

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087122.D
 Acq On : 20 Jun 2025 08:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 22:58:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	203626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	307356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135451	49.683	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.360%		
35) Dibromofluoromethane	8.171	113	118104	56.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	112.400%		
50) Toluene-d8	10.565	98	431376	51.850	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.700%		
62) 4-Bromofluorobenzene	12.847	95	162293	52.505	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	114535	56.413	ug/l	98
3) Chloromethane	2.395	50	115769	44.158	ug/l	100
4) Vinyl Chloride	2.554	62	153653	56.815	ug/l	98
5) Bromomethane	2.989	94	84087	55.560	ug/l	94
6) Chloroethane	3.154	64	95689	54.776	ug/l	95
7) Trichlorofluoromethane	3.530	101	198189	56.089	ug/l	99
8) Diethyl Ether	3.983	74	82515	53.598	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.401	101	125740	56.640	ug/l	99
10) Methyl Iodide	4.612	142	110166	38.281	ug/l	98
11) Tert butyl alcohol	5.530	59	148565	200.828	ug/l	100
12) 1,1-Dichloroethene	4.371	96	126496	55.813	ug/l	91
13) Acrolein	4.195	56	40867	174.525	ug/l	99
14) Allyl chloride	5.048	41	180754	48.089	ug/l	96
15) Acrylonitrile	5.730	53	415621	240.370	ug/l	99
16) Acetone	4.442	43	408428	282.494	ug/l	96
17) Carbon Disulfide	4.742	76	353424	56.375	ug/l	99
18) Methyl Acetate	5.042	43	180902	42.936	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	427685	52.117	ug/l	98
20) Methylene Chloride	5.295	84	138790	51.275	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	134420	53.308	ug/l	94
22) Diisopropyl ether	6.683	45	387584	48.918	ug/l	98
23) Vinyl Acetate	6.618	43	1697179	253.532	ug/l	98
24) 1,1-Dichloroethane	6.583	63	242668	53.222	ug/l	98
25) 2-Butanone	7.489	43	512360	218.017	ug/l	97
26) 2,2-Dichloropropane	7.500	77	211417	59.608	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	160735	53.300	ug/l	99
28) Bromochloromethane	7.818	49	102876	45.889	ug/l	94
29) Tetrahydrofuran	7.847	42	338392	221.039	ug/l	95
30) Chloroform	7.971	83	236403	51.917	ug/l	97
31) Cyclohexane	8.265	56	211393	47.807	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	203156	52.457	ug/l	98
36) 1,1-Dichloropropene	8.377	75	175815	56.142	ug/l	99
37) Ethyl Acetate	7.571	43	193106	48.439	ug/l	99
38) Carbon Tetrachloride	8.371	117	171875	55.903	ug/l	98
39) Methylcyclohexane	9.600	83	211514	49.299	ug/l	96
40) Benzene	8.612	78	553142	54.015	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	108376	48.406	ug/l	96
42) 1,2-Dichloroethane	8.671	62	166002	53.445	ug/l	100
43) Isopropyl Acetate	8.688	43	302481	47.274	ug/l	96
44) Trichloroethene	9.353	130	134794	55.512	ug/l	98
45) 1,2-Dichloropropane	9.624	63	135156	54.250	ug/l	99
46) Dibromomethane	9.706	93	93500	56.502	ug/l	98
47) Bromodichloromethane	9.888	83	185179	54.389	ug/l	99
48) Methyl methacrylate	9.682	41	139254	47.285	ug/l	94
49) 1,4-Dioxane	9.706	88	48854	911.870	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	926911	240.636	ug/l	97
52) Toluene	10.630	92	343217	54.842	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	210831	55.378	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	227221	55.780	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	129471	53.766	ug/l	98
56) Ethyl methacrylate	10.877	69	215240	56.118	ug/l	92
57) 1,3-Dichloropropane	11.159	76	222840	53.346	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	553411	241.912	ug/l	98
59) 2-Hexanone	11.200	43	611555	246.480	ug/l	92
60) Dibromochloromethane	11.359	129	140321	55.929	ug/l	100
61) 1,2-Dibromoethane	11.471	107	132794	53.802	ug/l	100
64) Tetrachloroethene	11.100	164	106654	54.831	ug/l	96
65) Chlorobenzene	11.888	112	373921	55.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	120447	55.275	ug/l	99
67) Ethyl Benzene	11.959	91	631377	54.073	ug/l	99
68) m/p-Xylenes	12.071	106	510412	114.193	ug/l	96
69) o-Xylene	12.394	106	241938	56.516	ug/l	96
70) Styrene	12.406	104	411615	56.191	ug/l	98
71) Bromoform	12.576	173	93301	57.788	ug/l #	99
73) Isopropylbenzene	12.694	105	594013	53.801	ug/l	100
74) N-amyl acetate	12.512	43	177782	46.080	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	195031	52.142	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	180766m	50.178	ug/l	
77) Bromobenzene	12.976	156	144575	57.098	ug/l	94
78) n-propylbenzene	13.029	91	700828	52.232	ug/l	99
79) 2-Chlorotoluene	13.123	91	424884	52.803	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	485814	53.295	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	83992	53.670	ug/l #	73
82) 4-Chlorotoluene	13.218	91	434656	53.385	ug/l	98
83) tert-Butylbenzene	13.435	119	416876	49.960	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	487717	53.356	ug/l	100
85) sec-Butylbenzene	13.612	105	592254	48.876	ug/l	100
86) p-Isopropyltoluene	13.723	119	499459	49.863	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	272120	54.623	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	277541	54.645	ug/l	99
89) n-Butylbenzene	14.053	91	436509	44.990	ug/l	100
90) Hexachloroethane	14.329	117	88671	52.224	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	256527	53.598	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41417	46.301	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	141215	46.205	ug/l	99
94) Hexachlorobutadiene	15.494	225	40175	35.282	ug/l	99
95) Naphthalene	15.635	128	562260	49.425	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	137222	45.190	ug/l	100

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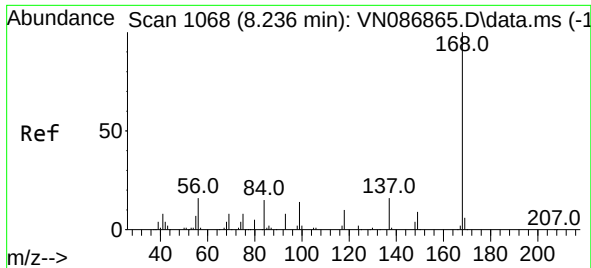
Manual Integrations
APPROVED

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

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



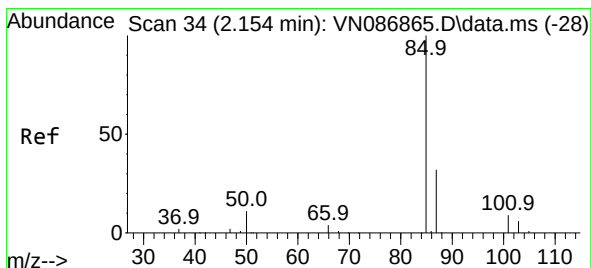
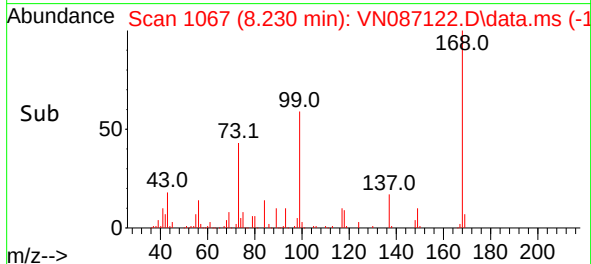
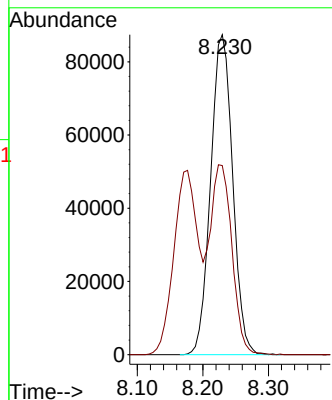
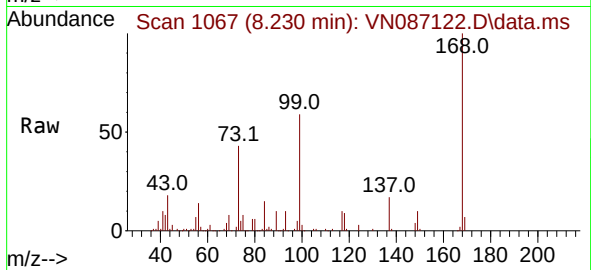
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 203620
Ion Ratio Lower Upper
168 100
99 58.9 49.1 73.7

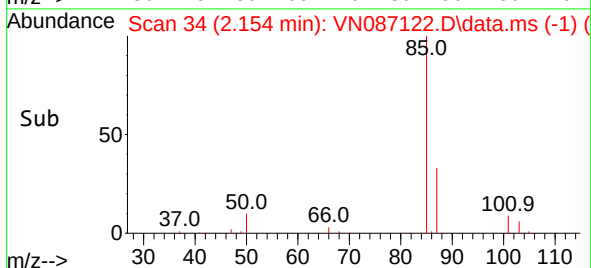
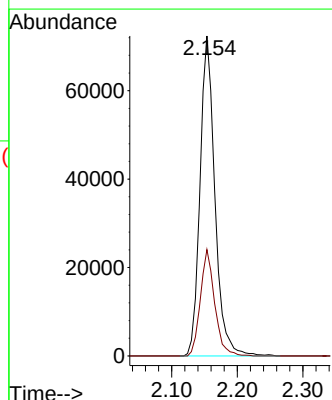
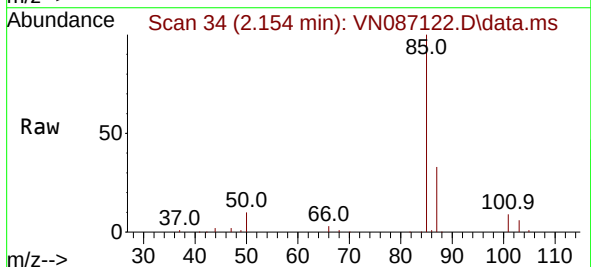
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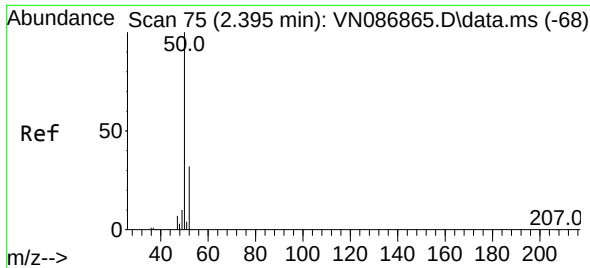
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#2
Dichlorodifluoromethane
Concen: 56.413 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

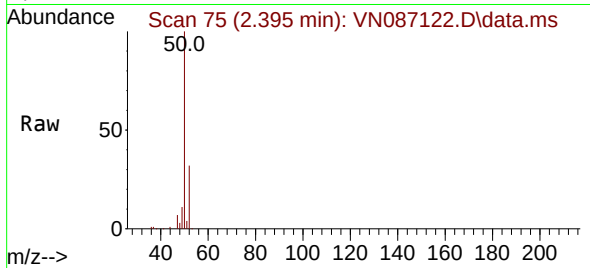
Tgt Ion: 85 Resp: 114535
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6





#3
Chloromethane
Concen: 44.158 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

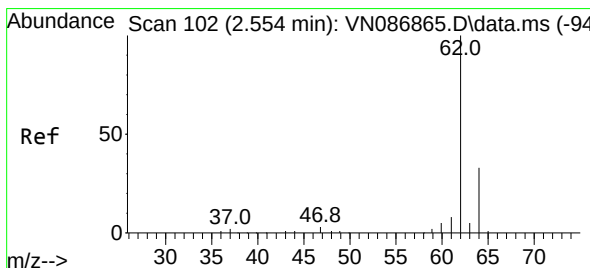
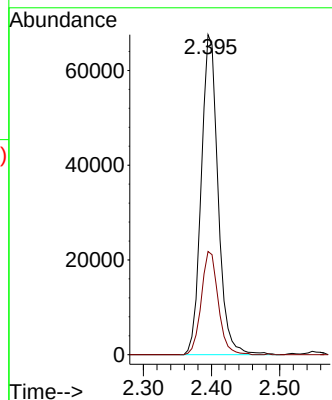
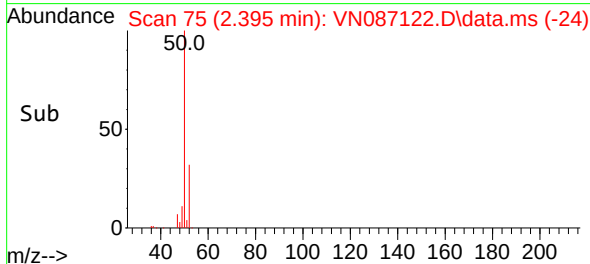
Instrument :
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VSTDCCC050



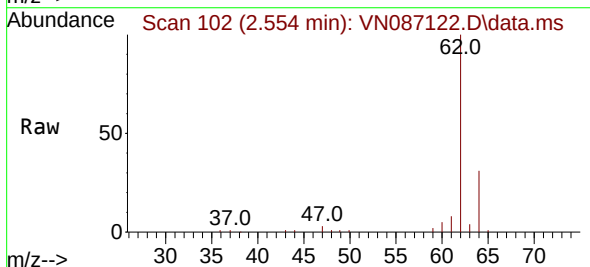
Tgt Ion: 50 Resp: 115769
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5

Manual Integrations
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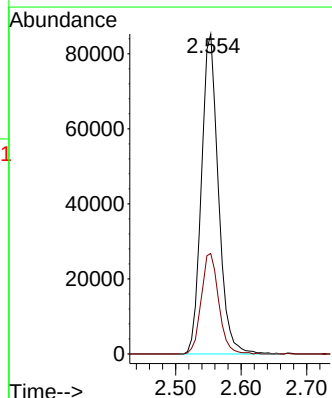
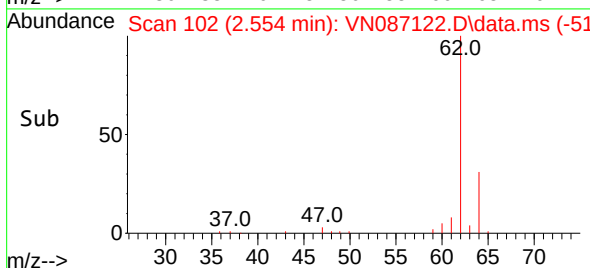
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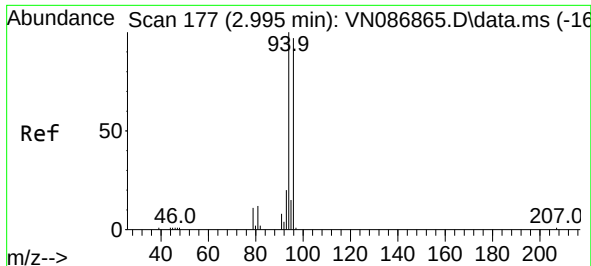


#4
Vinyl Chloride
Concen: 56.815 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51



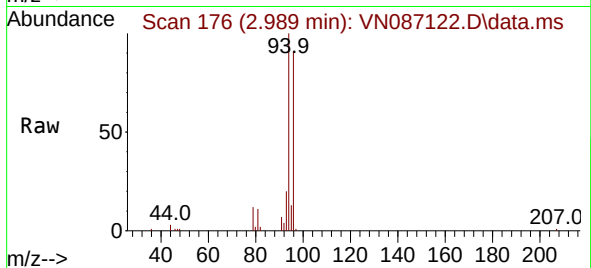
Tgt Ion: 62 Resp: 153653
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0





#5
Bromomethane
Concen: 55.560 ug/l
RT: 2.989 min Scan# 176
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

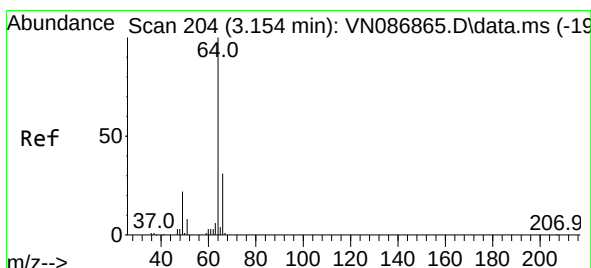
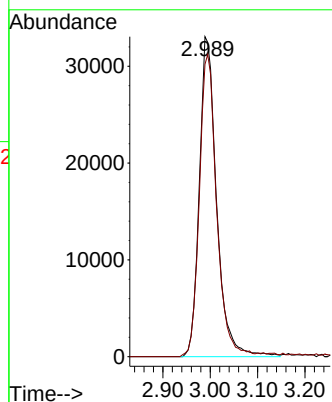
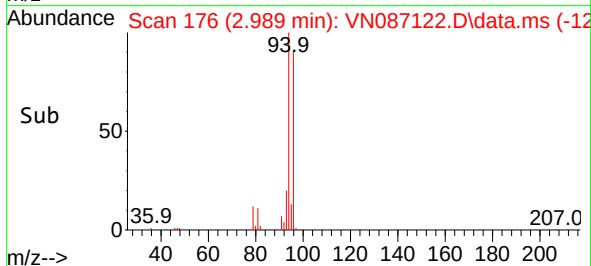
Instrument :
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Tgt Ion: 94 Resp: 8408
Ion Ratio Lower Upper
94 100
96 91.4 77.9 116.9

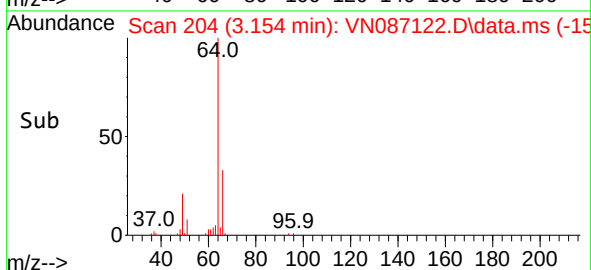
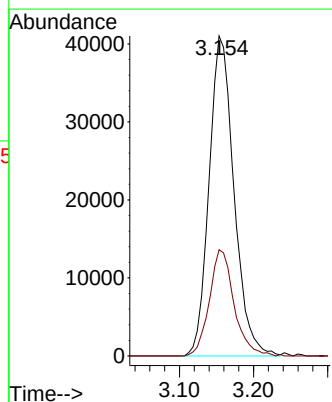
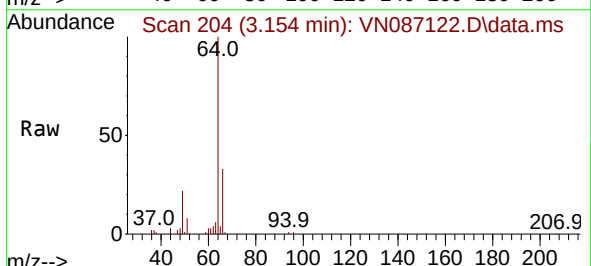
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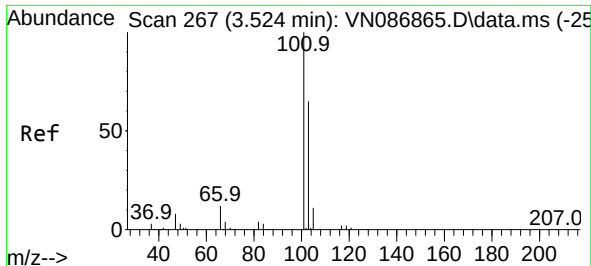
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#6
Chloroethane
Concen: 54.776 ug/l
RT: 3.154 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN087122.D
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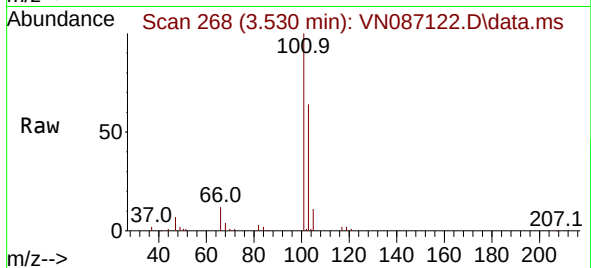
Tgt Ion: 64 Resp: 95689
Ion Ratio Lower Upper
64 100
66 33.2 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 56.089 ug/l
 RT: 3.530 min Scan# 267
 Delta R.T. 0.006 min
 Lab File: VN087122.D
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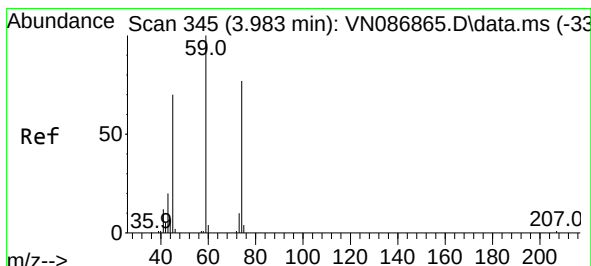
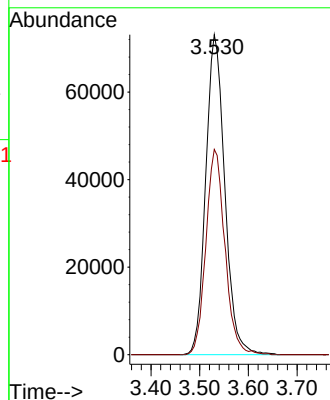
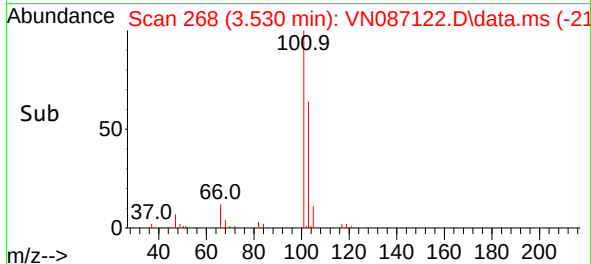
Instrument :
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 VSTDCCC050



Tgt Ion:101 Resp: 198189
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.2

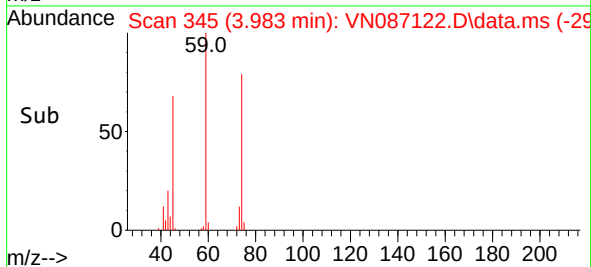
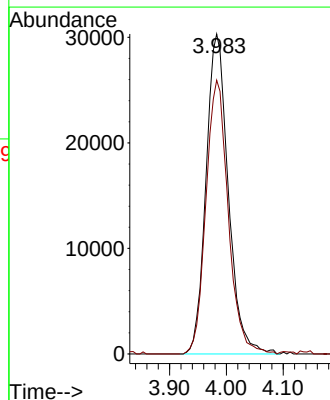
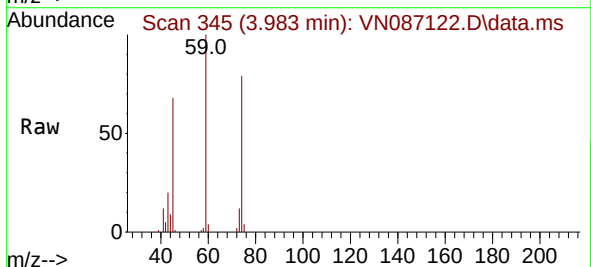
Manual Integrations
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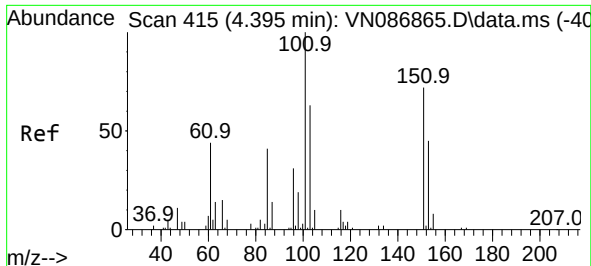
Reviewed By :John Carlone 06/23/2025
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#8
 Diethyl Ether
 Concen: 53.598 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087122.D
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Tgt Ion: 74 Resp: 82515
 Ion Ratio Lower Upper
 74 100
 45 85.8 45.5 136.5





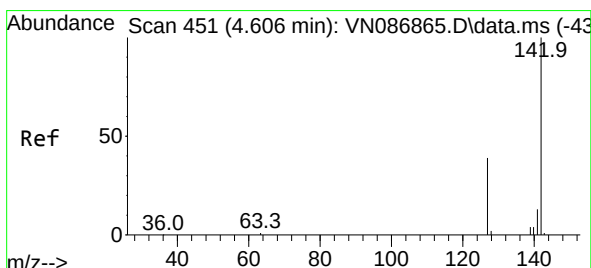
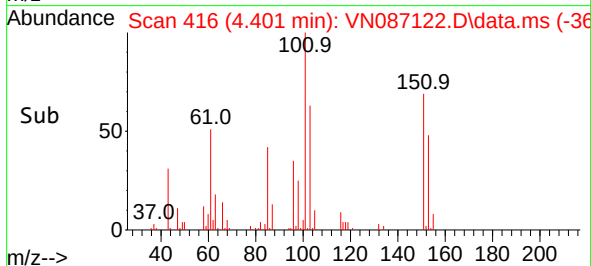
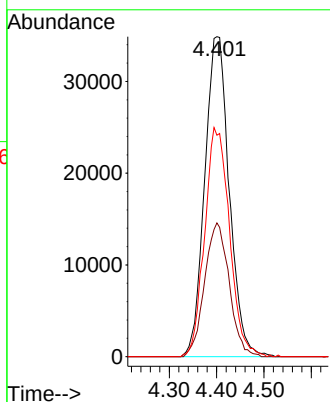
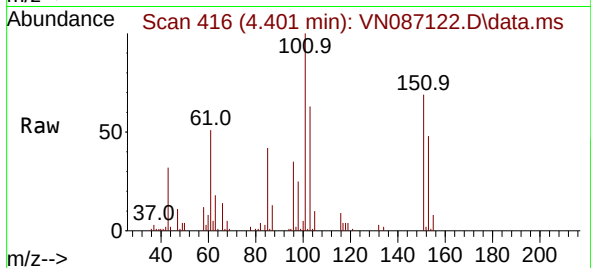
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1,1,2-Trichlorotrifluoroethane
Concen: 56.640 ug/l
RT: 4.401 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087122.D
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 125740
Ion Ratio Lower Upper
101 100
85 41.8 33.8 50.8
151 72.5 58.7 88.1

