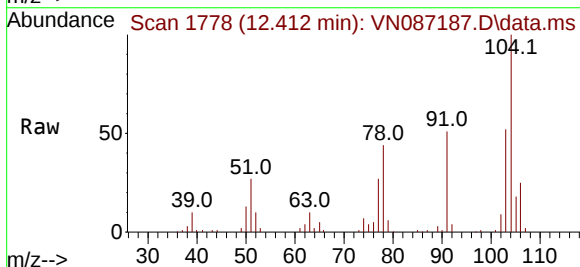
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#70
Styrene
Concen: 16.824 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

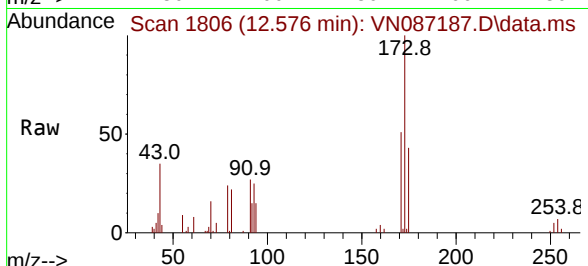
Tgt Ion:104 Resp: 105905
Ion Ratio Lower Upper
104 100
78 48.8 38.5 57.7
103 53.5 43.1 64.7





#71
Bromoform
Concen: 18.244 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

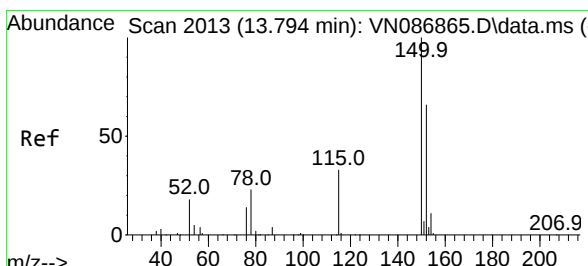
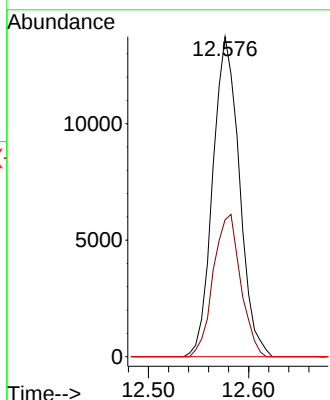
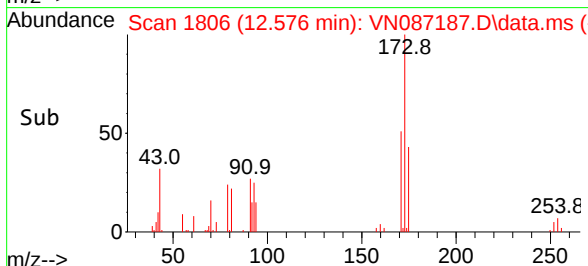
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



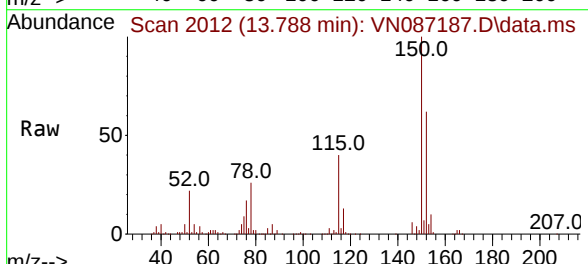
Tgt Ion:173 Resp: 2531
Ion Ratio Lower Upper
173 100
175 45.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

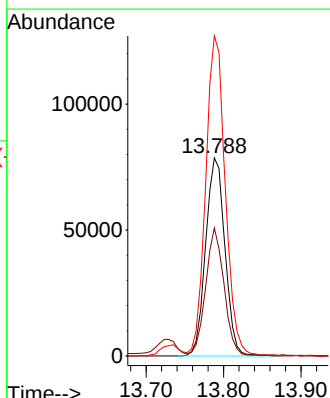
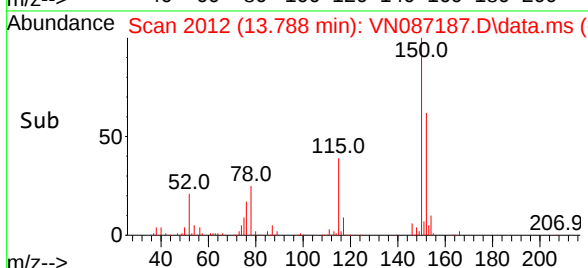
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

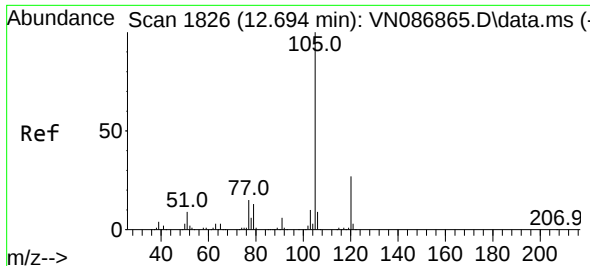


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22



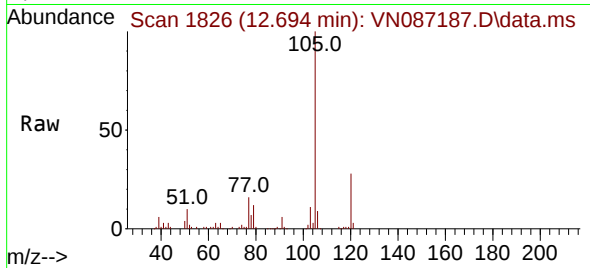
Tgt Ion:152 Resp: 136333
Ion Ratio Lower Upper
152 100
115 61.6 30.1 90.5
150 163.8 0.0 345.0





#73
Isopropylbenzene
Concen: 15.438 ug/l
RT: 12.694 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

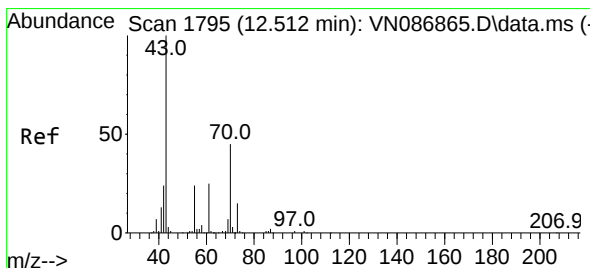
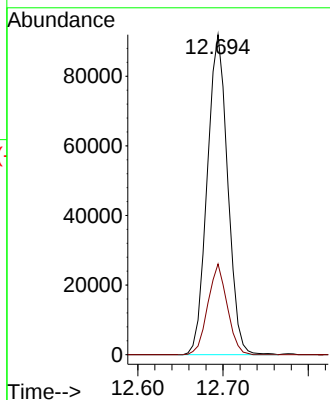
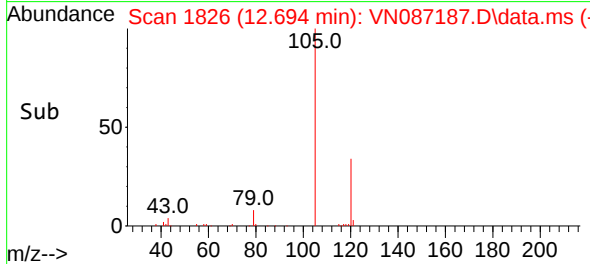
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion:105 Resp: 153320
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.4

