

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061825\
 Data File : VN087078.D
 Acq On : 18 Jun 2025 12:29
 Operator : JC\MD
 Sample : VN0618WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/19/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 19 01:25:46 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	199877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	355722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	130530	48.776	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.560%		
35) Dibromofluoromethane	8.177	113	115072	54.586	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.180%		
50) Toluene-d8	10.571	98	414255	49.639	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.280%		
62) 4-Bromofluorobenzene	12.847	95	158758	51.203	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	37416	18.775	ug/l	96
3) Chloromethane	2.395	50	43242	16.803	ug/l	99
4) Vinyl Chloride	2.554	62	53757	20.250	ug/l	96
5) Bromomethane	3.001	94	28414	19.127	ug/l	93
6) Chloroethane	3.154	64	34091	19.881	ug/l	97
7) Trichlorofluoromethane	3.530	101	70516	20.331	ug/l	93
8) Diethyl Ether	3.983	74	30211	19.992	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.401	101	43148	19.801	ug/l	99
10) Methyl Iodide	4.612	142	29377	10.400	ug/l	92
11) Tert butyl alcohol	5.542	59	66405	91.449	ug/l	98
12) 1,1-Dichloroethene	4.371	96	44564	20.032	ug/l	89
13) Acrolein	4.201	56	12851	55.910	ug/l	100
14) Allyl chloride	5.048	41	63978	17.340	ug/l	95
15) Acrylonitrile	5.736	53	162788	95.913	ug/l	98
16) Acetone	4.448	43	123060	86.712	ug/l	97
17) Carbon Disulfide	4.742	76	124534	20.237	ug/l	100
18) Methyl Acetate	5.048	43	67284	16.269	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	157144	19.509	ug/l	98
20) Methylene Chloride	5.295	84	51576	19.412	ug/l	95
21) trans-1,2-Dichloroethene	5.806	96	47826	19.322	ug/l	93
22) Diisopropyl ether	6.683	45	142554	18.330	ug/l	93
23) Vinyl Acetate	6.618	43	638145	97.117	ug/l	97
24) 1,1-Dichloroethane	6.594	63	85740	19.157	ug/l	99
25) 2-Butanone	7.494	43	206882	89.683	ug/l	99
26) 2,2-Dichloropropane	7.500	77	71814	20.627	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	57739	19.505	ug/l	98
28) Bromochloromethane	7.824	49	39060	17.750	ug/l	93
29) Tetrahydrofuran	7.853	42	139224	92.647	ug/l	96
30) Chloroform	7.977	83	86413	19.333	ug/l	98
31) Cyclohexane	8.265	56	77144	17.773	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	72955	19.191	ug/l	96
36) 1,1-Dichloropropene	8.383	75	61819	19.680	ug/l	98
37) Ethyl Acetate	7.571	43	75894	18.979	ug/l	99
38) Carbon Tetrachloride	8.371	117	60871	19.738	ug/l	95
39) Methylcyclohexane	9.606	83	71831	16.691	ug/l	99
40) Benzene	8.612	78	204668	19.925	ug/l	100

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 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)
41) Methacrylonitrile	7.789	41	42088	18.741	ug/l	96
42) 1,2-Dichloroethane	8.677	62	62203	19.965	ug/l	99
43) Isopropyl Acetate	8.694	43	118455	18.456	ug/l	97
44) Trichloroethene	9.359	130	49327	20.252	ug/l	95
45) 1,2-Dichloropropane	9.624	63	49868	19.955	ug/l	96
46) Dibromomethane	9.712	93	35344	21.293	ug/l	99
47) Bromodichloromethane	9.894	83	69016	20.208	ug/l	99
48) Methyl methacrylate	9.688	41	53532	18.122	ug/l	97
49) 1,4-Dioxane	9.706	88	22250	414.025	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	367801	95.192	ug/l	99
52) Toluene	10.630	92	125407	19.977	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	76696	20.083	ug/l	94
54) cis-1,3-Dichloropropene	10.312	75	83203	20.362	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	49865	20.644	ug/l	98
56) Ethyl methacrylate	10.882	69	76379	19.853	ug/l	96
57) 1,3-Dichloropropane	11.165	76	83717	19.979	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	223734	97.500	ug/l	99
59) 2-Hexanone	11.206	43	217660	87.456	ug/l	91
60) Dibromochloromethane	11.359	129	52878	21.011	ug/l	100
61) 1,2-Dibromoethane	11.471	107	50664	20.463	ug/l	98
64) Tetrachloroethene	11.106	164	38209	19.048	ug/l	98
65) Chlorobenzene	11.888	112	138857	19.864	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	44748	19.914	ug/l	98
67) Ethyl Benzene	11.965	91	228678	18.992	ug/l	99
68) m/p-Xylenes	12.071	106	182006	39.487	ug/l	99
69) o-Xylene	12.394	106	86208	19.528	ug/l	99
70) Styrene	12.412	104	146203	19.354	ug/l	99
71) Bromoform	12.576	173	36112	21.689	ug/l #	98
73) Isopropylbenzene	12.694	105	212956	18.529	ug/l	99
74) N-amyl acetate	12.535	43	71851m	17.891	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	79131	20.324	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	67255m	17.935	ug/l	
77) Bromobenzene	12.976	156	53761	20.397	ug/l	98
78) n-propylbenzene	13.035	91	256105	18.337	ug/l	100
79) 2-Chlorotoluene	13.123	91	155964m	18.620	ug/l	
80) 1,3,5-Trimethylbenzene	13.171	105	175372	18.482	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	31264	19.192	ug/l	90
82) 4-Chlorotoluene	13.218	91	159718	18.845	ug/l	98
83) tert-Butylbenzene	13.435	119	147768	17.013	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	178175	18.726	ug/l	100
85) sec-Butylbenzene	13.612	105	212455	16.843	ug/l	100
86) p-Isopropyltoluene	13.729	119	179938	17.257	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	101456	19.565	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	104311	19.730	ug/l	99
89) n-Butylbenzene	14.053	91	160262	15.868	ug/l	99
90) Hexachloroethane	14.329	117	32379	18.320	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	97054	19.480	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18002	19.333	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	55179	17.344	ug/l	98
94) Hexachlorobutadiene	15.494	225	17675	14.912	ug/l	97
95) Naphthalene	15.635	128	213986	18.070	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	53898	17.052	ug/l	98

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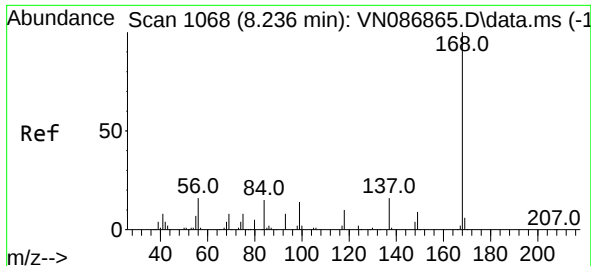
Manual Integrations
APPROVED

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Quant Time: Jun 19 01:25:46 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

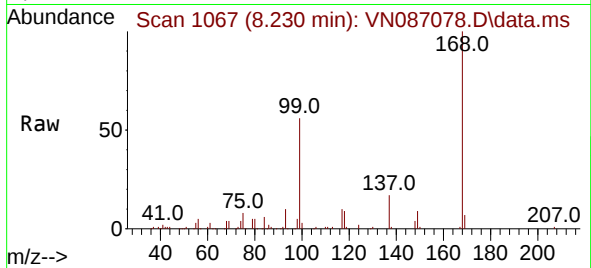
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN087078.D
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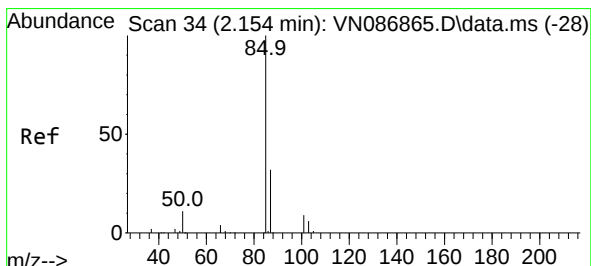
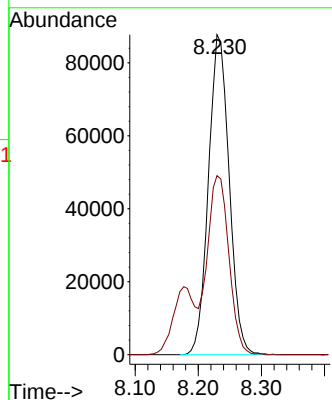
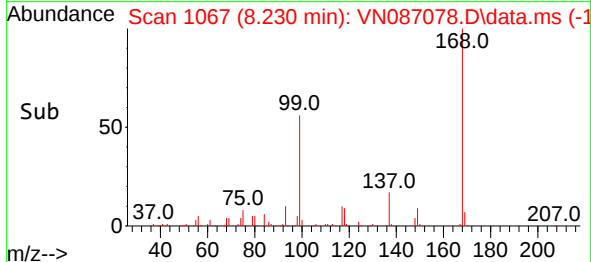
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



Tgt Ion:168 Resp: 19987
Ion Ratio Lower Upper
168 100
99 55.9 49.1 73.7

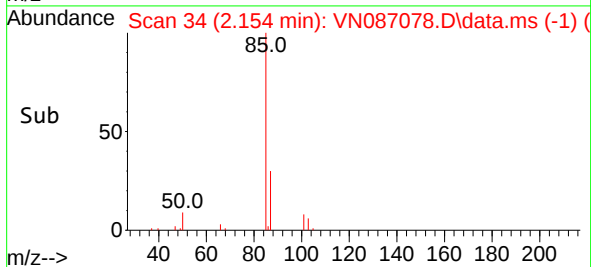
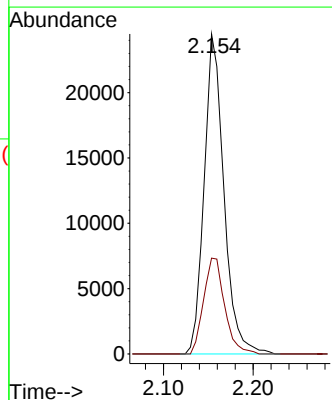
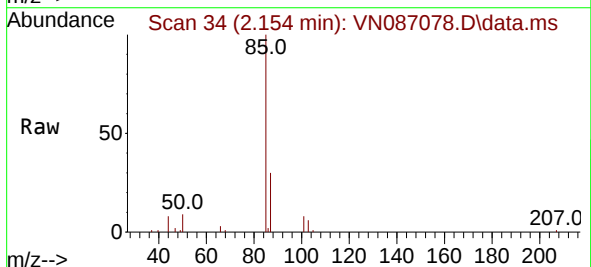
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#2
Dichlorodifluoromethane
Concen: 18.775 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

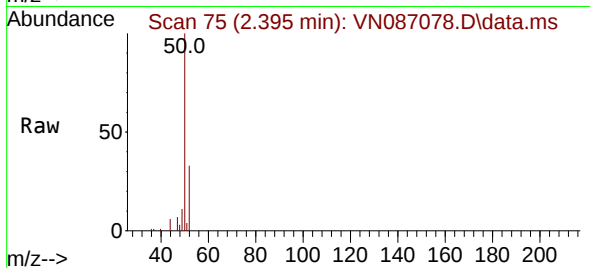
Tgt Ion: 85 Resp: 37416
Ion Ratio Lower Upper
85 100
87 29.9 16.2 48.6





#3
Chloromethane
Concen: 16.803 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

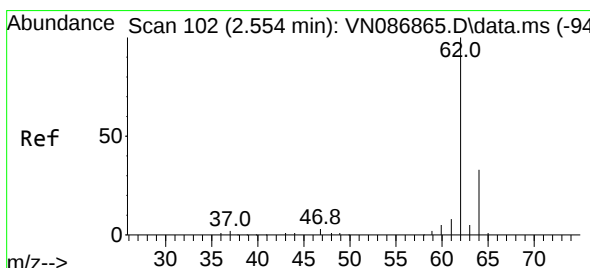
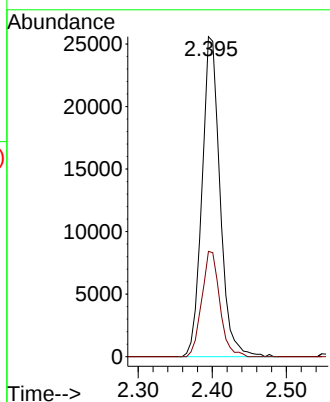
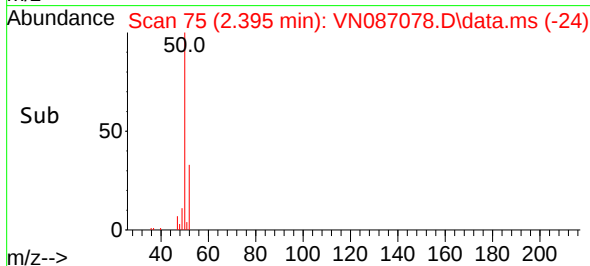
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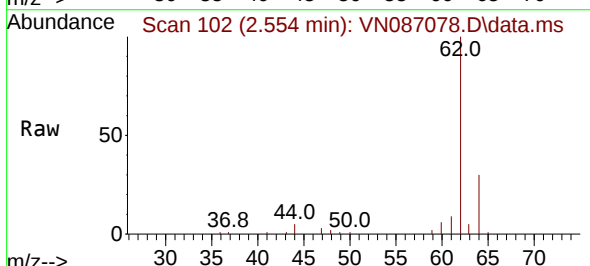
Tgt Ion: 50 Resp: 4324
Ion Ratio Lower Upper
50 100
52 32.9 25.7 38.5

Manual Integrations
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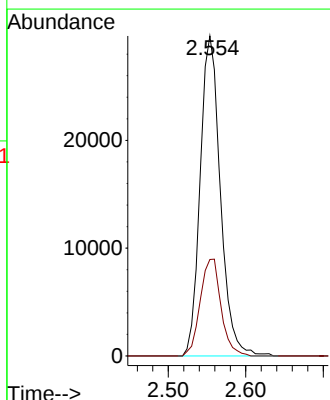
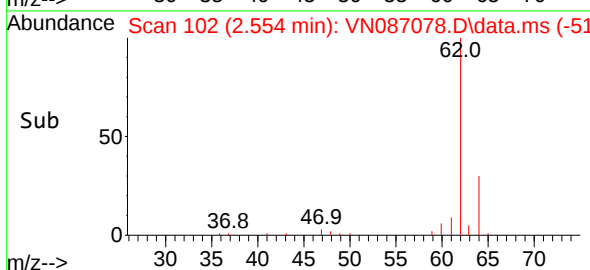
Reviewed By :John Carlone 06/19/2025
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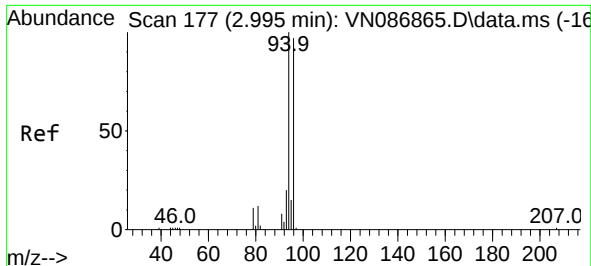


#4
Vinyl Chloride
Concen: 20.250 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29



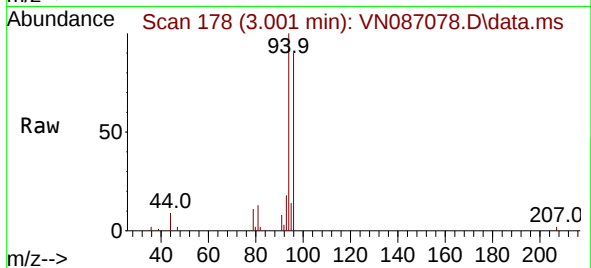
Tgt Ion: 62 Resp: 53757
Ion Ratio Lower Upper
62 100
64 30.1 26.0 39.0





#5
Bromomethane
Concen: 19.127 ug/l
RT: 3.001 min Scan# 177
Delta R.T. 0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

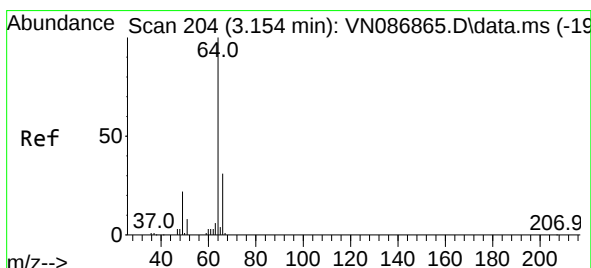
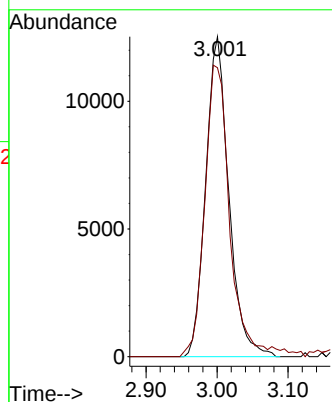
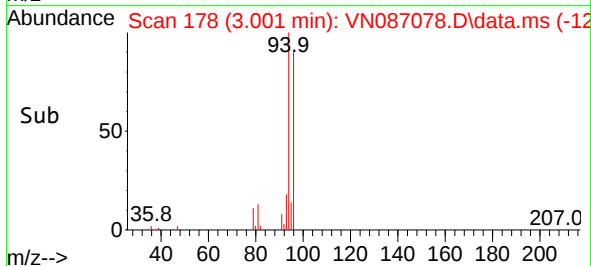
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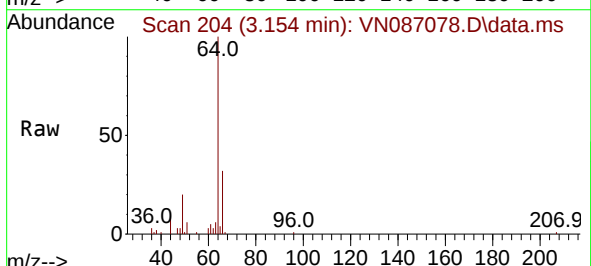
Tgt Ion: 94 Resp: 28414
Ion Ratio Lower Upper
94 100
96 90.3 77.9 116.9

Manual Integrations
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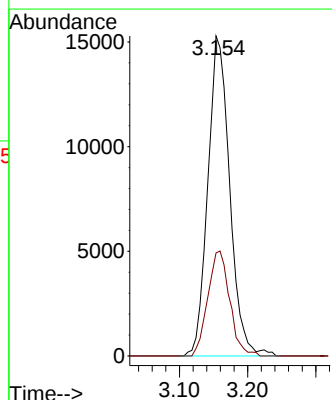
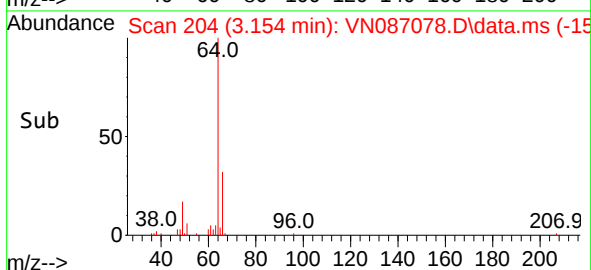
Reviewed By :John Carlone 06/19/2025
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#6
Chloroethane
Concen: 19.881 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29



Tgt Ion: 64 Resp: 34091
Ion Ratio Lower Upper
64 100
66 32.2 24.6 36.8





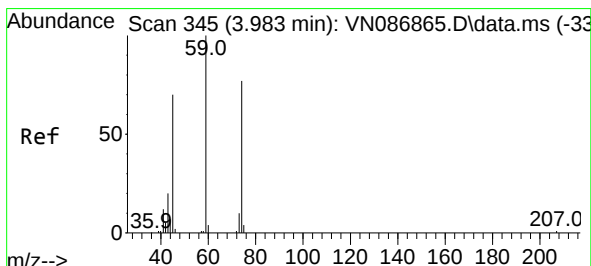
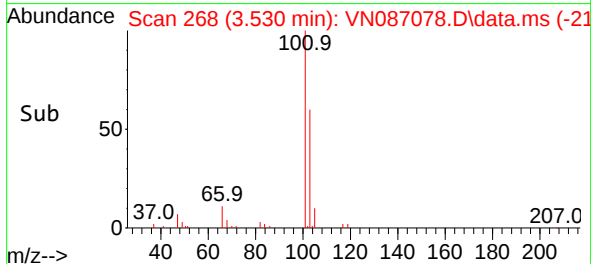
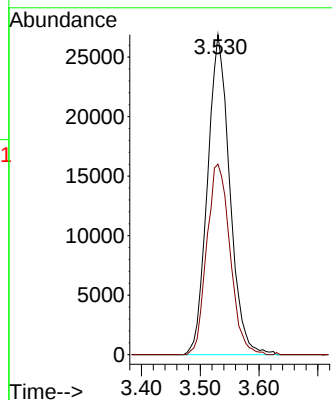
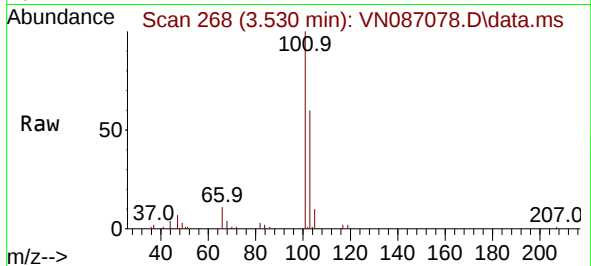
#7
 Trichlorofluoromethane
 Concen: 20.331 ug/l
 RT: 3.530 min Scan# 268
 Delta R.T. 0.006 min
 Lab File: VN087078.D
 Acq: 18 Jun 2025 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:101 Resp: 70510
 Ion Ratio Lower Upper
 101 100
 103 59.6 52.2 78.2

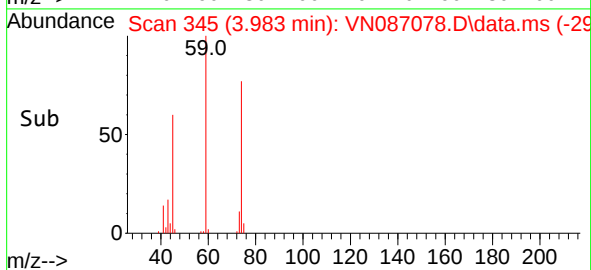
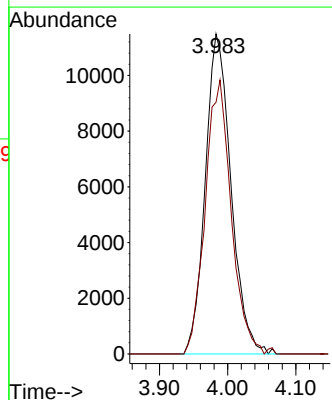
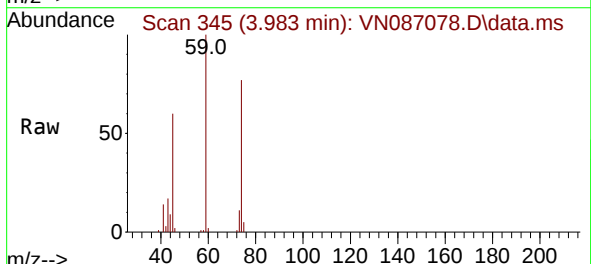
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#8
 Diethyl Ether
 Concen: 19.992 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087078.D
 Acq: 18 Jun 2025 12:29

Tgt Ion: 74 Resp: 30211
 Ion Ratio Lower Upper
 74 100
 45 86.2 45.5 136.5





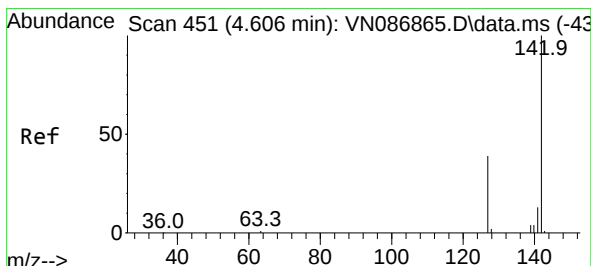
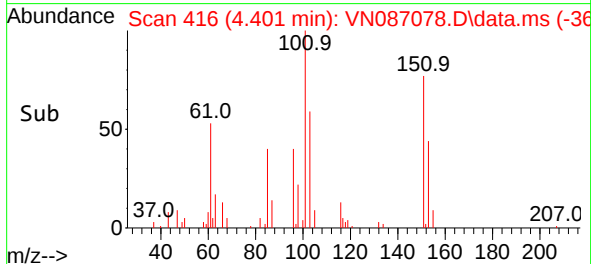
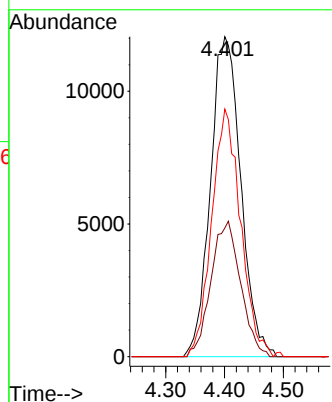
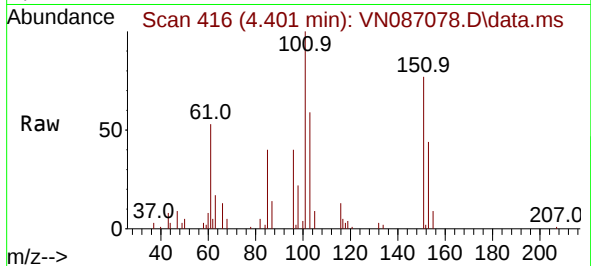
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.801 ug/l
RT: 4.401 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087078.D
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Tgt Ion:101 Resp: 4314
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.8
151 73.5 58.7 88.1

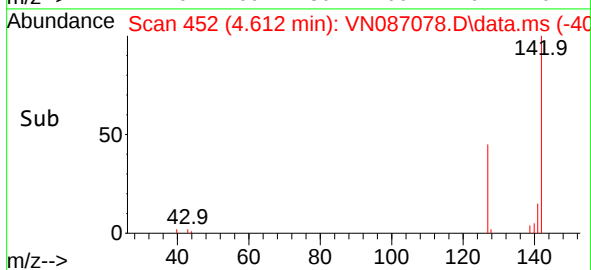
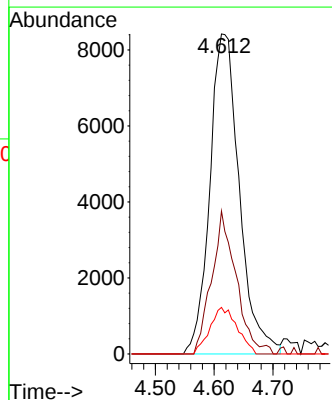
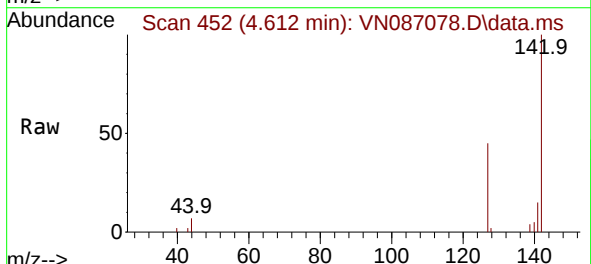
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 10.400 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

