

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087118.D
 Acq On : 19 Jun 2025 17:31
 Operator : JC\MD
 Sample : Q2329-11MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20250613MS

Quant Time: Jun 20 01:29:27 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

Manual Integrations APPROVED

Reviewed By : John Carlone 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	180737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	323339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	121021	50.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.020%			
35) Dibromofluoromethane	8.177	113	106635	55.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.300%			
50) Toluene-d8	10.565	98	389345	51.326	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	12.847	95	148165	52.573	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	100332	55.676	ug/l	100
3) Chloromethane	2.395	50	113002	48.561	ug/l	97
4) Vinyl Chloride	2.553	62	143221	59.664	ug/l	100
5) Bromomethane	2.983	94	68685	51.131	ug/l	92
6) Chloroethane	3.153	64	92057	59.370	ug/l	94
7) Trichlorofluoromethane	3.524	101	185326	59.091	ug/l	97
8) Diethyl Ether	3.977	74	79694	58.321	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.400	101	113788	57.748	ug/l	99
10) Methyl Iodide	4.618	142	80867	31.659	ug/l	99
11) Tert butyl alcohol	5.541	59	171497	261.186	ug/l	99
12) 1,1-Dichloroethene	4.365	96	117837	58.577	ug/l	98
13) Acrolein	4.194	56	52266	251.473	ug/l	99
14) Allyl chloride	5.047	41	169252	50.732	ug/l	94
15) Acrylonitrile	5.736	53	413603	269.496	ug/l	99
16) Acetone	4.442	43	314890	245.380	ug/l	98
17) Carbon Disulfide	4.736	76	333594	59.951	ug/l	99
18) Methyl Acetate	5.047	43	165839	44.346	ug/l	98
19) Methyl tert-butyl Ether	5.818	73	409286	56.192	ug/l	100
20) Methylene Chloride	5.300	84	132585	55.186	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	127413	56.928	ug/l	94
22) Diisopropyl ether	6.683	45	374500	53.253	ug/l	98
23) Vinyl Acetate	6.618	43	1542168	259.551	ug/l	97
24) 1,1-Dichloroethane	6.583	63	230943	57.065	ug/l	99
25) 2-Butanone	7.494	43	519481	249.041	ug/l	97
26) 2,2-Dichloropropane	7.500	77	172985	54.949	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	153827	57.469	ug/l	96
28) Bromochloromethane	7.824	49	95053	47.769	ug/l	92
29) Tetrahydrofuran	7.847	42	344998	253.893	ug/l	95
30) Chloroform	7.977	83	228488	56.534	ug/l	97
31) Cyclohexane	8.265	56	200388	51.057	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	193854	56.394	ug/l	99
36) 1,1-Dichloropropene	8.377	75	167705	58.734	ug/l	100
37) Ethyl Acetate	7.571	43	189405	52.109	ug/l	99
38) Carbon Tetrachloride	8.371	117	163068	58.171	ug/l	98
39) Methylcyclohexane	9.606	83	190684	48.745	ug/l	97
40) Benzene	8.612	78	535976	57.404	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	103692	50.796	ug/l	93
42) 1,2-Dichloroethane	8.677	62	158483	55.962	ug/l	100
43) Isopropyl Acetate	8.694	43	291879	50.032	ug/l	96
44) Trichloroethene	9.359	130	215352	97.270	ug/l	98
45) 1,2-Dichloropropane	9.624	63	128642	56.632	ug/l	99
46) Dibromomethane	9.712	93	88375	58.573	ug/l	99
47) Bromodichloromethane	9.888	83	178318	57.442	ug/l	98
48) Methyl methacrylate	9.682	41	136295	50.759	ug/l	94
49) 1,4-Dioxane	9.706	88	57592	1178.993	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	944616	268.964	ug/l	97
52) Toluene	10.629	92	334253	58.579	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	198096	57.068	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	209243	56.337	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	126737	57.724	ug/l	99
56) Ethyl methacrylate	10.876	69	209456	59.895	ug/l	93
57) 1,3-Dichloropropane	11.165	76	219270	57.571	ug/l	99
59) 2-Hexanone	11.200	43	632533	279.606	ug/l	93
60) Dibromochloromethane	11.359	129	138037	60.343	ug/l	99
61) 1,2-Dibromoethane	11.470	107	132627	58.934	ug/l	98
64) Tetrachloroethene	11.106	164	104229	57.264	ug/l	95
65) Chlorobenzene	11.894	112	362505	57.149	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	118036	57.889	ug/l	99
67) Ethyl Benzene	11.965	91	607039	55.559	ug/l	99
68) m/p-Xylenes	12.070	106	486047	116.211	ug/l	98
69) o-Xylene	12.394	106	235034	58.675	ug/l	96
70) Styrene	12.412	104	398866	58.190	ug/l	99
71) Bromoform	12.576	173	91748	60.729	ug/l #	99
73) Isopropylbenzene	12.694	105	574771	54.196	ug/l	99
74) N-amyl acetate	12.512	43	169068	45.621	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	199250	55.457	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	163580m	47.272	ug/l	
77) Bromobenzene	12.982	156	139561	57.381	ug/l	96
78) n-propylbenzene	13.035	91	675516	52.413	ug/l	99
79) 2-Chlorotoluene	13.123	91	407496	52.721	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	475753	54.335	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	79351	52.787	ug/l	91
82) 4-Chlorotoluene	13.217	91	419800	53.678	ug/l	98
83) tert-Butylbenzene	13.435	119	407771	50.876	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	480566	54.733	ug/l	100
85) sec-Butylbenzene	13.612	105	576942	49.567	ug/l	100
86) p-Isopropyltoluene	13.729	119	486569	50.571	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	268884	56.190	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	271234	55.596	ug/l	100
89) n-Butylbenzene	14.053	91	422443	45.329	ug/l	99
90) Hexachloroethane	14.329	117	86124	52.807	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	258146	56.151	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	44690	52.011	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	141709	48.271	ug/l	99
94) Hexachlorobutadiene	15.494	225	42186	38.570	ug/l	98
95) Naphthalene	15.635	128	577711	52.869	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	137332	47.084	ug/l	99

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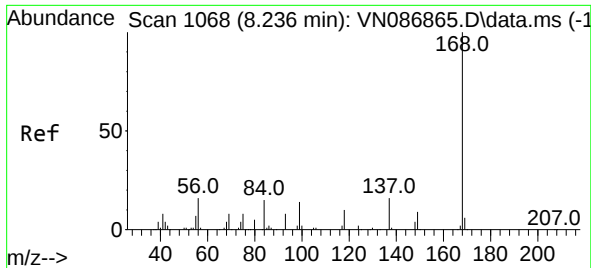
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 01:29:27 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

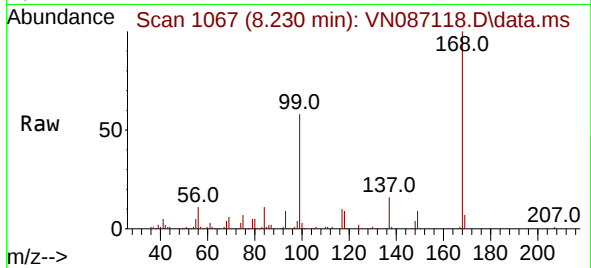
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
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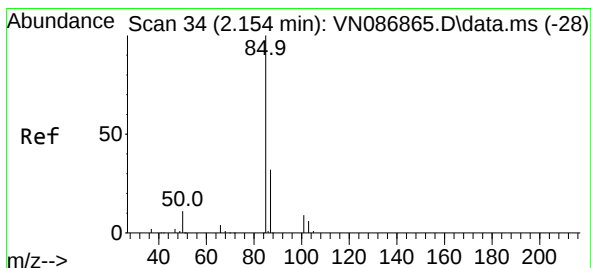
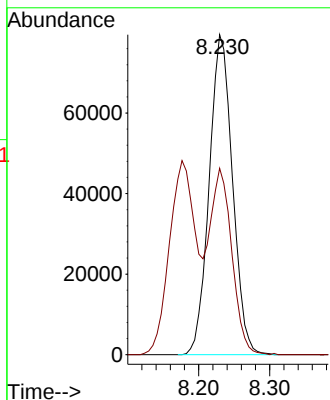
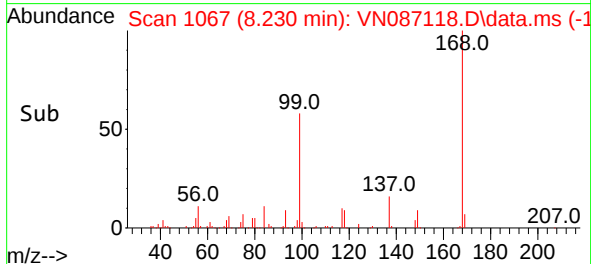
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion:168 Resp: 18073
Ion Ratio Lower Upper
168 100
99 58.3 49.1 73.7

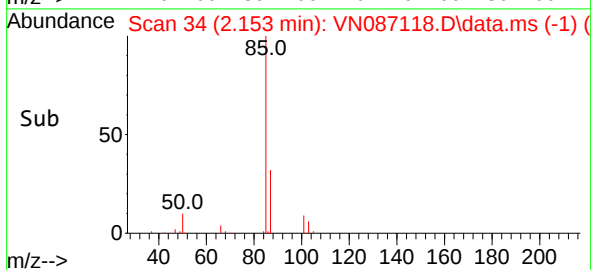
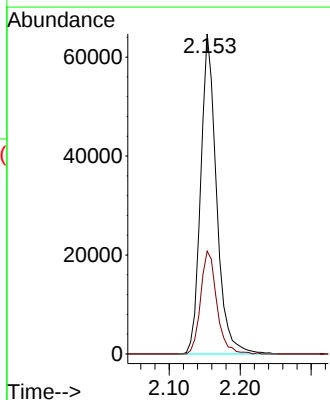
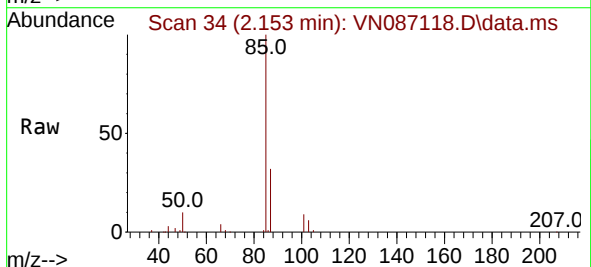
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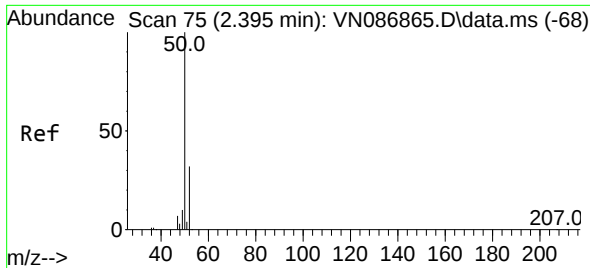
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#2
Dichlorodifluoromethane
Concen: 55.676 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

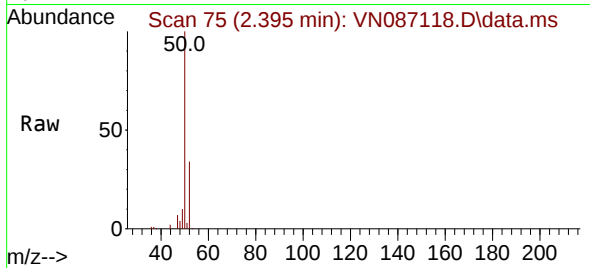
Tgt Ion: 85 Resp: 100332
Ion Ratio Lower Upper
85 100
87 32.1 16.2 48.6





#3
Chloromethane
Concen: 48.561 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

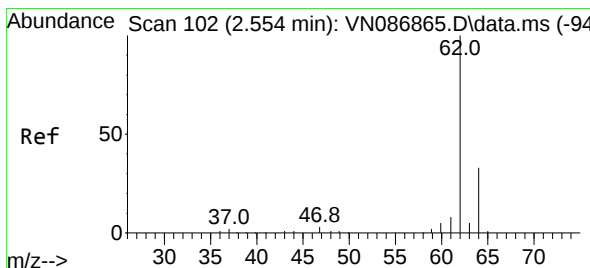
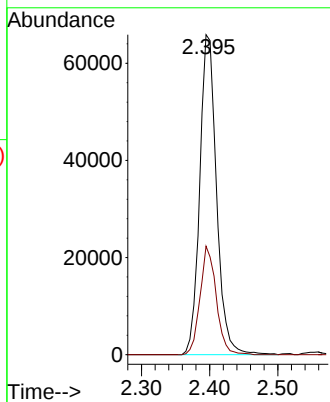
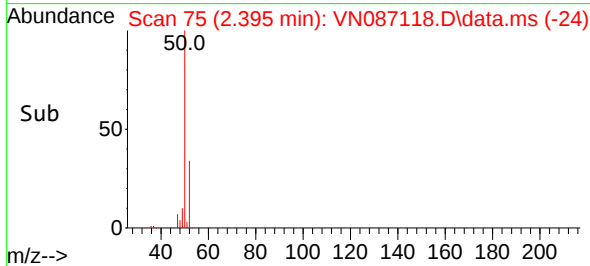
Instrument :
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Tgt Ion: 50 Resp: 11300
Ion Ratio Lower Upper
50 100
52 33.9 25.7 38.5

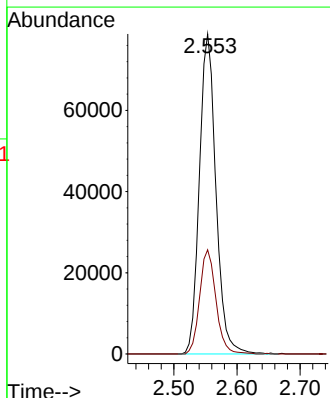
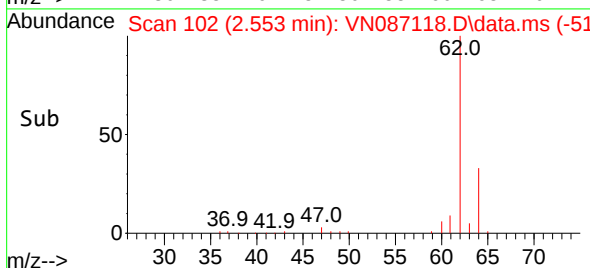
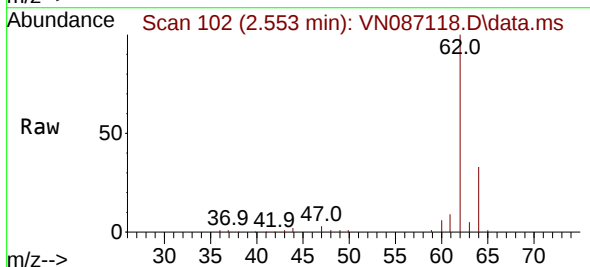
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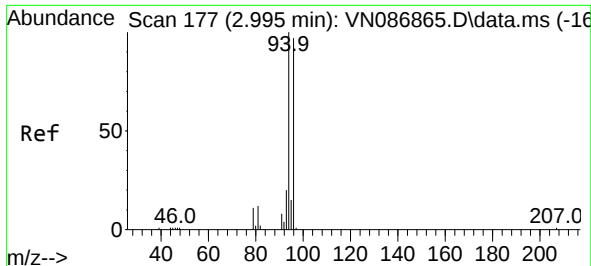
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#4
Vinyl Chloride
Concen: 59.664 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

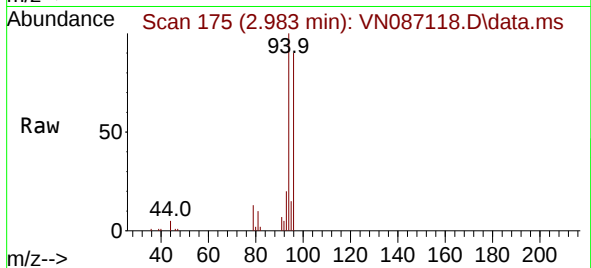
Tgt Ion: 62 Resp: 143221
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0





#5
Bromomethane
Concen: 51.131 ug/l
RT: 2.983 min Scan# 177
Delta R.T. -0.012 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

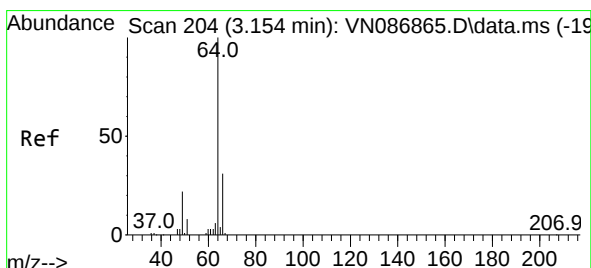
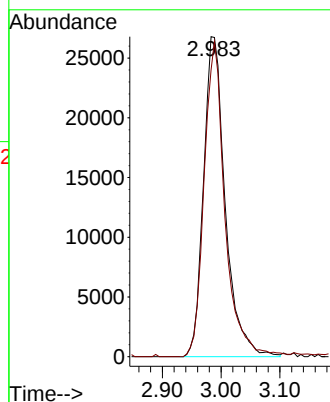
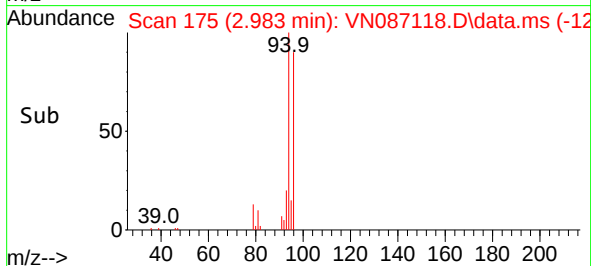
Instrument :
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Tgt Ion: 94 Resp: 6868
Ion Ratio Lower Upper
94 100
96 89.7 77.9 116.9

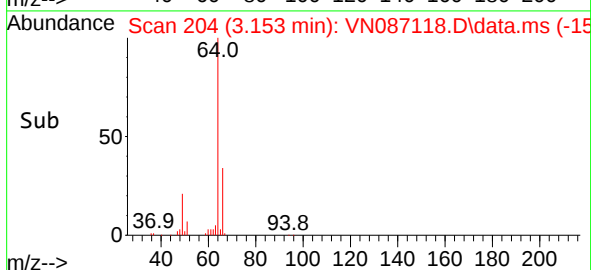
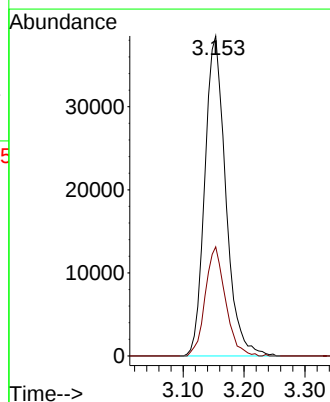
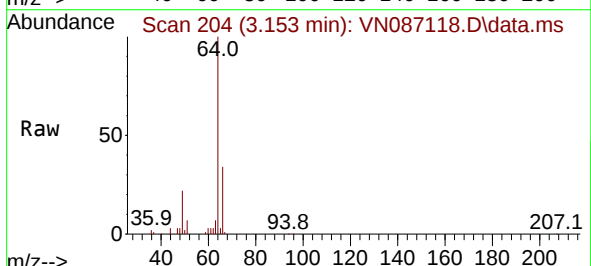
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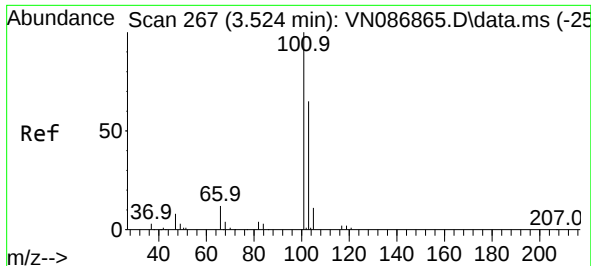
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#6
Chloroethane
Concen: 59.370 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

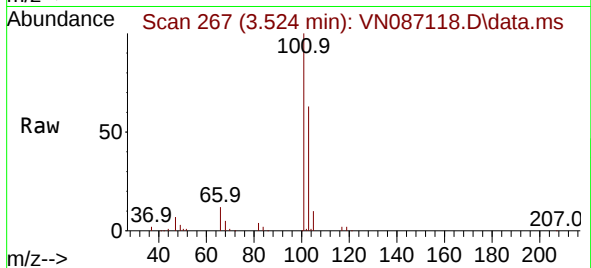
Tgt Ion: 64 Resp: 92057
Ion Ratio Lower Upper
64 100
66 34.1 24.6 36.8





#7
Trichlorofluoromethane
Concen: 59.091 ug/l
RT: 3.524 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

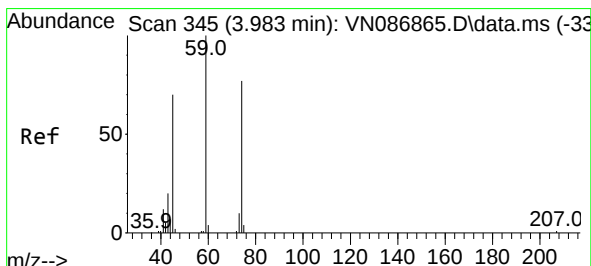
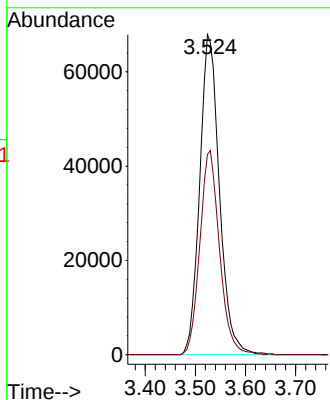
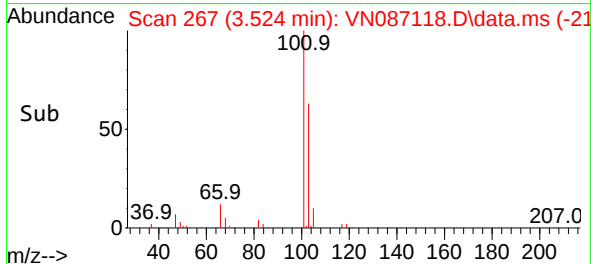
Instrument :
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TT172S1-20250613MS



Tgt Ion:101 Resp: 185320
Ion Ratio Lower Upper
101 100
103 62.6 52.2 78.2

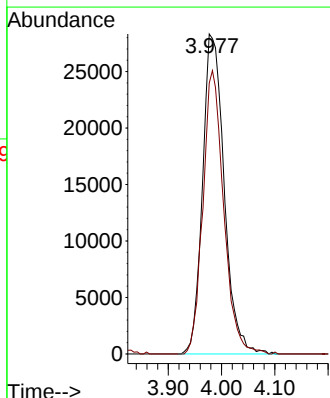
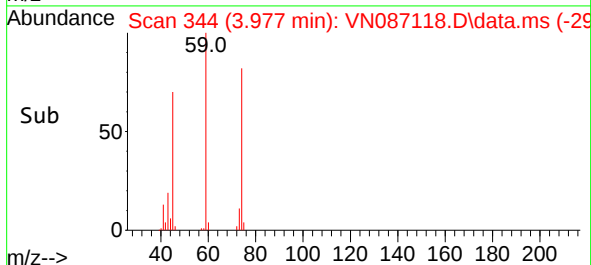
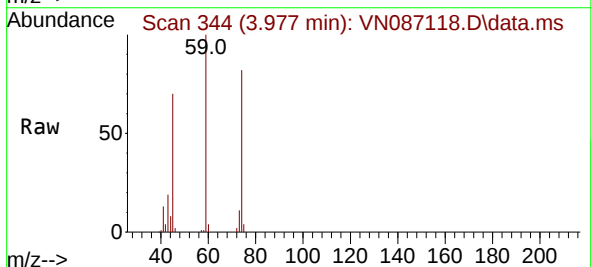
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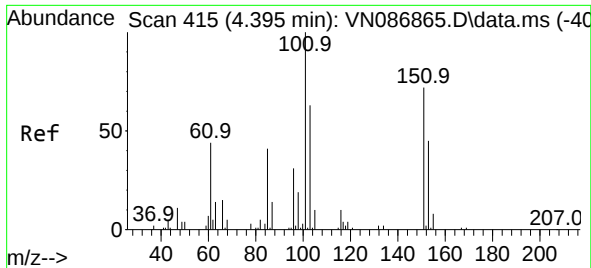
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#8
Diethyl Ether
Concen: 58.321 ug/l
RT: 3.977 min Scan# 344
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Tgt Ion: 74 Resp: 79694
Ion Ratio Lower Upper
74 100
45 85.2 45.5 136.5





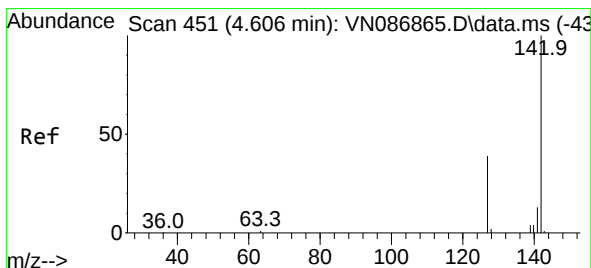
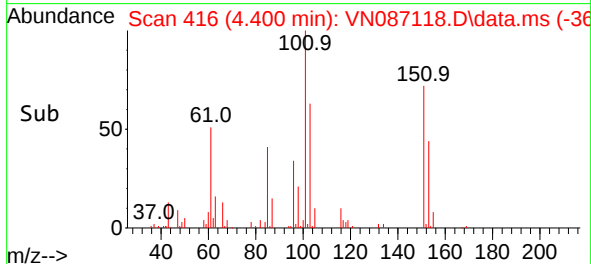
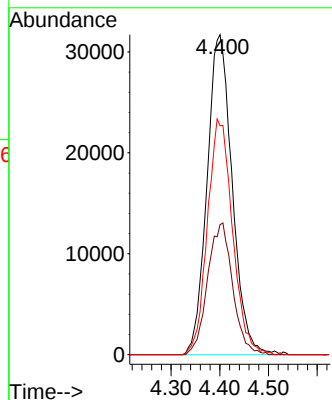
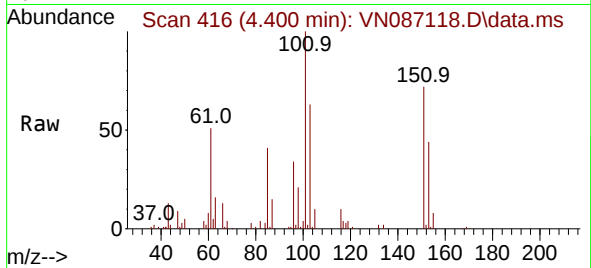
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.748 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS

Tgt Ion:101 Resp: 11378
Ion Ratio Lower Upper
101 100
85 40.9 33.8 50.8
151 73.4 58.7 88.1