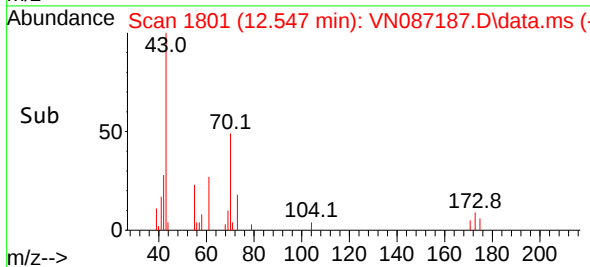
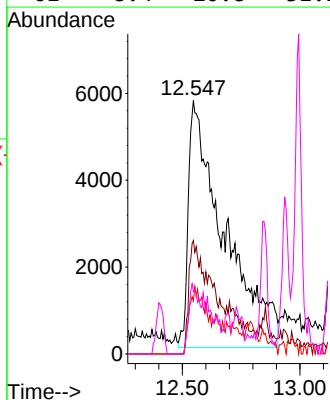
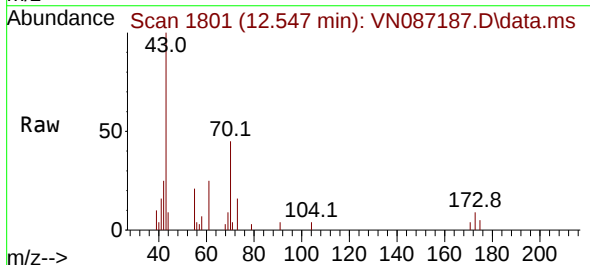
Manual Integrations
APPROVED

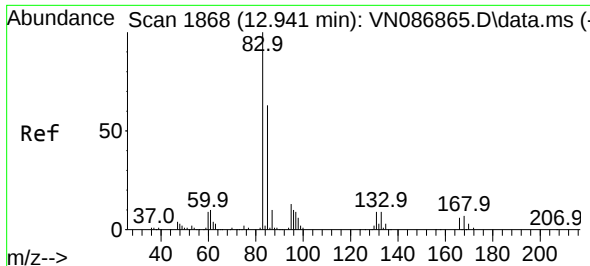
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#74
N-ethyl acetate
Concen: 17.288 ug/l m
RT: 12.547 min Scan# 1801
Delta R.T. 0.035 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

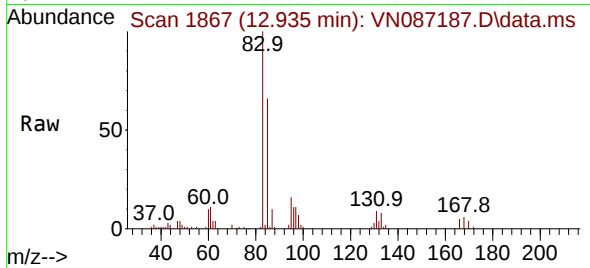
Tgt Ion: 43 Resp: 60000
Ion Ratio Lower Upper
43 100
70 16.4 37.6 56.4#
55 12.2 19.0 28.6#
61 8.4 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 17.192 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

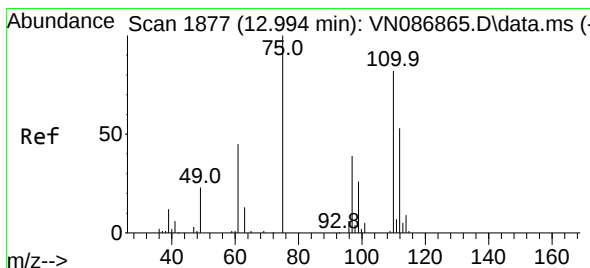
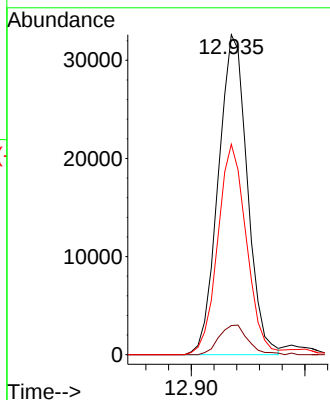
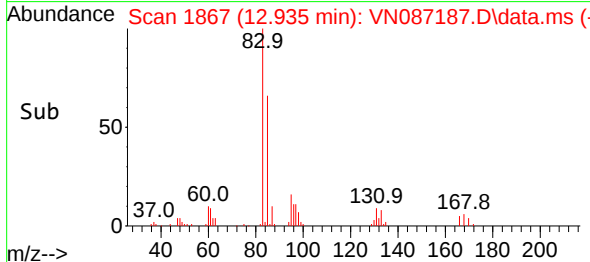
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion: 83 Resp: 5784
Ion Ratio Lower Upper
83 100
131 9.3 4.9 14.7
85 65.2 32.0 96.0

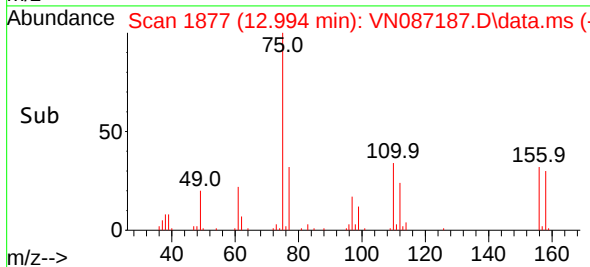
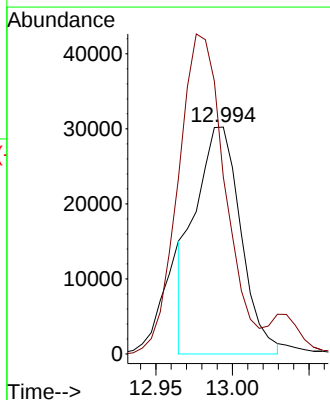
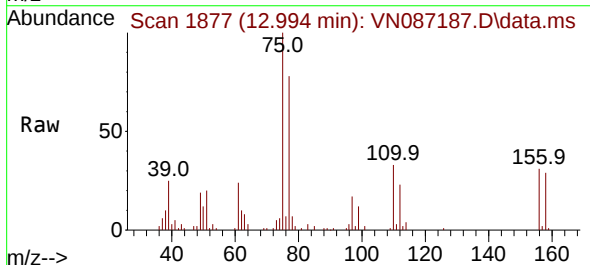
Manual Integrations
APPROVED

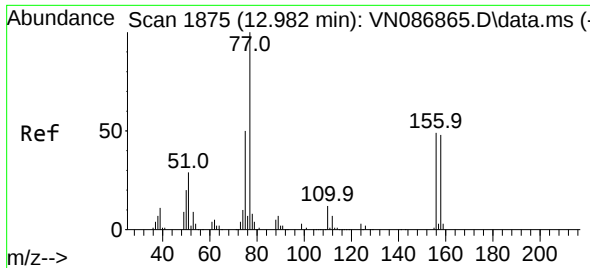
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#76
1,2,3-Trichloropropane
Concen: 19.311 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

