

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061325\
 Data File : VN086996.D
 Acq On : 13 Jun 2025 12:52
 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 06/16/2025
 Supervised By : Mahesh Dadoda 06/16/2025

Quant Time: Jun 14 00:25:58 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	190412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	349185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	311622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126564	49.645	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.280%		
35) Dibromofluoromethane	8.171	113	110945	53.613	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.220%		
50) Toluene-d8	10.571	98	395054	48.224	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.440%		
62) 4-Bromofluorobenzene	12.847	95	155769	51.180	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.360%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	94130	49.581	ug/l	99
3) Chloromethane	2.395	50	106972	43.634	ug/l	95
4) Vinyl Chloride	2.553	62	132265	52.300	ug/l	98
5) Bromomethane	2.989	94	66850	47.236	ug/l	91
6) Chloroethane	3.153	64	85416	52.288	ug/l	97
7) Trichlorofluoromethane	3.524	101	165154	49.983	ug/l	98
8) Diethyl Ether	3.983	74	85377	59.305	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.400	101	102200	49.231	ug/l	99
10) Methyl Iodide	4.618	142	81332	30.223	ug/l	96
11) Tert butyl alcohol	5.542	59	179272	259.155	ug/l	98
12) 1,1-Dichloroethene	4.365	96	110621	52.196	ug/l	89
13) Acrolein	4.200	56	29452	134.505	ug/l	99
14) Allyl chloride	5.047	41	167560	47.673	ug/l	95
15) Acrylonitrile	5.736	53	429249	265.480	ug/l	100
16) Acetone	4.447	43	329234	243.522	ug/l	96
17) Carbon Disulfide	4.742	76	327418	55.851	ug/l	100
18) Methyl Acetate	5.047	43	165652	42.045	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	426708	55.607	ug/l	100
20) Methylene Chloride	5.294	84	136185	53.804	ug/l	93
21) trans-1,2-Dichloroethene	5.806	96	123359	52.316	ug/l	97
22) Diisopropyl ether	6.689	45	372100	50.223	ug/l	96
23) Vinyl Acetate	6.618	43	1729112	276.228	ug/l	97
24) 1,1-Dichloroethane	6.588	63	222402	52.162	ug/l	100
25) 2-Butanone	7.494	43	542418	246.825	ug/l	96
26) 2,2-Dichloropropane	7.500	77	181352	54.680	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	154905	54.931	ug/l	96
28) Bromochloromethane	7.824	49	114442	54.591	ug/l	90
29) Tetrahydrofuran	7.847	42	358784	250.623	ug/l	93
30) Chloroform	7.977	83	221340	51.983	ug/l	100
31) Cyclohexane	8.265	56	181882	43.987	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	176440	48.720	ug/l	98
36) 1,1-Dichloropropene	8.383	75	154064	49.963	ug/l	99
37) Ethyl Acetate	7.571	43	207704	52.914	ug/l	99
38) Carbon Tetrachloride	8.371	117	147019	48.564	ug/l	96
39) Methylcyclohexane	9.606	83	187509	44.385	ug/l	95
40) Benzene	8.612	78	523742	51.942	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	107515	48.771	ug/l	92
42) 1,2-Dichloroethane	8.677	62	163016	53.302	ug/l	99
43) Isopropyl Acetate	8.694	43	315339	50.052	ug/l	95
44) Trichloroethene	9.359	130	126250	52.804	ug/l	97
45) 1,2-Dichloropropane	9.624	63	129173	52.657	ug/l	97
46) Dibromomethane	9.712	93	92427	56.724	ug/l	98
47) Bromodichloromethane	9.894	83	179817	53.637	ug/l	99
48) Methyl methacrylate	9.682	41	144695	49.899	ug/l	93
49) 1,4-Dioxane	9.700	88	60881	1154.073	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	974766	257.005	ug/l	96
52) Toluene	10.629	92	324520	52.663	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	213932	57.068	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	223518	55.726	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	130409	55.000	ug/l	98
56) Ethyl methacrylate	10.882	69	221967	58.775	ug/l	93
57) 1,3-Dichloropropane	11.165	76	225149	54.739	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	640810	284.484	ug/l	97
59) 2-Hexanone	11.200	43	655260	268.212	ug/l	91
60) Dibromochloromethane	11.359	129	141550	57.298	ug/l	99
61) 1,2-Dibromoethane	11.471	107	138863	57.138	ug/l	99
64) Tetrachloroethene	11.106	164	97092	49.232	ug/l	94
65) Chlorobenzene	11.894	112	363108	52.832	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	118773	53.761	ug/l	99
67) Ethyl Benzene	11.965	91	591507	49.965	ug/l	99
68) m/p-Xylenes	12.070	106	466007	102.831	ug/l	99
69) o-Xylene	12.400	106	231655	53.373	ug/l	96
70) Styrene	12.412	104	397750	53.555	ug/l	99
71) Bromoform	12.576	173	95755	58.496	ug/l #	98
73) Isopropylbenzene	12.694	105	537619	47.619	ug/l	99
74) N-amyl acetate	12.512	43	194530	49.308	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	203942	53.321	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	178162m	48.364	ug/l	
77) Bromobenzene	12.982	156	141660	54.712	ug/l	95
78) n-propylbenzene	13.035	91	639643	46.620	ug/l	98
79) 2-Chlorotoluene	13.123	91	404220	49.126	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	454100	48.717	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	87402	54.616	ug/l	95
82) 4-Chlorotoluene	13.223	91	417942	50.200	ug/l	99
83) tert-Butylbenzene	13.435	119	392634	46.017	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	463629	49.602	ug/l	98
85) sec-Butylbenzene	13.612	105	540317	43.606	ug/l	99
86) p-Isopropyltoluene	13.729	119	462226	45.127	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	263729	51.771	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	273095	52.583	ug/l	99
89) n-Butylbenzene	14.053	91	413779	41.707	ug/l	100
90) Hexachloroethane	14.335	117	80241	46.217	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	255209	52.145	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45388	49.620	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	149493	47.834	ug/l	99
94) Hexachlorobutadiene	15.500	225	42985	36.917	ug/l	99
95) Naphthalene	15.635	128	604305	51.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	142985	46.049	ug/l	98

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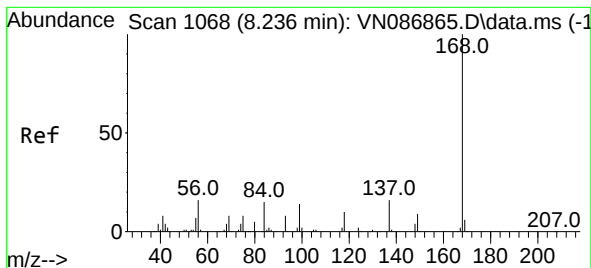
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
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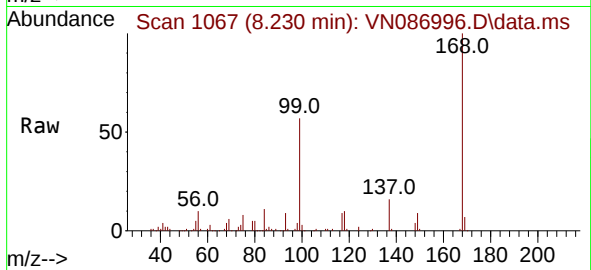
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

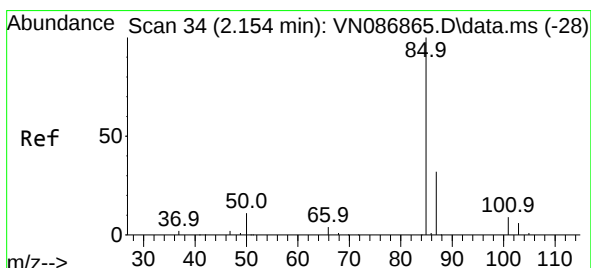
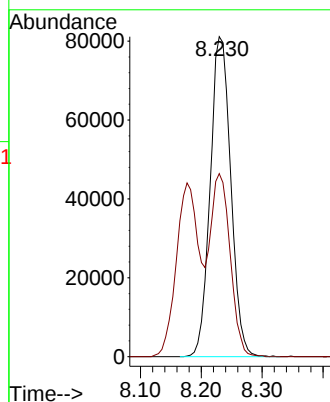
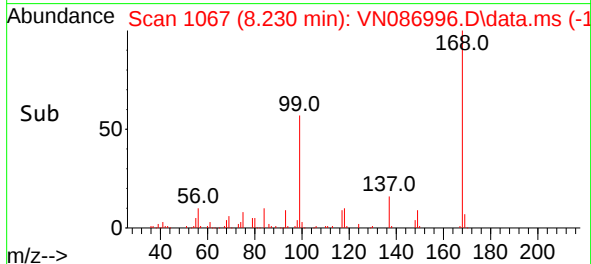
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 190412
Ion Ratio Lower Upper
168 100
99 57.2 49.1 73.7

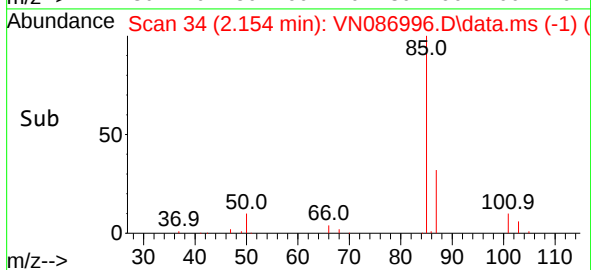
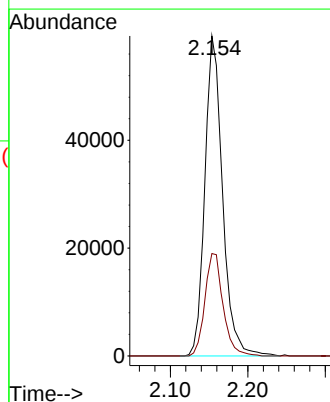
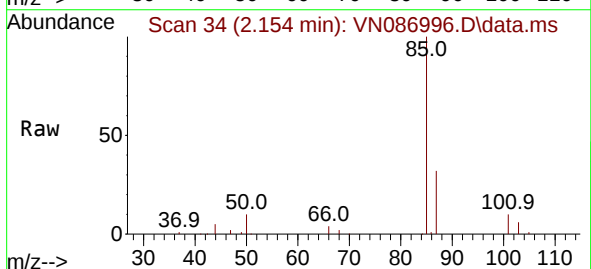
Manual Integrations
APPROVED

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#2
Dichlorodifluoromethane
Concen: 49.581 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

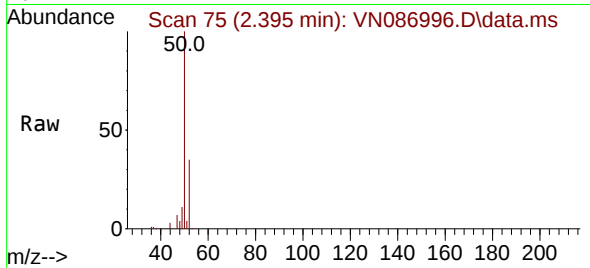
Tgt Ion: 85 Resp: 94130
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6





#3
Chloromethane
Concen: 43.634 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

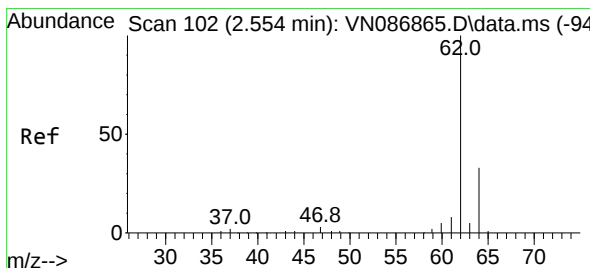
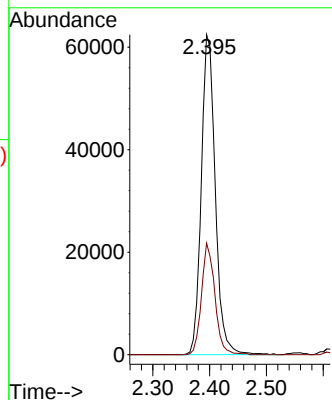
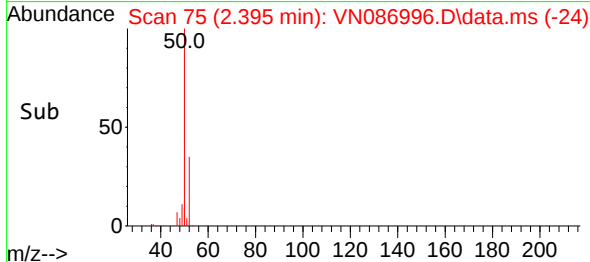
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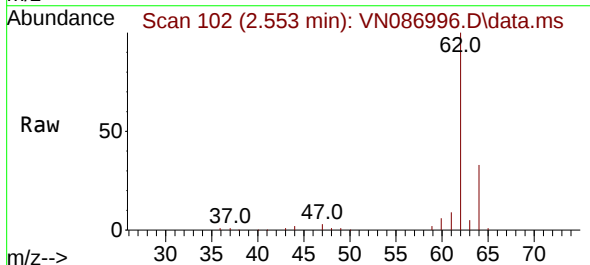
Tgt Ion: 50 Resp: 106972
Ion Ratio Lower Upper
50 100
52 34.8 25.7 38.5

Manual Integrations
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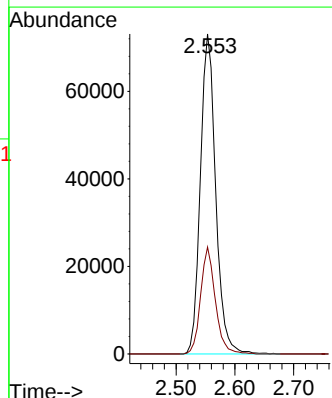
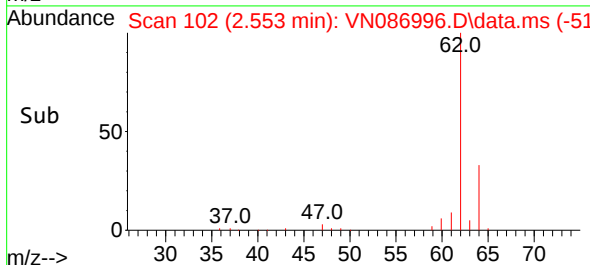
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

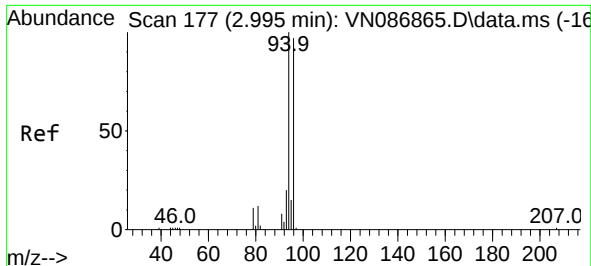


#4
Vinyl Chloride
Concen: 52.300 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



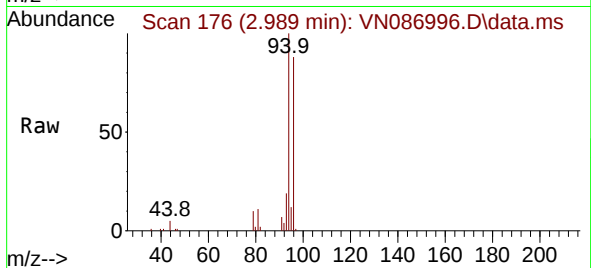
Tgt Ion: 62 Resp: 132265
Ion Ratio Lower Upper
62 100
64 33.4 26.0 39.0





#5
Bromomethane
Concen: 47.236 ug/l
RT: 2.989 min Scan# 177
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

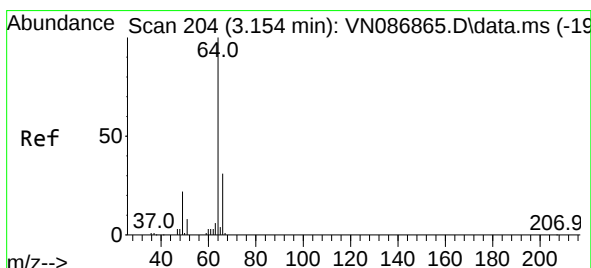
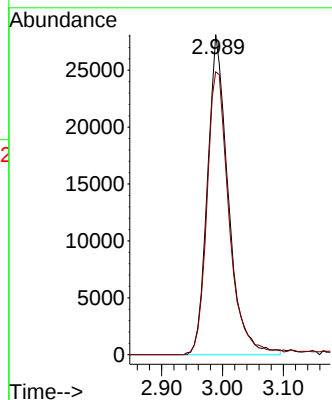
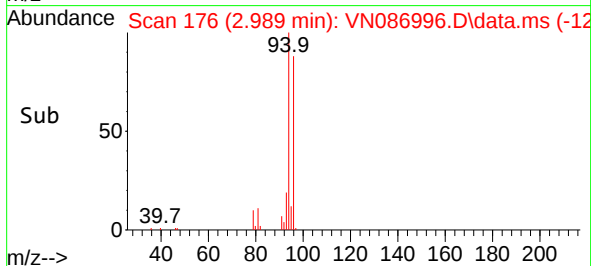
Instrument :
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Tgt Ion: 94 Resp: 66850
Ion Ratio Lower Upper
94 100
96 88.4 77.9 116.9

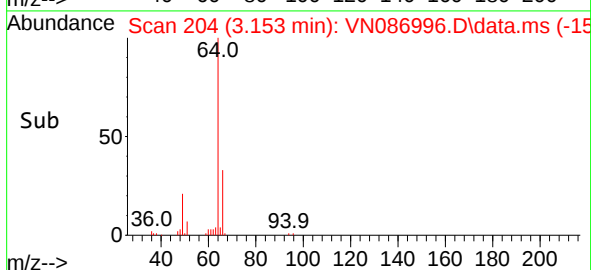
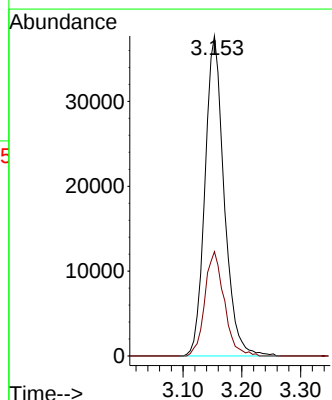
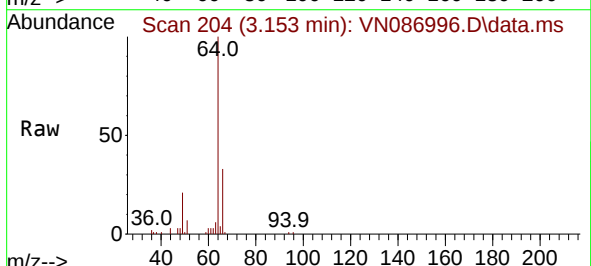
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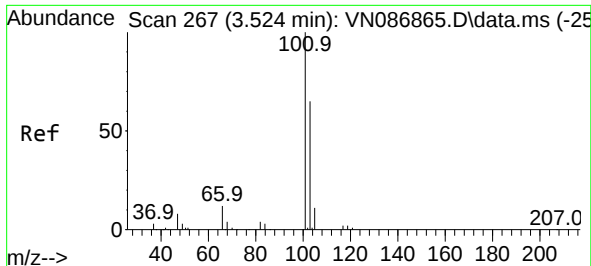
Reviewed By :John Carlone 06/16/2025
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#6
Chloroethane
Concen: 52.288 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

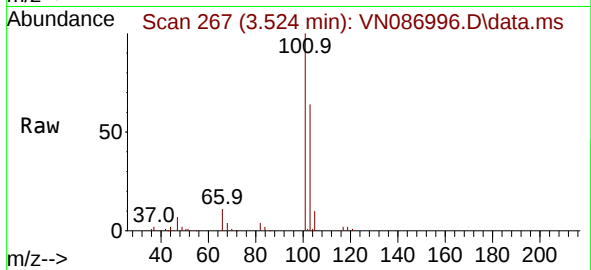
Tgt Ion: 64 Resp: 85416
Ion Ratio Lower Upper
64 100
66 32.6 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 49.983 ug/l
 RT: 3.524 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN086996.D
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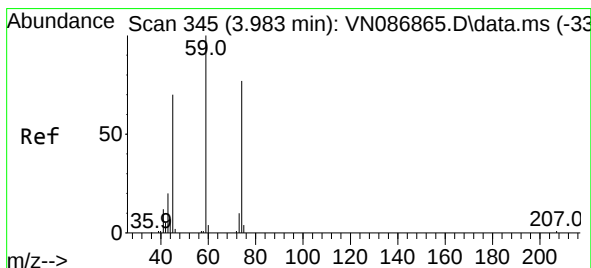
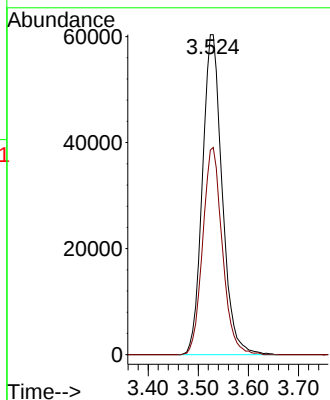
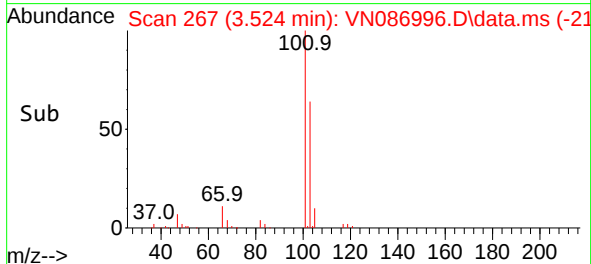
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 165154
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.2 78.2