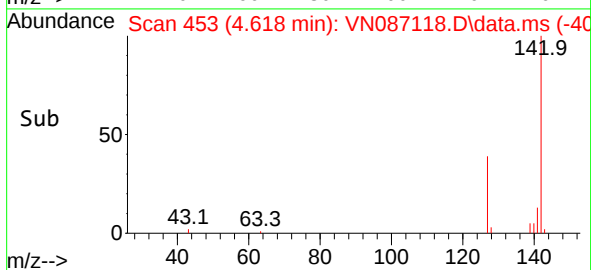
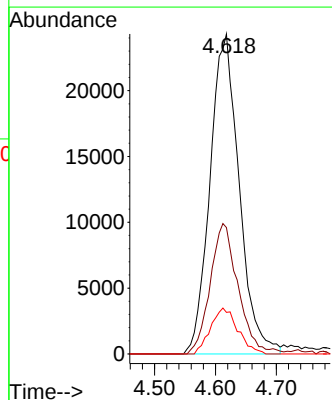
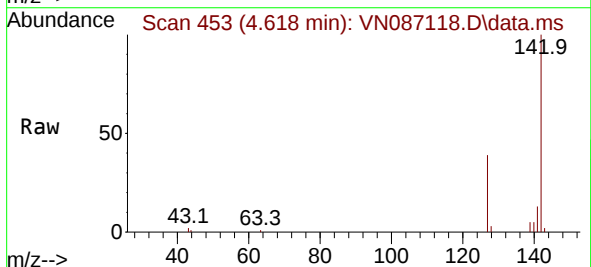
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 31.659 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

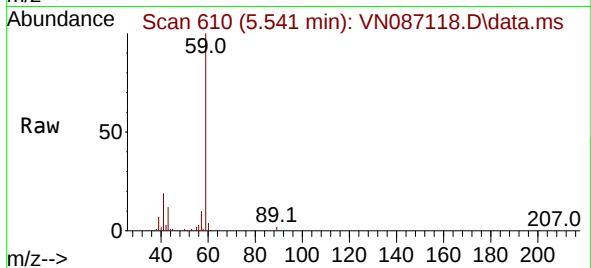
Tgt Ion:142 Resp: 80867
Ion Ratio Lower Upper
142 100
127 39.5 30.9 46.3
141 13.0 10.4 15.6





#11
Tert butyl alcohol
Concen: 261.186 ug/l
RT: 5.541 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

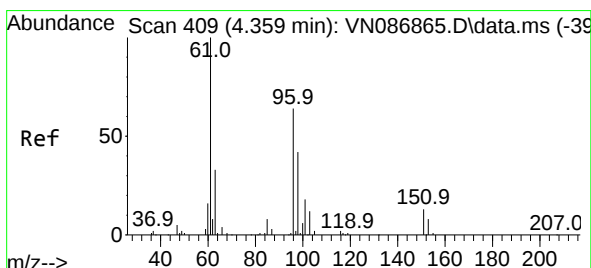
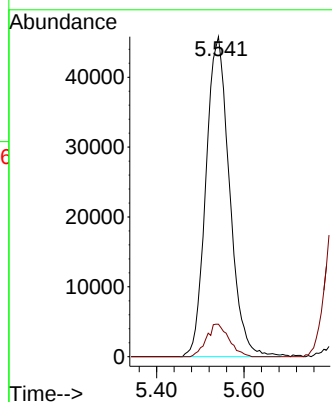
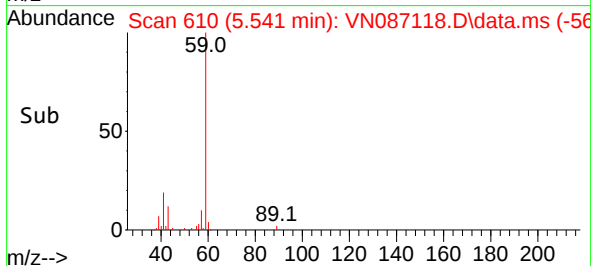
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion: 59 Resp: 17149
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1

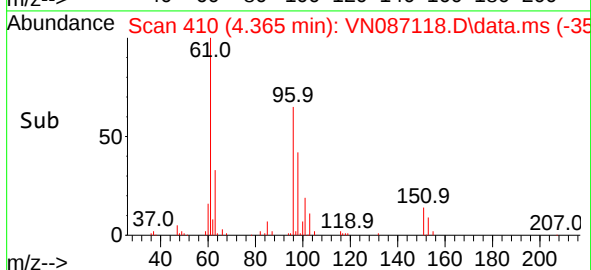
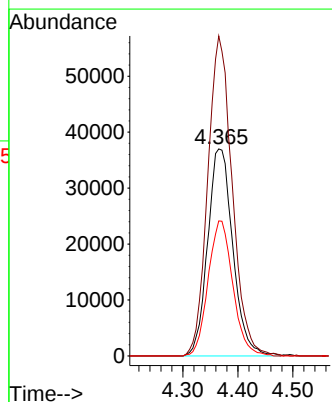
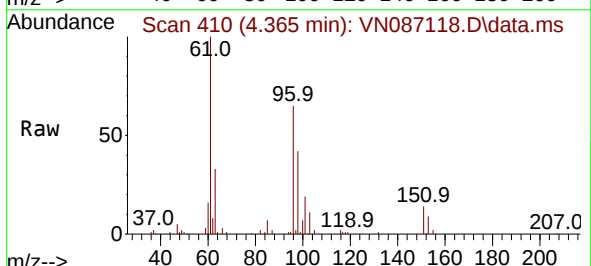
Manual Integrations
APPROVED

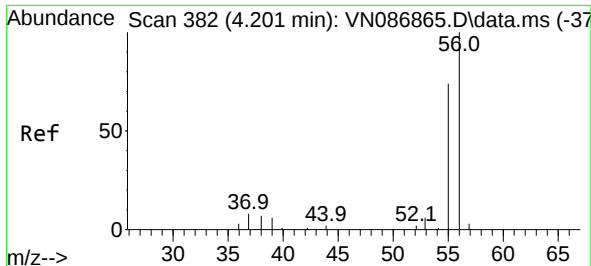
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#12
1,1-Dichloroethene
Concen: 58.577 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

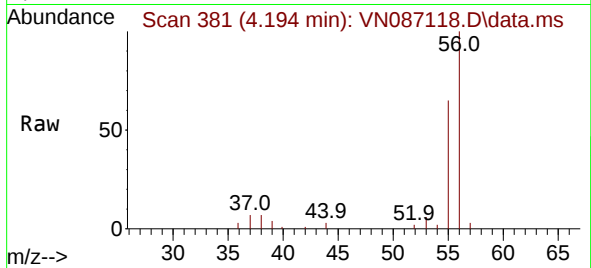
Tgt Ion: 96 Resp: 117837
Ion Ratio Lower Upper
96 100
61 154.5 125.8 188.6
98 65.2 52.5 78.7





#13
Acrolein
Concen: 251.473 ug/l
RT: 4.194 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

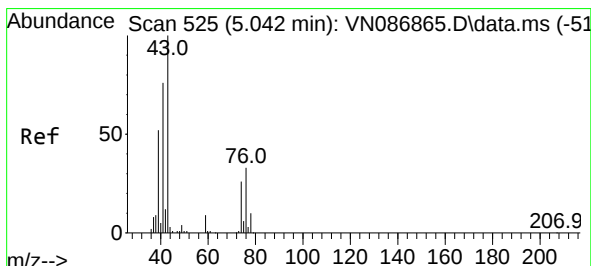
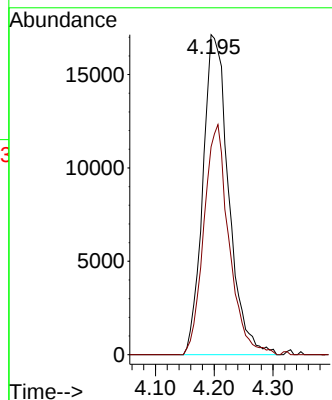
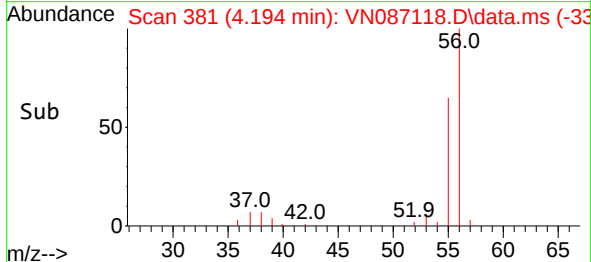
Instrument : MSVOA_N
ClientSampleId : TT172S1-20250613MS



Tgt Ion: 56 Resp: 52260
Ion Ratio Lower Upper
56 100
55 70.1 55.6 83.4

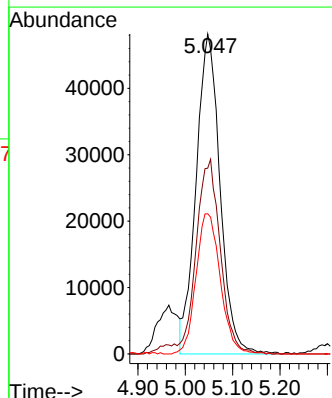
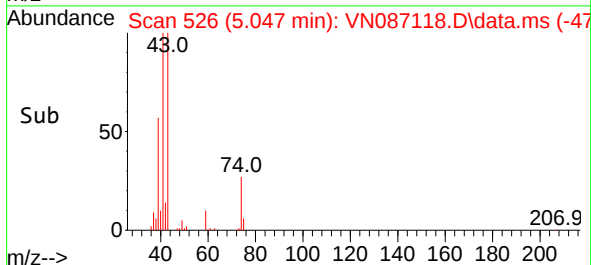
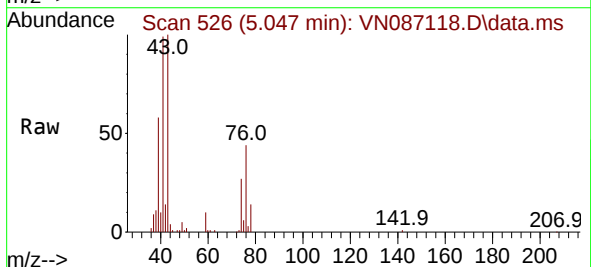
Manual Integrations
APPROVED

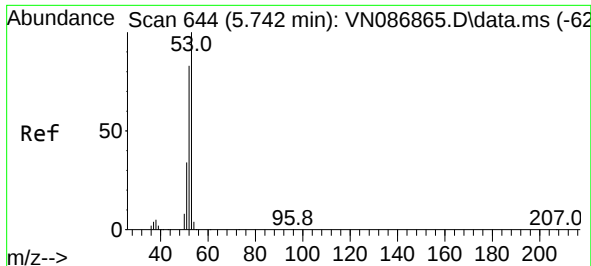
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#14
Allyl chloride
Concen: 50.732 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

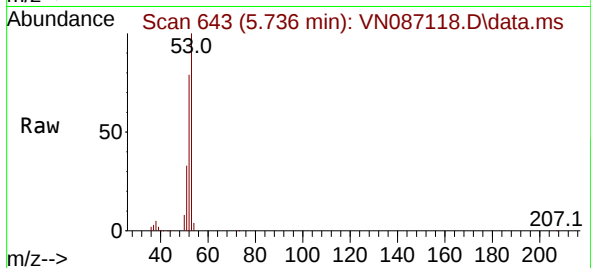
Tgt Ion: 41 Resp: 169252
Ion Ratio Lower Upper
41 100
39 61.1 51.3 76.9
76 44.5 31.4 47.0





#15
Acrylonitrile
Concen: 269.496 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

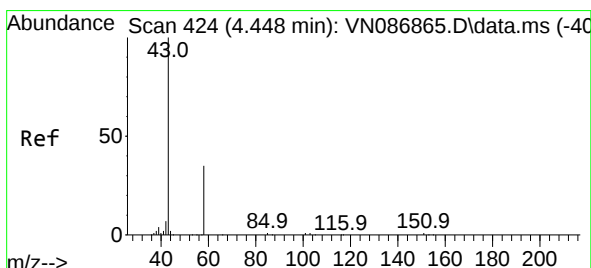
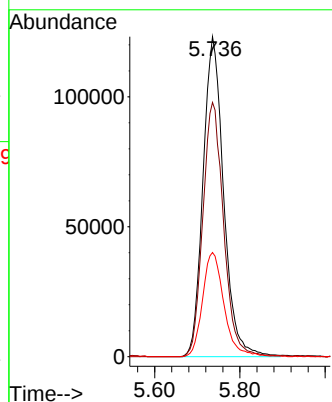
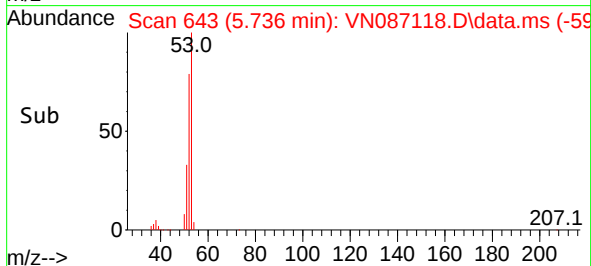
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion: 53 Resp: 41360
Ion Ratio Lower Upper
53 100
52 79.9 65.0 97.6
51 33.8 27.2 40.8

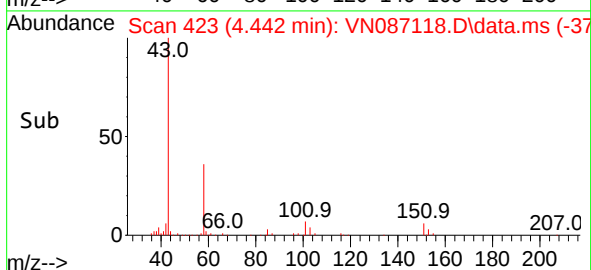
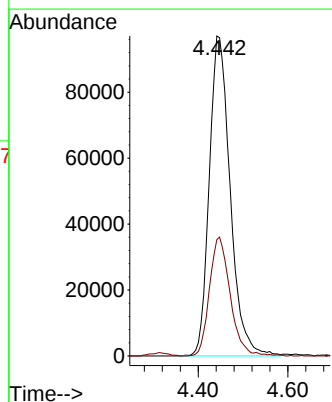
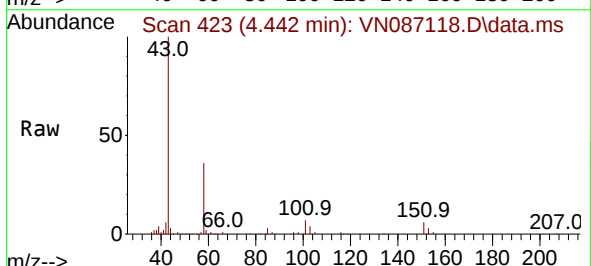
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 245.380 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

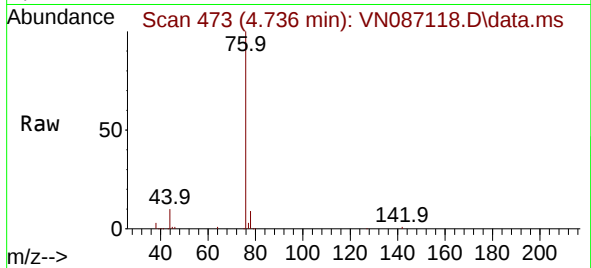
Tgt Ion: 43 Resp: 314890
Ion Ratio Lower Upper
43 100
58 36.4 28.0 42.0





#17
Carbon Disulfide
Concen: 59.951 ug/l
RT: 4.736 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

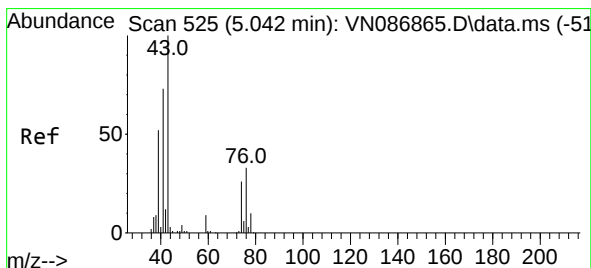
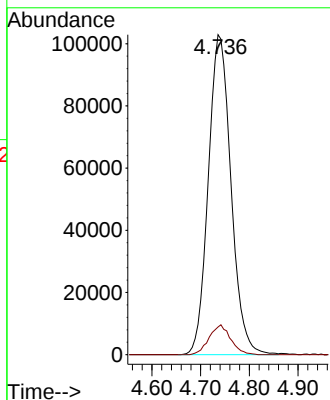
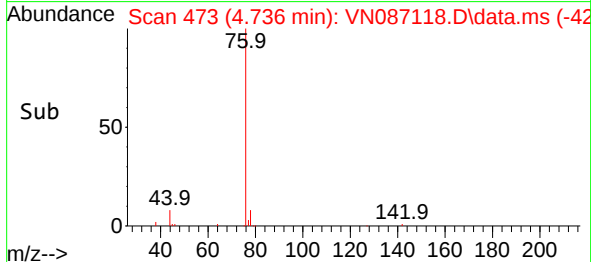
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion: 76 Resp: 333594
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

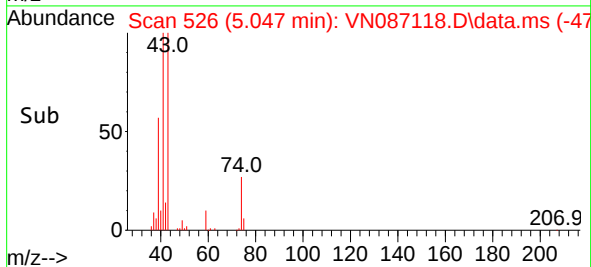
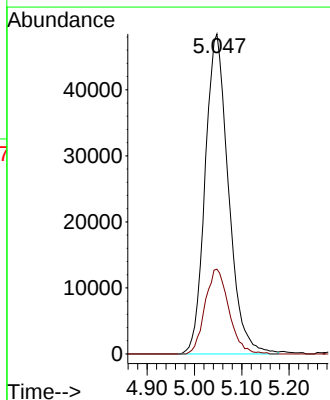
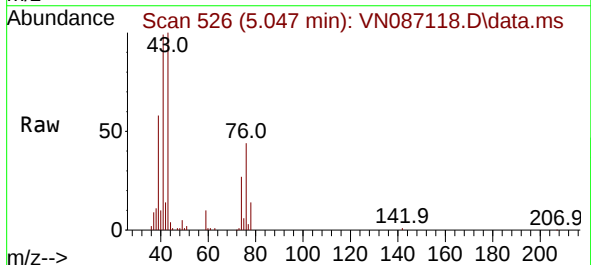
Manual Integrations
APPROVED

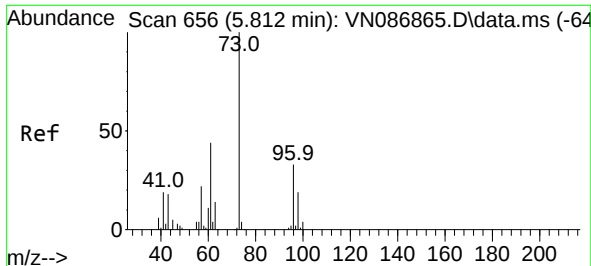
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#18
Methyl Acetate
Concen: 44.346 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

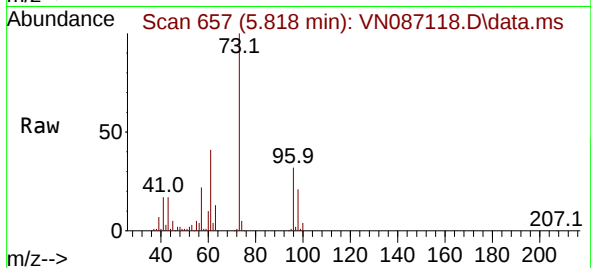
Tgt Ion: 43 Resp: 165839
Ion Ratio Lower Upper
43 100
74 27.1 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 56.192 ug/l
RT: 5.818 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

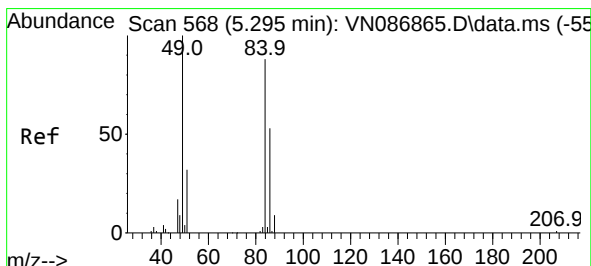
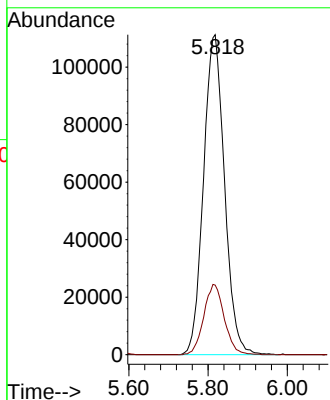
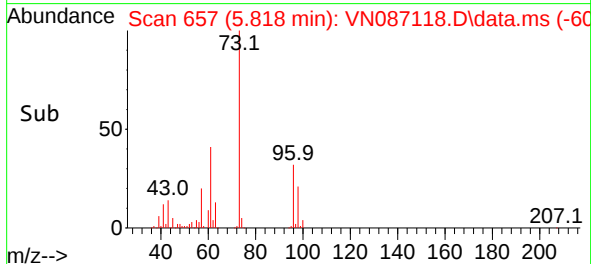
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion: 73 Resp: 409286
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

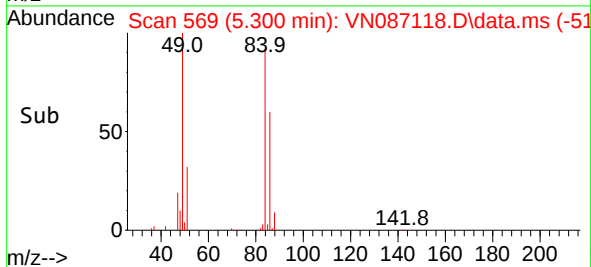
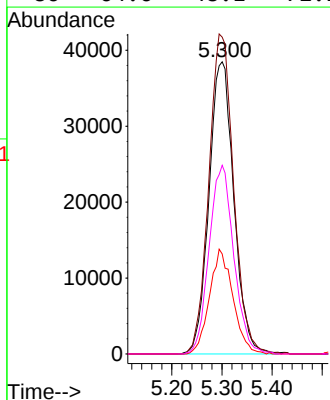
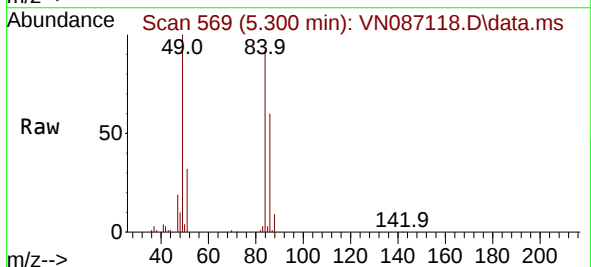
Manual Integrations
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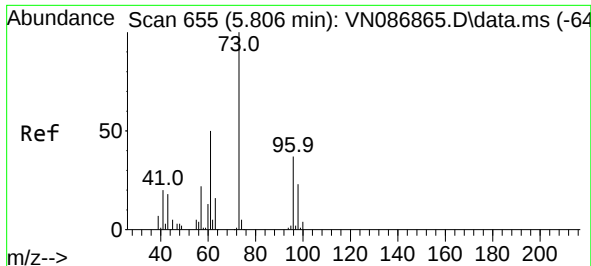
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 55.186 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

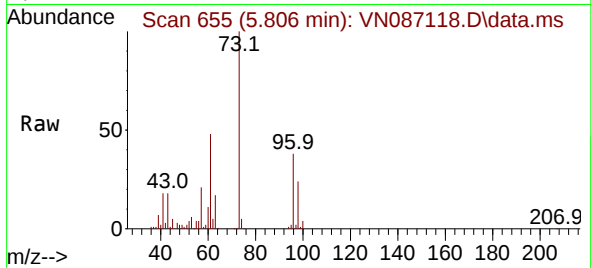
Tgt Ion: 84 Resp: 132585
Ion Ratio Lower Upper
84 100
49 108.4 90.5 135.7
51 34.2 28.5 42.7
86 64.6 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 56.928 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

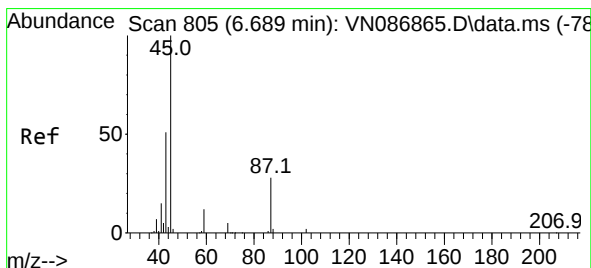
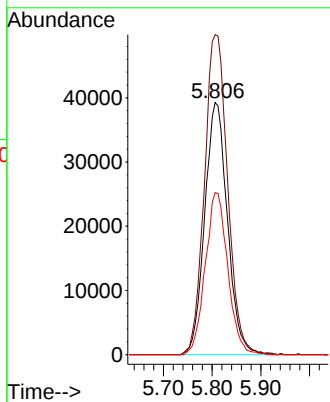
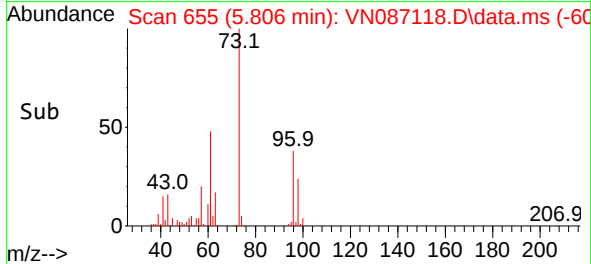
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion: 96 Resp: 12741
Ion Ratio Lower Upper
96 100
61 126.9 109.2 163.8
98 64.3 49.8 74.8

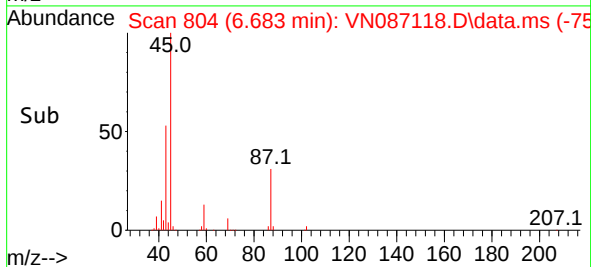
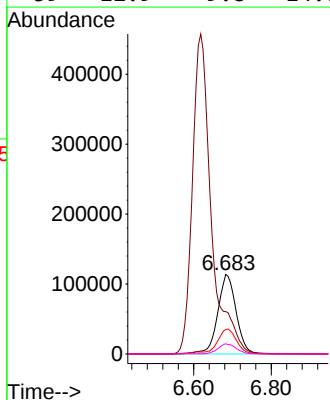
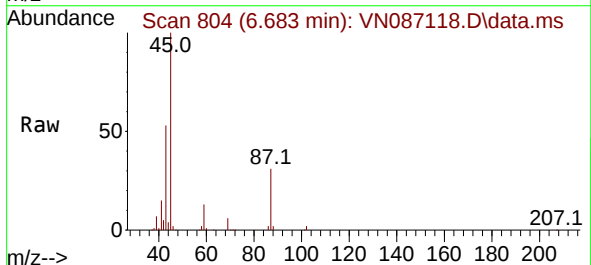
Manual Integrations
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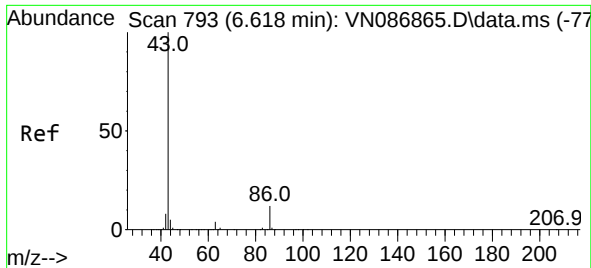
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#22
Diisopropyl ether
Concen: 53.253 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