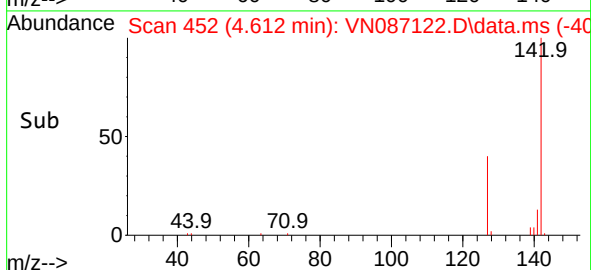
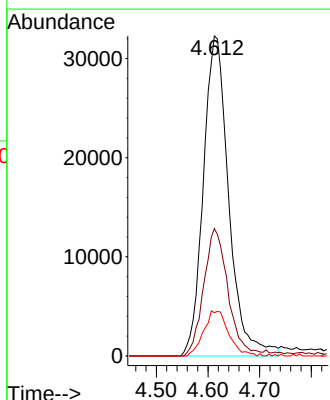
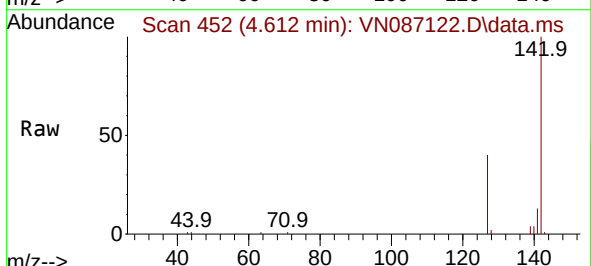
Manual Integrations
APPROVED

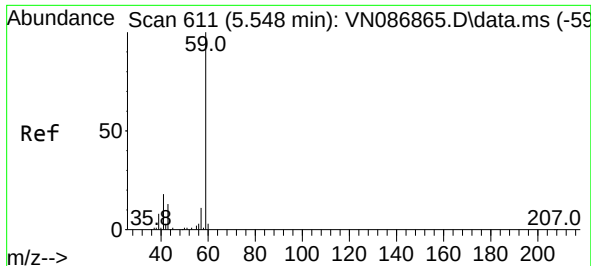
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#10
Methyl Iodide
Concen: 38.281 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

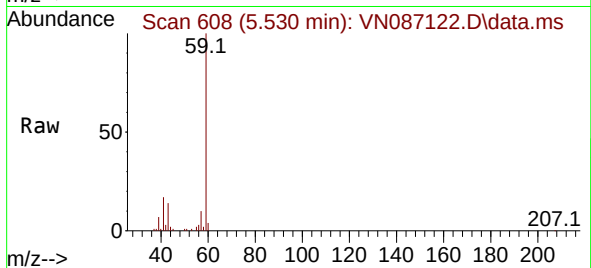
Tgt Ion:142 Resp: 110166
Ion Ratio Lower Upper
142 100
127 39.8 30.9 46.3
141 13.5 10.4 15.6





#11
Tert butyl alcohol
Concen: 200.828 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.018 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

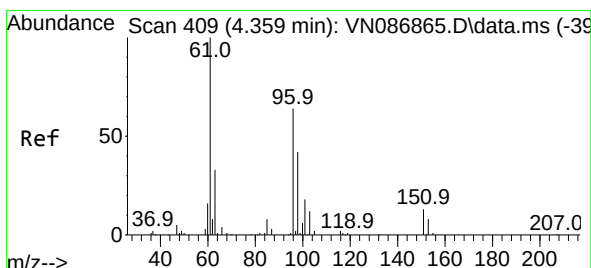
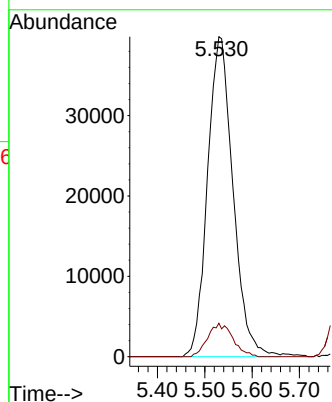
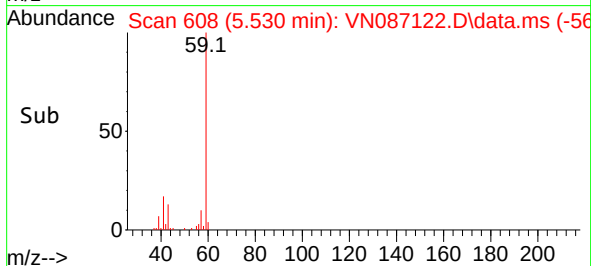
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 14856
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

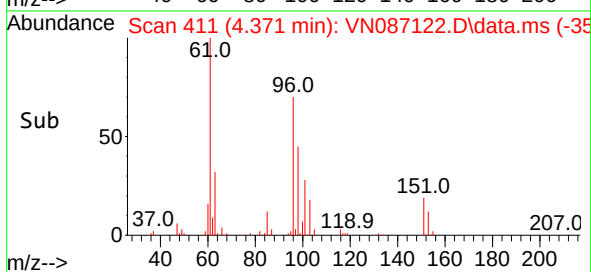
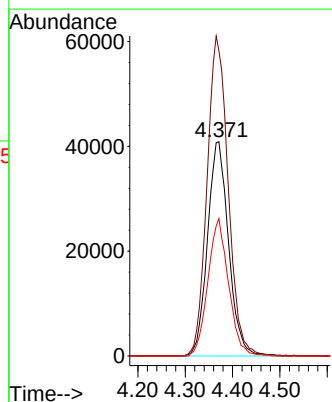
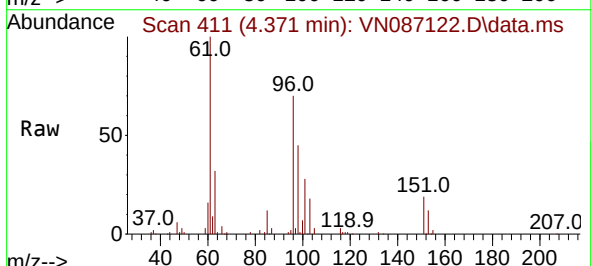
Manual Integrations
APPROVED

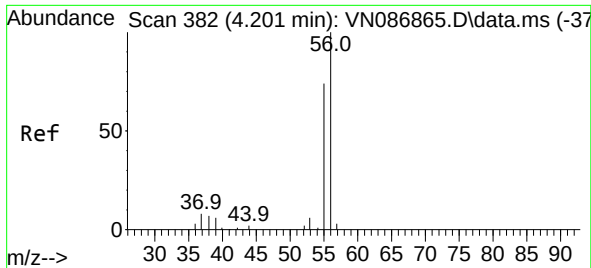
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#12
1,1-Dichloroethene
Concen: 55.813 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Tgt Ion: 96 Resp: 126496
Ion Ratio Lower Upper
96 100
61 142.4 125.8 188.6
98 64.1 52.5 78.7





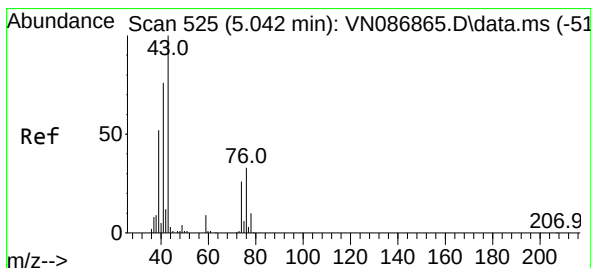
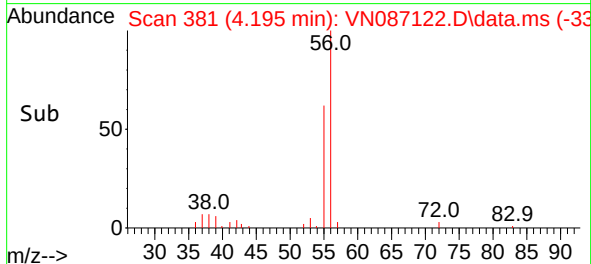
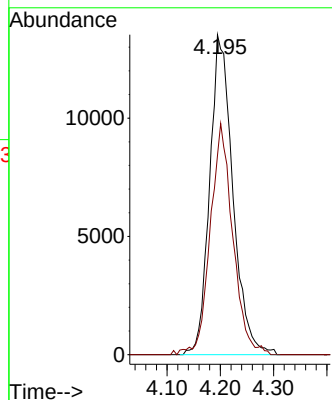
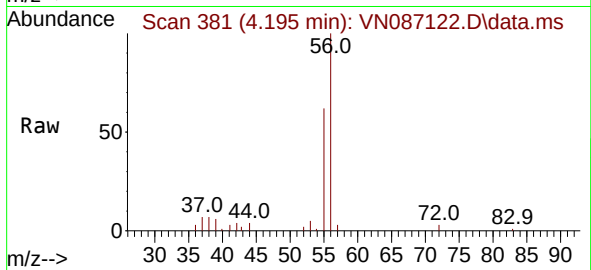
#13
Acrolein
Concen: 174.525 ug/l
RT: 4.195 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 4086
Ion Ratio Lower Upper
56 100
55 70.5 55.6 83.4

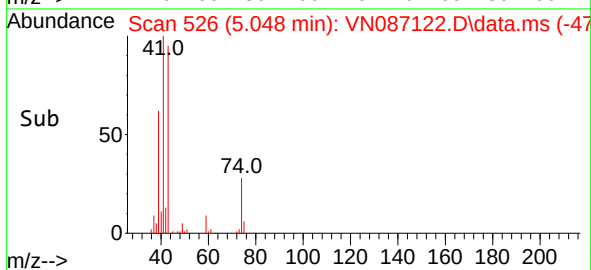
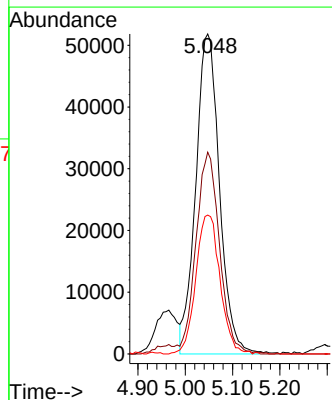
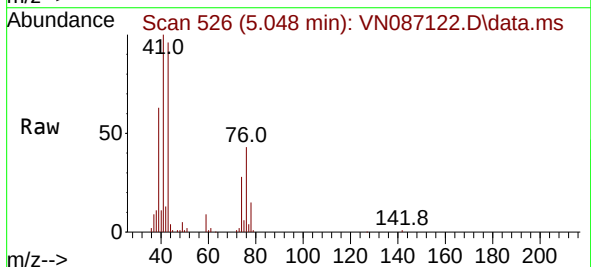
Manual Integrations
APPROVED

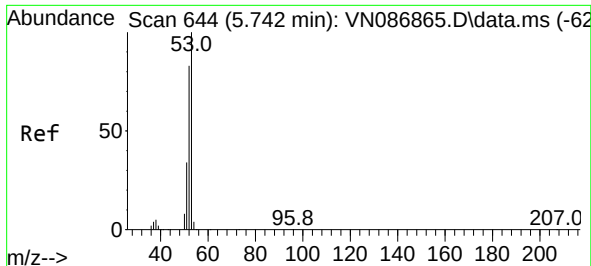
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#14
Allyl chloride
Concen: 48.089 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

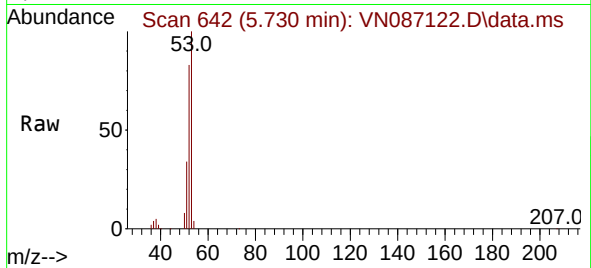
Tgt Ion: 41 Resp: 180754
Ion Ratio Lower Upper
41 100
39 62.9 51.3 76.9
76 44.3 31.4 47.0





#15
Acrylonitrile
Concen: 240.370 ug/l
RT: 5.730 min Scan# 644
Delta R.T. -0.012 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

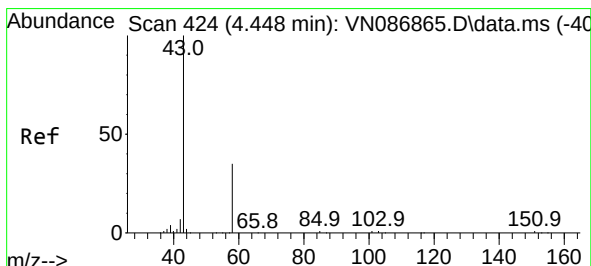
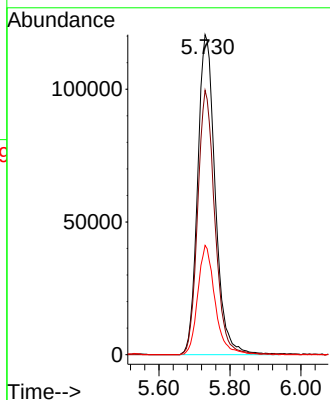
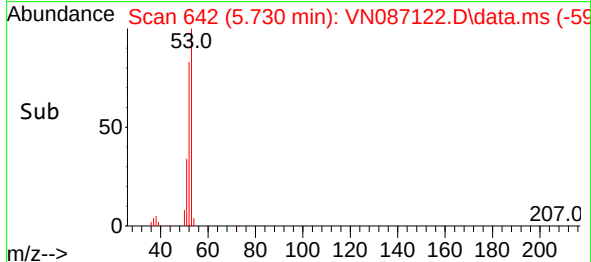
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 41562
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.6
51 33.6 27.2 40.8

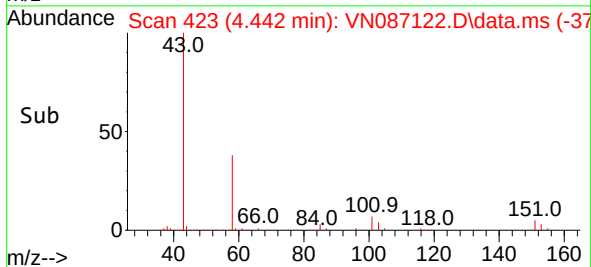
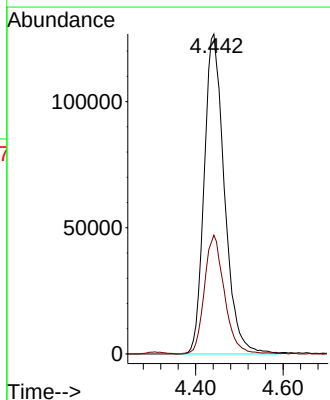
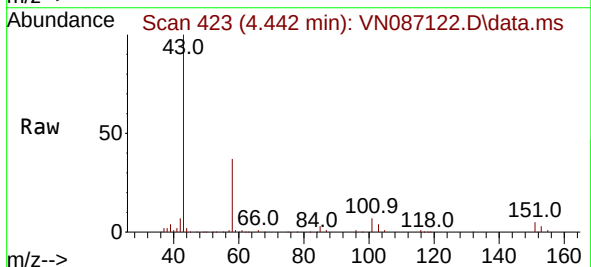
Manual Integrations
APPROVED

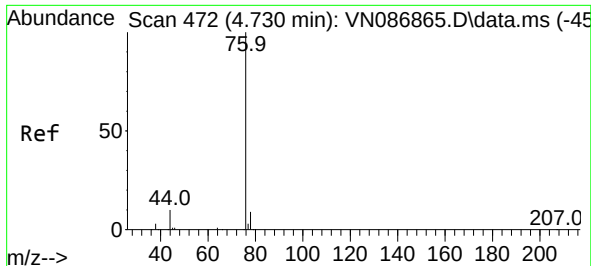
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#16
Acetone
Concen: 282.494 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

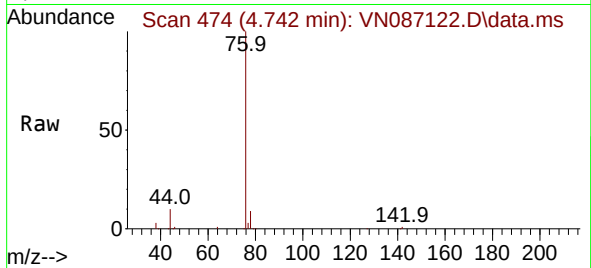
Tgt Ion: 43 Resp: 408428
Ion Ratio Lower Upper
43 100
58 37.1 28.0 42.0





#17
Carbon Disulfide
Concen: 56.375 ug/l
RT: 4.742 min Scan# 472
Delta R.T. 0.012 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

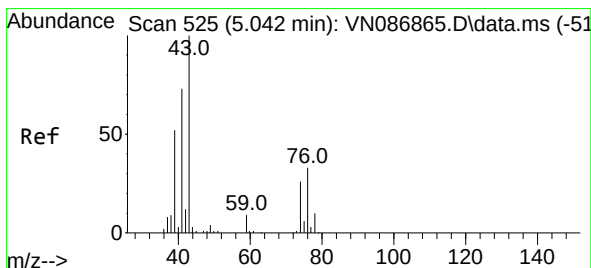
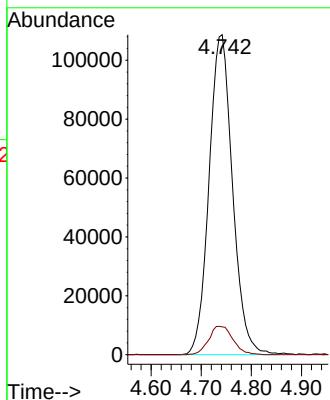
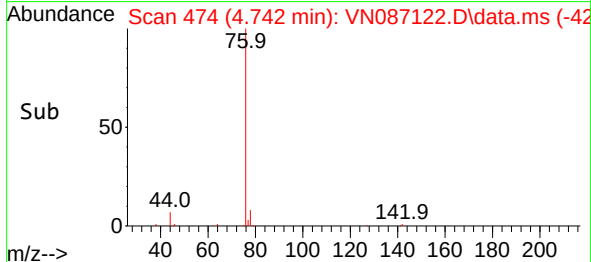
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 353424
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

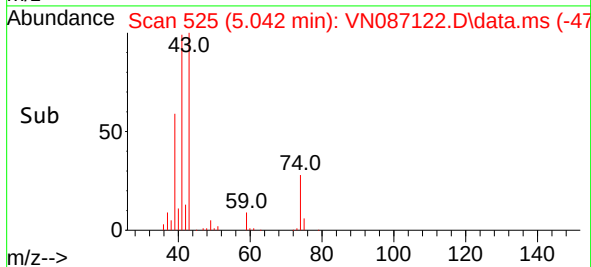
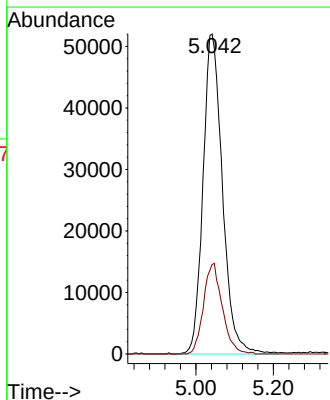
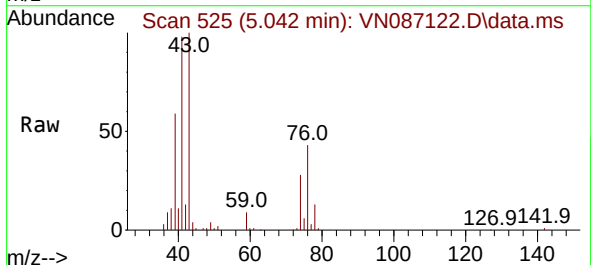
Manual Integrations
APPROVED

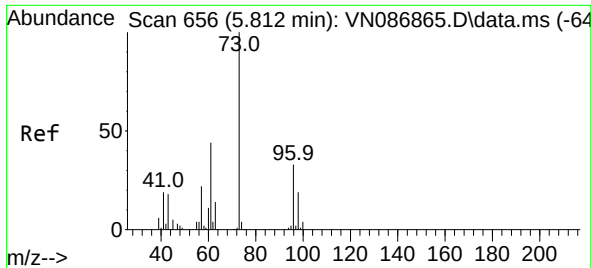
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#18
Methyl Acetate
Concen: 42.936 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

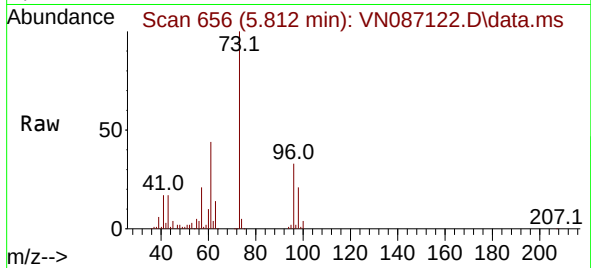
Tgt Ion: 43 Resp: 180902
Ion Ratio Lower Upper
43 100
74 27.3 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 52.117 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

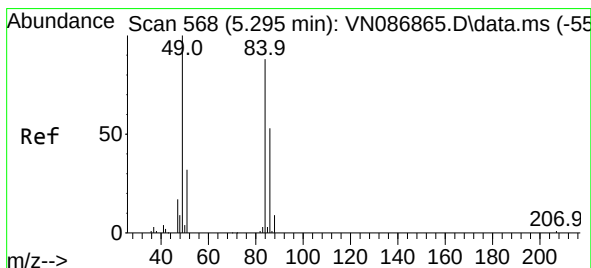
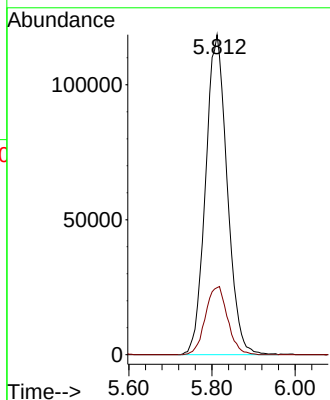
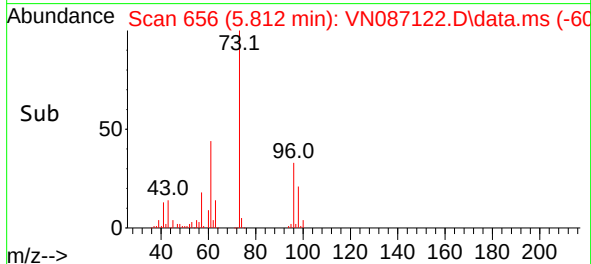
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 42768
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.2

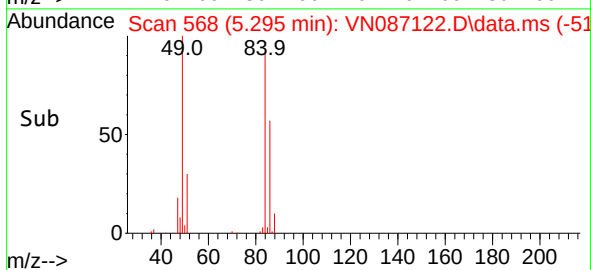
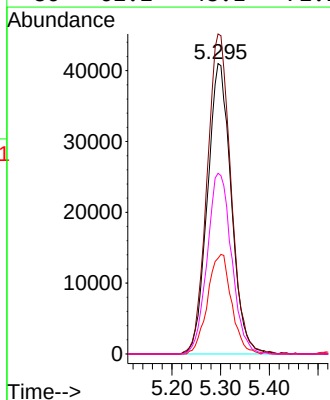
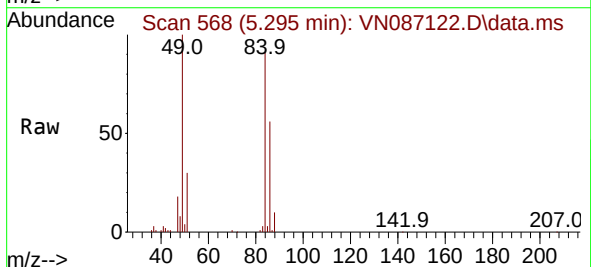
Manual Integrations
APPROVED

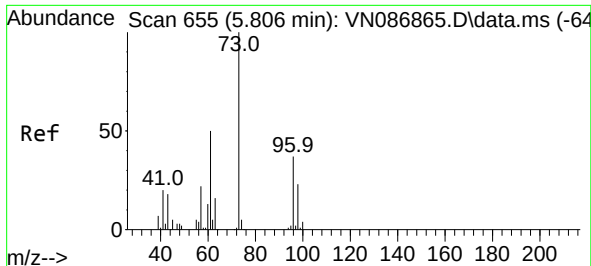
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#20
Methylene Chloride
Concen: 51.275 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

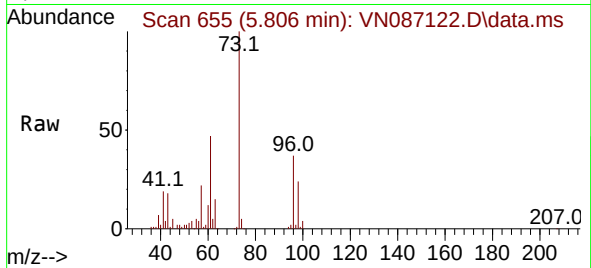
Tgt Ion: 84 Resp: 138790
Ion Ratio Lower Upper
84 100
49 110.2 90.5 135.7
51 33.0 28.5 42.7
86 62.2 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 53.308 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

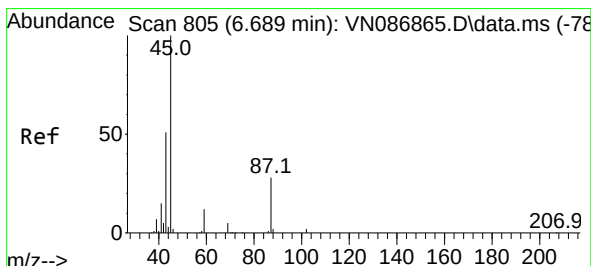
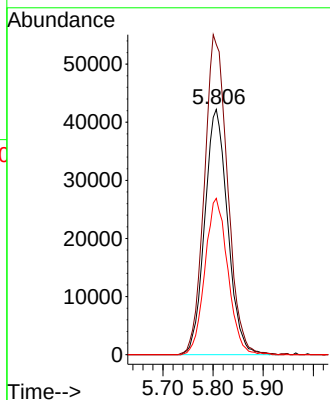
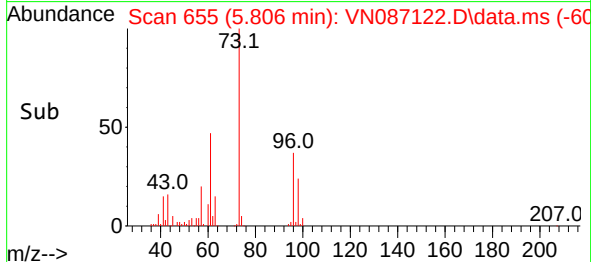
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 134420
Ion Ratio Lower Upper
96 100
61 126.4 109.2 163.8
98 63.7 49.8 74.8

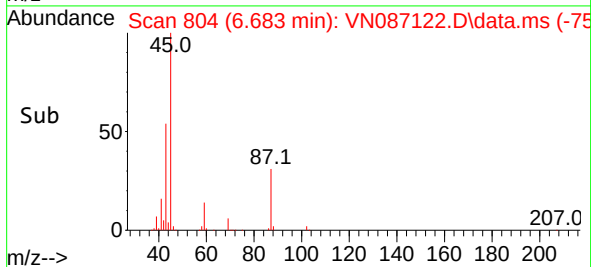
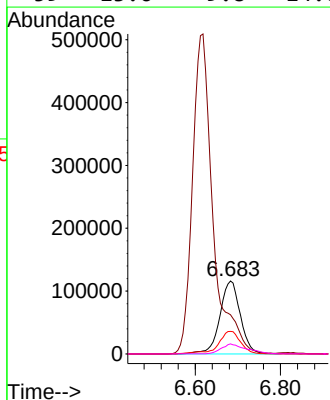
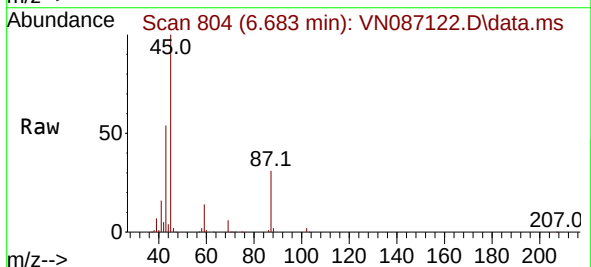
Manual Integrations
APPROVED