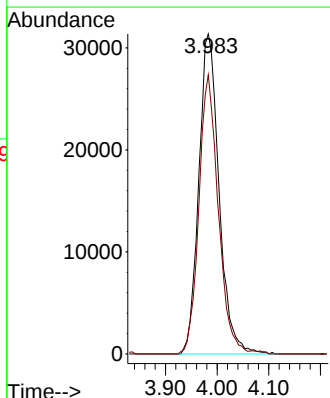
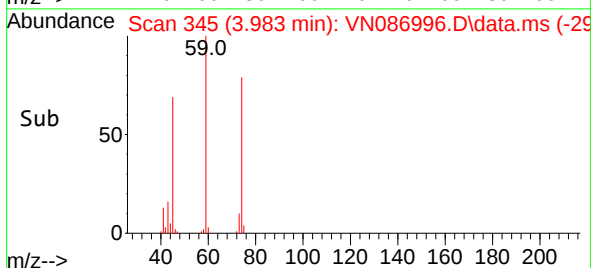
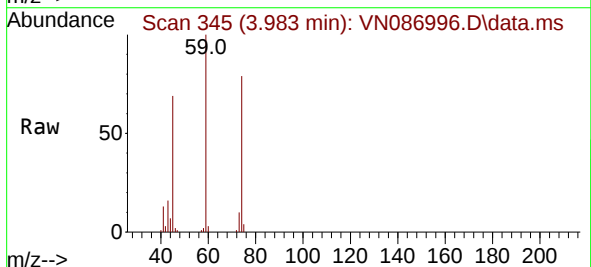
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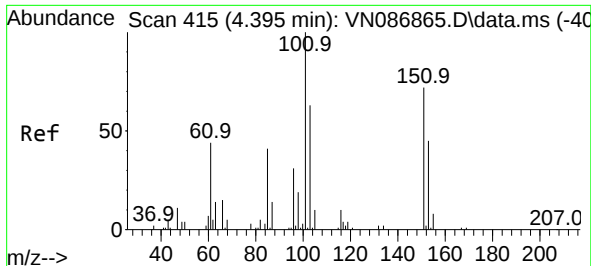
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#8
 Diethyl Ether
 Concen: 59.305 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN086996.D
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Tgt Ion: 74 Resp: 85377
 Ion Ratio Lower Upper
 74 100
 45 83.8 45.5 136.5





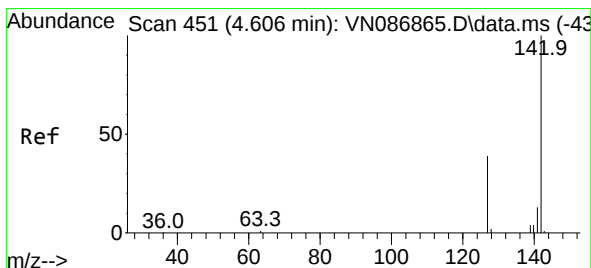
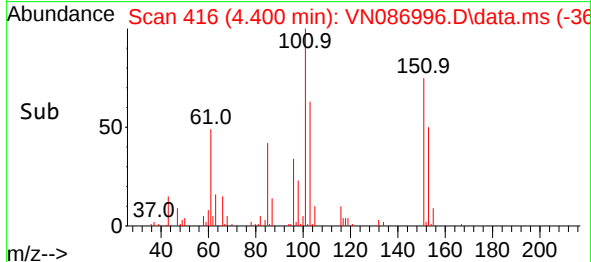
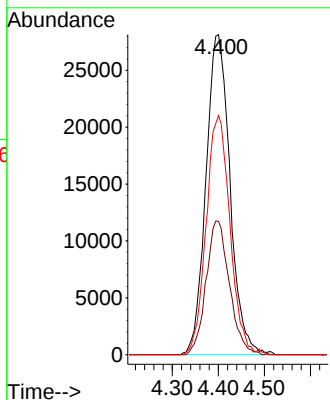
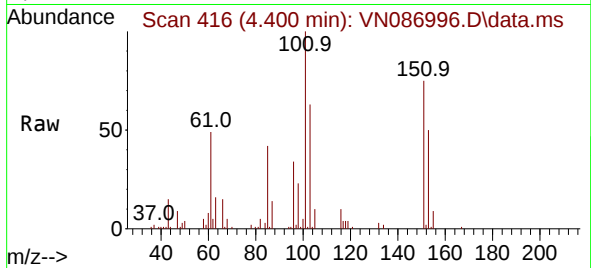
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.231 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 102200
Ion Ratio Lower Upper
101 100
85 40.5 33.8 50.8
151 73.7 58.7 88.1

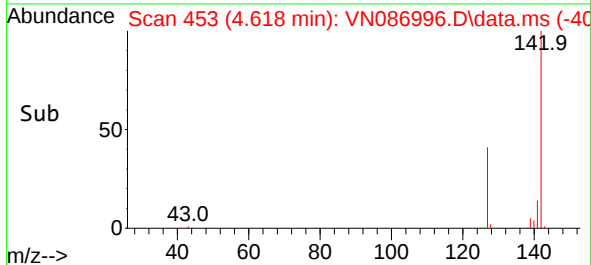
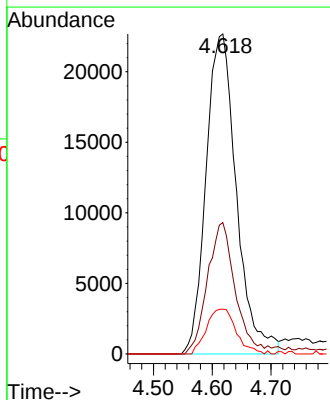
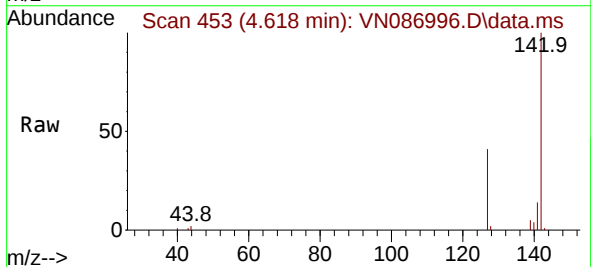
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#10
Methyl Iodide
Concen: 30.223 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

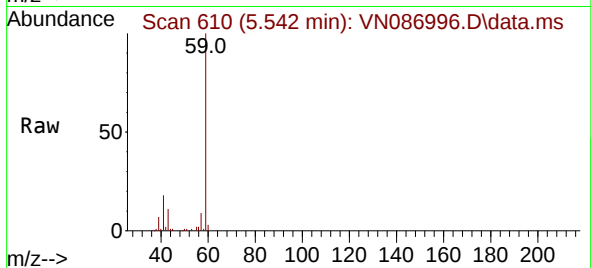
Tgt Ion:142 Resp: 81332
Ion Ratio Lower Upper
142 100
127 41.0 30.9 46.3
141 14.0 10.4 15.6





#11
Tert butyl alcohol
Concen: 259.155 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

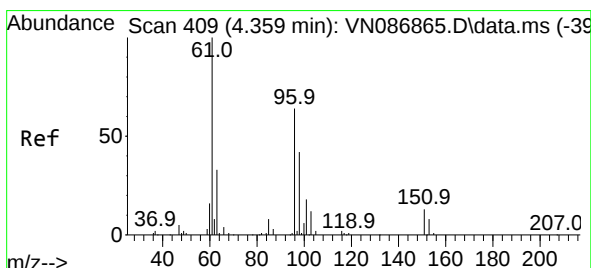
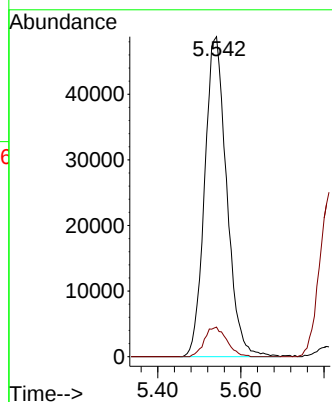
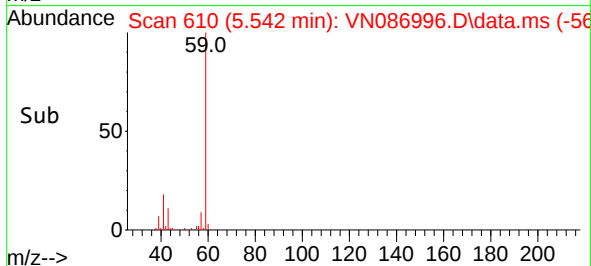
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



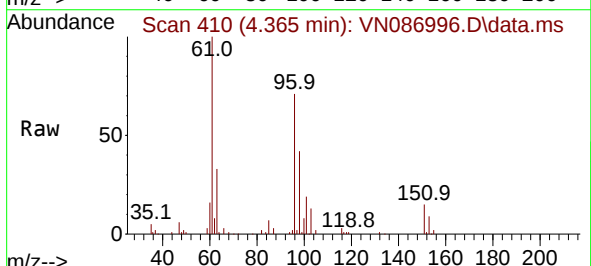
Tgt Ion: 59 Resp: 179272
Ion Ratio Lower Upper
59 100
57 9.4 8.1 12.1

Manual Integrations
APPROVED

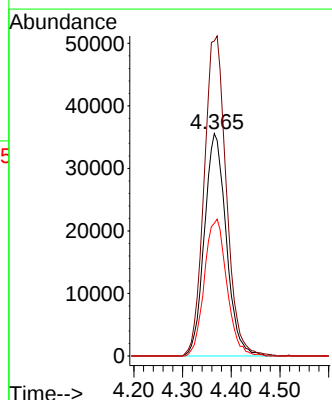
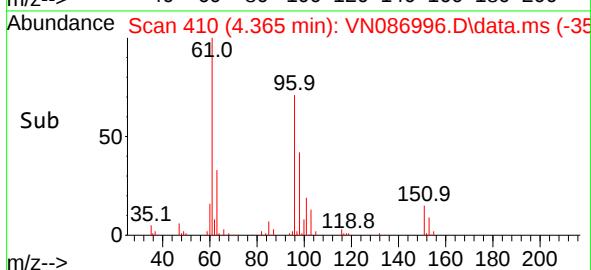
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

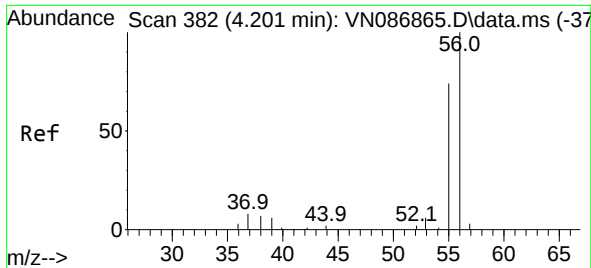


#12
1,1-Dichloroethene
Concen: 52.196 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



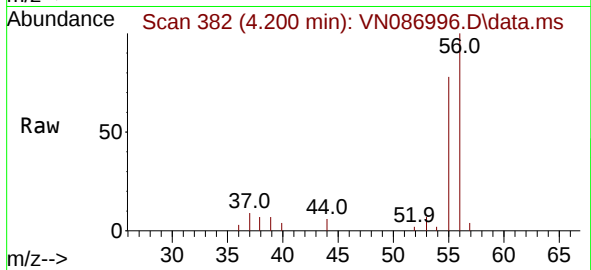
Tgt Ion: 96 Resp: 110621
Ion Ratio Lower Upper
96 100
61 141.6 125.8 188.6
98 59.6 52.5 78.7





#13
Acrolein
Concen: 134.505 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

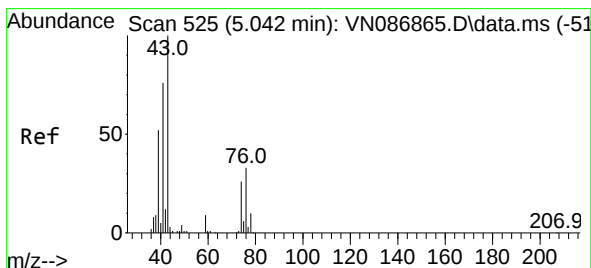
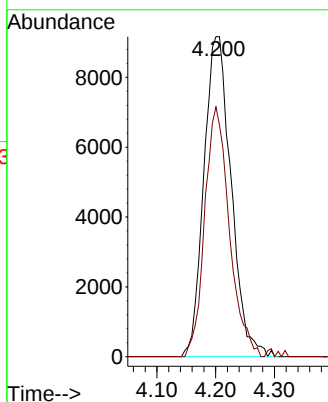
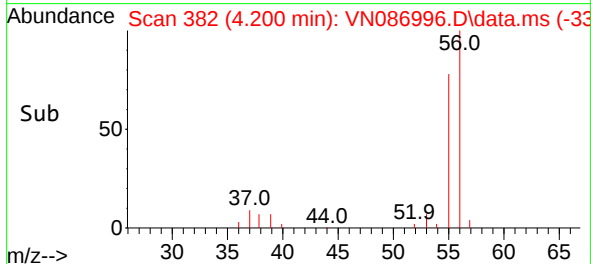
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 29452
Ion Ratio Lower Upper
56 100
55 70.7 55.6 83.4

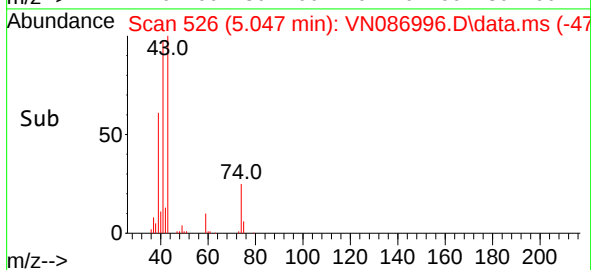
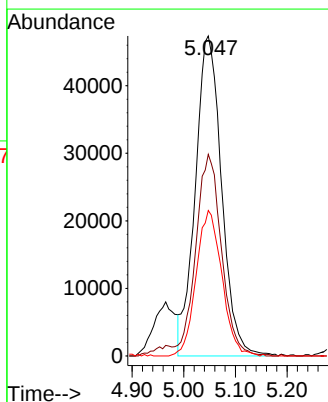
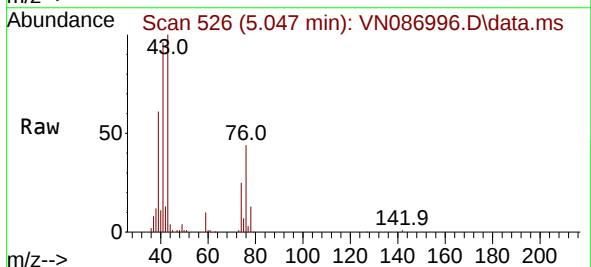
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#14
Allyl chloride
Concen: 47.673 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

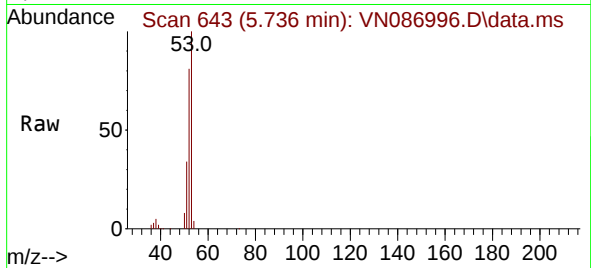
Tgt Ion: 41 Resp: 167560
Ion Ratio Lower Upper
41 100
39 61.5 51.3 76.9
76 44.4 31.4 47.0





#15
Acrylonitrile
Concen: 265.480 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

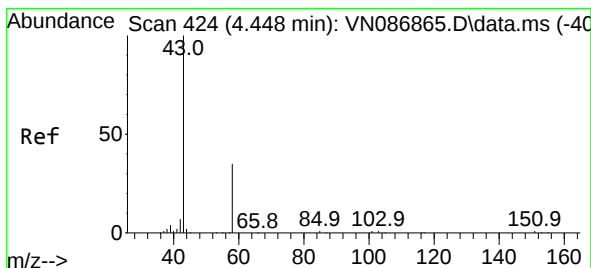
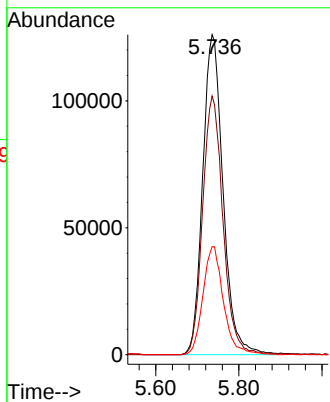
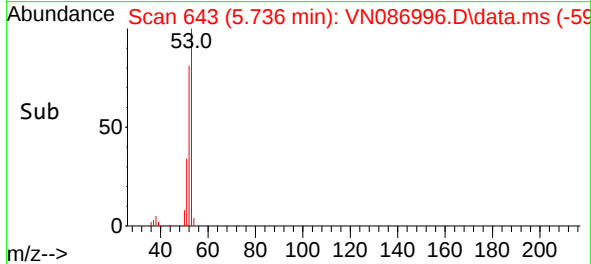
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 429249
Ion Ratio Lower Upper
53 100
52 81.0 65.0 97.6
51 34.0 27.2 40.8

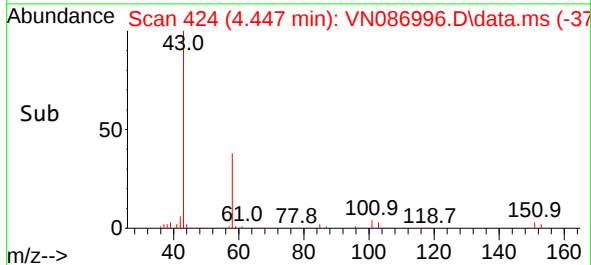
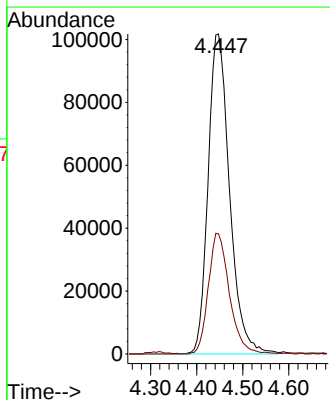
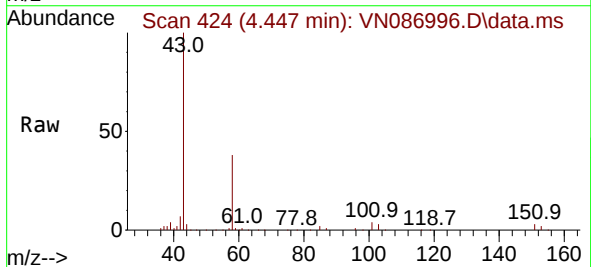
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#16
Acetone
Concen: 243.522 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

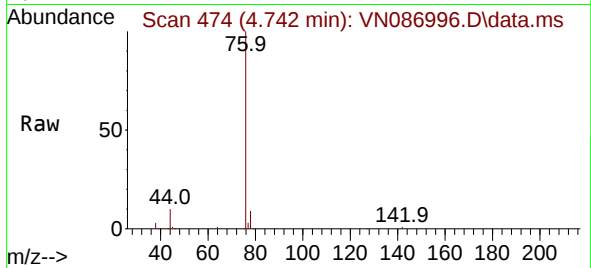
Tgt Ion: 43 Resp: 329234
Ion Ratio Lower Upper
43 100
58 37.3 28.0 42.0





#17
Carbon Disulfide
Concen: 55.851 ug/l
RT: 4.742 min Scan# 473
Delta R.T. 0.012 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

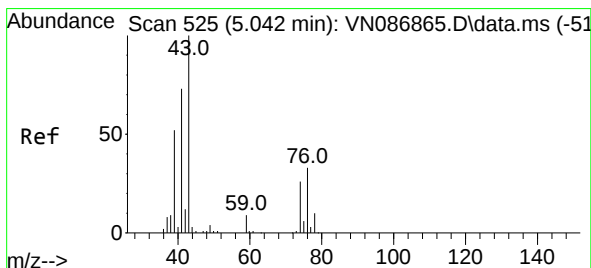
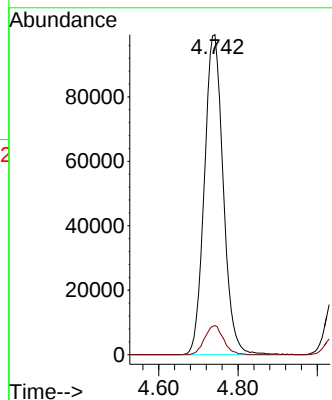
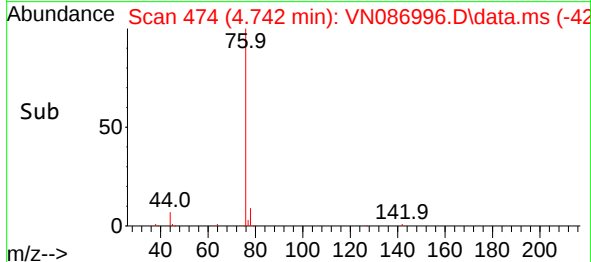
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 327418
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

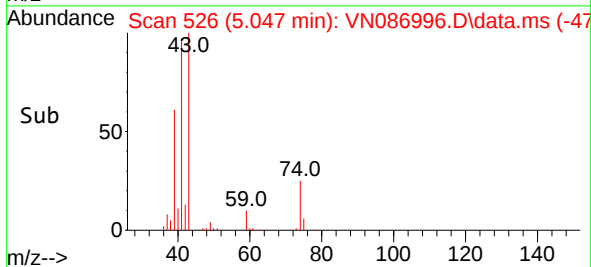
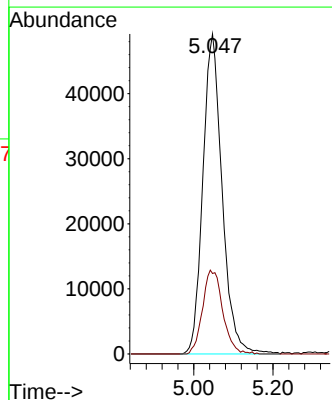
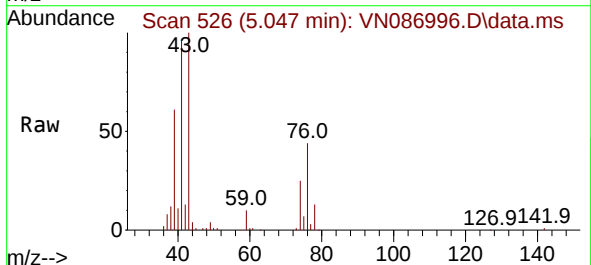
Manual Integrations
APPROVED