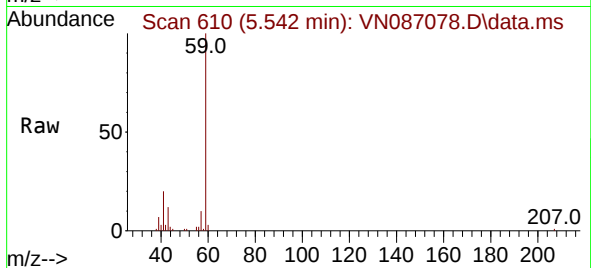
Tgt Ion:142 Resp: 29377
Ion Ratio Lower Upper
142 100
127 44.7 30.9 46.3
141 14.5 10.4 15.6





#11
Tert butyl alcohol
Concen: 91.449 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

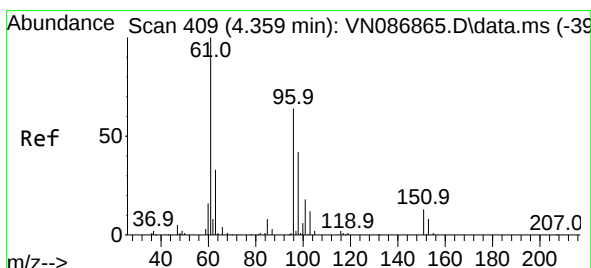
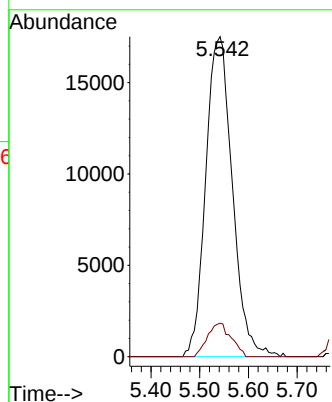
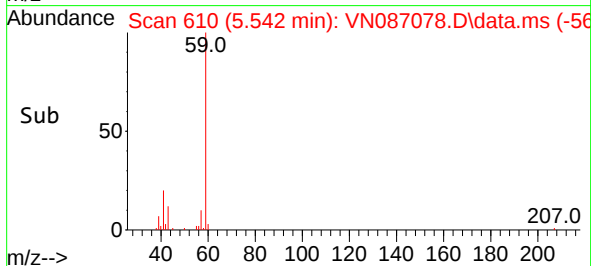
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



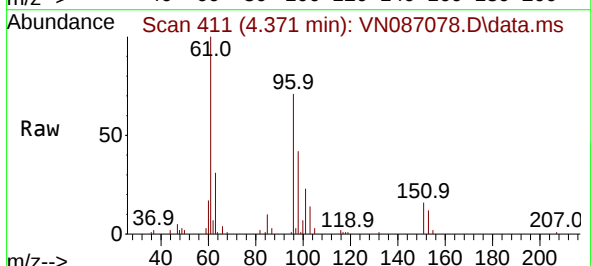
Tgt Ion: 59 Resp: 6640
Ion Ratio Lower Upper
59 100
57 9.3 8.1 12.1

Manual Integrations
APPROVED

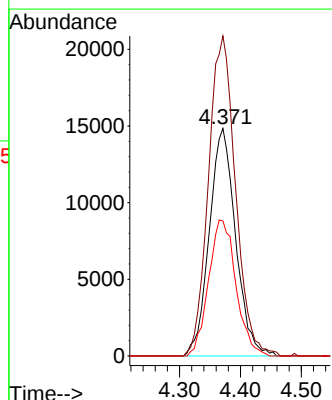
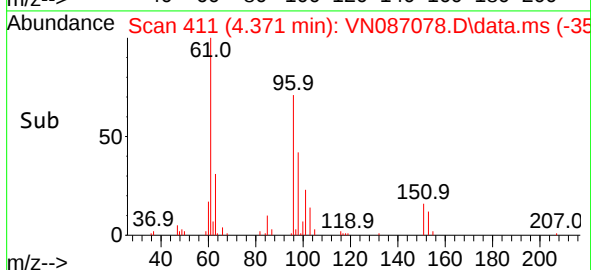
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

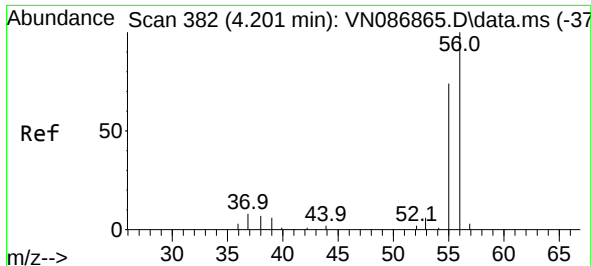


#12
1,1-Dichloroethene
Concen: 20.032 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29



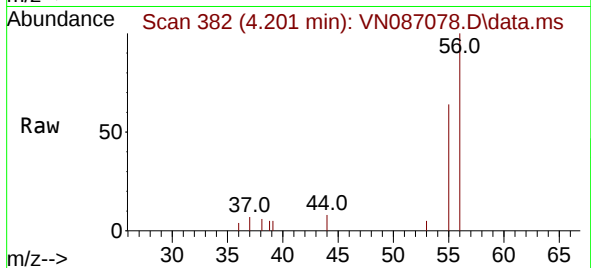
Tgt Ion: 96 Resp: 44564
Ion Ratio Lower Upper
96 100
61 140.7 125.8 188.6
98 59.4 52.5 78.7





#13
Acrolein
Concen: 55.910 ug/l
RT: 4.201 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

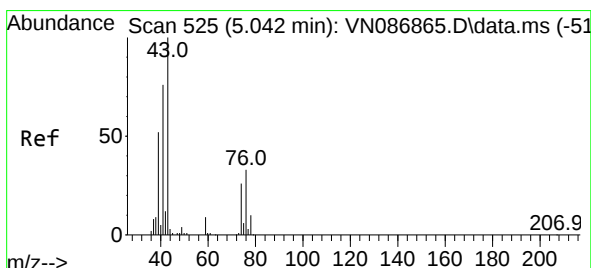
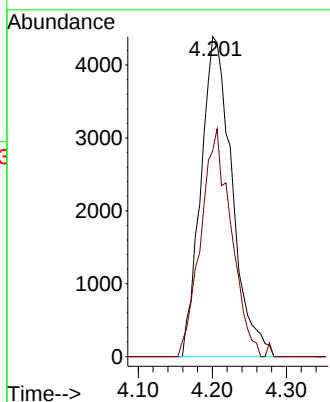
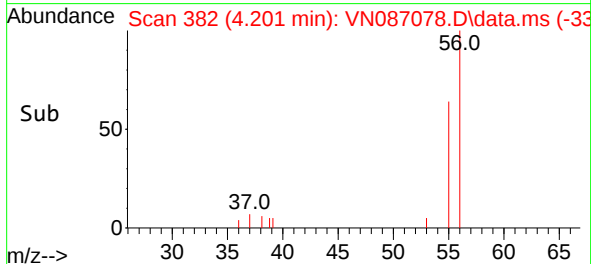
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



Tgt Ion: 56 Resp: 1285
Ion Ratio Lower Upper
56 100
55 69.3 55.6 83.4

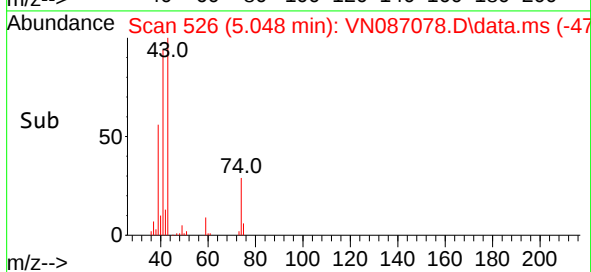
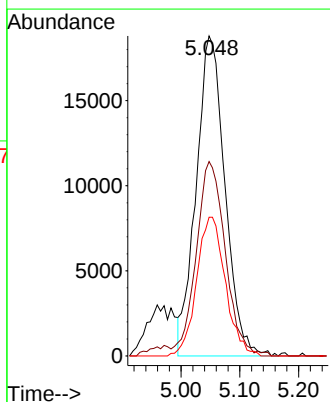
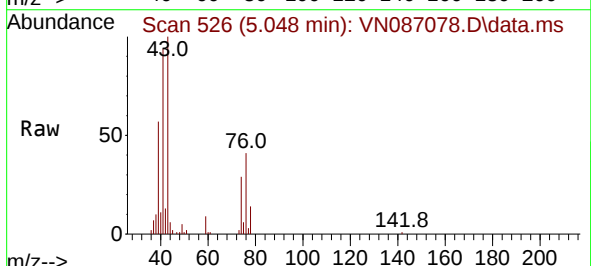
Manual Integrations
APPROVED

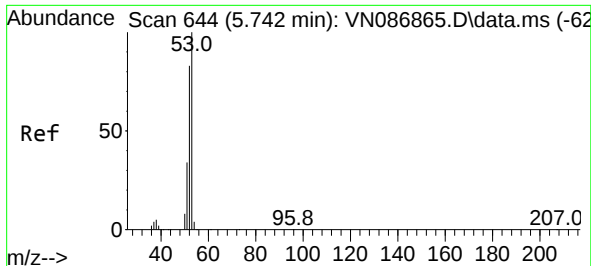
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#14
Allyl chloride
Concen: 17.340 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

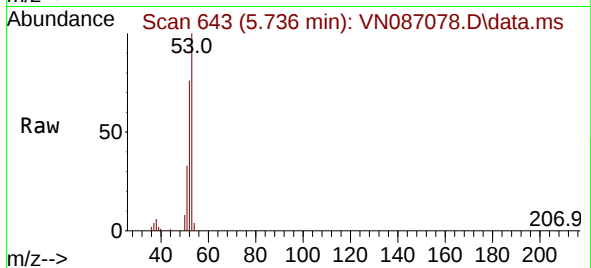
Tgt Ion: 41 Resp: 63978
Ion Ratio Lower Upper
41 100
39 61.4 51.3 76.9
76 43.3 31.4 47.0





#15
Acrylonitrile
Concen: 95.913 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

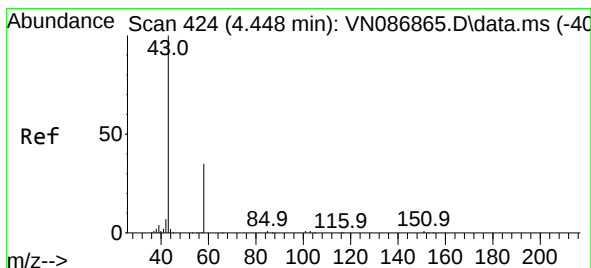
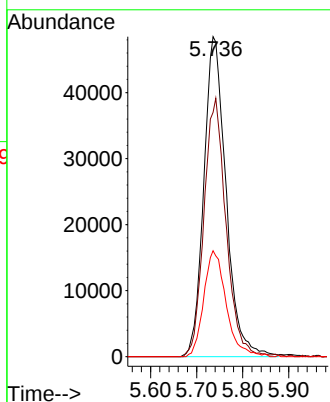
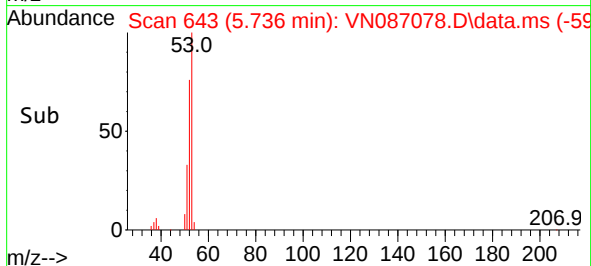
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



Tgt Ion: 53 Resp: 162788
Ion Ratio Lower Upper
53 100
52 79.7 65.0 97.6
51 33.4 27.2 40.8

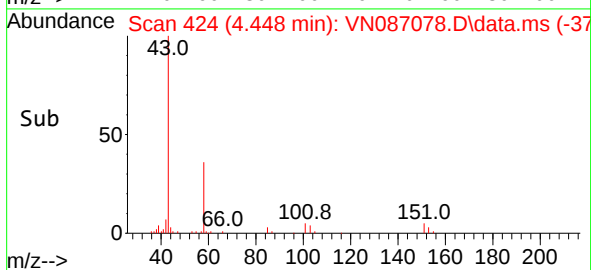
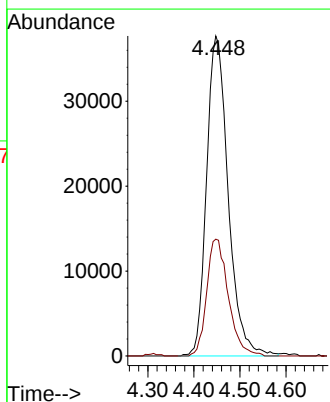
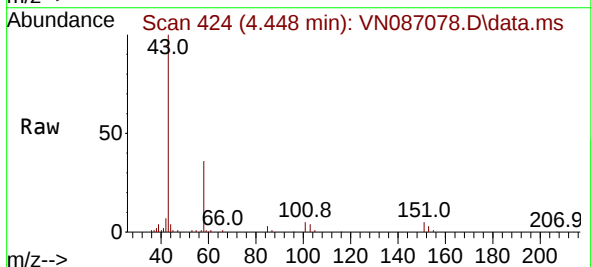
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 86.712 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Tgt Ion: 43 Resp: 123060
Ion Ratio Lower Upper
43 100
58 36.5 28.0 42.0





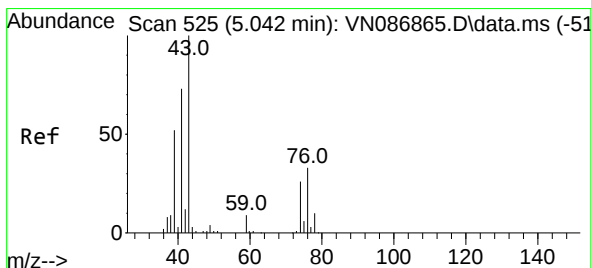
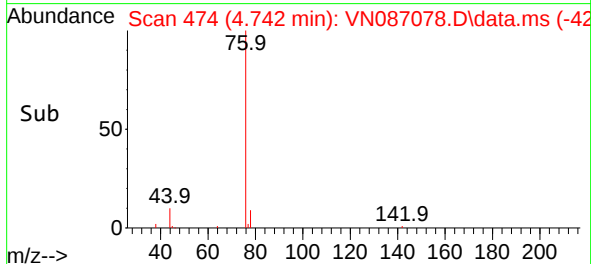
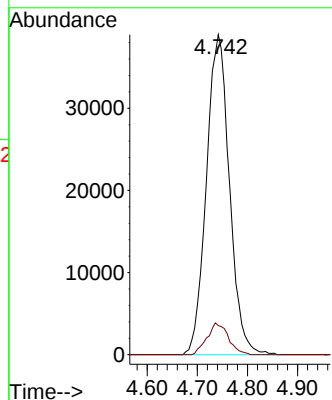
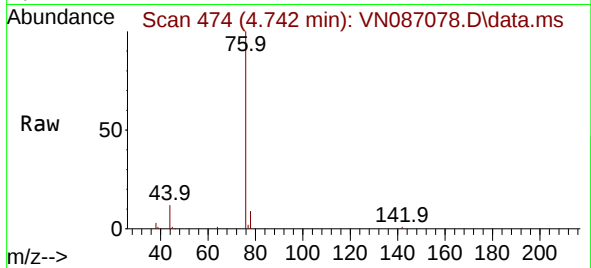
#17
Carbon Disulfide
Concen: 20.237 ug/l
RT: 4.742 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

Tgt Ion: 76 Resp: 124534
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

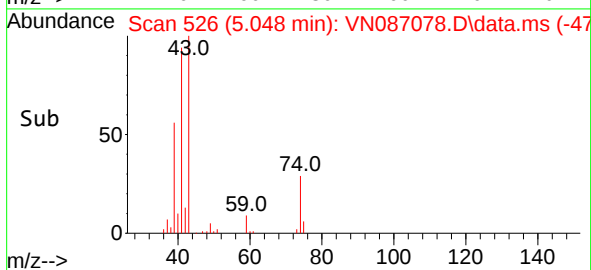
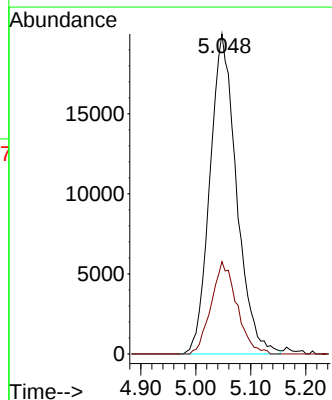
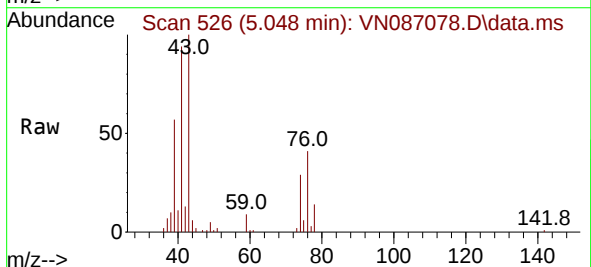
Manual Integrations
APPROVED

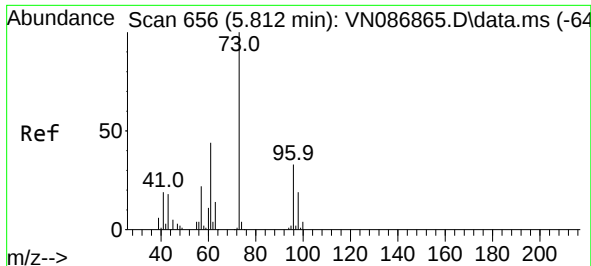
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#18
Methyl Acetate
Concen: 16.269 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

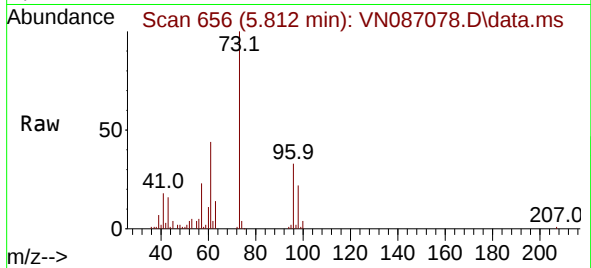
Tgt Ion: 43 Resp: 67284
Ion Ratio Lower Upper
43 100
74 27.7 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 19.509 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

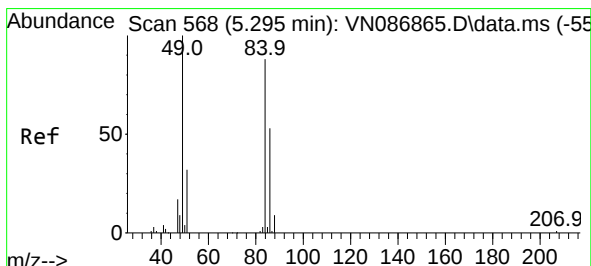
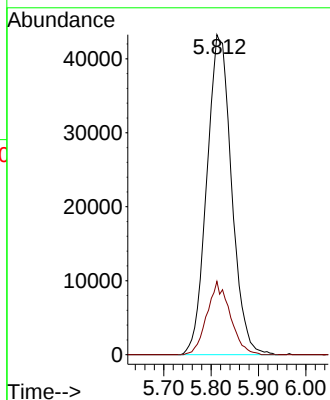
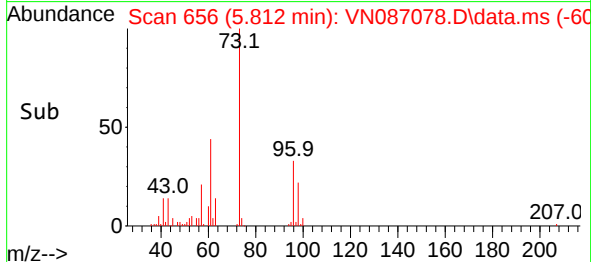
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



Tgt Ion: 73 Resp: 157144
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2

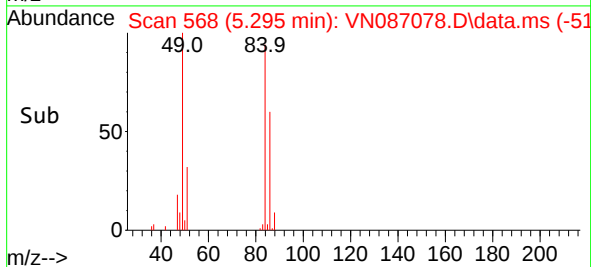
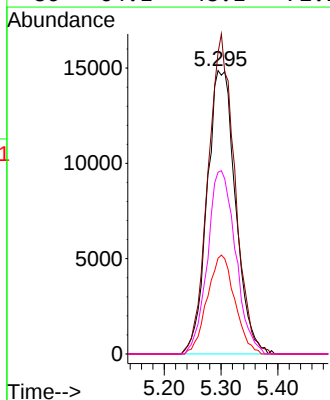
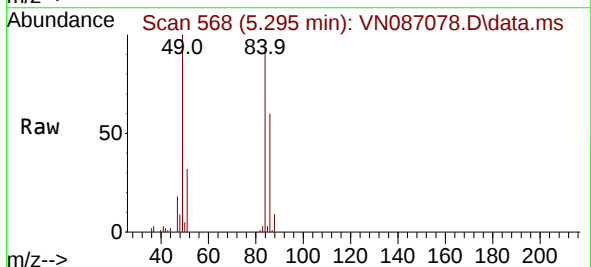
Manual Integrations
APPROVED

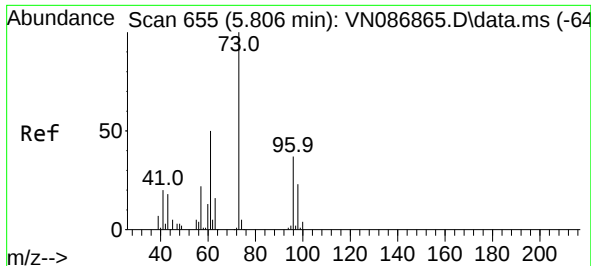
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 19.412 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

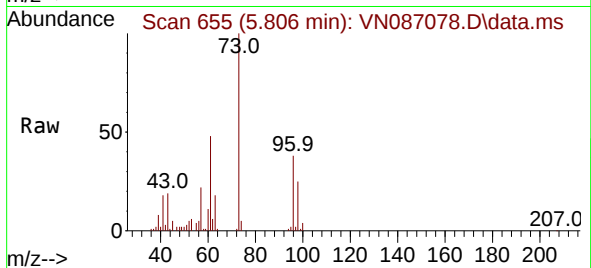
Tgt Ion: 84 Resp: 51576
Ion Ratio Lower Upper
84 100
49 106.4 90.5 135.7
51 33.8 28.5 42.7
86 64.1 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 19.322 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

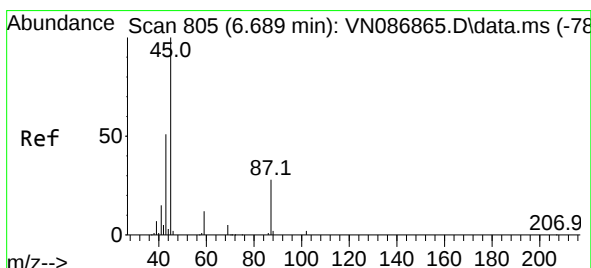
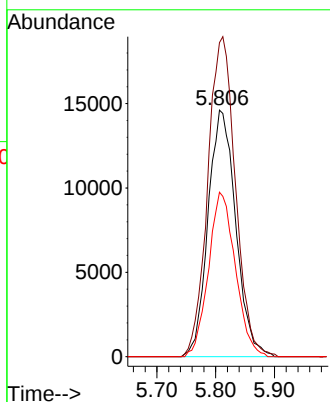
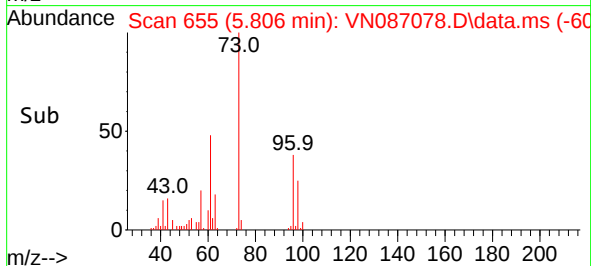
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



Tgt Ion: 96 Resp: 47820
Ion Ratio Lower Upper
96 100
61 127.3 109.2 163.8
98 66.7 49.8 74.8

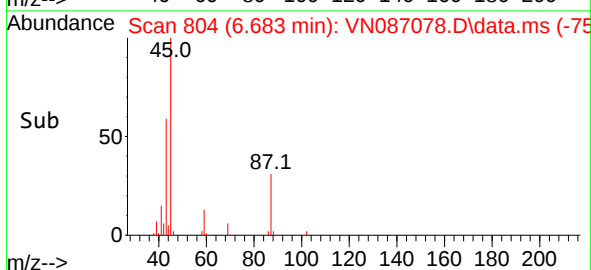
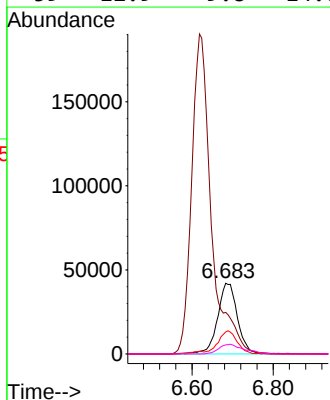
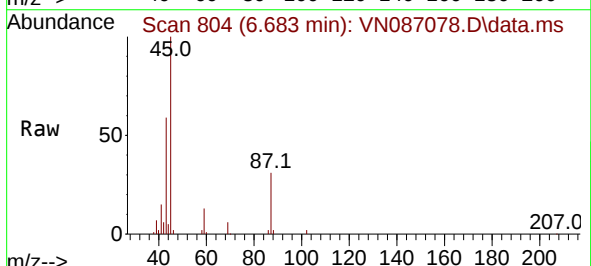
Manual Integrations
APPROVED

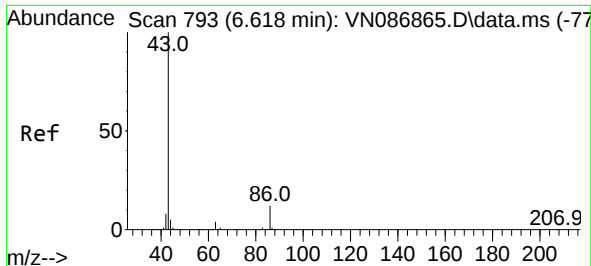
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#22
Diisopropyl ether
Concen: 18.330 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