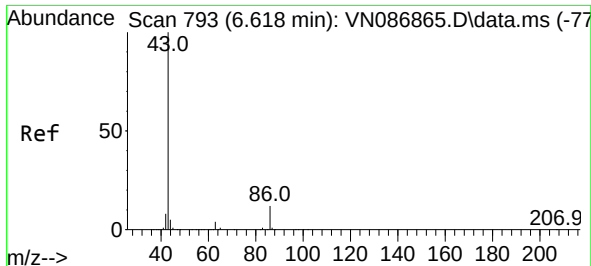
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#22
Diisopropyl ether
Concen: 48.918 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

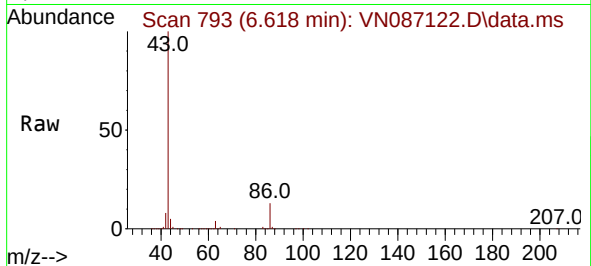
Tgt Ion: 45 Resp: 387584
Ion Ratio Lower Upper
45 100
43 52.4 41.9 62.9
87 30.7 22.4 33.6
59 13.6 9.8 14.6





#23
 Vinyl Acetate
 Concen: 253.532 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087122.D
 Acq: 20 Jun 2025 08:51

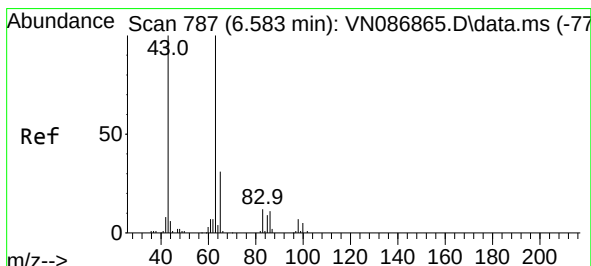
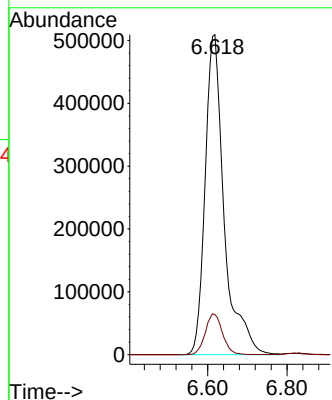
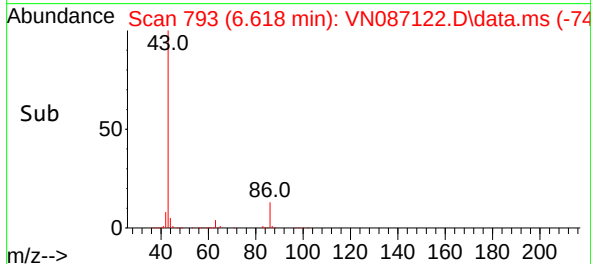
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



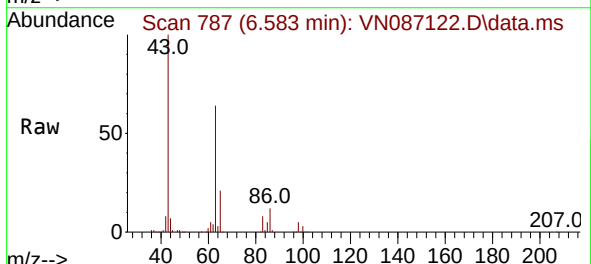
Tgt Ion: 43 Resp: 1697179
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.5 14.3

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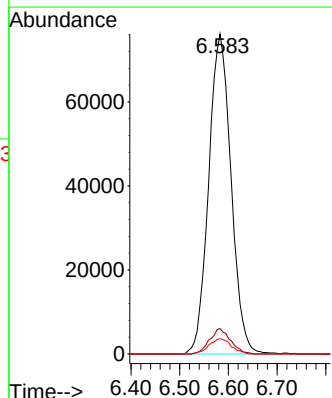
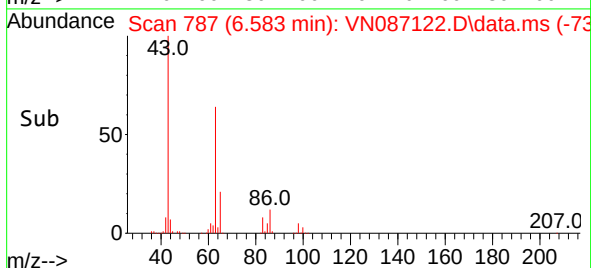
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025

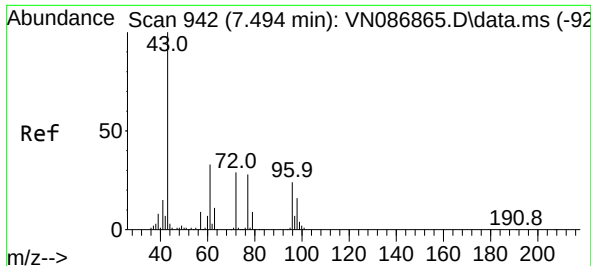


#24
 1,1-Dichloroethane
 Concen: 53.222 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087122.D
 Acq: 20 Jun 2025 08:51



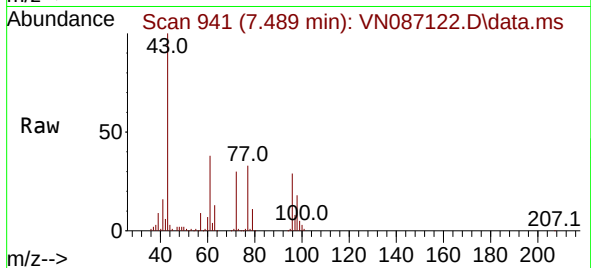
Tgt Ion: 63 Resp: 242668
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 4.8 2.6 7.8





#25
2-Butanone
Concen: 218.017 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

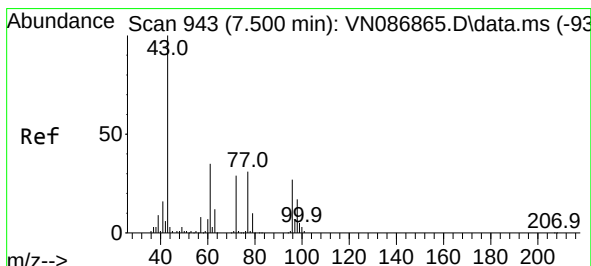
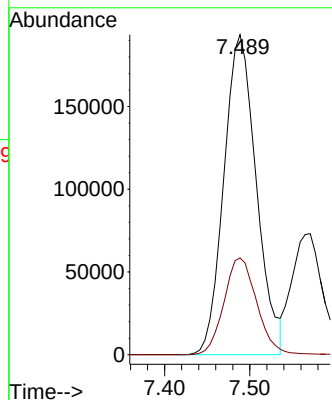
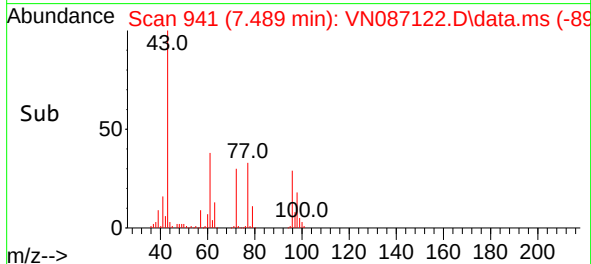
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 512360
Ion Ratio Lower Upper
43 100
72 30.2 23.0 34.6

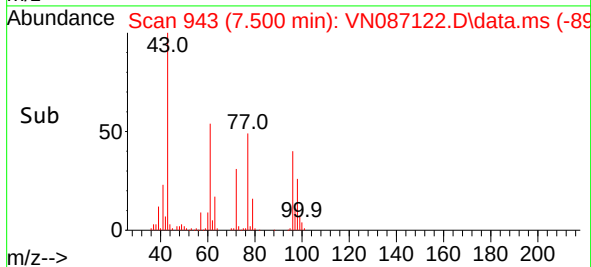
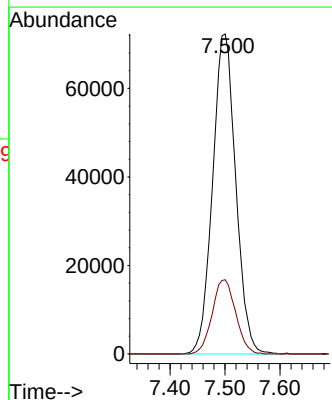
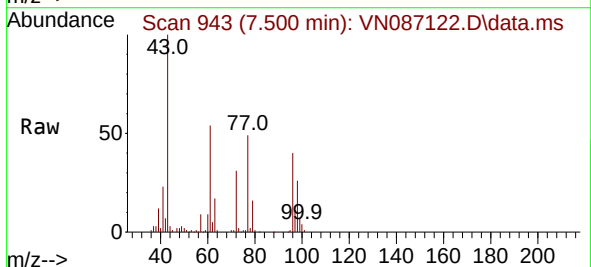
Manual Integrations
APPROVED

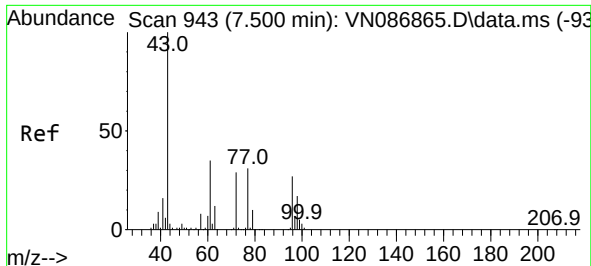
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#26
2,2-Dichloropropane
Concen: 59.608 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

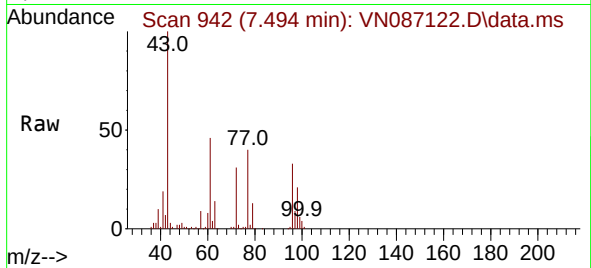
Tgt Ion: 77 Resp: 211417
Ion Ratio Lower Upper
77 100
97 23.5 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 53.300 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VN087122.D
 Acq: 20 Jun 2025 08:51

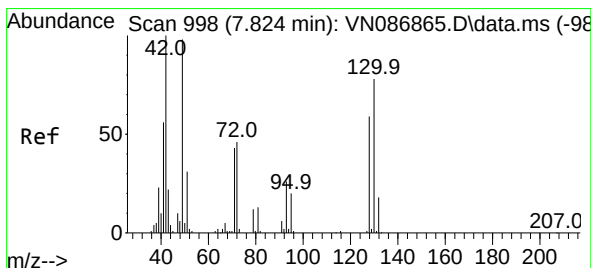
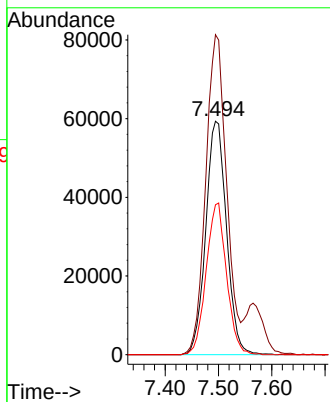
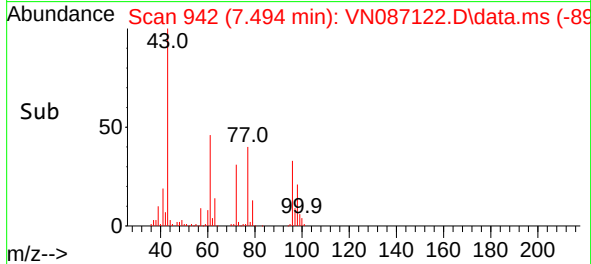
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 160735
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 278.0
 98 63.7 0.0 128.2

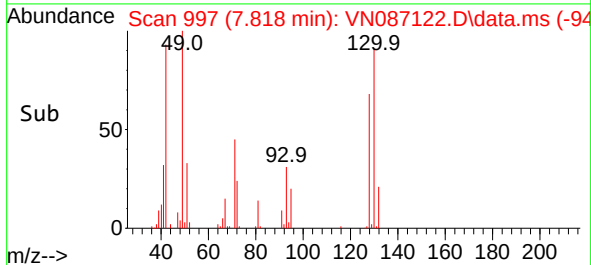
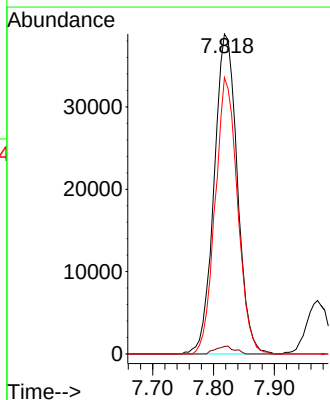
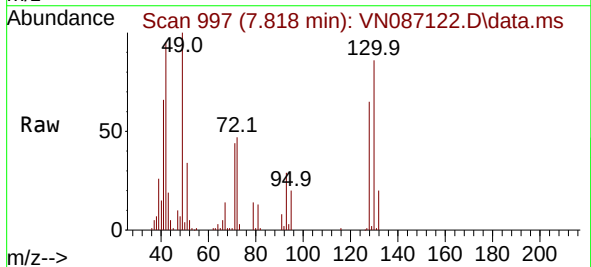
Manual Integrations
 APPROVED

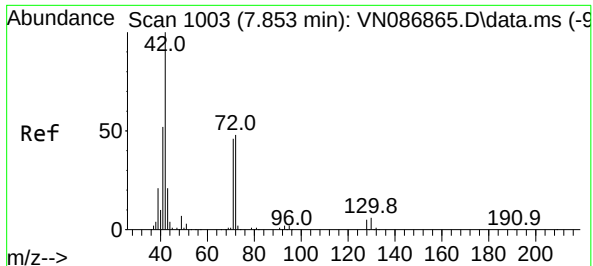
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#28
 Bromochloromethane
 Concen: 45.889 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN087122.D
 Acq: 20 Jun 2025 08:51

Tgt Ion: 49 Resp: 102876
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 83.3 62.2 93.2





#29

Tetrahydrofuran

Concen: 221.039 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

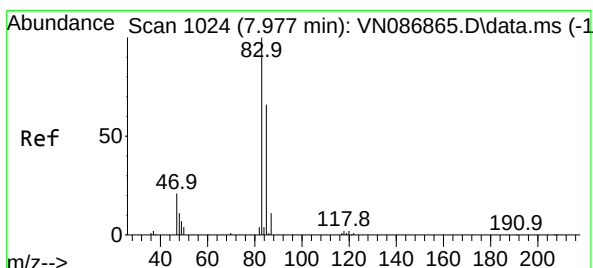
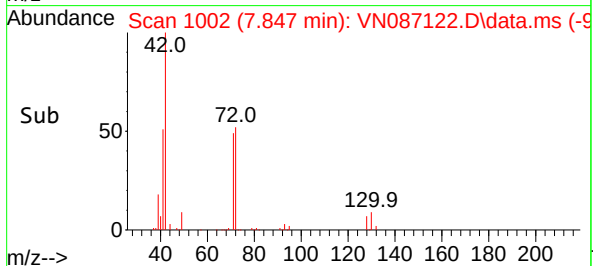
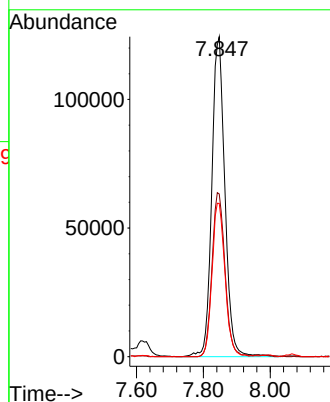
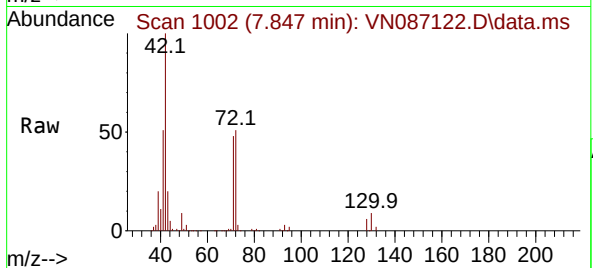
Tgt Ion:	42	Resp:	338392
Ion Ratio	Lower	Upper	
42	100		
72	50.9	37.8	56.6
71	47.5	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#30

Chloroform

Concen: 51.917 ug/l

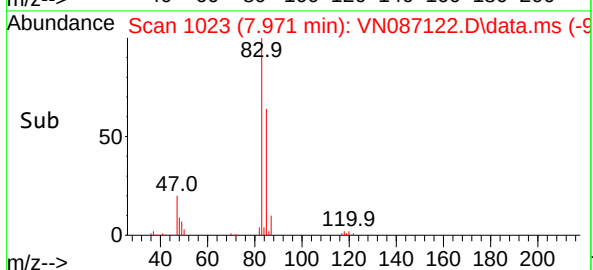
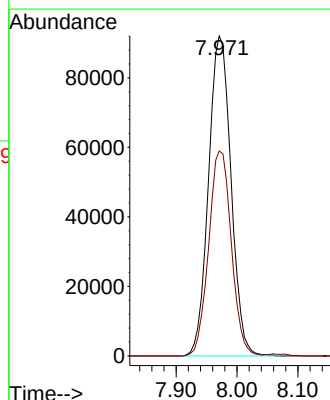
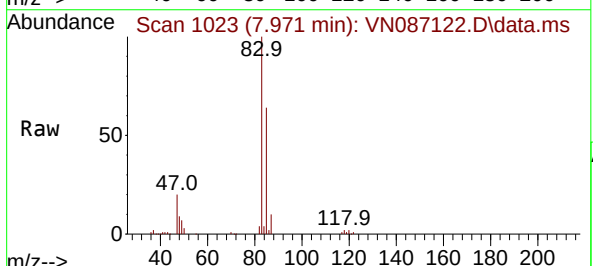
RT: 7.971 min Scan# 1023

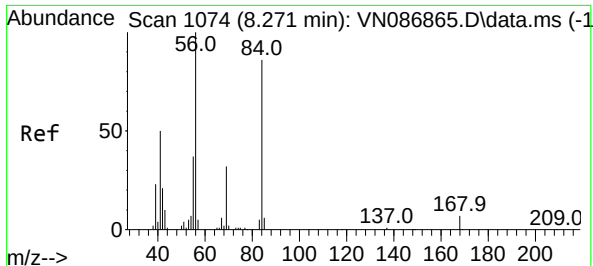
Delta R.T. -0.006 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

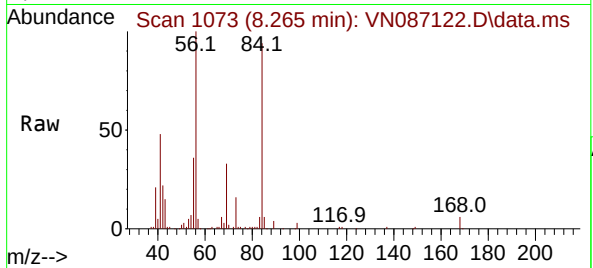
Tgt Ion:	83	Resp:	236403
Ion Ratio	Lower	Upper	
83	100		
85	64.1	52.9	79.3





#31
Cyclohexane
Concen: 47.807 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

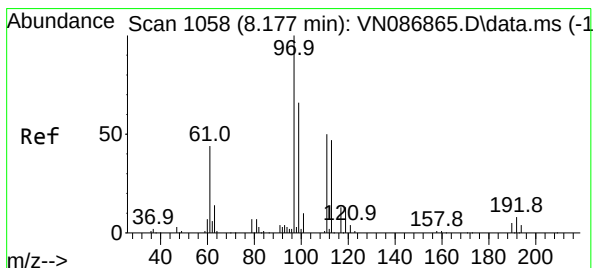
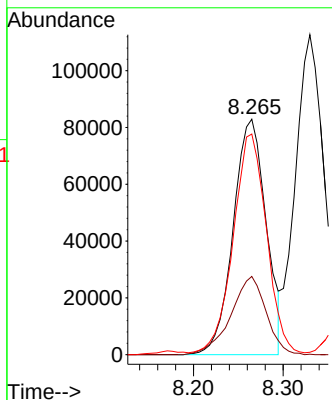
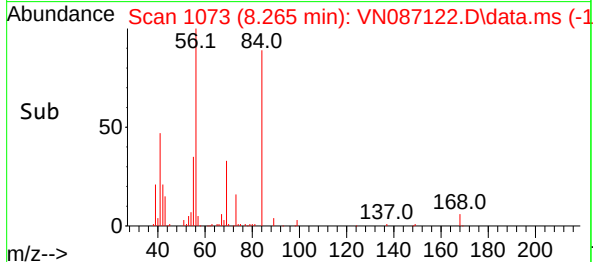
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 21139
Ion Ratio Lower Upper
56 100
69 33.2 25.4 38.0
84 92.6 68.8 103.2

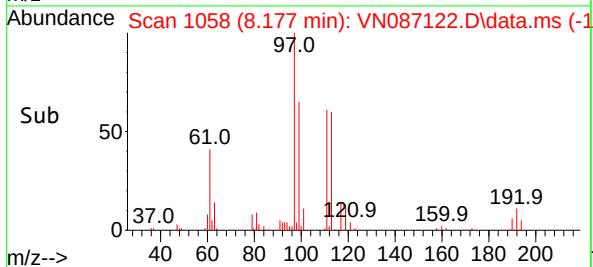
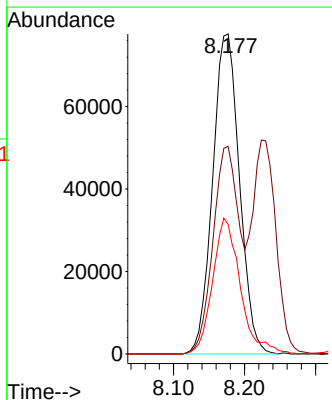
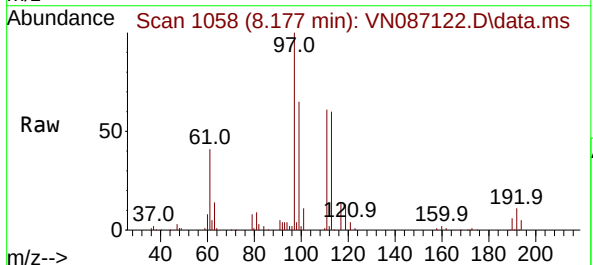
Manual Integrations
APPROVED

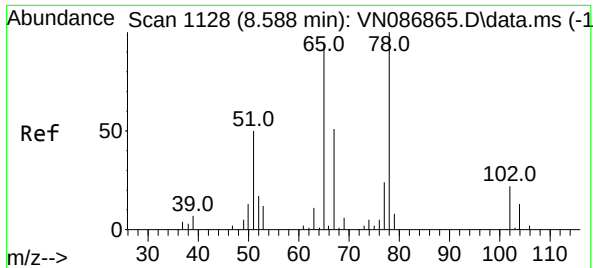
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#32
1,1,1-Trichloroethane
Concen: 52.457 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Tgt Ion: 97 Resp: 203156
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 43.8 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 49.683 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion: 65 Resp: 13545

Ion Ratio Lower Upper

65 100

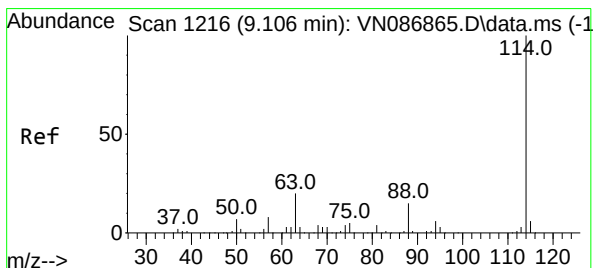
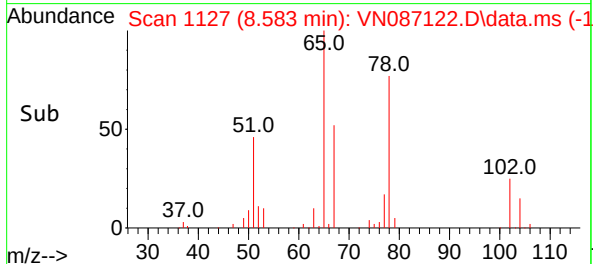
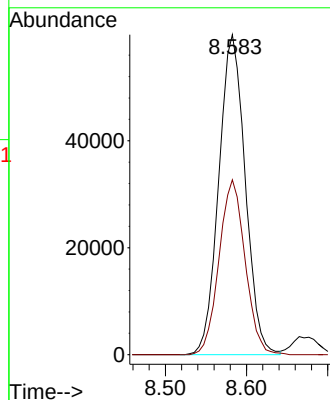
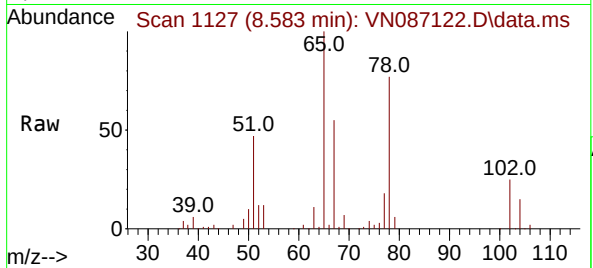
67 53.8 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

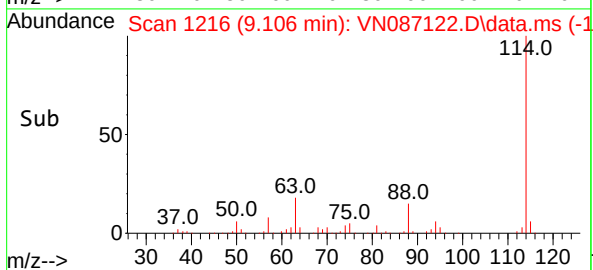
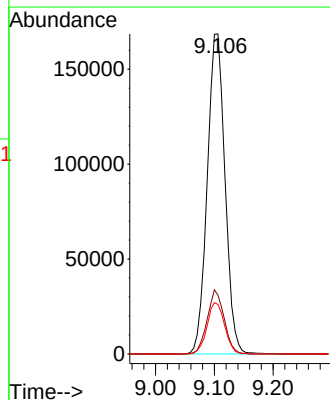
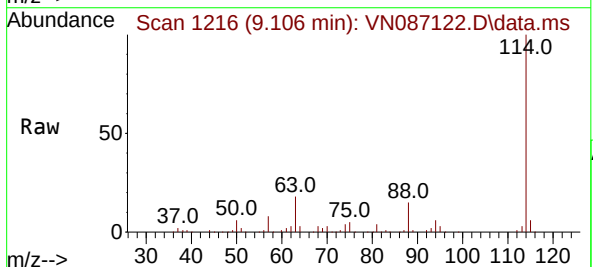
Tgt Ion:114 Resp: 354629