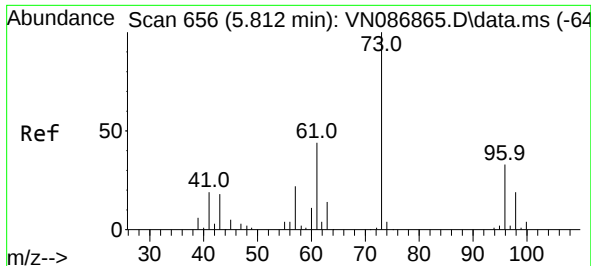
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#18
Methyl Acetate
Concen: 42.045 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

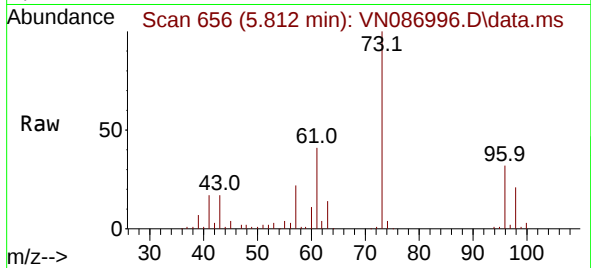
Tgt Ion: 43 Resp: 165652
Ion Ratio Lower Upper
43 100
74 27.4 20.7 31.1





#19
Methyl tert-butyl Ether
Concen: 55.607 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

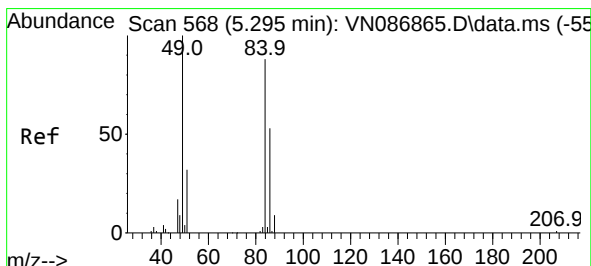
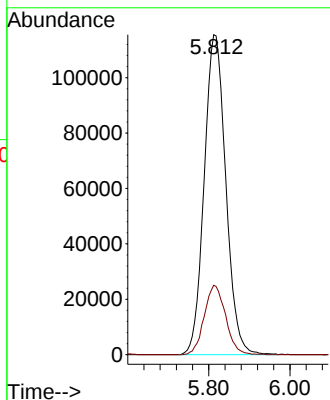
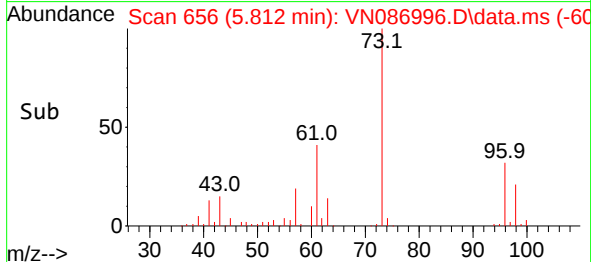
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



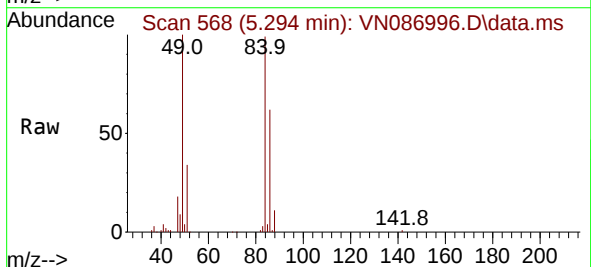
Tgt Ion: 73 Resp: 426708
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2

Manual Integrations
APPROVED

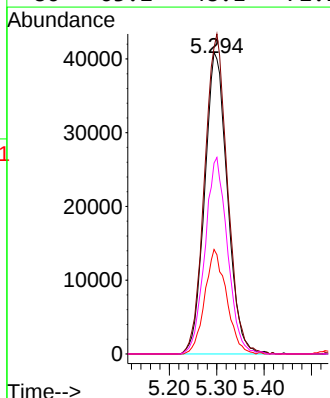
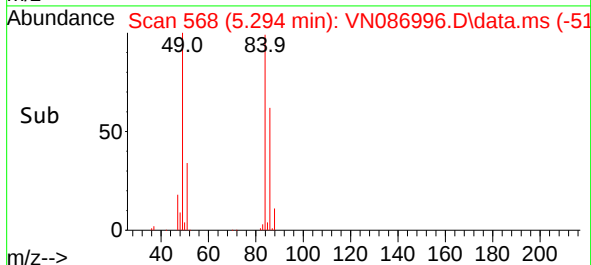
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

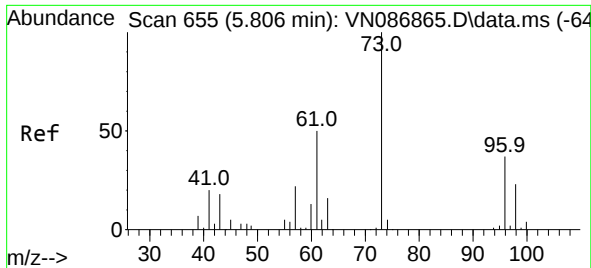


#20
Methylene Chloride
Concen: 53.804 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



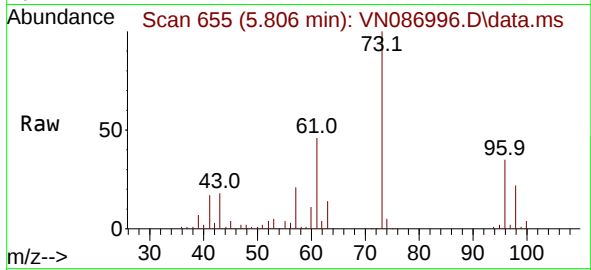
Tgt Ion: 84 Resp: 136185
Ion Ratio Lower Upper
84 100
49 101.4 90.5 135.7
51 34.6 28.5 42.7
86 63.2 48.1 72.1





#21
trans-1,2-Dichloroethene
Concen: 52.316 ug/l
RT: 5.806 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

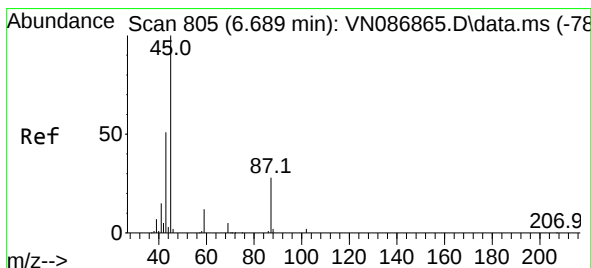
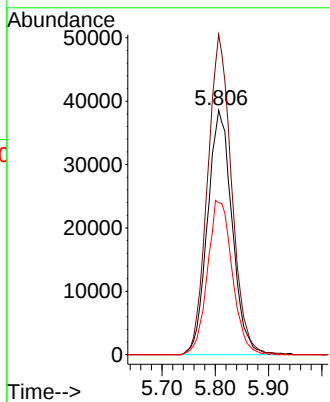
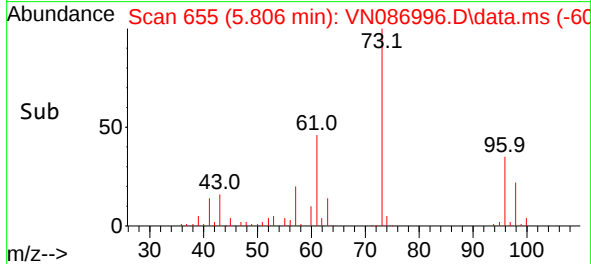
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



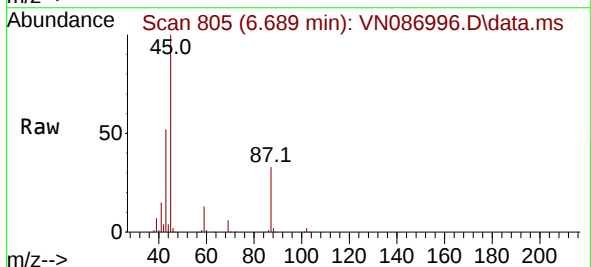
Tgt Ion: 96 Resp: 123359
Ion Ratio Lower Upper
96 100
61 130.9 109.2 163.8
98 62.1 49.8 74.8

Manual Integrations
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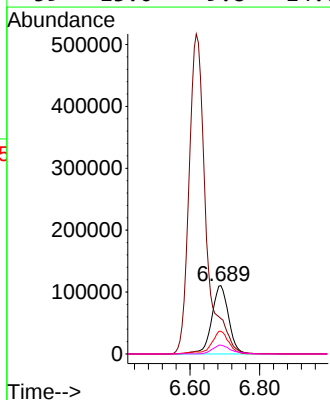
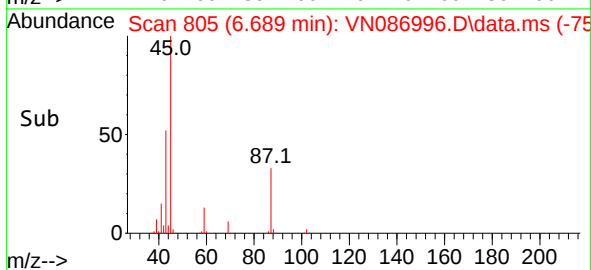
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#22
Diisopropyl ether
Concen: 50.223 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



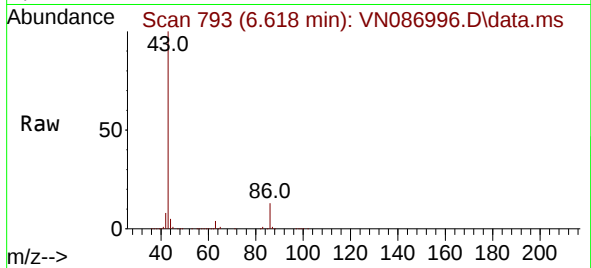
Tgt Ion: 45 Resp: 372100
Ion Ratio Lower Upper
45 100
43 51.5 41.9 62.9
87 33.3 22.4 33.6
59 13.0 9.8 14.6





#23
 Vinyl Acetate
 Concen: 276.228 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086996.D
 Acq: 13 Jun 2025 12:52

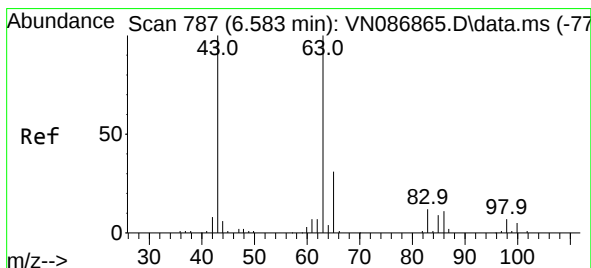
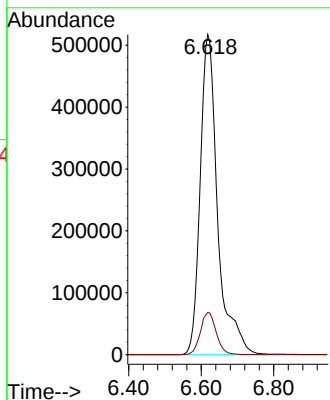
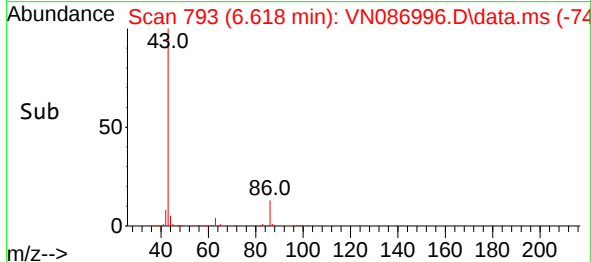
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



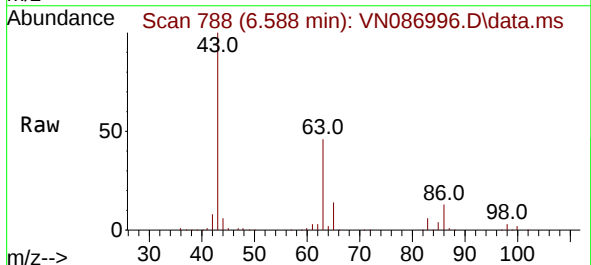
Tgt Ion: 43 Resp: 172911
 Ion Ratio Lower Upper
 43 100
 86 13.2 9.5 14.3

Manual Integrations
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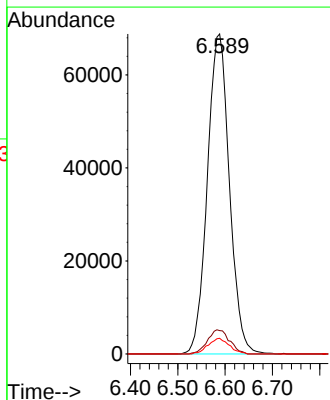
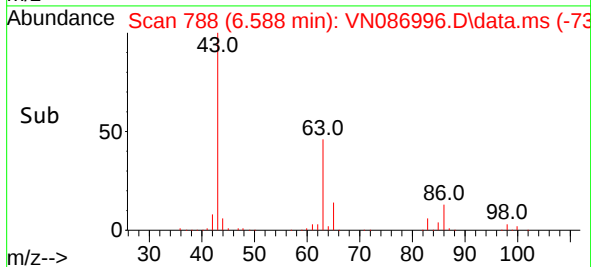
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#24
 1,1-Dichloroethane
 Concen: 52.162 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. 0.006 min
 Lab File: VN086996.D
 Acq: 13 Jun 2025 12:52



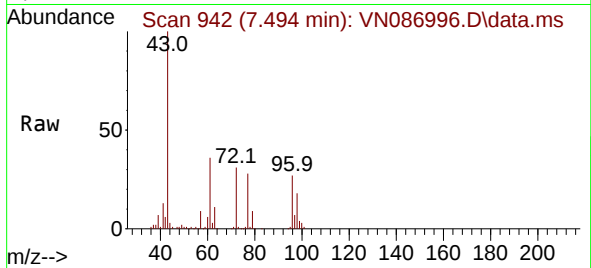
Tgt Ion: 63 Resp: 222402
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.9 2.6 7.8





#25
2-Butanone
Concen: 246.825 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

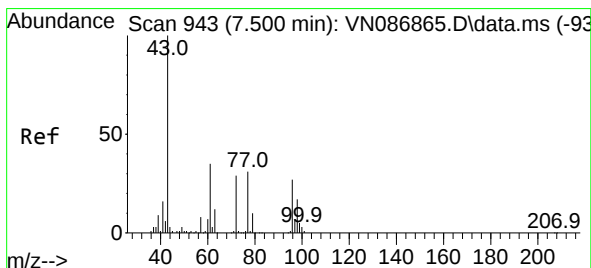
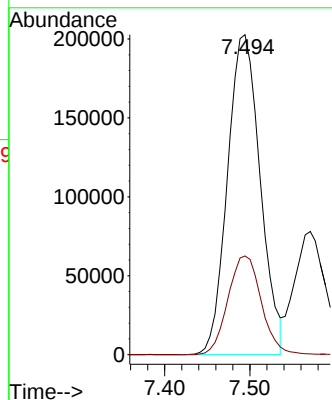
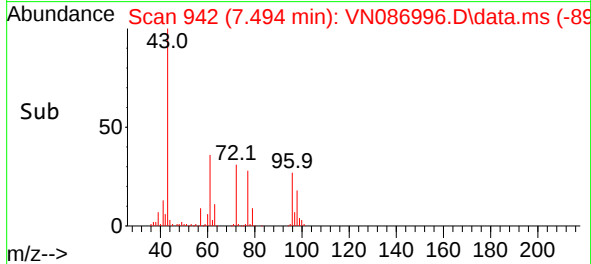
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 542418
Ion Ratio Lower Upper
43 100
72 30.8 23.0 34.6

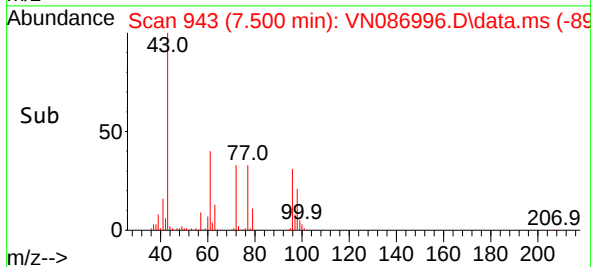
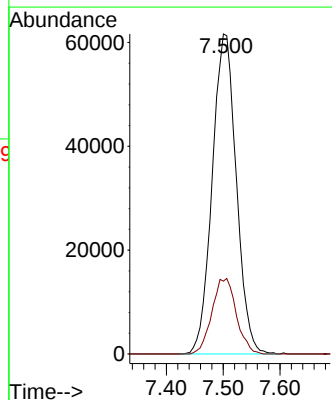
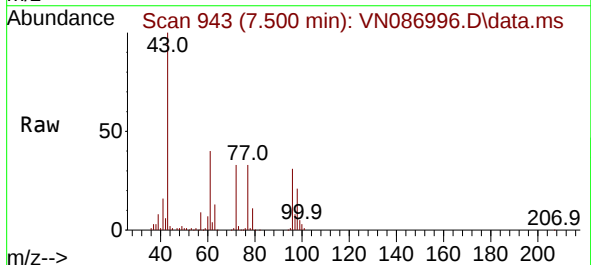
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#26
2,2-Dichloropropane
Concen: 54.680 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

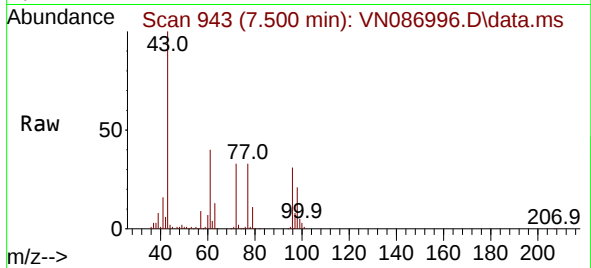
Tgt Ion: 77 Resp: 181352
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 54.931 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086996.D
 Acq: 13 Jun 2025 12:52

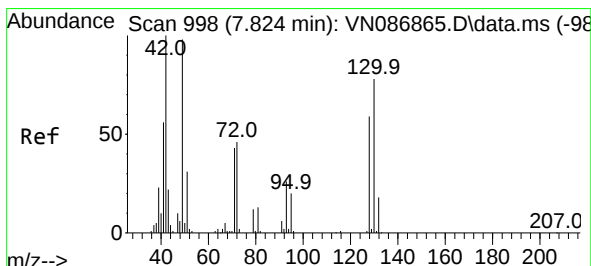
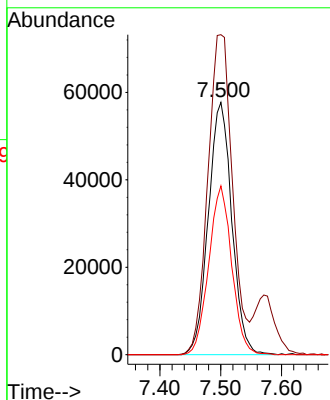
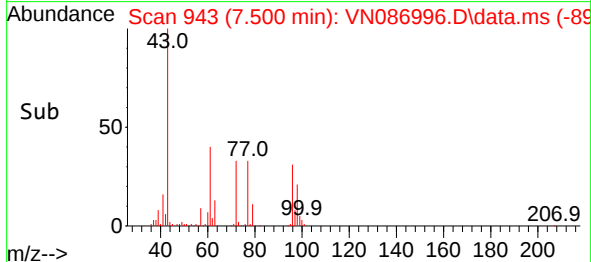
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 15490
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 278.0
 98 65.3 0.0 128.2

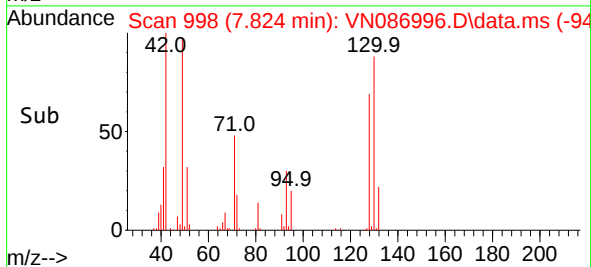
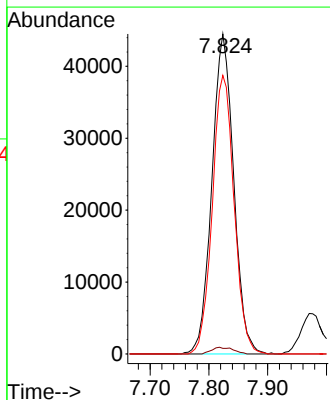
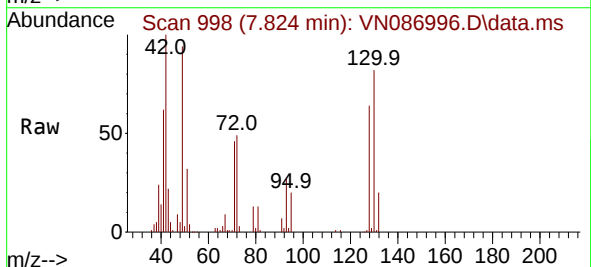
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#28
 Bromochloromethane
 Concen: 54.591 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086996.D
 Acq: 13 Jun 2025 12:52