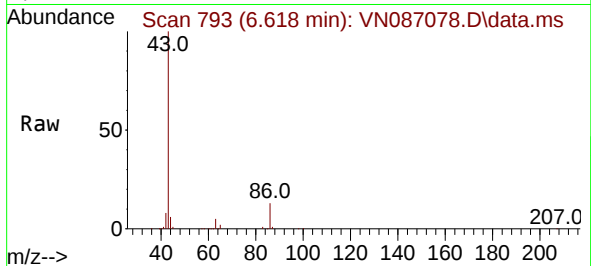
Tgt Ion: 45 Resp: 142554
Ion Ratio Lower Upper
45 100
43 58.0 41.9 62.9
87 31.2 22.4 33.6
59 12.9 9.8 14.6





#23
 Vinyl Acetate
 Concen: 97.117 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087078.D
 Acq: 18 Jun 2025 12:29

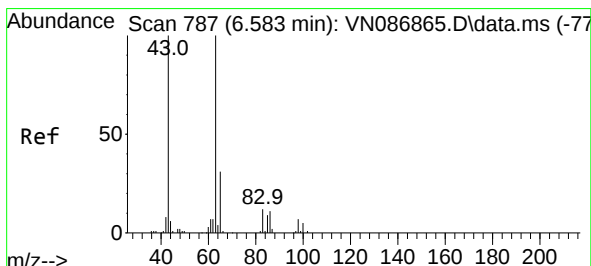
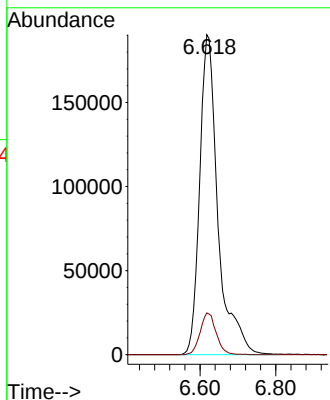
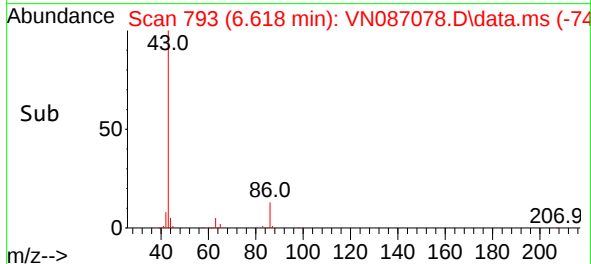
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01



Tgt Ion: 43 Resp: 63814
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.5 14.3

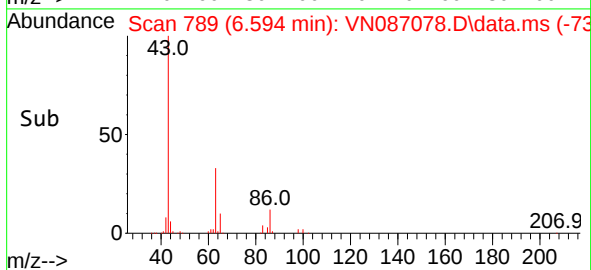
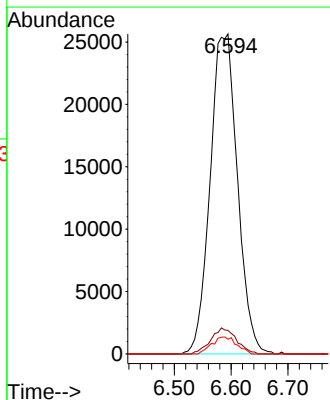
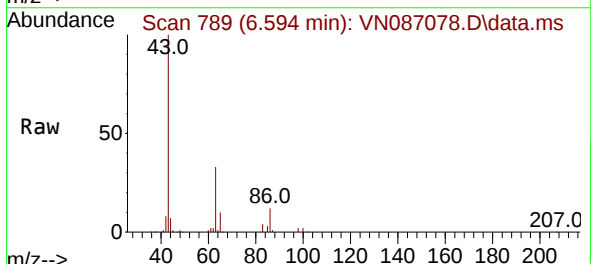
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/19/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#24
 1,1-Dichloroethane
 Concen: 19.157 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.012 min
 Lab File: VN087078.D
 Acq: 18 Jun 2025 12:29

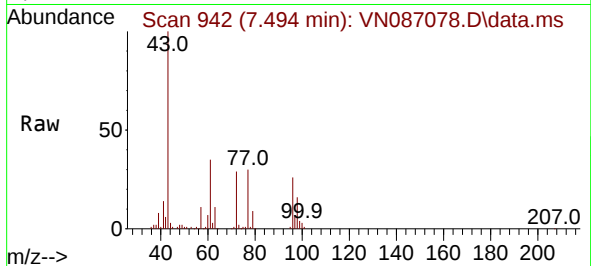
Tgt Ion: 63 Resp: 85740
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.6 2.6 7.8





#25
2-Butanone
Concen: 89.683 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

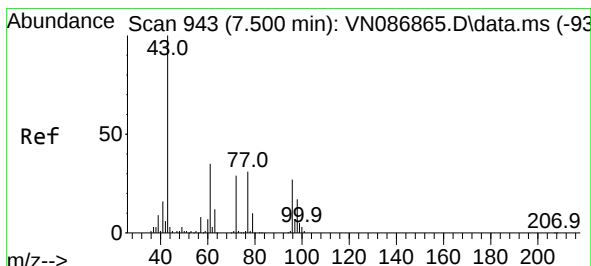
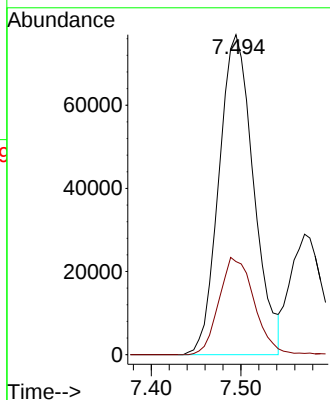
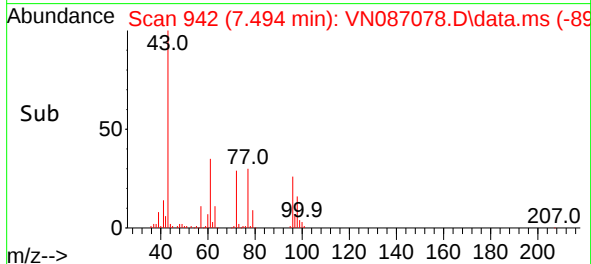
Instrument :
MSVOA_N
Client Sample Id :
VN0618WBSD01



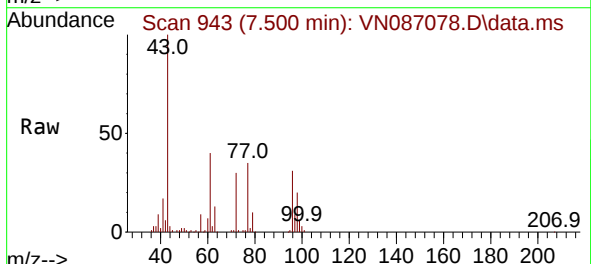
Tgt Ion: 43 Resp: 20688
Ion Ratio Lower Upper
43 100
72 29.1 23.0 34.6

Manual Integrations
APPROVED

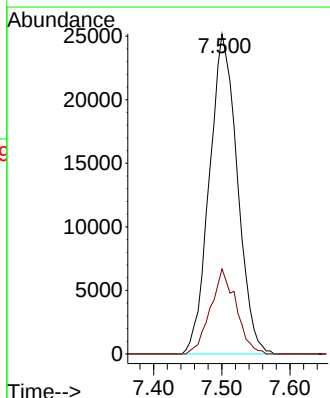
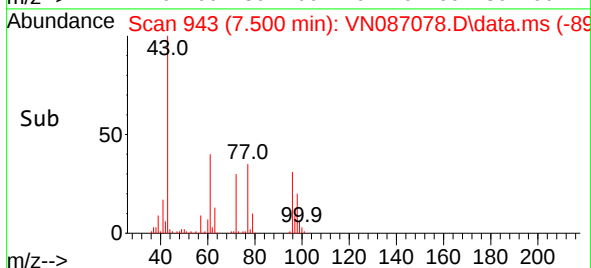
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#26
2,2-Dichloropropane
Concen: 20.627 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29



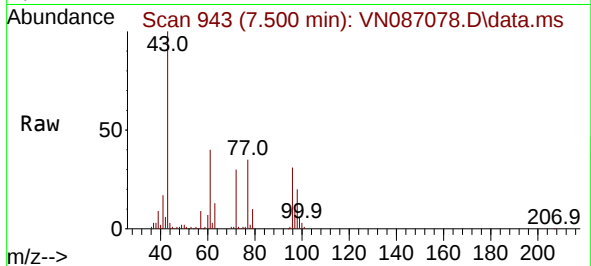
Tgt Ion: 77 Resp: 71814
Ion Ratio Lower Upper
77 100
97 24.5 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.505 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087078.D
 Acq: 18 Jun 2025 12:29

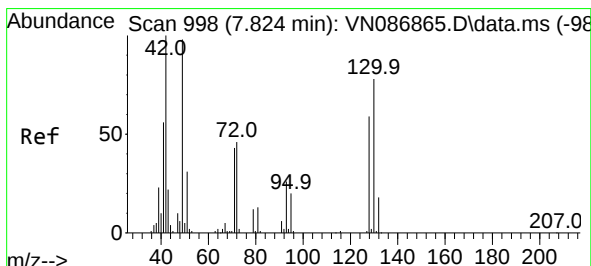
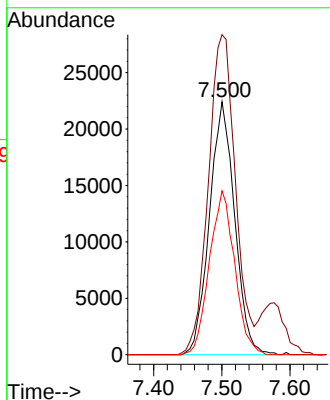
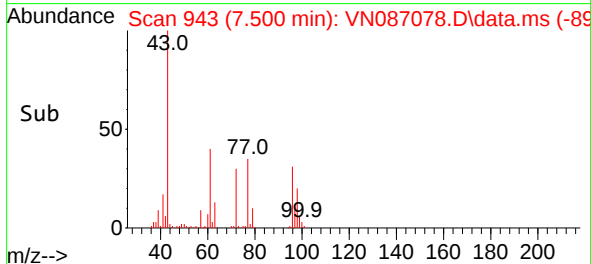
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01



Tgt Ion: 96 Resp: 57739
 Ion Ratio Lower Upper
 96 100
 61 135.7 0.0 278.0
 98 64.9 0.0 128.2

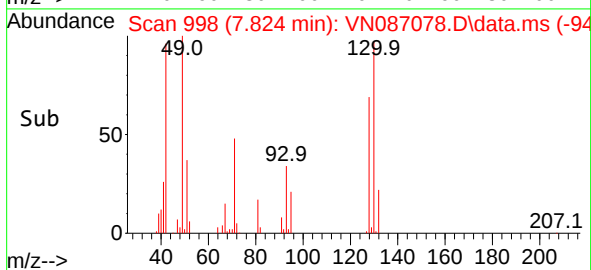
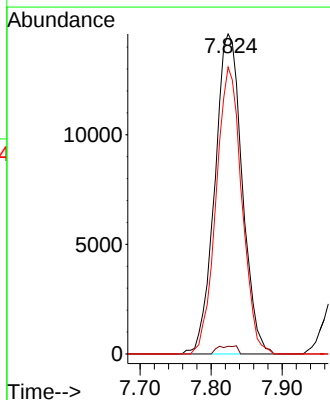
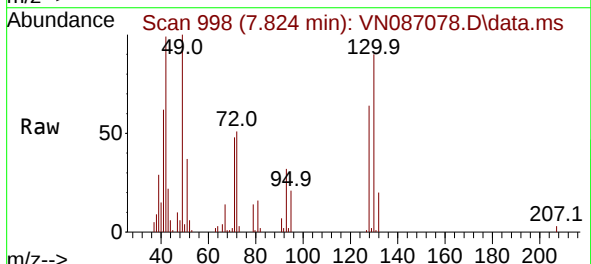
Manual Integrations
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Reviewed By :John Carlone 06/19/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#28
 Bromochloromethane
 Concen: 17.750 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087078.D
 Acq: 18 Jun 2025 12:29

Tgt Ion: 49 Resp: 39060
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 84.1 62.2 93.2





#29

Tetrahydrofuran

Concen: 92.647 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

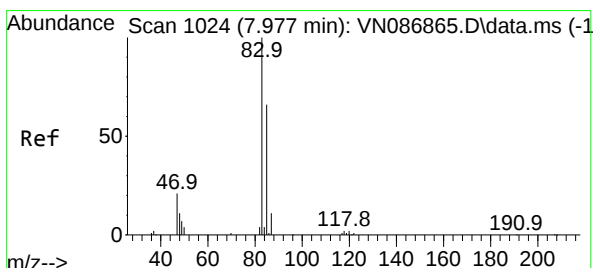
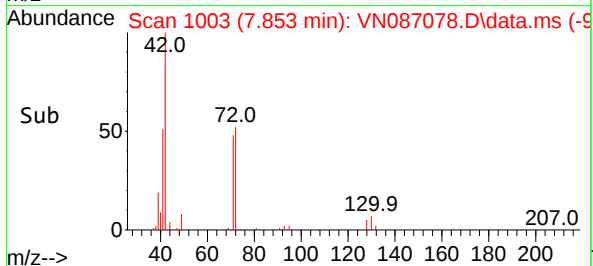
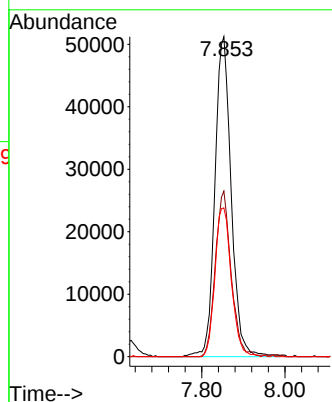
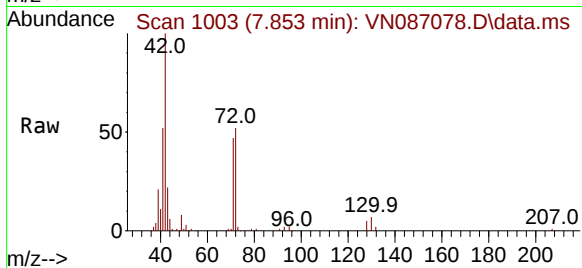
VN0618WBSD01

Tgt Ion:	42	Resp:	139224
Ion Ratio	Lower	Upper	
42	100		
72	50.2	37.8	56.6
71	46.7	35.6	53.4

Manual Integrations

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Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#30

Chloroform

Concen: 19.333 ug/l

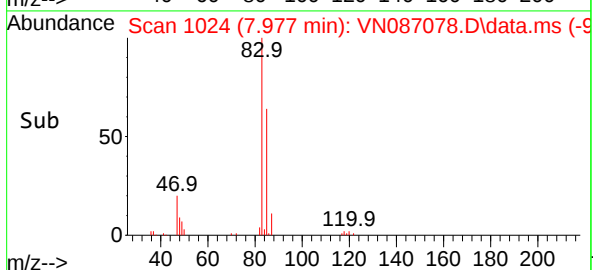
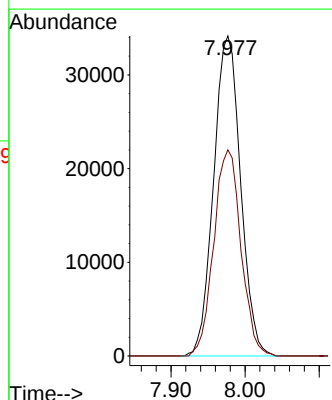
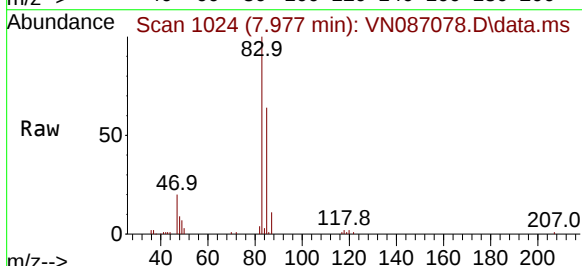
RT: 7.977 min Scan# 1024

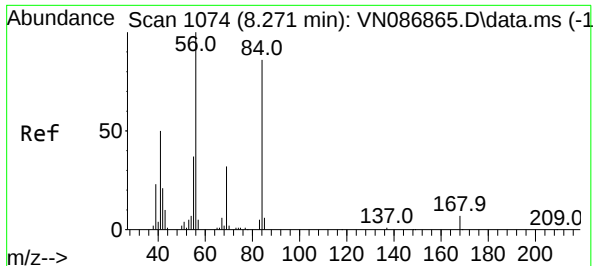
Delta R.T. -0.000 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

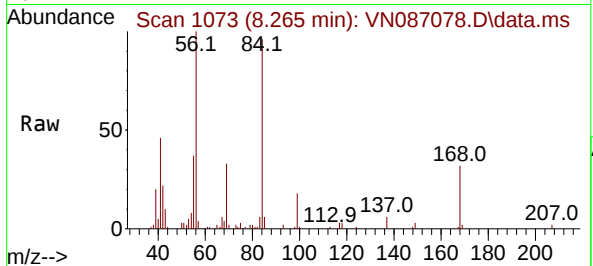
Tgt Ion:	83	Resp:	86413
Ion Ratio	Lower	Upper	
83	100		
85	64.4	52.9	79.3





#31
Cyclohexane
Concen: 17.773 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

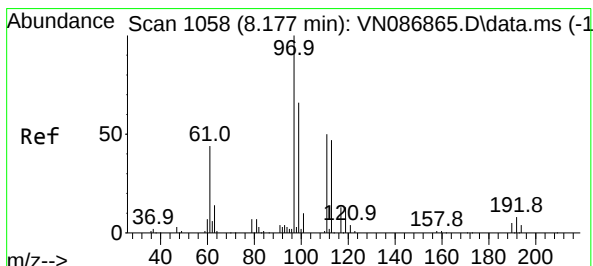
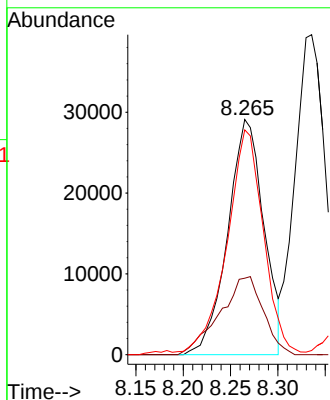
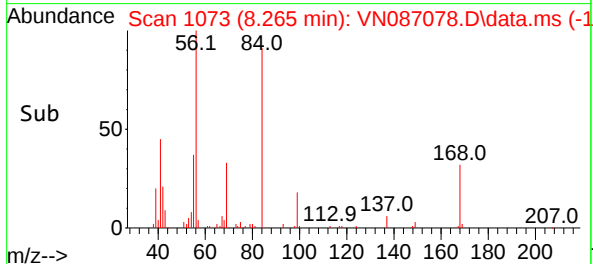
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



Tgt Ion: 56 Resp: 77144
Ion Ratio Lower Upper
56 100
69 32.5 25.4 38.0
84 94.3 68.8 103.2

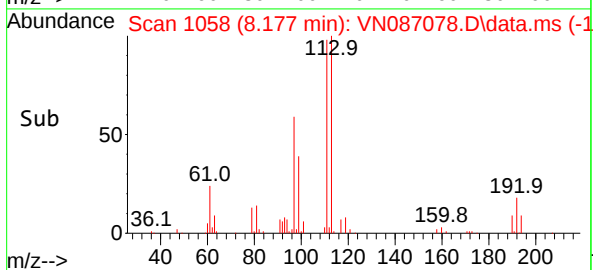
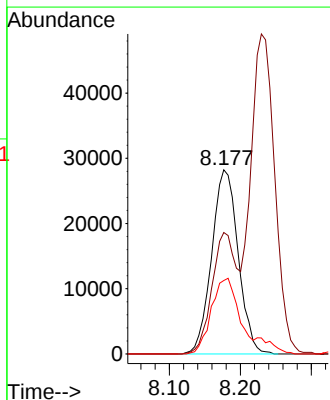
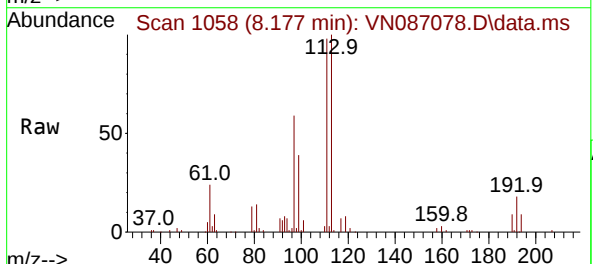
Manual Integrations
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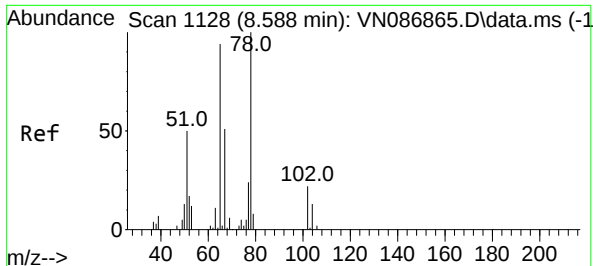
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 19.191 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Tgt Ion: 97 Resp: 72955
Ion Ratio Lower Upper
97 100
99 63.0 52.0 78.0
61 48.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 48.776 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

Tgt Ion: 65 Resp: 130530

Ion Ratio Lower Upper

65 100

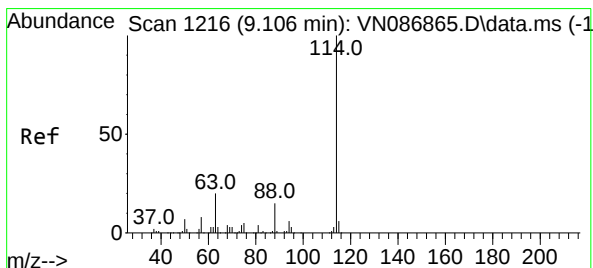
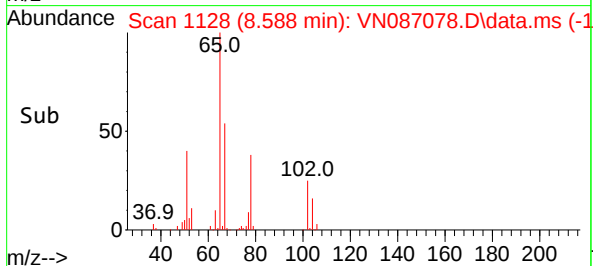
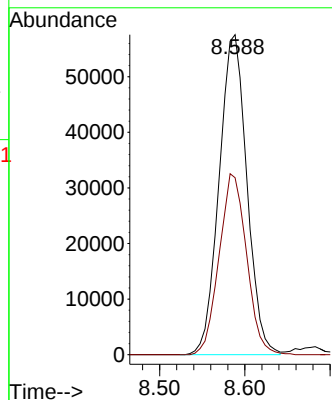
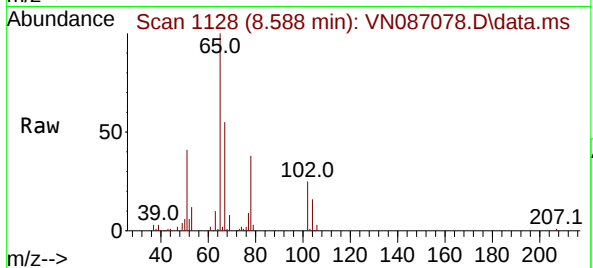
67 55.9 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

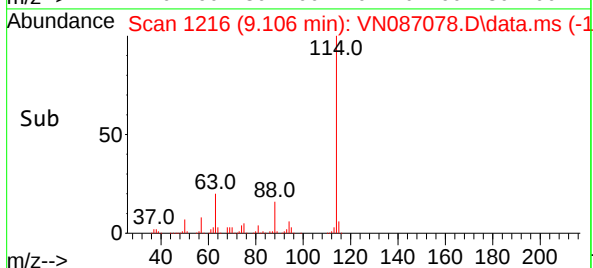
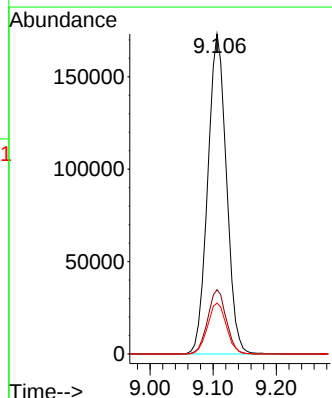
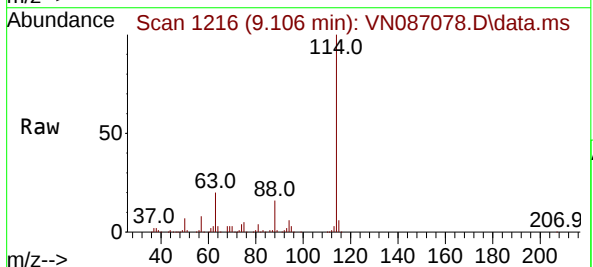
Tgt Ion:114 Resp: 355722

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

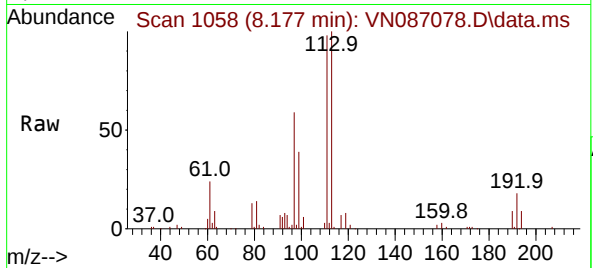
88 15.9 0.0 30.2





#35
 Dibromofluoromethane
 Concen: 54.586 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN087078.D
 Acq: 18 Jun 2025 12:29