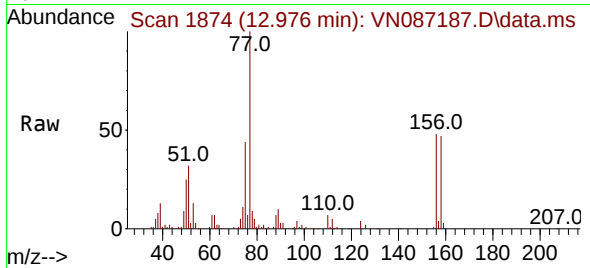
Tgt Ion: 75 Resp: 62582
Ion Ratio Lower Upper
75 100
77 145.2 79.3 237.9





#77
Bromobenzene
Concen: 16.446 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

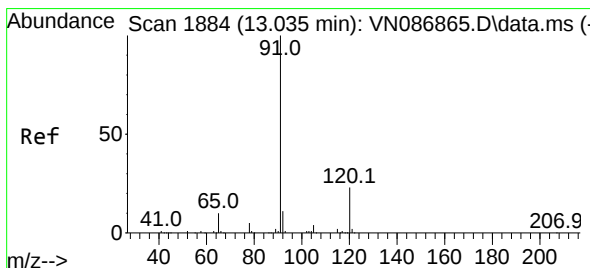
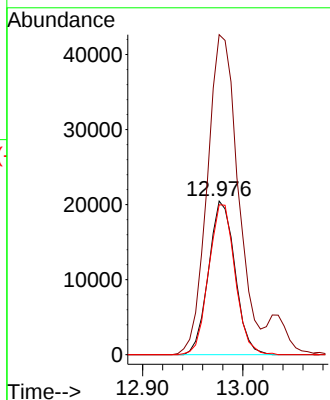
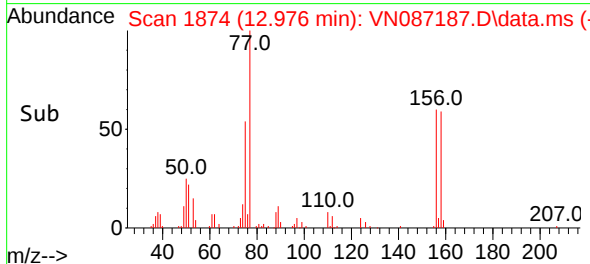
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



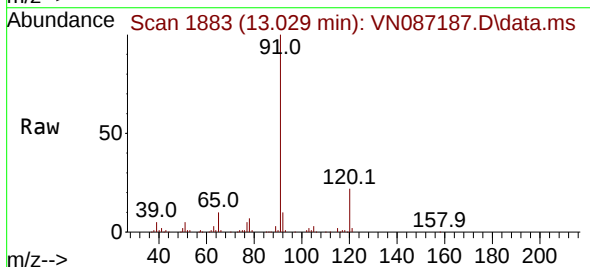
Tgt Ion:156 Resp: 37459
Ion Ratio Lower Upper
156 100
77 242.7 117.7 353.1
158 97.6 48.1 144.4

Manual Integrations
APPROVED

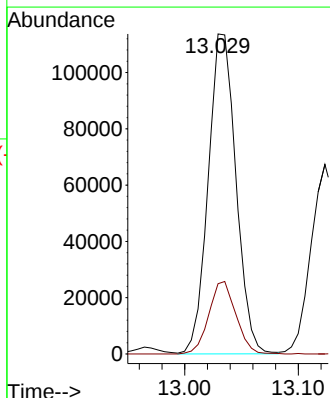
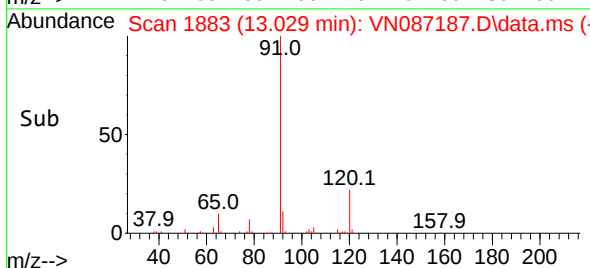
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

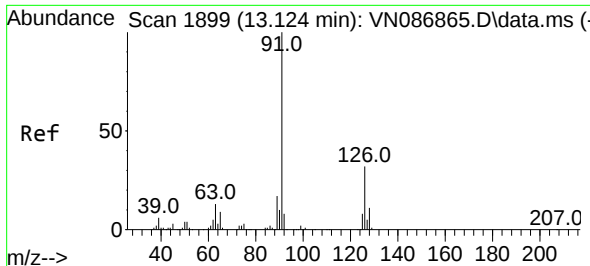


#78
n-propylbenzene
Concen: 16.027 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22



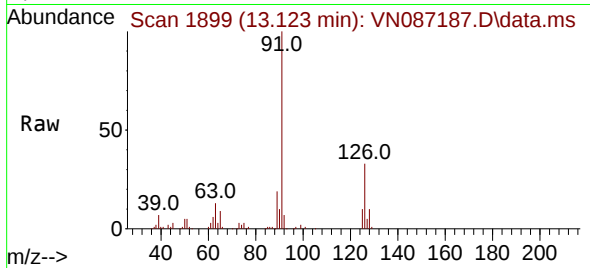
Tgt Ion: 91 Resp: 193446
Ion Ratio Lower Upper
91 100
120 22.0 11.4 34.2





#79
2-Chlorotoluene
Concen: 15.858 ug/l
RT: 13.123 min Scan# 11478
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

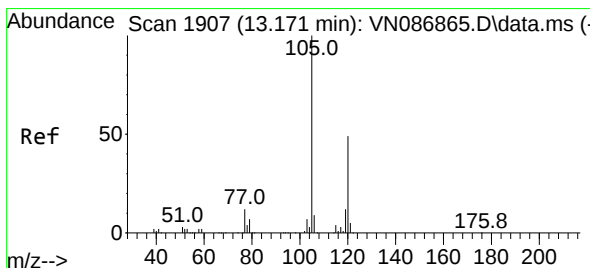
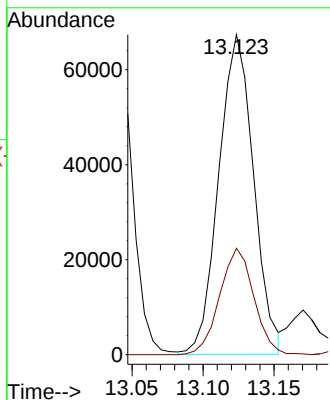
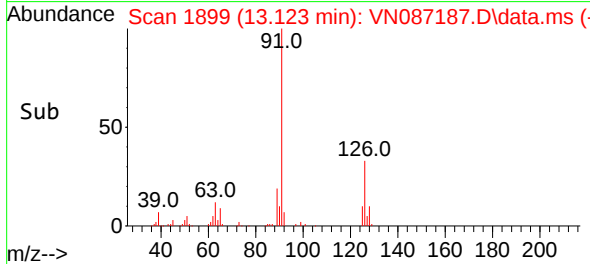
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



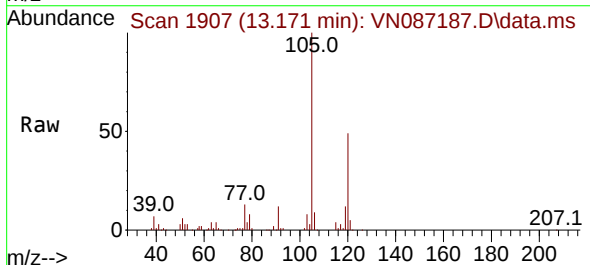
Tgt Ion: 91 Resp: 11478
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.5