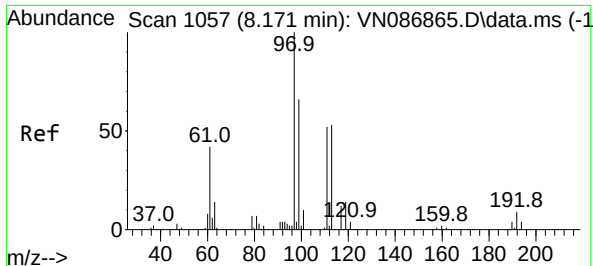
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 56.197 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 118104

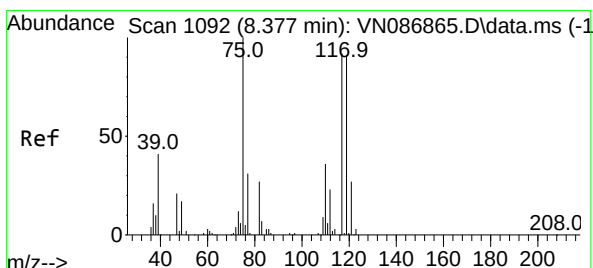
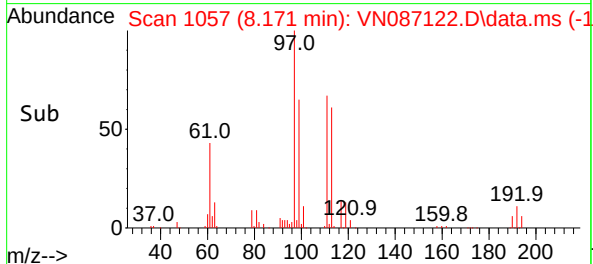
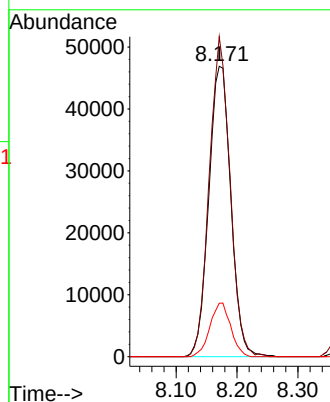
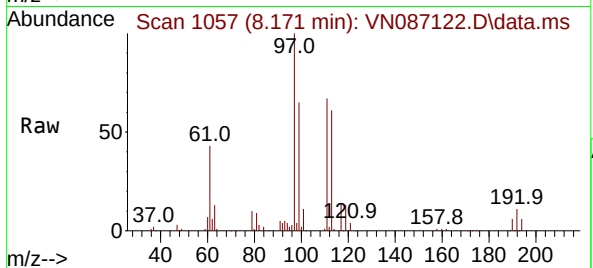
Ion	Ratio	Lower	Upper
113	100		
111	103.5	84.2	126.2
192	17.4	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#36

1,1-Dichloropropene

Concen: 56.142 ug/l

RT: 8.377 min Scan# 1092

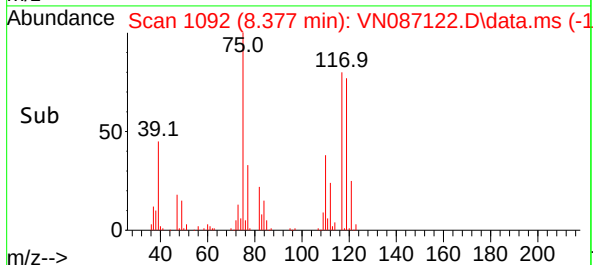
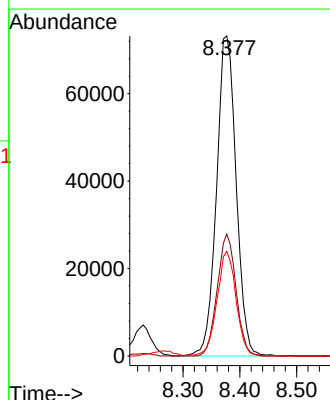
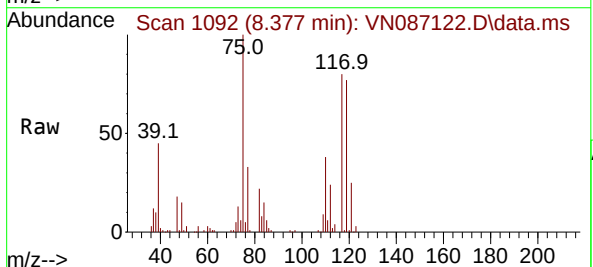
Delta R.T. -0.000 min

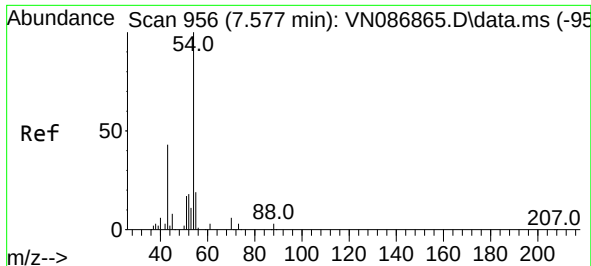
Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Tgt Ion: 75 Resp: 175815

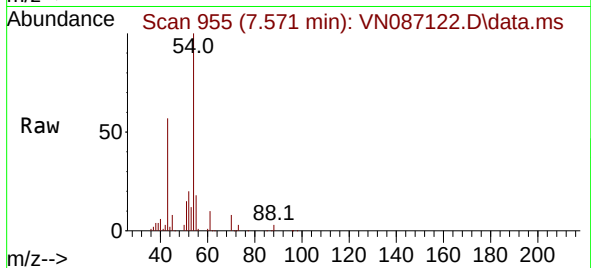
Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.6	52.9
77	31.8	25.3	37.9





#37
Ethyl Acetate
Concen: 48.439 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

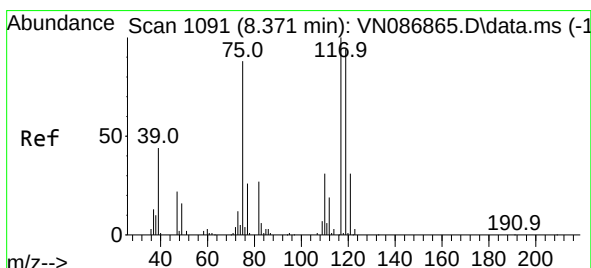
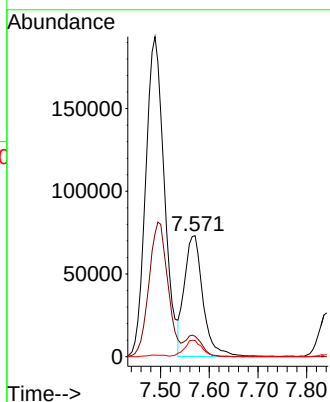
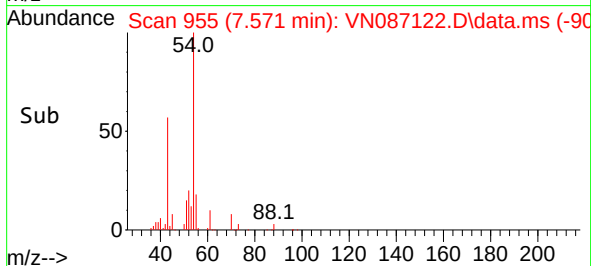
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 193100
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 13.1 9.8 14.6

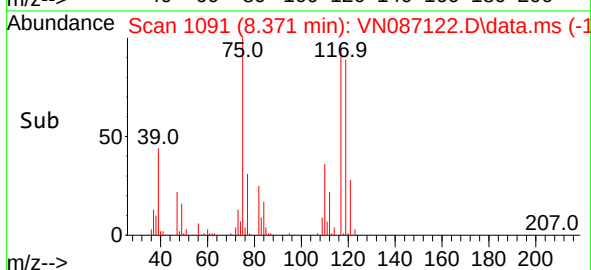
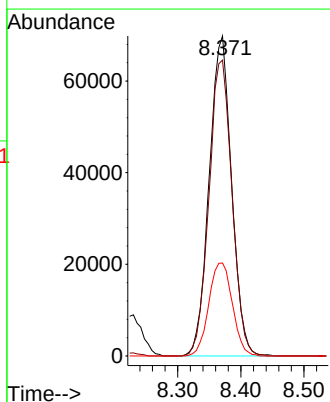
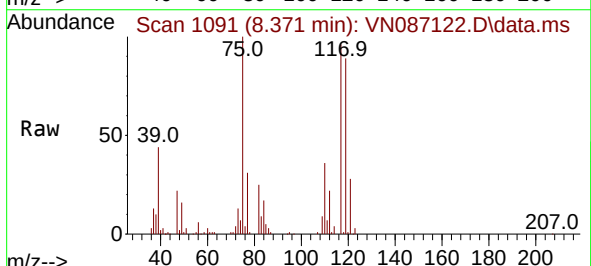
Manual Integrations
APPROVED

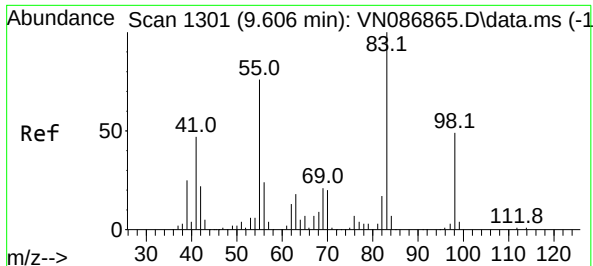
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#38
Carbon Tetrachloride
Concen: 55.903 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Tgt Ion:117 Resp: 171875
Ion Ratio Lower Upper
117 100
119 92.4 75.0 112.6
121 29.0 24.9 37.3





#39

Methylcyclohexane

Concen: 49.299 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 211514

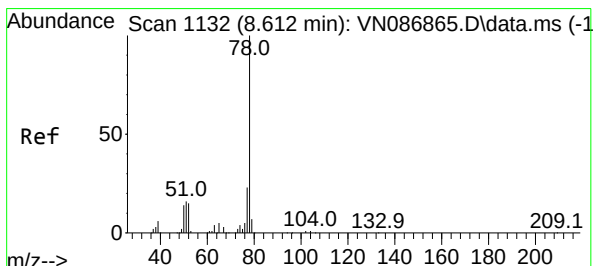
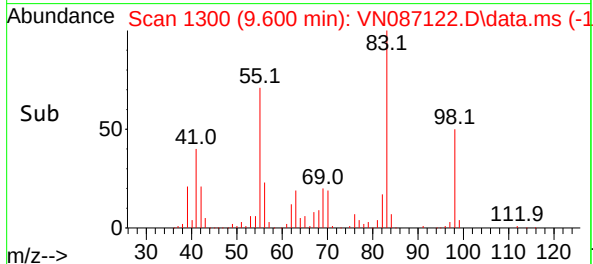
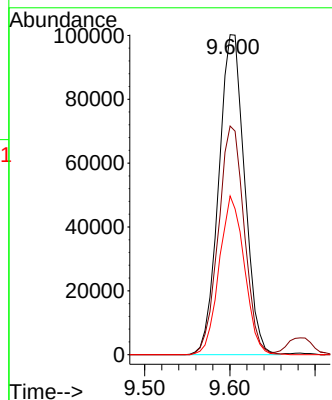
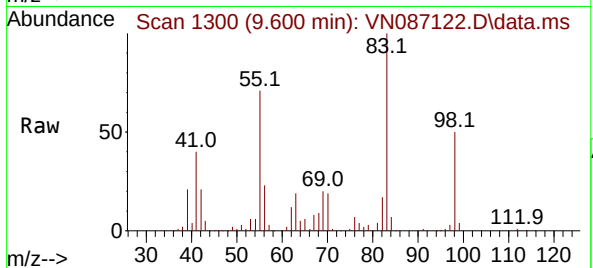
Ion	Ratio	Lower	Upper
83	100		
55	71.5	61.0	91.6
98	49.6	38.9	58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#40

Benzene

Concen: 54.015 ug/l

RT: 8.612 min Scan# 1132

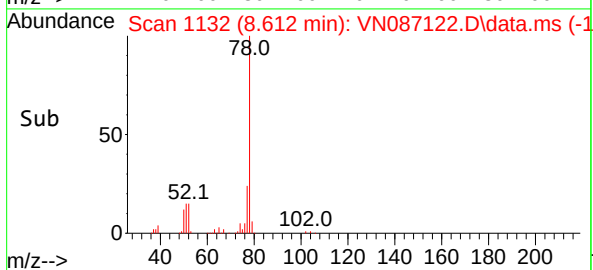
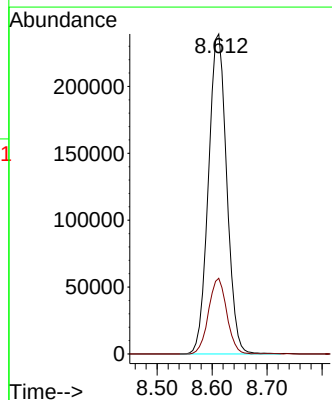
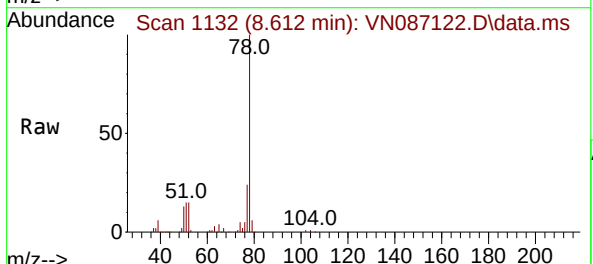
Delta R.T. -0.000 min

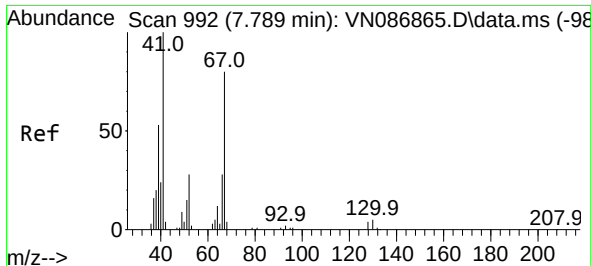
Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Tgt Ion: 78 Resp: 553142

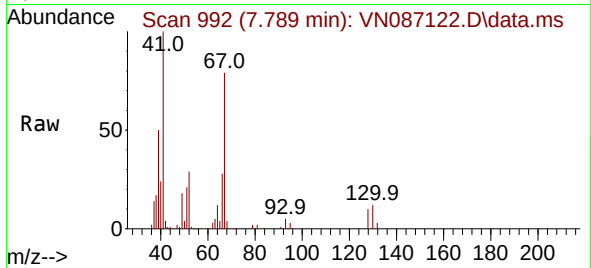
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





#41
Methacrylonitrile
Concen: 48.406 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

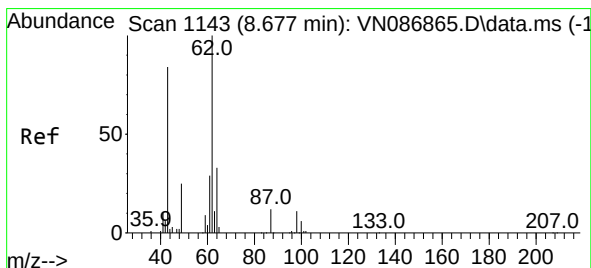
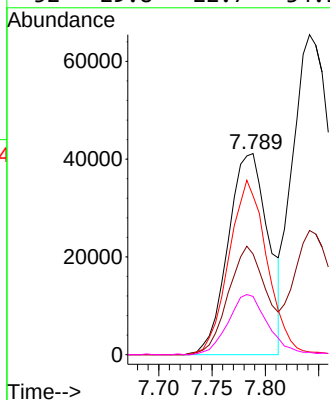
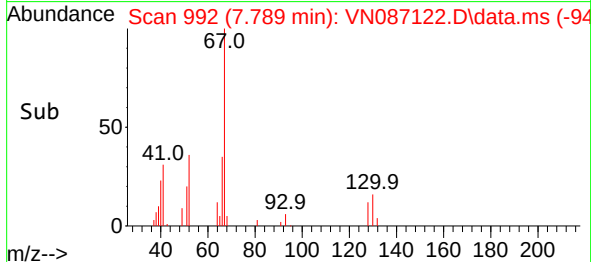
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 108370
Ion Ratio Lower Upper
41 100
39 51.0 41.2 61.8
67 82.8 61.4 92.2
52 29.8 22.7 34.1

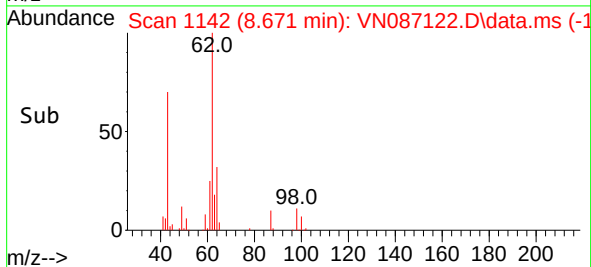
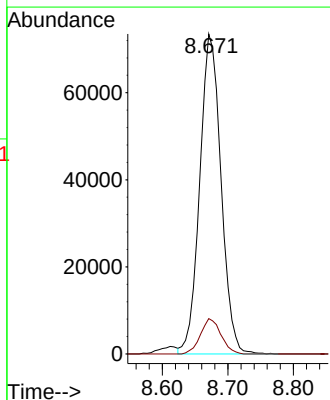
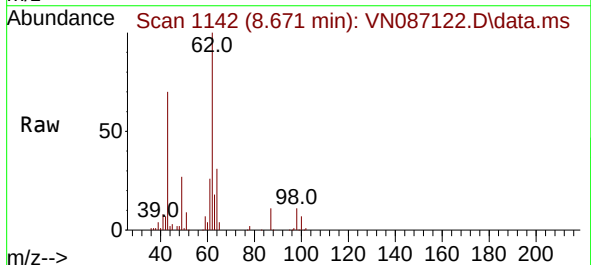
Manual Integrations
APPROVED

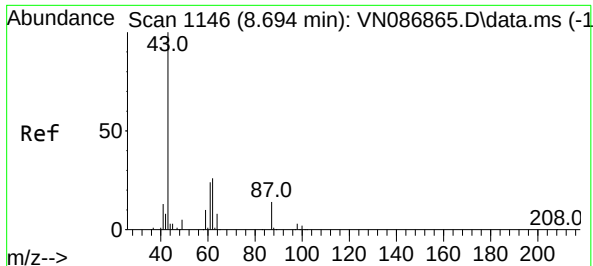
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#42
1,2-Dichloroethane
Concen: 53.445 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

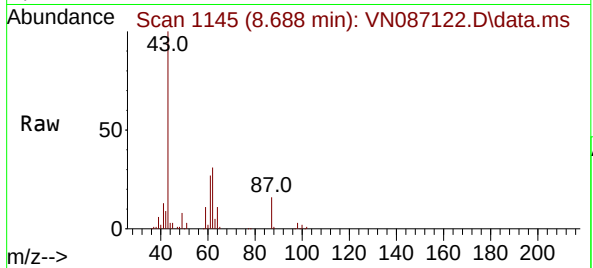
Tgt Ion: 62 Resp: 166002
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.2





#43
Isopropyl Acetate
Concen: 47.274 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

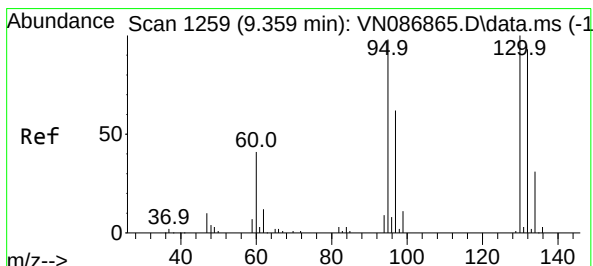
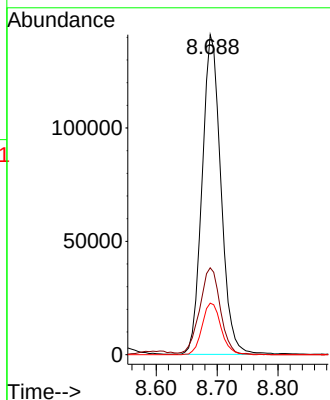
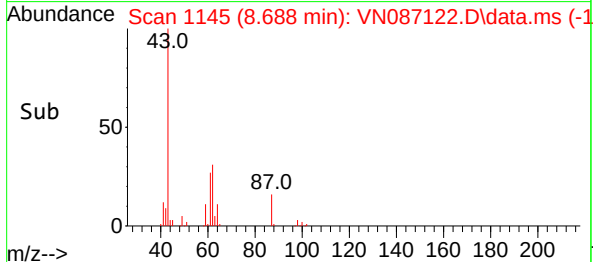
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 30248
Ion Ratio Lower Upper
43 100
61 30.1 22.1 33.1
87 16.2 11.8 17.6

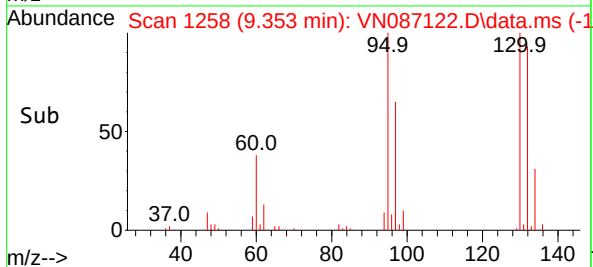
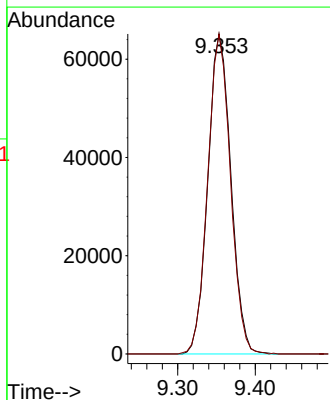
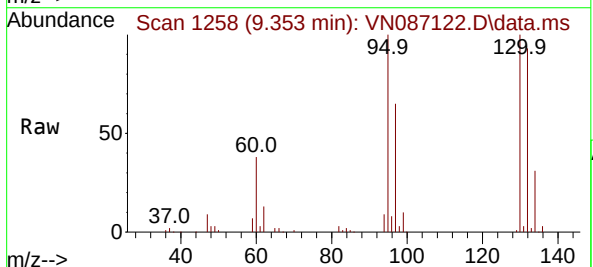
Manual Integrations
APPROVED

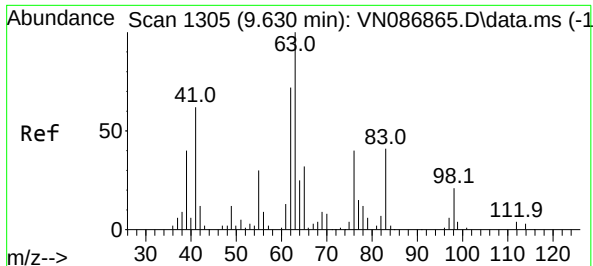
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#44
Trichloroethene
Concen: 55.512 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Tgt Ion:130 Resp: 134794
Ion Ratio Lower Upper
130 100
95 99.9 0.0 196.2





#45

1,2-Dichloropropane

Concen: 54.250 ug/l

RT: 9.624 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 135150

Ion Ratio Lower Upper

63 100

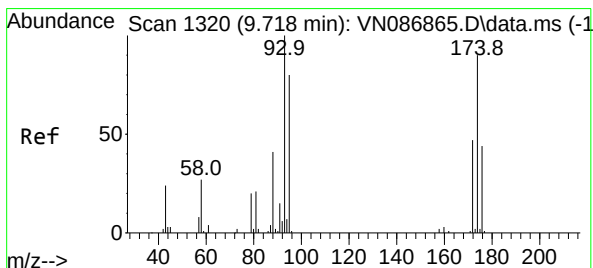
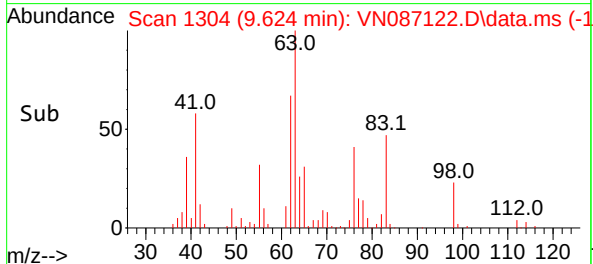
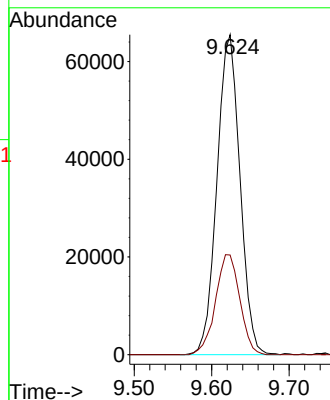
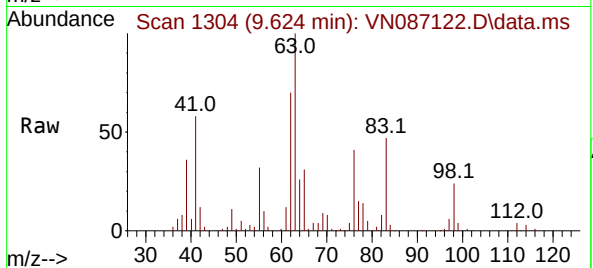
65 31.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#46

Dibromomethane

Concen: 56.502 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.012 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

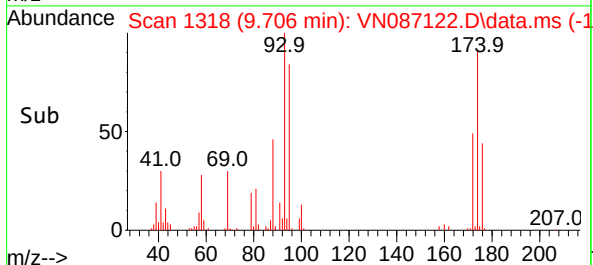
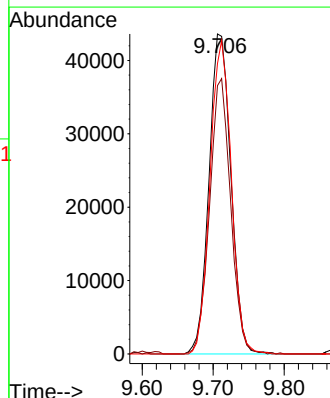
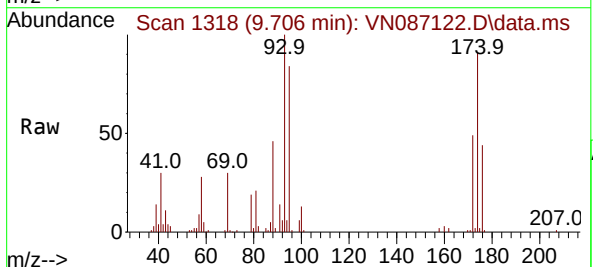
Tgt Ion: 93 Resp: 93500