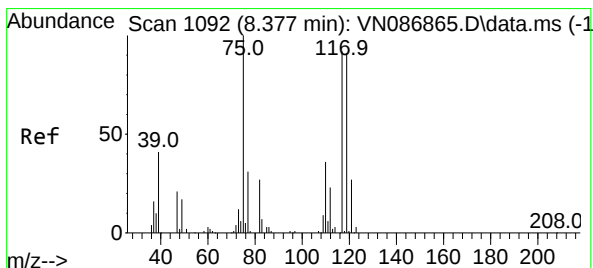
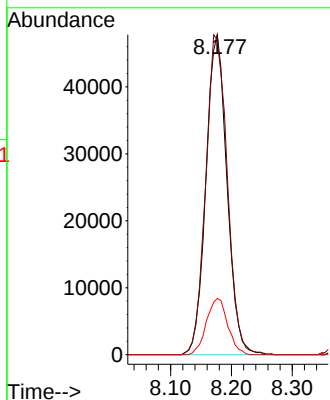
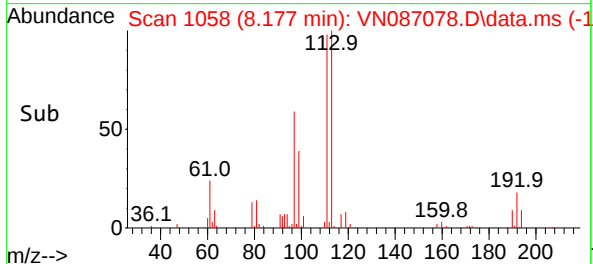
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01



Tgt Ion: 113 Resp: 115072
 Ion Ratio Lower Upper
 113 100
 111 102.1 84.2 126.2
 192 17.7 14.2 21.4

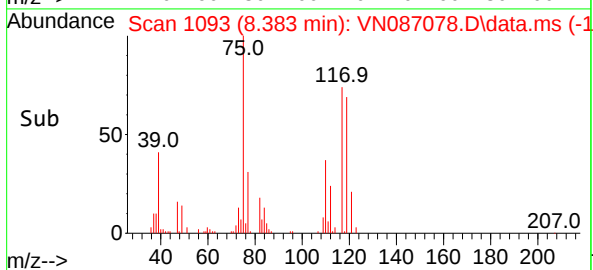
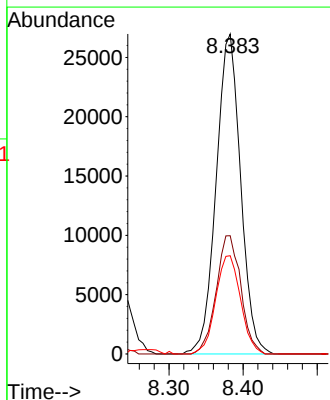
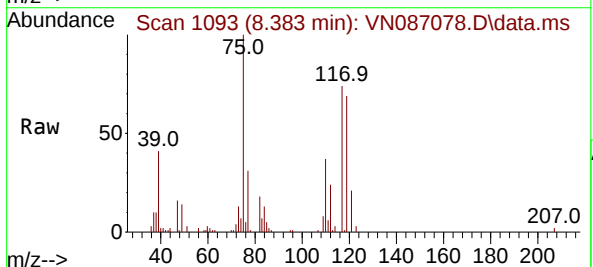
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/19/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#36
 1,1-Dichloropropene
 Concen: 19.680 ug/l
 RT: 8.383 min Scan# 1093
 Delta R.T. 0.006 min
 Lab File: VN087078.D
 Acq: 18 Jun 2025 12:29

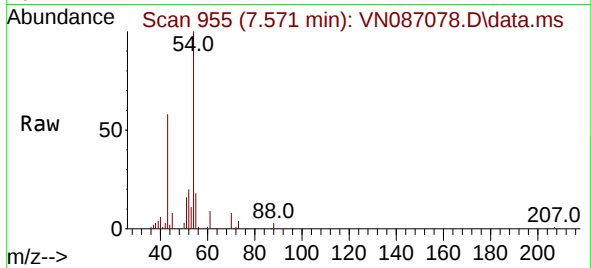
Tgt Ion: 75 Resp: 61819
 Ion Ratio Lower Upper
 75 100
 110 37.2 17.6 52.9
 77 31.2 25.3 37.9





#37
Ethyl Acetate
Concen: 18.979 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

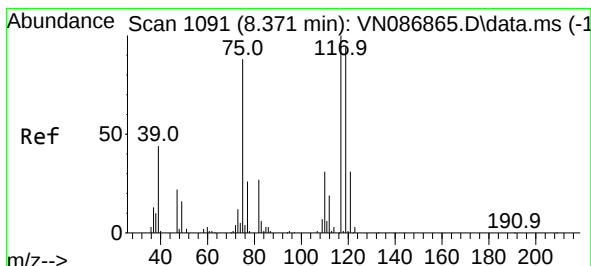
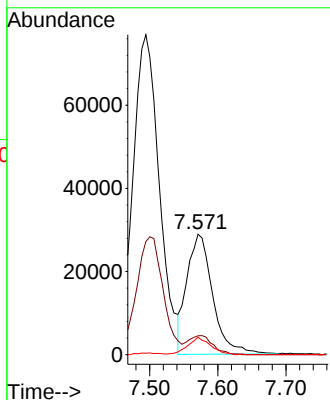
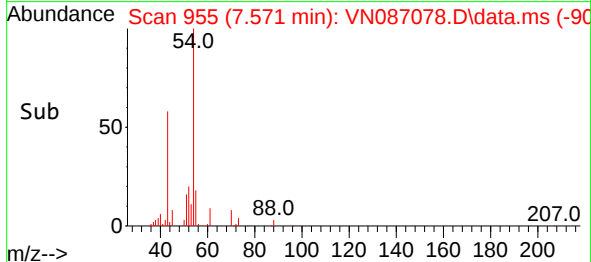
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



Tgt Ion: 43 Resp: 75894
Ion Ratio Lower Upper
43 100
61 15.2 12.1 18.1
70 12.7 9.8 14.6

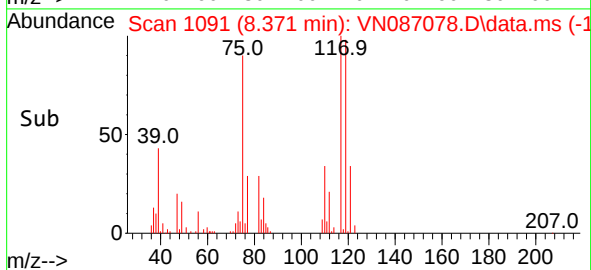
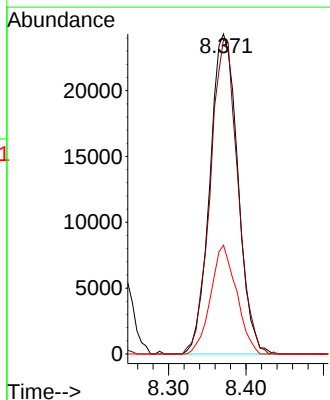
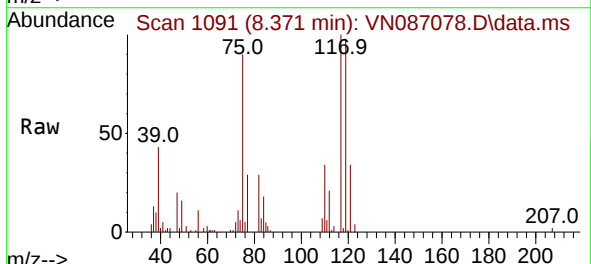
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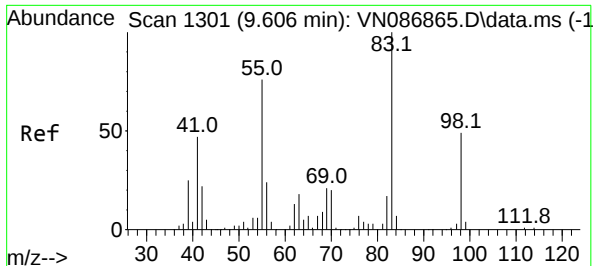
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38
Carbon Tetrachloride
Concen: 19.738 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Tgt Ion:117 Resp: 60871
Ion Ratio Lower Upper
117 100
119 98.2 75.0 112.6
121 34.0 24.9 37.3





#39

Methylcyclohexane

Concen: 16.691 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

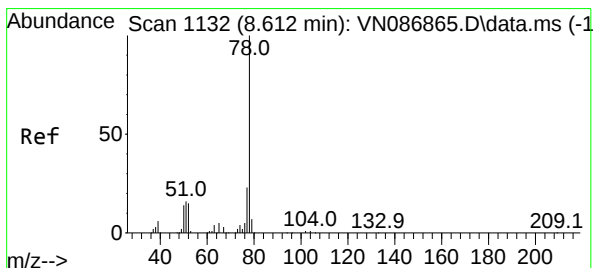
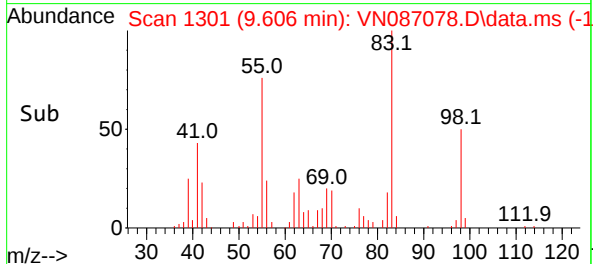
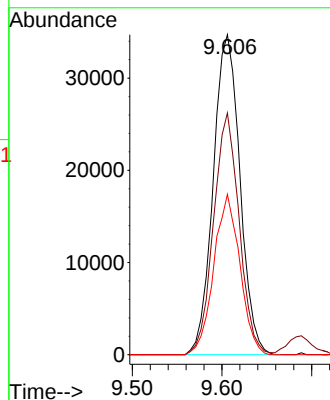
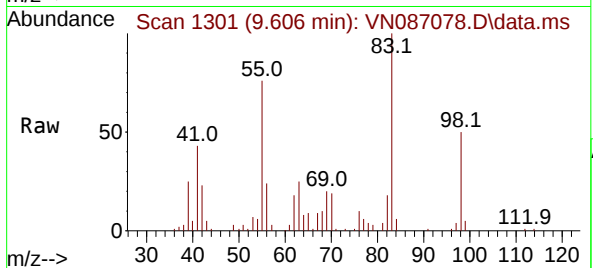
Tgt Ion: 83	Resp: 7183
Ion Ratio	Lower Upper
83	100
55	75.6 61.0 91.6
98	50.1 38.9 58.3

Manual Integrations

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Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#40

Benzene

Concen: 19.925 ug/l

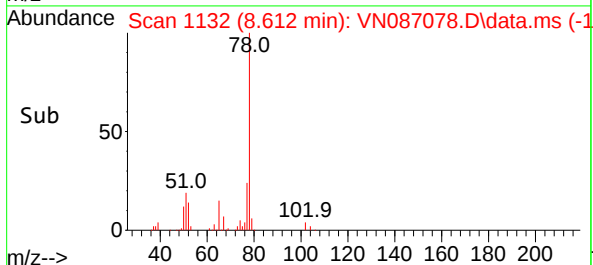
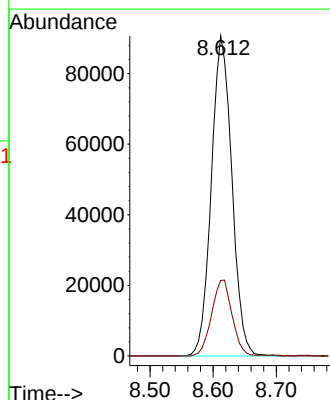
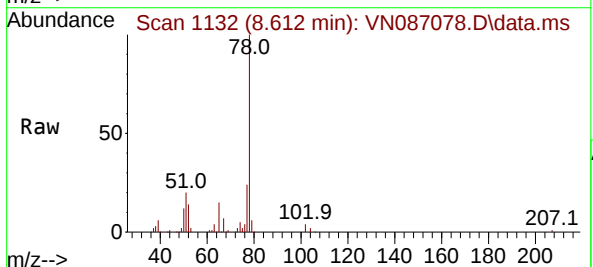
RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

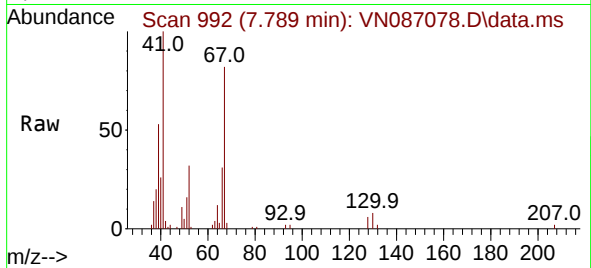
Tgt Ion: 78	Resp: 204668
Ion Ratio	Lower Upper
78	100
77	23.6 18.7 28.1





#41
Methacrylonitrile
Concen: 18.741 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

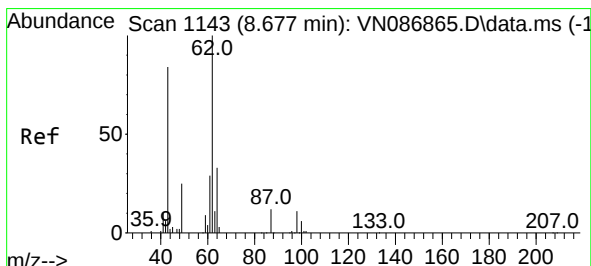
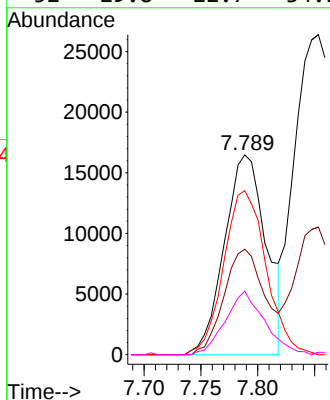
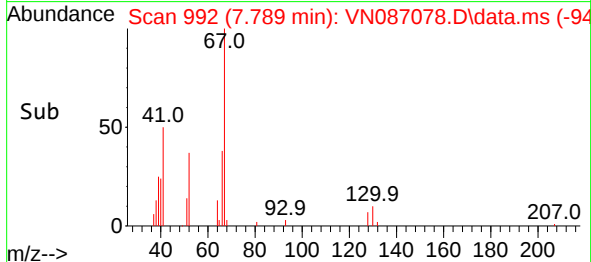
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



Tgt Ion:	41	Resp:	4208
Ion Ratio	100	Lower	Upper
39	51.7	41.2	61.8
67	83.3	61.4	92.2
52	29.8	22.7	34.1

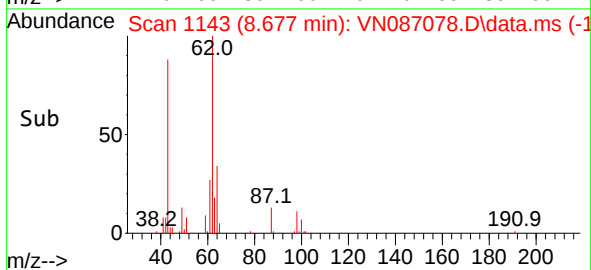
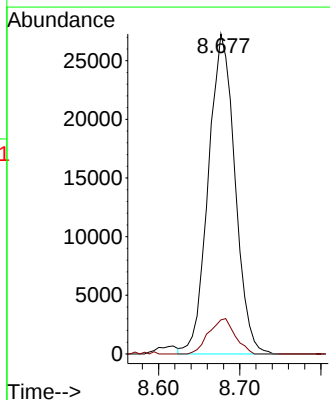
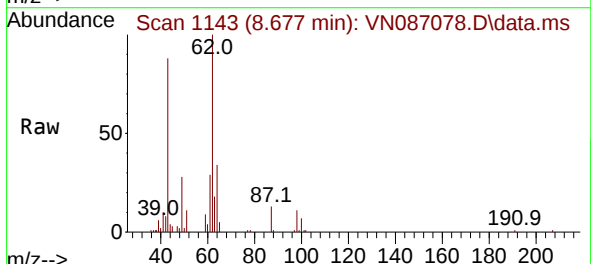
Manual Integrations
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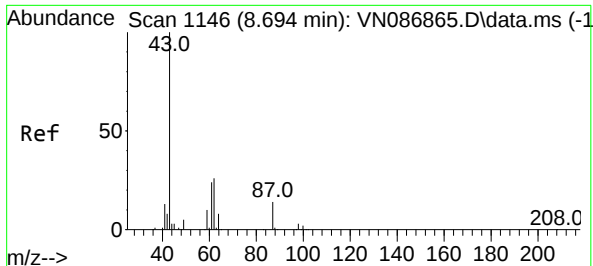
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 19.965 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

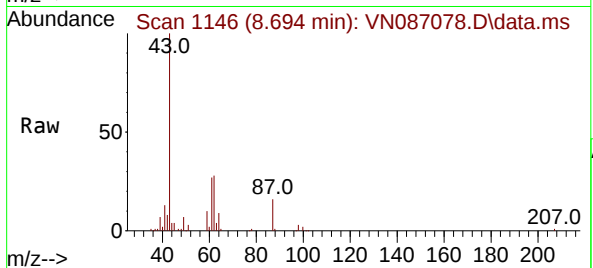
Tgt Ion:	62	Resp:	62203
Ion Ratio	100	Lower	Upper
98	10.9	0.0	21.2





#43
Isopropyl Acetate
Concen: 18.456 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

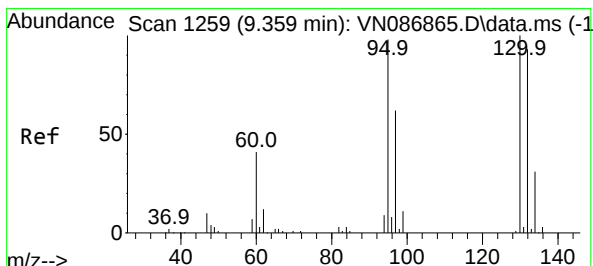
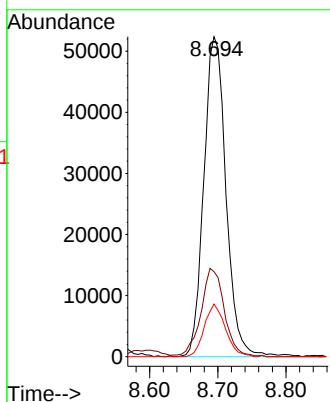
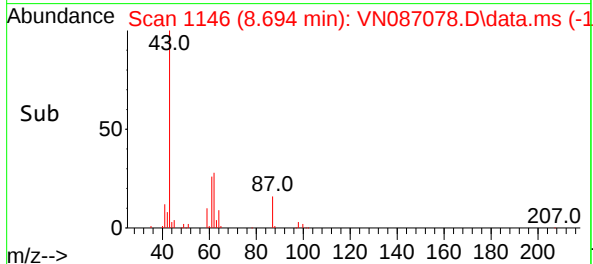
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



Tgt Ion: 43 Resp: 11845
Ion Ratio Lower Upper
43 100
61 29.2 22.1 33.1
87 15.6 11.8 17.6

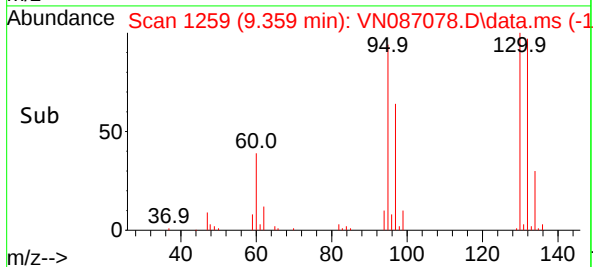
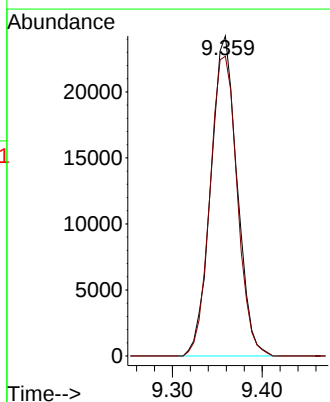
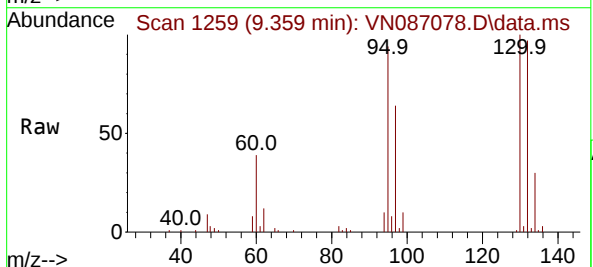
Manual Integrations
APPROVED

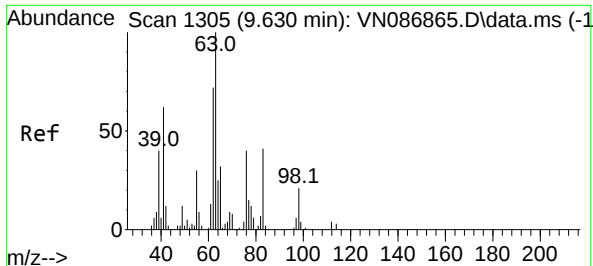
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#44
Trichloroethene
Concen: 20.252 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Tgt Ion:130 Resp: 49327
Ion Ratio Lower Upper
130 100
95 93.6 0.0 196.2





#45

1,2-Dichloropropane

Concen: 19.955 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

Tgt Ion: 63 Resp: 4986

Ion Ratio Lower Upper

63 100

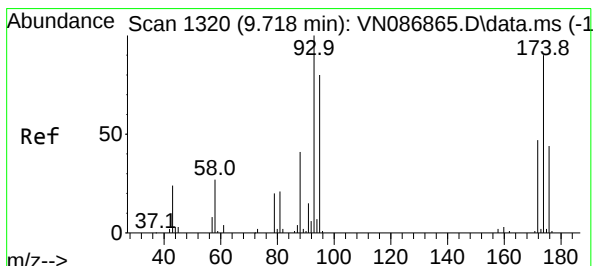
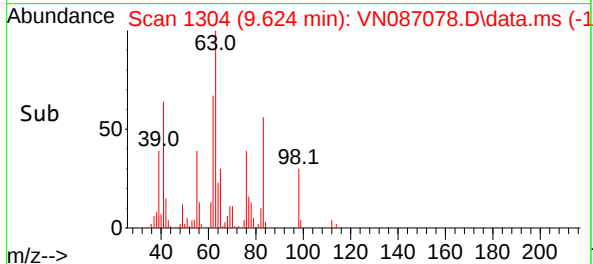
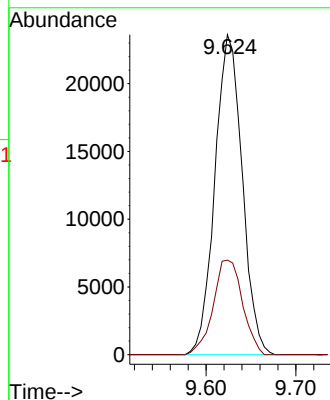
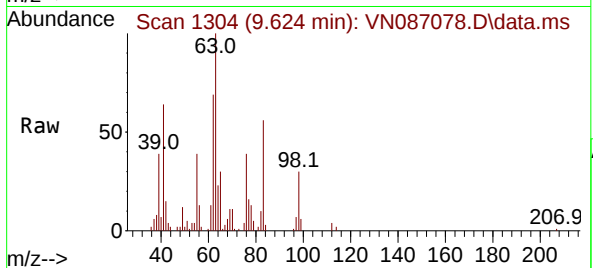
65 29.5 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#46

Dibromomethane

Concen: 21.293 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

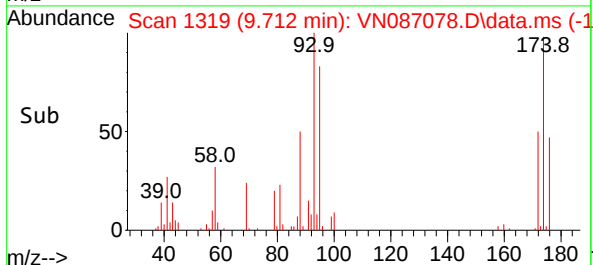
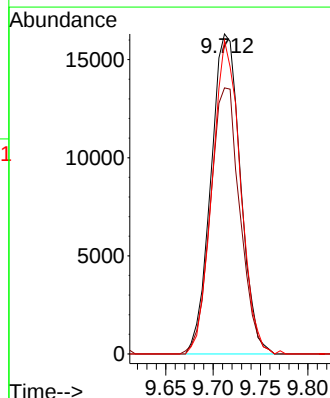
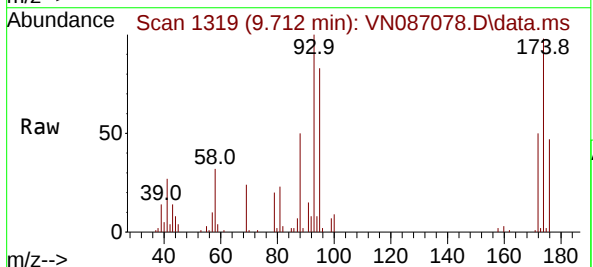
Tgt Ion: 93 Resp: 35344

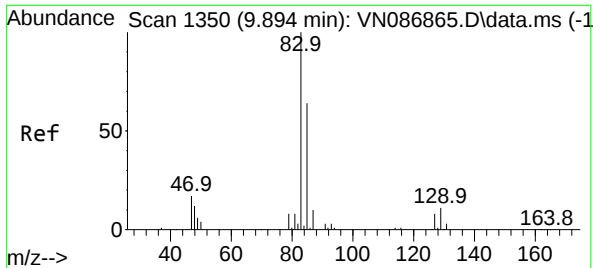
Ion Ratio Lower Upper

93 100

95 83.1 67.1 100.7

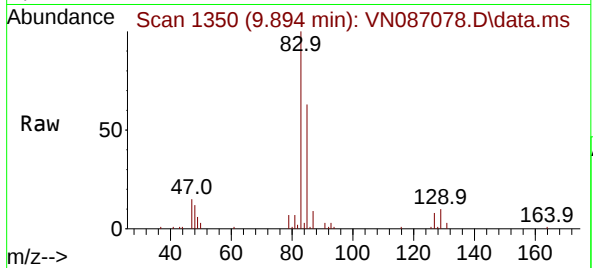
174 93.4 74.2 111.4





#47
Bromodichloromethane
Concen: 20.208 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

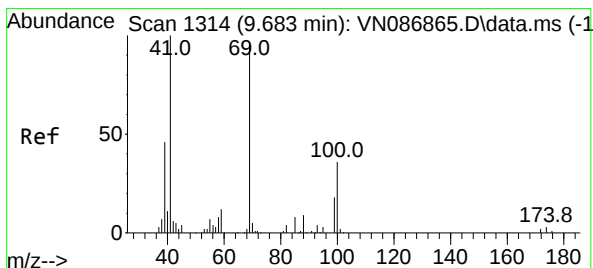
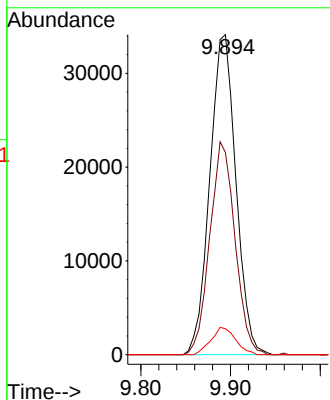
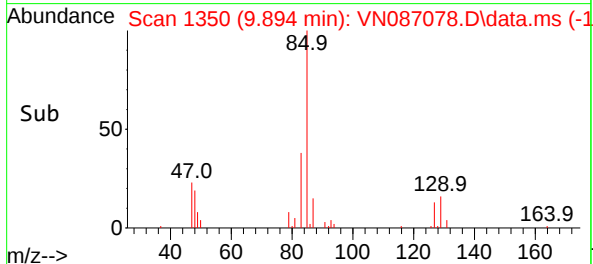
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