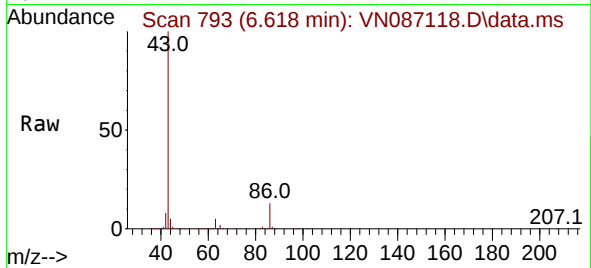
Tgt Ion: 45 Resp: 374500
Ion Ratio Lower Upper
45 100
43 52.8 41.9 62.9
87 30.8 22.4 33.6
59 12.9 9.8 14.6





#23
 Vinyl Acetate
 Concen: 259.551 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087118.D
 Acq: 19 Jun 2025 17:31

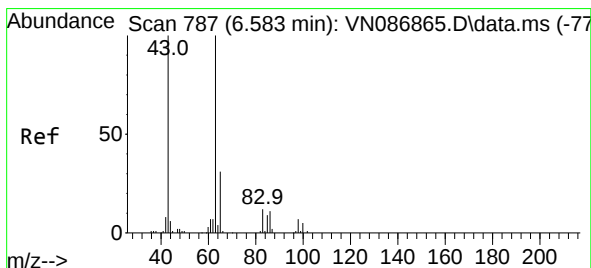
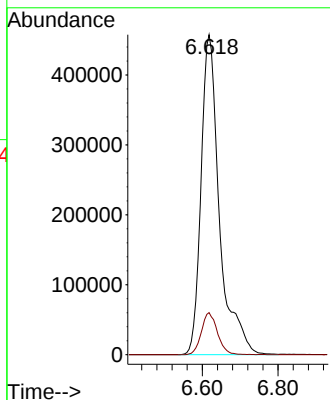
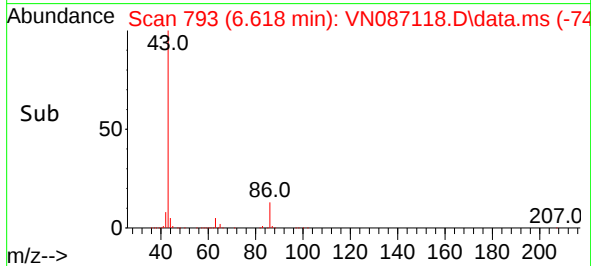
Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20250613MS



Tgt Ion: 43 Resp: 154216
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.5 14.3

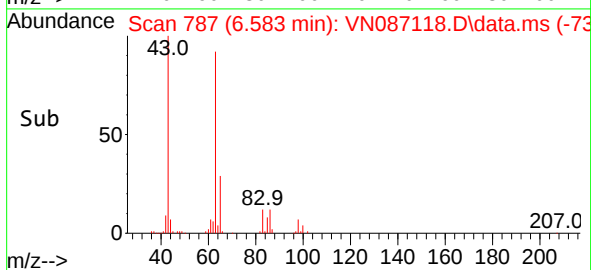
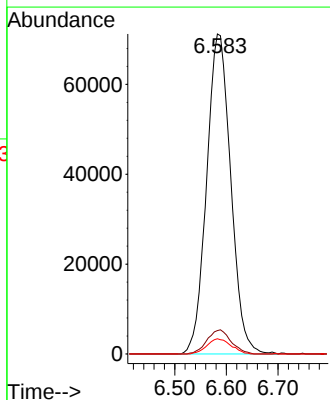
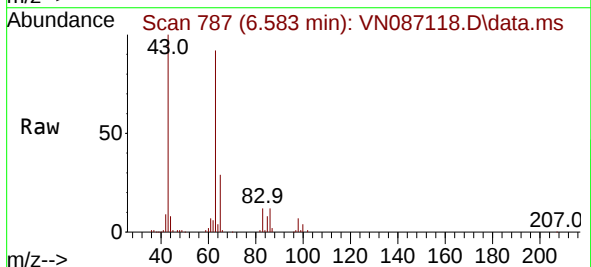
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#24
 1,1-Dichloroethane
 Concen: 57.065 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087118.D
 Acq: 19 Jun 2025 17:31

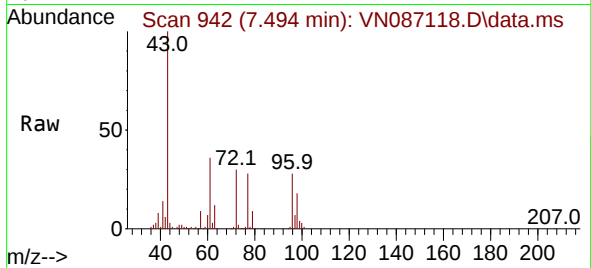
Tgt Ion: 63 Resp: 230943
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.8 2.6 7.8





#25
2-Butanone
Concen: 249.041 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

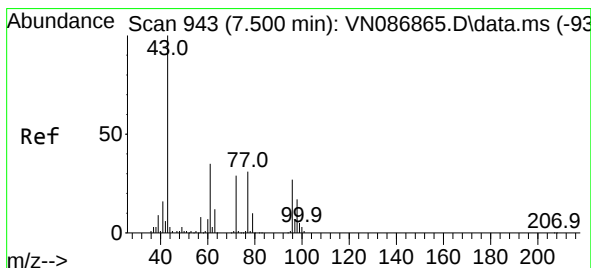
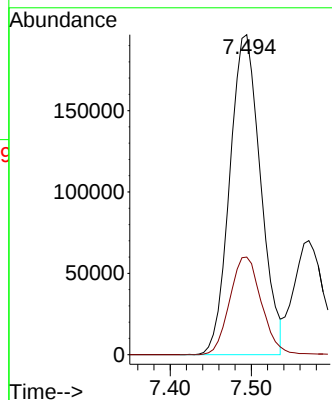
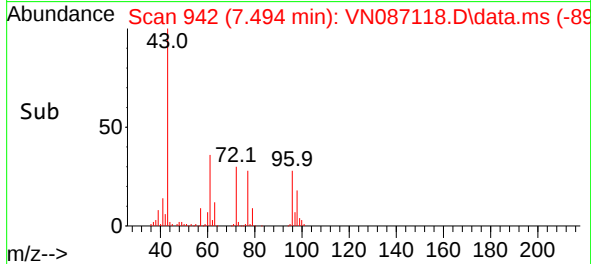
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion: 43 Resp: 51948
Ion Ratio Lower Upper
43 100
72 30.5 23.0 34.6

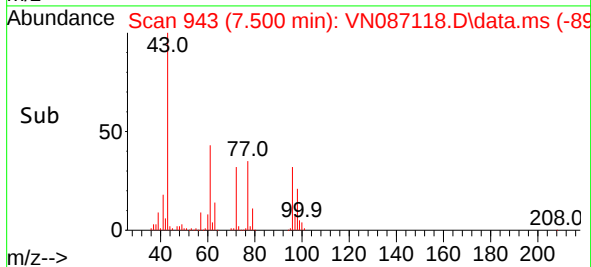
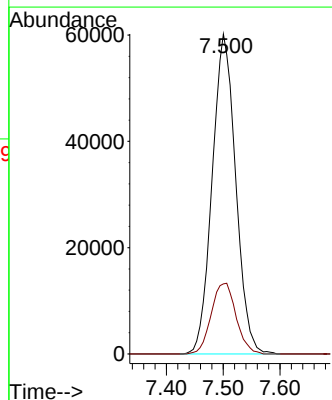
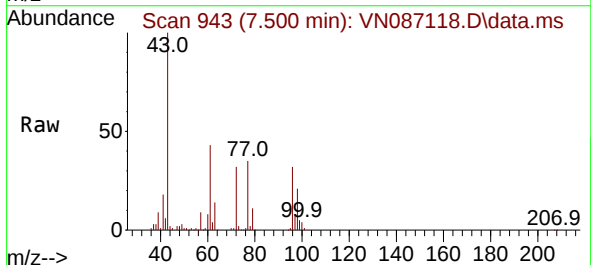
Manual Integrations
APPROVED

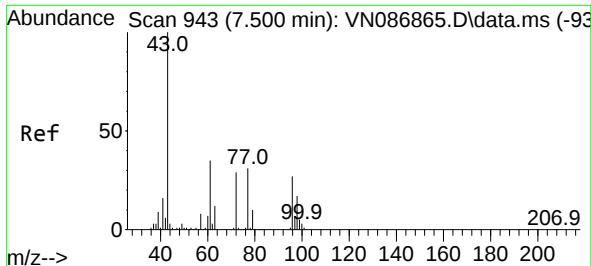
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#26
2,2-Dichloropropane
Concen: 54.949 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

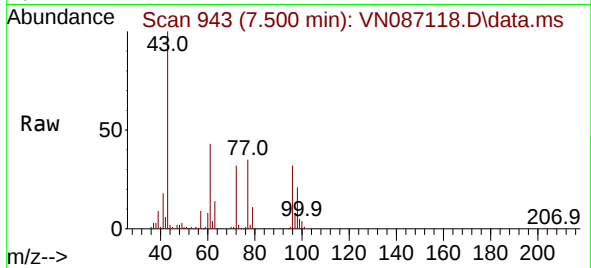
Tgt Ion: 77 Resp: 172985
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 57.469 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087118.D
 Acq: 19 Jun 2025 17:31

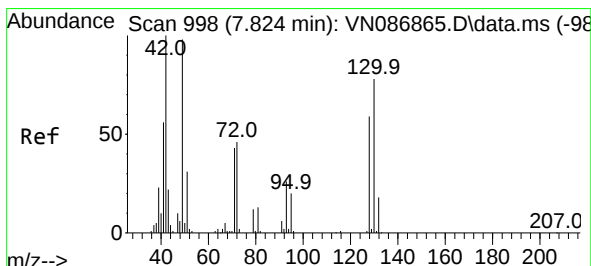
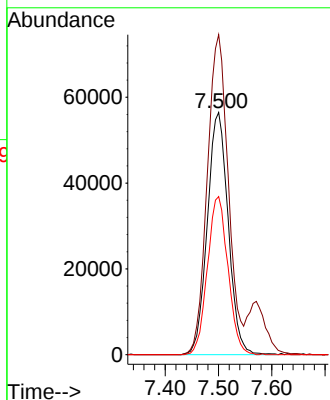
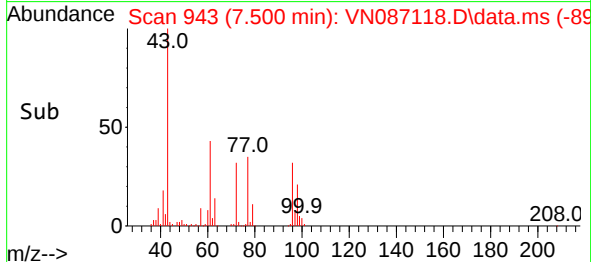
Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20250613MS



Tgt Ion: 96 Resp: 15382
 Ion Ratio Lower Upper
 96 100
 61 132.8 0.0 278.0
 98 64.1 0.0 128.2

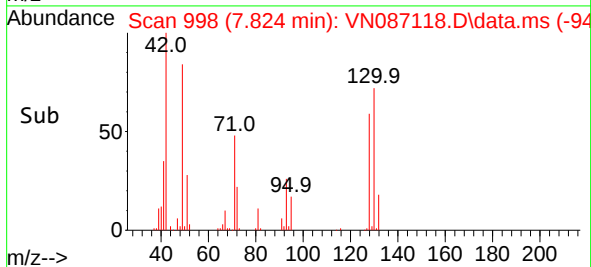
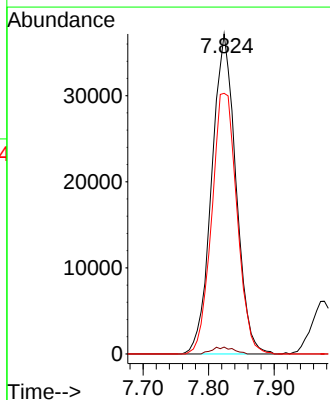
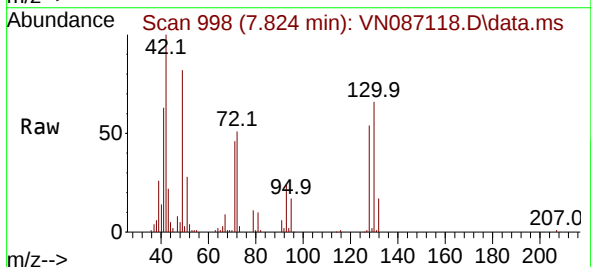
Manual Integrations
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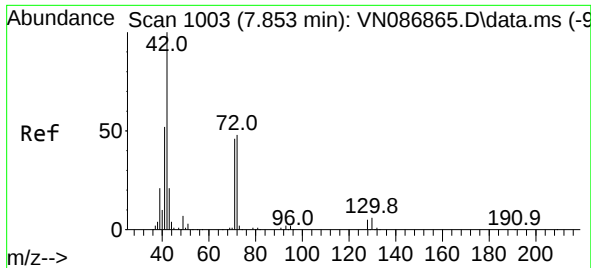
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#28
 Bromochloromethane
 Concen: 47.769 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN087118.D
 Acq: 19 Jun 2025 17:31

Tgt Ion: 49 Resp: 95053
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 85.0 62.2 93.2





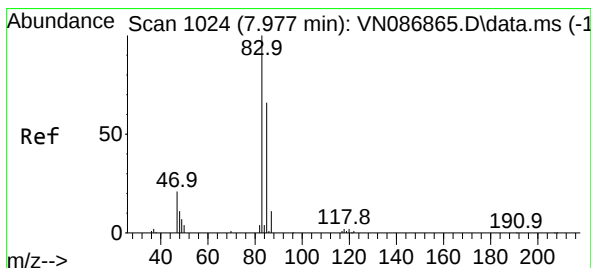
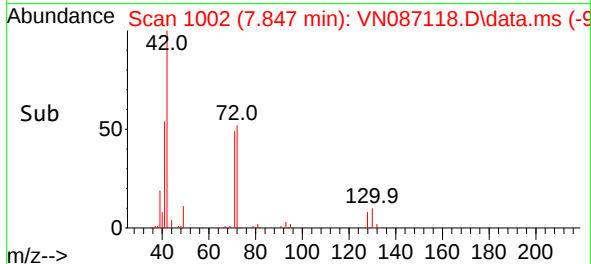
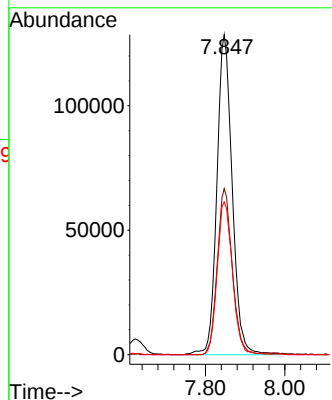
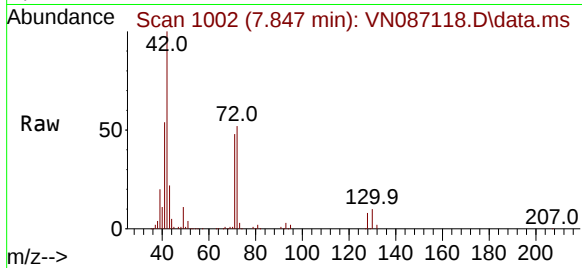
#29
Tetrahydrofuran
Concen: 253.893 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS

Tgt Ion: 42 Resp: 344998
Ion Ratio Lower Upper
42 100
72 50.7 37.8 56.6
71 47.7 35.6 53.4

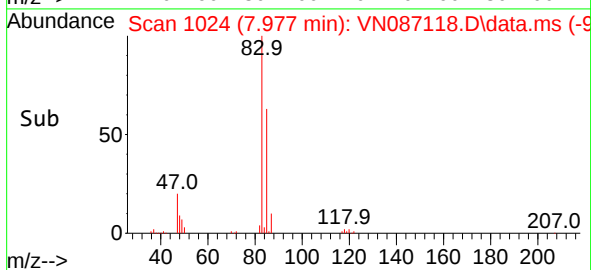
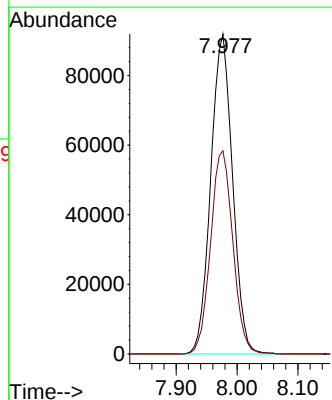
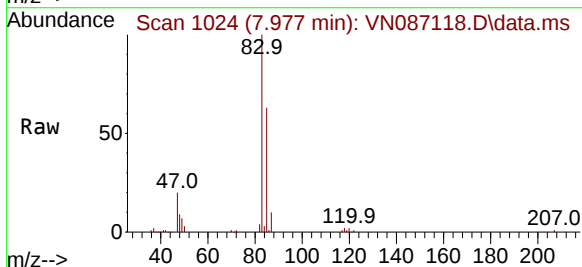
Manual Integrations
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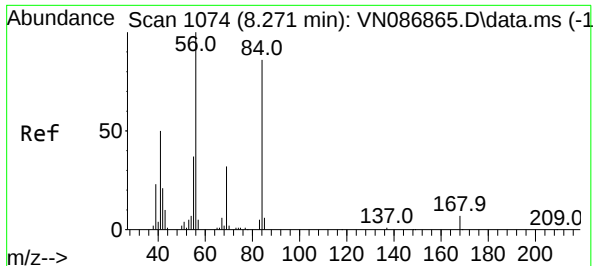
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#30
Chloroform
Concen: 56.534 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

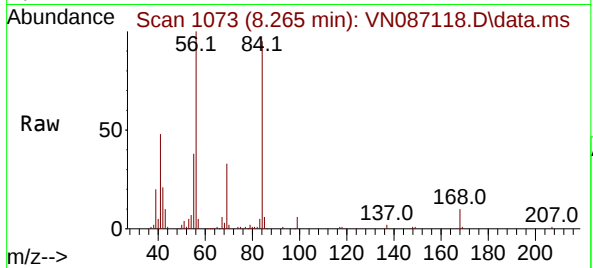
Tgt Ion: 83 Resp: 228488
Ion Ratio Lower Upper
83 100
85 63.5 52.9 79.3





#31
Cyclohexane
Concen: 51.057 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

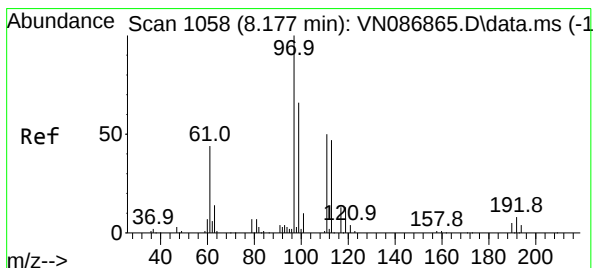
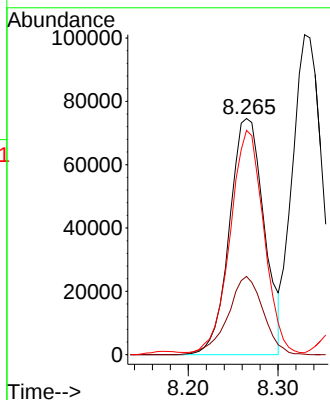
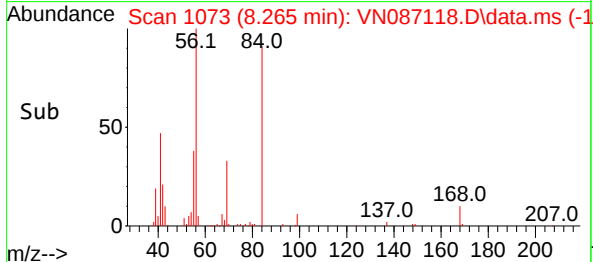
Instrument : MSVOA_N
ClientSampleId : TT172S1-20250613MS



Tgt Ion: 56 Resp: 200388
Ion Ratio Lower Upper
56 100
69 33.2 25.4 38.0
84 94.0 68.8 103.2

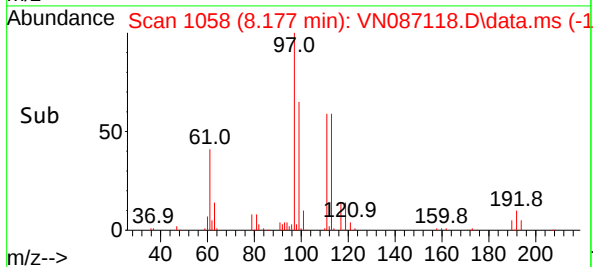
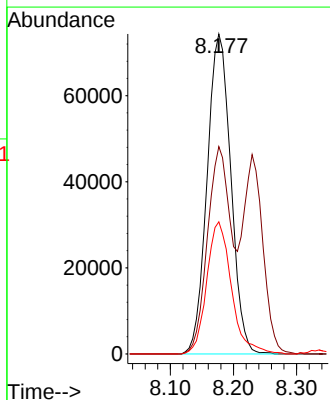
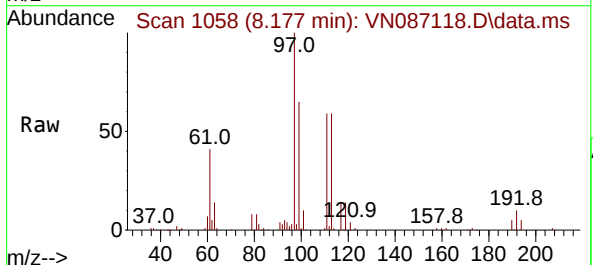
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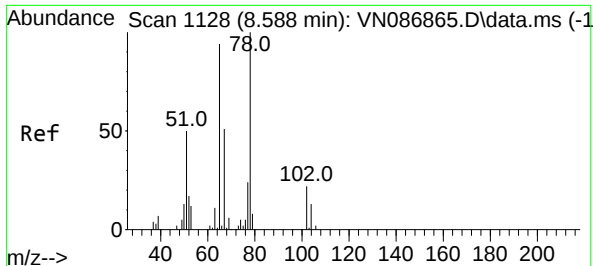
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 56.394 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Tgt Ion: 97 Resp: 193854
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 43.1 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 50.011 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087118.D

Acq: 19 Jun 2025 17:31

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20250613MS

Tgt Ion: 65 Resp: 12102

Ion Ratio Lower Upper

65 100

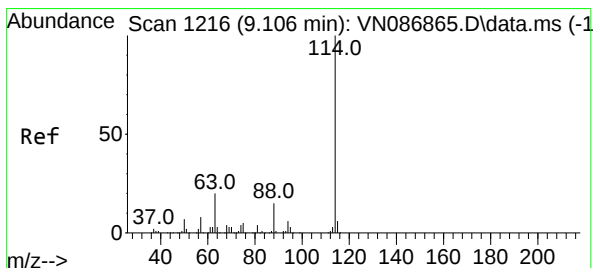
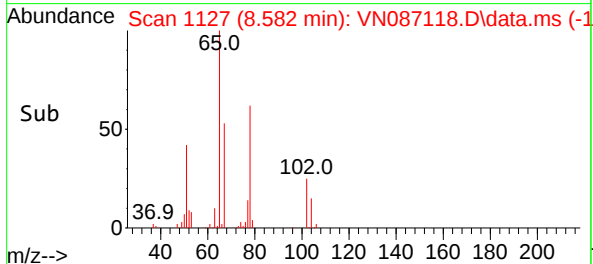
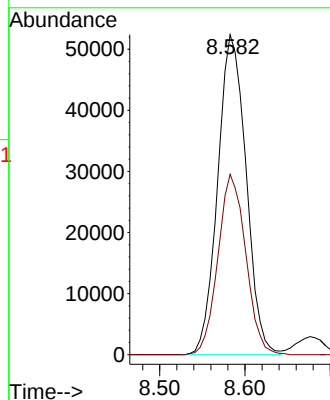
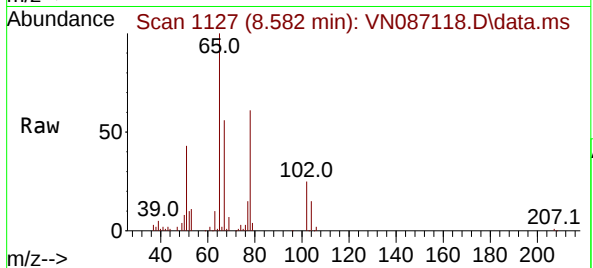
67 55.2 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 06/20/2025

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: VN087118.D

Acq: 19 Jun 2025 17:31

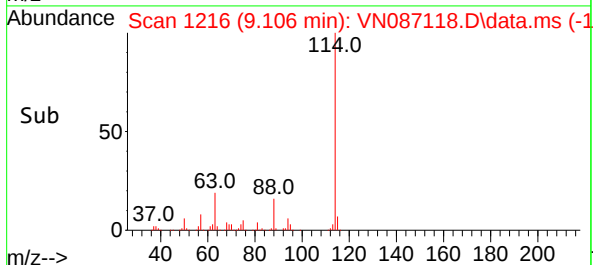
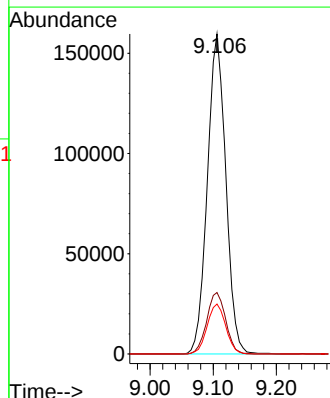
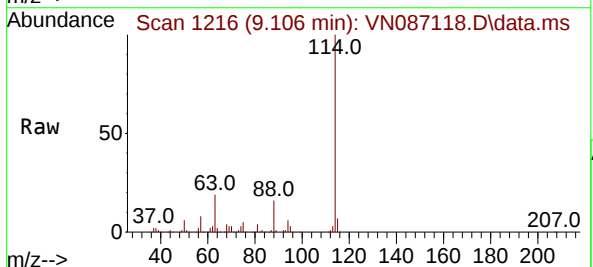
Tgt Ion:114 Resp: 323339