Tgt Ion: 49 Resp: 114442
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 87.0 62.2 93.2





#29

Tetrahydrofuran

Concen: 250.623 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN086996.D

Acq: 13 Jun 2025 12:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 358784

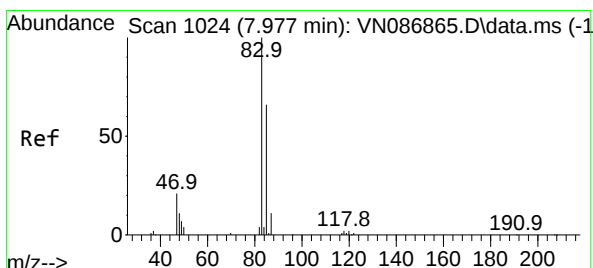
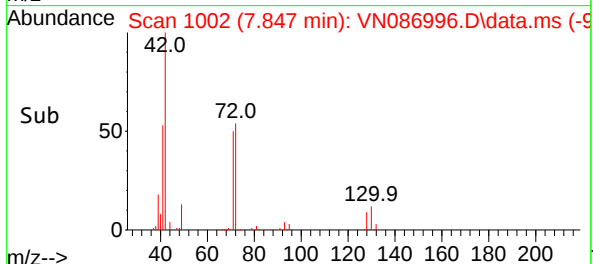
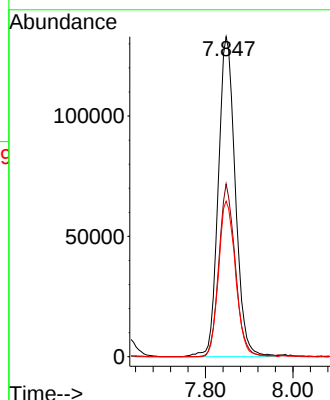
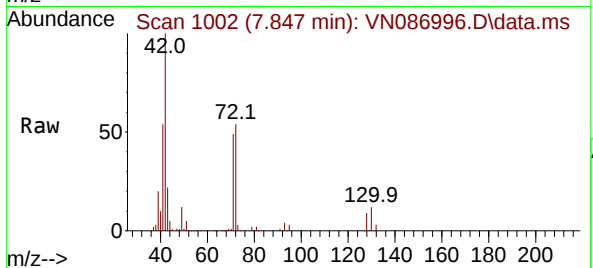
Ion	Ratio	Lower	Upper
42	100		
72	51.9	37.8	56.6
71	48.5	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#30

Chloroform

Concen: 51.983 ug/l

RT: 7.977 min Scan# 1024

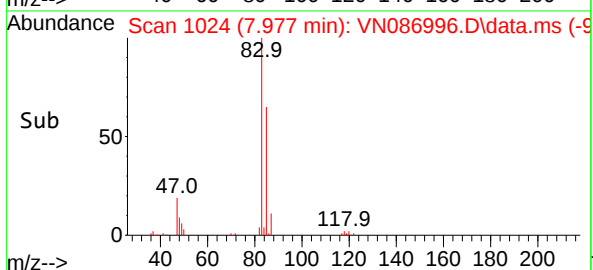
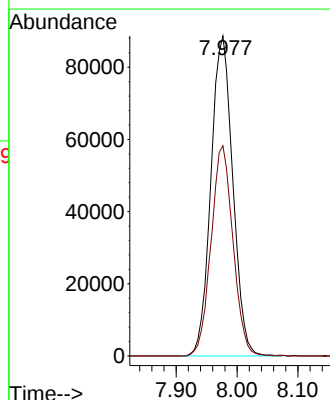
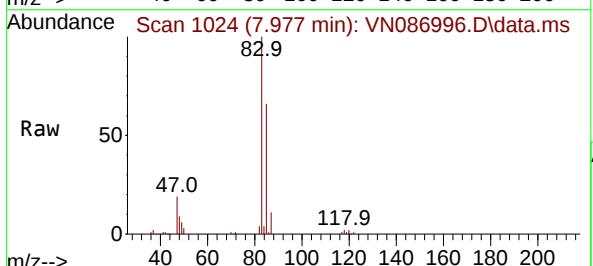
Delta R.T. -0.000 min

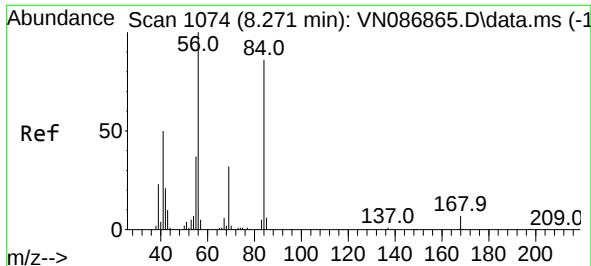
Lab File: VN086996.D

Acq: 13 Jun 2025 12:52

Tgt Ion: 83 Resp: 221340

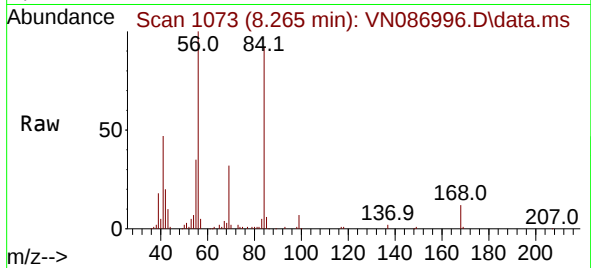
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.9	79.3





#31
Cyclohexane
Concen: 43.987 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

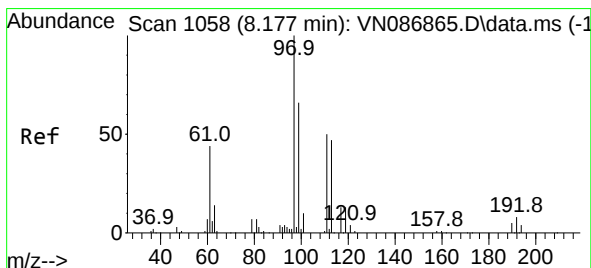
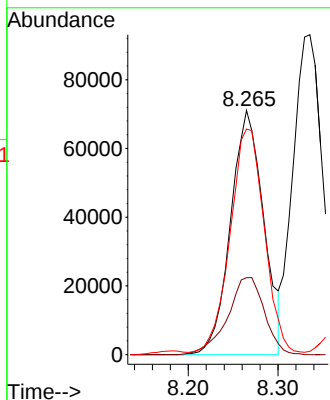
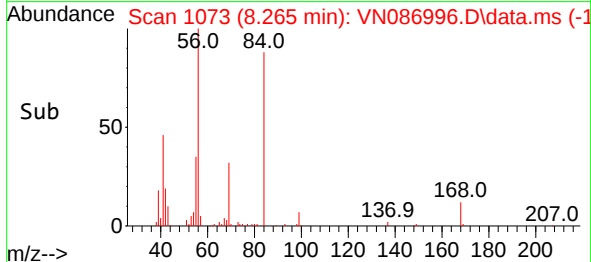
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 18188
Ion Ratio Lower Upper
56 100
69 31.5 25.4 38.0
84 90.9 68.8 103.2

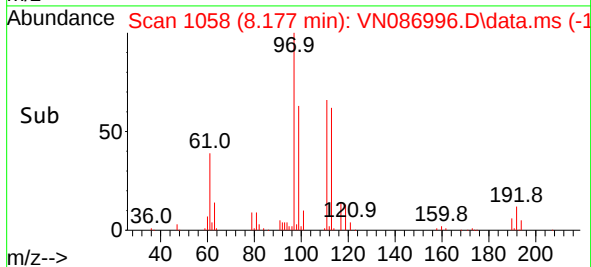
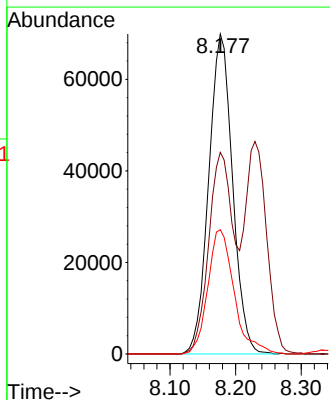
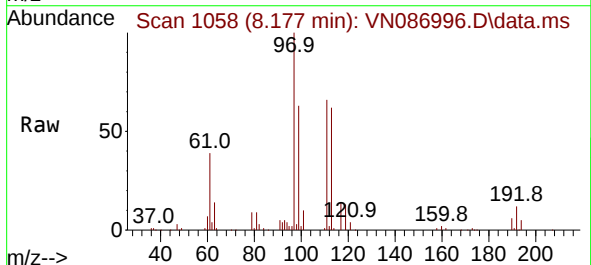
Manual Integrations
APPROVED

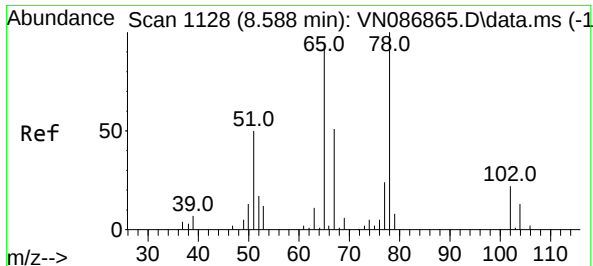
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#32
1,1,1-Trichloroethane
Concen: 48.720 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Tgt Ion: 97 Resp: 176440
Ion Ratio Lower Upper
97 100
99 66.0 52.0 78.0
61 42.9 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 49.645 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN086996.D

Acq: 13 Jun 2025 12:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 126564

Ion Ratio Lower Upper

65 100

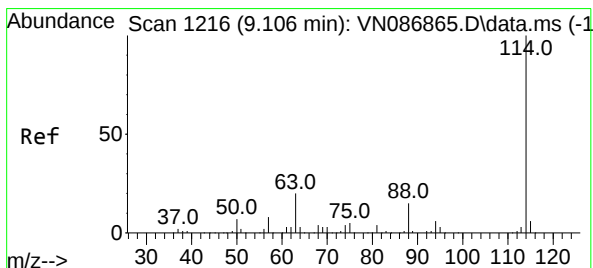
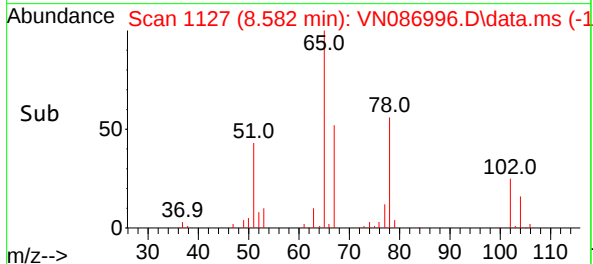
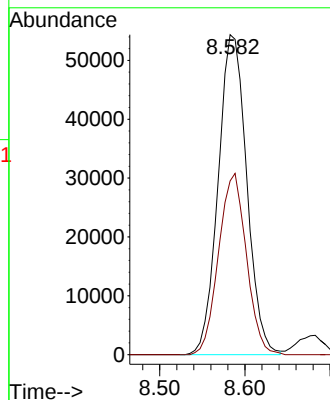
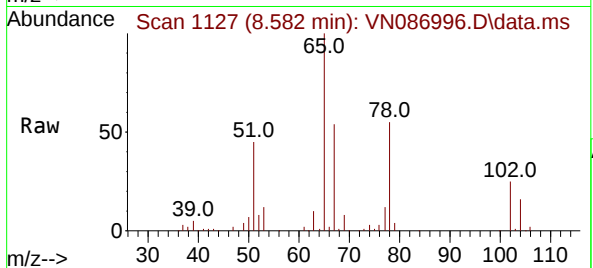
67 55.1 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086996.D

Acq: 13 Jun 2025 12:52

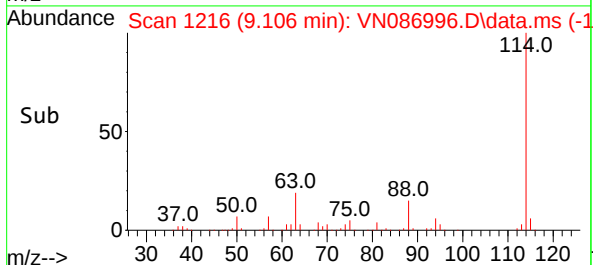
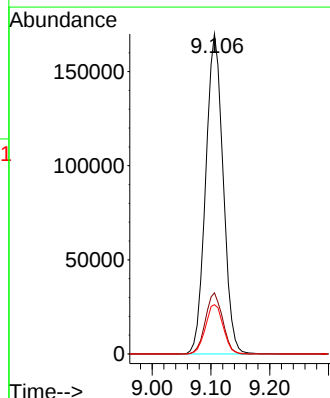
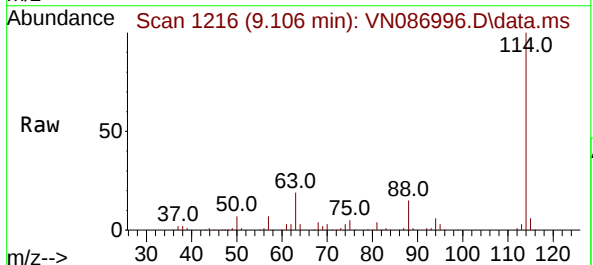
Tgt Ion:114 Resp: 349185

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

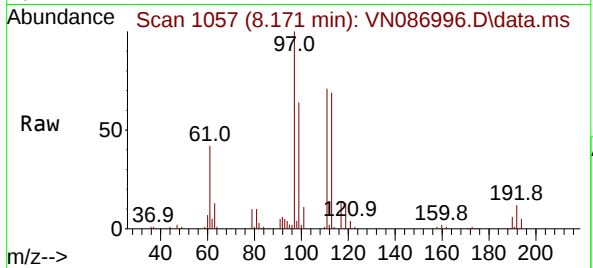
88 15.4 0.0 30.2





#35
Dibromofluoromethane
Concen: 53.613 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

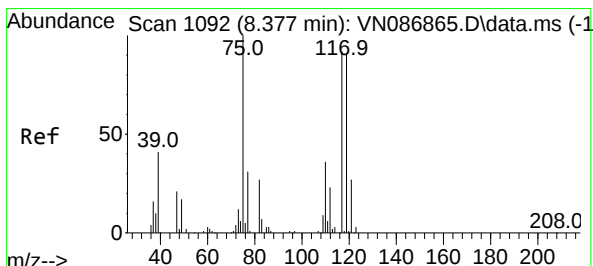
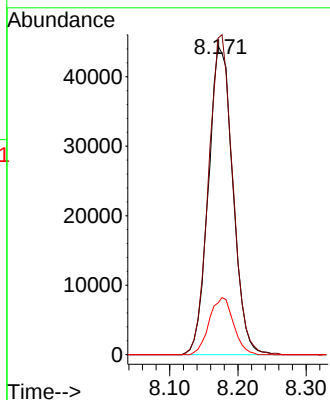
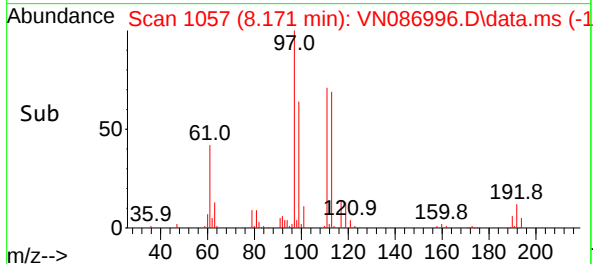
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



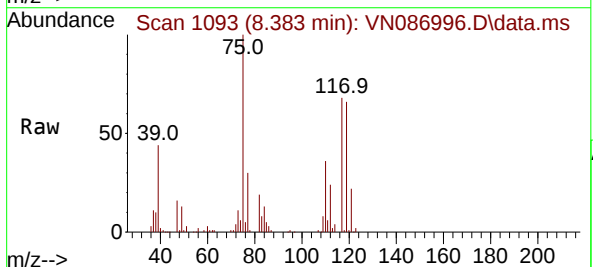
Tgt Ion: 113 Resp: 11094
Ion Ratio Lower Upper
113 100
111 102.3 84.2 126.2
192 18.3 14.2 21.4

Manual Integrations
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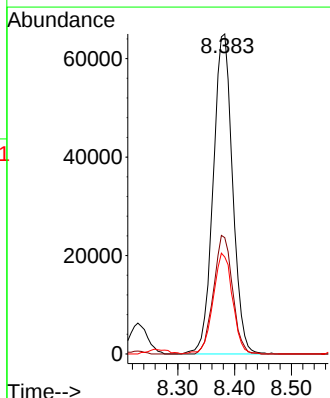
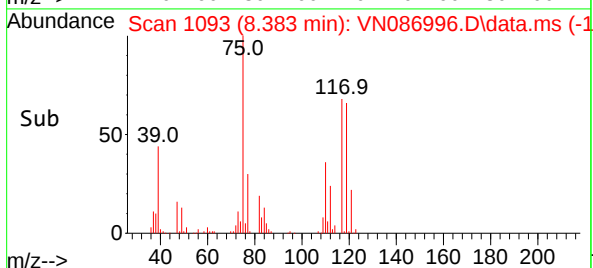
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#36
1,1-Dichloropropene
Concen: 49.963 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



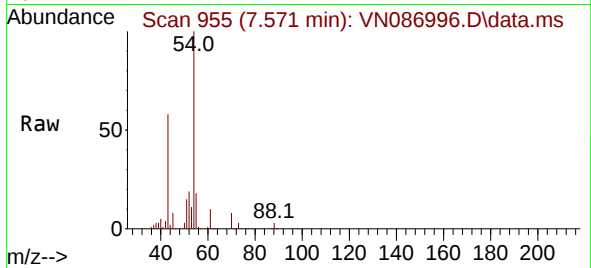
Tgt Ion: 75 Resp: 154064
Ion Ratio Lower Upper
75 100
110 36.3 17.6 52.9
77 31.6 25.3 37.9





#37
Ethyl Acetate
Concen: 52.914 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

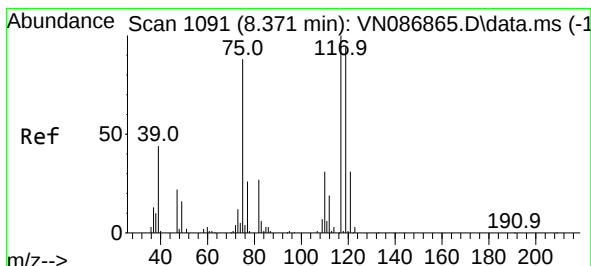
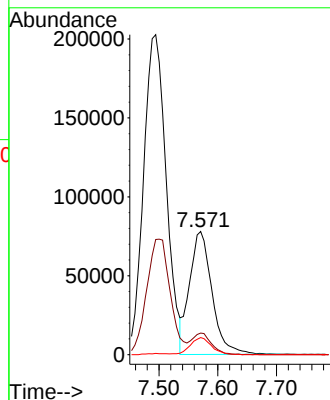
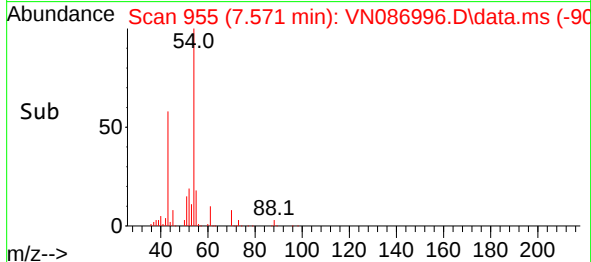
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 207704
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 13.1 9.8 14.6

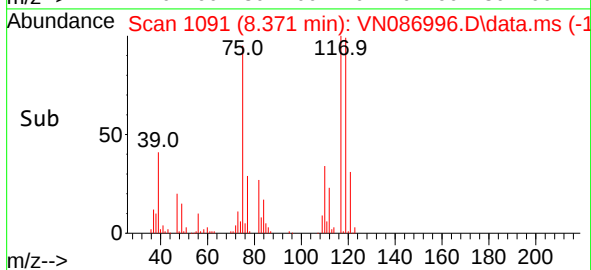
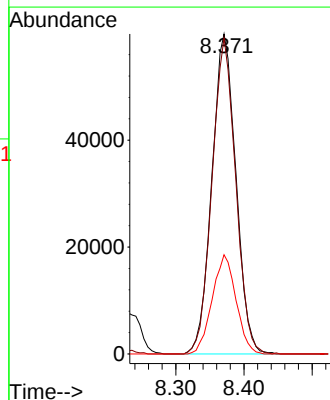
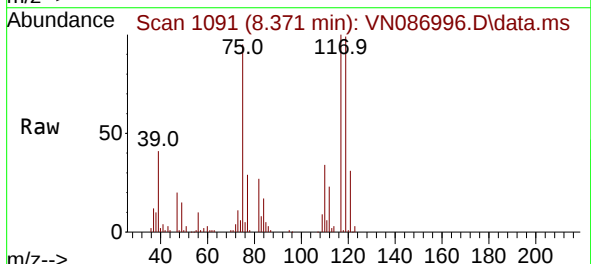
Manual Integrations
APPROVED

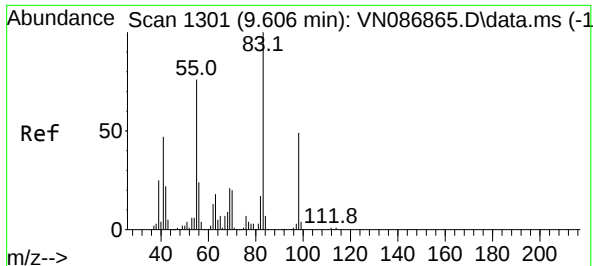
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#38
Carbon Tetrachloride
Concen: 48.564 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