Manual Integrations
APPROVED

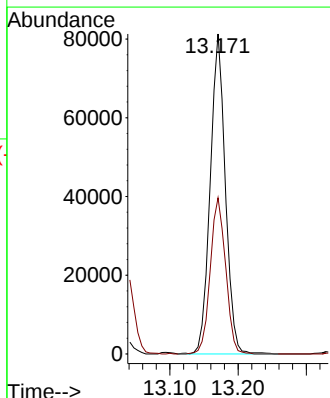
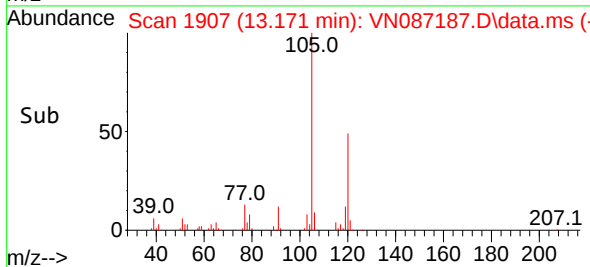
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 15.315 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22



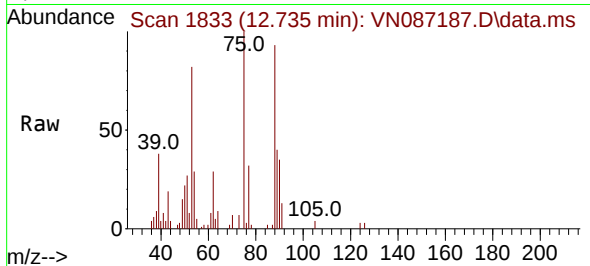
Tgt Ion:105 Resp: 125581
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.432 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

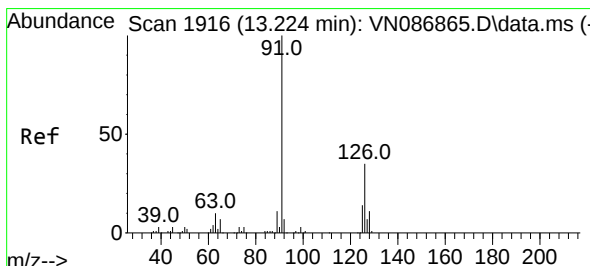
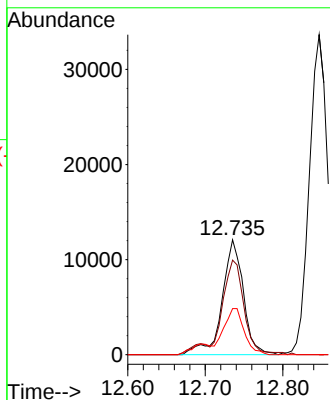
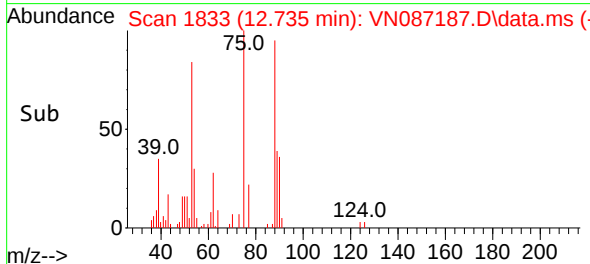
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion: 75 Resp: 2313
Ion Ratio Lower Upper
75 100
53 80.5 66.6 99.8
89 38.1 36.7 55.1

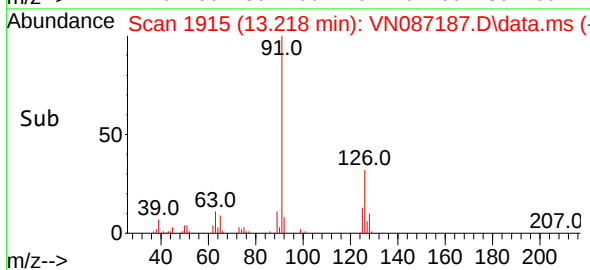
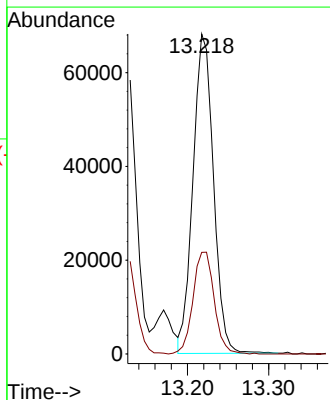
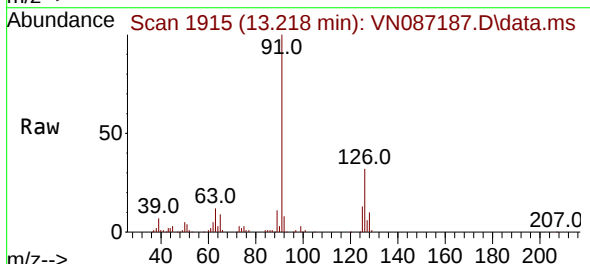
Manual Integrations
APPROVED

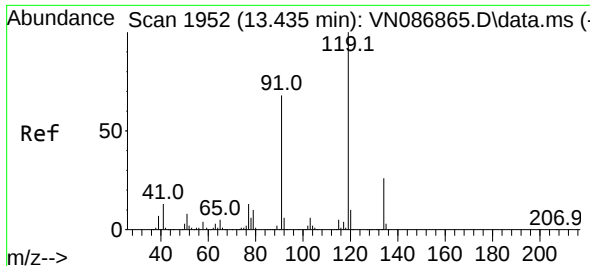
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#82
4-Chlorotoluene
Concen: 16.296 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

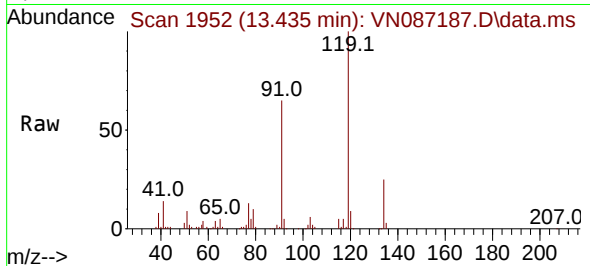
Tgt Ion: 91 Resp: 119357
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.1





#83
tert-Butylbenzene
Concen: 14.440 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

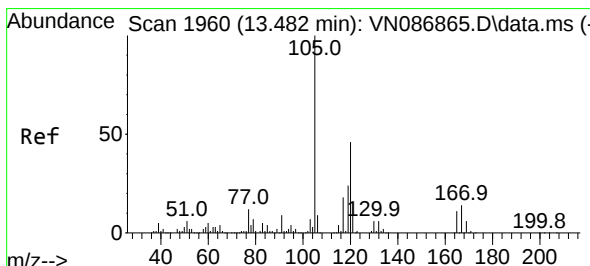
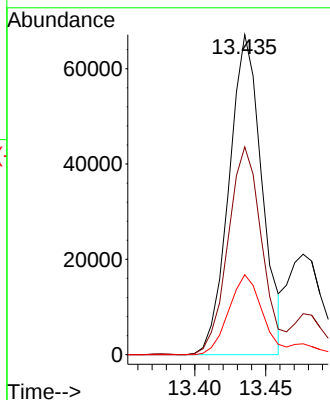
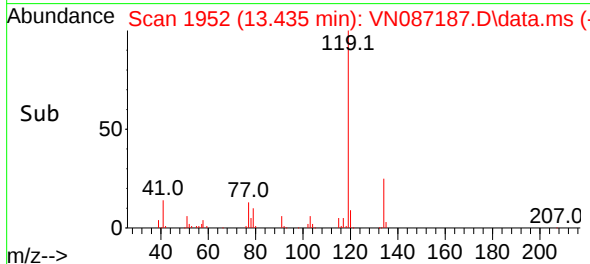
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion:119 Resp: 108390
Ion Ratio Lower Upper
119 100
91 67.4 32.1 96.5
134 25.4 13.4 40.1