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

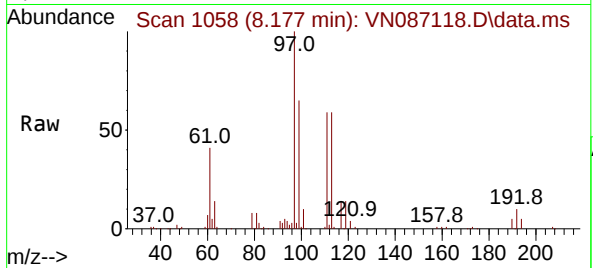
88 15.6 0.0 30.2





#35
Dibromofluoromethane
Concen: 55.650 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

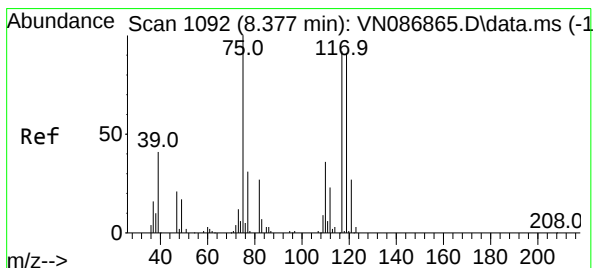
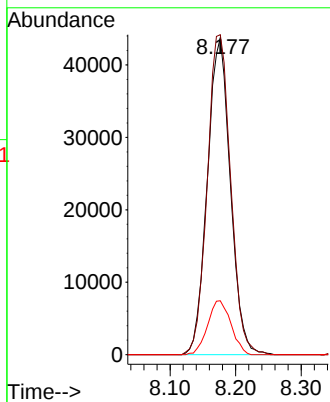
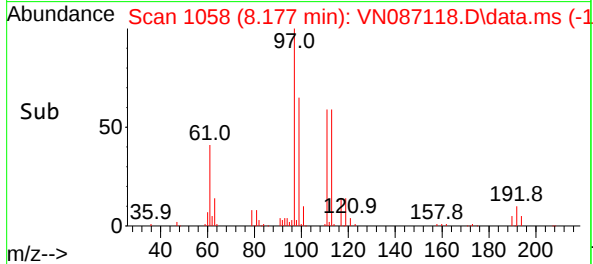
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion:113 Resp: 10663
Ion Ratio Lower Upper
113 100
111 102.6 84.2 126.2
192 17.2 14.2 21.4

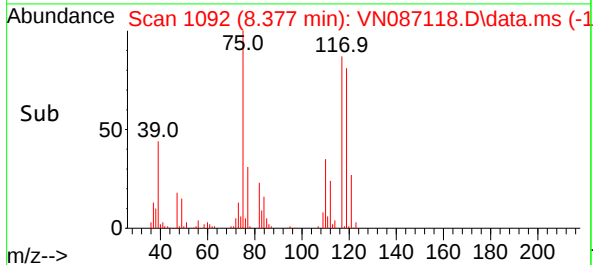
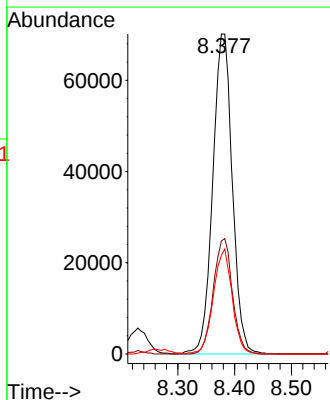
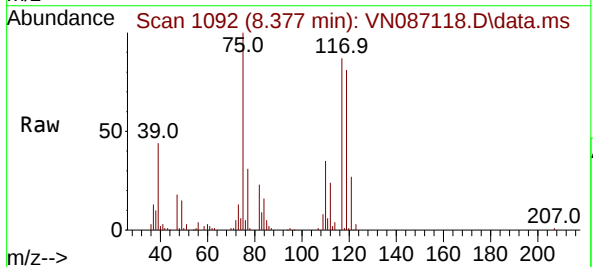
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#36
1,1-Dichloropropene
Concen: 58.734 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

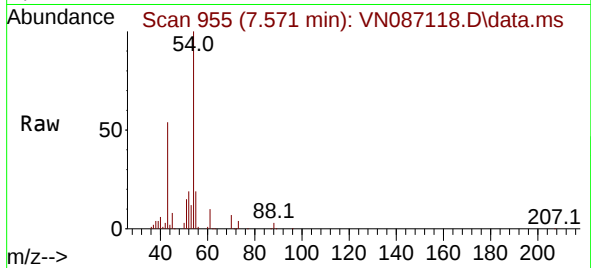
Tgt Ion: 75 Resp: 167705
Ion Ratio Lower Upper
75 100
110 35.3 17.6 52.9
77 31.5 25.3 37.9





#37
Ethyl Acetate
Concen: 52.109 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

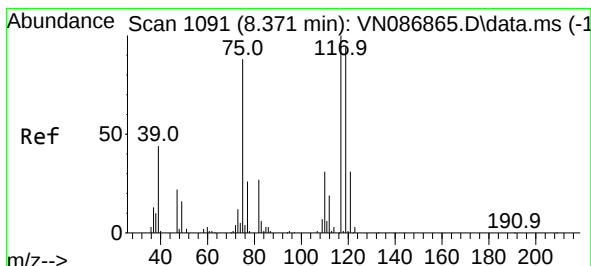
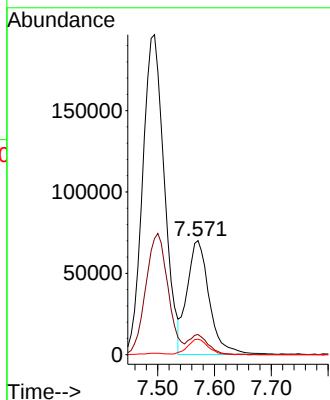
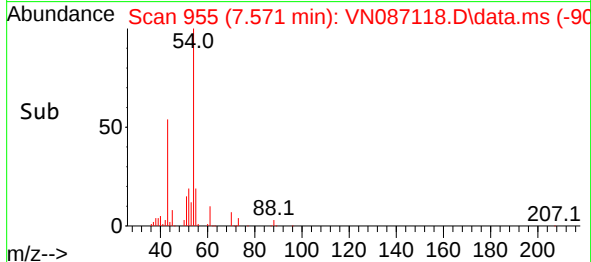
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion: 43 Resp: 18940
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 12.6 9.8 14.6

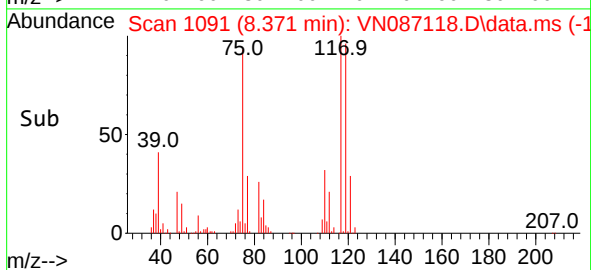
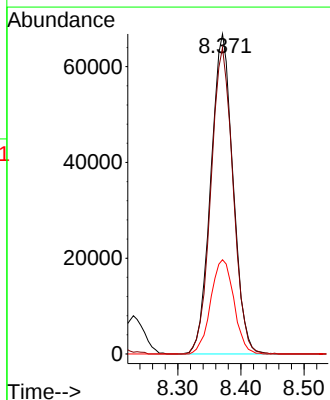
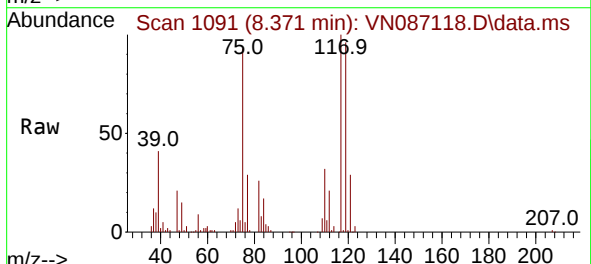
Manual Integrations
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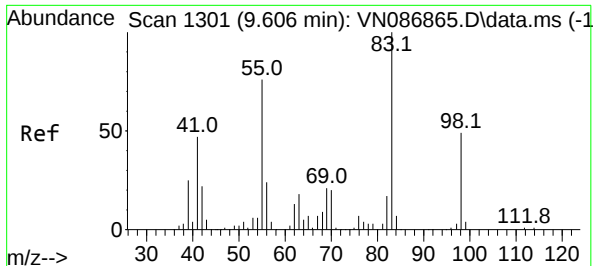
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38
Carbon Tetrachloride
Concen: 58.171 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

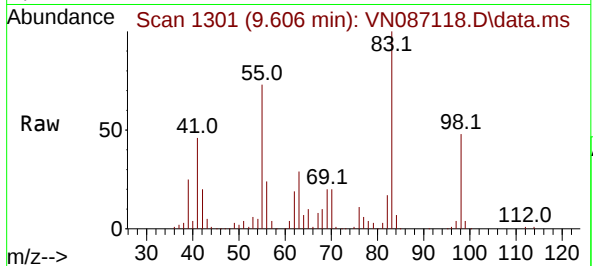
Tgt Ion:117 Resp: 163068
Ion Ratio Lower Upper
117 100
119 95.7 75.0 112.6
121 29.4 24.9 37.3





#39
Methylcyclohexane
Concen: 48.745 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

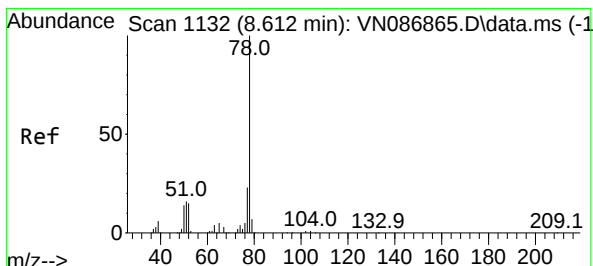
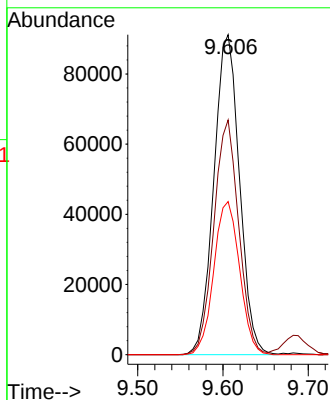
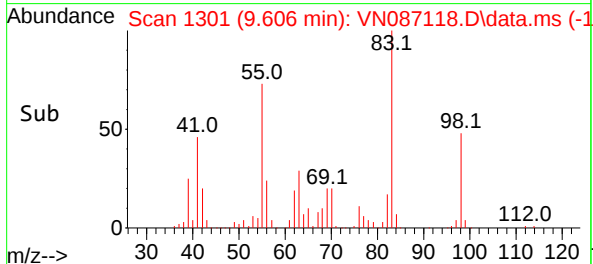
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



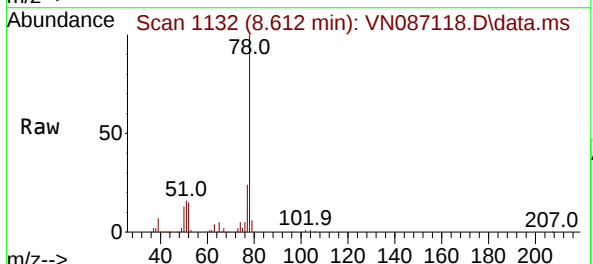
Tgt Ion: 83 Resp: 190684
Ion Ratio Lower Upper
83 100
55 73.3 61.0 91.6
98 47.9 38.9 58.3

Manual Integrations
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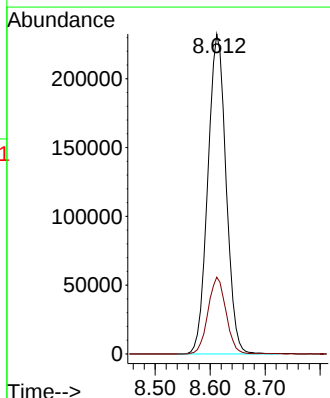
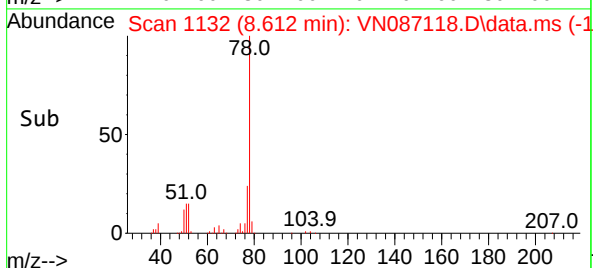
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#40
Benzene
Concen: 57.404 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31



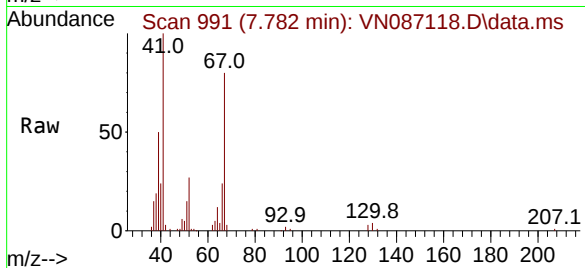
Tgt Ion: 78 Resp: 535976
Ion Ratio Lower Upper
78 100
77 24.0 18.7 28.1





#41
Methacrylonitrile
Concen: 50.796 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

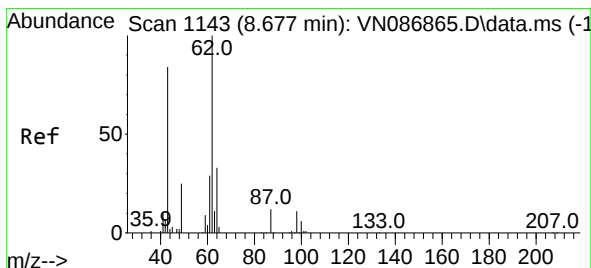
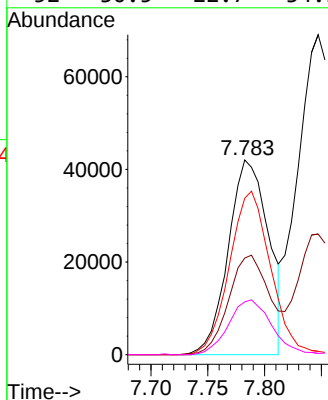
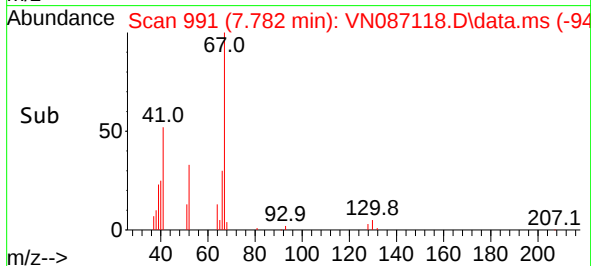
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion: 41 Resp: 103692
Ion Ratio Lower Upper
41 100
39 54.1 41.2 61.8
67 86.1 61.4 92.2
52 30.5 22.7 34.1

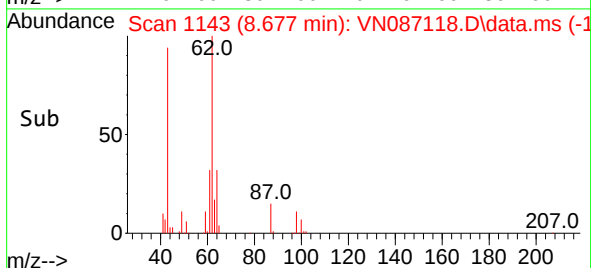
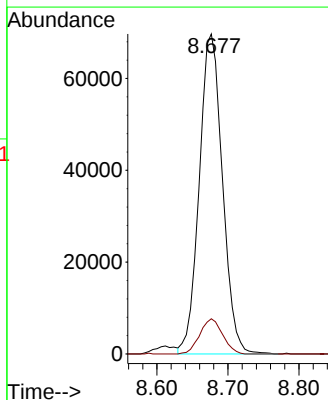
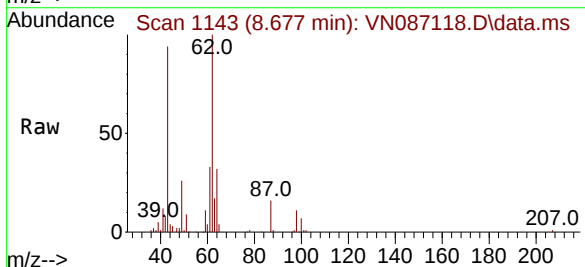
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 55.962 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

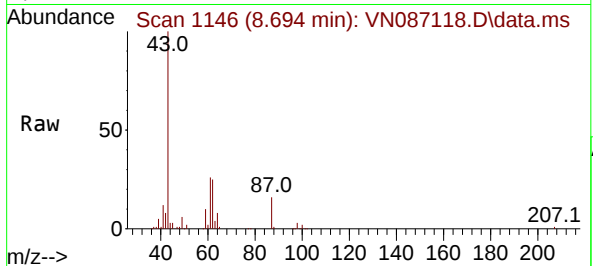
Tgt Ion: 62 Resp: 158483
Ion Ratio Lower Upper
62 100
98 10.8 0.0 21.2





#43
Isopropyl Acetate
Concen: 50.032 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

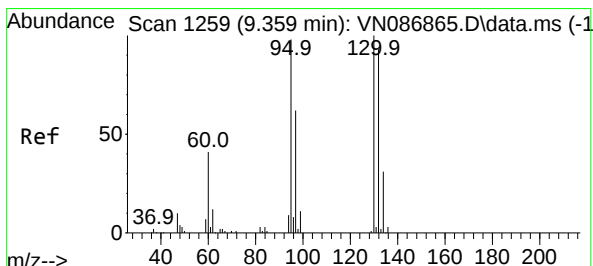
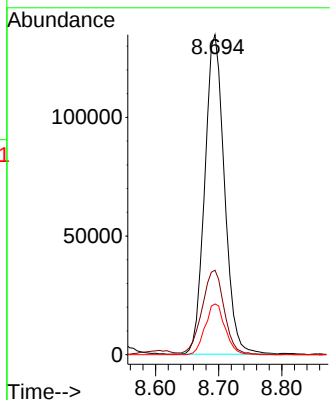
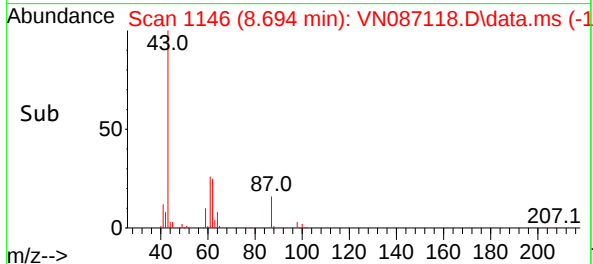
Instrument : MSVOA_N
ClientSampleId : TT172S1-20250613MS



Tgt Ion: 43 Resp: 291879
Ion Ratio Lower Upper
43 100
61 30.0 22.1 33.1
87 16.1 11.8 17.6

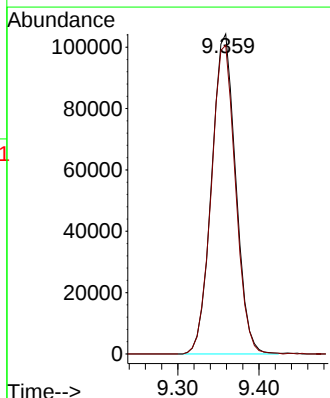
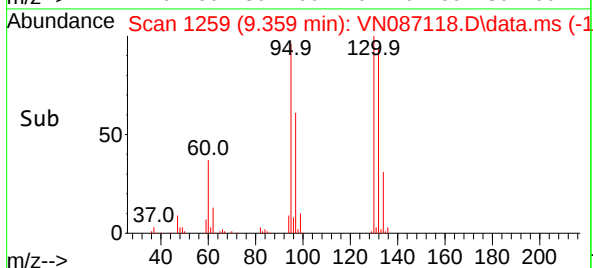
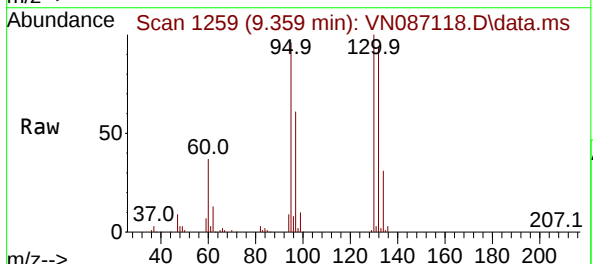
Manual Integrations
APPROVED

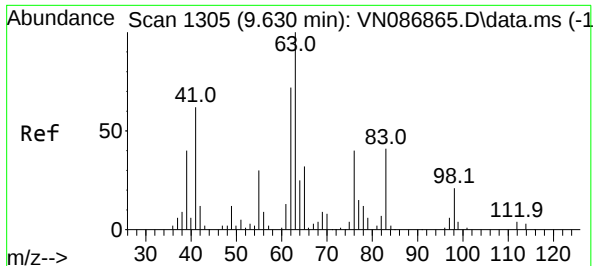
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#44
Trichloroethene
Concen: 97.270 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Tgt Ion:130 Resp: 215352
Ion Ratio Lower Upper
130 100
95 96.4 0.0 196.2





#45

1,2-Dichloropropane

Concen: 56.632 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087118.D

Acq: 19 Jun 2025 17:31

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20250613MS

Tgt Ion: 63 Resp: 12864

Ion Ratio Lower Upper

63 100

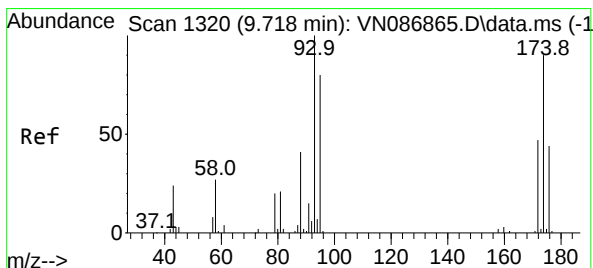
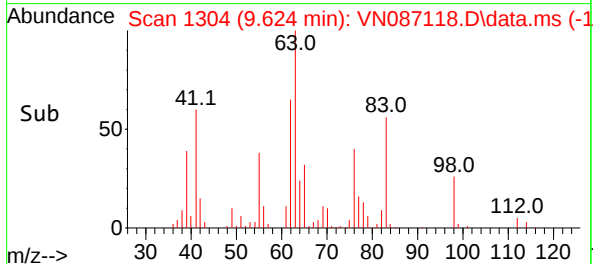
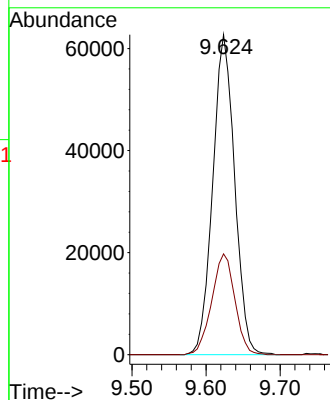
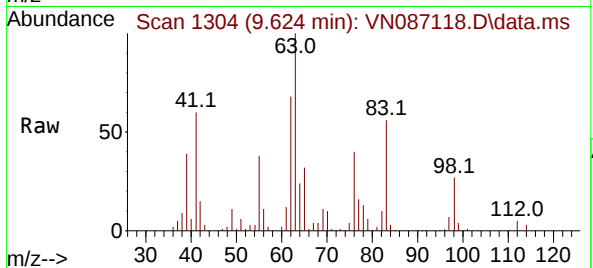
65 31.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#46

Dibromomethane

Concen: 58.573 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087118.D

Acq: 19 Jun 2025 17:31

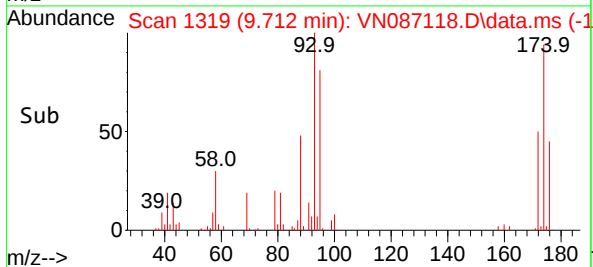
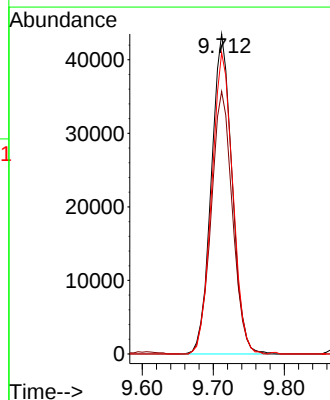
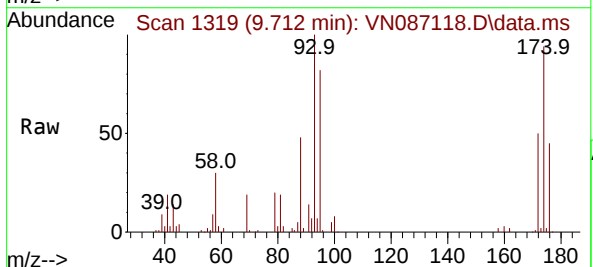
Tgt Ion: 93 Resp: 88375

Ion Ratio Lower Upper

93 100

95 83.9 67.1 100.7

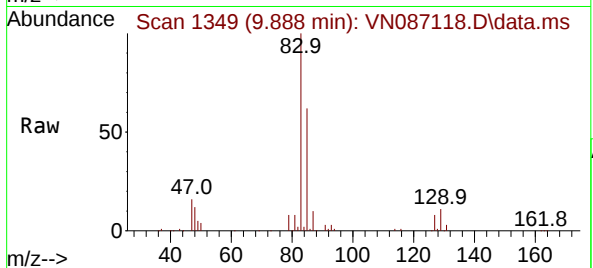
174 95.1 74.2 111.4





#47
Bromodichloromethane
Concen: 57.442 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

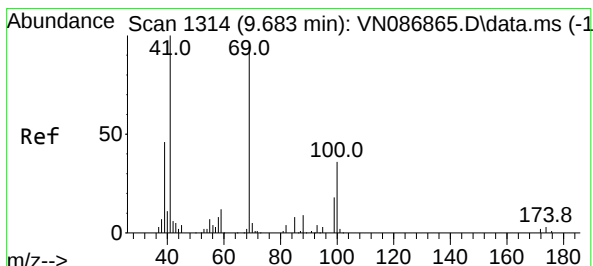
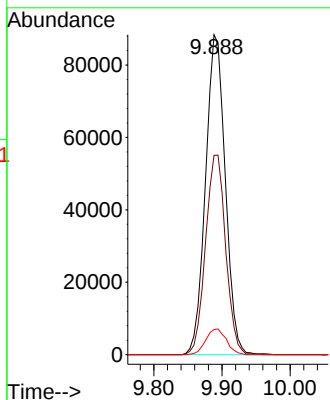
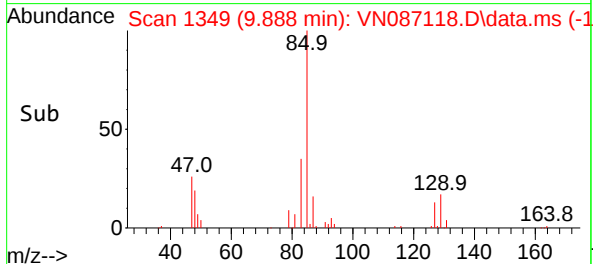
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