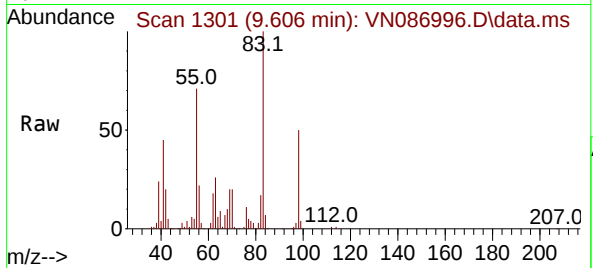
Tgt Ion:117 Resp: 147019
Ion Ratio Lower Upper
117 100
119 98.7 75.0 112.6
121 31.0 24.9 37.3





#39
Methylcyclohexane
Concen: 44.385 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

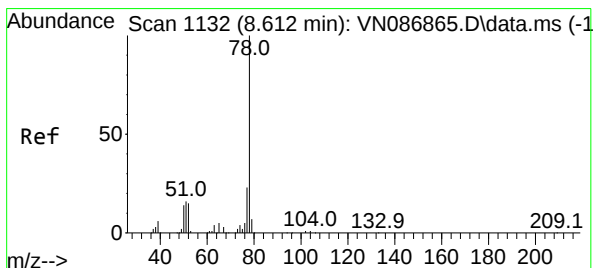
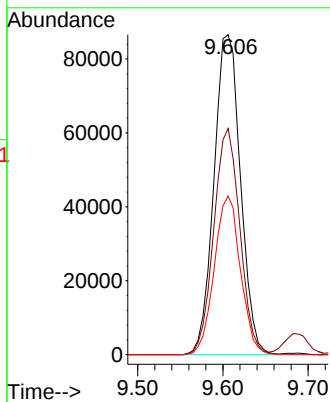
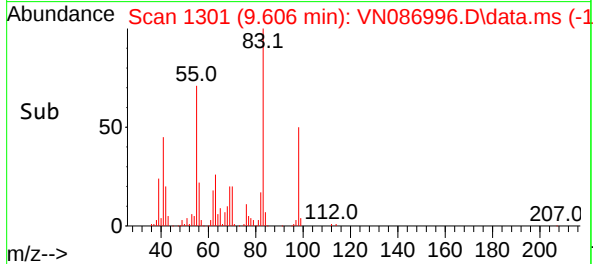
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



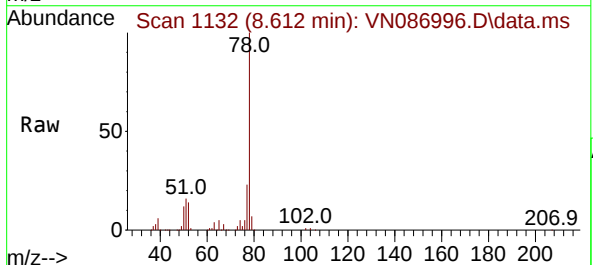
Tgt Ion: 83 Resp: 187509
Ion Ratio Lower Upper
83 100
55 70.7 61.0 91.6
98 49.5 38.9 58.3

Manual Integrations
APPROVED

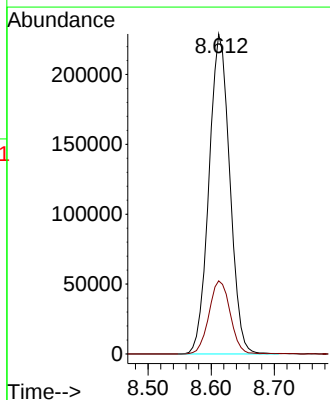
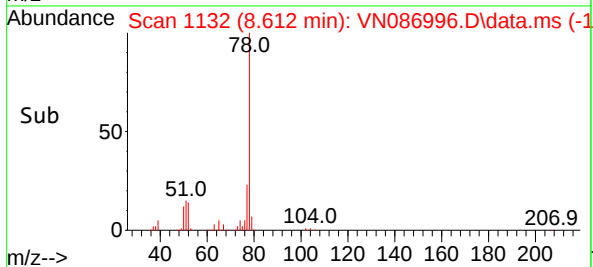
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#40
Benzene
Concen: 51.942 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



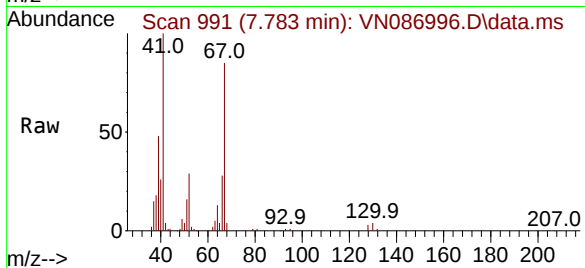
Tgt Ion: 78 Resp: 523742
Ion Ratio Lower Upper
78 100
77 22.9 18.7 28.1





#41
Methacrylonitrile
Concen: 48.771 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

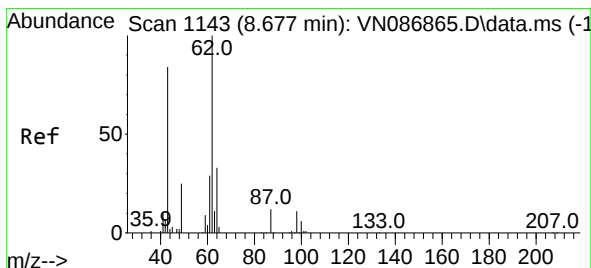
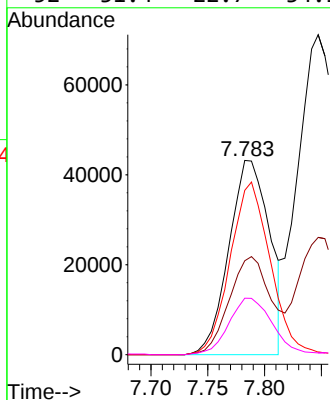
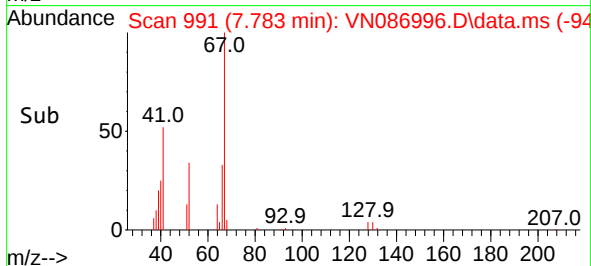
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 107519
Ion Ratio Lower Upper
41 100
39 52.7 41.2 61.8
67 88.3 61.4 92.2
52 31.4 22.7 34.1

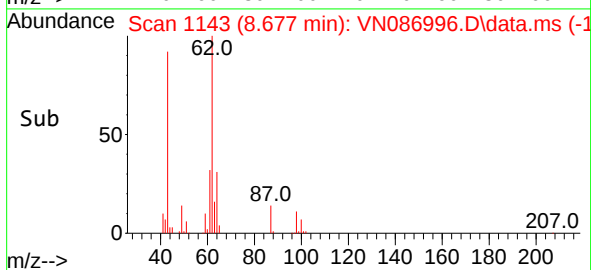
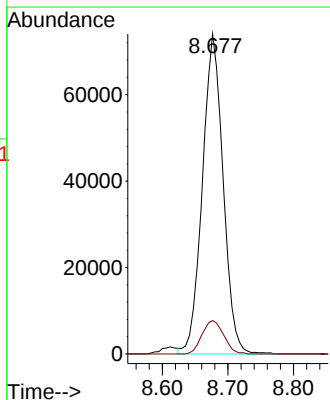
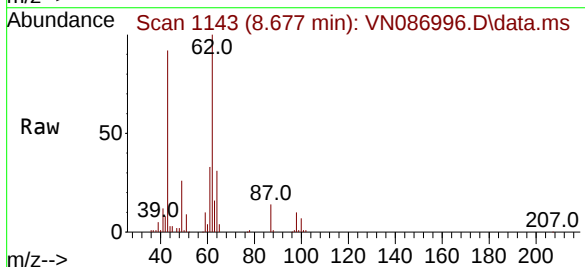
Manual Integrations
APPROVED

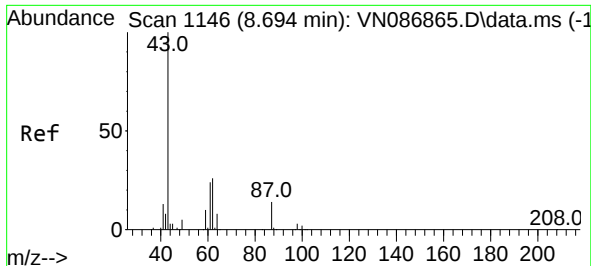
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#42
1,2-Dichloroethane
Concen: 53.302 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

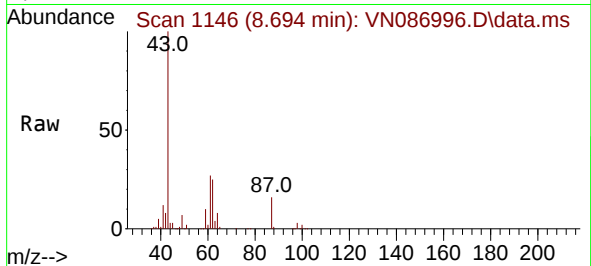
Tgt Ion: 62 Resp: 163016
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.2





#43
Isopropyl Acetate
Concen: 50.052 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

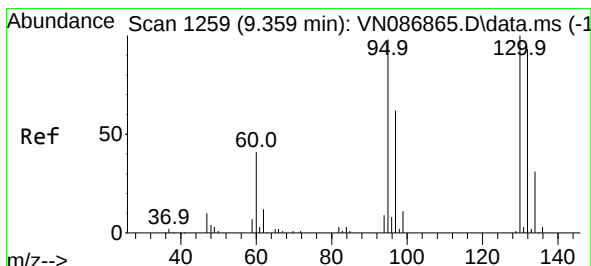
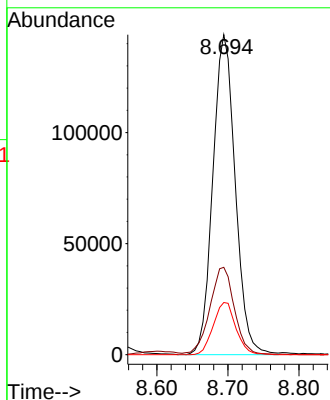
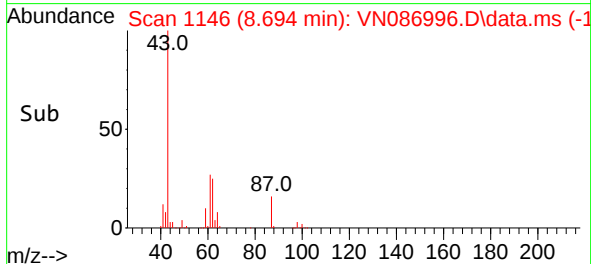
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



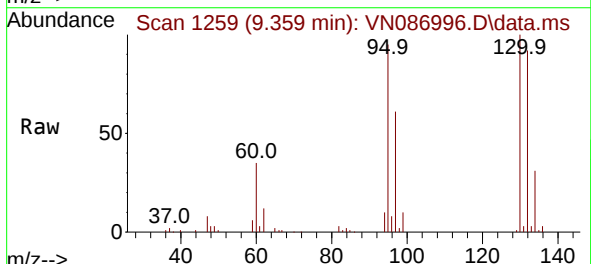
Tgt Ion: 43 Resp: 315339
Ion Ratio Lower Upper
43 100
61 30.0 22.1 33.1
87 16.4 11.8 17.6

Manual Integrations
APPROVED

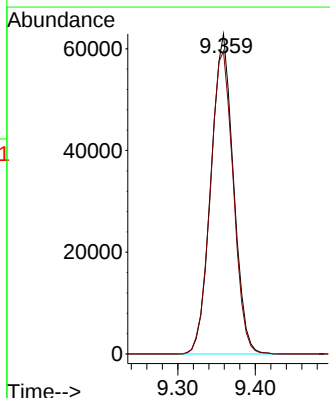
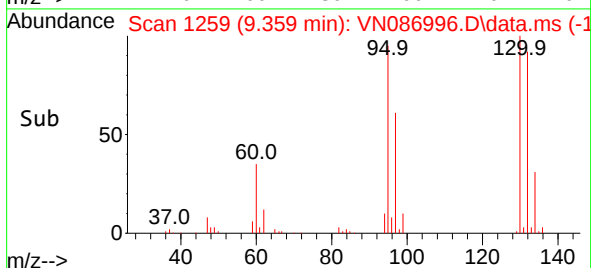
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

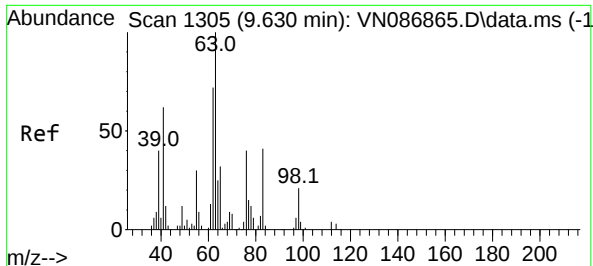


#44
Trichloroethene
Concen: 52.804 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



Tgt Ion:130 Resp: 126250
Ion Ratio Lower Upper
130 100
95 94.6 0.0 196.2





#45

1,2-Dichloropropane

Concen: 52.657 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN086996.D

Acq: 13 Jun 2025 12:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 12917

Ion Ratio Lower Upper

63 100

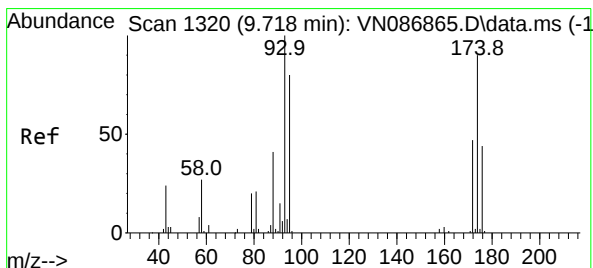
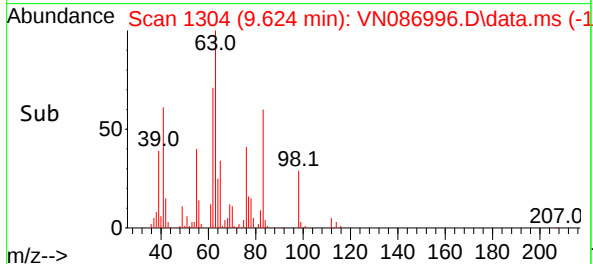
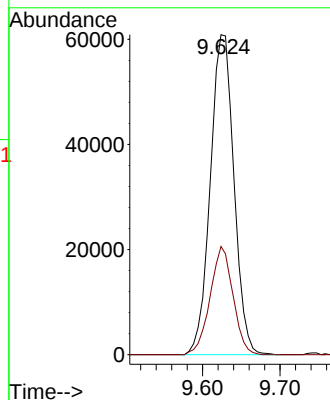
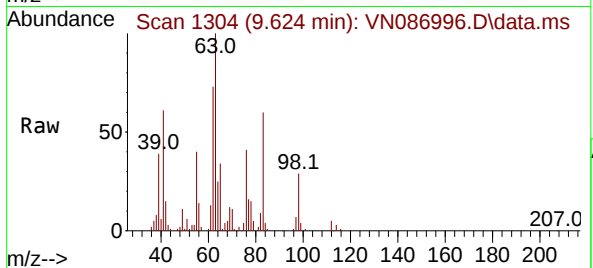
65 33.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#46

Dibromomethane

Concen: 56.724 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086996.D

Acq: 13 Jun 2025 12:52

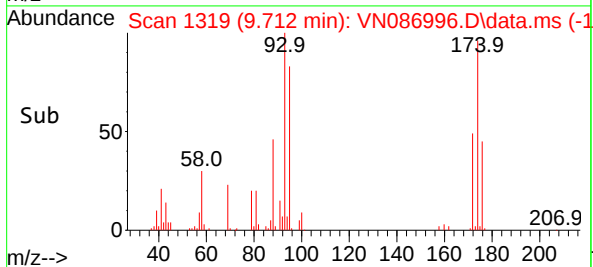
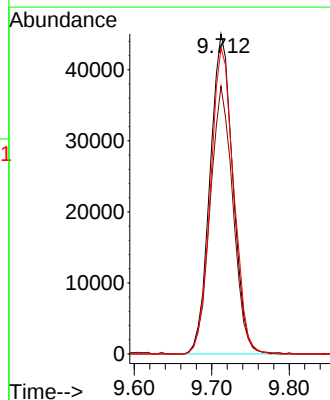
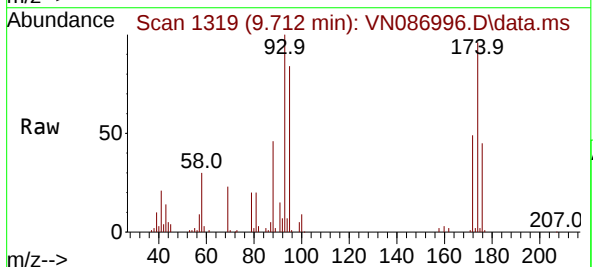
Tgt Ion: 93 Resp: 92427

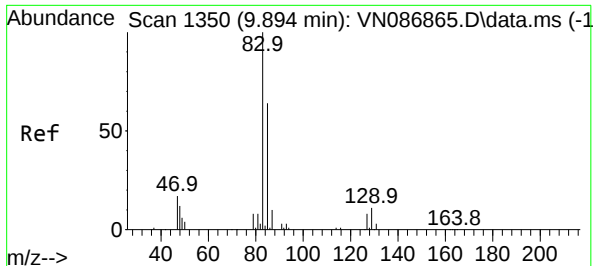
Ion Ratio Lower Upper

93 100

95 83.2 67.1 100.7

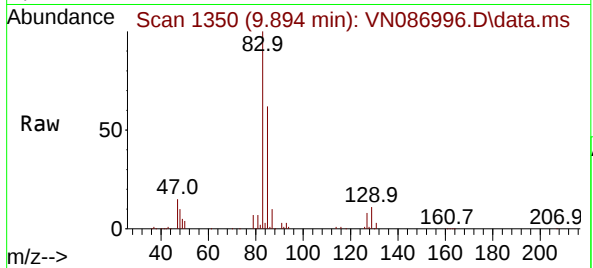
174 96.6 74.2 111.4





#47
Bromodichloromethane
Concen: 53.637 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

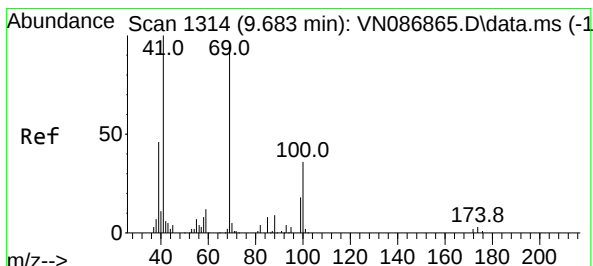
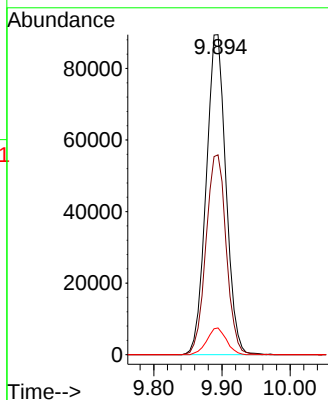
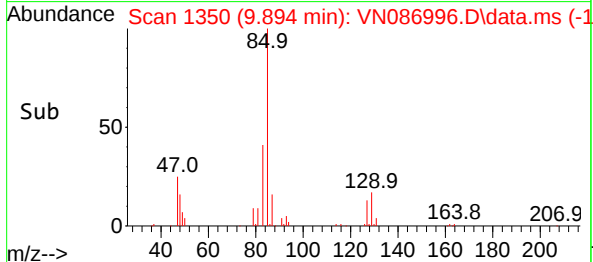
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



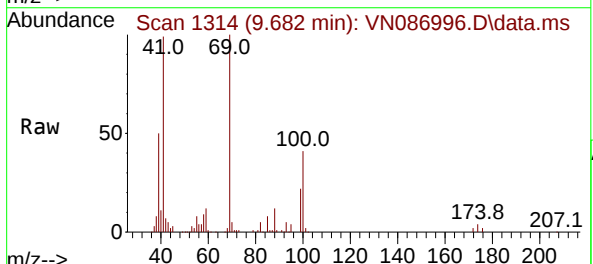
Tgt Ion: 83 Resp: 17981
Ion Ratio Lower Upper
83 100
85 62.5 50.9 76.3
127 8.4 6.6 10.0

Manual Integrations
APPROVED

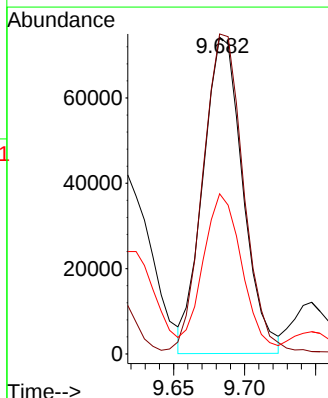
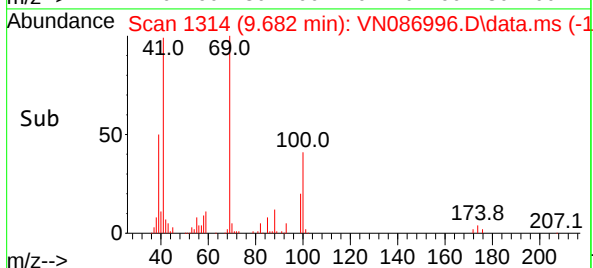
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