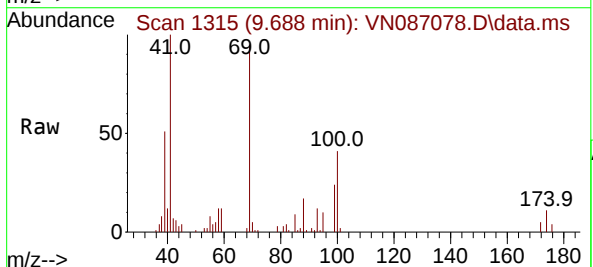
Tgt Ion: 83 Resp: 69010
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 8.1 6.6 10.0

Manual Integrations
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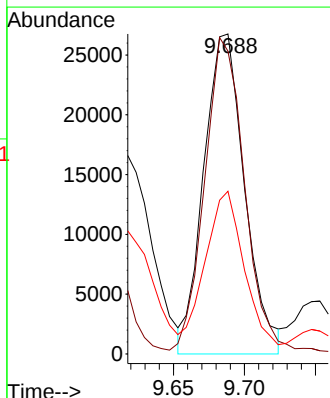
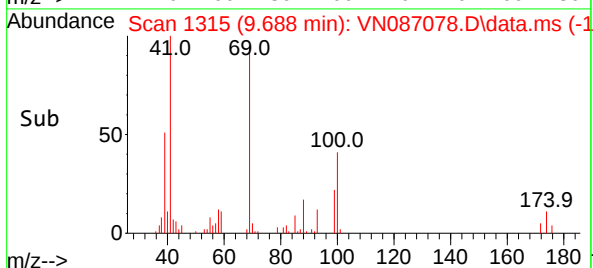
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

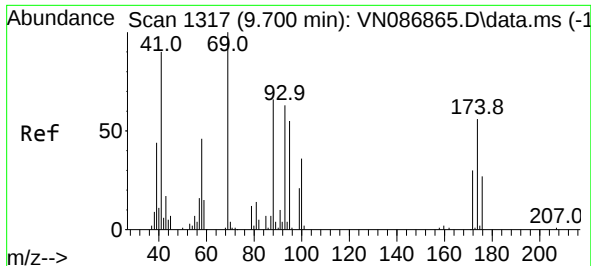


#48
Methyl methacrylate
Concen: 18.122 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29



Tgt Ion: 41 Resp: 53532
Ion Ratio Lower Upper
41 100
69 98.3 74.6 112.0
39 50.3 40.2 60.4





#49

1,4-Dioxane

Concen: 414.025 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

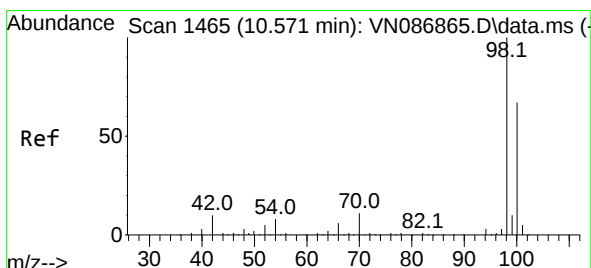
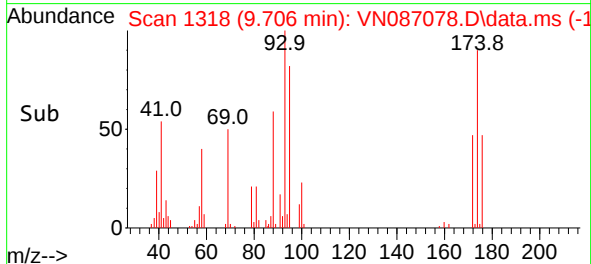
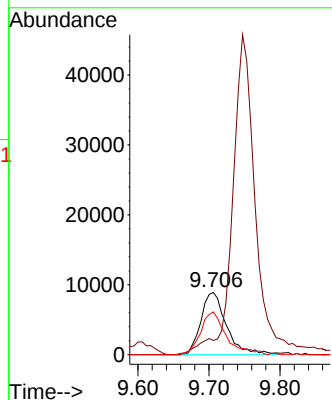
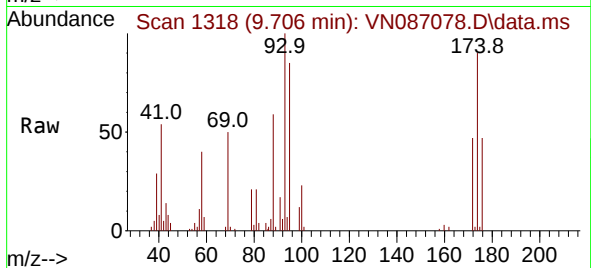
Tgt Ion: 88 Resp: 22250
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 68.8 57.7 86.5

Manual Integrations

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Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#50

Toluene-d8

Concen: 49.639 ug/l

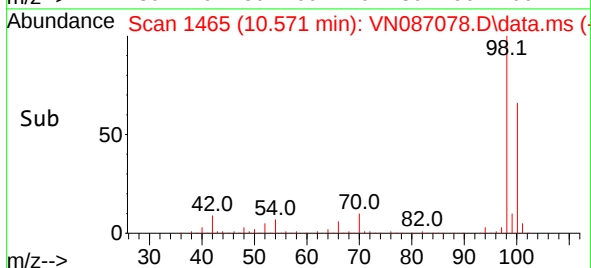
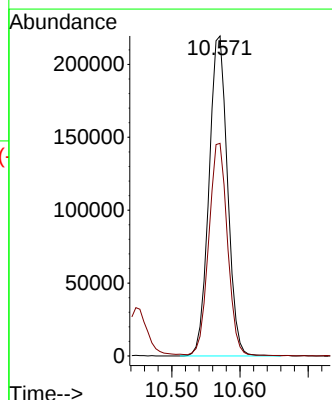
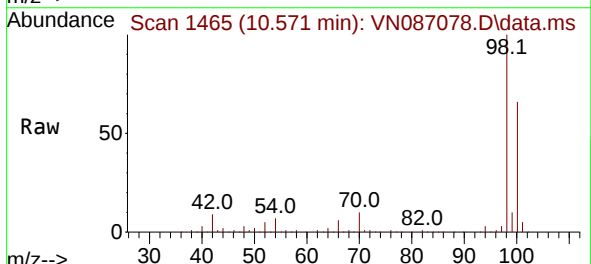
RT: 10.571 min Scan# 1465

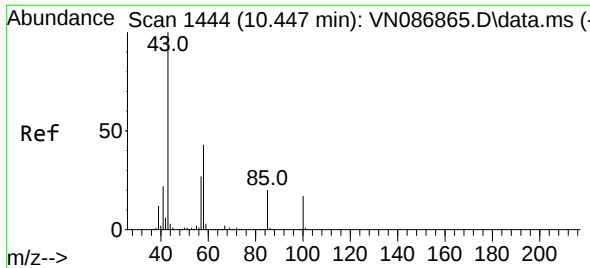
Delta R.T. -0.000 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Tgt Ion: 98 Resp: 414255
 Ion Ratio Lower Upper
 98 100
 100 67.6 53.4 80.0





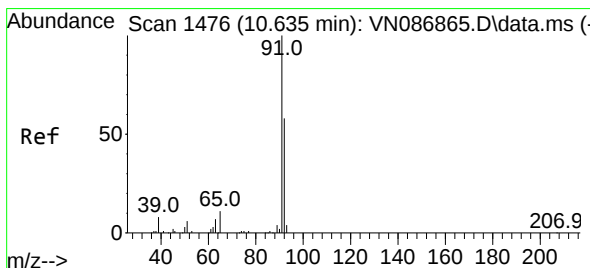
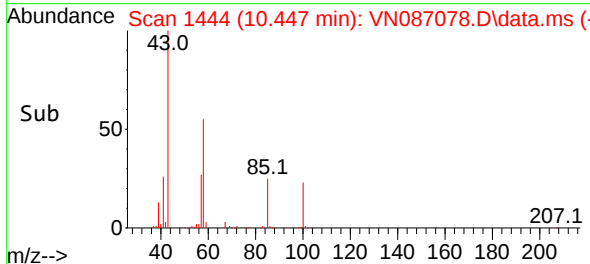
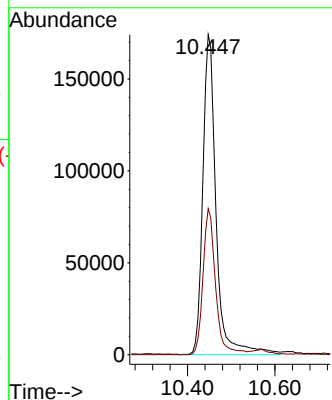
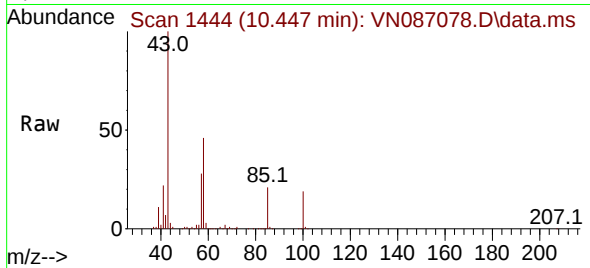
#51
4-Methyl-2-Pentanone
Concen: 95.192 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

Tgt Ion: 43 Resp: 36780
Ion Ratio Lower Upper
43 100
58 43.2 34.2 51.4

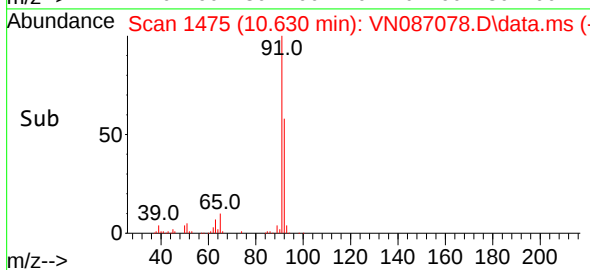
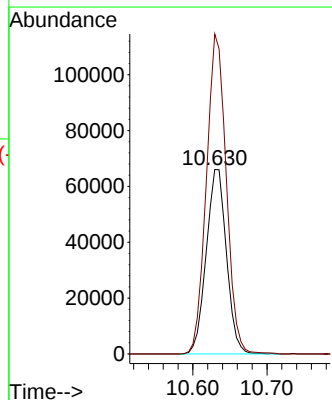
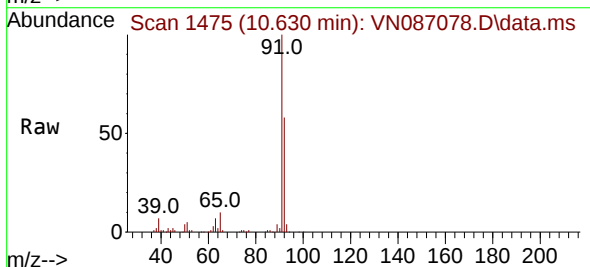
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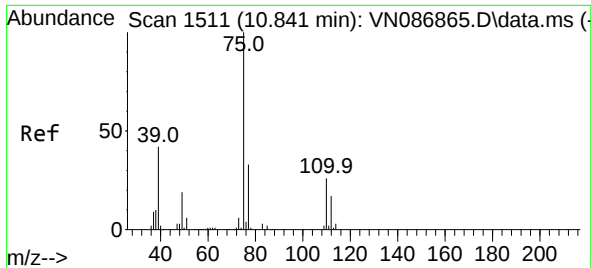
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#52
Toluene
Concen: 19.977 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Tgt Ion: 92 Resp: 125407
Ion Ratio Lower Upper
92 100
91 170.4 136.5 204.7





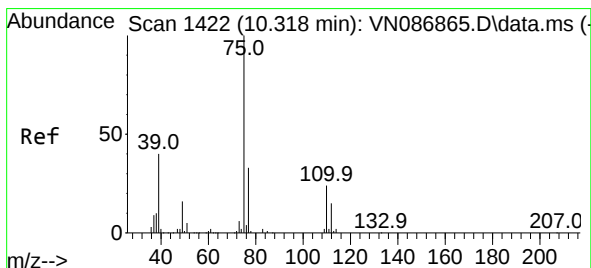
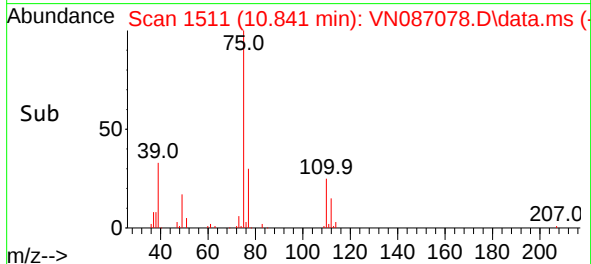
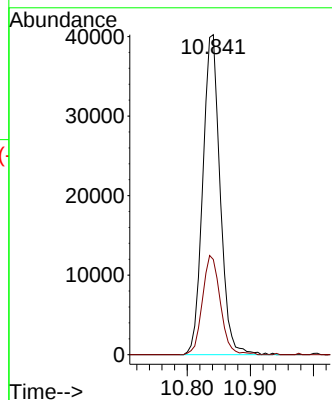
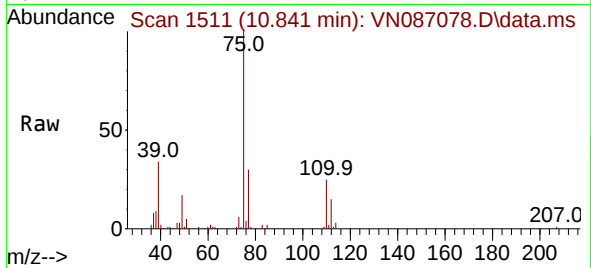
#53
t-1,3-Dichloropropene
Concen: 20.083 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

Tgt Ion: 75 Resp: 76690
Ion Ratio Lower Upper
75 100
77 29.8 26.4 39.6

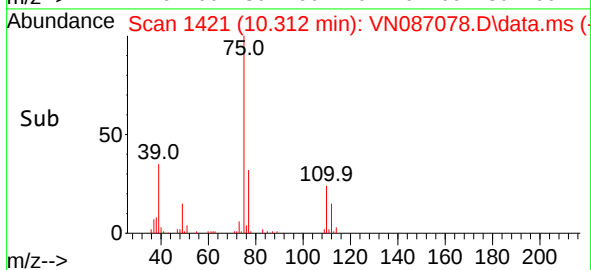
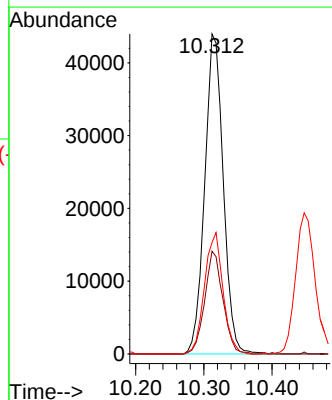
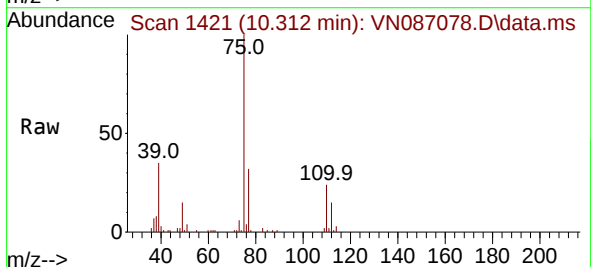
Manual Integrations
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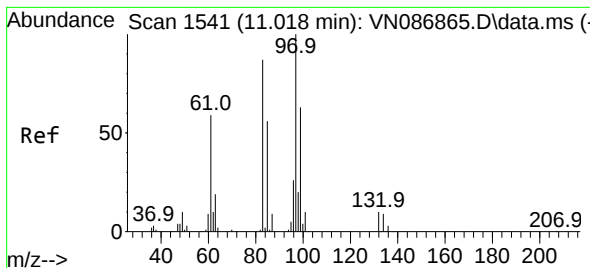
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#54
cis-1,3-Dichloropropene
Concen: 20.362 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

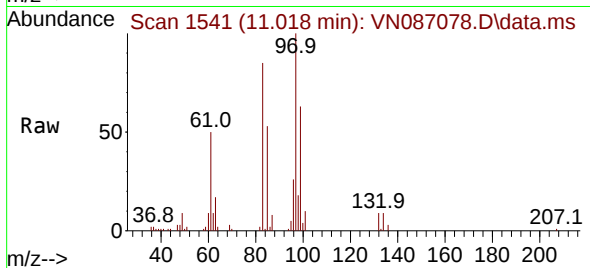
Tgt Ion: 75 Resp: 83203
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.4
39 34.8 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 20.644 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

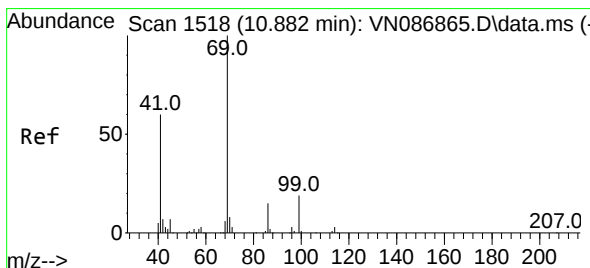
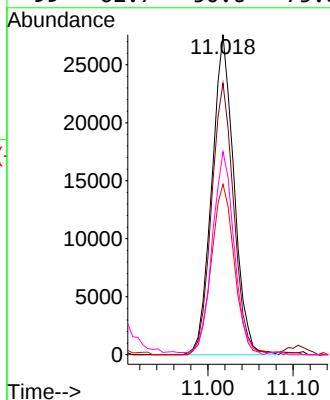
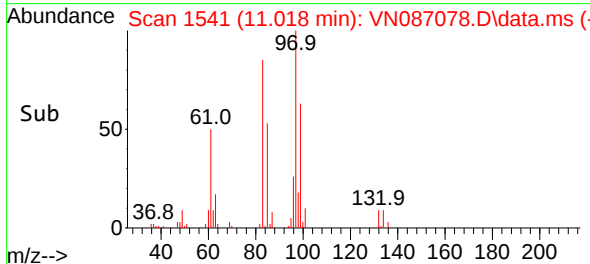
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



Tgt Ion:	97	Resp:	4986
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.7	104.5
85	53.3	45.1	67.7
99	62.7	50.6	75.8

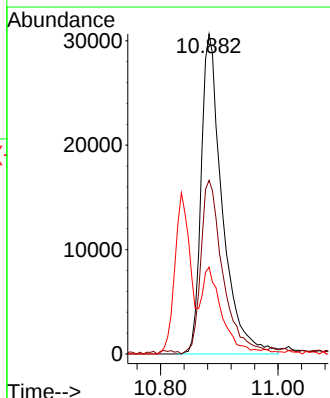
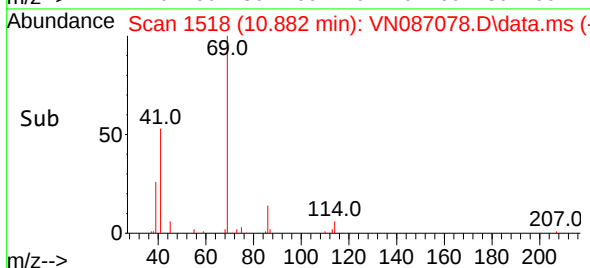
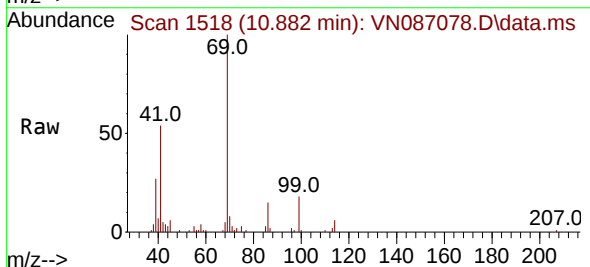
Manual Integrations
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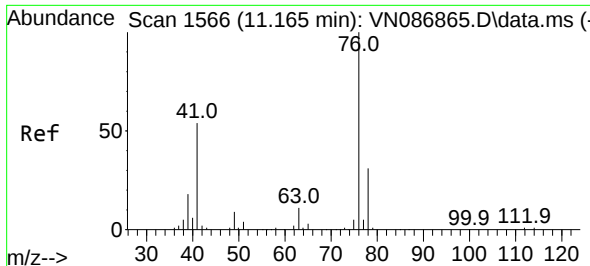
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#56
Ethyl methacrylate
Concen: 19.853 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Tgt Ion:	69	Resp:	76379
Ion	Ratio	Lower	Upper
69	100		
41	57.2	47.2	70.8
39	24.7	23.0	34.6





#57

1,3-Dichloropropane

Concen: 19.979 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

Tgt Ion: 76 Resp: 8371

Ion Ratio Lower Upper

76 100

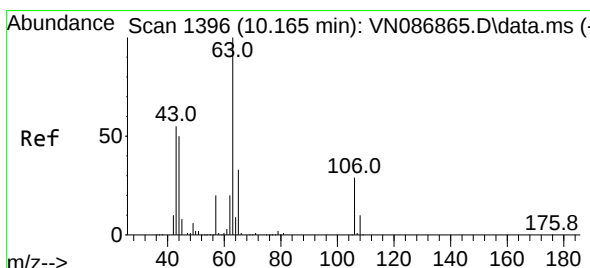
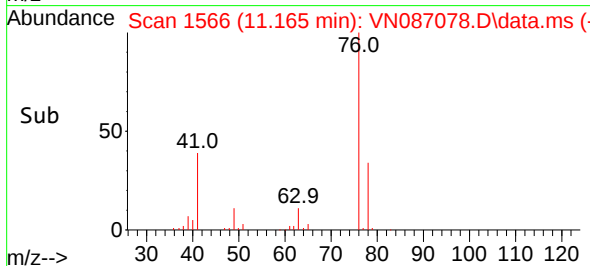
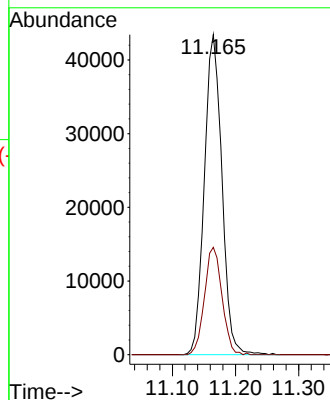
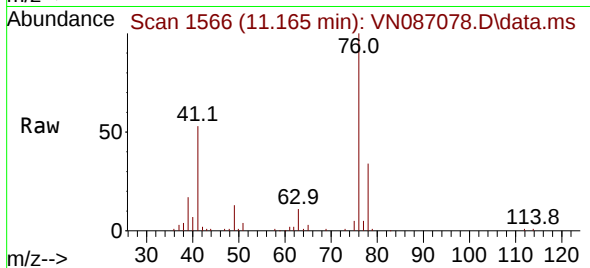
78 33.5 25.3 37.9

Manual Integrations

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Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 97.500 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN087078.D

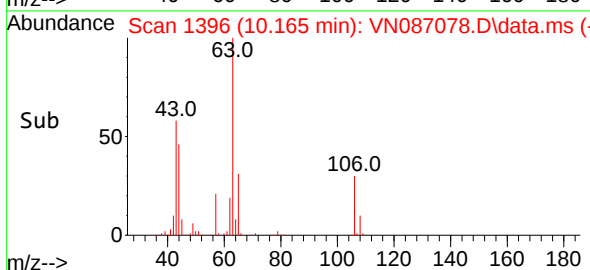
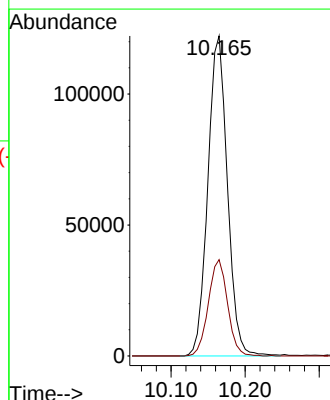
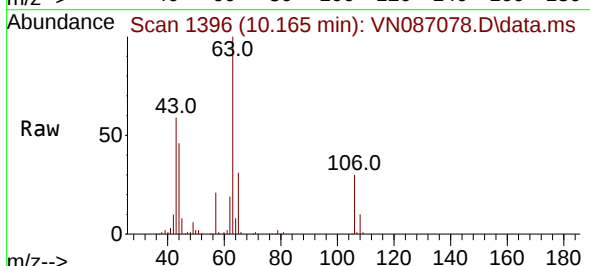
Acq: 18 Jun 2025 12:29

Tgt Ion: 63 Resp: 223734

Ion Ratio Lower Upper

63 100

106 29.6 23.0 34.6





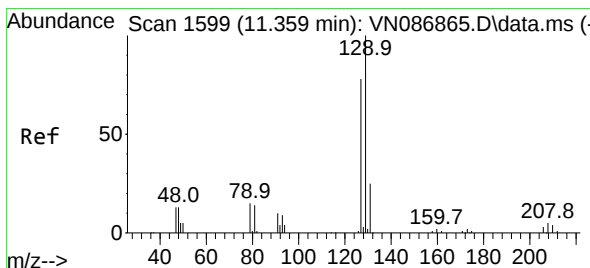
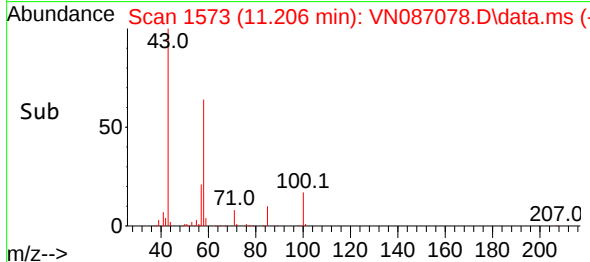
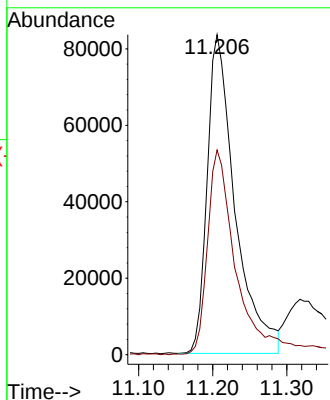
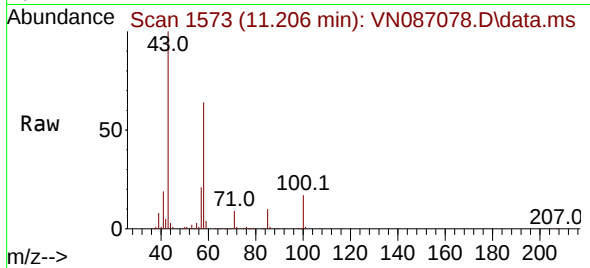
#59
2-Hexanone
Concen: 87.456 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