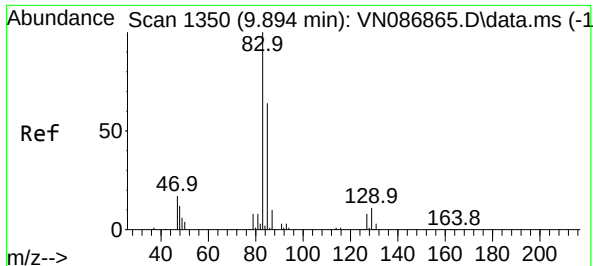
Ion Ratio Lower Upper

93 100

95 82.8 67.1 100.7

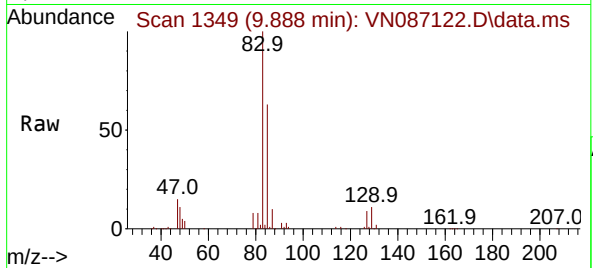
174 95.0 74.2 111.4





#47
Bromodichloromethane
Concen: 54.389 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

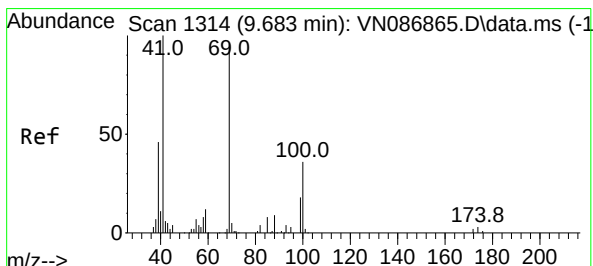
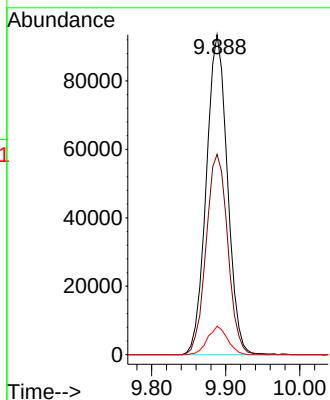
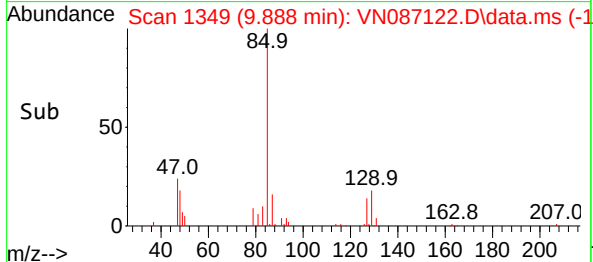
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 185179
Ion Ratio Lower Upper
83 100
85 62.6 50.9 76.3
127 8.9 6.6 10.0

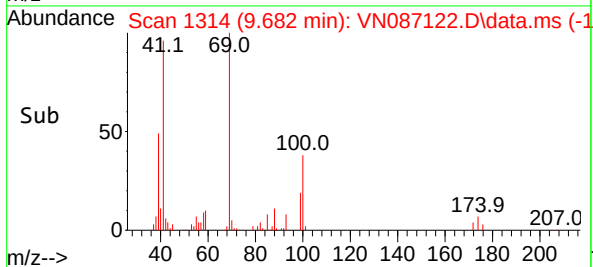
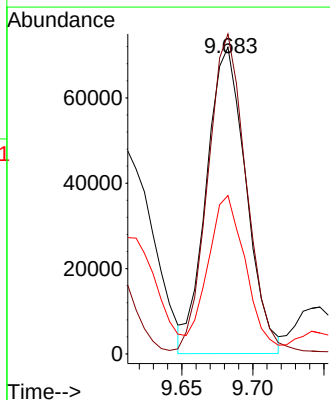
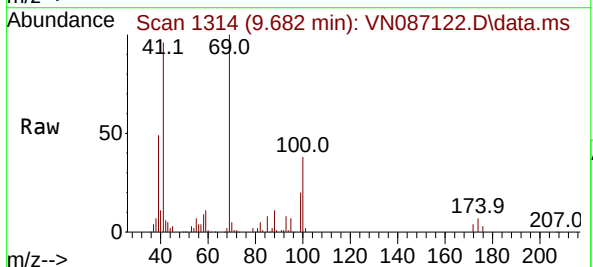
Manual Integrations
APPROVED

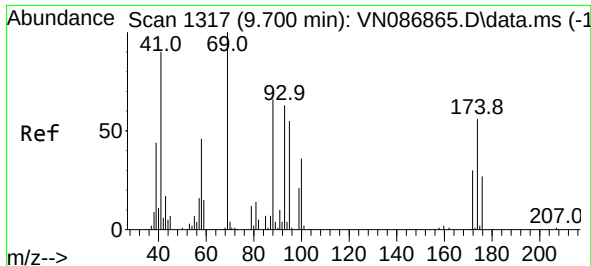
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#48
Methyl methacrylate
Concen: 47.285 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Tgt Ion: 41 Resp: 139254
Ion Ratio Lower Upper
41 100
69 101.3 74.6 112.0
39 49.8 40.2 60.4





#49

1,4-Dioxane

Concen: 911.870 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

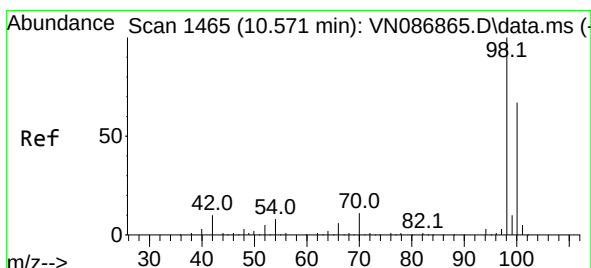
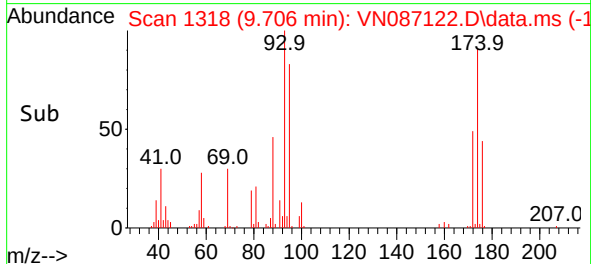
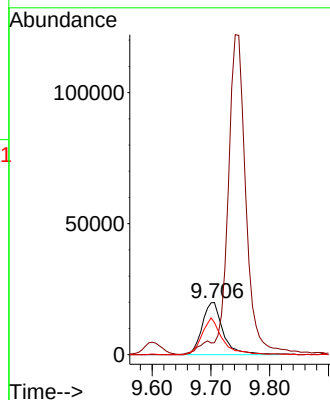
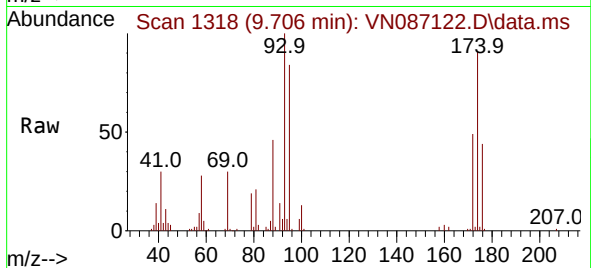
Tgt Ion: 88 Resp: 48854
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 68.7 57.7 86.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#50

Toluene-d8

Concen: 51.850 ug/l

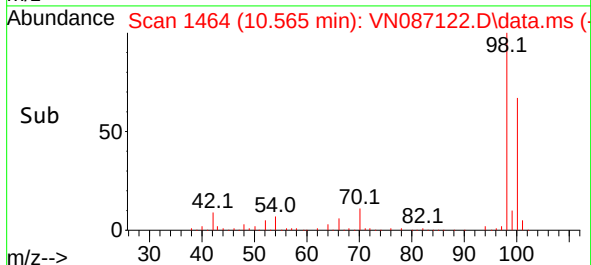
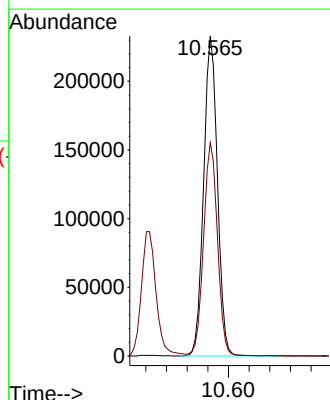
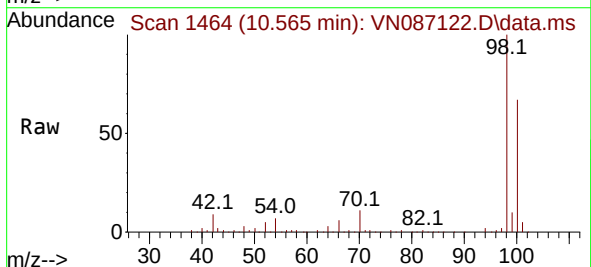
RT: 10.565 min Scan# 1464

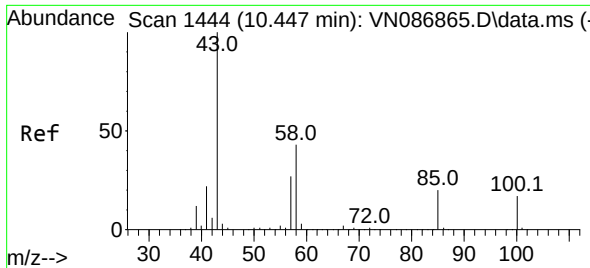
Delta R.T. -0.006 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

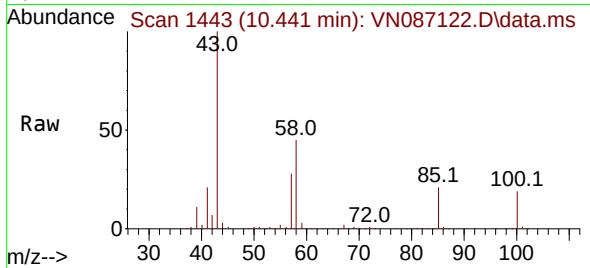
Tgt Ion: 98 Resp: 431376
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 240.636 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

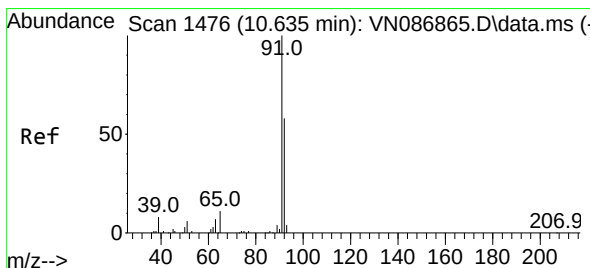
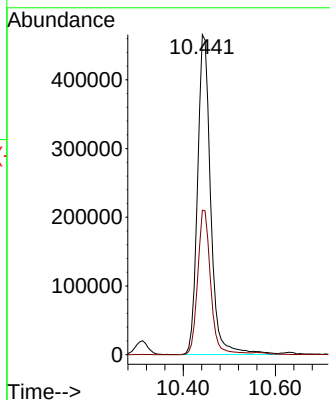
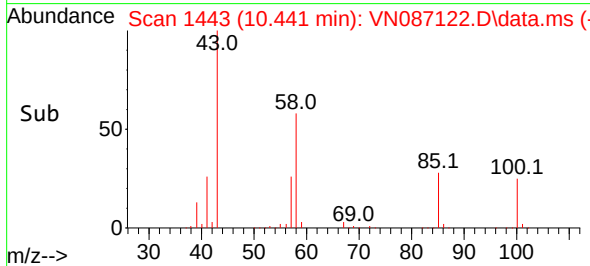
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



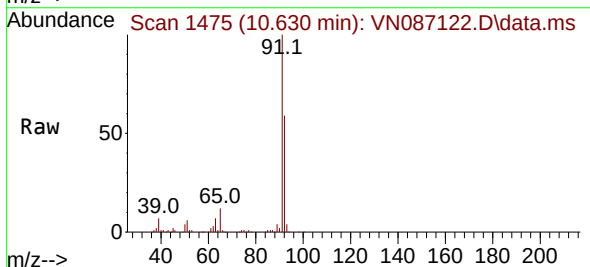
Tgt Ion: 43 Resp: 92691
Ion Ratio Lower Upper
43 100
58 44.7 34.2 51.4

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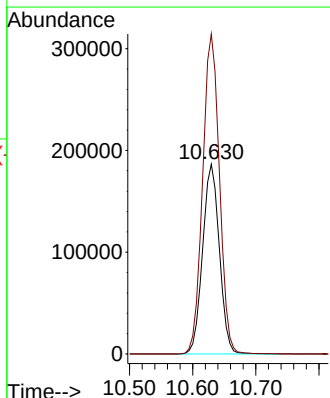
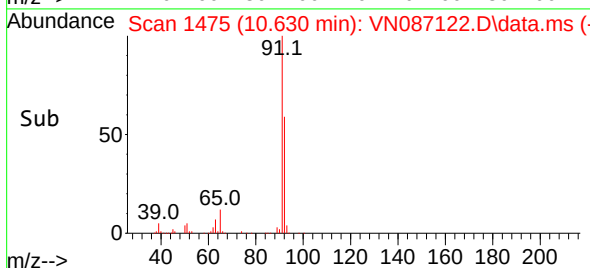
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

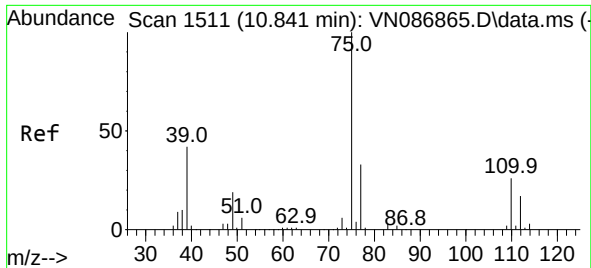


#52
Toluene
Concen: 54.842 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51



Tgt Ion: 92 Resp: 343217
Ion Ratio Lower Upper
92 100
91 169.7 136.5 204.7





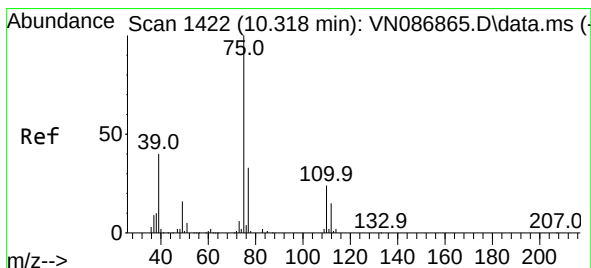
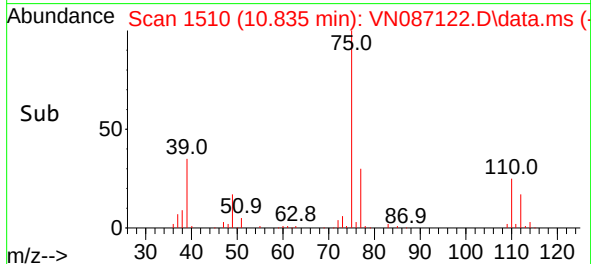
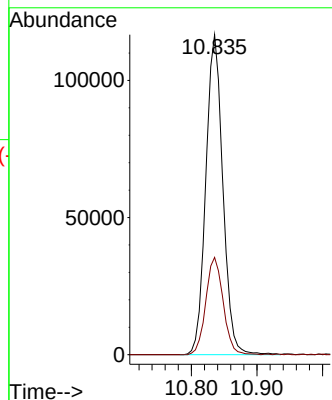
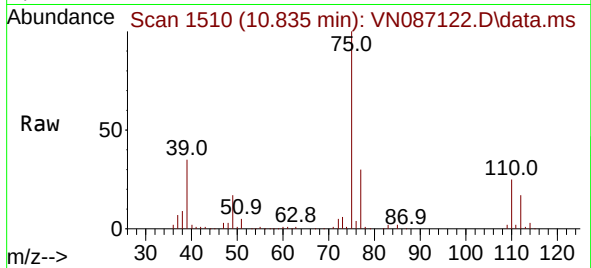
#53
 t-1,3-Dichloropropene
 Concen: 55.378 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN087122.D
 Acq: 20 Jun 2025 08:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 21083
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.4 39.6

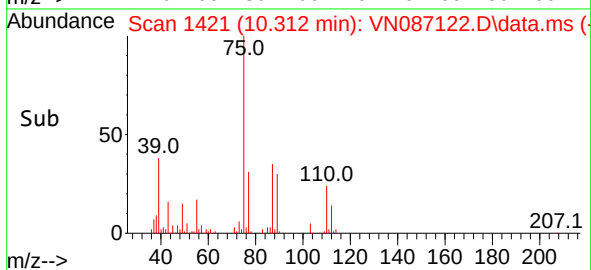
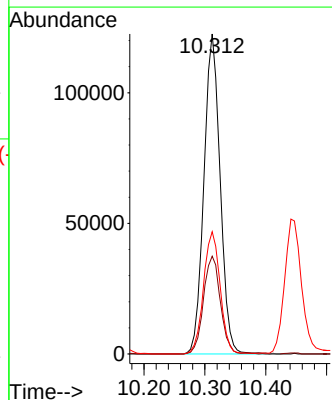
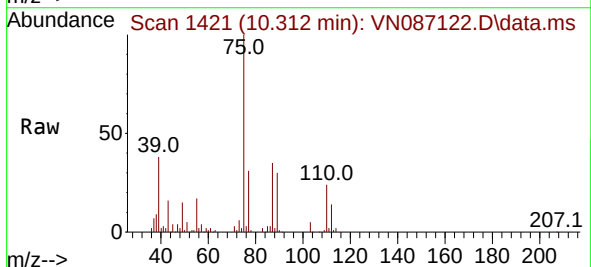
Manual Integrations
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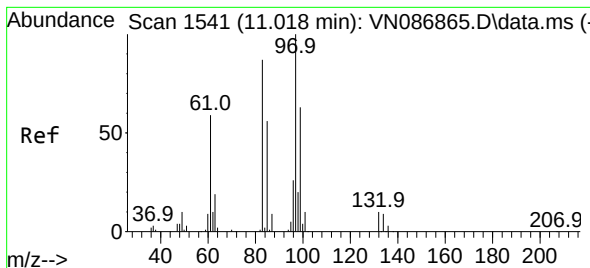
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#54
 cis-1,3-Dichloropropene
 Concen: 55.780 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN087122.D
 Acq: 20 Jun 2025 08:51

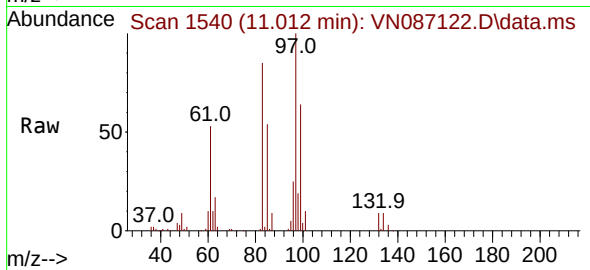
Tgt Ion: 75 Resp: 227221
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.2 39.4
 39 38.2 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 53.766 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

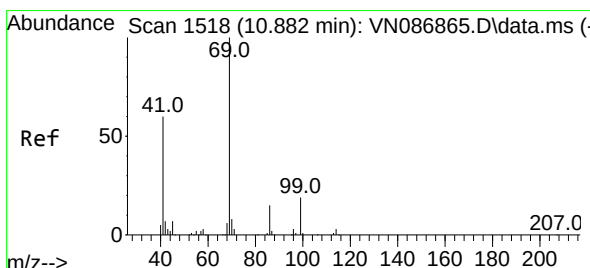
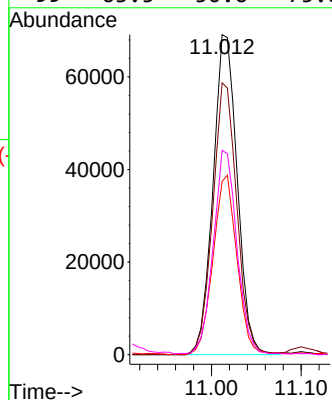
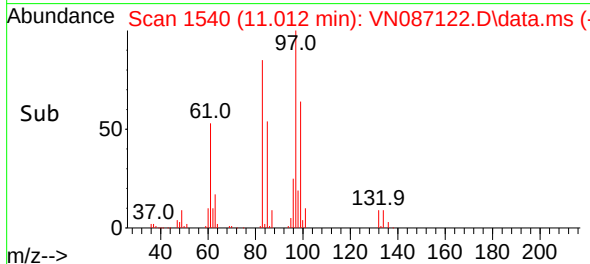
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 12947
Ion Ratio Lower Upper
97 100
83 85.0 69.7 104.5
85 54.1 45.1 67.7
99 63.5 50.6 75.8

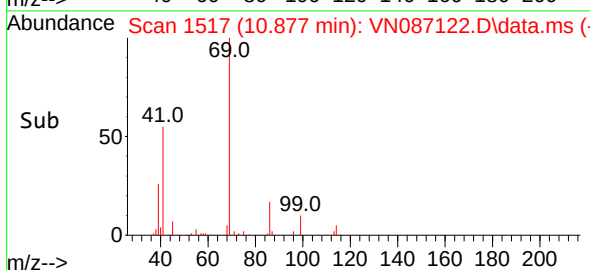
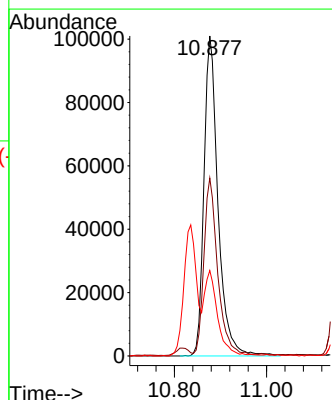
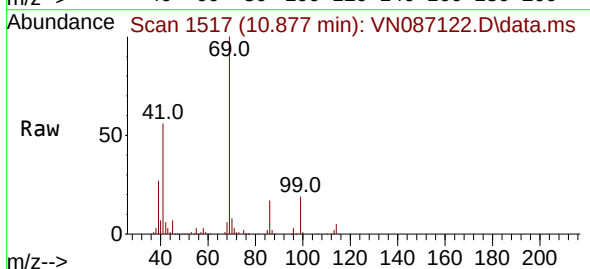
Manual Integrations
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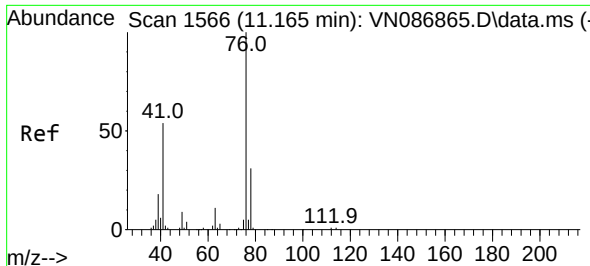
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#56
Ethyl methacrylate
Concen: 56.118 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Tgt Ion: 69 Resp: 215240
Ion Ratio Lower Upper
69 100
41 53.5 47.2 70.8
39 24.2 23.0 34.6





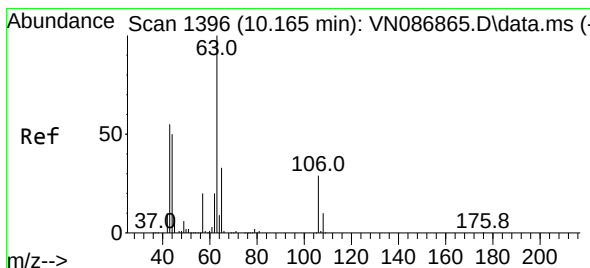
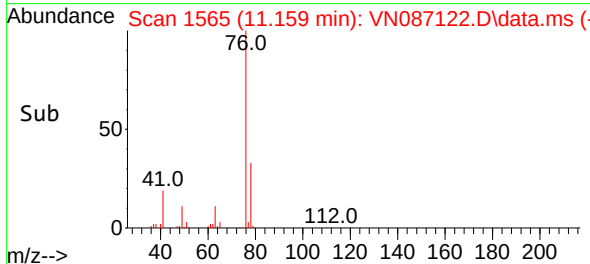
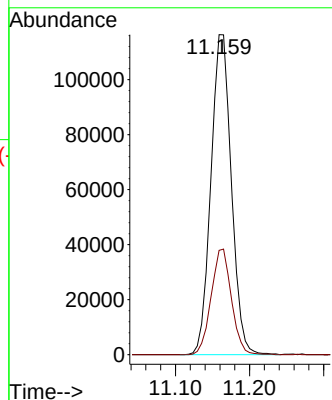
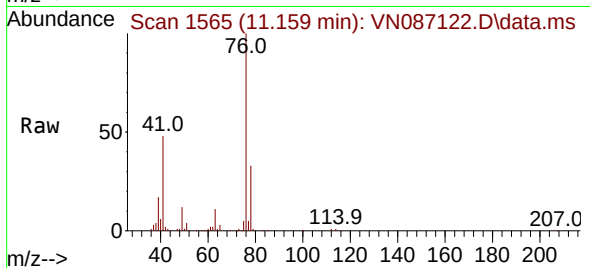
#57
1,3-Dichloropropane
Concen: 53.346 ug/l
RT: 11.159 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 222840
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9

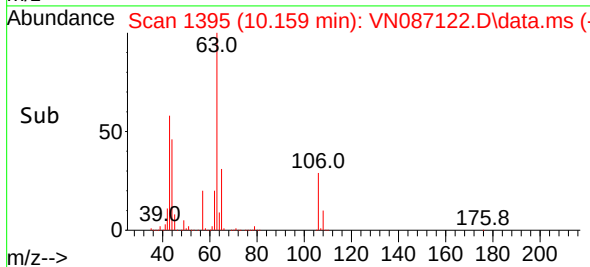
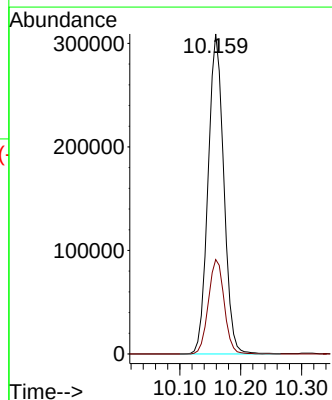
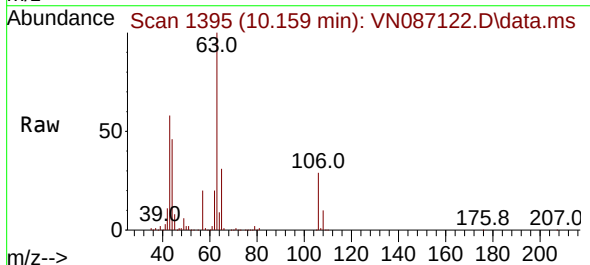
Manual Integrations
APPROVED

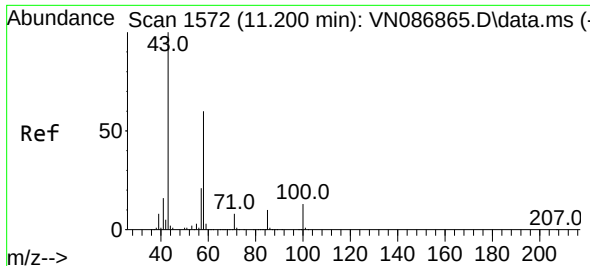
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#58
2-Chloroethyl Vinyl ether
Concen: 241.912 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Tgt Ion: 63 Resp: 553411
Ion Ratio Lower Upper
63 100
106 29.7 23.0 34.6