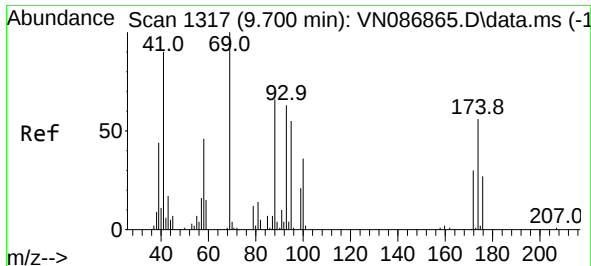


#48
Methyl methacrylate
Concen: 49.899 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



Tgt Ion: 41 Resp: 144695
Ion Ratio Lower Upper
41 100
69 103.2 74.6 112.0
39 50.4 40.2 60.4





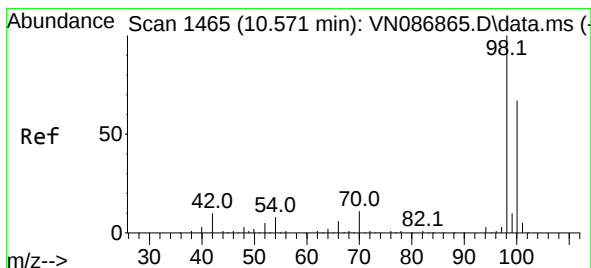
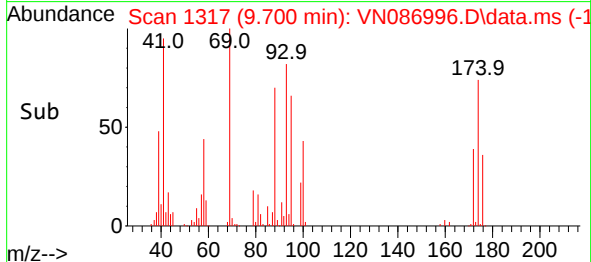
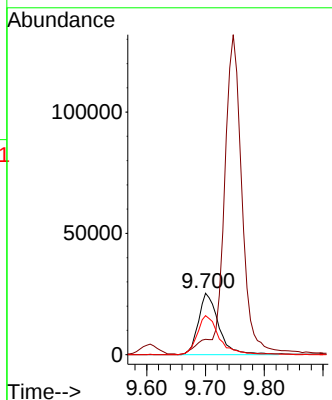
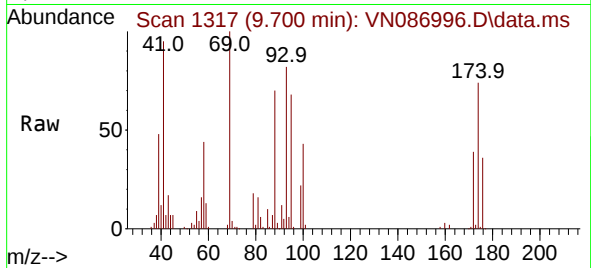
#49
1,4-Dioxane
Concen: 1154.073 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 6088
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 67.7 57.7 86.5

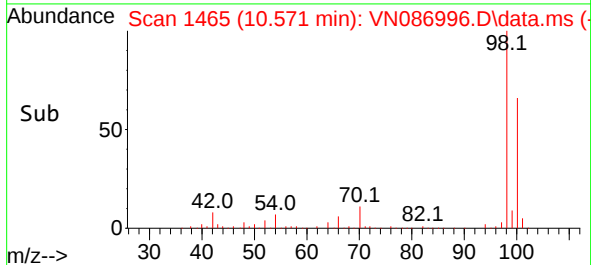
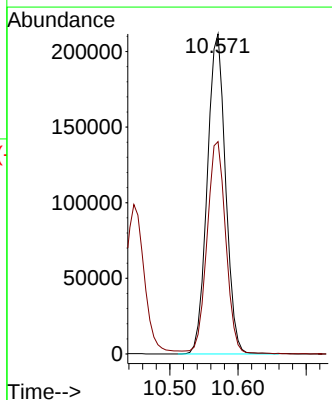
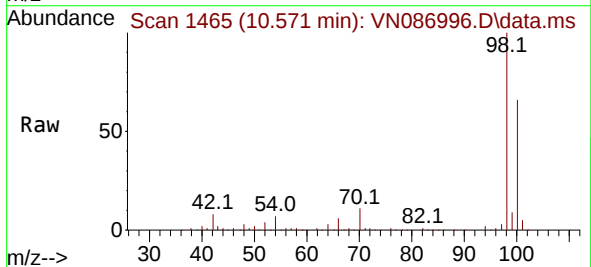
Manual Integrations
APPROVED

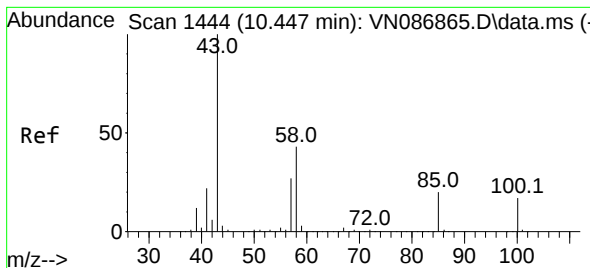
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#50
Toluene-d8
Concen: 48.224 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

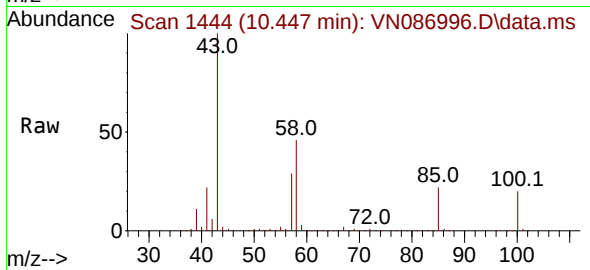
Tgt Ion: 98 Resp: 395054
Ion Ratio Lower Upper
98 100
100 68.4 53.4 80.0





#51
4-Methyl-2-Pentanone
Concen: 257.005 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

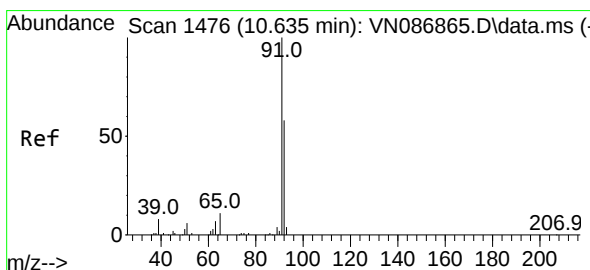
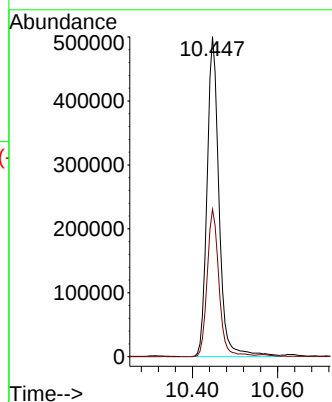
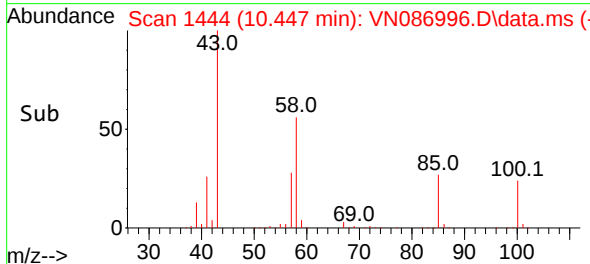
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



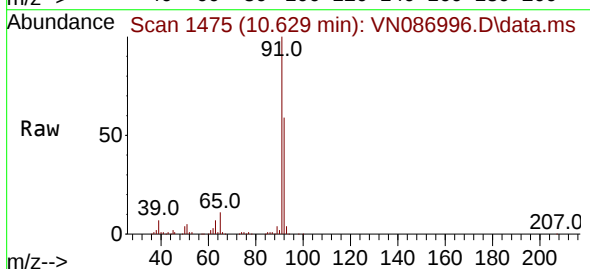
Tgt Ion: 43 Resp: 974760
Ion Ratio Lower Upper
43 100
58 45.5 34.2 51.4

Manual Integrations
APPROVED

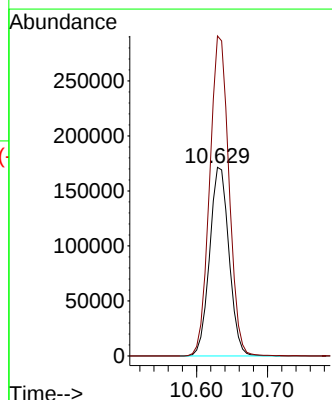
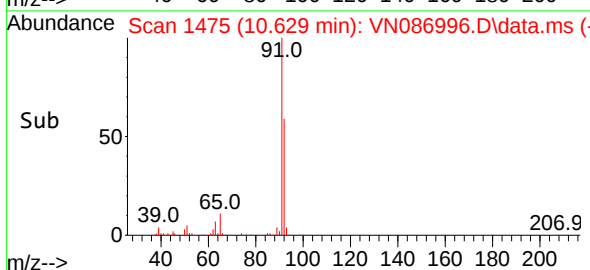
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

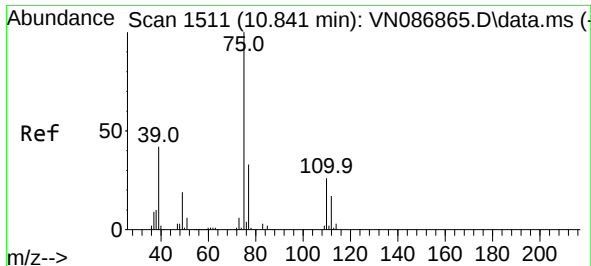


#52
Toluene
Concen: 52.663 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



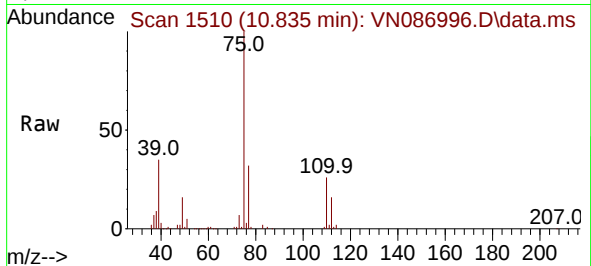
Tgt Ion: 92 Resp: 324520
Ion Ratio Lower Upper
92 100
91 169.4 136.5 204.7





#53
t-1,3-Dichloropropene
Concen: 57.068 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

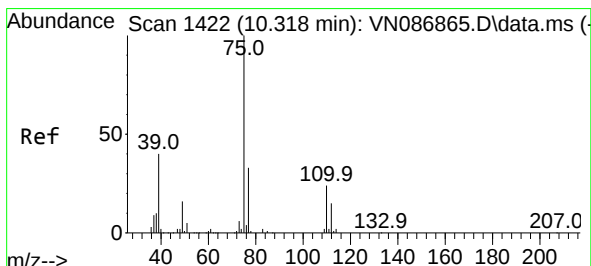
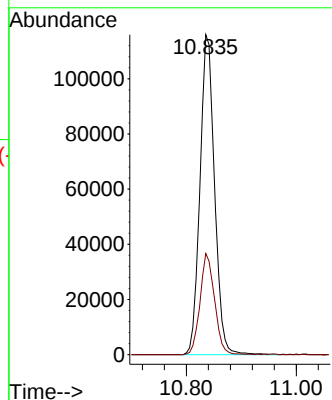
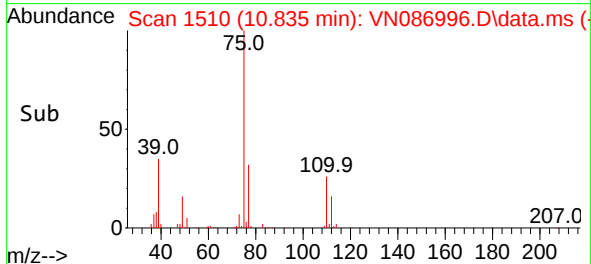
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 21393
Ion Ratio Lower Upper
75 100
77 31.6 26.4 39.6

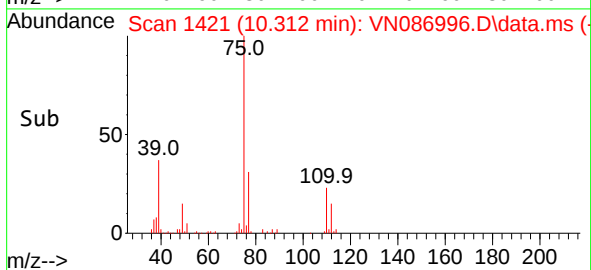
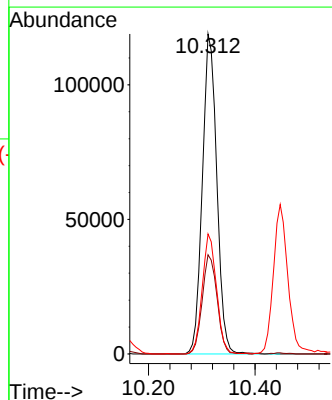
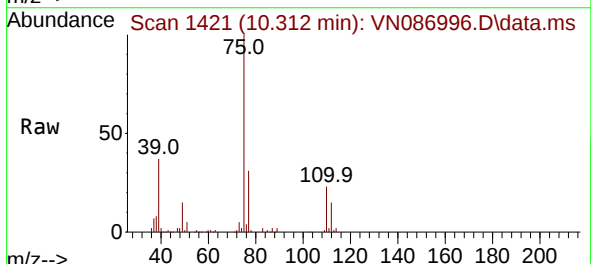
Manual Integrations
APPROVED

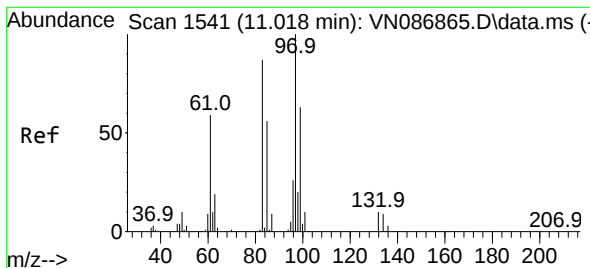
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#54
cis-1,3-Dichloropropene
Concen: 55.726 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

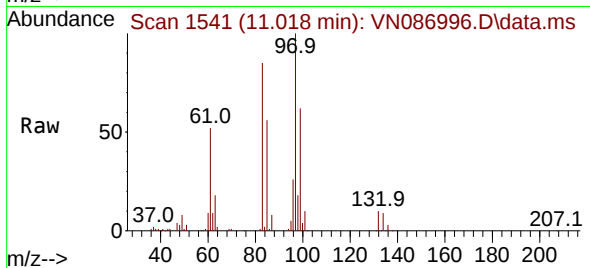
Tgt Ion: 75 Resp: 223518
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.4
39 37.5 32.3 48.5





#55
1,1,2-Trichloroethane
Concen: 55.000 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

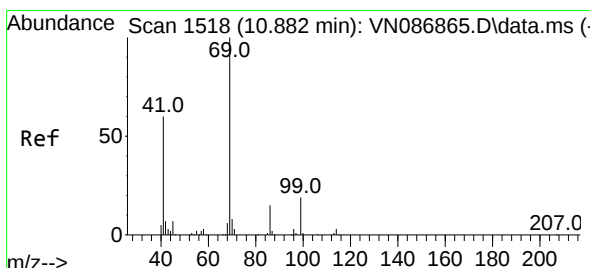
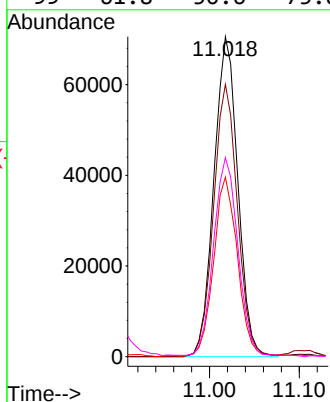
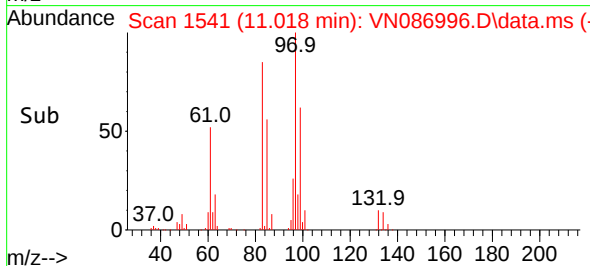
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



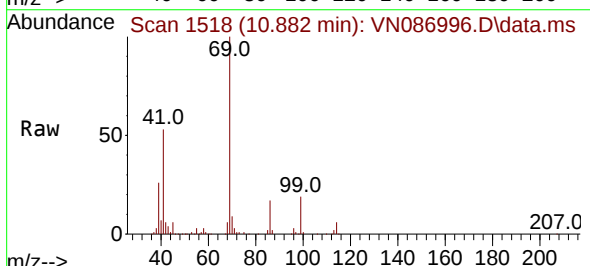
Tgt Ion: 97 Resp: 130409
Ion Ratio Lower Upper
97 100
83 85.1 69.7 104.5
85 55.8 45.1 67.7
99 61.8 50.6 75.8

Manual Integrations
APPROVED

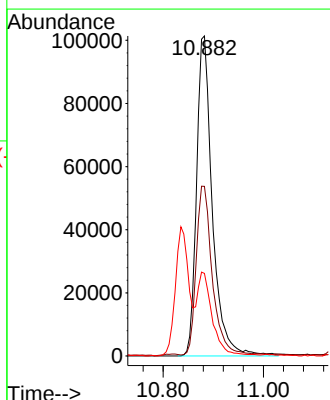
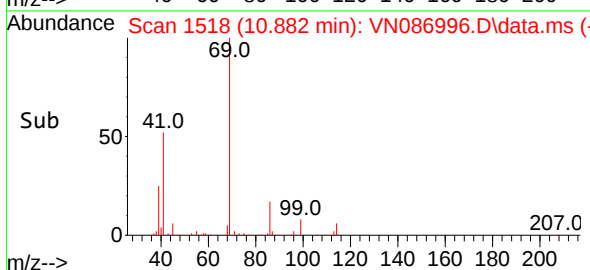
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

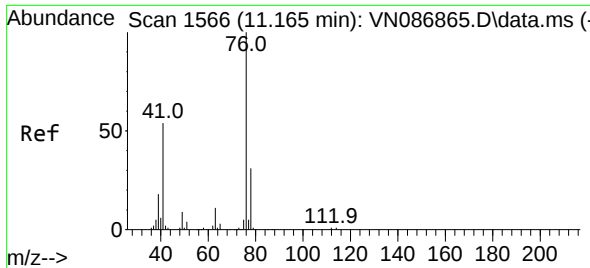


#56
Ethyl methacrylate
Concen: 58.775 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



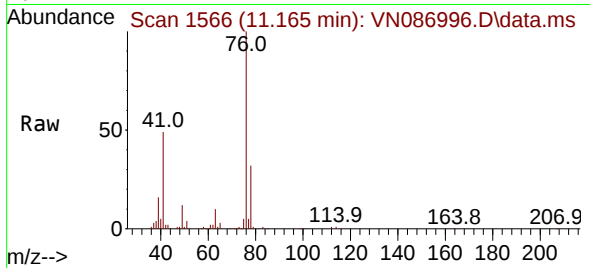
Tgt Ion: 69 Resp: 221967
Ion Ratio Lower Upper
69 100
41 53.8 47.2 70.8
39 25.2 23.0 34.6





#57
1,3-Dichloropropane
Concen: 54.739 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

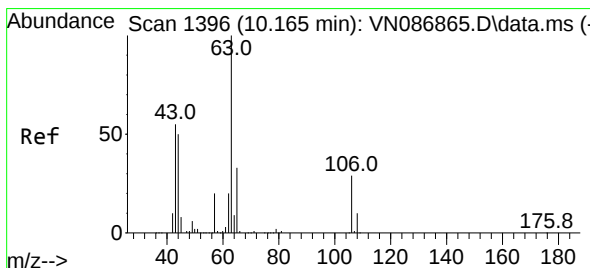
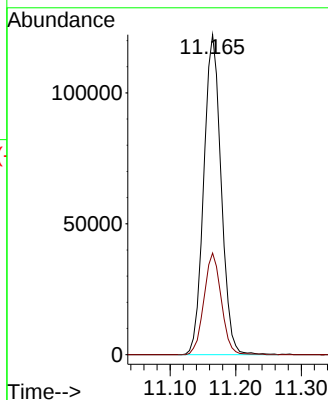
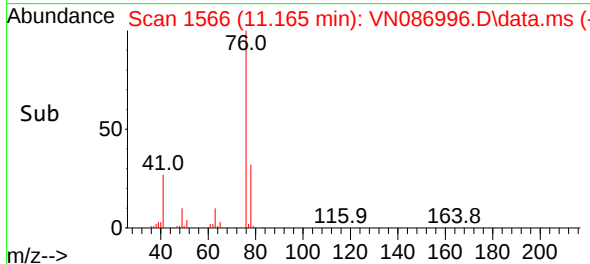
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



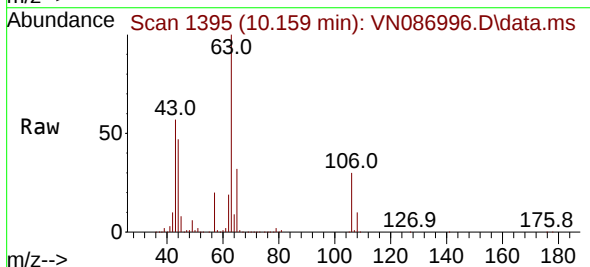
Tgt Ion: 76 Resp: 225149
Ion Ratio Lower Upper
76 100
78 31.7 25.3 37.9