Tgt Ion: 43 Resp: 217660
Ion Ratio Lower Upper
43 100
58 67.6 30.4 91.3

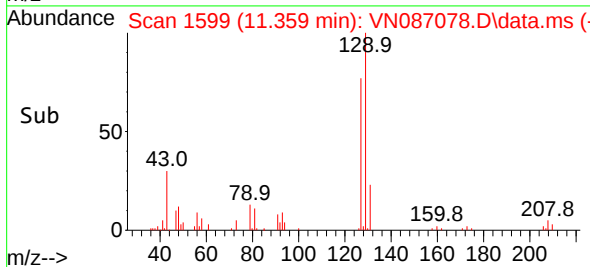
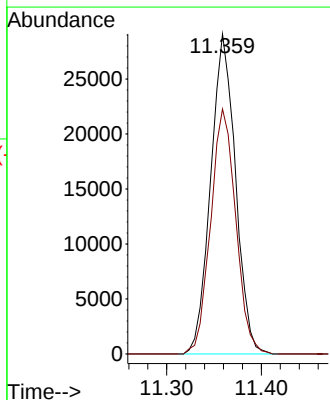
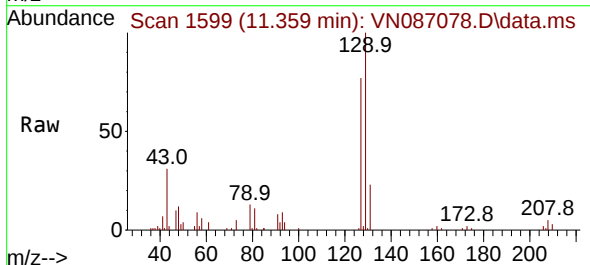
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#60
Dibromochloromethane
Concen: 21.011 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

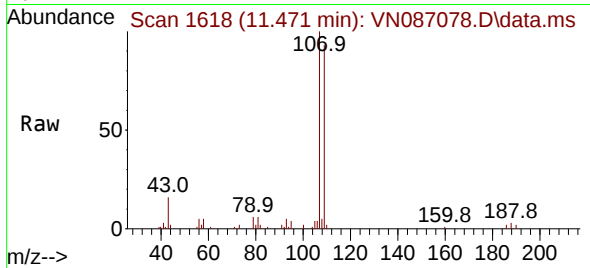
Tgt Ion:129 Resp: 52878
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 20.463 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

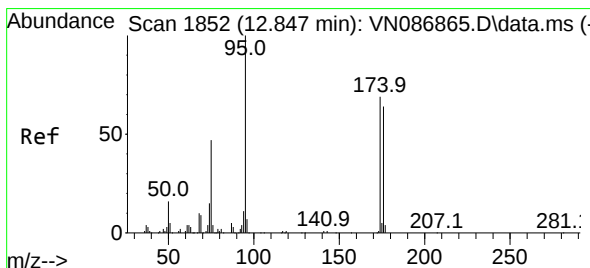
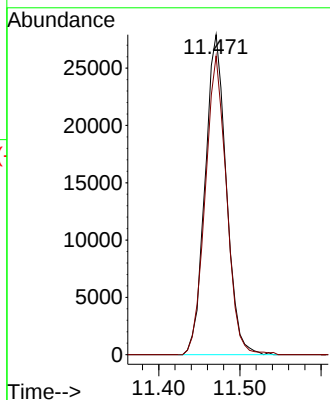
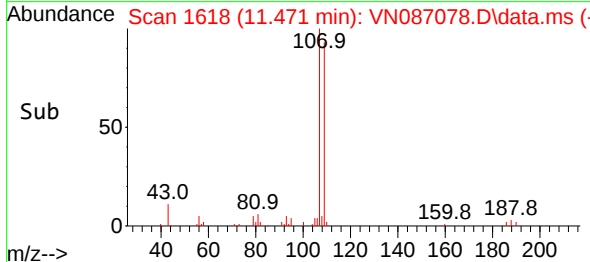
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



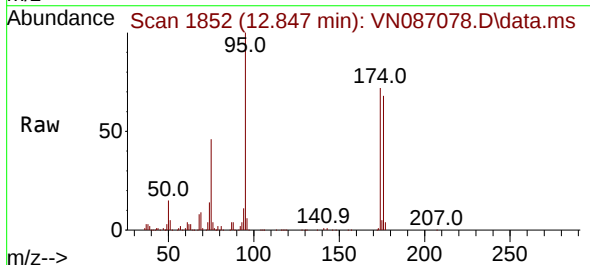
Tgt Ion:107 Resp: 50664
Ion Ratio Lower Upper
107 100
109 93.6 76.3 114.5

Manual Integrations
APPROVED

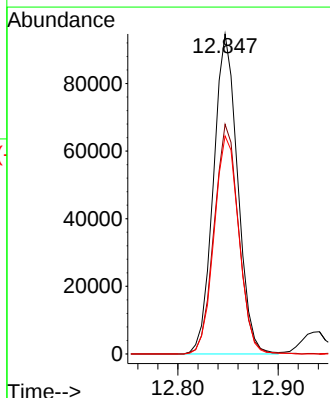
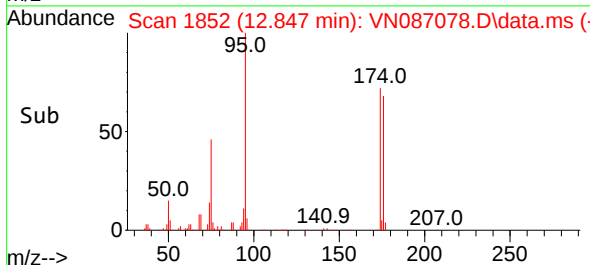
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

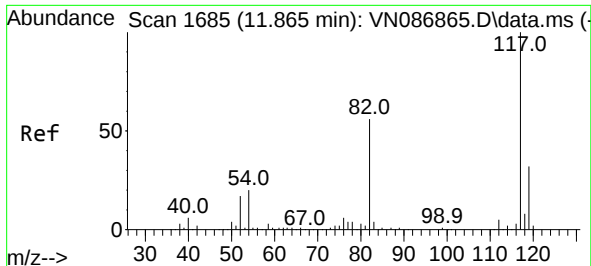


#62
4-Bromofluorobenzene
Concen: 51.203 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29



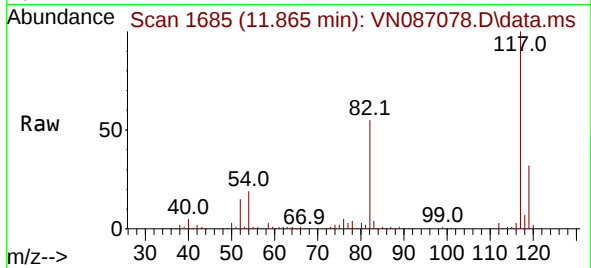
Tgt Ion: 95 Resp: 158758
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.8
176 69.8 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

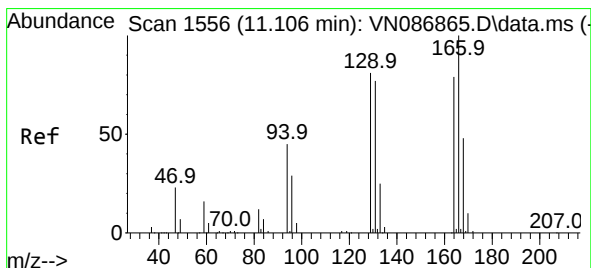
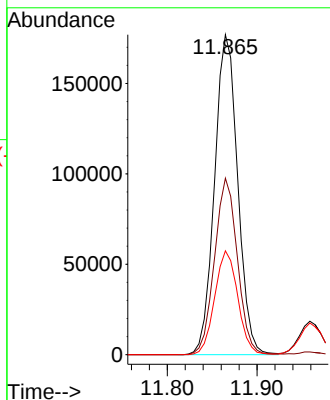
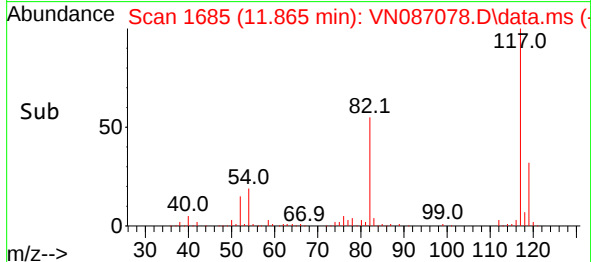
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



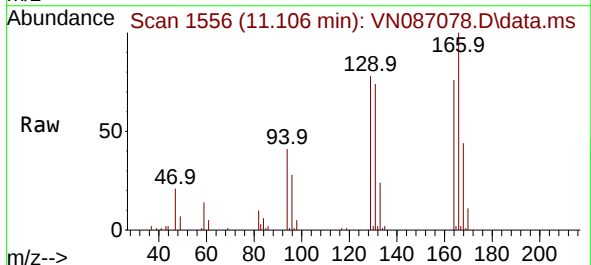
Tgt Ion:117 Resp: 31695
Ion Ratio Lower Upper
117 100
82 55.1 44.6 67.0
119 32.5 25.5 38.3

Manual Integrations
APPROVED

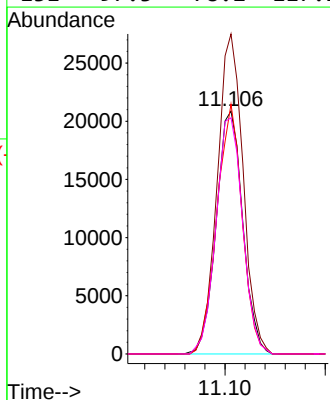
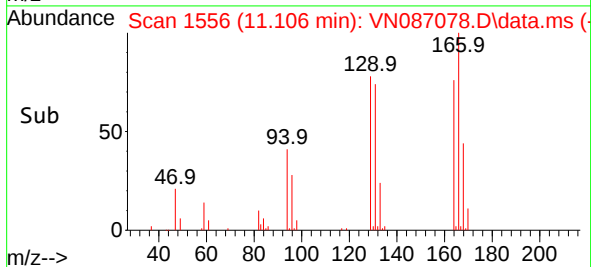
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

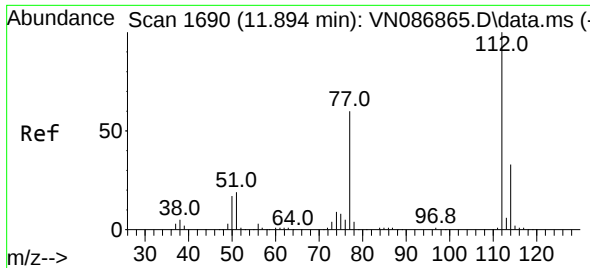


#64
Tetrachloroethene
Concen: 19.048 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29



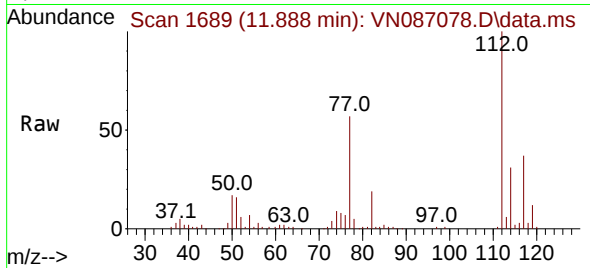
Tgt Ion:164 Resp: 38209
Ion Ratio Lower Upper
164 100
166 131.8 101.8 152.8
129 102.9 83.0 124.4
131 97.3 78.2 117.2





#65
Chlorobenzene
Concen: 19.864 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

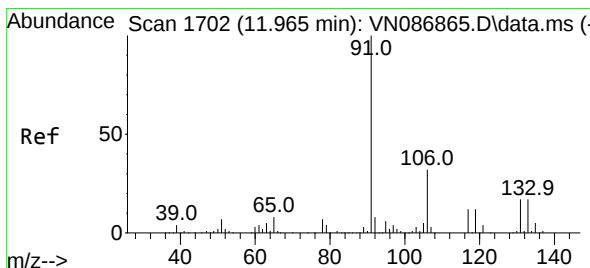
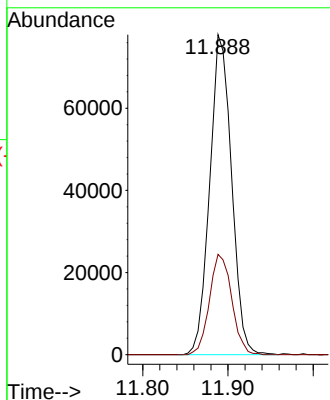
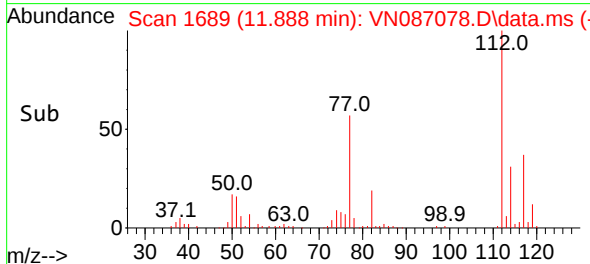
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



Tgt Ion:112 Resp: 13885
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

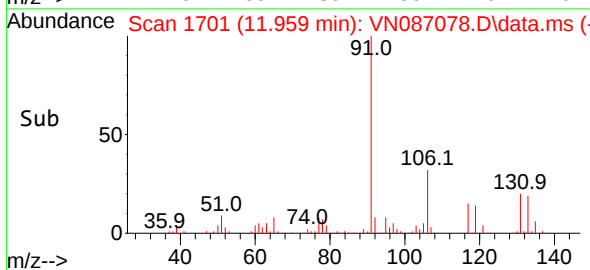
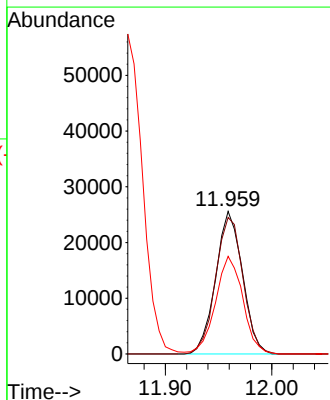
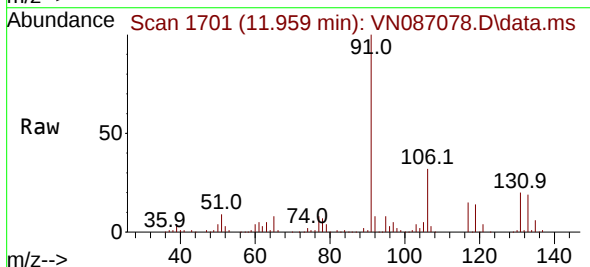
Manual Integrations
APPROVED

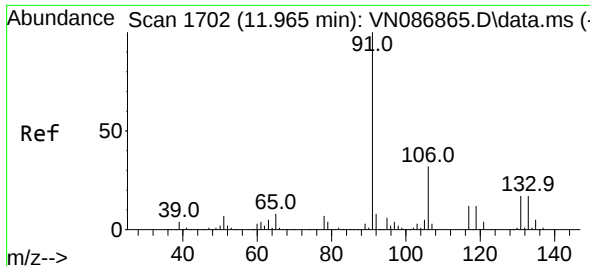
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.914 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

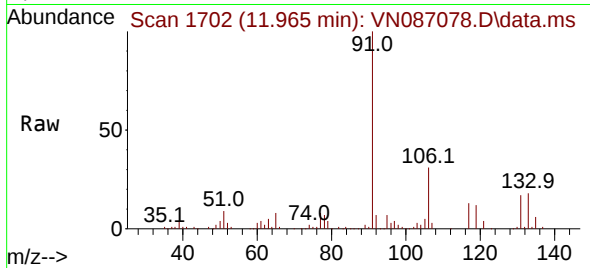
Tgt Ion:131 Resp: 44748
Ion Ratio Lower Upper
131 100
133 98.2 48.3 144.8
119 69.8 34.0 101.8





#67
Ethyl Benzene
Concen: 18.992 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

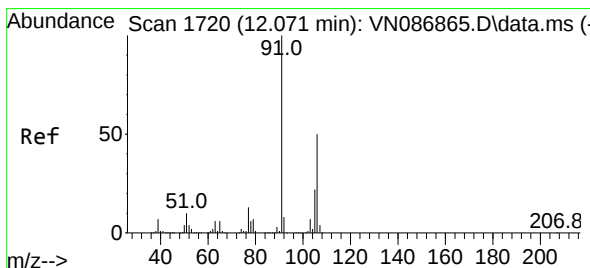
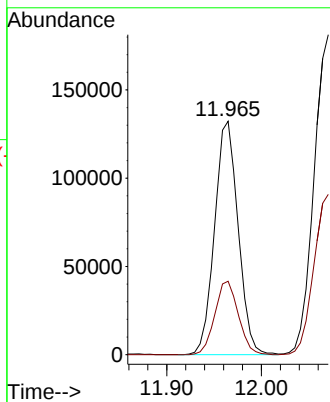
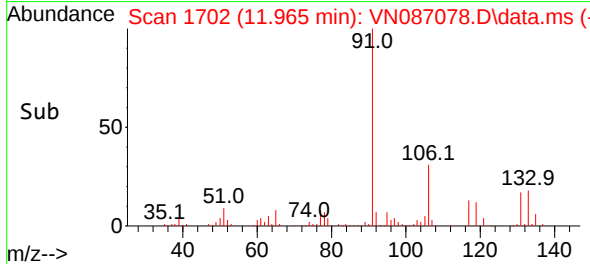
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



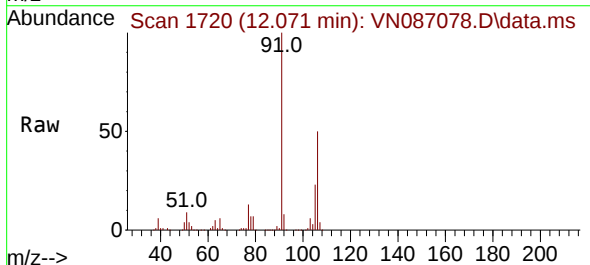
Tgt Ion: 91 Resp: 228678
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2

Manual Integrations
APPROVED

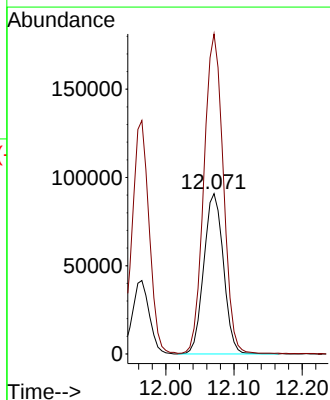
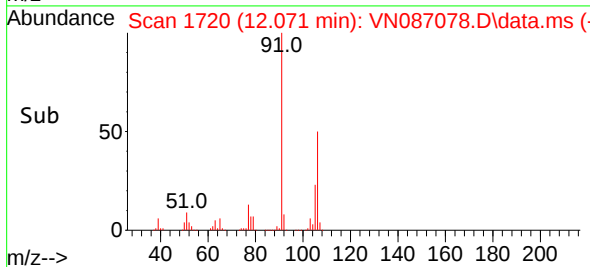
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

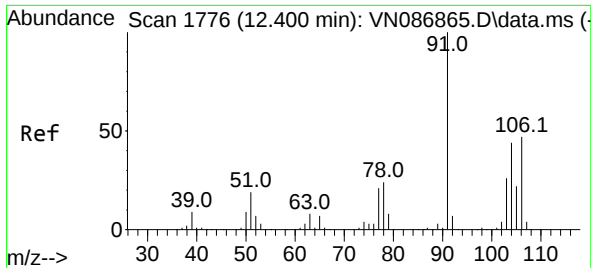


#68
m/p-Xylenes
Concen: 39.487 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29



Tgt Ion:106 Resp: 182006
Ion Ratio Lower Upper
106 100
91 197.2 159.4 239.0





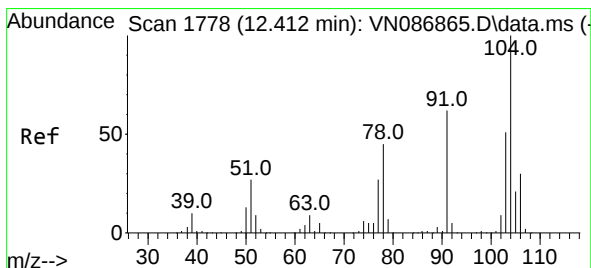
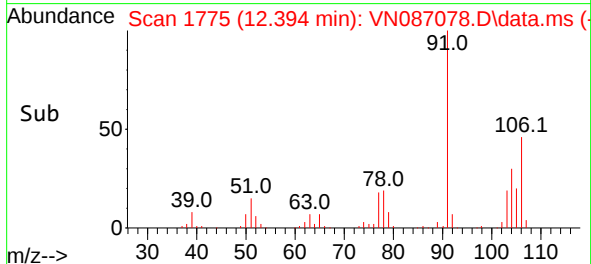
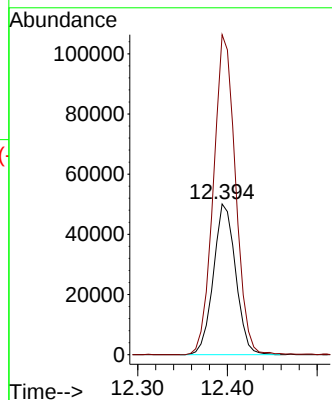
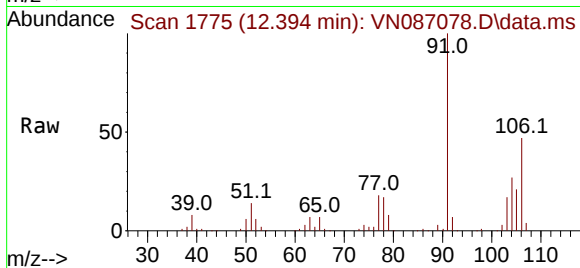
#69
o-Xylene
Concen: 19.528 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

Tgt Ion:106 Resp: 86208
Ion Ratio Lower Upper
106 100
91 211.1 106.1 318.1

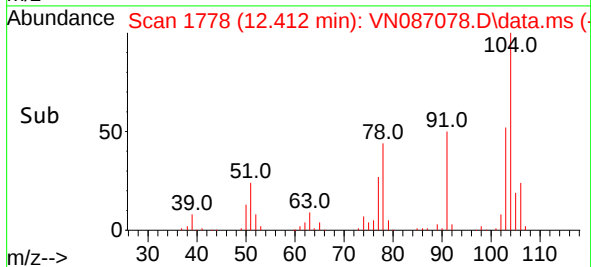
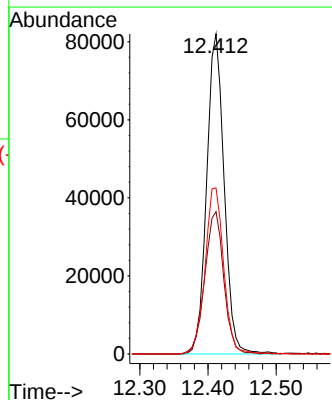
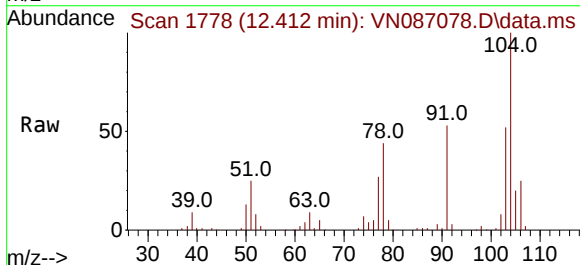
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#70
Styrene
Concen: 19.354 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

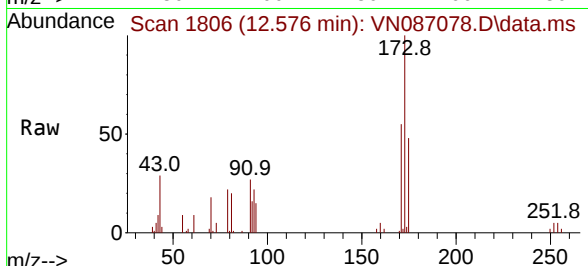
Tgt Ion:104 Resp: 146203
Ion Ratio Lower Upper
104 100
78 48.3 38.5 57.7
103 55.5 43.1 64.7





#71
Bromoform
Concen: 21.689 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

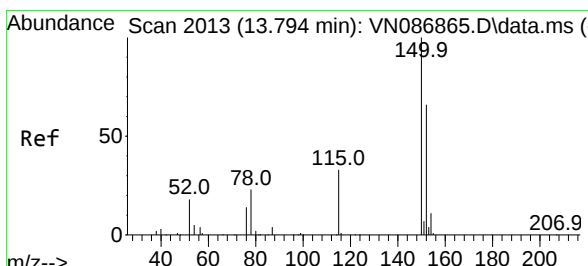
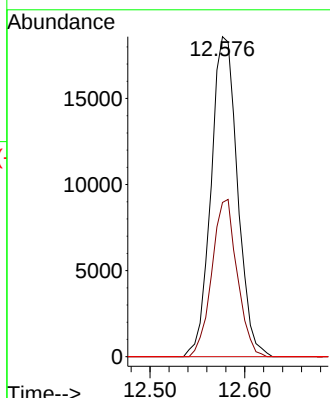
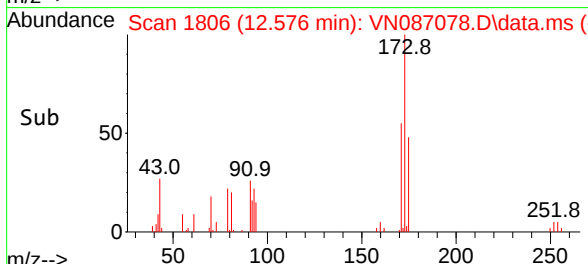
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



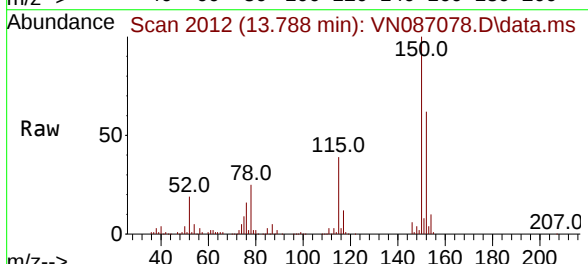
Tgt Ion:173 Resp: 3611
Ion Ratio Lower Upper
173 100
175 46.9 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