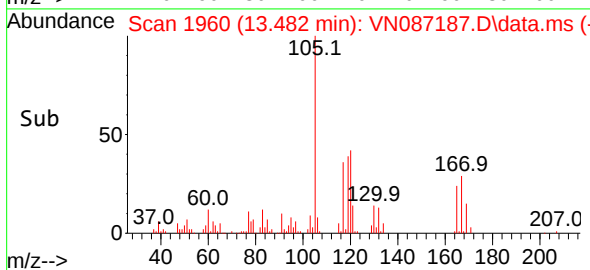
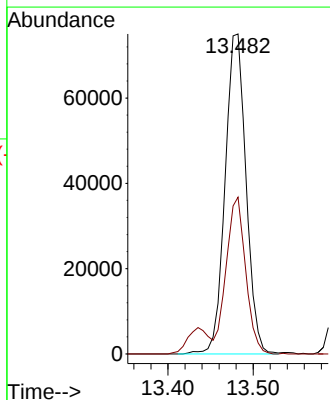
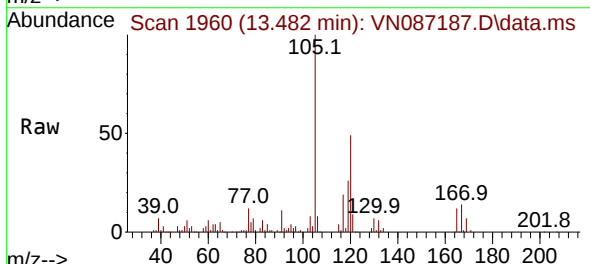
Manual Integrations
APPROVED

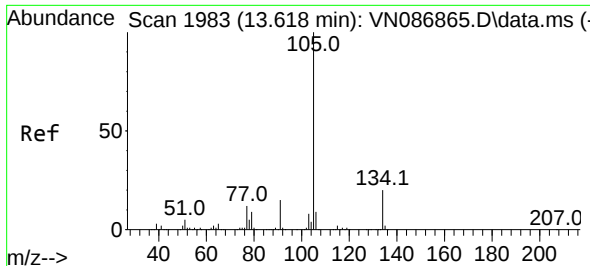
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#84
1,2,4-Trimethylbenzene
Concen: 15.578 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Tgt Ion:105 Resp: 128097
Ion Ratio Lower Upper
105 100
120 45.5 23.2 69.6





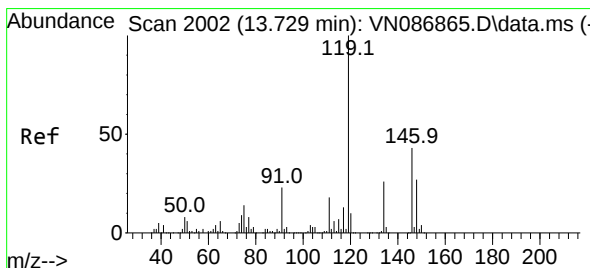
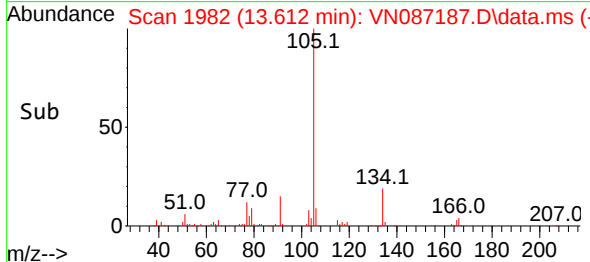
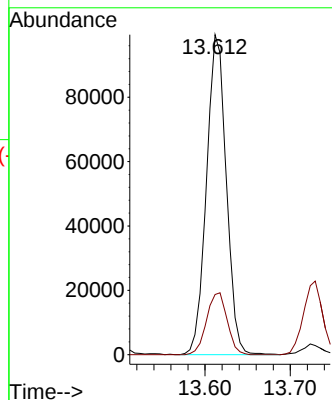
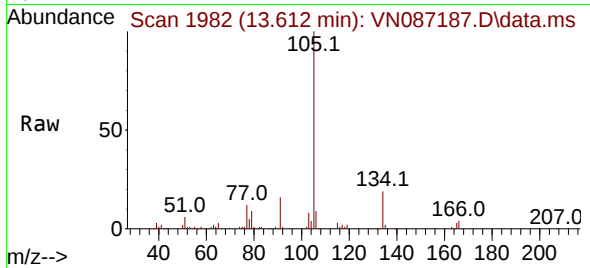
#85
 sec-Butylbenzene
 Concen: 14.717 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087187.D
 Acq: 26 Jun 2025 12:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0626WBSD01

Tgt Ion:105 Resp: 160425
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 30.0

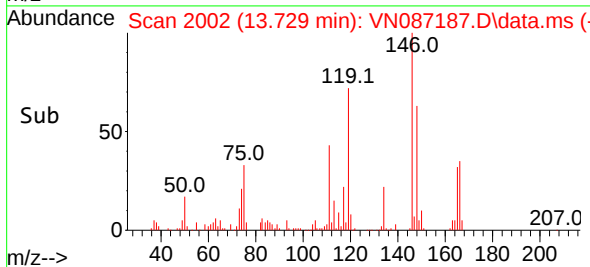
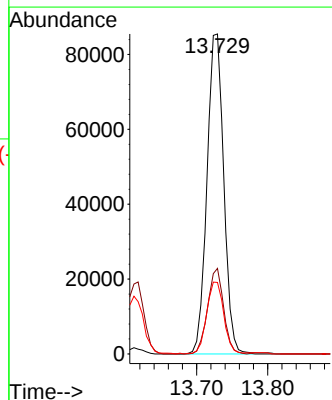
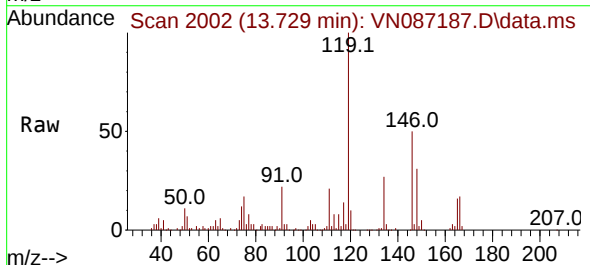
Manual Integrations
 APPROVED