Manual Integrations
APPROVED

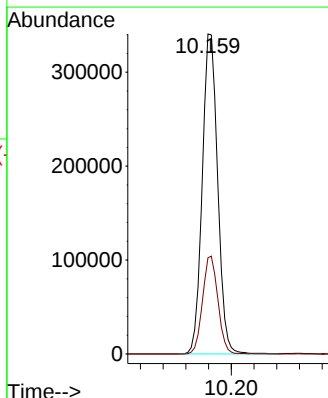
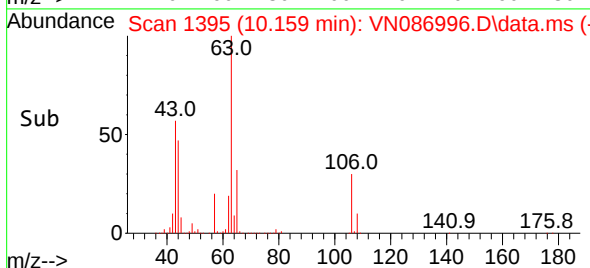
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

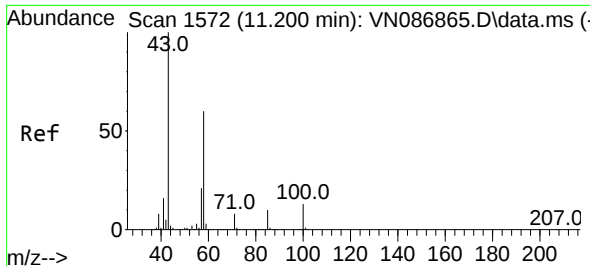


#58
2-Chloroethyl Vinyl ether
Concen: 284.484 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



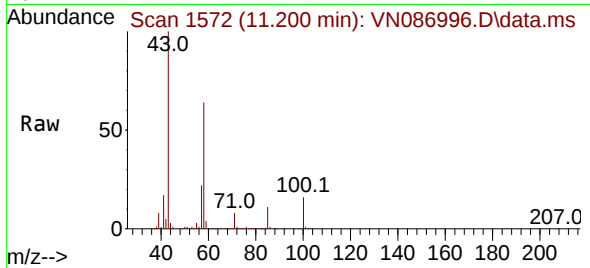
Tgt Ion: 63 Resp: 640810
Ion Ratio Lower Upper
63 100
106 30.5 23.0 34.6





#59
2-Hexanone
Concen: 268.212 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

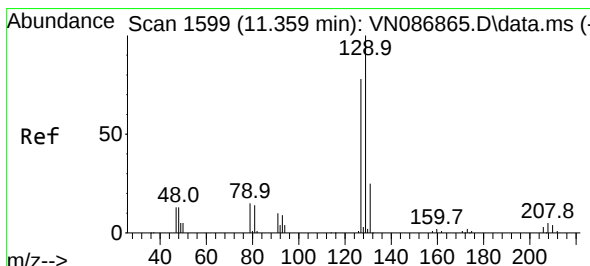
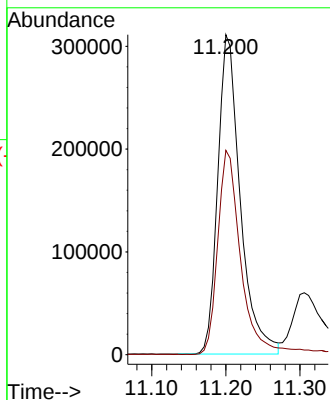
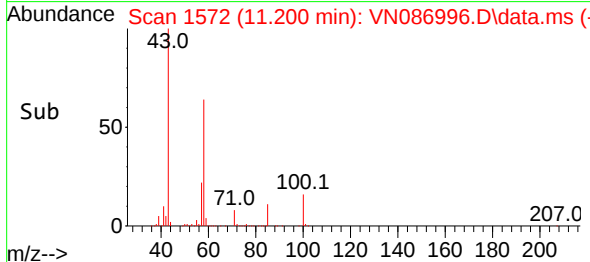
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



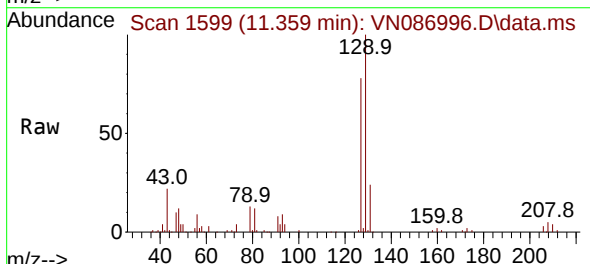
Tgt Ion: 43 Resp: 655260
Ion Ratio Lower Upper
43 100
58 67.5 30.4 91.3

Manual Integrations
APPROVED

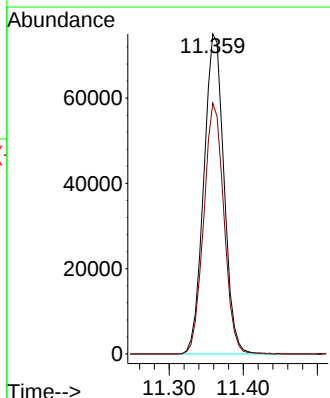
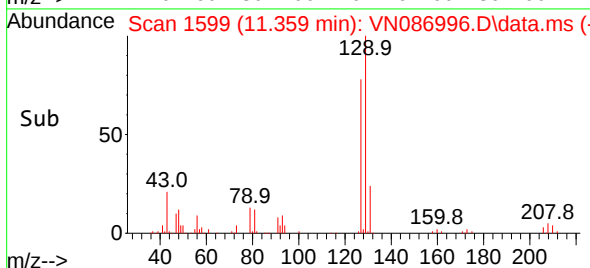
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#60
Dibromochloromethane
Concen: 57.298 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



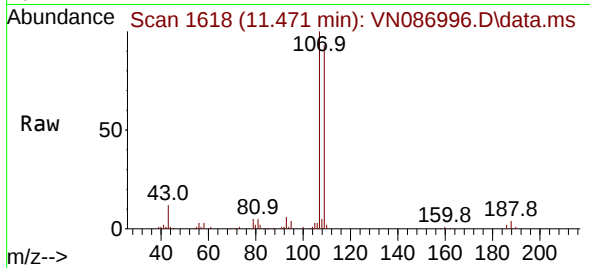
Tgt Ion:129 Resp: 141550
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8





#61
1,2-Dibromoethane
Concen: 57.138 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

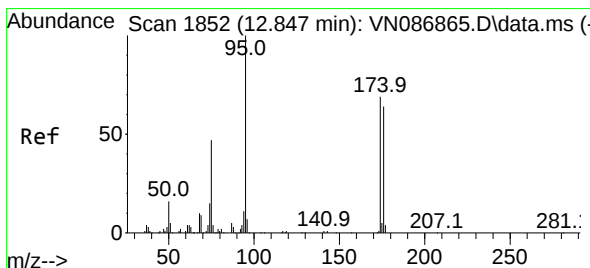
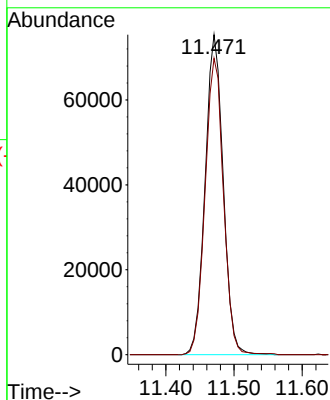
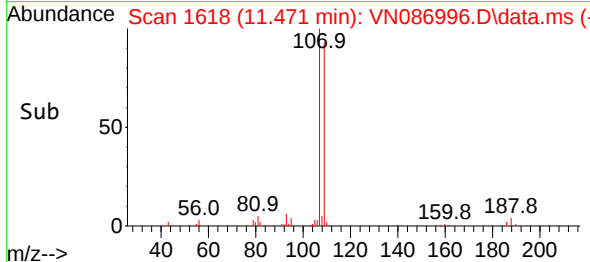
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



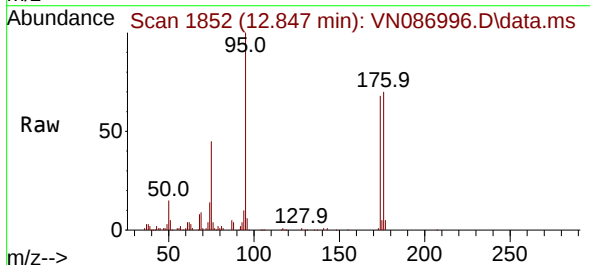
Tgt Ion:107 Resp: 13886
Ion Ratio Lower Upper
107 100
109 94.1 76.3 114.5

Manual Integrations
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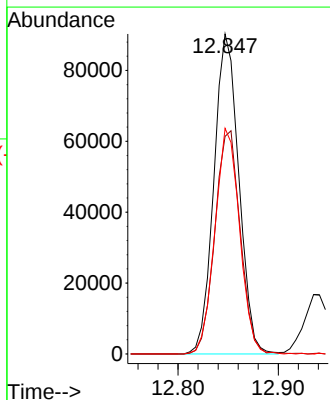
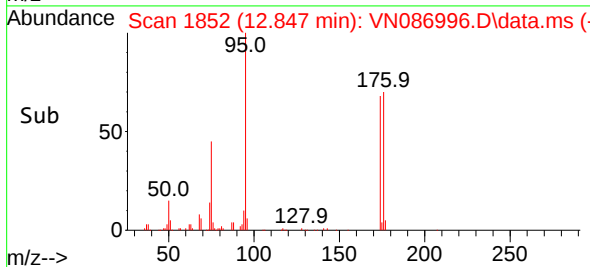
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

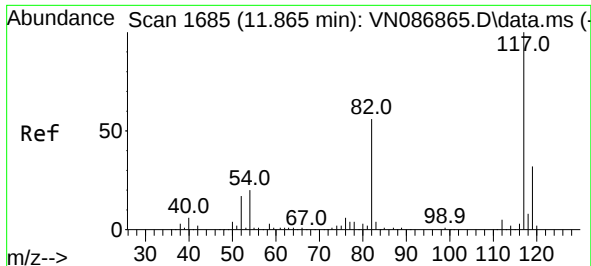


#62
4-Bromofluorobenzene
Concen: 51.180 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



Tgt Ion: 95 Resp: 155769
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.8
176 69.9 0.0 132.6





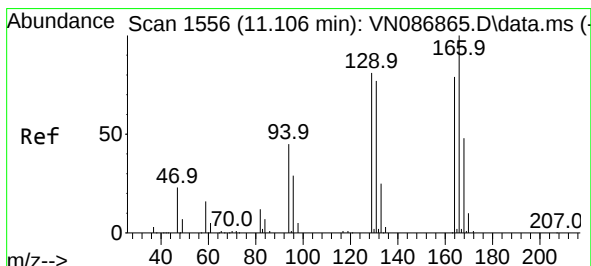
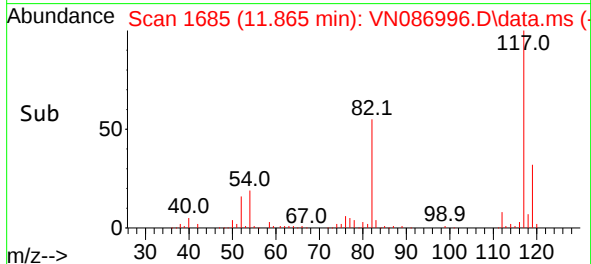
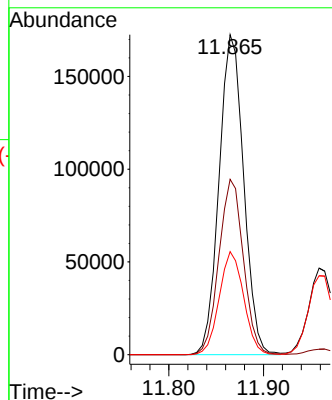
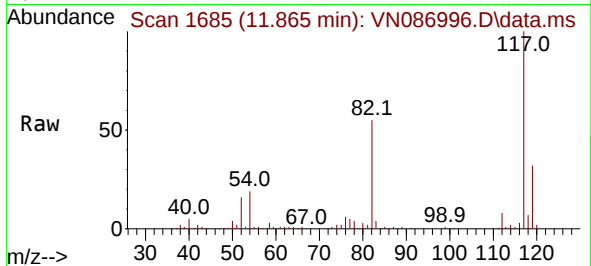
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 31162
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 32.2 25.5 38.3

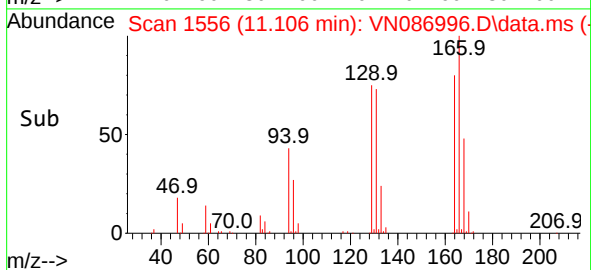
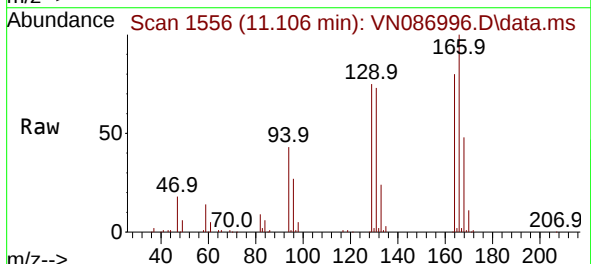
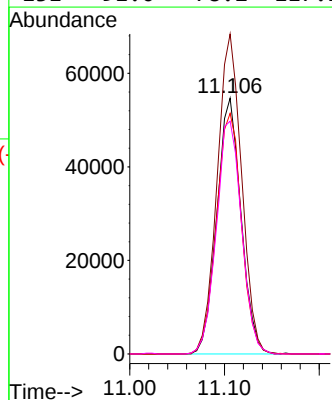
Manual Integrations
APPROVED

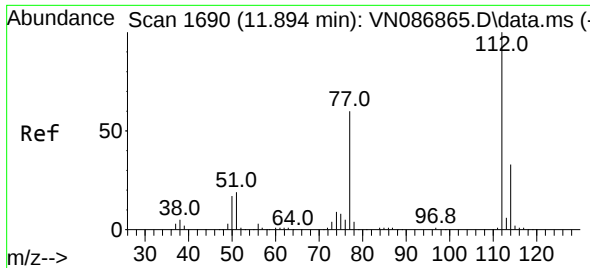
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#64
Tetrachloroethene
Concen: 49.232 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

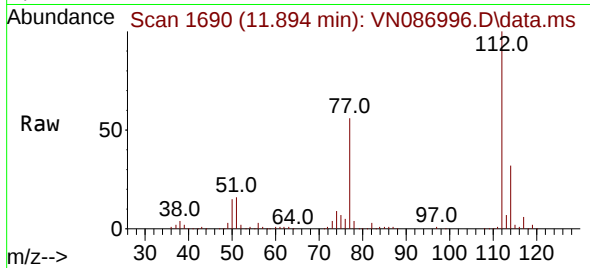
Tgt Ion:164 Resp: 97092
Ion Ratio Lower Upper
164 100
166 125.1 101.8 152.8
129 94.0 83.0 124.4
131 91.0 78.2 117.2





#65
Chlorobenzene
Concen: 52.832 ug/l
RT: 11.894 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

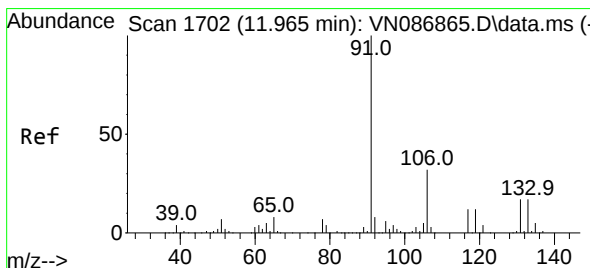
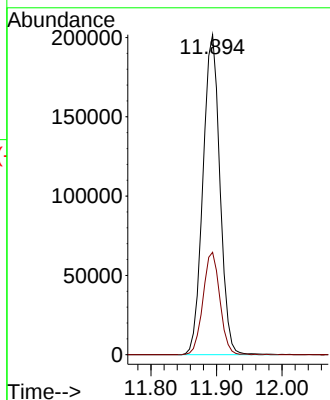
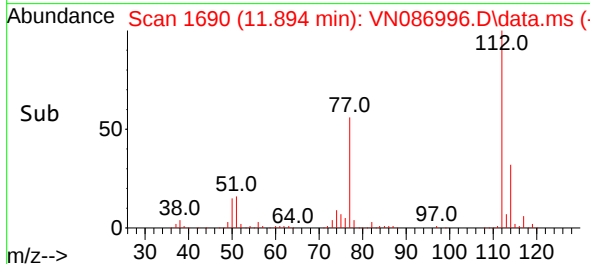
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



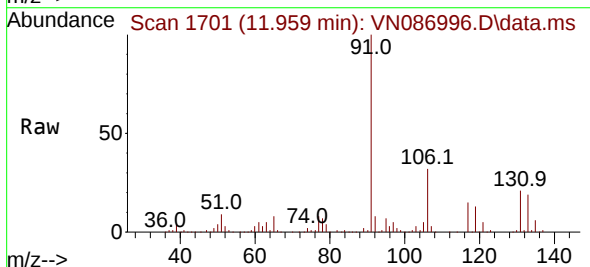
Tgt Ion:112 Resp: 363108
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

Manual Integrations
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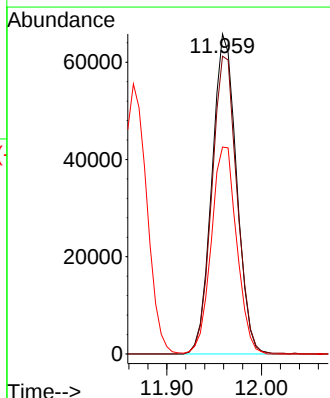
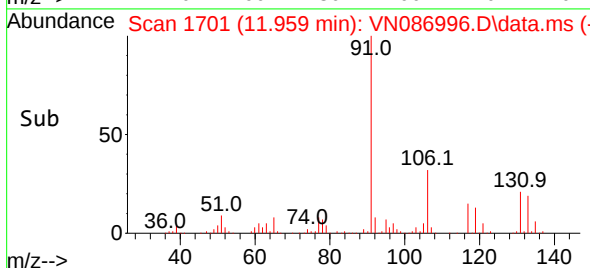
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

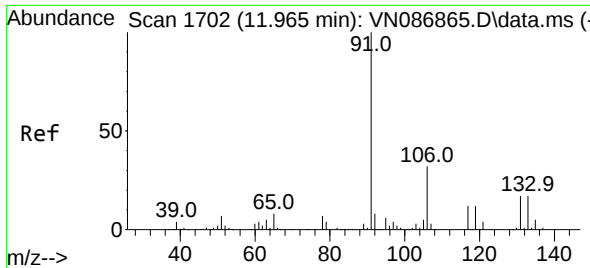


#66
1,1,1,2-Tetrachloroethane
Concen: 53.761 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



Tgt Ion:131 Resp: 118773
Ion Ratio Lower Upper
131 100
133 95.1 48.3 144.8
119 66.9 34.0 101.8





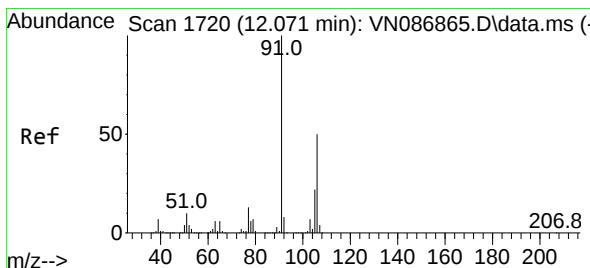
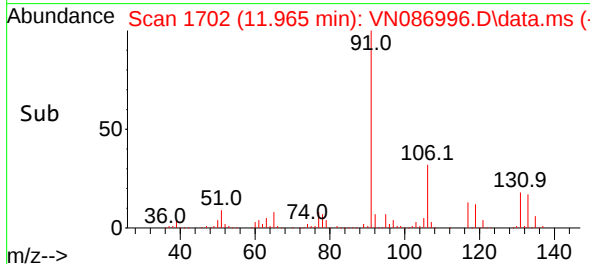
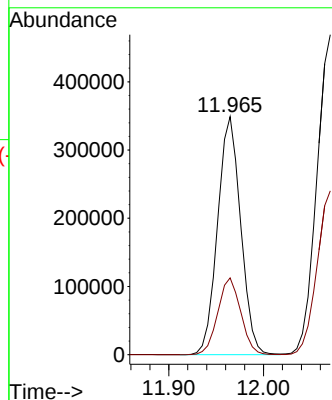
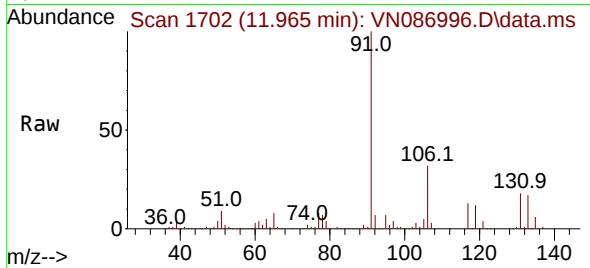
#67
Ethyl Benzene
Concen: 49.965 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 591507
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.2