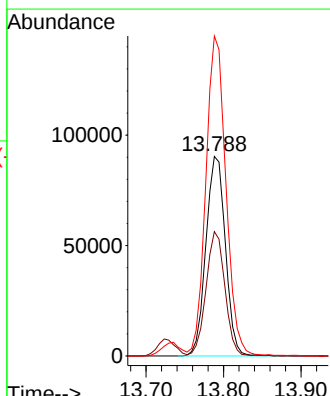
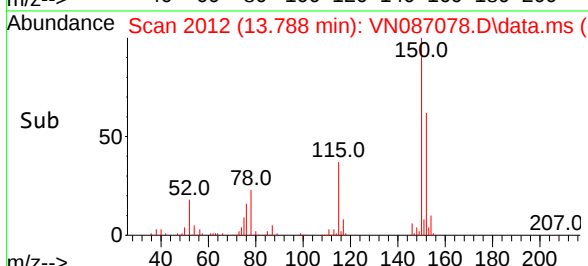
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

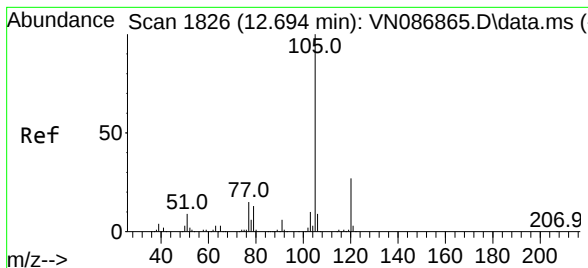


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29



Tgt Ion:152 Resp: 157759
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.5
150 164.7 0.0 345.0





#73

Isopropylbenzene

Concen: 18.529 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

Tgt Ion:105 Resp: 212950

Ion Ratio Lower Upper

105 100

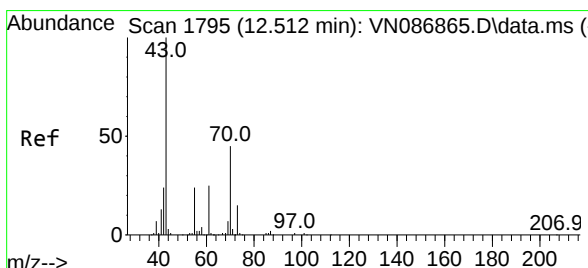
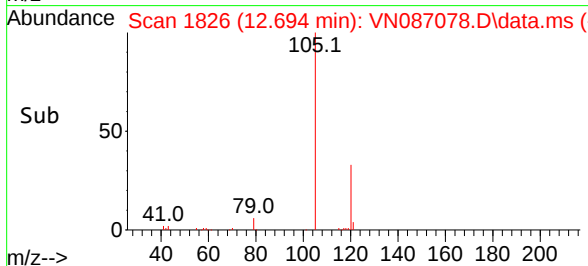
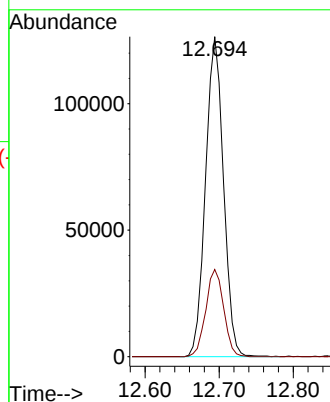
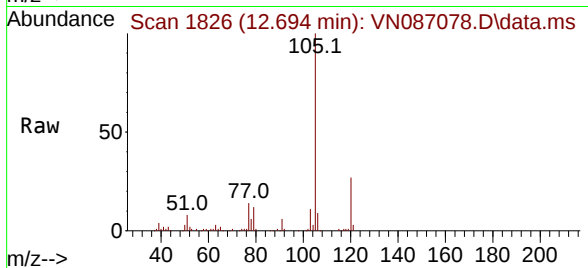
120 27.2 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#74

N-ethyl acetate

Concen: 17.891 ug/l m

RT: 12.535 min Scan# 1799

Delta R.T. 0.024 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Tgt Ion: 43 Resp: 71851

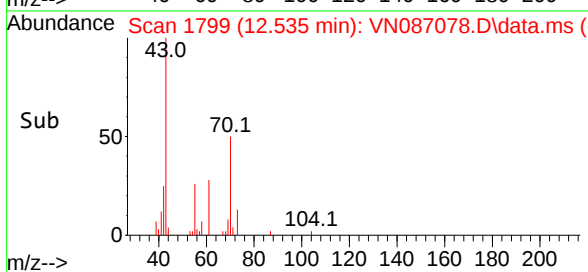
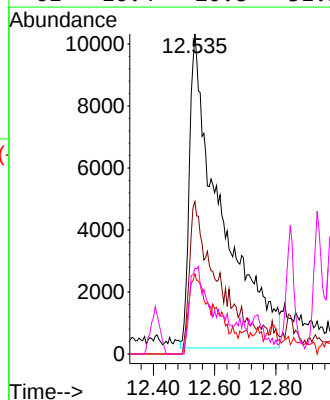
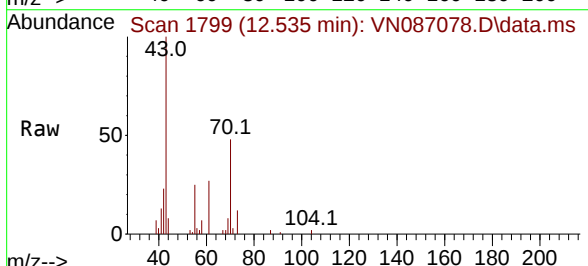
Ion Ratio Lower Upper

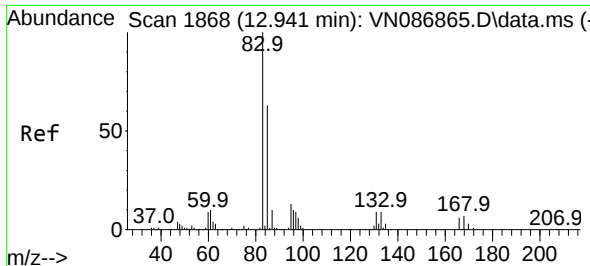
43 100

70 28.6 37.6 56.4#

55 13.7 19.0 28.6#

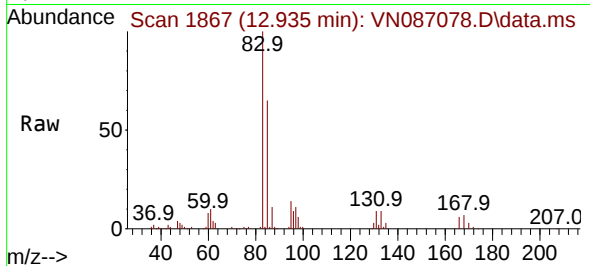
61 16.4 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 20.324 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

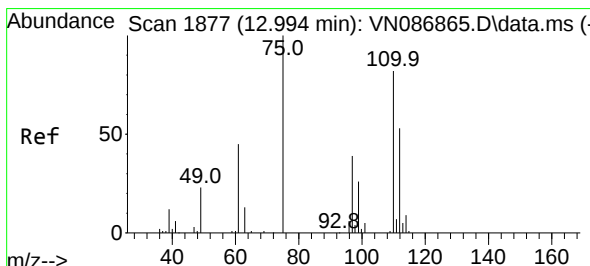
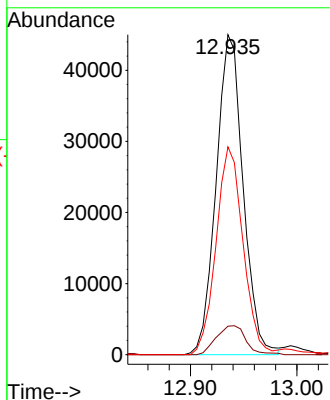
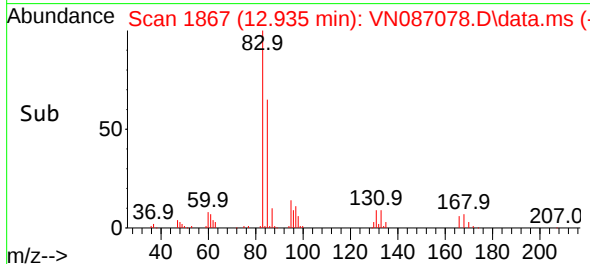
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



Tgt Ion: 83 Resp: 7913
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.7 32.0 96.0

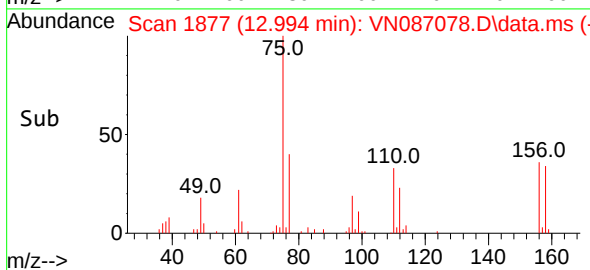
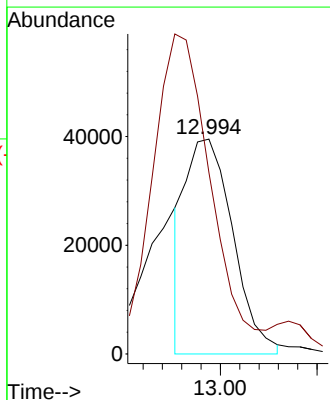
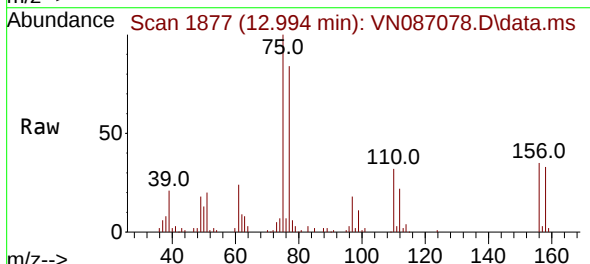
Manual Integrations
APPROVED

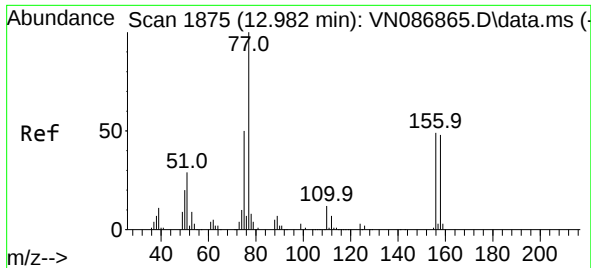
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#76
1,2,3-Trichloropropane
Concen: 17.935 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Tgt Ion: 75 Resp: 67255
Ion Ratio Lower Upper
75 100
77 185.6 79.3 237.9





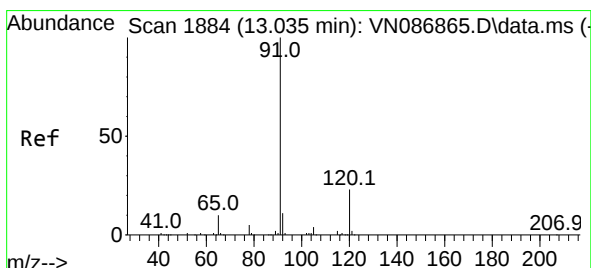
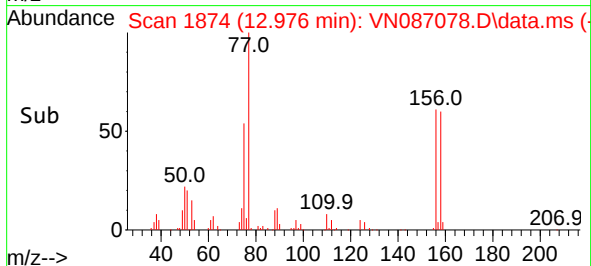
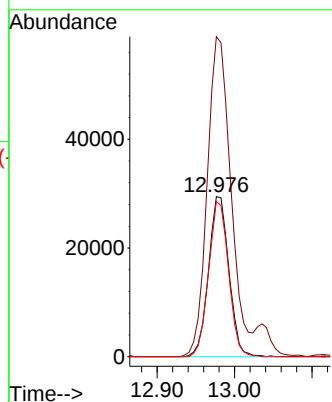
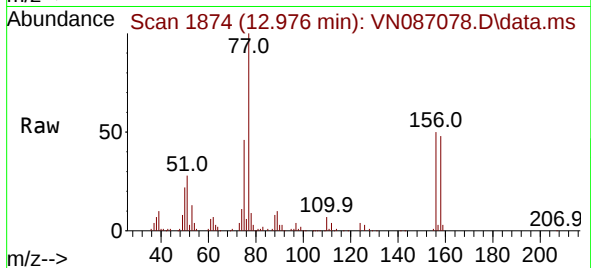
#77
Bromobenzene
Concen: 20.397 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

Tgt Ion:156 Resp: 5376
Ion Ratio Lower Upper
156 100
77 232.2 117.7 353.1
158 94.8 48.1 144.4

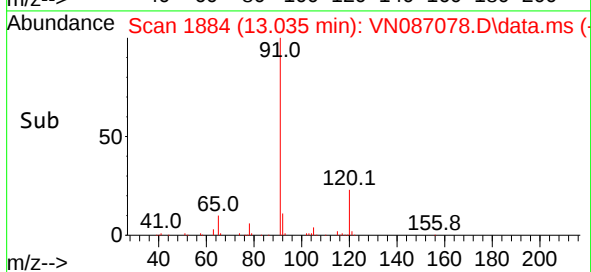
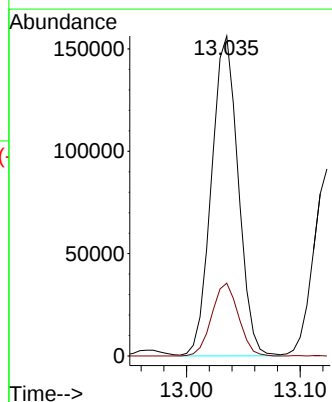
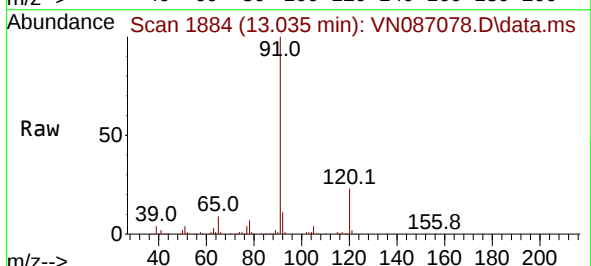
Manual Integrations
APPROVED

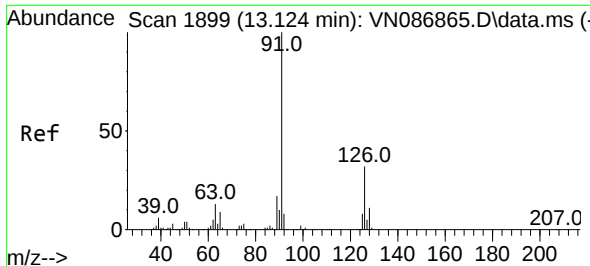
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#78
n-propylbenzene
Concen: 18.337 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

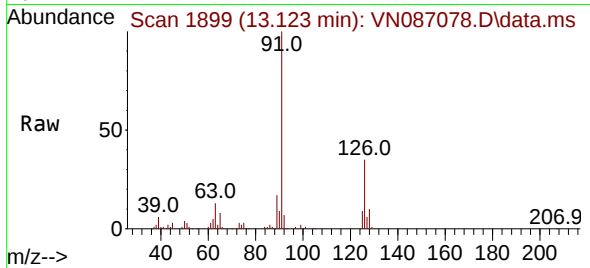
Tgt Ion: 91 Resp: 256105
Ion Ratio Lower Upper
91 100
120 22.6 11.4 34.2





#79
2-Chlorotoluene
Concen: 18.620 ug/l m
RT: 13.123 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

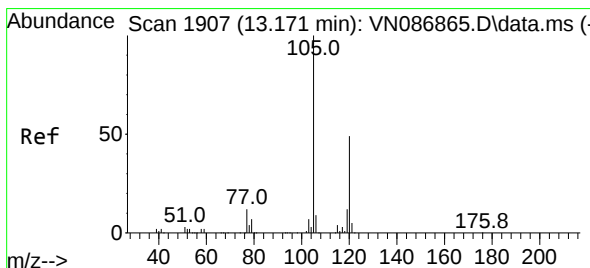
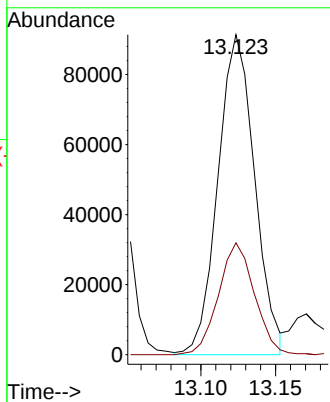
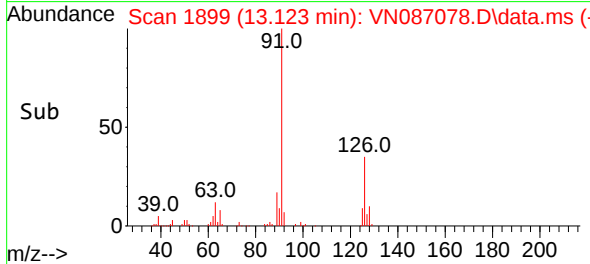
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



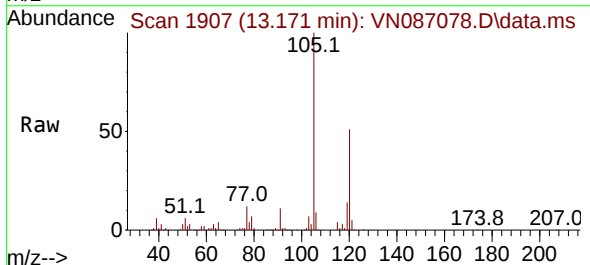
Tgt Ion: 91 Resp: 155964
Ion Ratio Lower Upper
91 100
126 34.3 16.2 48.5

Manual Integrations
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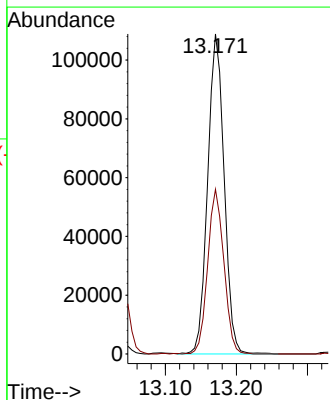
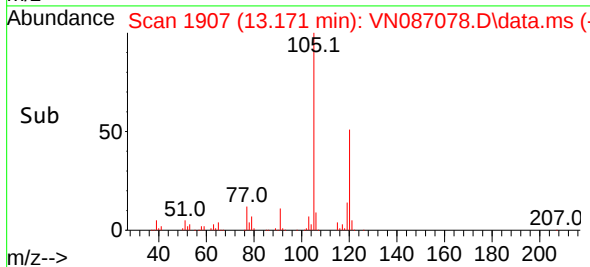
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

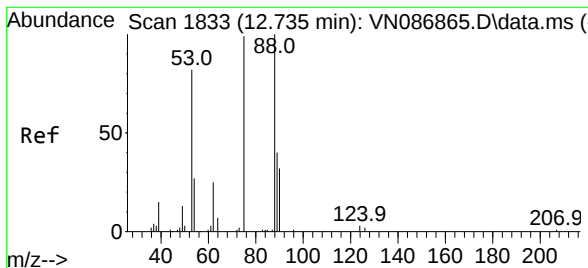


#80
1,3,5-Trimethylbenzene
Concen: 18.482 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29



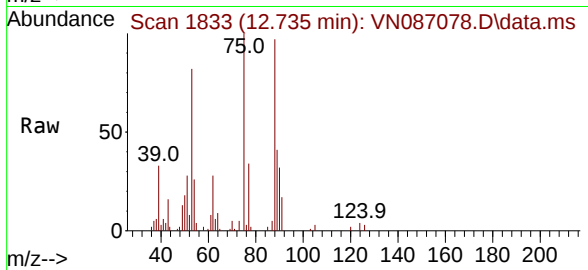
Tgt Ion:105 Resp: 175372
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.192 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

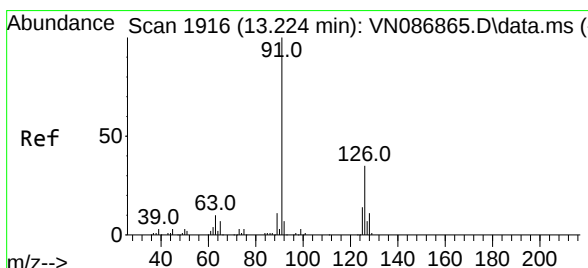
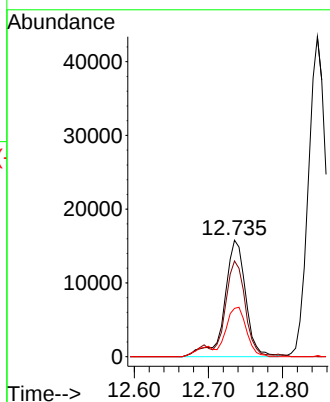
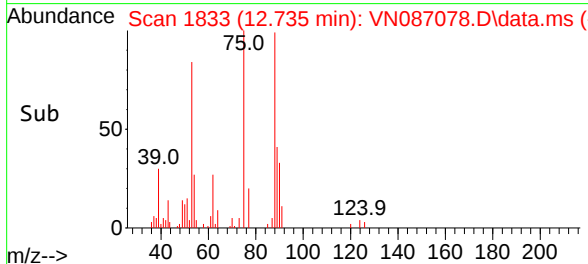
Instrument : MSVOA_N
ClientSampleId : VN0618WBSD01



Tgt Ion: 75 Resp: 31264
Ion Ratio Lower Upper
75 100
53 73.1 66.6 99.8
89 40.0 36.7 55.1

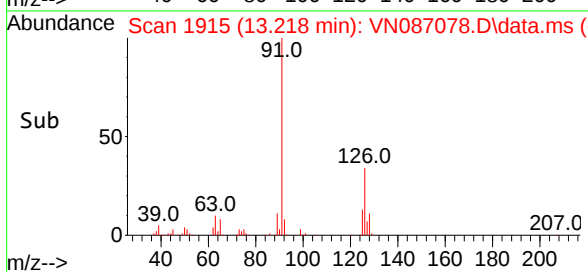
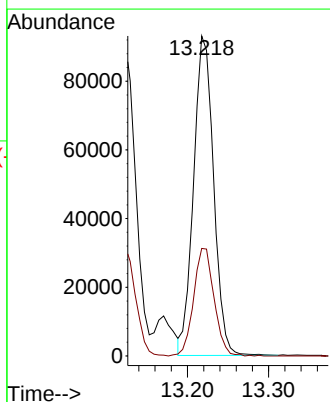
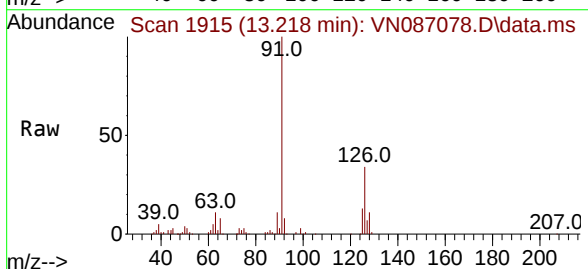
Manual Integrations
APPROVED

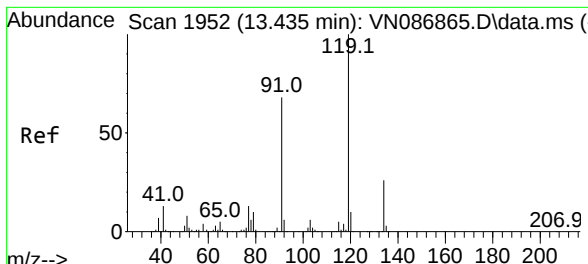
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#82
4-Chlorotoluene
Concen: 18.845 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Tgt Ion: 91 Resp: 159718
Ion Ratio Lower Upper
91 100
126 34.5 16.7 50.1





#83
 tert-Butylbenzene
 Concen: 17.013 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN087078.D
 Acq: 18 Jun 2025 12:29

Instrument :

MSVOA_N

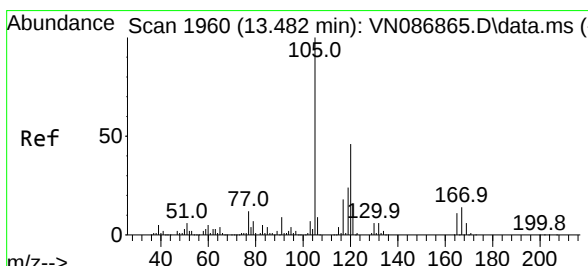
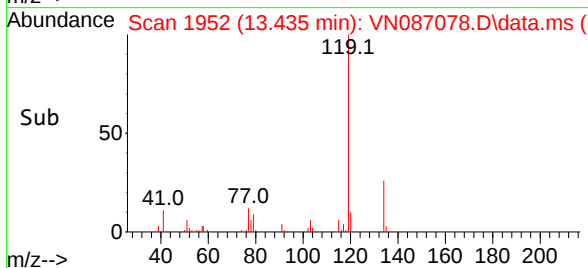
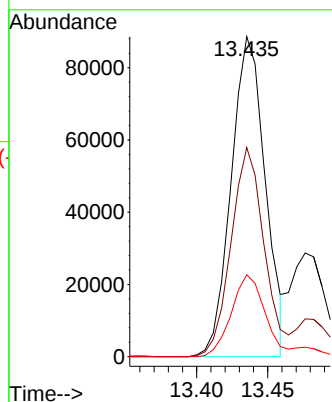
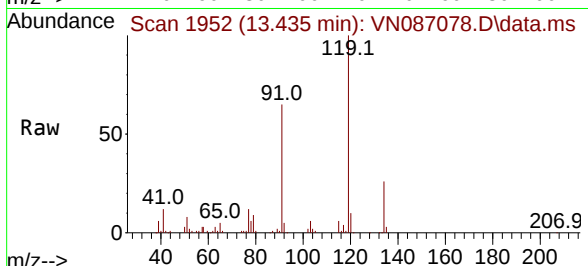
ClientSampleId :

VN0618WBSD01

Tgt Ion:119 Resp: 147768
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.1 96.5
 134 25.1 13.4 40.1