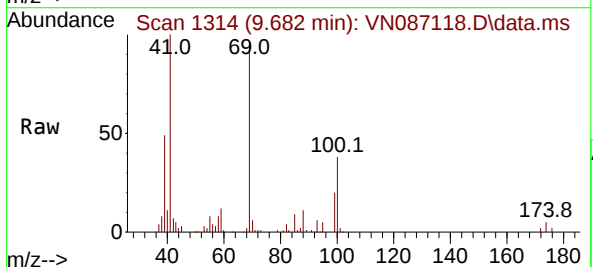
Tgt Ion: 83 Resp: 178318
Ion Ratio Lower Upper
83 100
85 62.3 50.9 76.3
127 7.8 6.6 10.0

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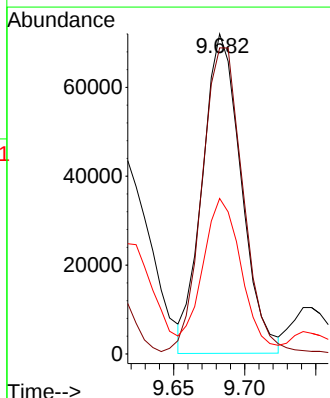
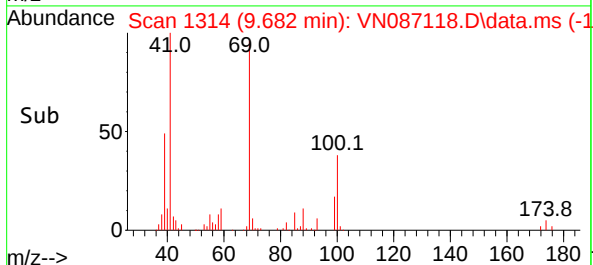
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

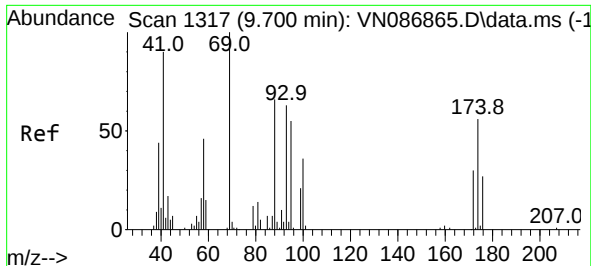


#48
Methyl methacrylate
Concen: 50.759 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31



Tgt Ion: 41 Resp: 136295
Ion Ratio Lower Upper
41 100
69 101.2 74.6 112.0
39 49.2 40.2 60.4





#49

1,4-Dioxane

Concen: 1178.993 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087118.D

Acq: 19 Jun 2025 17:31

Instrument :

MSVOA_N

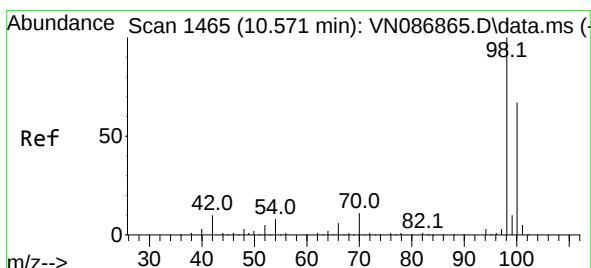
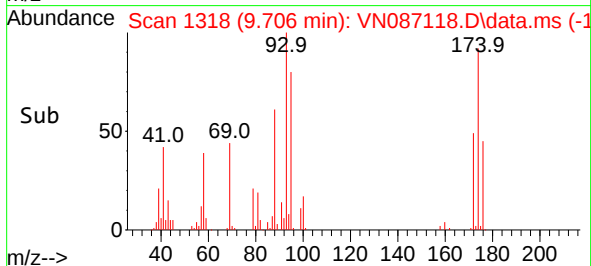
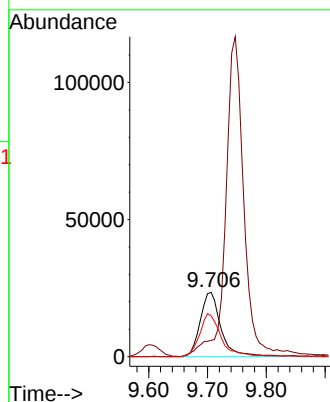
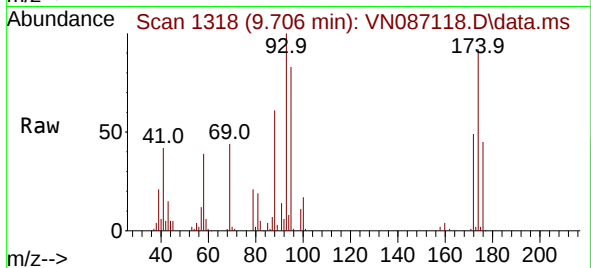
ClientSampleId :

TT172S1-20250613MS

Tgt Ion: 88 Resp: 57592
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 69.1 57.7 86.5

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#50

Toluene-d8

Concen: 51.326 ug/l

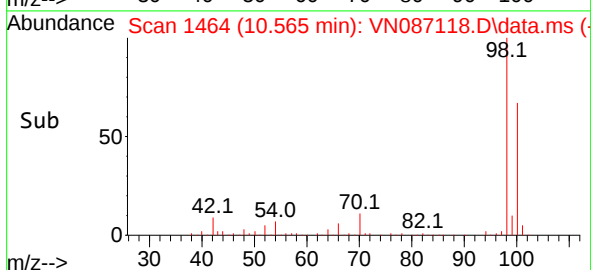
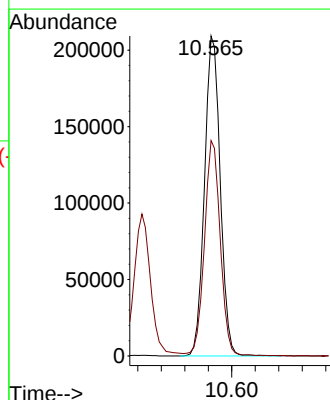
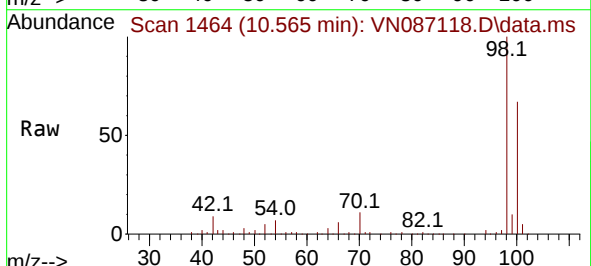
RT: 10.565 min Scan# 1464

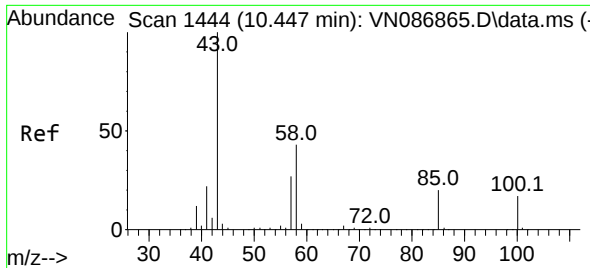
Delta R.T. -0.006 min

Lab File: VN087118.D

Acq: 19 Jun 2025 17:31

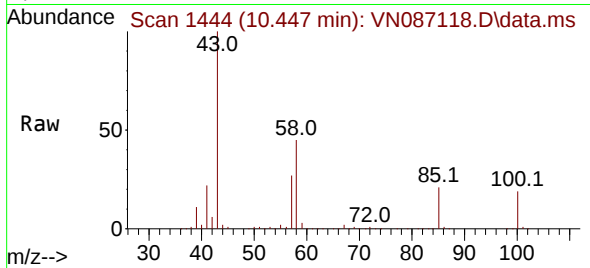
Tgt Ion: 98 Resp: 389345
 Ion Ratio Lower Upper
 98 100
 100 67.3 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 268.964 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

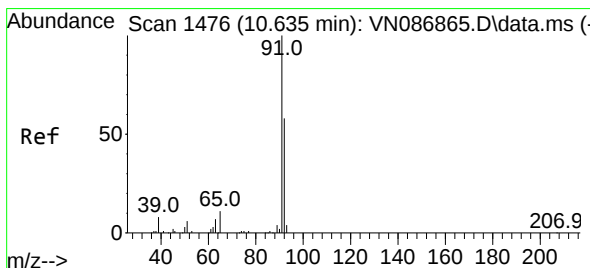
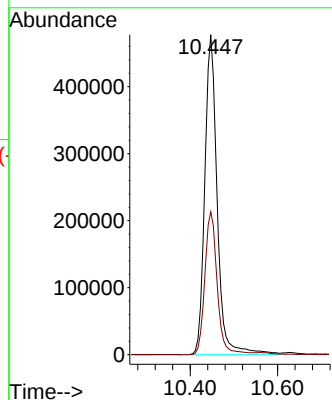
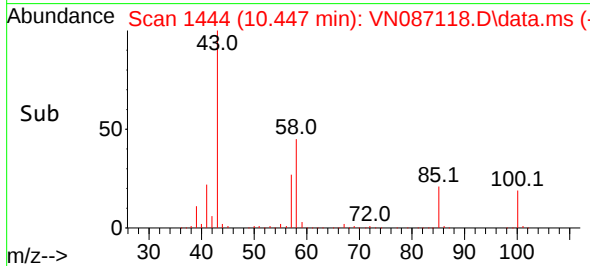
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



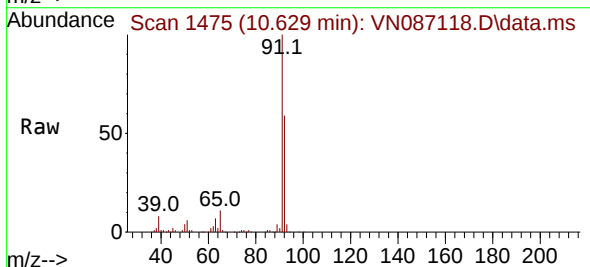
Tgt Ion: 43 Resp: 944610
Ion Ratio Lower Upper
43 100
58 44.5 34.2 51.4

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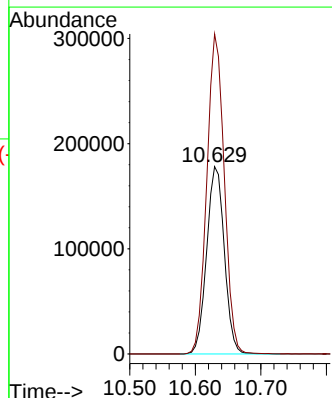
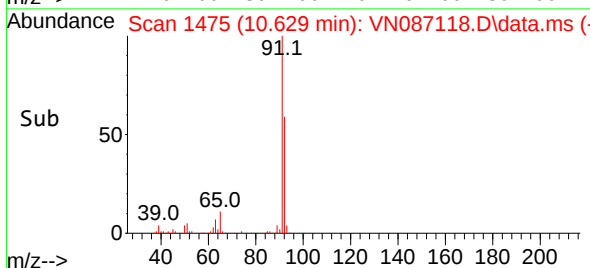
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

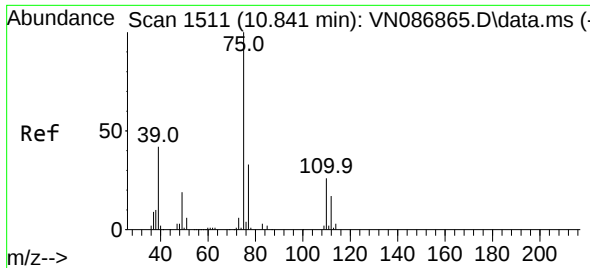


#52
Toluene
Concen: 58.579 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31



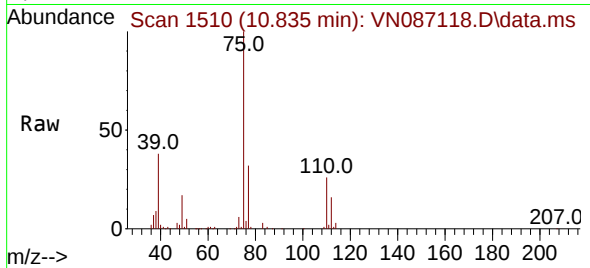
Tgt Ion: 92 Resp: 334253
Ion Ratio Lower Upper
92 100
91 168.6 136.5 204.7





#53
 t-1,3-Dichloropropene
 Concen: 57.068 ug/l
 RT: 10.835 min Scan# 1511
 Delta R.T. -0.006 min
 Lab File: VN087118.D
 Acq: 19 Jun 2025 17:31

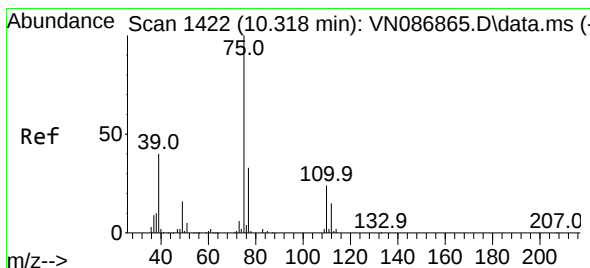
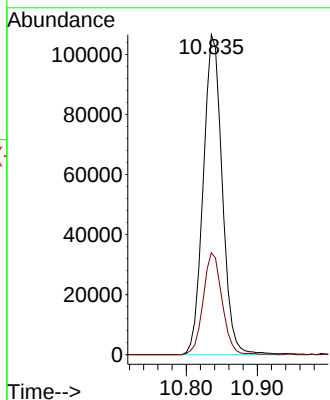
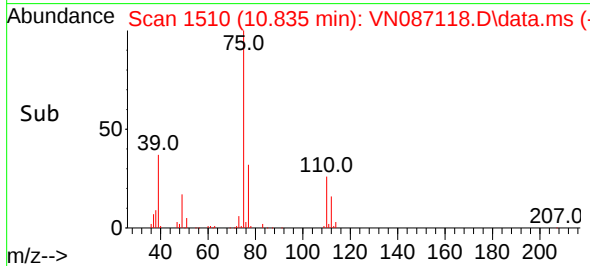
Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20250613MS



Tgt Ion: 75 Resp: 198090
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.4 39.6

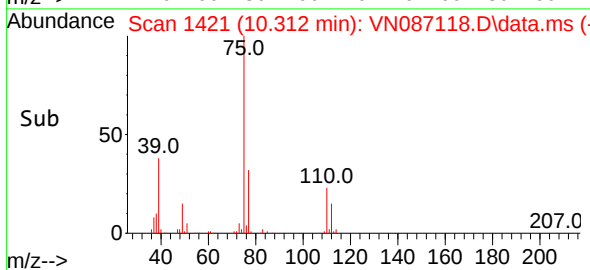
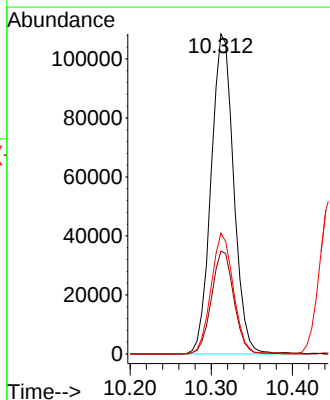
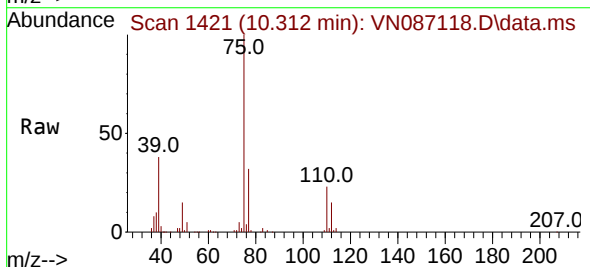
Manual Integrations
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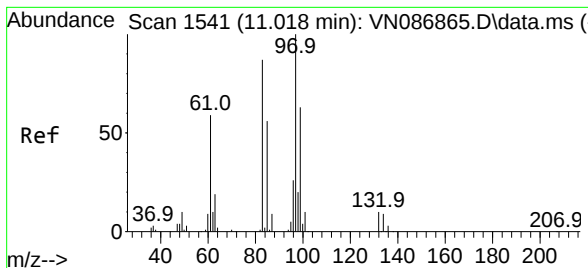
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#54
 cis-1,3-Dichloropropene
 Concen: 56.337 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN087118.D
 Acq: 19 Jun 2025 17:31

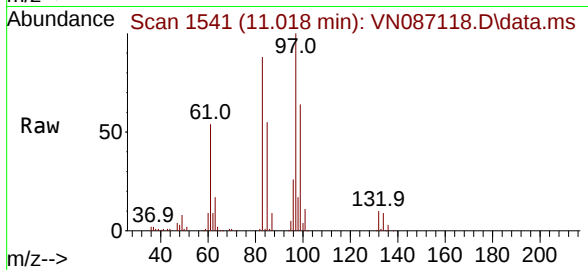
Tgt Ion: 75 Resp: 209243
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.2 39.4
 39 37.7 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 57.724 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

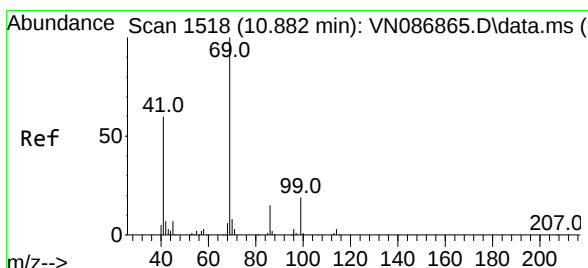
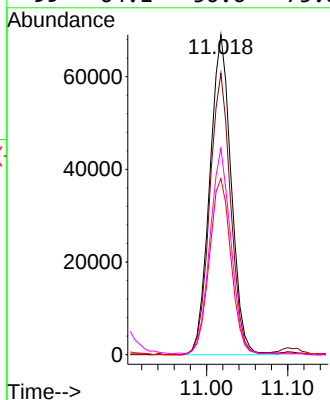
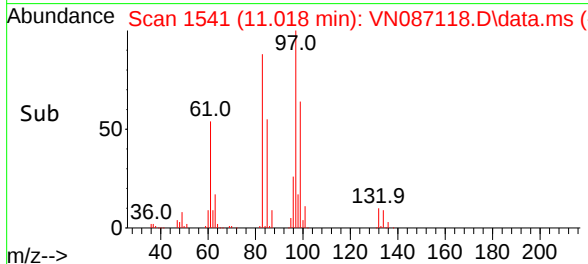
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



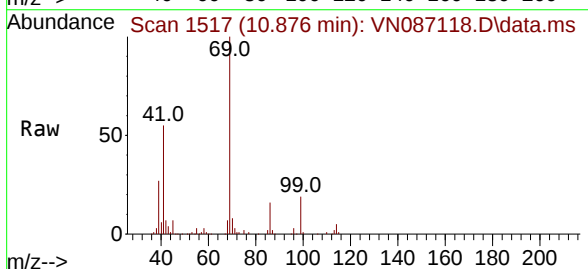
Tgt Ion: 97 Resp: 12673
Ion Ratio Lower Upper
97 100
83 87.9 69.7 104.5
85 55.0 45.1 67.7
99 64.1 50.6 75.8

Manual Integrations
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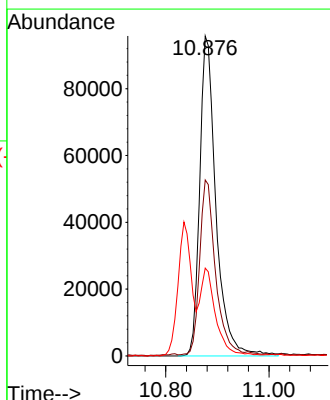
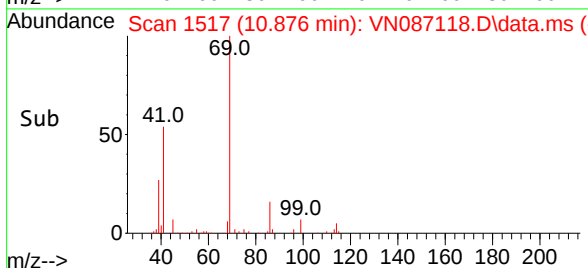
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

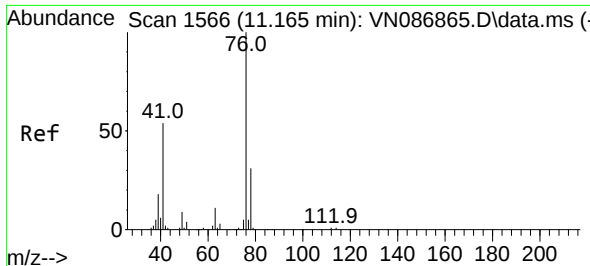


#56
Ethyl methacrylate
Concen: 59.895 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31



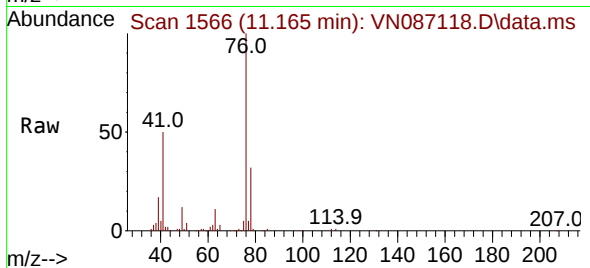
Tgt Ion: 69 Resp: 209456
Ion Ratio Lower Upper
69 100
41 53.3 47.2 70.8
39 25.5 23.0 34.6





#57
1,3-Dichloropropane
Concen: 57.571 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

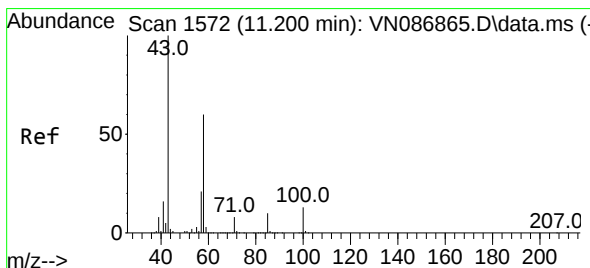
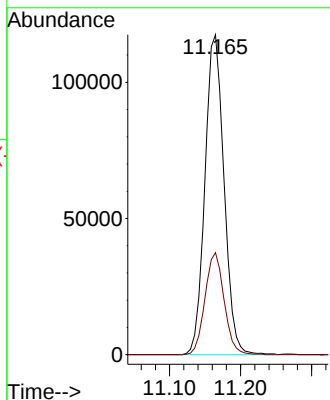
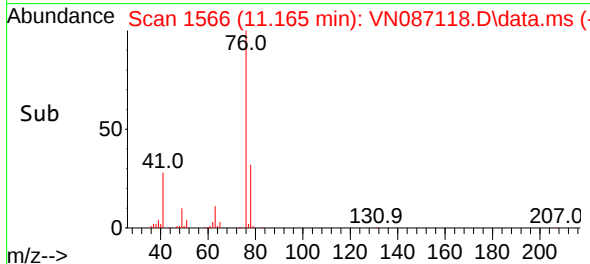
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



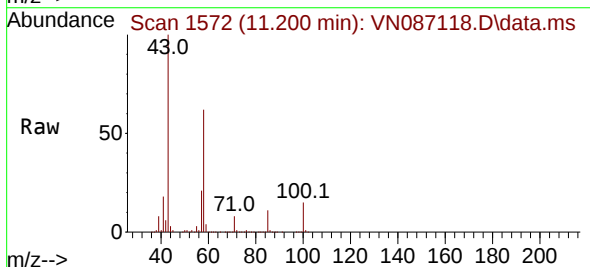
Tgt Ion: 76 Resp: 219270
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9

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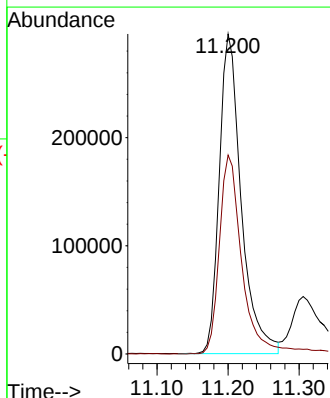
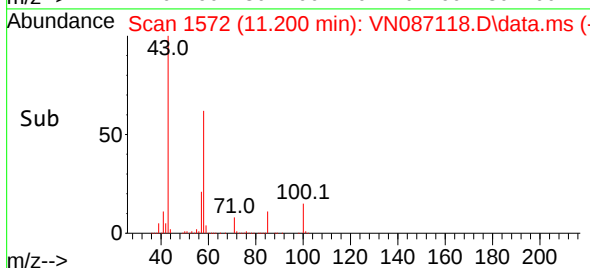
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

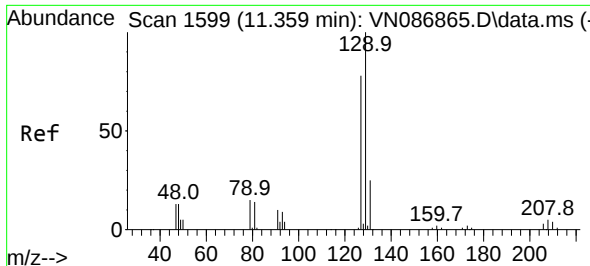


#59
2-Hexanone
Concen: 279.606 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31



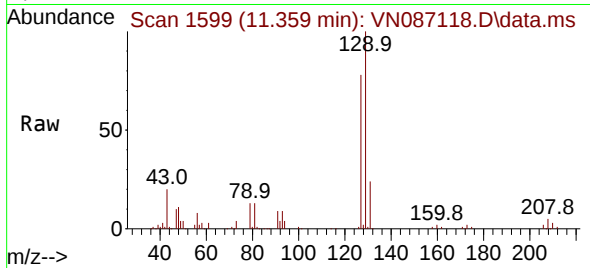
Tgt Ion: 43 Resp: 632533
Ion Ratio Lower Upper
43 100
58 66.3 30.4 91.3





#60
Dibromochloromethane
Concen: 60.343 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