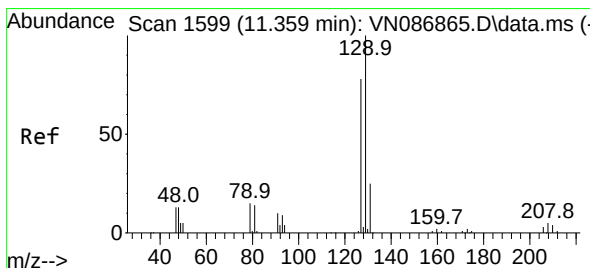
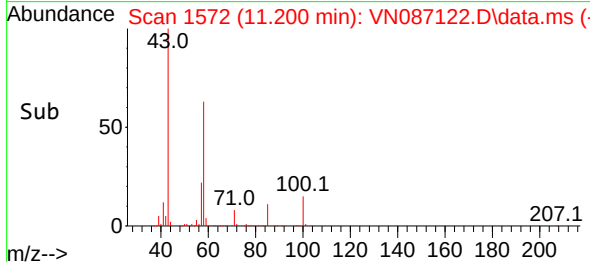
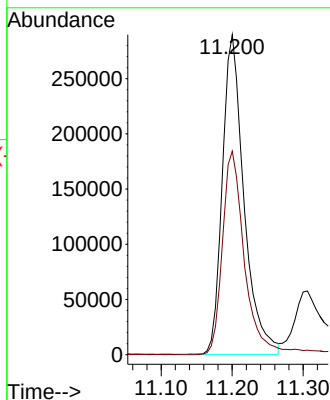
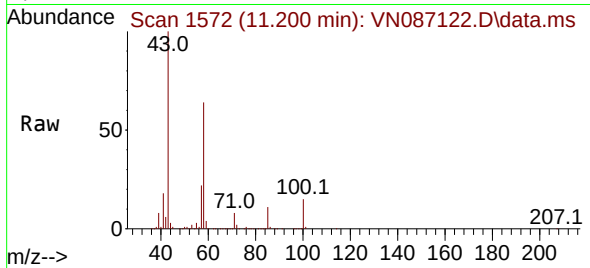
#59
2-Hexanone
Concen: 246.480 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 61155
Ion Ratio Lower Upper
43 100
58 67.3 30.4 91.3

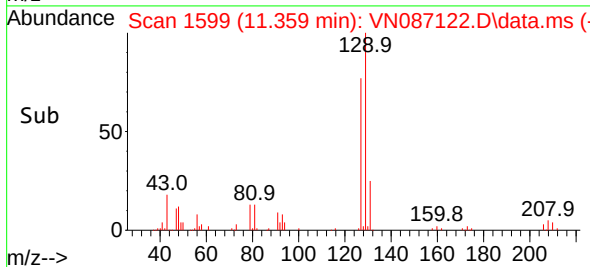
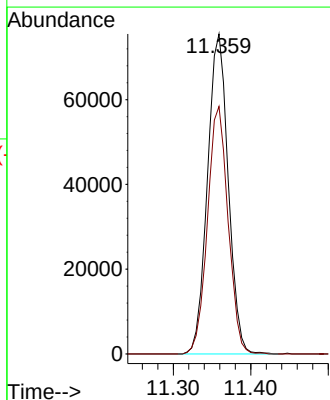
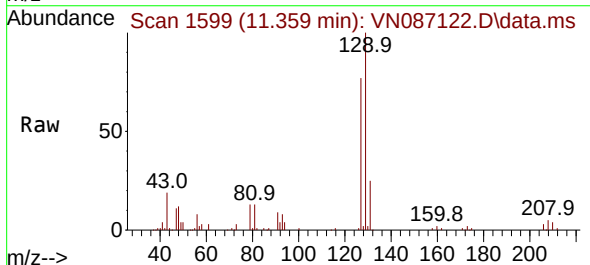
Manual Integrations
APPROVED

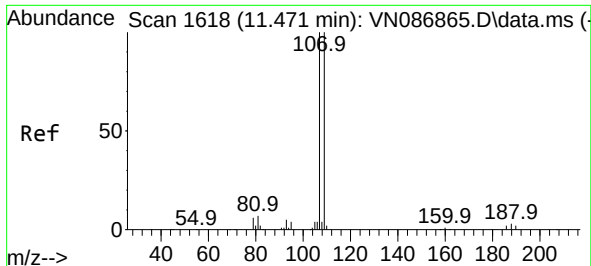
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#60
Dibromochloromethane
Concen: 55.929 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

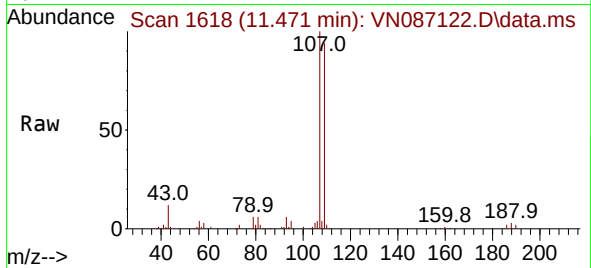
Tgt Ion:129 Resp: 140321
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 53.802 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

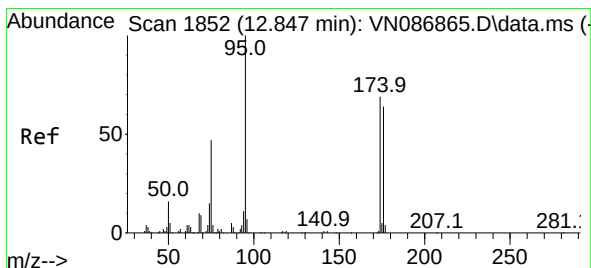
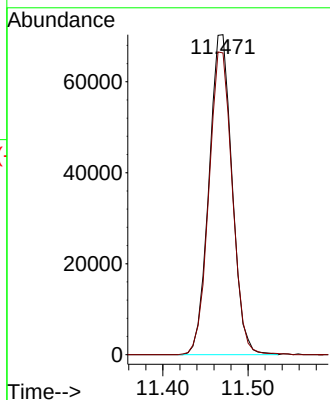
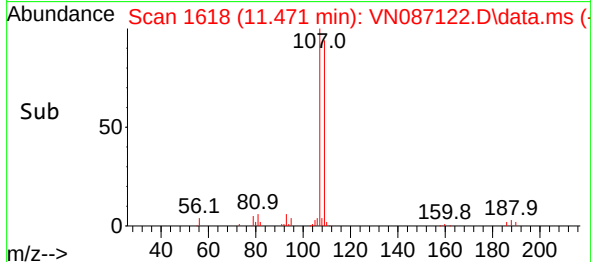
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



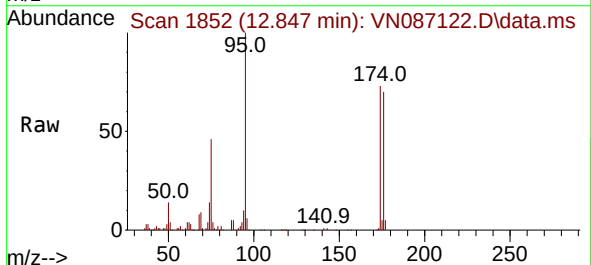
Tgt Ion:107 Resp: 132794
Ion Ratio Lower Upper
107 100
109 95.8 76.3 114.5

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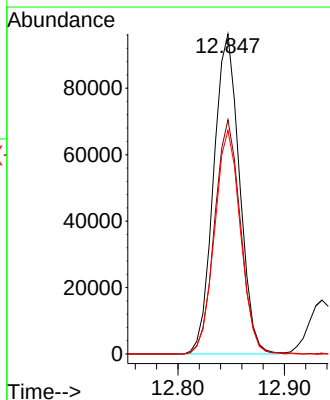
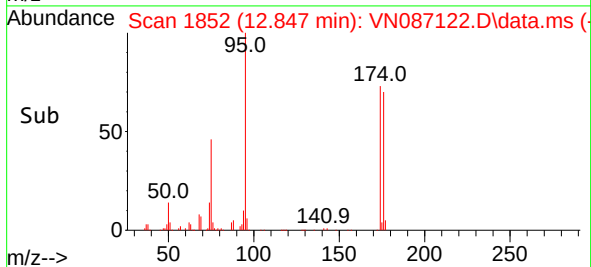
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

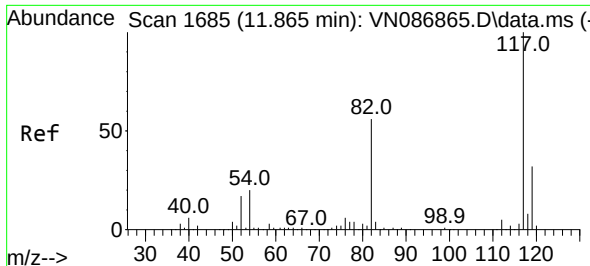


#62
4-Bromofluorobenzene
Concen: 52.505 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51



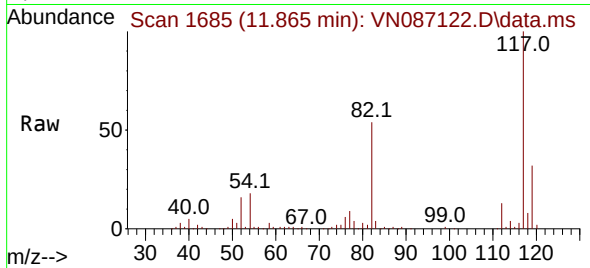
Tgt Ion: 95 Resp: 162293
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.8
176 70.0 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

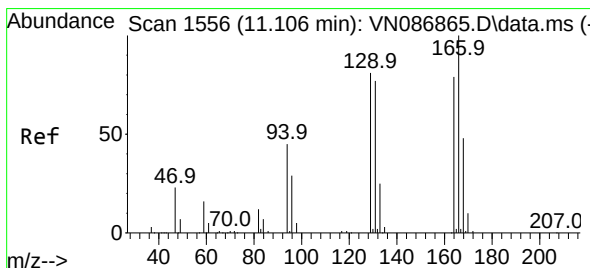
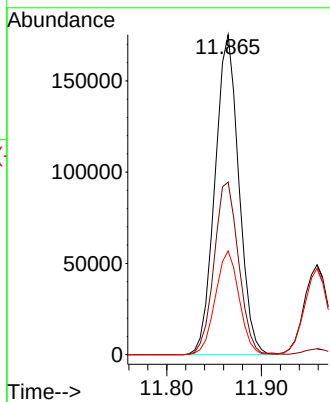
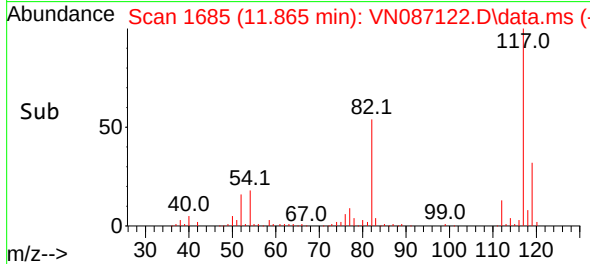
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



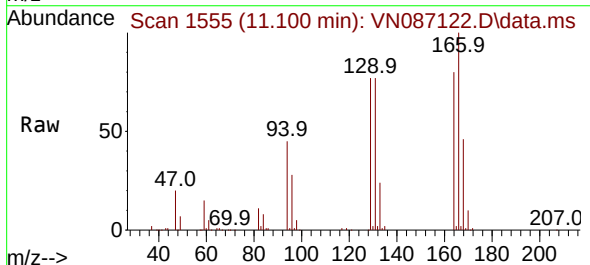
Tgt Ion:117 Resp: 307350
Ion Ratio Lower Upper
117 100
82 54.0 44.6 67.0
119 32.4 25.5 38.3

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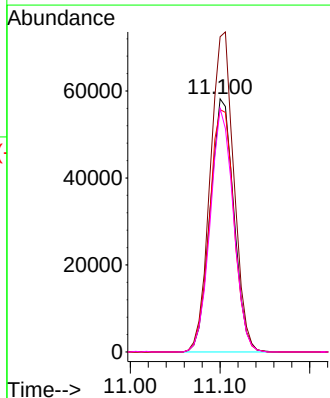
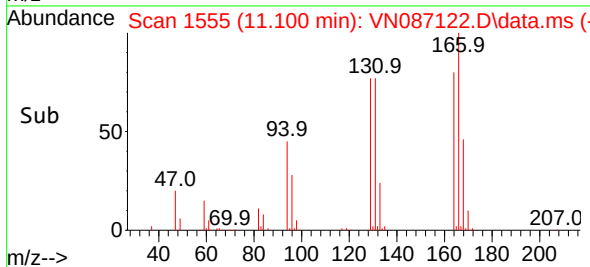
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

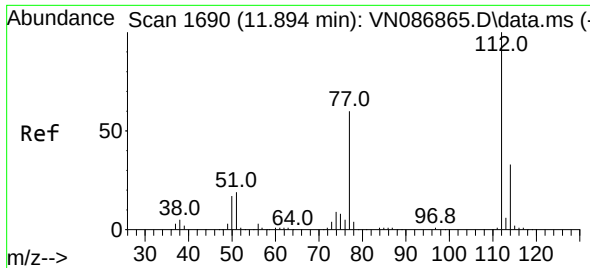


#64
Tetrachloroethene
Concen: 54.831 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51



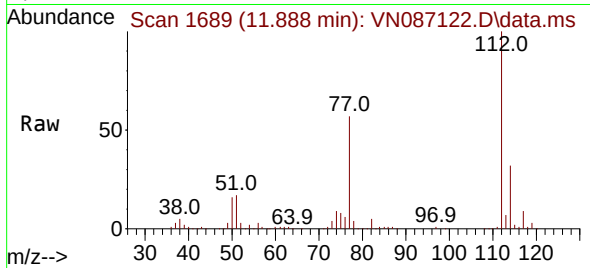
Tgt Ion:164 Resp: 106654
Ion Ratio Lower Upper
164 100
166 124.6 101.8 152.8
129 95.8 83.0 124.4
131 96.2 78.2 117.2





#65
Chlorobenzene
Concen: 55.160 ug/l
RT: 11.888 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

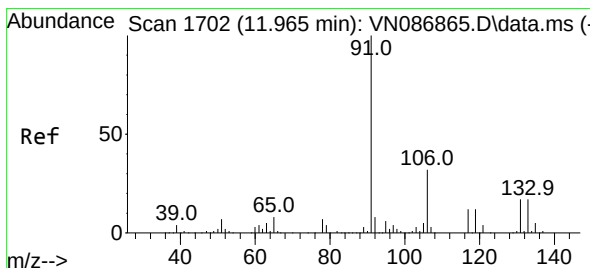
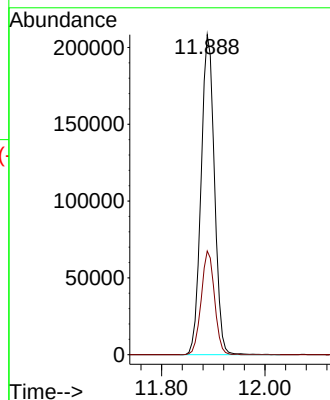
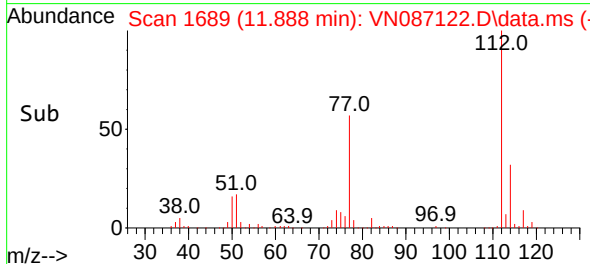
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



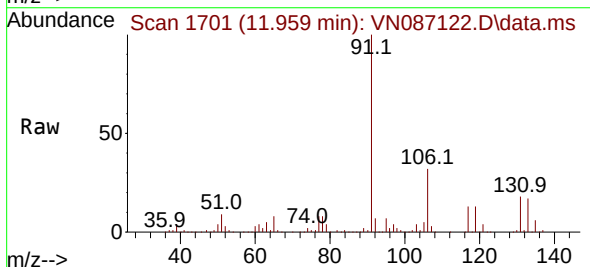
Tgt Ion:112 Resp: 37392
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2

Manual Integrations
APPROVED

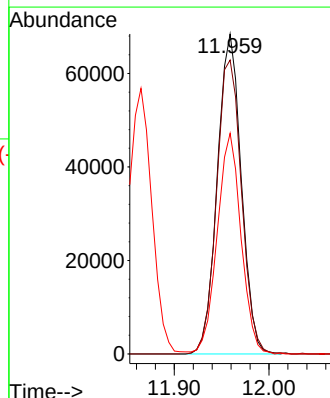
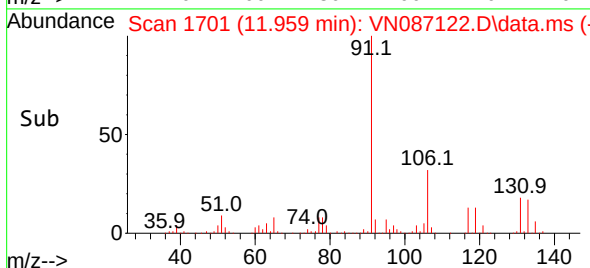
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

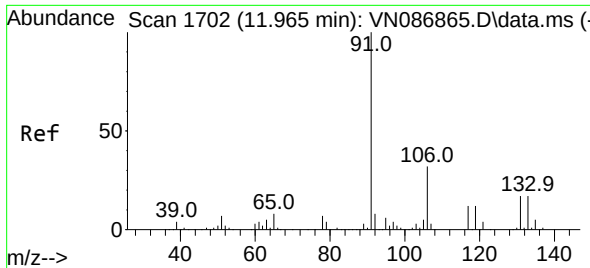


#66
1,1,1,2-Tetrachloroethane
Concen: 55.275 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51



Tgt Ion:131 Resp: 120447
Ion Ratio Lower Upper
131 100
133 95.9 48.3 144.8
119 68.5 34.0 101.8





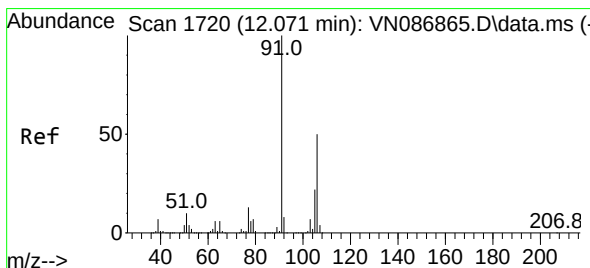
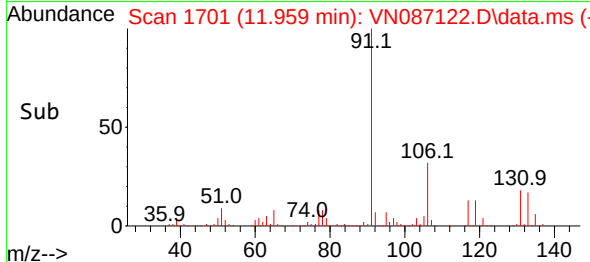
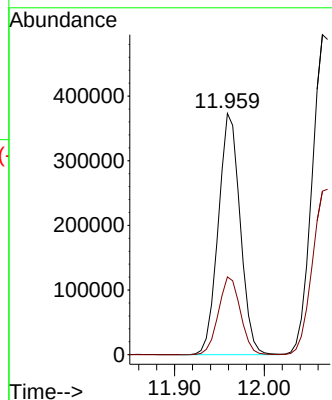
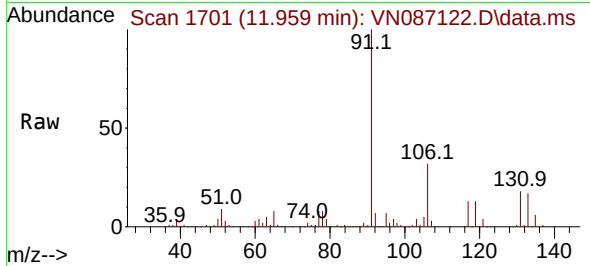
#67
Ethyl Benzene
Concen: 54.073 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 63137
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.2

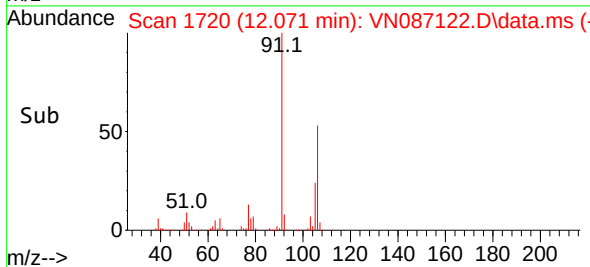
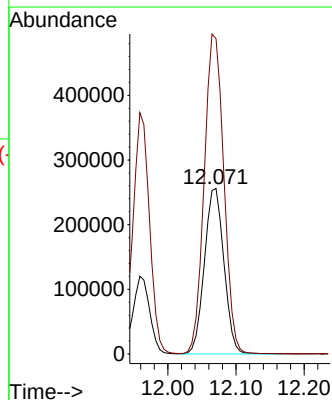
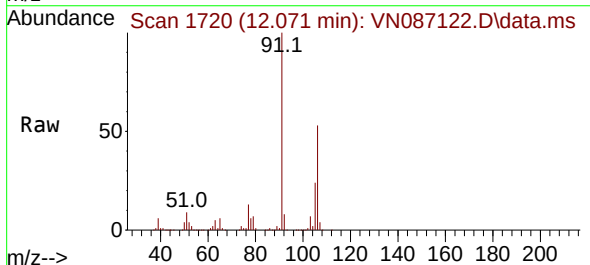
Manual Integrations
APPROVED

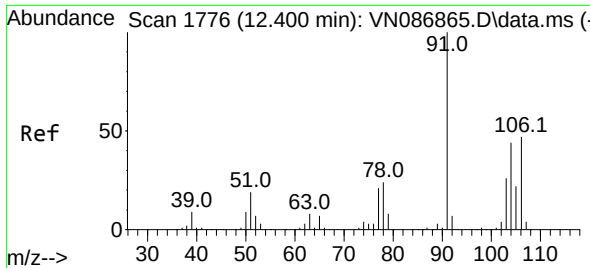
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#68
m/p-Xylenes
Concen: 114.193 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Tgt Ion:106 Resp: 510412
Ion Ratio Lower Upper
106 100
91 193.8 159.4 239.0





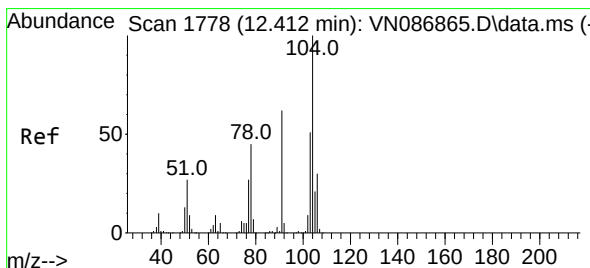
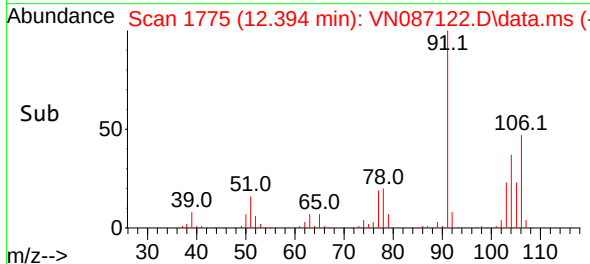
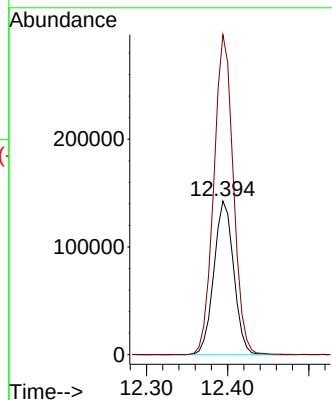
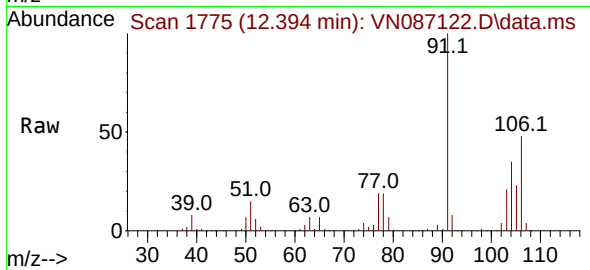
#69
o-Xylene
Concen: 56.516 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 241938
Ion Ratio Lower Upper
106 100
91 205.8 106.1 318.1

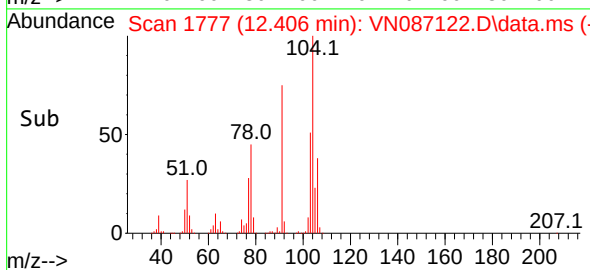
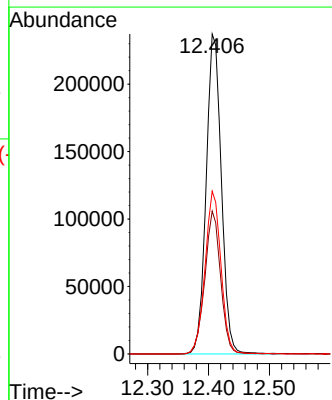
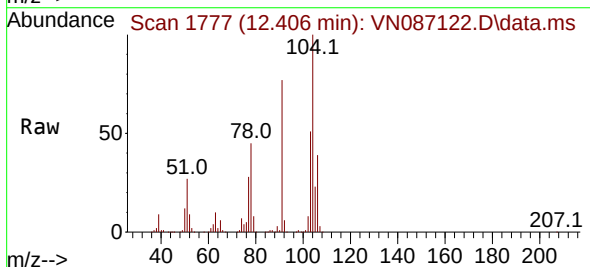
Manual Integrations
APPROVED

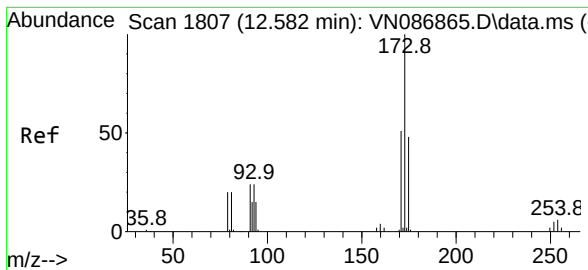
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#70
Styrene
Concen: 56.191 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Tgt Ion:104 Resp: 411615
Ion Ratio Lower Upper
104 100
78 46.5 38.5 57.7
103 53.3 43.1 64.7