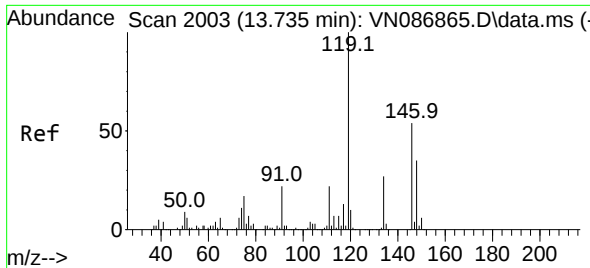
Reviewed By :John Carlone 06/27/2025
 Supervised By :Mahesh Dadoda 06/27/2025



#86
 p-Isopropyltoluene
 Concen: 15.611 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087187.D
 Acq: 26 Jun 2025 12:22

Tgt Ion:119 Resp: 140670
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.5 40.4
 91 23.1 11.5 34.4





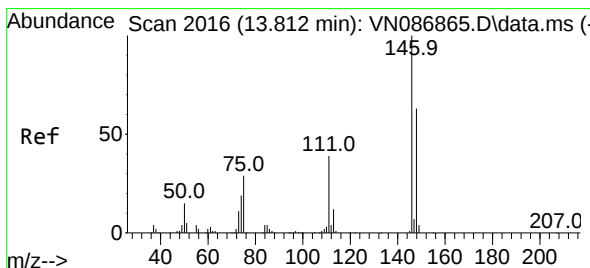
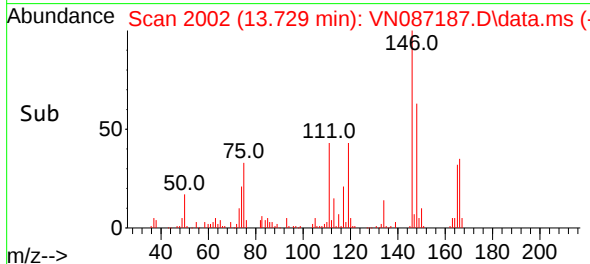
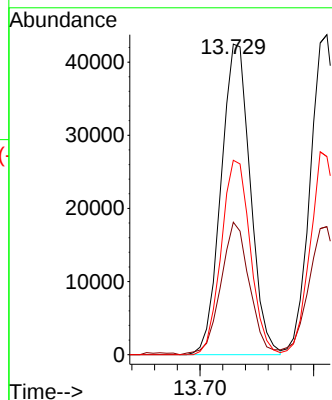
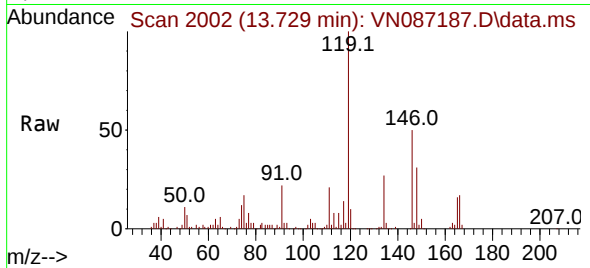
#87
1,3-Dichlorobenzene
Concen: 16.947 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01

Tgt Ion:146 Resp: 7594
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.8
148 62.1 32.0 96.2

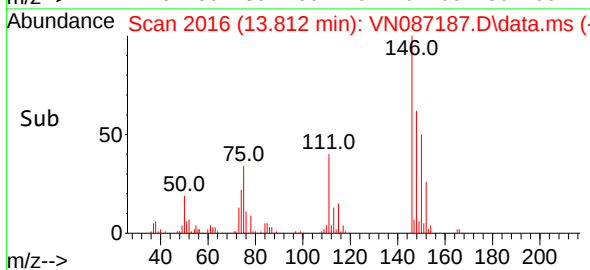
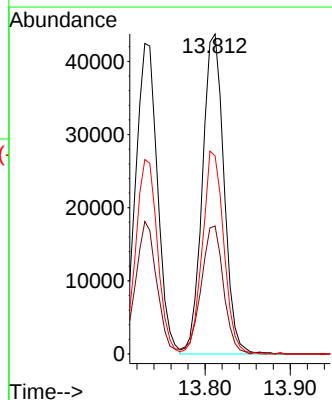
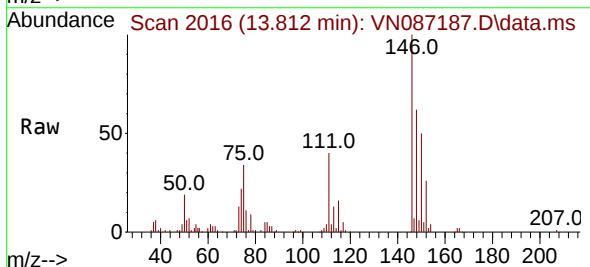
Manual Integrations
APPROVED

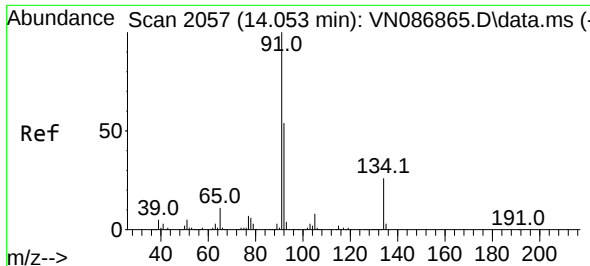
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#88
1,4-Dichlorobenzene
Concen: 16.813 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Tgt Ion:146 Resp: 76819
Ion Ratio Lower Upper
146 100
111 41.3 19.9 59.7
148 62.9 31.8 95.4





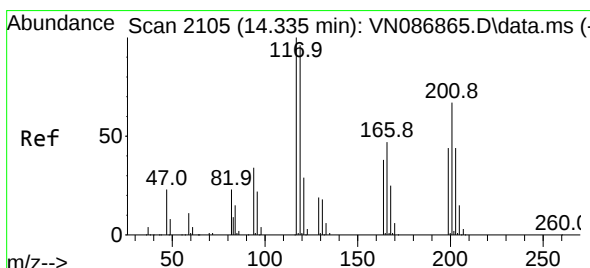
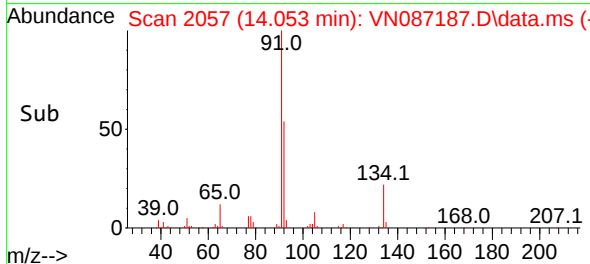
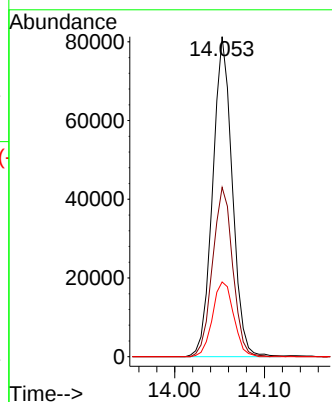
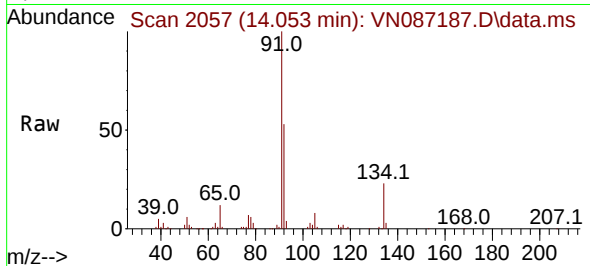
#89
n-Butylbenzene
Concen: 14.114 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01