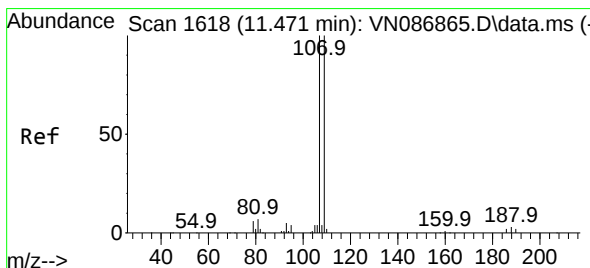
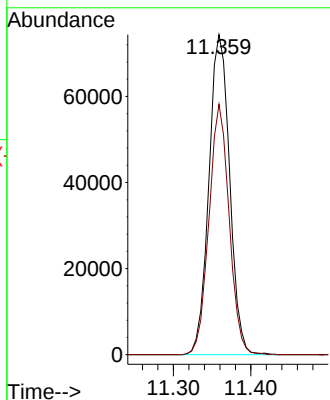
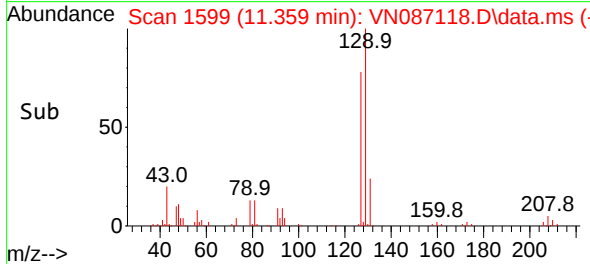
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion:129 Resp: 13803
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.8

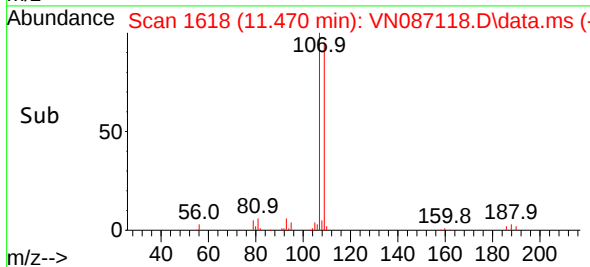
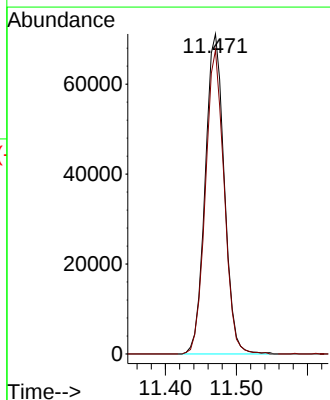
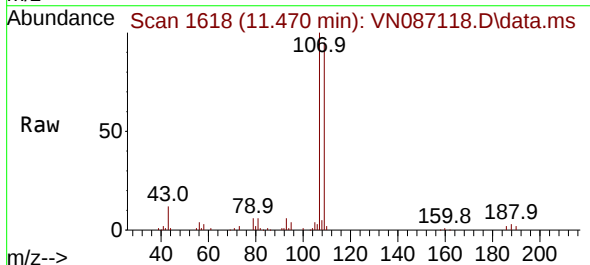
Manual Integrations
APPROVED

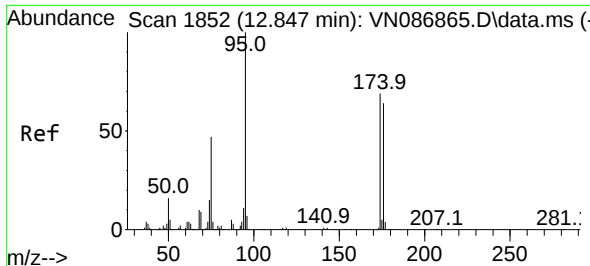
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#61
1,2-Dibromoethane
Concen: 58.934 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

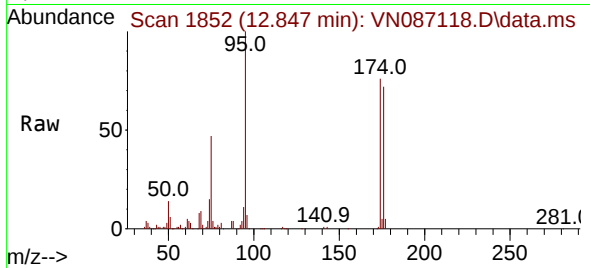
Tgt Ion:107 Resp: 132627
Ion Ratio Lower Upper
107 100
109 93.2 76.3 114.5





#62
4-Bromofluorobenzene
Concen: 52.573 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

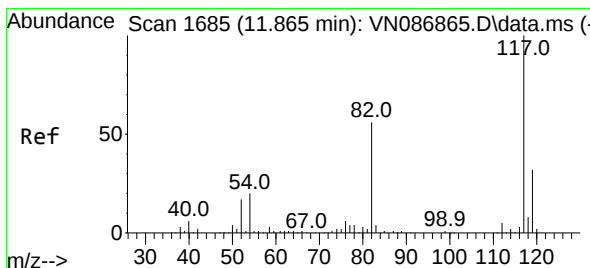
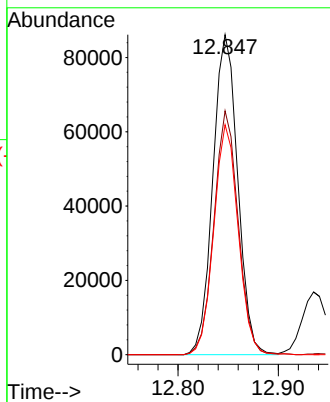
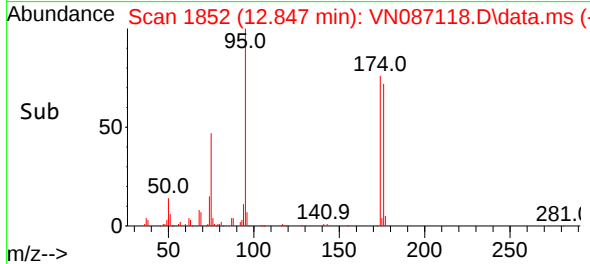
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



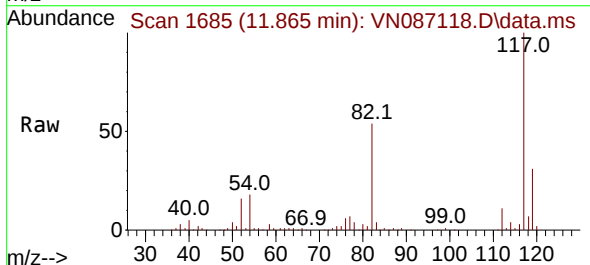
Tgt Ion: 95 Resp: 14816
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.8
176 70.6 0.0 132.6

Manual Integrations
APPROVED

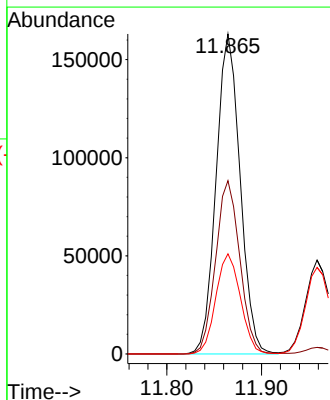
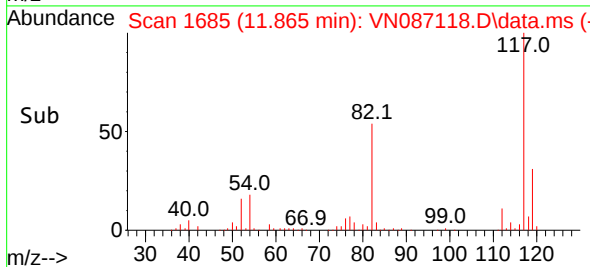
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

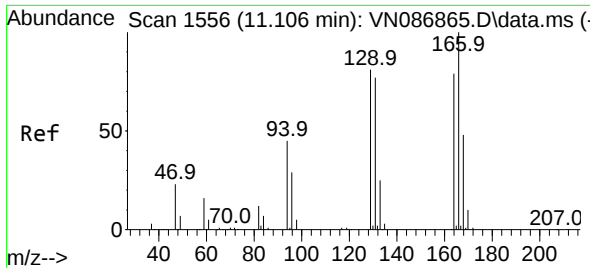


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31



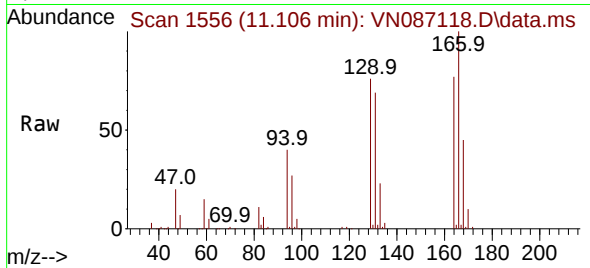
Tgt Ion:117 Resp: 287602
Ion Ratio Lower Upper
117 100
82 54.1 44.6 67.0
119 31.3 25.5 38.3





#64
Tetrachloroethene
Concen: 57.264 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

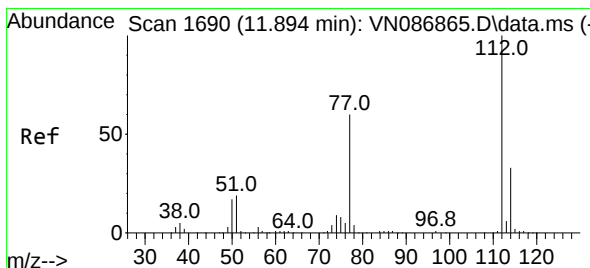
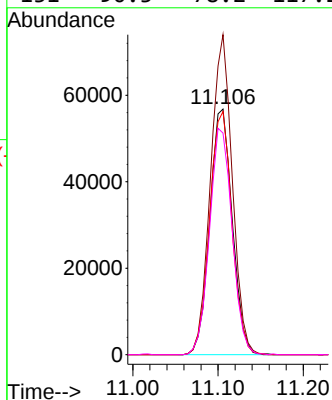
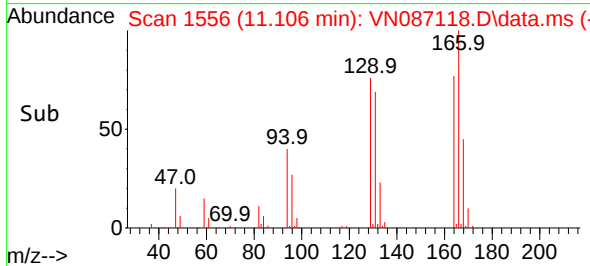
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion:164 Resp: 104229
Ion Ratio Lower Upper
164 100
166 130.3 101.8 152.8
129 99.0 83.0 124.4
131 90.3 78.2 117.2

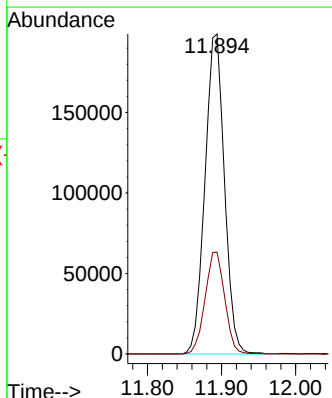
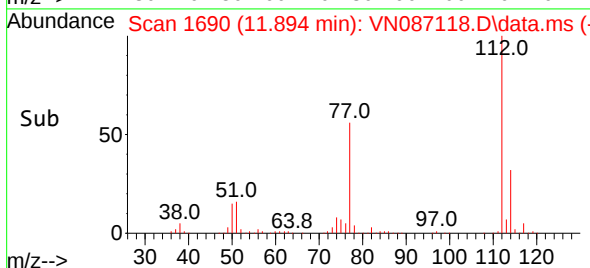
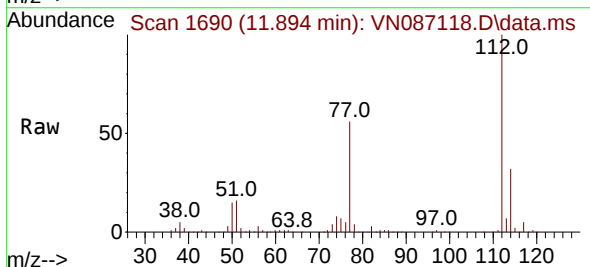
Manual Integrations
APPROVED

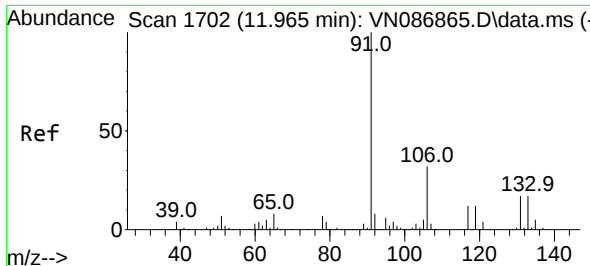
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#65
Chlorobenzene
Concen: 57.149 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

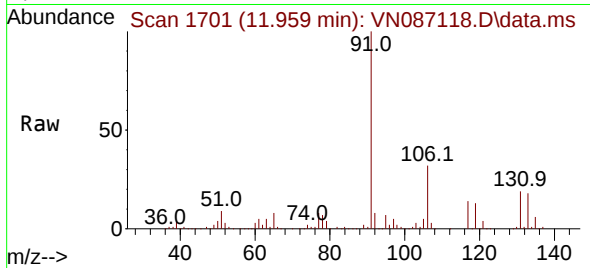
Tgt Ion:112 Resp: 362505
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2





#66
1,1,1,2-Tetrachloroethane
Concen: 57.889 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

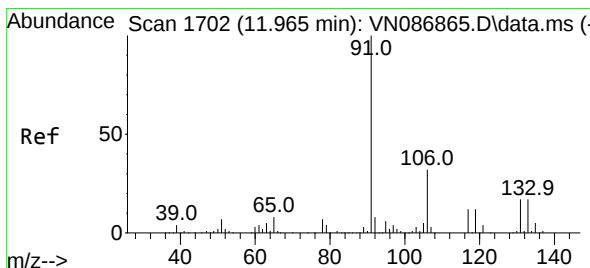
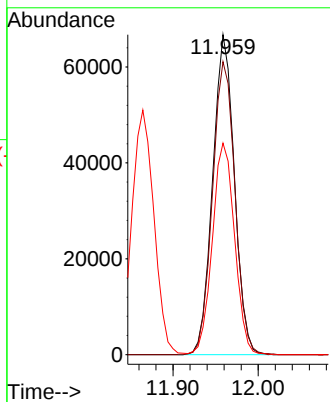
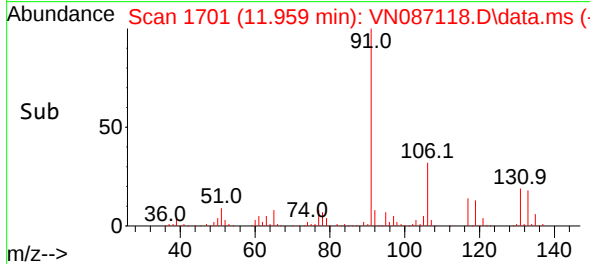
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion:131 Resp: 118030
Ion Ratio Lower Upper
131 100
133 94.8 48.3 144.8
119 67.7 34.0 101.8

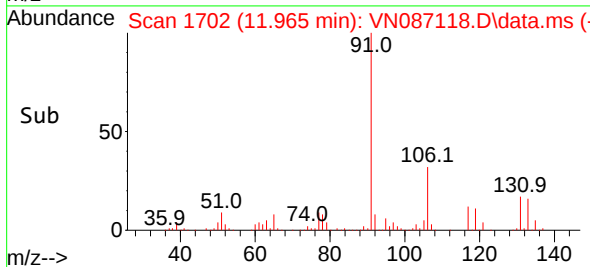
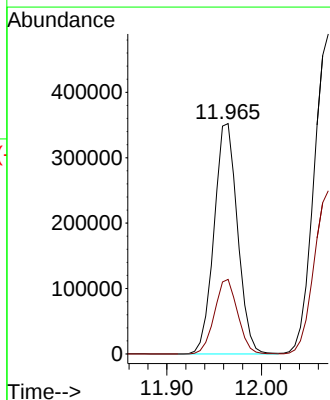
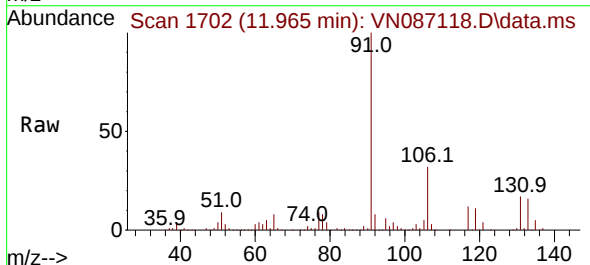
Manual Integrations
APPROVED

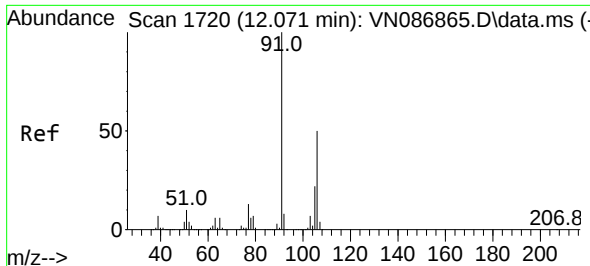
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#67
Ethyl Benzene
Concen: 55.559 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

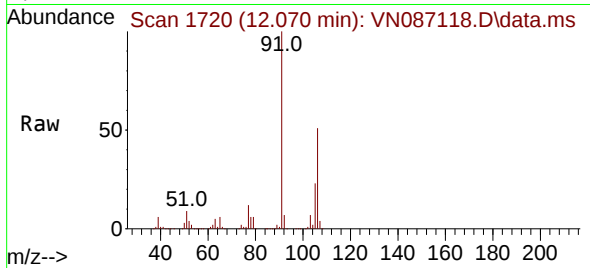
Tgt Ion: 91 Resp: 607039
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.2





#68
m/p-Xylenes
Concen: 116.211 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

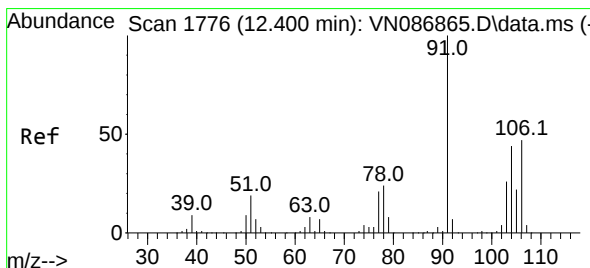
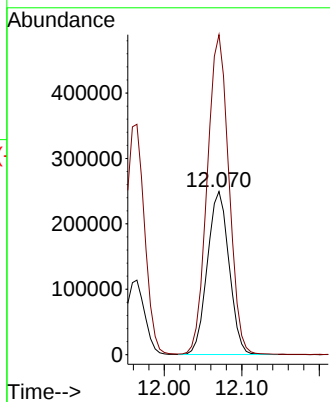
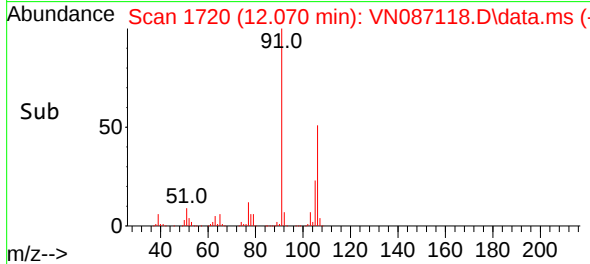
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



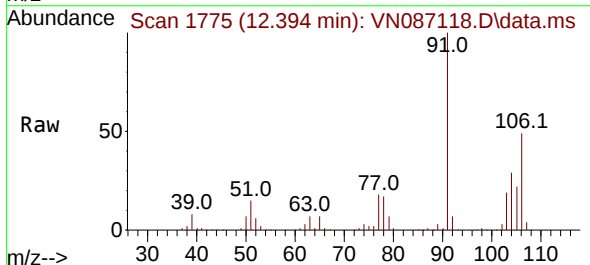
Tgt Ion:106 Resp: 48604
Ion Ratio Lower Upper
106 100
91 196.0 159.4 239.0

Manual Integrations
APPROVED

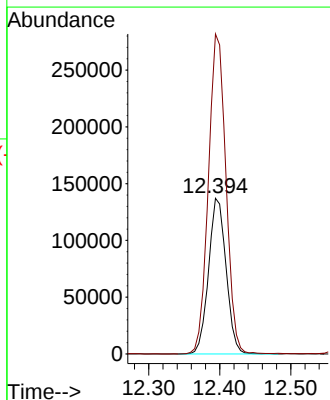
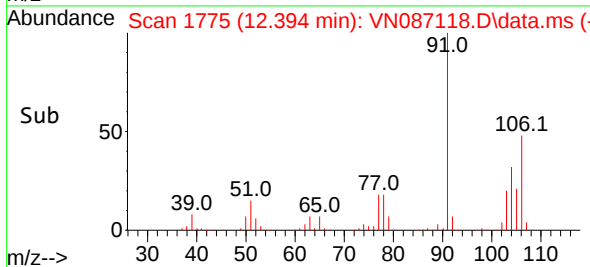
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

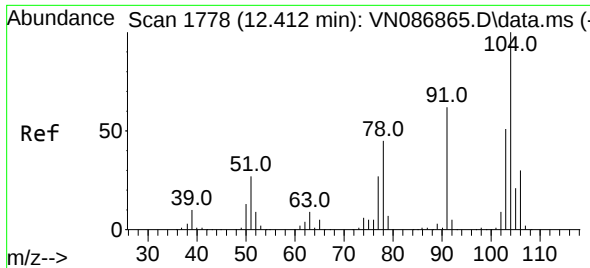


#69
o-Xylene
Concen: 58.675 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31



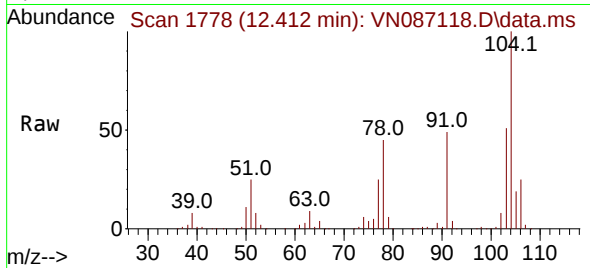
Tgt Ion:106 Resp: 235034
Ion Ratio Lower Upper
106 100
91 206.1 106.1 318.1





#70
Styrene
Concen: 58.190 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

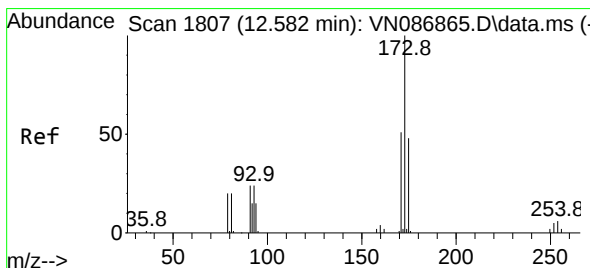
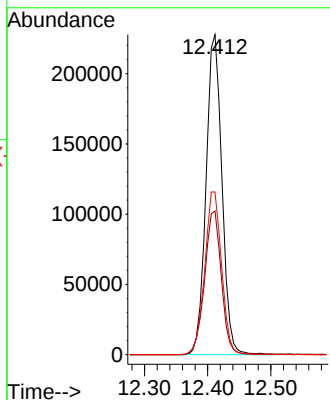
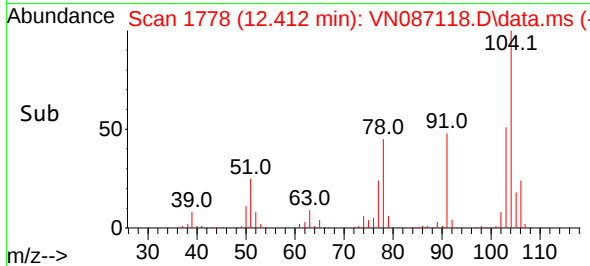
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion:104 Resp: 398860
Ion Ratio Lower Upper
104 100
78 47.2 38.5 57.7
103 54.3 43.1 64.7

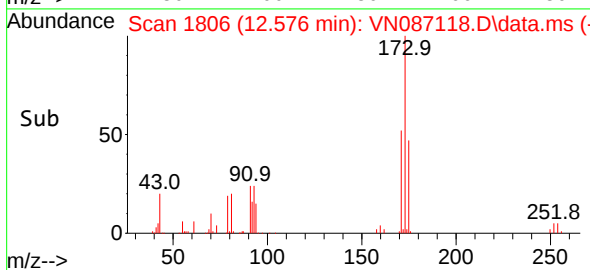
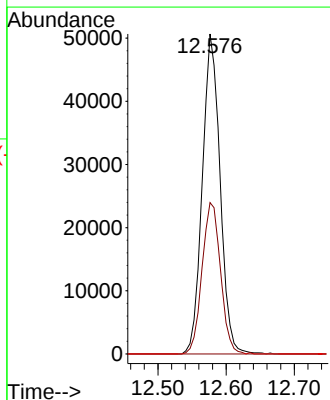
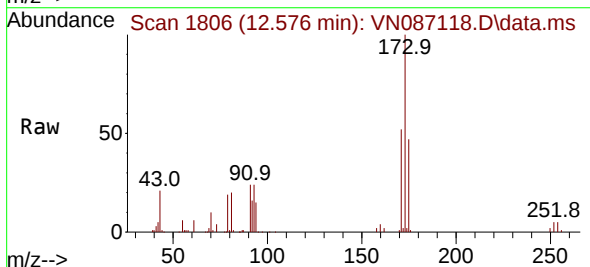
Manual Integrations
APPROVED

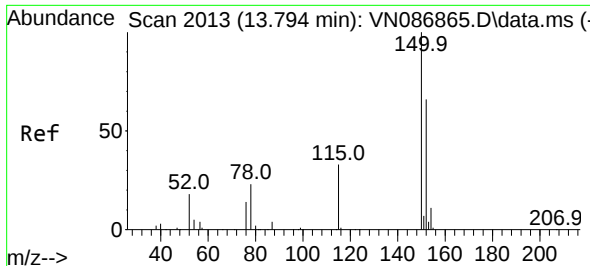
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#71
Bromoform
Concen: 60.729 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

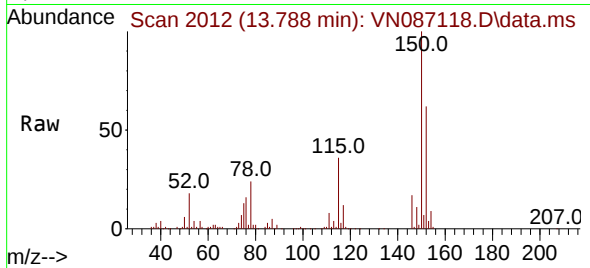
Tgt Ion:173 Resp: 91748
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.4
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