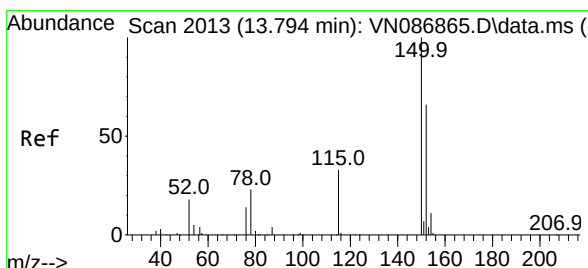
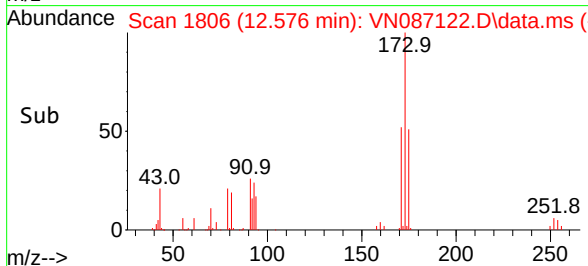
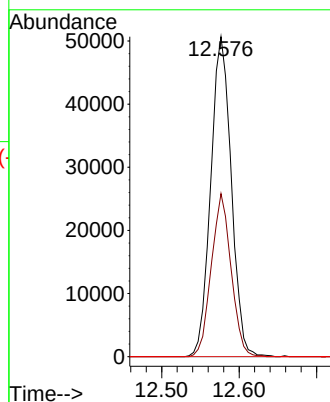
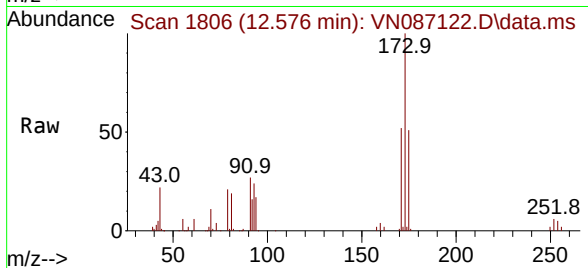
#71
Bromoform
Concen: 57.788 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 9330
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.4
254 0.0 0.0 0.0

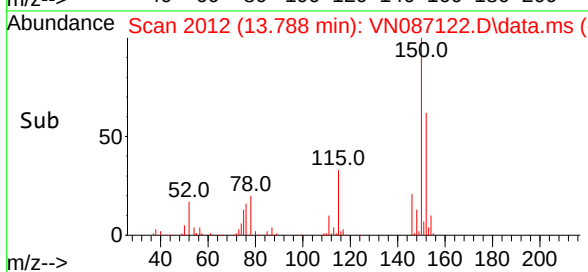
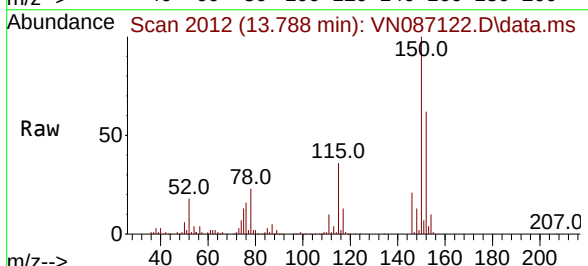
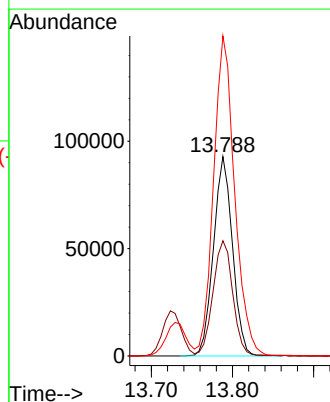
Manual Integrations
APPROVED

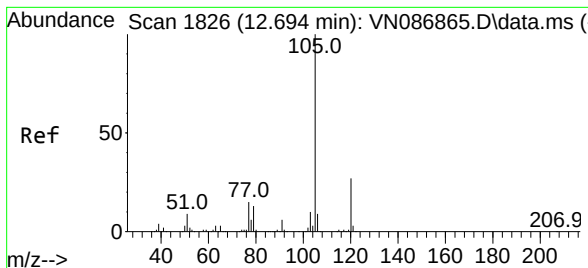
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

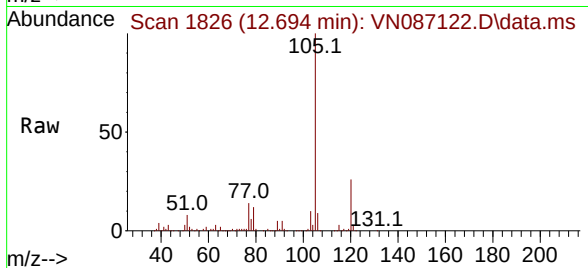
Tgt Ion:152 Resp: 151554
Ion Ratio Lower Upper
152 100
115 59.3 30.1 90.5
150 177.9 0.0 345.0





#73
Isopropylbenzene
Concen: 53.801 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

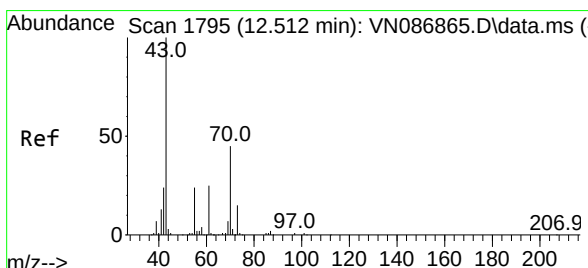
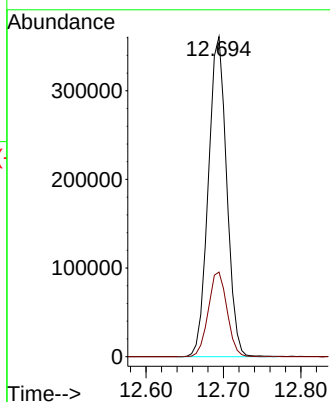
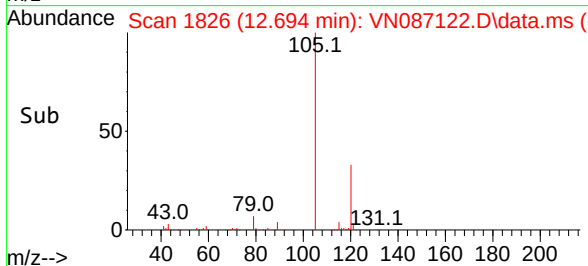
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 105 Resp: 59401
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

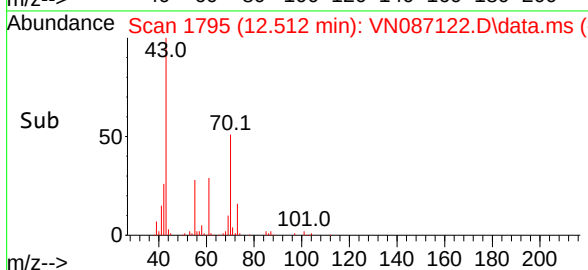
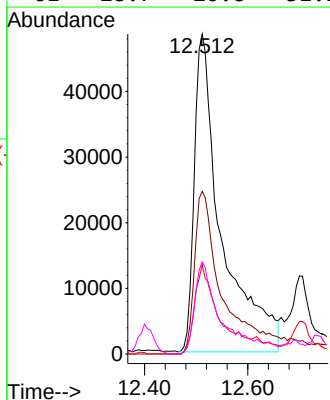
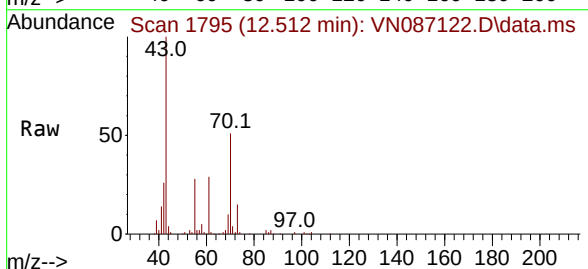
Manual Integrations
APPROVED

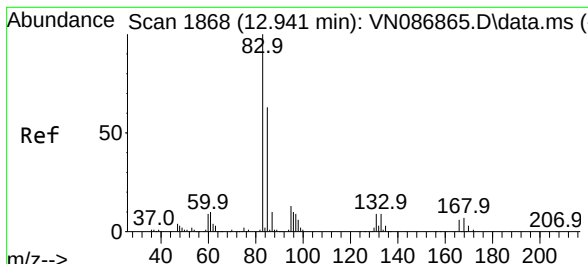
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#74
N-ethyl acetate
Concen: 46.080 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

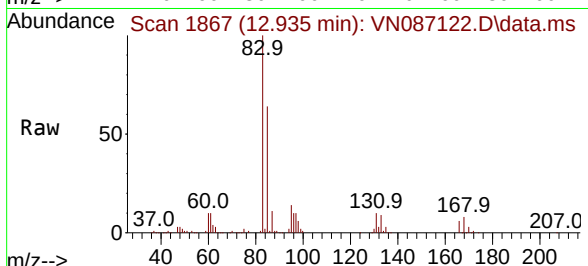
Tgt Ion: 43 Resp: 177782
Ion Ratio Lower Upper
43 100
70 56.9 37.6 56.4#
55 25.0 19.0 28.6
61 28.7 20.8 31.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.142 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN087122.D
 Acq: 20 Jun 2025 08:51

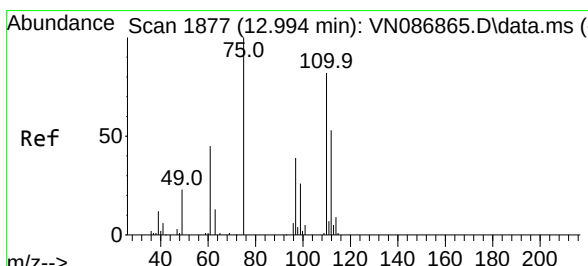
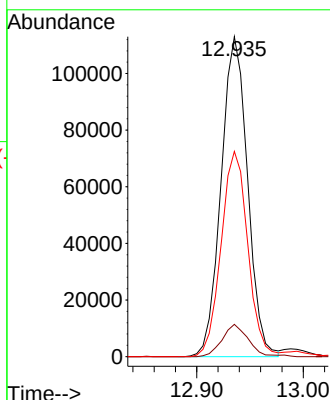
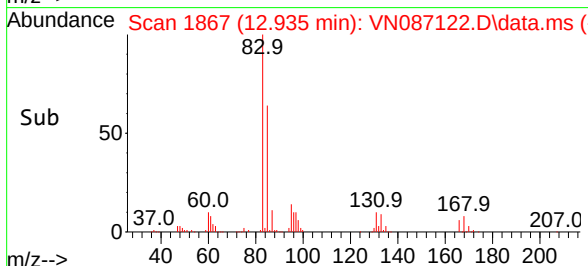
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 83 Resp: 19503
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.9 14.7
 85 64.6 32.0 96.0

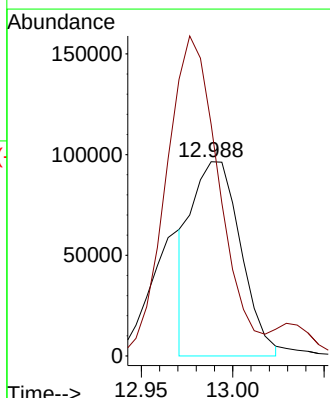
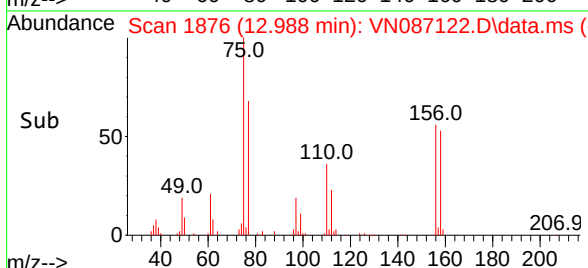
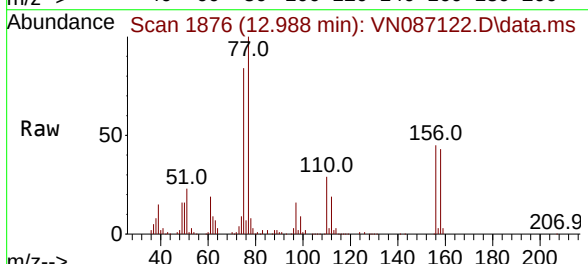
Manual Integrations
 APPROVED

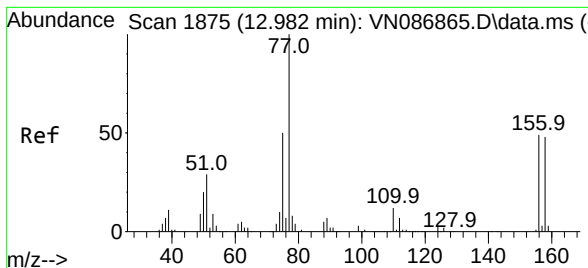
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#76
 1,2,3-Trichloropropane
 Concen: 50.178 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN087122.D
 Acq: 20 Jun 2025 08:51

Tgt Ion: 75 Resp: 180766
 Ion Ratio Lower Upper
 75 100
 77 178.2 79.3 237.9





#77

Bromobenzene

Concen: 57.098 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

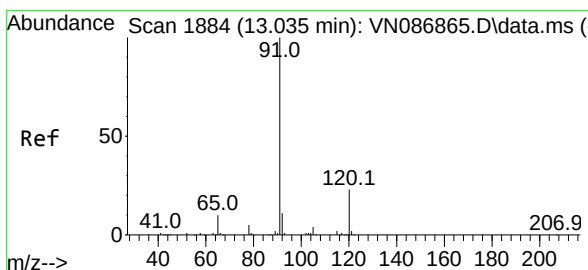
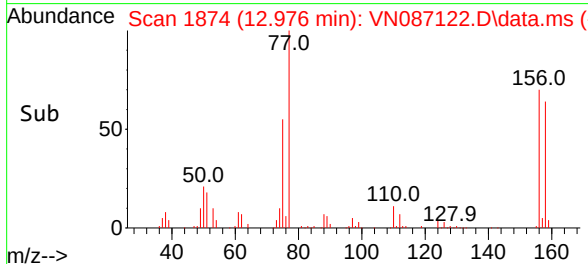
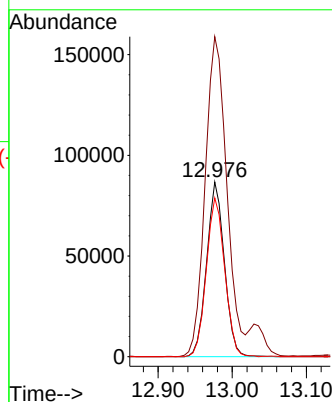
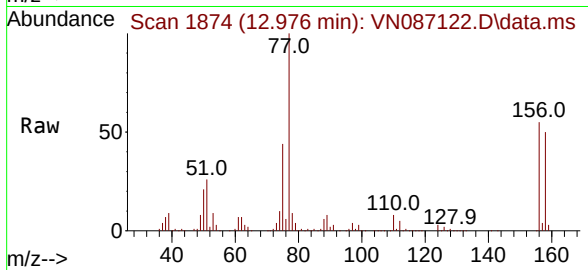
Tgt Ion:156 Resp: 144579
 Ion Ratio Lower Upper
 156 100
 77 222.8 117.7 353.1
 158 94.0 48.1 144.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#78

n-propylbenzene

Concen: 52.232 ug/l

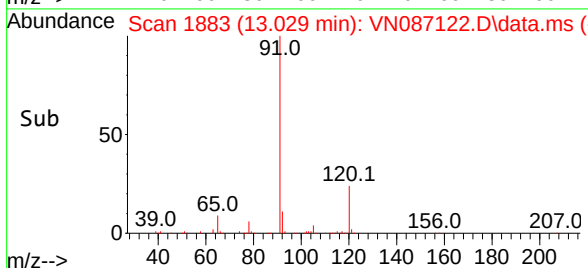
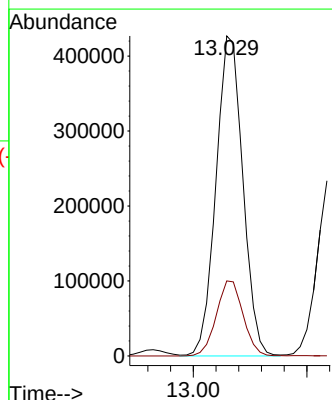
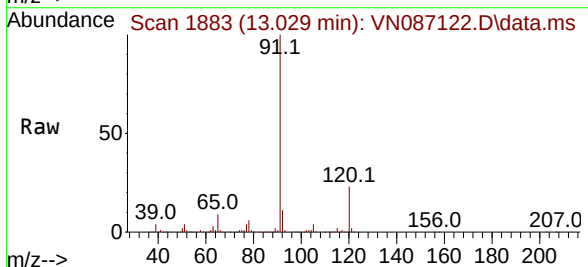
RT: 13.029 min Scan# 1883

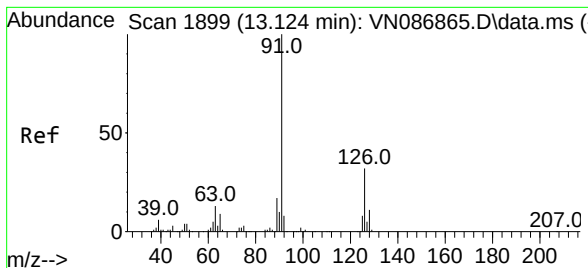
Delta R.T. -0.006 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Tgt Ion: 91 Resp: 700828
 Ion Ratio Lower Upper
 91 100
 120 23.4 11.4 34.2





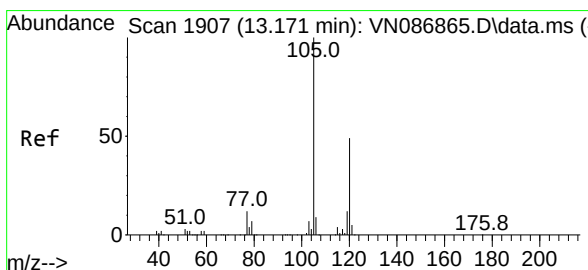
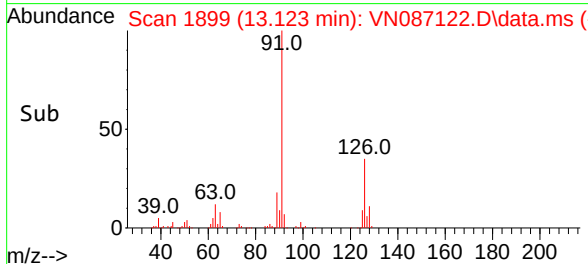
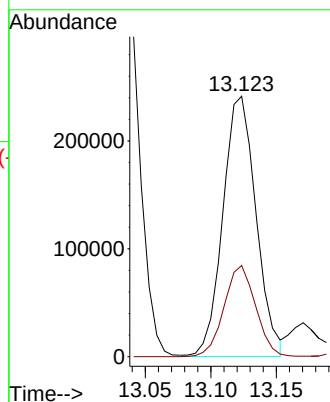
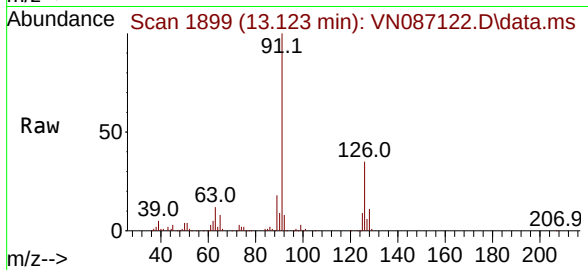
#79
2-Chlorotoluene
Concen: 52.803 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 424884
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.5

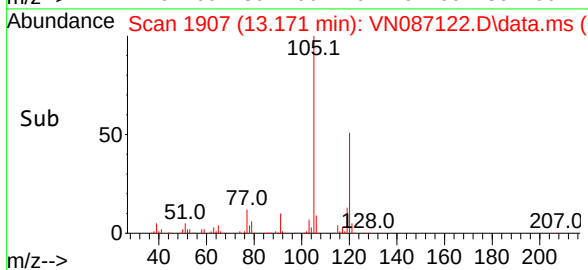
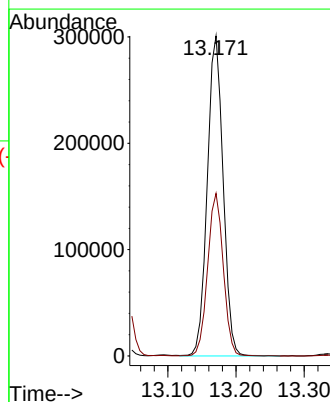
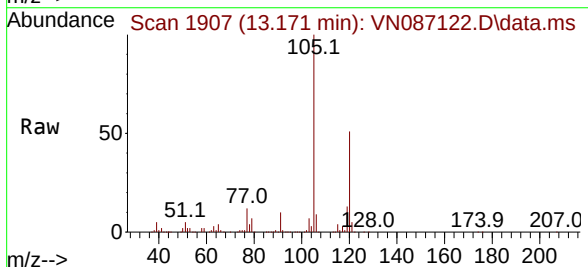
Manual Integrations
APPROVED

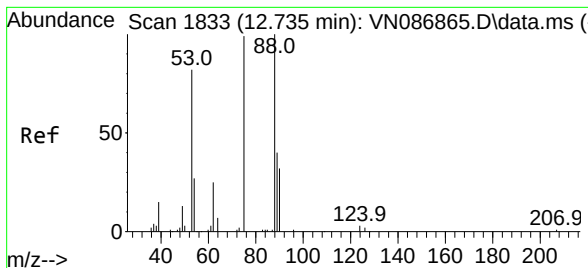
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.295 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

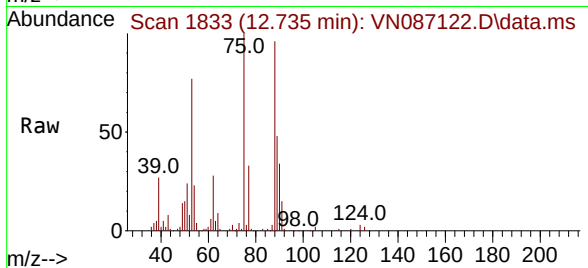
Tgt Ion:105 Resp: 485814
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 53.670 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

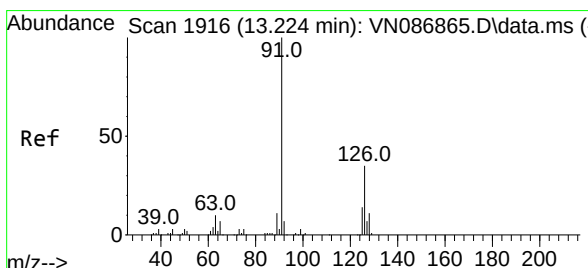
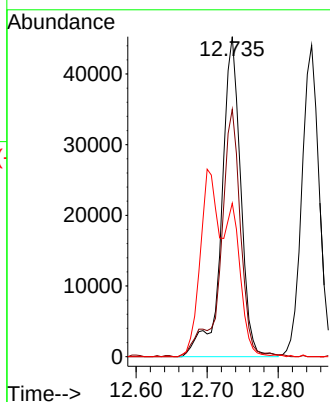
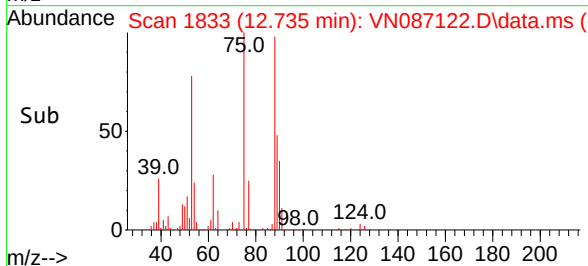
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 83992
Ion Ratio Lower Upper
75 100
53 80.6 66.6 99.8
89 0.0 36.7 55.1

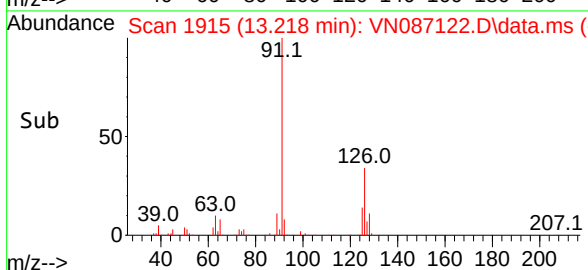
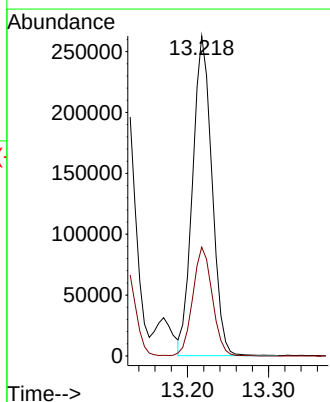
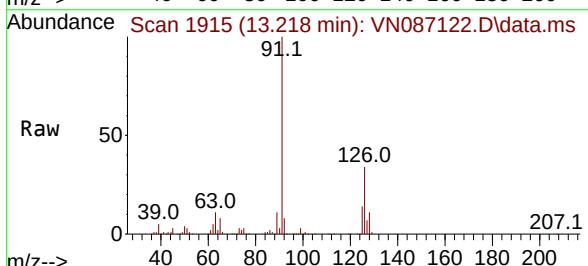
Manual Integrations
APPROVED

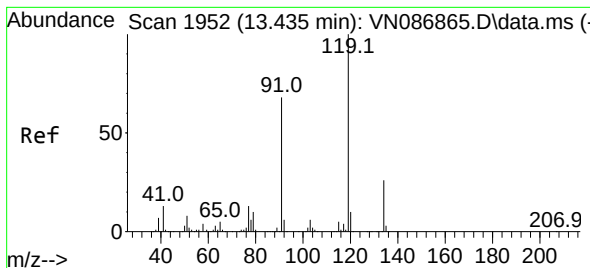
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#82
4-Chlorotoluene
Concen: 53.385 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

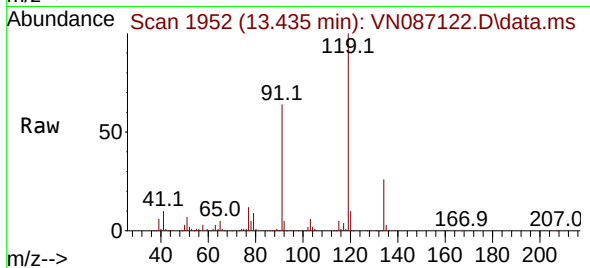
Tgt Ion: 91 Resp: 434656
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.1





#83
tert-Butylbenzene
Concen: 49.960 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

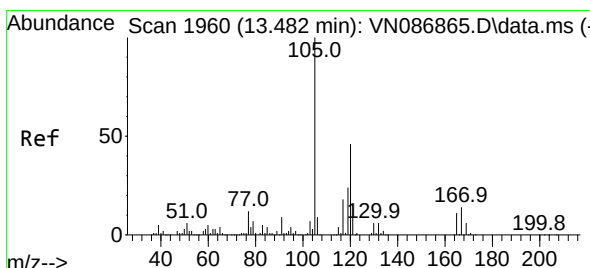
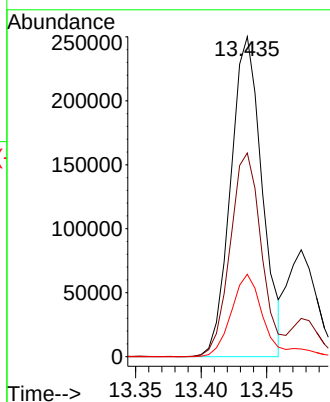
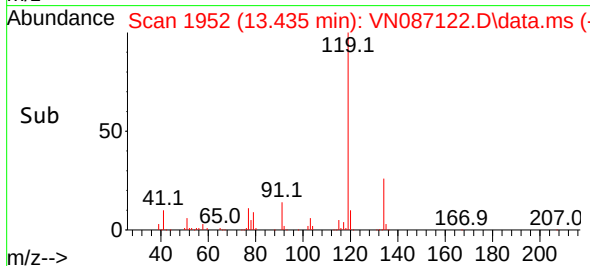
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