Tgt Ion: 91 Resp: 12318
Ion Ratio Lower Upper
91 100
92 54.5 27.5 82.4
134 25.2 13.0 39.0

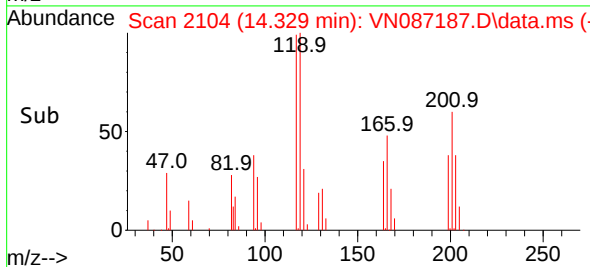
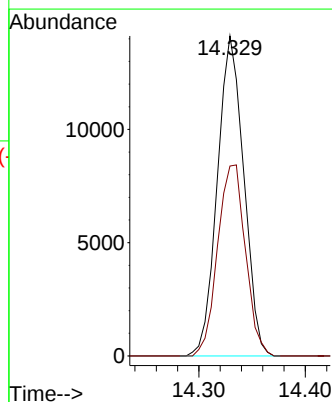
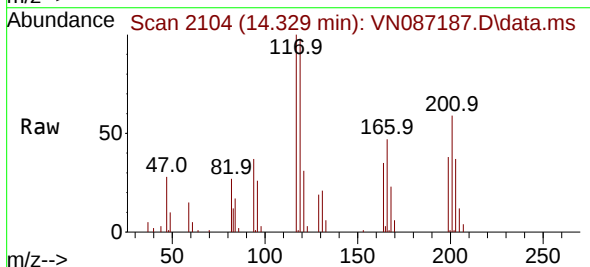
Manual Integrations
APPROVED

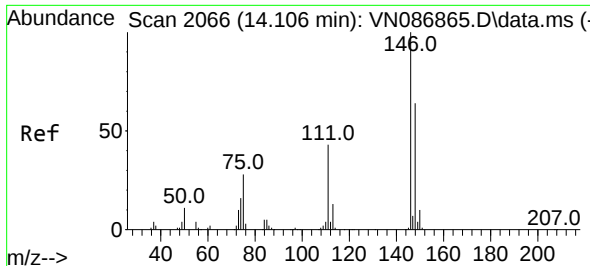
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#90
Hexachloroethane
Concen: 15.917 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Tgt Ion:117 Resp: 24311
Ion Ratio Lower Upper
117 100
201 62.9 33.2 99.6





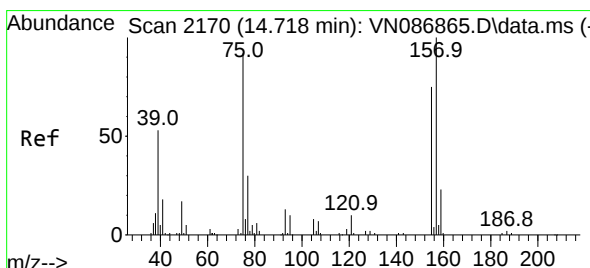
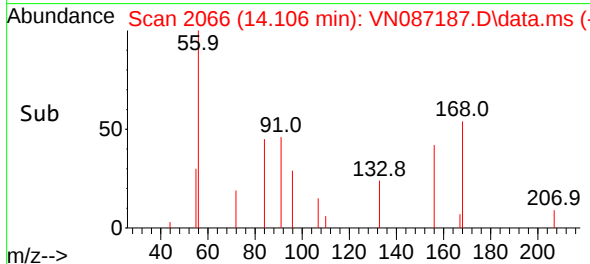
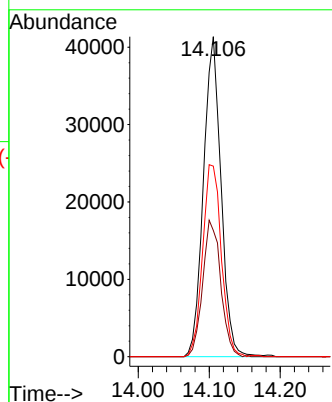
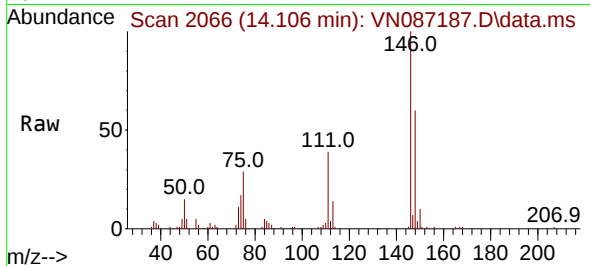
#91
1,2-Dichlorobenzene
Concen: 16.587 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01

Tgt Ion:146 Resp: 71410
Ion Ratio Lower Upper
146 100
111 43.7 21.6 64.6
148 63.6 31.7 95.1

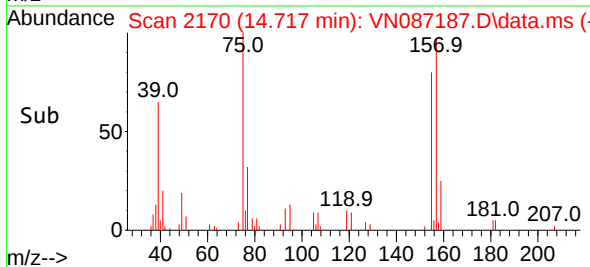
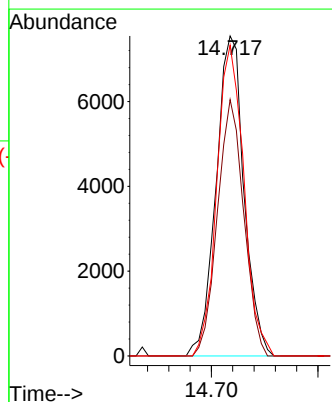
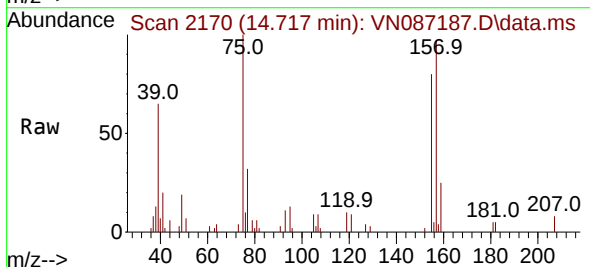
Manual Integrations
APPROVED

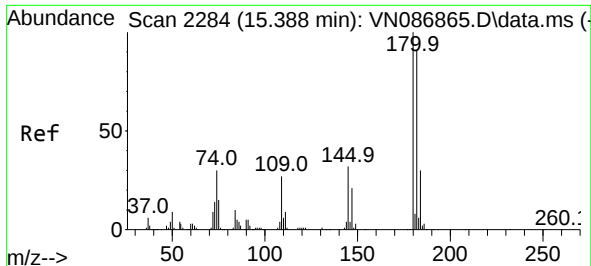
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.073 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Tgt Ion: 75 Resp: 13738
Ion Ratio Lower Upper
75 100
155 75.5 41.1 123.4
157 93.7 52.7 158.1