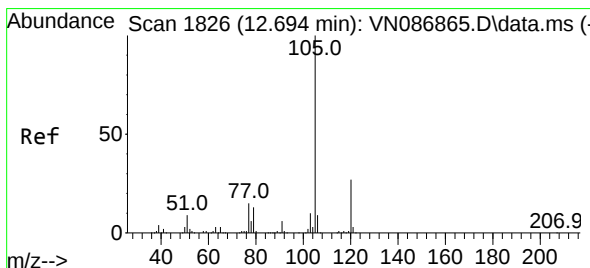
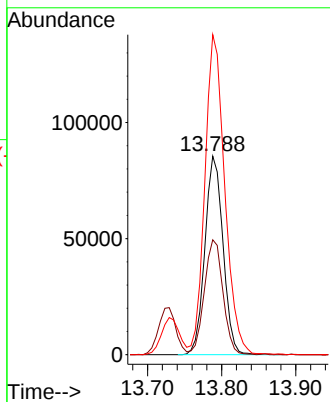
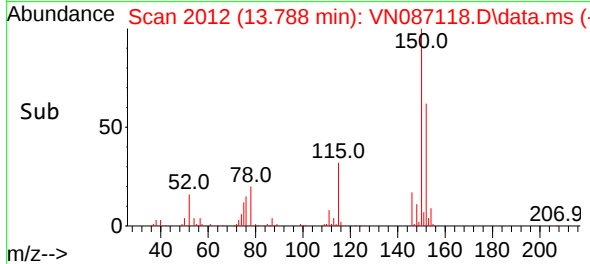
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion:152 Resp: 145570
Ion Ratio Lower Upper
152 100
115 59.3 30.1 90.5
150 177.0 0.0 345.0

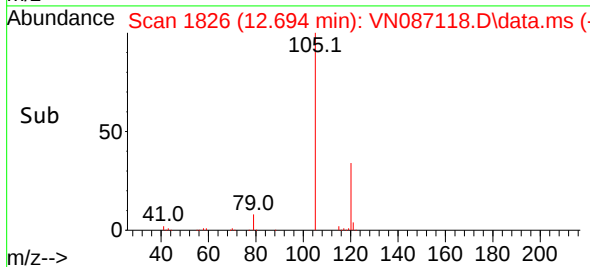
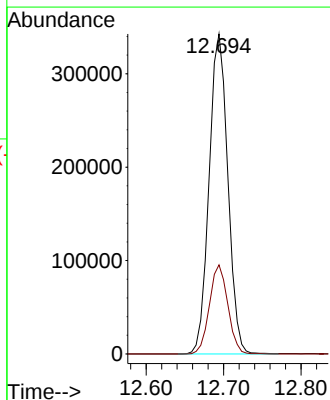
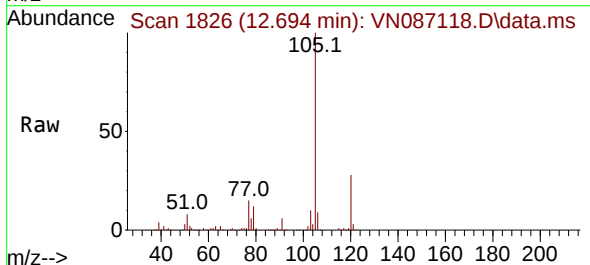
Manual Integrations
APPROVED

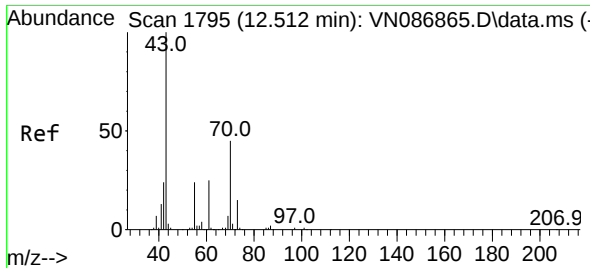
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#73
Isopropylbenzene
Concen: 54.196 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

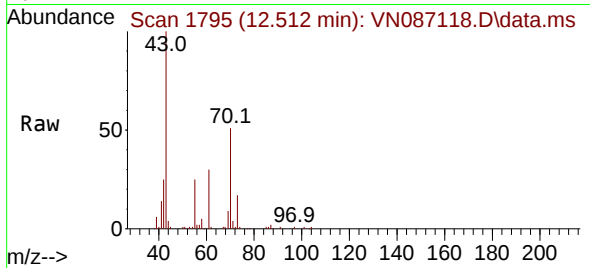
Tgt Ion:105 Resp: 574771
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4





#74
N-amy1 acetate
Concen: 45.621 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

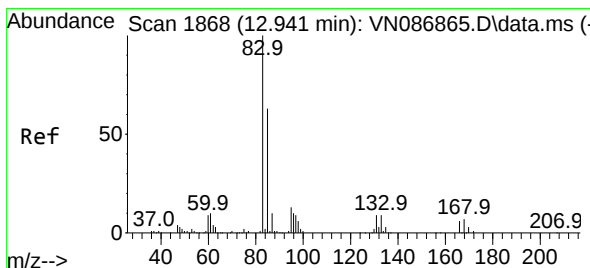
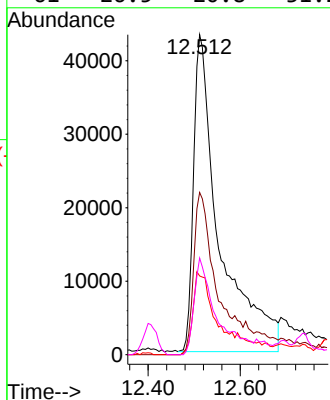
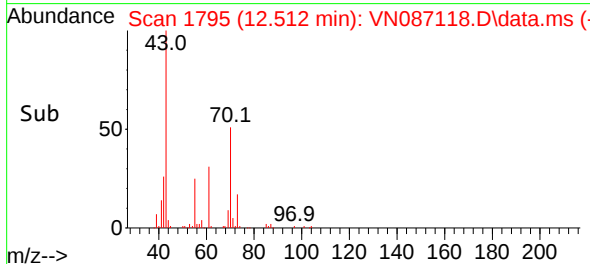
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



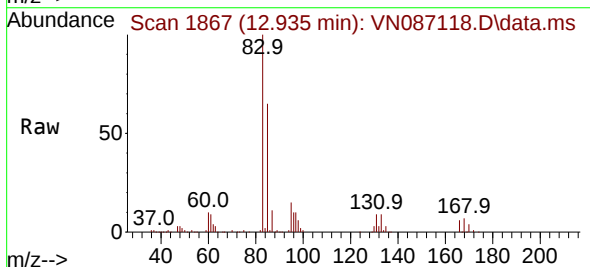
Tgt Ion: 43 Resp: 16906
Ion Ratio Lower Upper
43 100
70 51.9 37.6 56.4
55 26.8 19.0 28.6
61 26.5 20.8 31.2

Manual Integrations
APPROVED

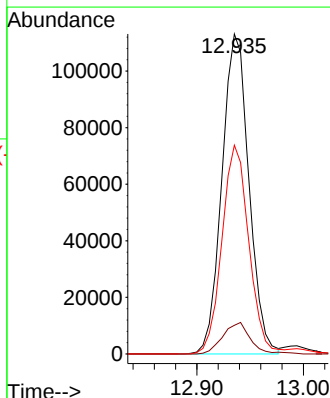
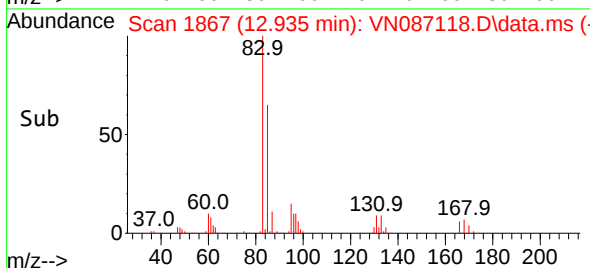
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

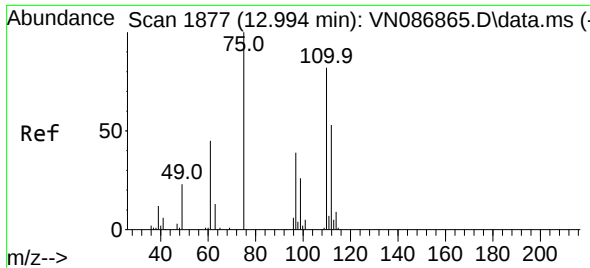


#75
1,1,2,2-Tetrachloroethane
Concen: 55.457 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31



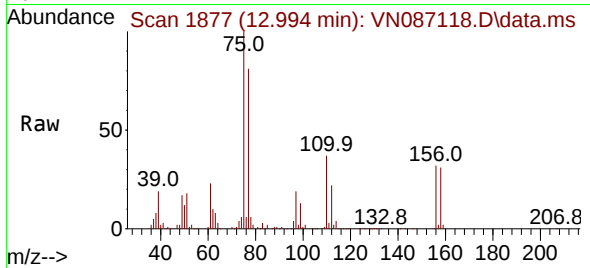
Tgt Ion: 83 Resp: 199250
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 64.9 32.0 96.0





#76
1,2,3-Trichloropropane
Concen: 47.272 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

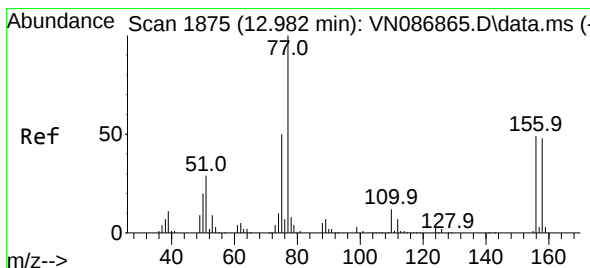
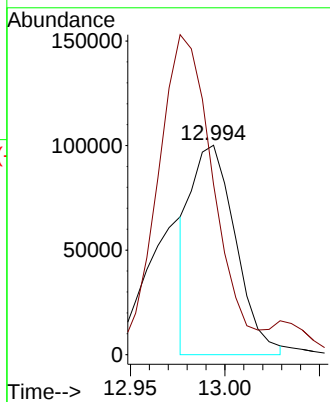
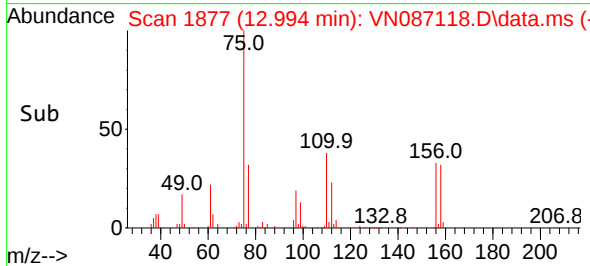
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



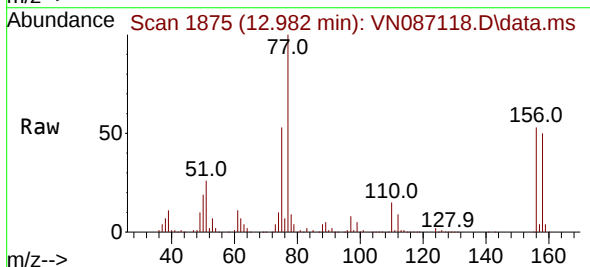
Tgt Ion: 75 Resp: 163580
Ion Ratio Lower Upper
75 100
77 192.5 79.3 237.9

Manual Integrations
APPROVED

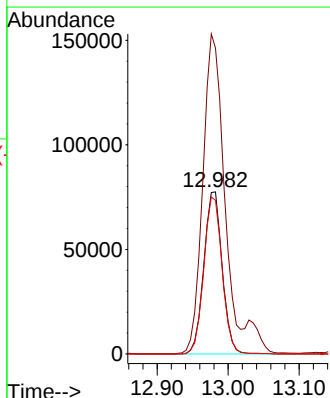
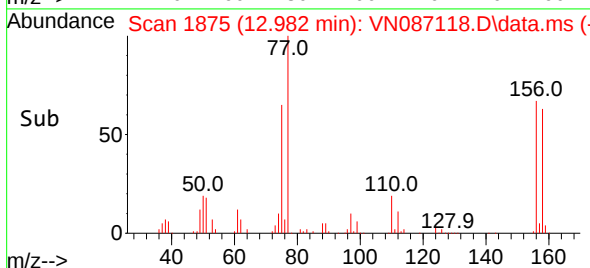
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

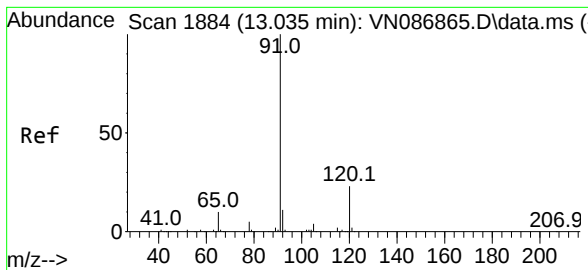


#77
Bromobenzene
Concen: 57.381 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31



Tgt Ion:156 Resp: 139561
Ion Ratio Lower Upper
156 100
77 225.7 117.7 353.1
158 96.5 48.1 144.4





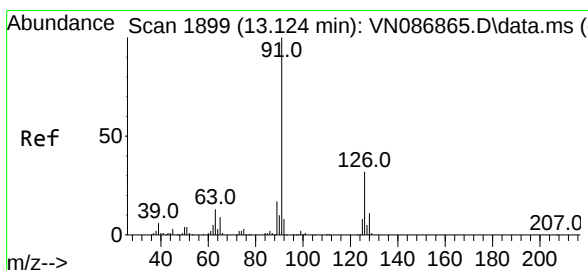
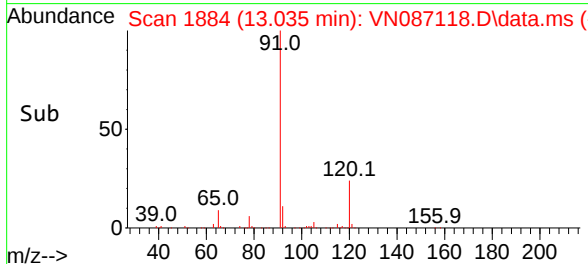
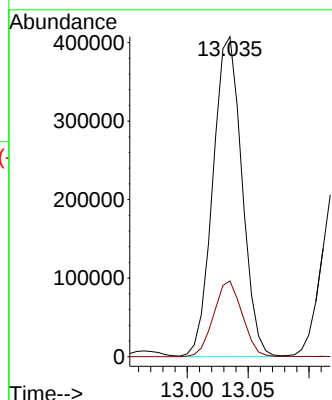
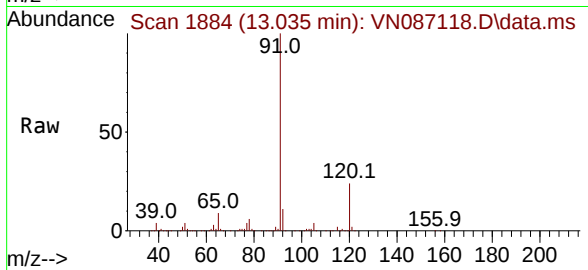
#78
n-propylbenzene
Concen: 52.413 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS

Tgt Ion: 91 Resp: 675510
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.2

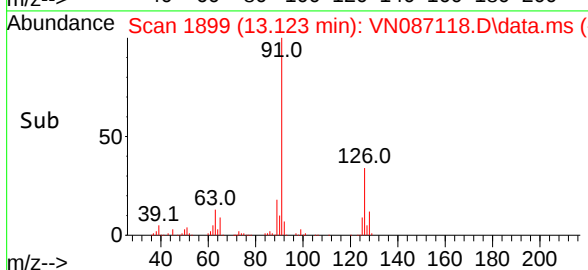
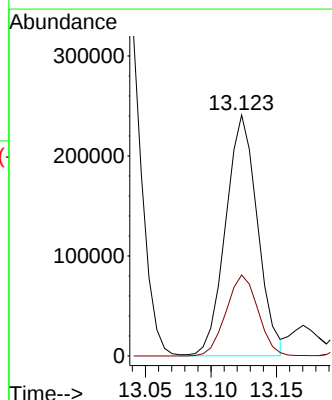
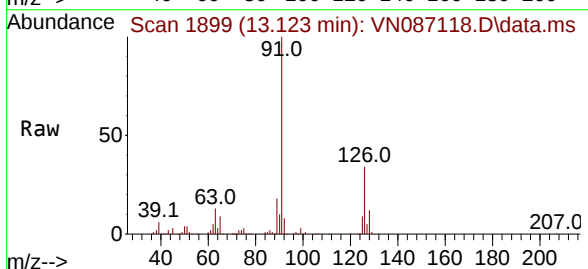
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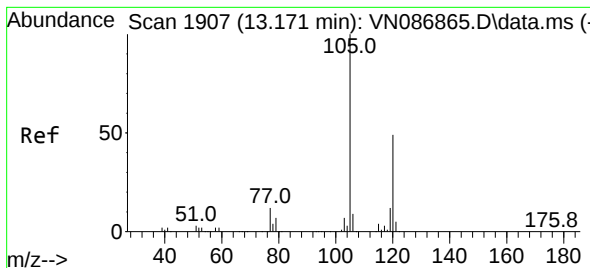
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#79
2-Chlorotoluene
Concen: 52.721 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Tgt Ion: 91 Resp: 407496
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.5





#80

1,3,5-Trimethylbenzene

Concen: 54.335 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN087118.D

Acq: 19 Jun 2025 17:31

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20250613MS

Tgt Ion:105 Resp: 47575

Ion Ratio Lower Upper

105 100

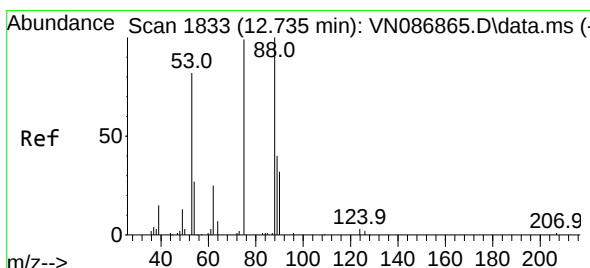
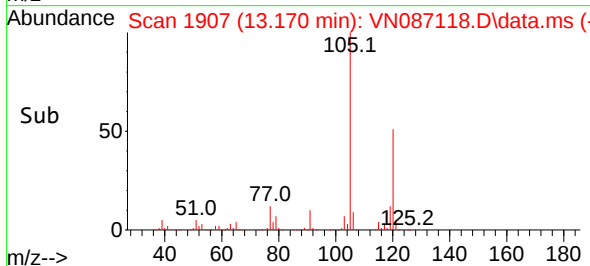
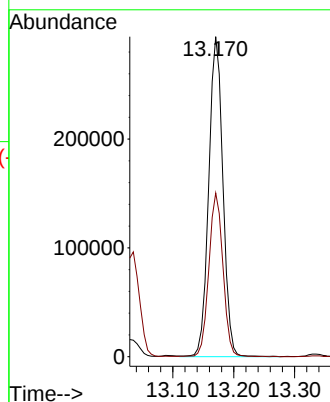
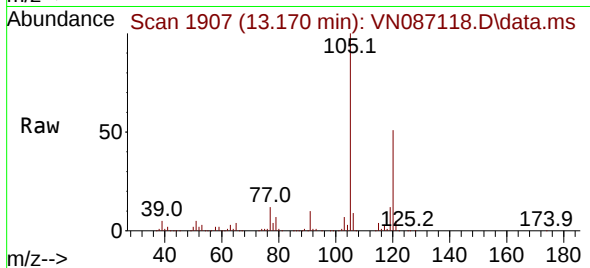
120 50.8 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 52.787 ug/l

RT: 12.735 min Scan# 1833

Delta R.T. -0.000 min

Lab File: VN087118.D

Acq: 19 Jun 2025 17:31

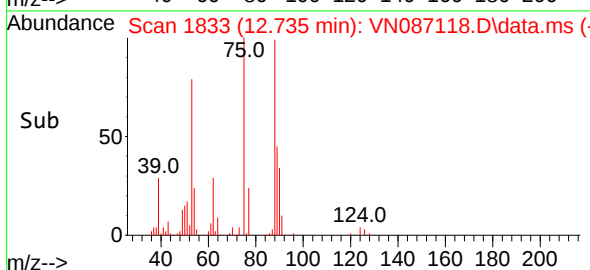
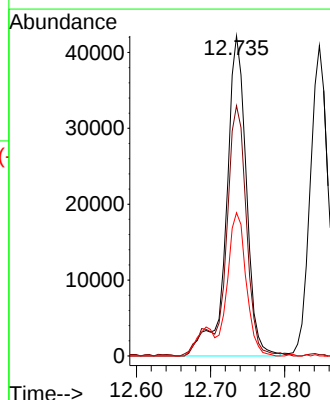
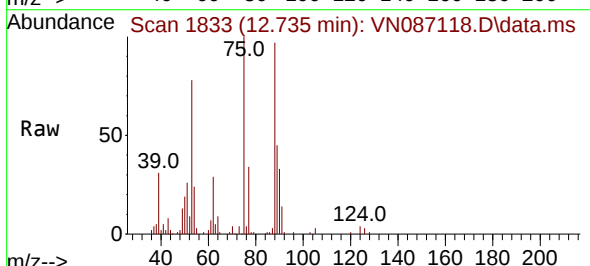
Tgt Ion: 75 Resp: 79351

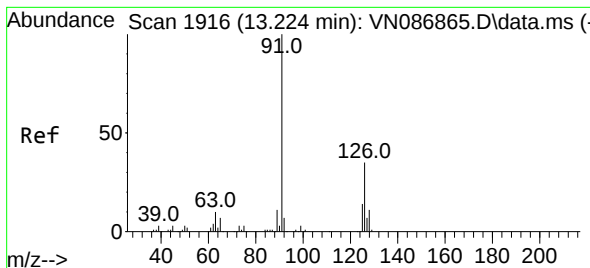
Ion Ratio Lower Upper

75 100

53 73.7 66.6 99.8

89 41.4 36.7 55.1





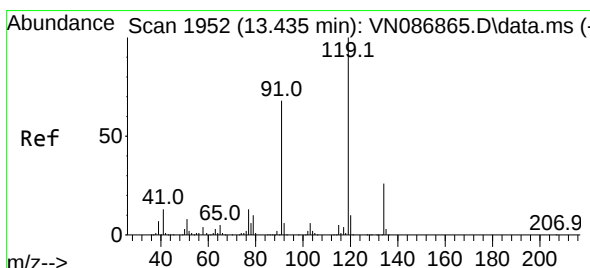
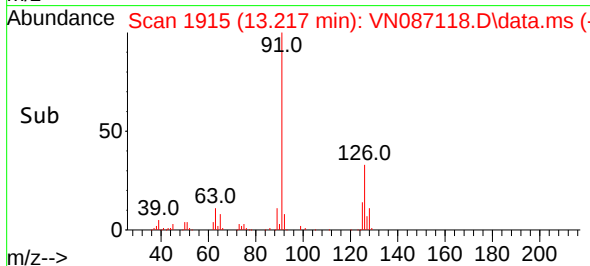
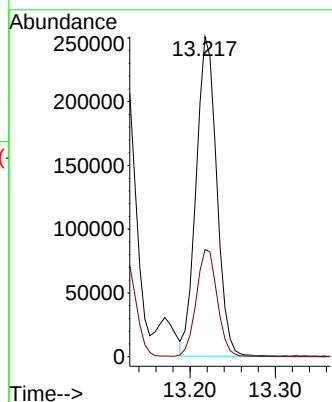
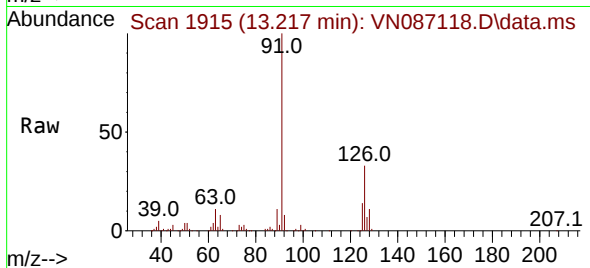
#82
4-Chlorotoluene
Concen: 53.678 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS

Tgt Ion: 91 Resp: 419800
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.1

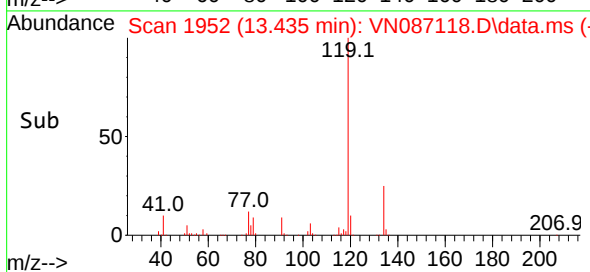
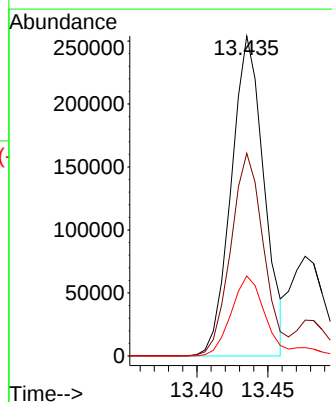
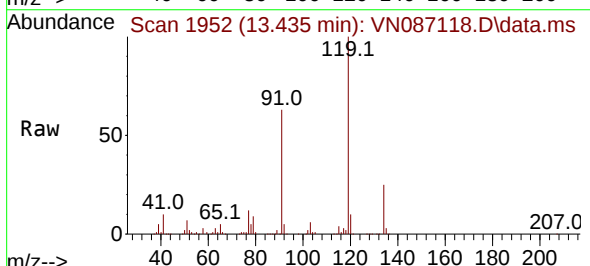
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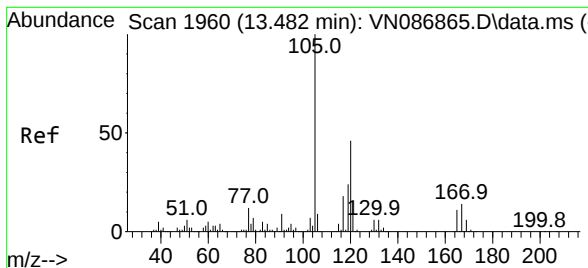
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#83
tert-Butylbenzene
Concen: 50.876 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Tgt Ion:119 Resp: 407771
Ion Ratio Lower Upper
119 100
91 63.9 32.1 96.5
134 27.4 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 54.733 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN087118.D

Acq: 19 Jun 2025 17:31

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20250613MS

Tgt Ion:105 Resp: 480560

Ion Ratio Lower Upper

105 100

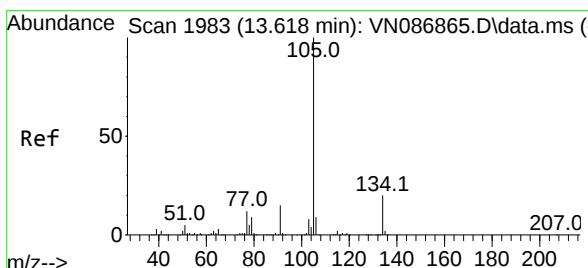
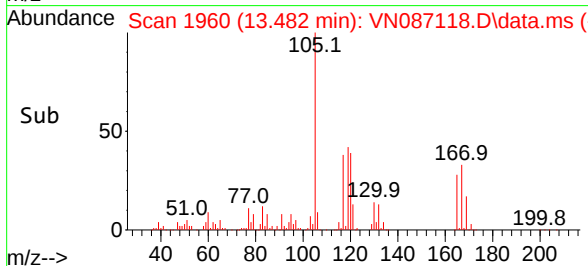
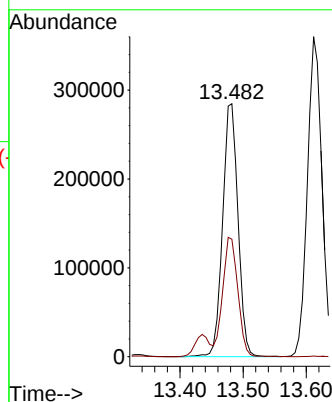
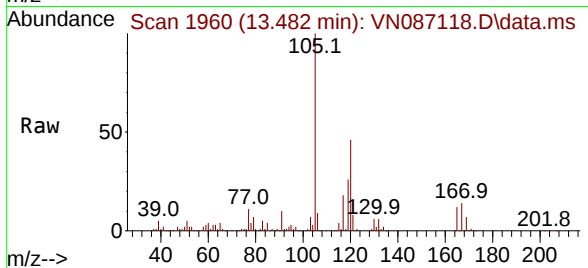
120 46.4 23.2 69.6