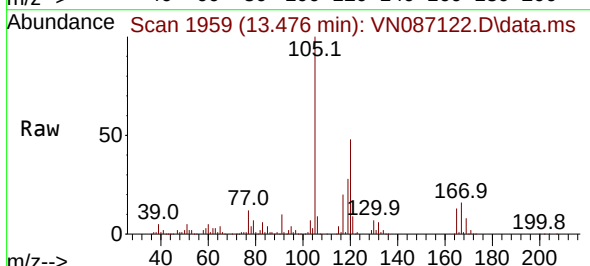
Tgt Ion:119 Resp: 416870
Ion Ratio Lower Upper
119 100
91 64.2 32.1 96.5
134 27.1 13.4 40.1

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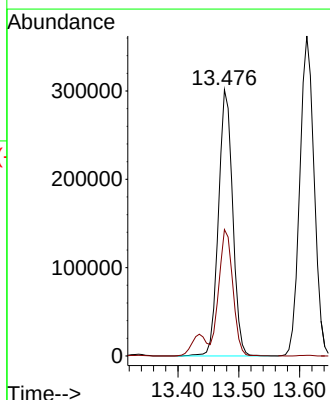
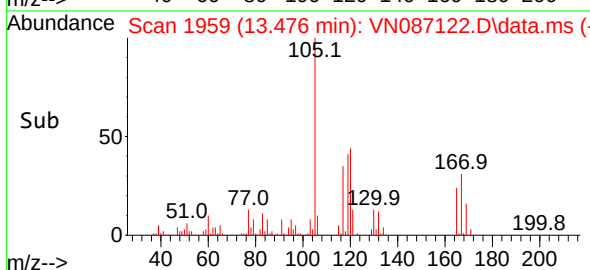
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

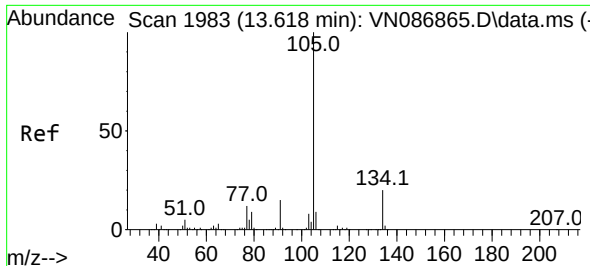


#84
1,2,4-Trimethylbenzene
Concen: 53.356 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51



Tgt Ion:105 Resp: 487717
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6





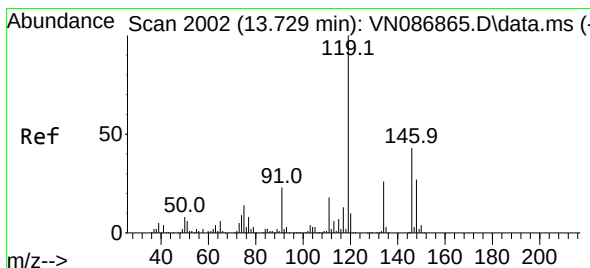
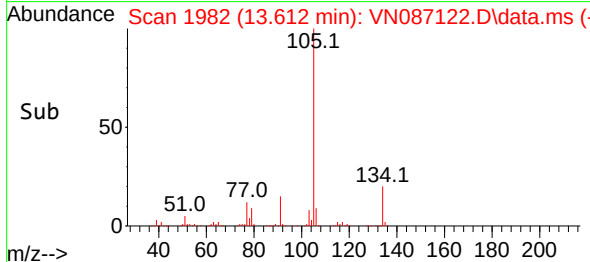
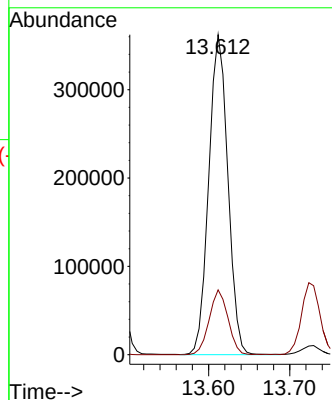
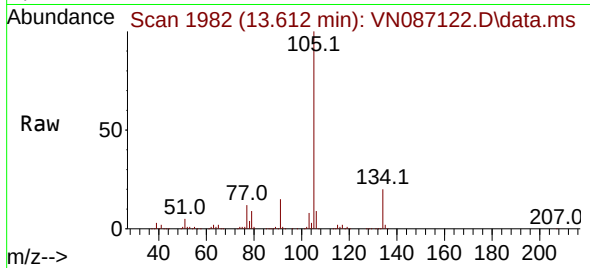
#85
 sec-Butylbenzene
 Concen: 48.876 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087122.D
 Acq: 20 Jun 2025 08:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 592254
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 30.0

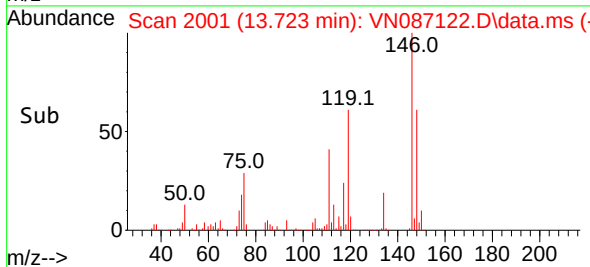
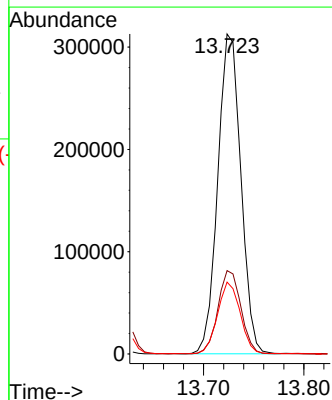
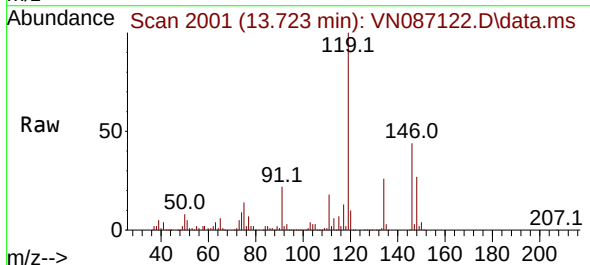
Manual Integrations
 APPROVED

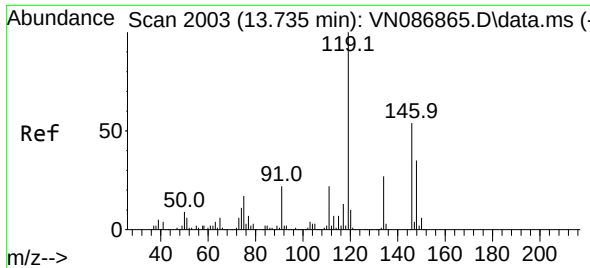
Reviewed By :John Carlone 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#86
 p-Isopropyltoluene
 Concen: 49.863 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN087122.D
 Acq: 20 Jun 2025 08:51

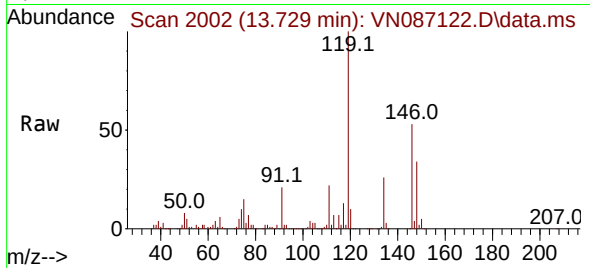
Tgt Ion:119 Resp: 499459
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.4
 91 22.0 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 54.623 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

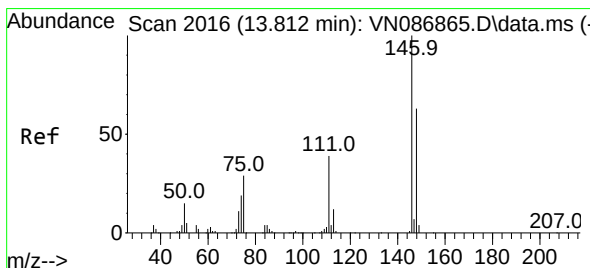
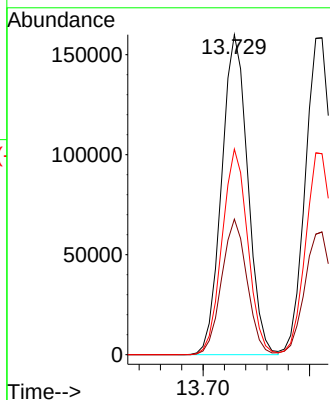
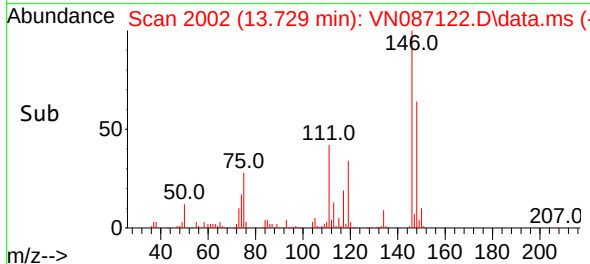
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



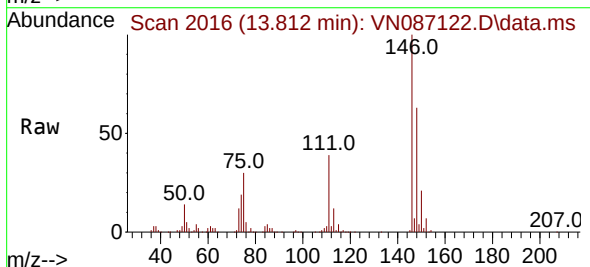
Tgt Ion:146 Resp: 272120
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.8
148 63.2 32.0 96.2

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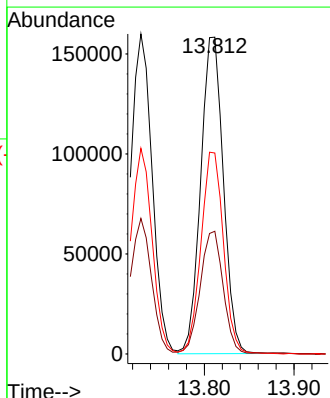
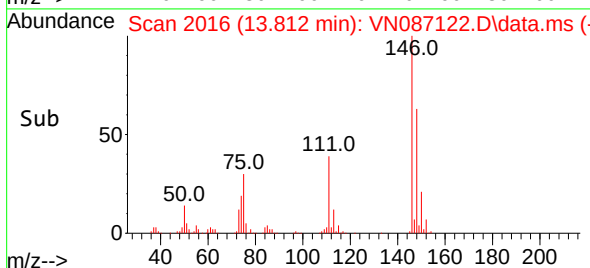
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

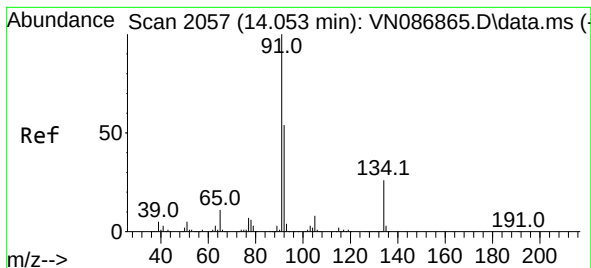


#88
1,4-Dichlorobenzene
Concen: 54.645 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51



Tgt Ion:146 Resp: 277541
Ion Ratio Lower Upper
146 100
111 38.8 19.9 59.7
148 63.4 31.8 95.4





#89

n-Butylbenzene

Concen: 44.990 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

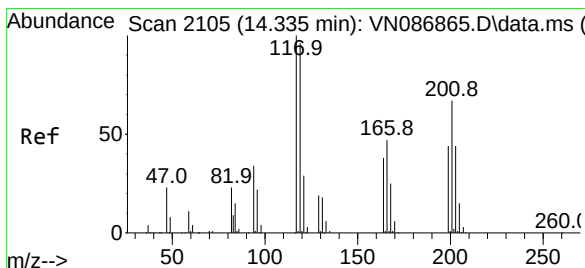
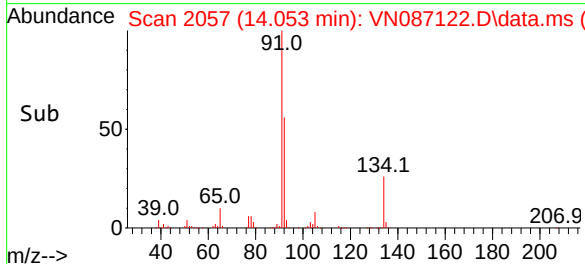
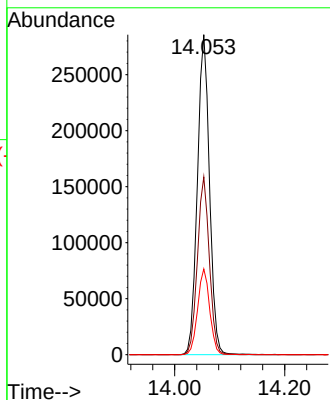
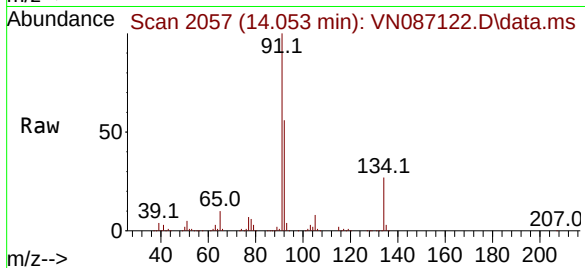
Tgt Ion: 91 Resp: 436509
 Ion Ratio Lower Upper
 91 100
 92 54.8 27.5 82.4
 134 26.6 13.0 39.0

Manual Integrations

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Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#90

Hexachloroethane

Concen: 52.224 ug/l

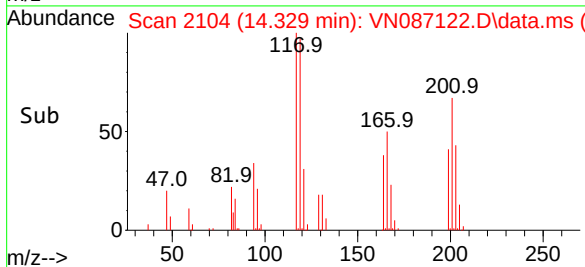
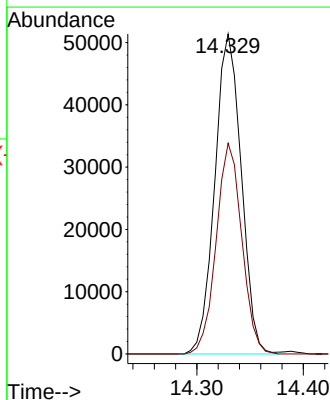
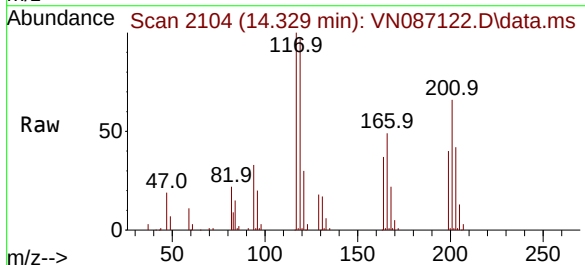
RT: 14.329 min Scan# 2104

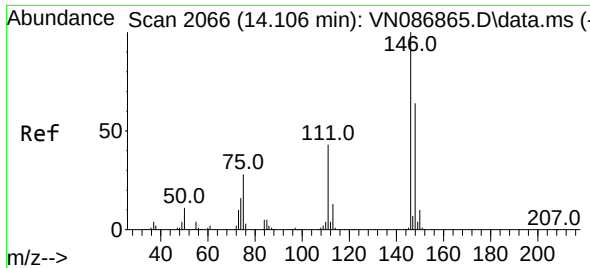
Delta R.T. -0.006 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Tgt Ion:117 Resp: 88671
 Ion Ratio Lower Upper
 117 100
 201 63.6 33.2 99.6





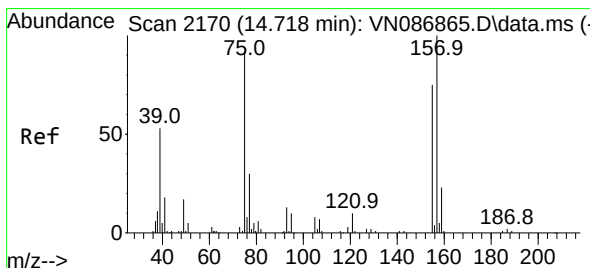
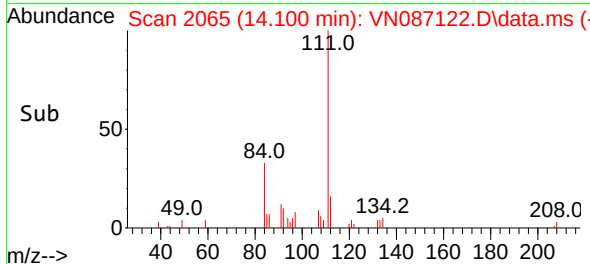
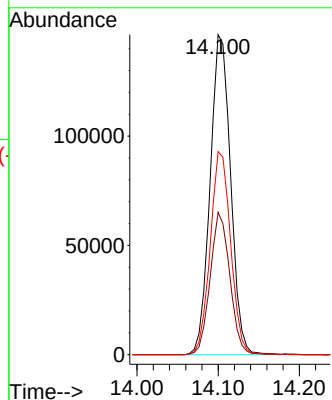
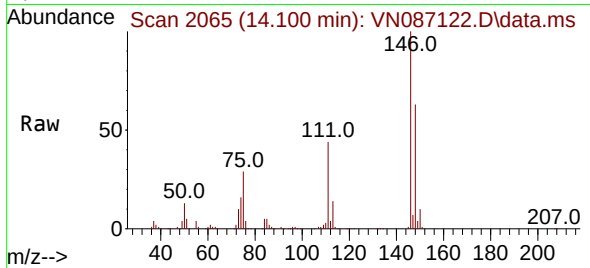
#91
1,2-Dichlorobenzene
Concen: 53.598 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 25652
Ion Ratio Lower Upper
146 100
111 42.8 21.6 64.6
148 63.4 31.7 95.1

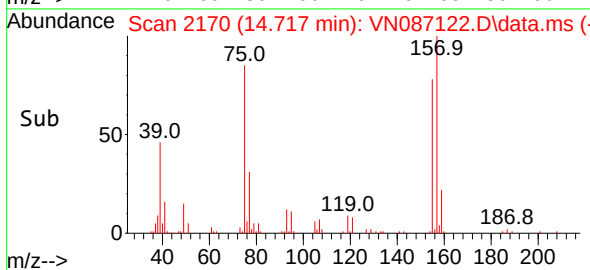
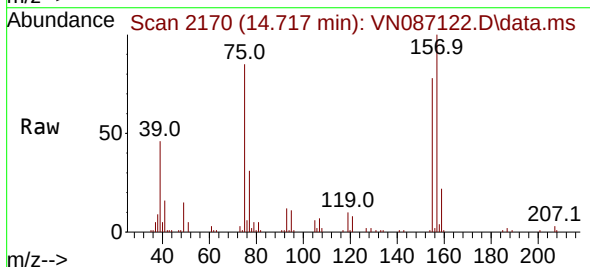
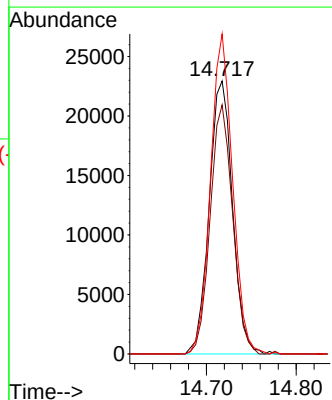
Manual Integrations
APPROVED

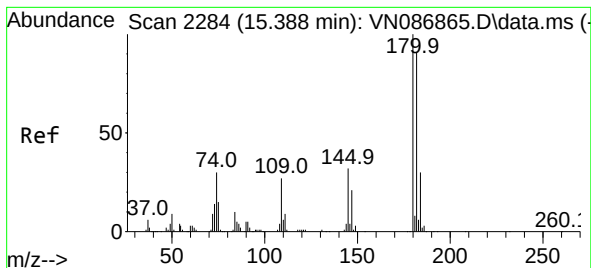
Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.301 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Tgt Ion: 75 Resp: 41417
Ion Ratio Lower Upper
75 100
155 87.7 41.1 123.4
157 111.0 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 46.205 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

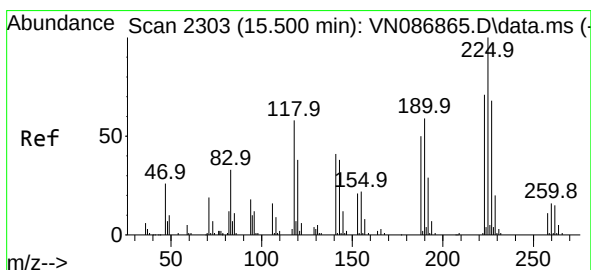
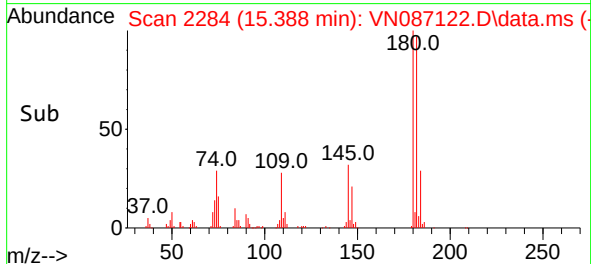
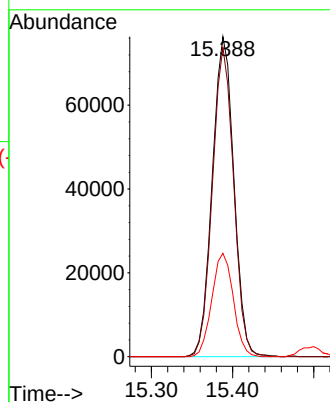
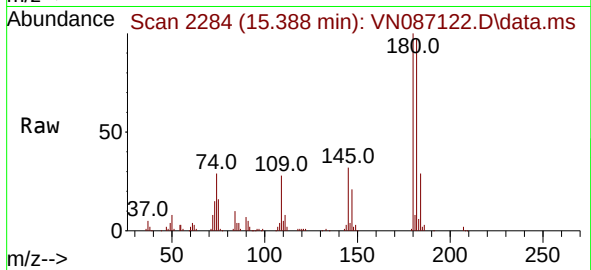
Tgt Ion:	180	Resp:	14121
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.9	140.7
145	32.1	16.0	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#94

Hexachlorobutadiene

Concen: 35.282 ug/l

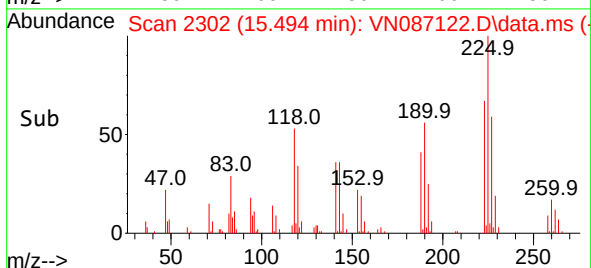
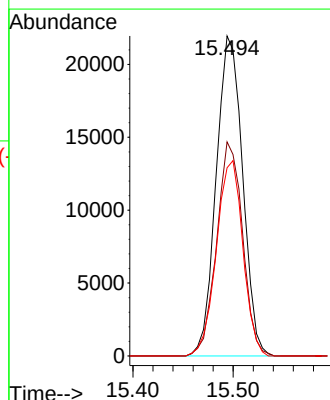
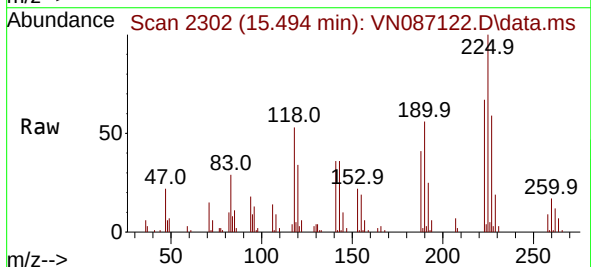
RT: 15.494 min Scan# 2302

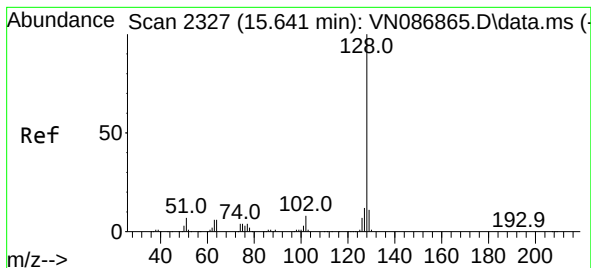
Delta R.T. -0.006 min

Lab File: VN087122.D

Acq: 20 Jun 2025 08:51

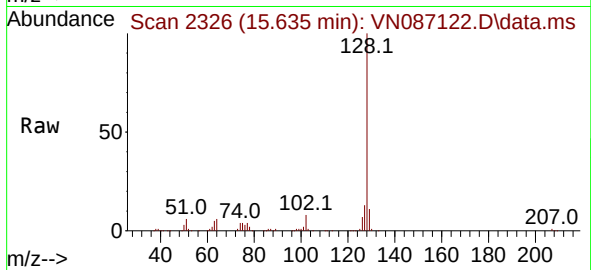
Tgt Ion:	225	Resp:	40175
Ion Ratio	Lower	Upper	
225	100		
223	65.7	33.5	100.4
227	61.3	31.1	93.5





#95
Naphthalene
Concen: 49.425 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

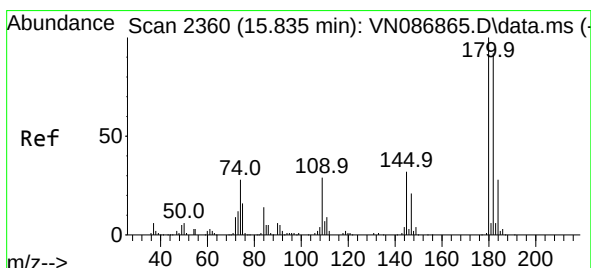
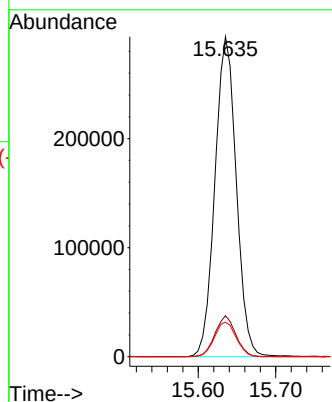
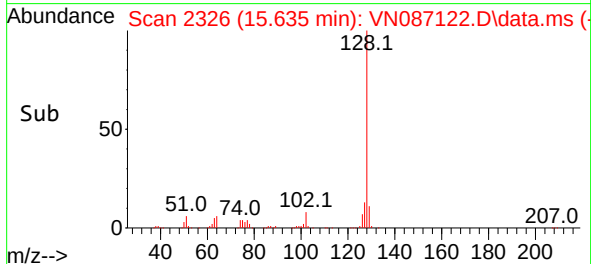
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 562260
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 11.1 8.8 13.2

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 45.190 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN087122.D
Acq: 20 Jun 2025 08:51

Tgt Ion:180 Resp: 137222
Ion Ratio Lower Upper
180 100
182 94.3 47.0 141.0
145 33.7 16.6 49.8