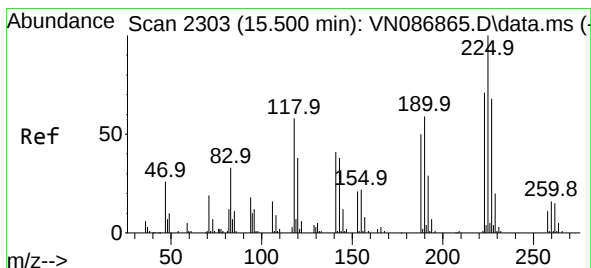
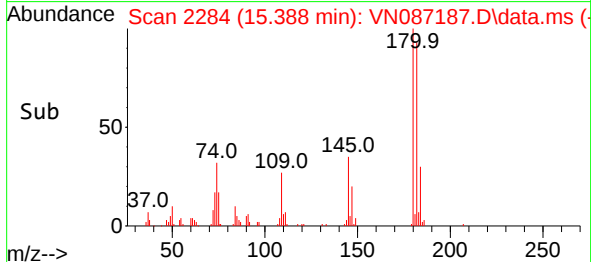
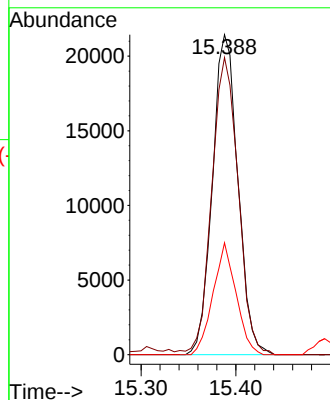
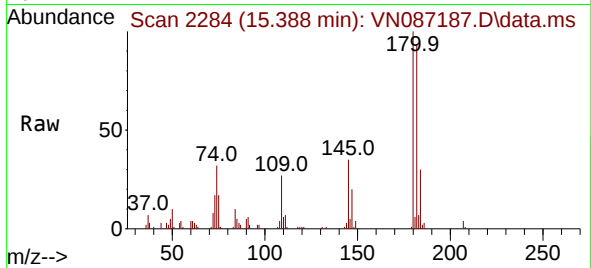
#93
1,2,4-Trichlorobenzene
Concen: 14.585 ug/l
RT: 15.388 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01

Tgt Ion:180 Resp: 4009
Ion Ratio Lower Upper
180 100
182 95.8 46.9 140.7
145 31.7 16.0 47.9

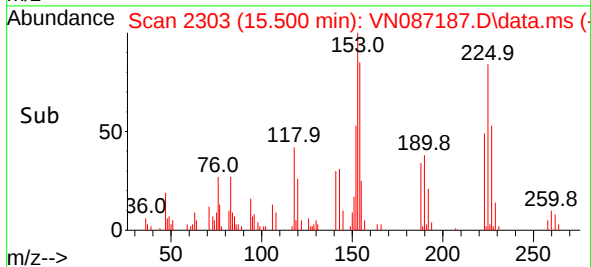
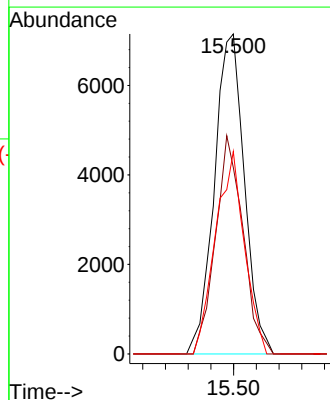
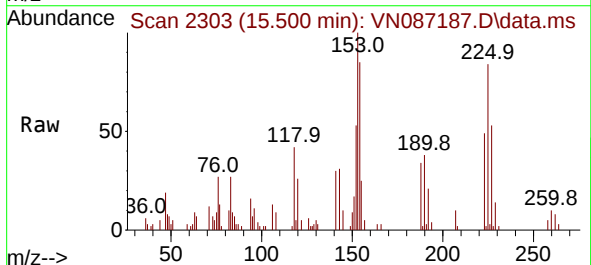
Manual Integrations
APPROVED

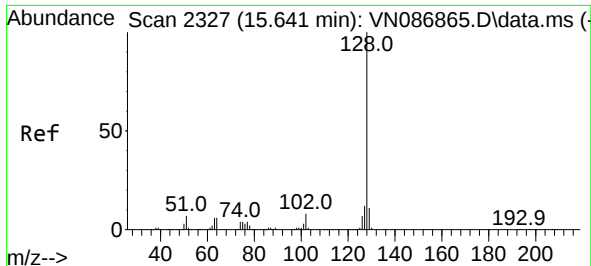
Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#94
Hexachlorobutadiene
Concen: 12.808 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

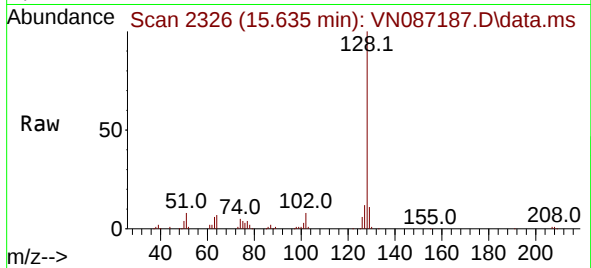
Tgt Ion:225 Resp: 13119
Ion Ratio Lower Upper
225 100
223 62.4 33.5 100.4
227 60.8 31.1 93.5





#95
Naphthalene
Concen: 14.861 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

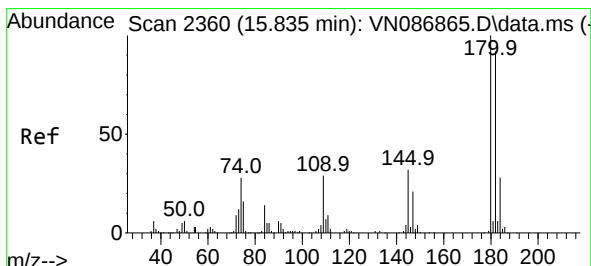
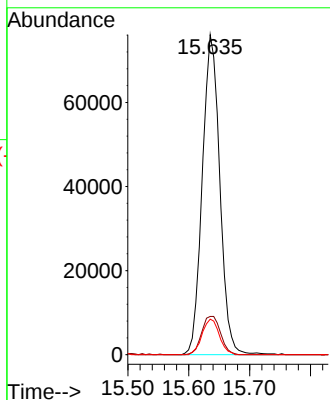
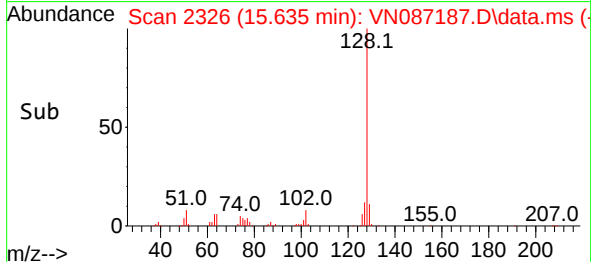
Instrument :
MSVOA_N
ClientSampleId :
VN0626WBSD01



Tgt Ion:128 Resp: 152078
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 13.482 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087187.D
Acq: 26 Jun 2025 12:22

Tgt Ion:180 Resp: 36828
Ion Ratio Lower Upper
180 100
182 92.6 47.0 141.0
145 33.6 16.6 49.8