Manual Integrations

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Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#85

sec-Butylbenzene

Concen: 49.567 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN087118.D

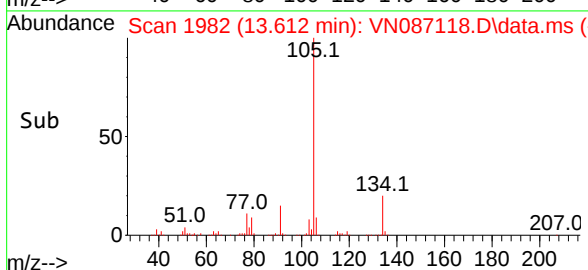
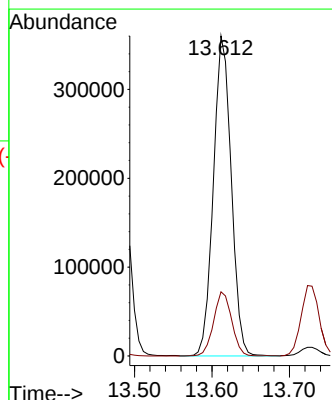
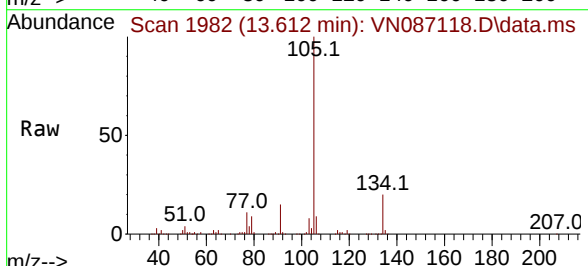
Acq: 19 Jun 2025 17:31

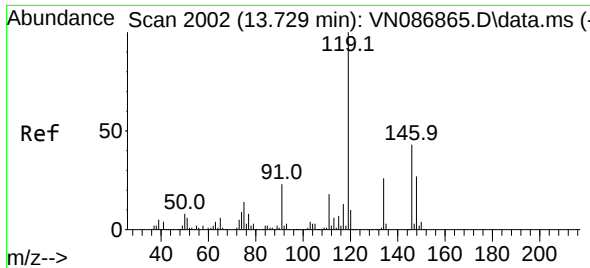
Tgt Ion:105 Resp: 576942

Ion Ratio Lower Upper

105 100

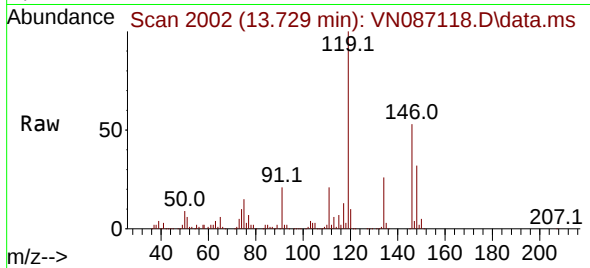
134 20.2 10.0 30.0





#86
p-Isopropyltoluene
Concen: 50.571 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

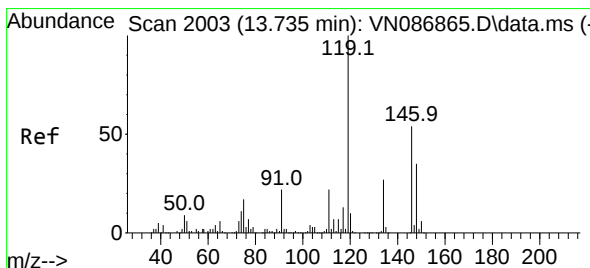
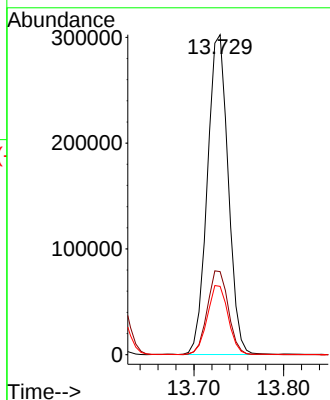
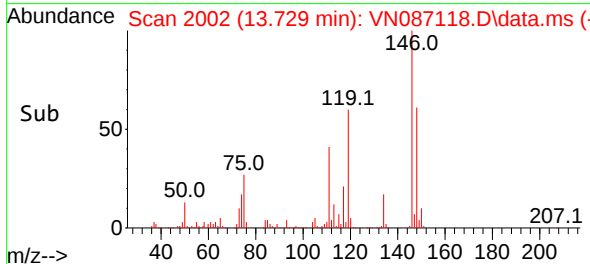
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion:119 Resp: 486569
Ion Ratio Lower Upper
119 100
134 26.5 13.5 40.4
91 21.7 11.5 34.4

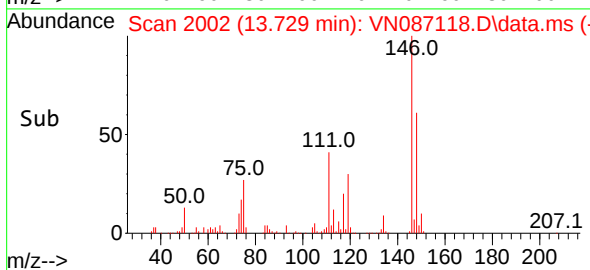
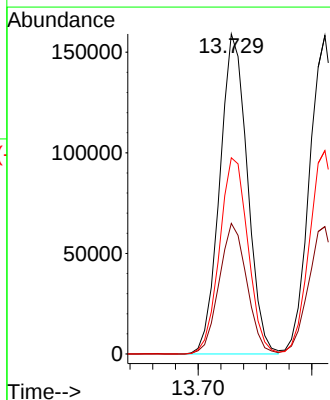
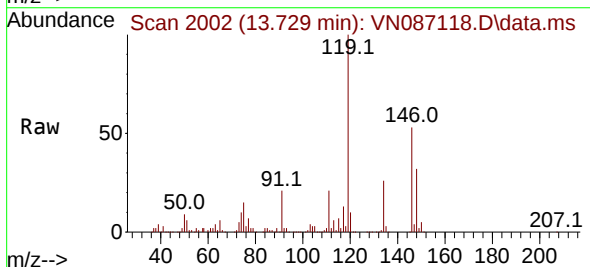
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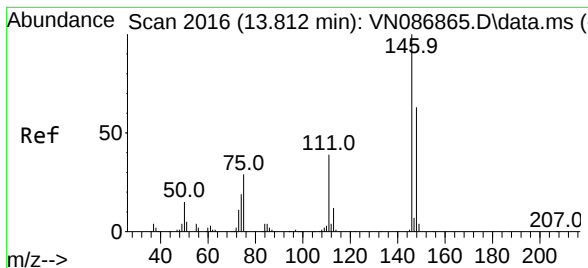
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#87
1,3-Dichlorobenzene
Concen: 56.190 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Tgt Ion:146 Resp: 268884
Ion Ratio Lower Upper
146 100
111 40.9 20.9 62.8
148 63.0 32.0 96.2





#88

1,4-Dichlorobenzene

Concen: 55.596 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN087118.D

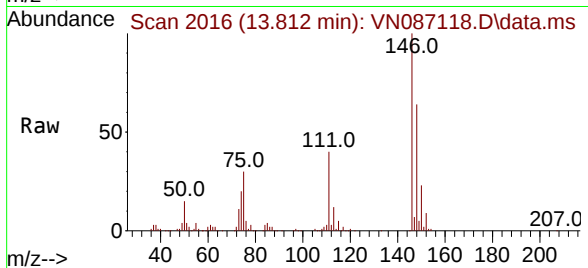
Acq: 19 Jun 2025 17:31

Instrument :

MSVOA_N

ClientSampleId :

TT172S1-20250613MS



Tgt Ion:146 Resp: 271234

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

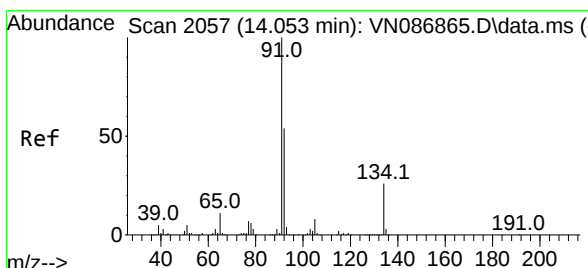
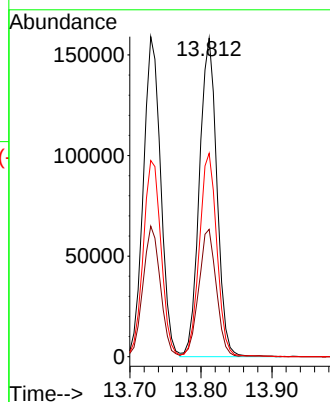
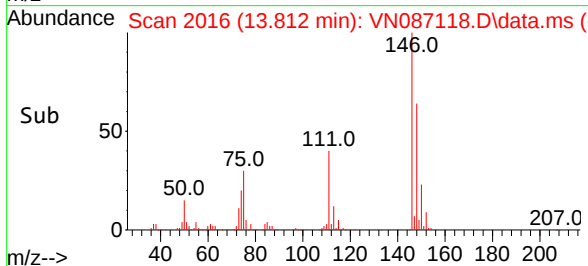
148 64.0 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#89

n-Butylbenzene

Concen: 45.329 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087118.D

Acq: 19 Jun 2025 17:31

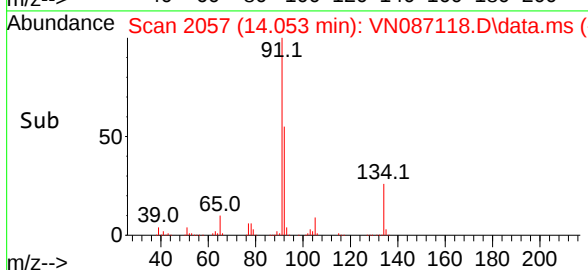
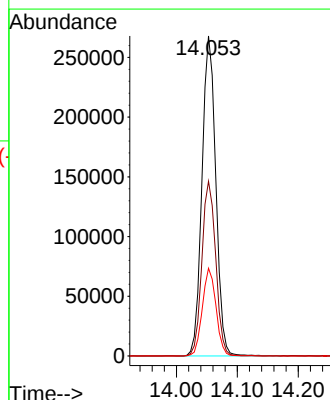
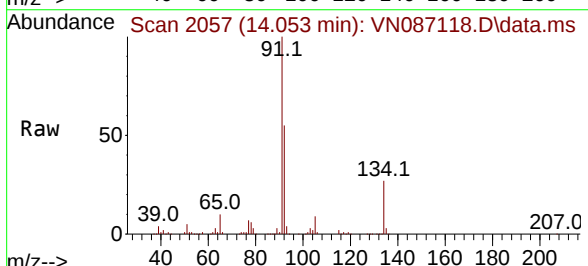
Tgt Ion: 91 Resp: 422443

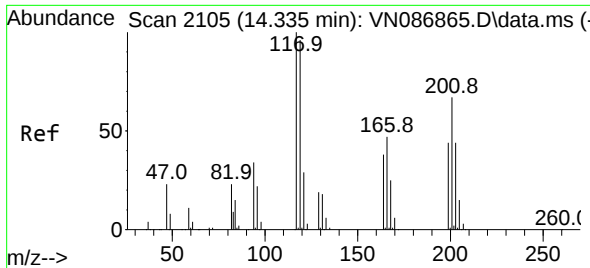
Ion Ratio Lower Upper

91 100

92 54.6 27.5 82.4

134 27.1 13.0 39.0





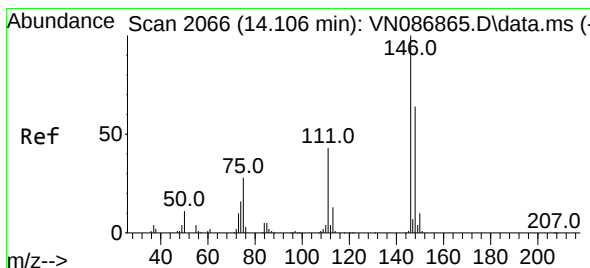
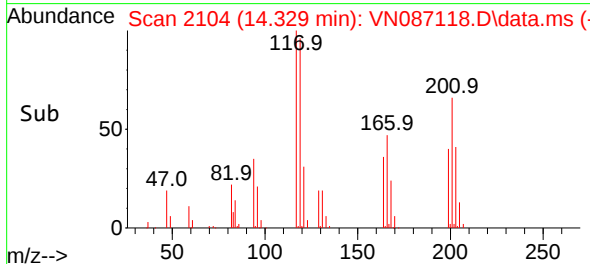
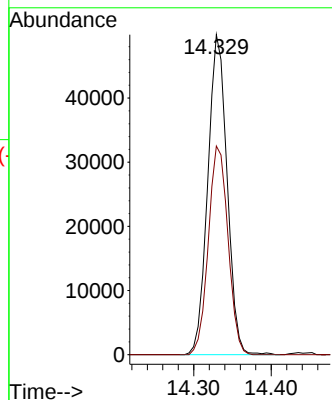
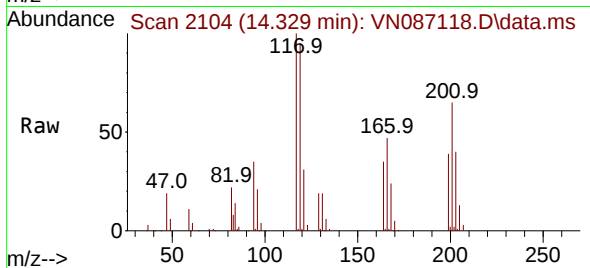
#90
Hexachloroethane
Concen: 52.807 ug/l
RT: 14.329 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS

Tgt Ion:117 Resp: 86124
Ion Ratio Lower Upper
117 100
201 66.4 33.2 99.6

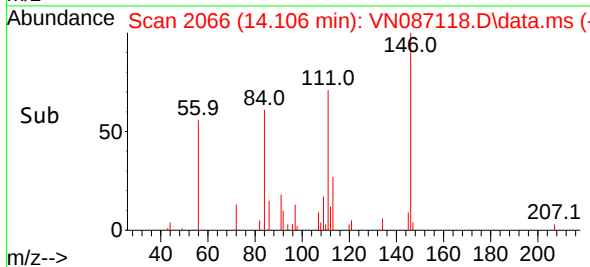
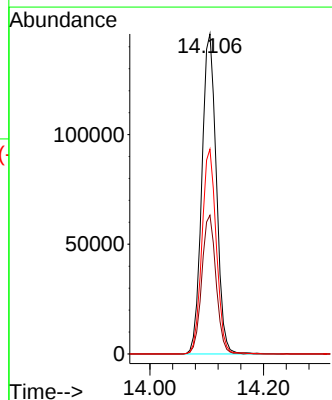
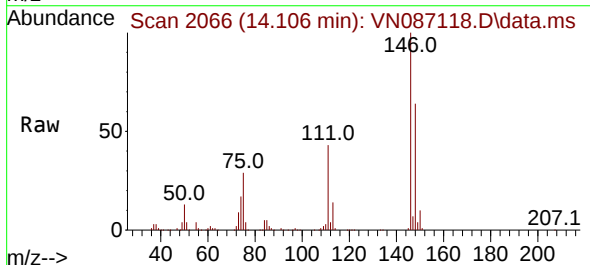
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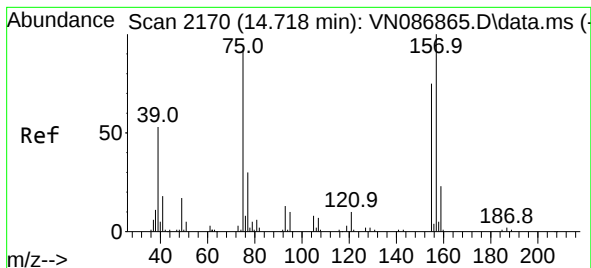
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#91
1,2-Dichlorobenzene
Concen: 56.151 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Tgt Ion:146 Resp: 258146
Ion Ratio Lower Upper
146 100
111 42.7 21.6 64.6
148 63.4 31.7 95.1





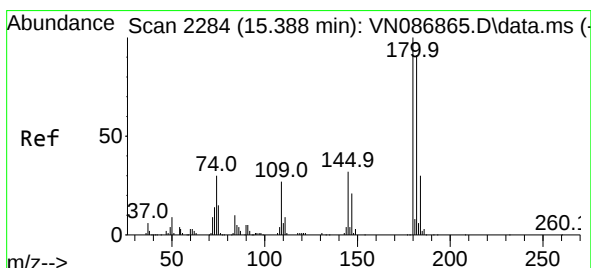
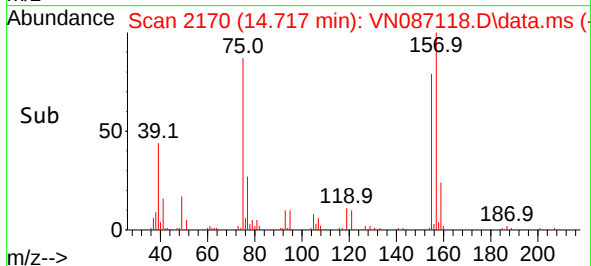
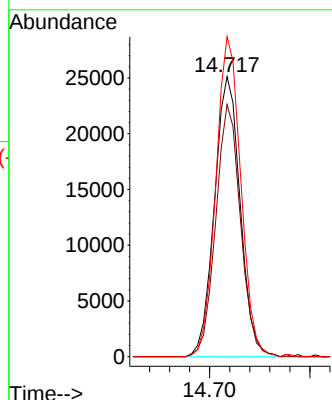
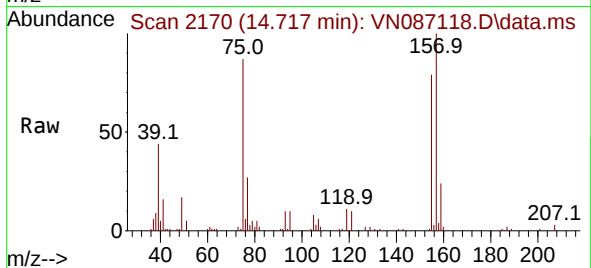
#92
1,2-Dibromo-3-Chloropropane
Concen: 52.011 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS

Tgt Ion: 75 Resp: 44690
Ion Ratio Lower Upper
75 100
155 86.6 41.1 123.4
157 110.7 52.7 158.1

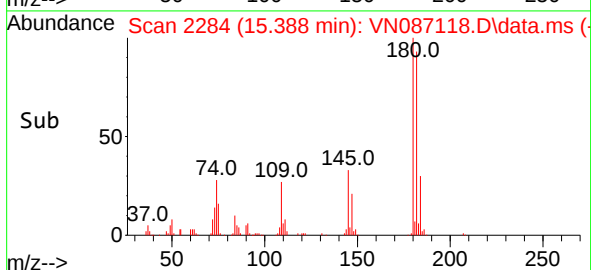
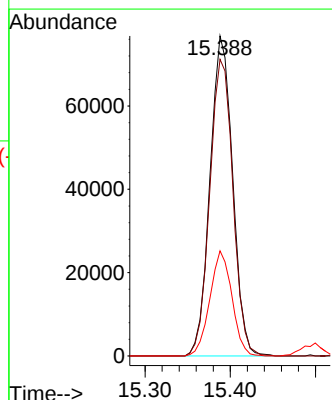
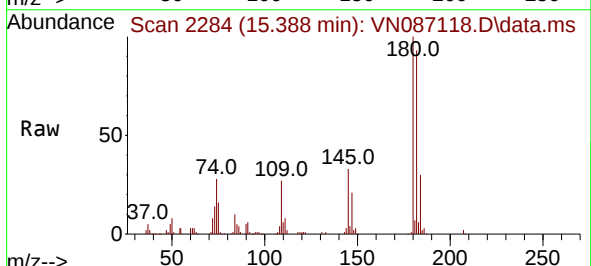
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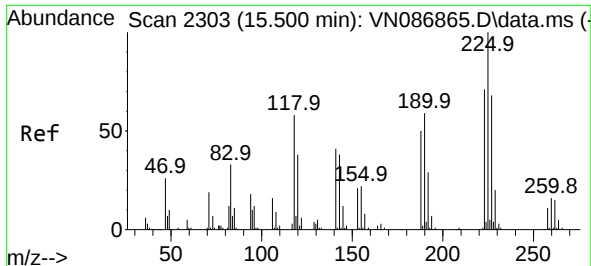
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#93
1,2,4-Trichlorobenzene
Concen: 48.271 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

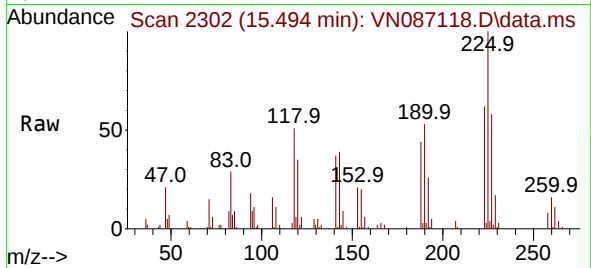
Tgt Ion:180 Resp: 141709
Ion Ratio Lower Upper
180 100
182 94.8 46.9 140.7
145 32.1 16.0 47.9





#94
Hexachlorobutadiene
Concen: 38.570 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

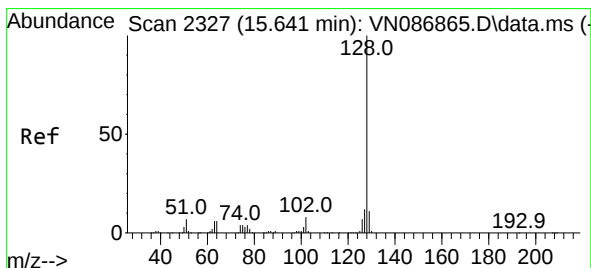
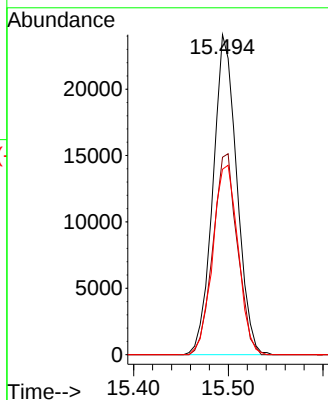
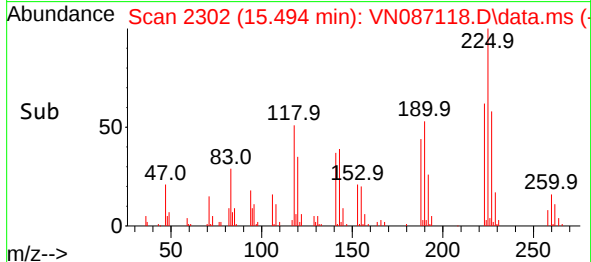
Instrument :
MSVOA_N
ClientSampleId :
TT172S1-20250613MS



Tgt Ion:225 Resp: 42180
Ion Ratio Lower Upper
225 100
223 64.4 33.5 100.4
227 62.9 31.1 93.5

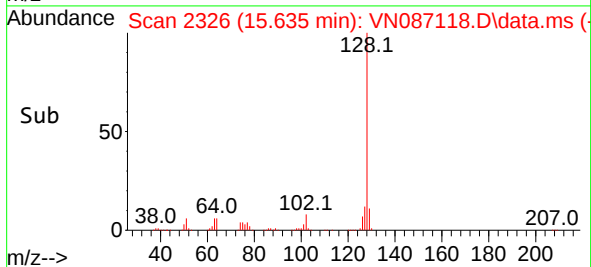
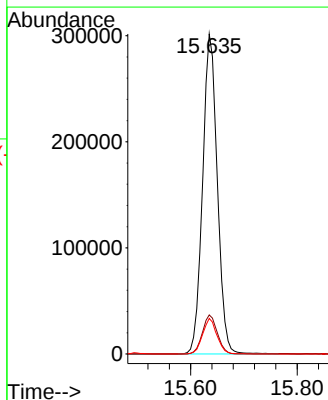
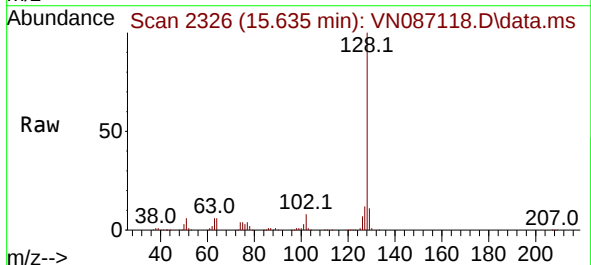
Manual Integrations
APPROVED

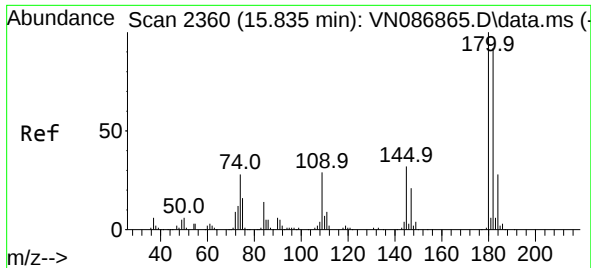
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#95
Naphthalene
Concen: 52.869 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN087118.D
Acq: 19 Jun 2025 17:31

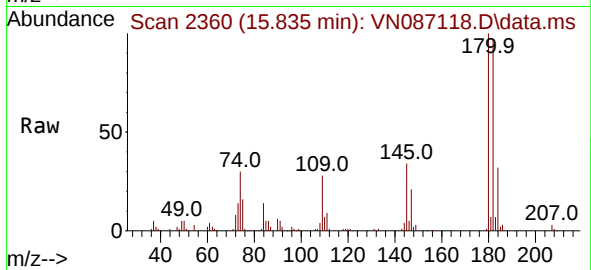
Tgt Ion:128 Resp: 577711
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 10.8 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 47.084 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087118.D
 Acq: 19 Jun 2025 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 TT172S1-20250613MS



Tgt Ion:180 Resp: 137332
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.0 141.0
 145 34.2 16.6 49.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