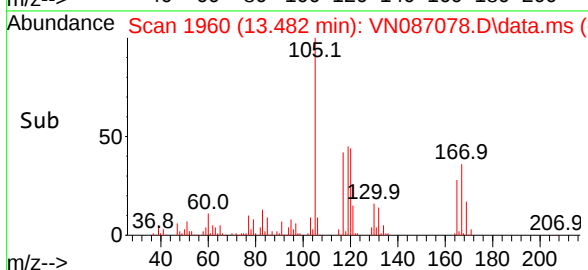
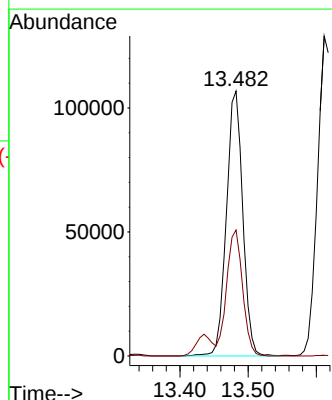
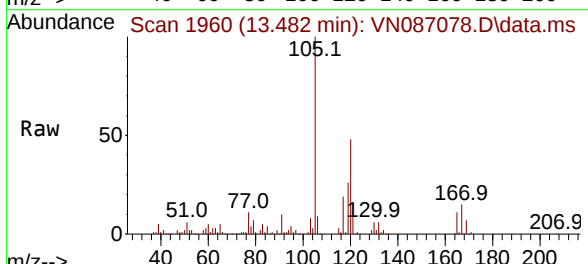
Manual Integrations
 APPROVED

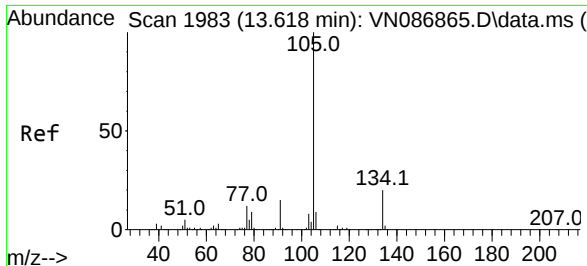
Reviewed By :John Carlone 06/19/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 18.726 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN087078.D
 Acq: 18 Jun 2025 12:29

Tgt Ion:105 Resp: 178175
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.2 69.6





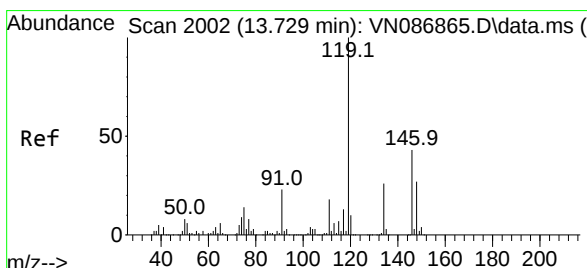
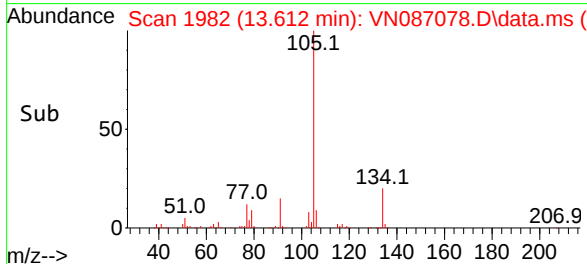
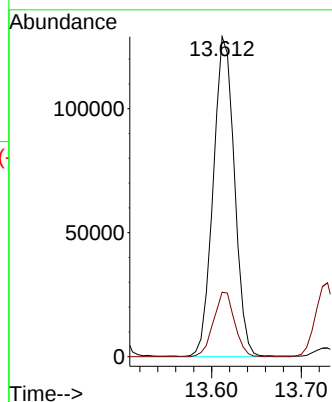
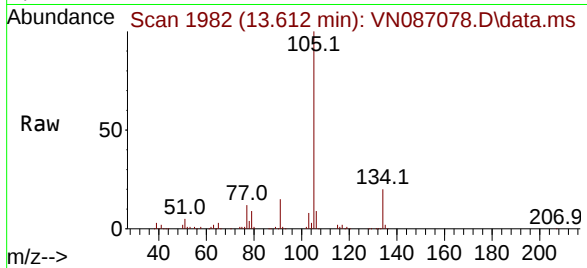
#85
 sec-Butylbenzene
 Concen: 16.843 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087078.D
 Acq: 18 Jun 2025 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0618WBSD01

Tgt Ion:105 Resp: 21245
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0

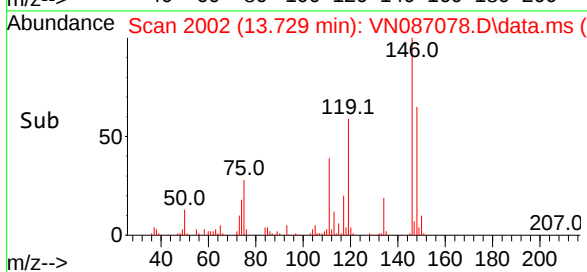
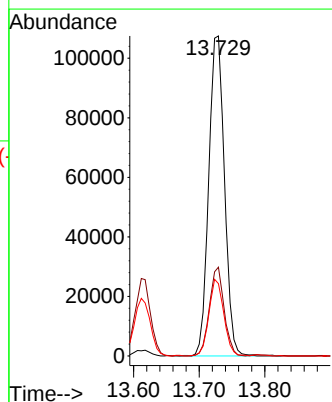
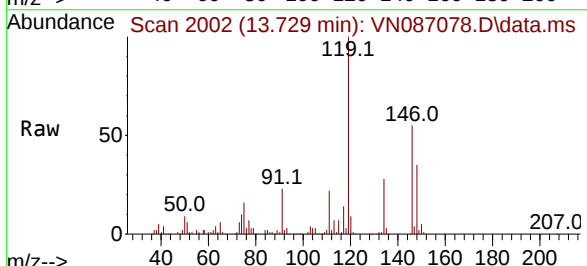
Manual Integrations
 APPROVED

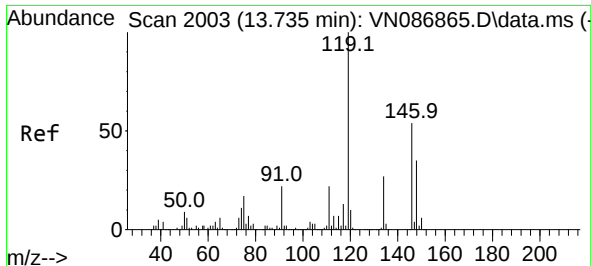
Reviewed By :John Carlone 06/19/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#86
 p-Isopropyltoluene
 Concen: 17.257 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087078.D
 Acq: 18 Jun 2025 12:29

Tgt Ion:119 Resp: 179938
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.5 40.4
 91 22.7 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 19.565 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

Tgt Ion:146 Resp: 101456

Ion Ratio Lower Upper

146 100

111 40.9 20.9 62.8

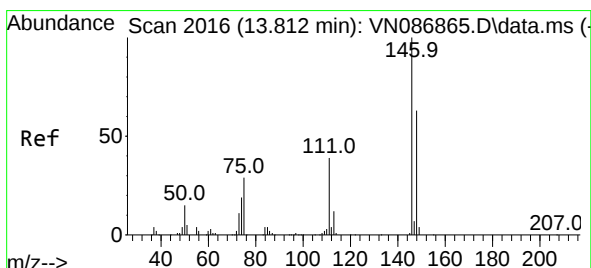
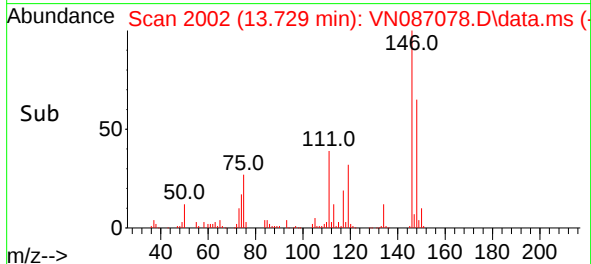
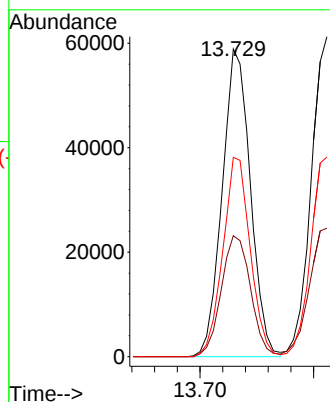
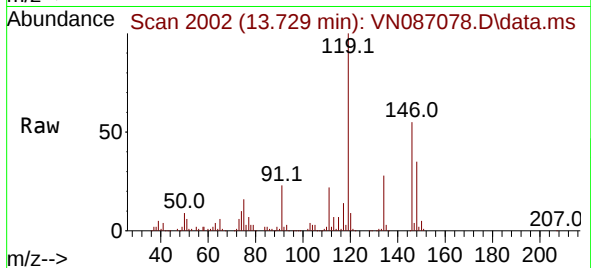
148 63.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#88

1,4-Dichlorobenzene

Concen: 19.730 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

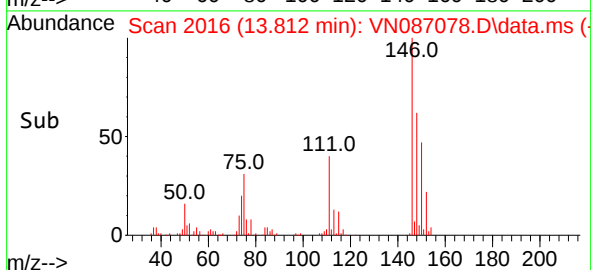
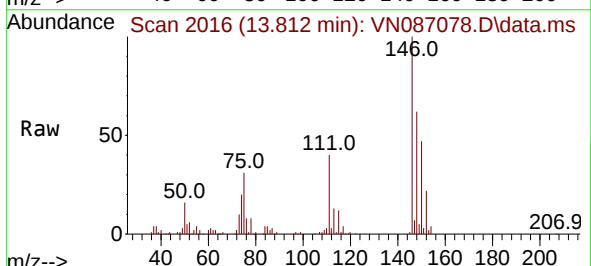
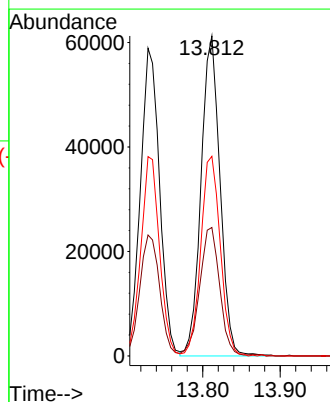
Tgt Ion:146 Resp: 104311

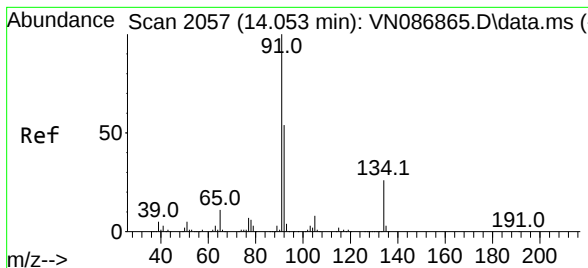
Ion Ratio Lower Upper

146 100

111 41.6 19.9 59.7

148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 15.868 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

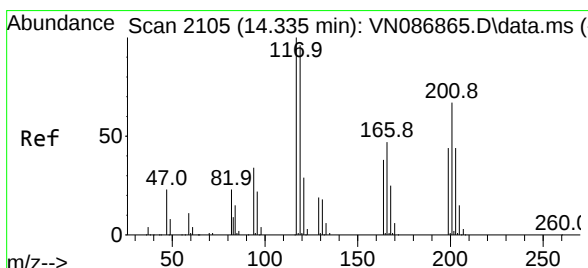
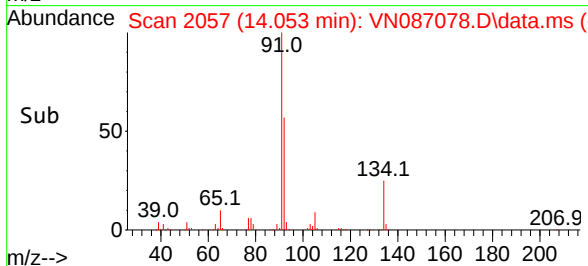
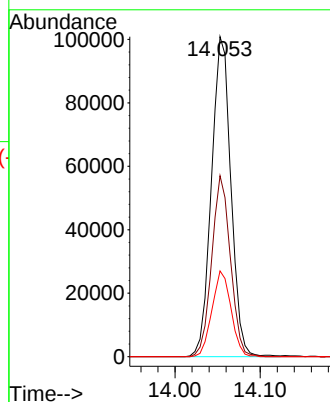
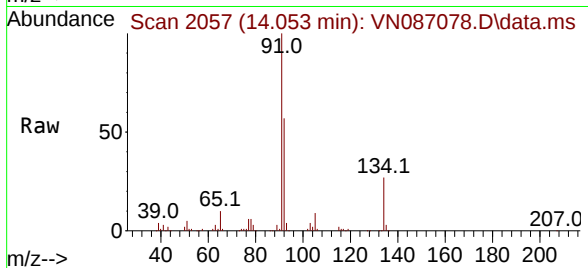
Tgt Ion: 91 Resp: 160262
 Ion Ratio Lower Upper
 91 100
 92 54.3 27.5 82.4
 134 26.2 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#90

Hexachloroethane

Concen: 18.320 ug/l

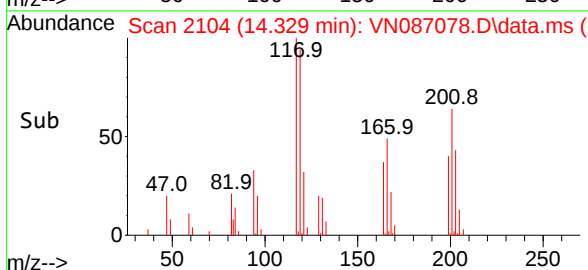
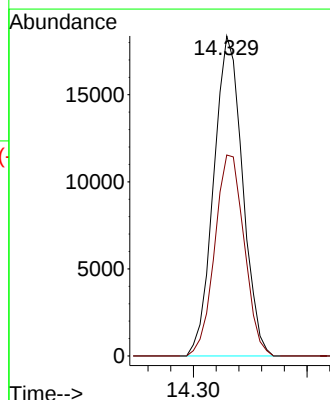
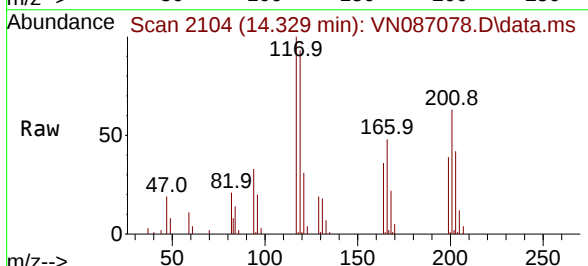
RT: 14.329 min Scan# 2104

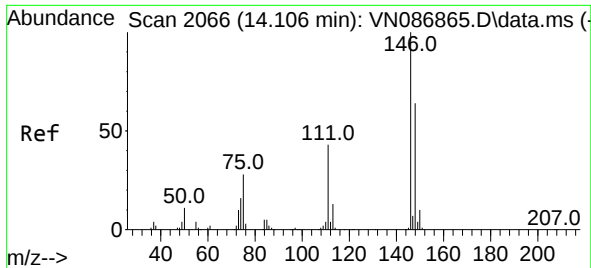
Delta R.T. -0.006 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Tgt Ion:117 Resp: 32379
 Ion Ratio Lower Upper
 117 100
 201 64.3 33.2 99.6





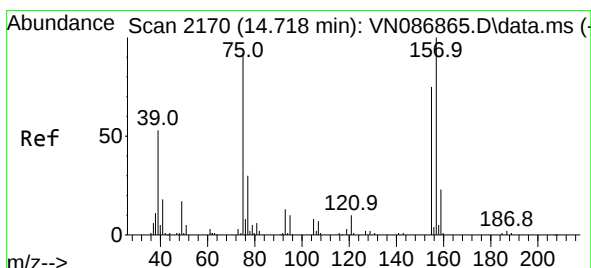
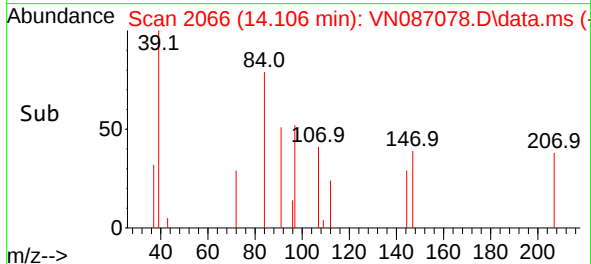
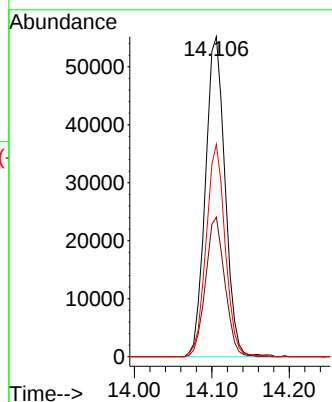
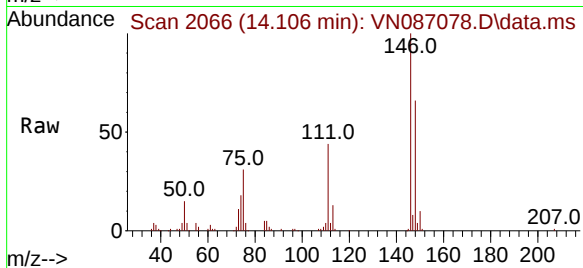
#91
1,2-Dichlorobenzene
Concen: 19.480 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01

Tgt Ion:146 Resp: 97054
Ion Ratio Lower Upper
146 100
111 42.8 21.6 64.6
148 64.5 31.7 95.1

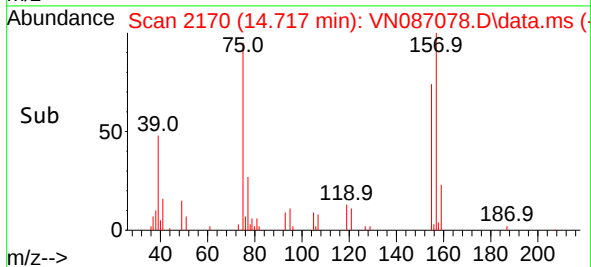
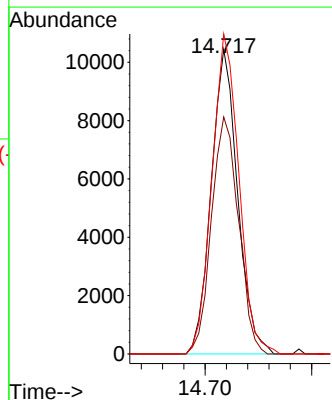
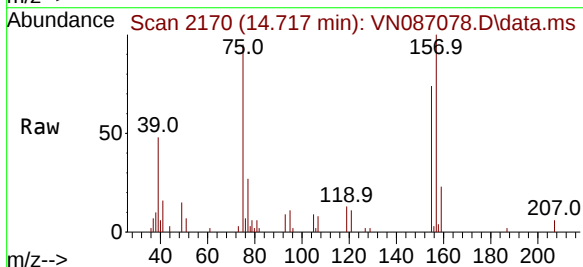
Manual Integrations
APPROVED

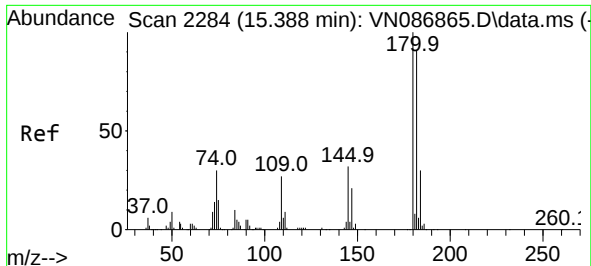
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.333 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

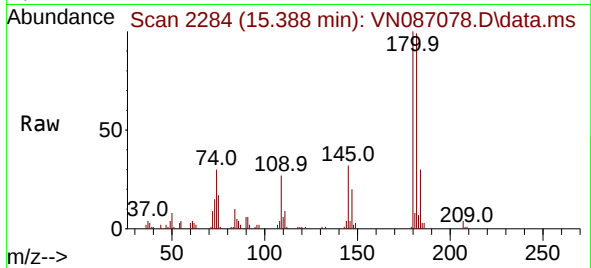
Tgt Ion: 75 Resp: 18002
Ion Ratio Lower Upper
75 100
155 79.7 41.1 123.4
157 107.0 52.7 158.1





#93
1,2,4-Trichlorobenzene
Concen: 17.344 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29

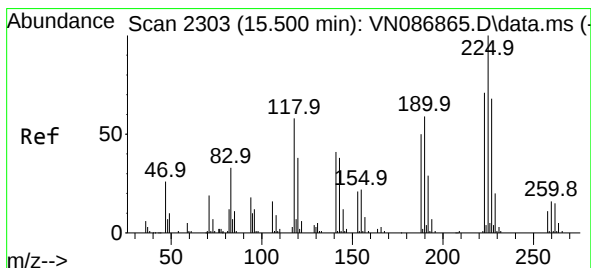
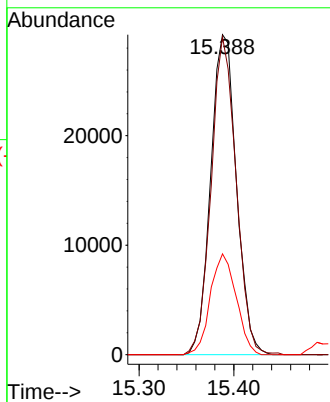
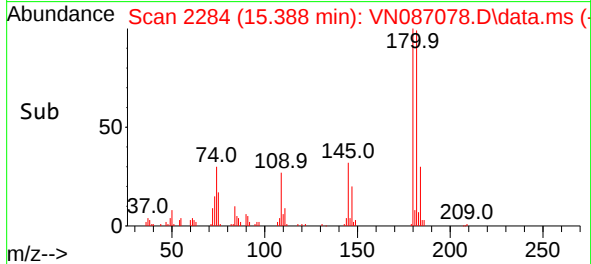
Instrument :
MSVOA_N
ClientSampleId :
VN0618WBSD01



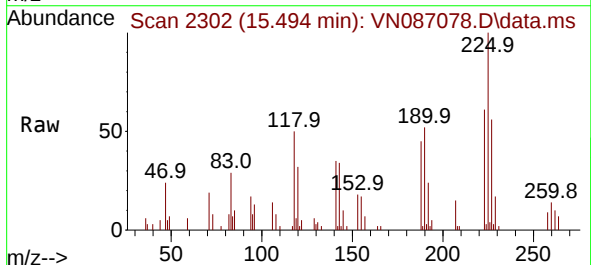
Tgt Ion:180 Resp: 55179
Ion Ratio Lower Upper
180 100
182 96.2 46.9 140.7
145 31.6 16.0 47.9

Manual Integrations
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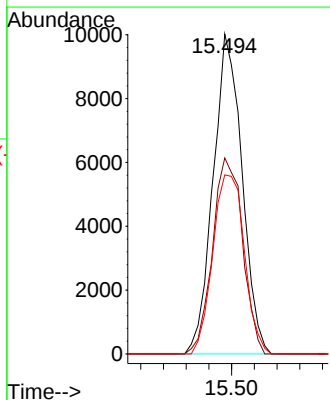
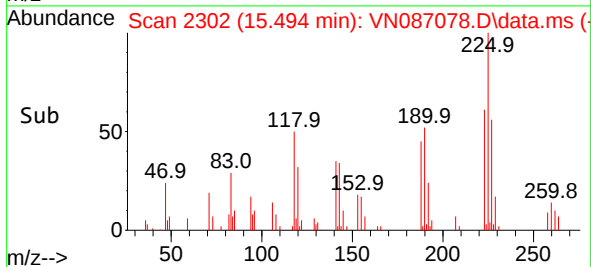
Reviewed By :John Carlone 06/19/2025
Supervised By :Mahesh Dadoda 06/21/2025

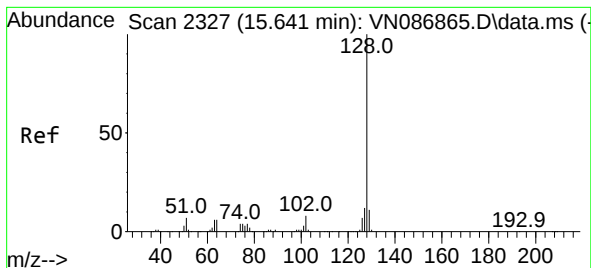


#94
Hexachlorobutadiene
Concen: 14.912 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087078.D
Acq: 18 Jun 2025 12:29



Tgt Ion:225 Resp: 17675
Ion Ratio Lower Upper
225 100
223 63.5 33.5 100.4
227 61.3 31.1 93.5





#95

Naphthalene

Concen: 18.070 ug/l

RT: 15.635 min Scan# 21398

Delta R.T. -0.006 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0618WBSD01

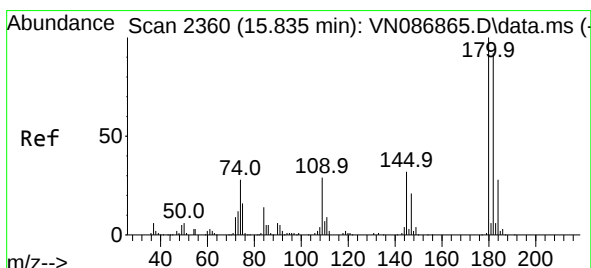
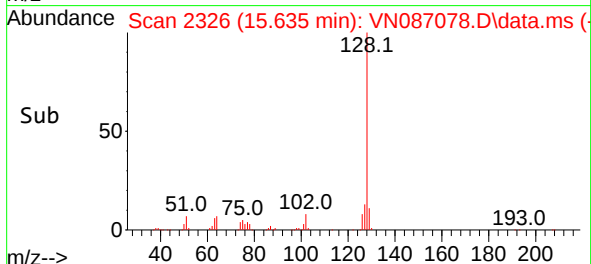
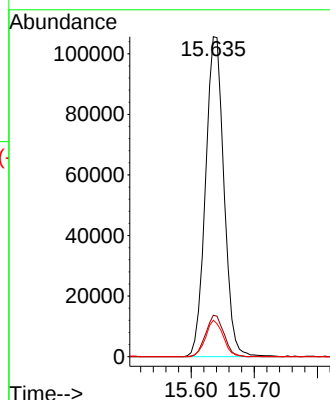
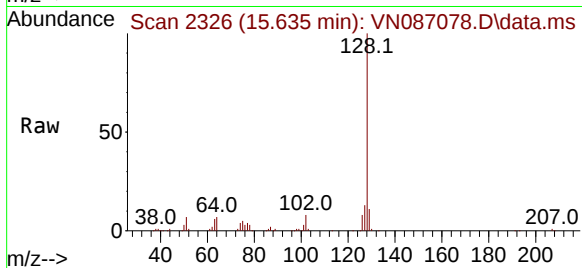
Tgt Ion:	128	Resp:	21398
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/19/2025

Supervised By :Mahesh Dadoda 06/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 17.052 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087078.D

Acq: 18 Jun 2025 12:29

Tgt Ion:	180	Resp:	53898
Ion Ratio	Lower	Upper	
180	100		
182	91.7	47.0	141.0
145	33.4	16.6	49.8