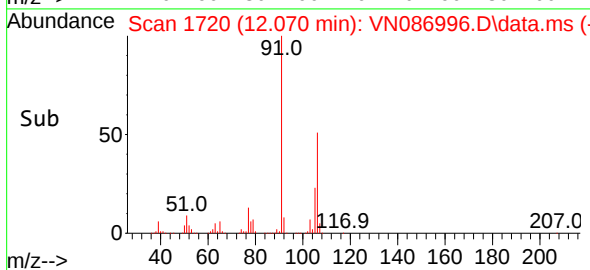
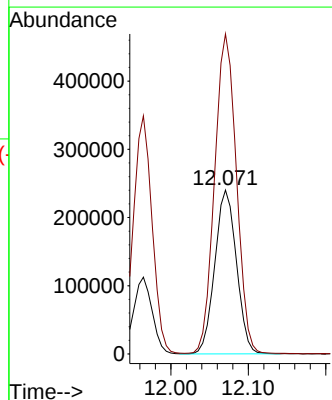
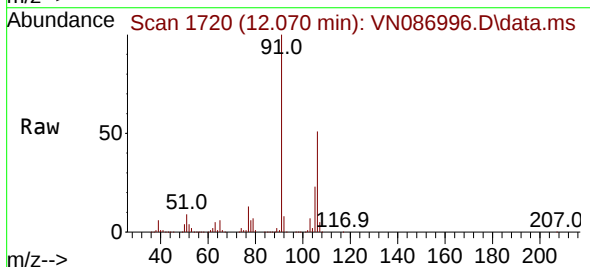
Manual Integrations
APPROVED

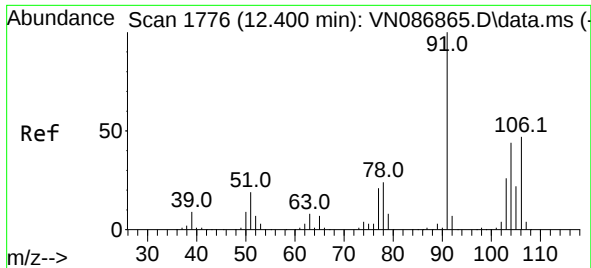
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#68
m/p-Xylenes
Concen: 102.831 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Tgt Ion:106 Resp: 466007
Ion Ratio Lower Upper
106 100
91 197.4 159.4 239.0





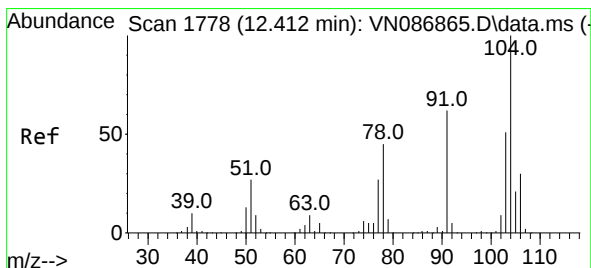
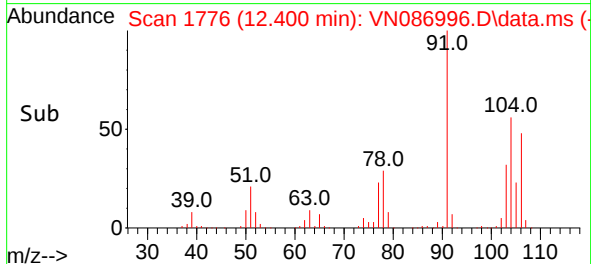
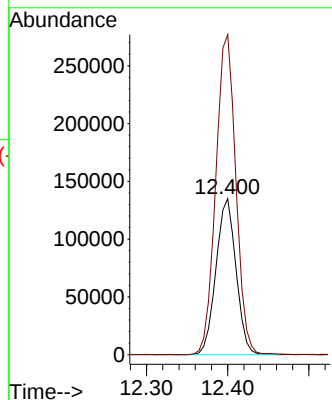
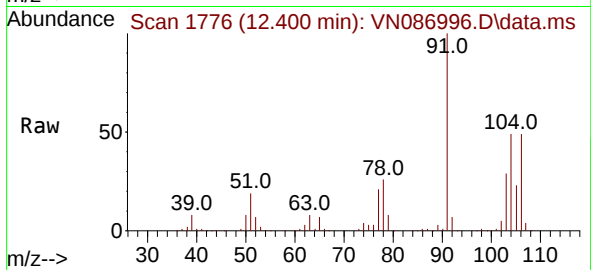
#69
o-Xylene
Concen: 53.373 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 231655
Ion Ratio Lower Upper
106 100
91 206.2 106.1 318.1

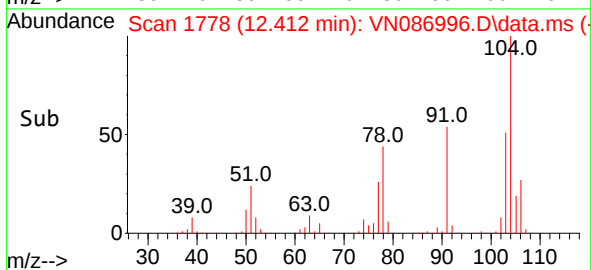
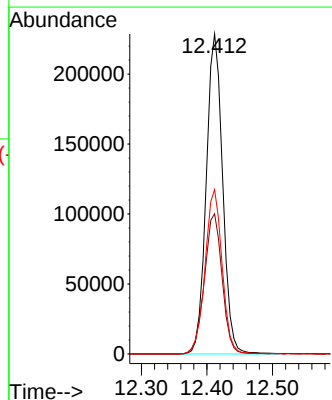
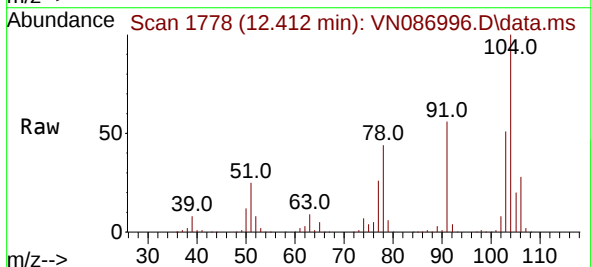
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#70
Styrene
Concen: 53.555 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Tgt Ion:104 Resp: 397750
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 53.7 43.1 64.7





#71

Bromoform

Concen: 58.496 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN086996.D

Acq: 13 Jun 2025 12:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

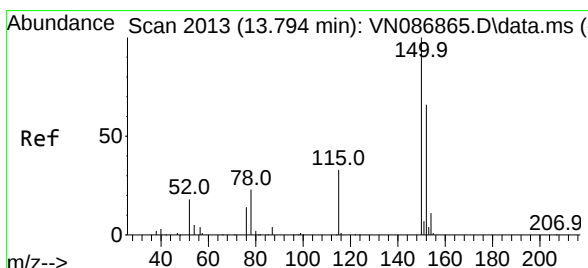
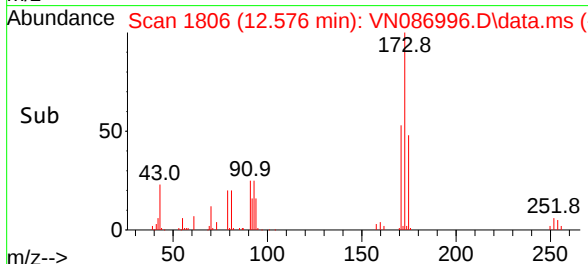
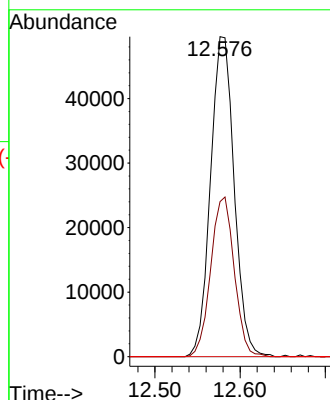
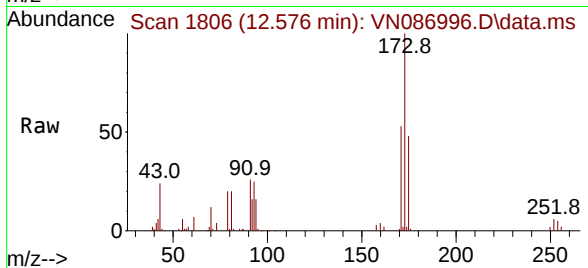
Tgt Ion:	173	Resp:	9575
Ion Ratio	Lower	Upper	
173	100		
175	49.5	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

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Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

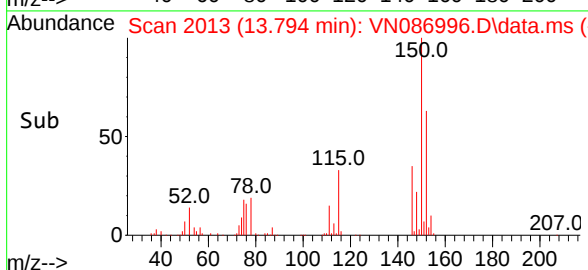
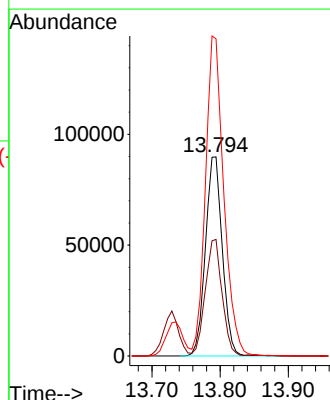
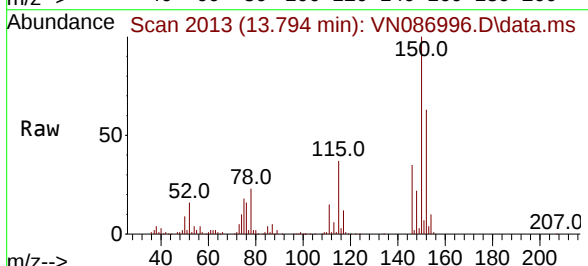
RT: 13.794 min Scan# 2013

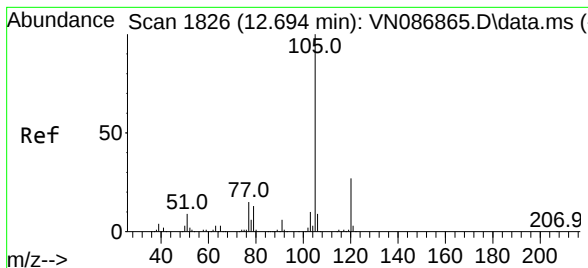
Delta R.T. -0.000 min

Lab File: VN086996.D

Acq: 13 Jun 2025 12:52

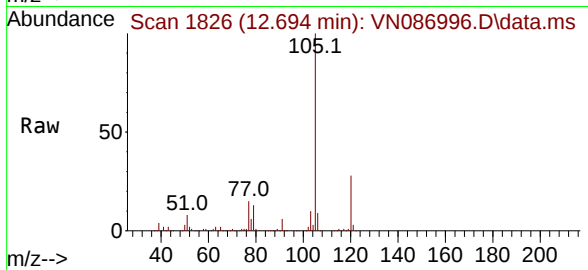
Tgt Ion:	152	Resp:	154974
Ion Ratio	Lower	Upper	
152	100		
115	57.6	30.1	90.5
150	173.0	0.0	345.0





#73
Isopropylbenzene
Concen: 47.619 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

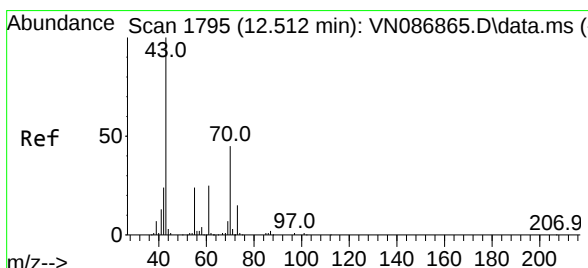
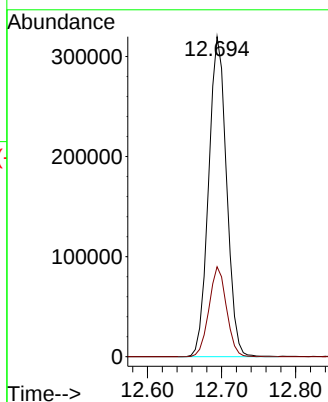
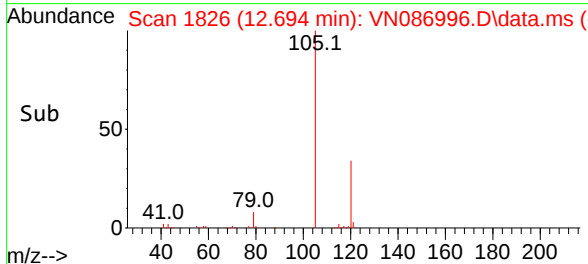
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



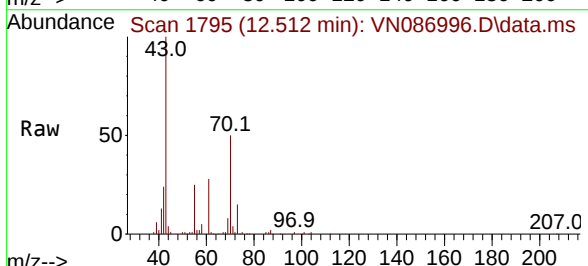
Tgt Ion:105 Resp: 537619
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

Manual Integrations
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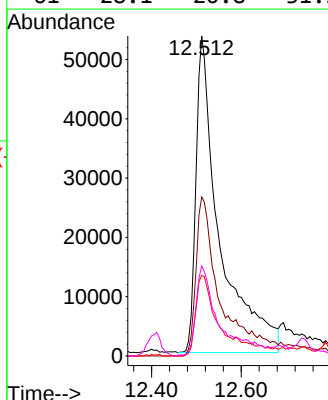
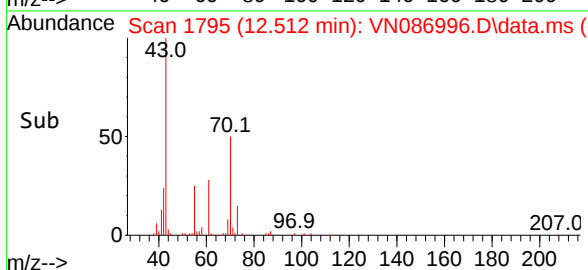
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

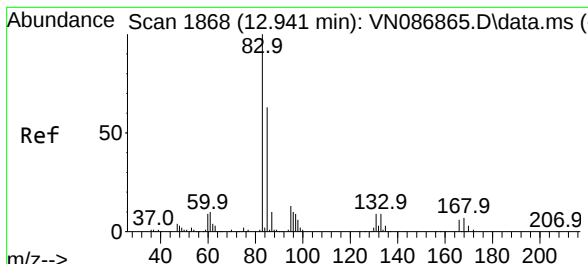


#74
N-ethyl acetate
Concen: 49.308 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



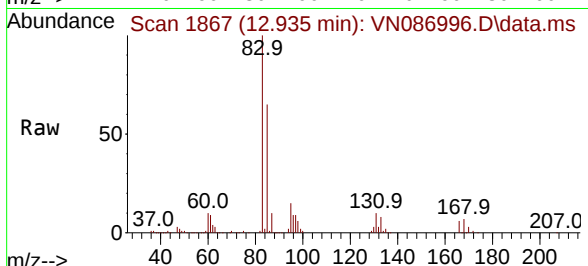
Tgt Ion: 43 Resp: 194530
Ion Ratio Lower Upper
43 100
70 53.4 37.6 56.4
55 26.6 19.0 28.6
61 28.1 20.8 31.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.321 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN086996.D
 Acq: 13 Jun 2025 12:52

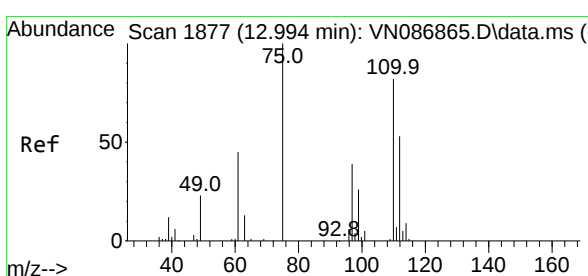
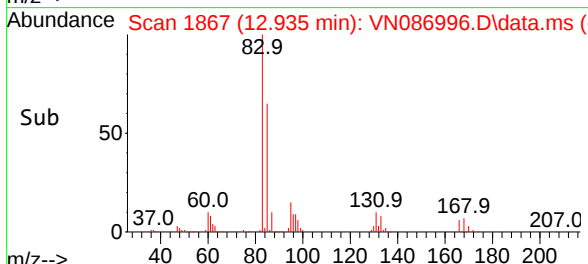
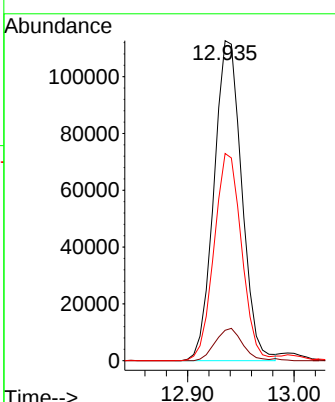
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050



Tgt Ion: 83 Resp: 20394

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	64.1	32.0	96.0

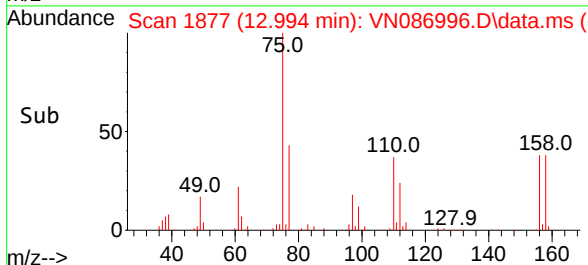
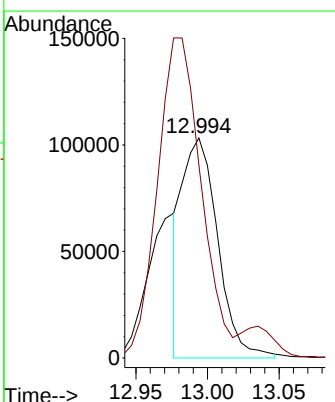
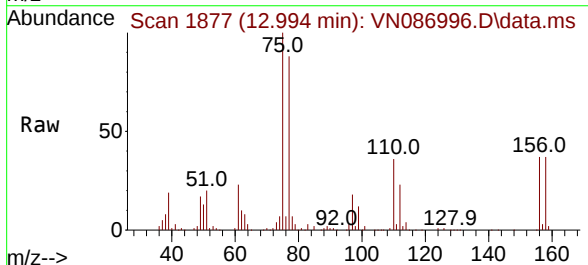
Manual Integrations
APPROVED
 Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025

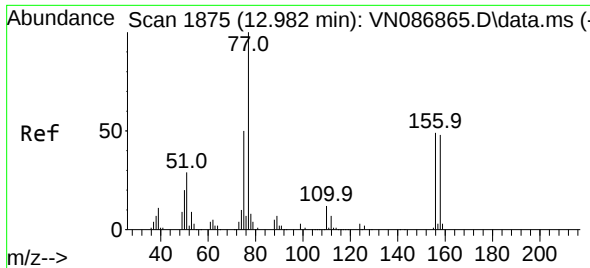


#76
 1,2,3-Trichloropropane
 Concen: 48.364 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN086996.D
 Acq: 13 Jun 2025 12:52

Tgt Ion: 75 Resp: 178162

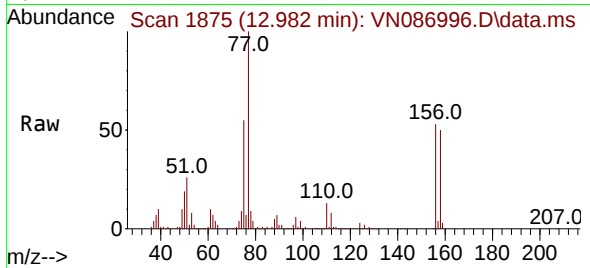
Ion	Ratio	Lower	Upper
75	100		
77	178.5	79.3	237.9





#77
Bromobenzene
Concen: 54.712 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

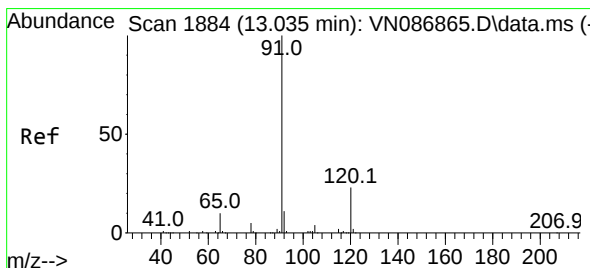
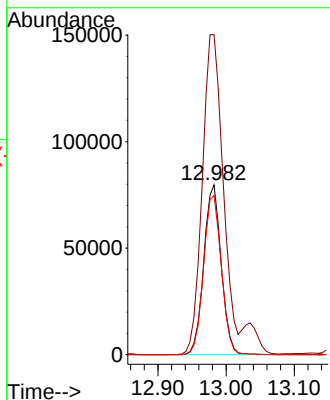
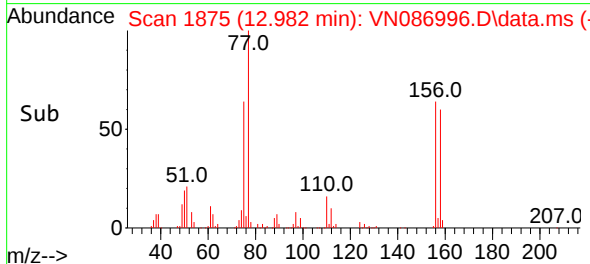
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



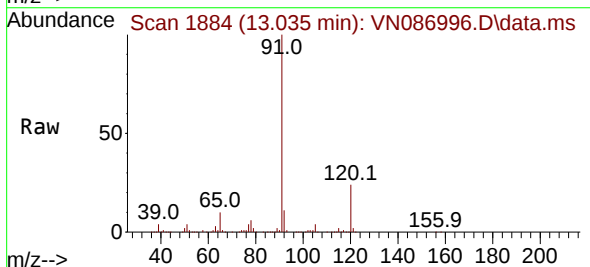
Tgt Ion:156 Resp: 141660
Ion Ratio Lower Upper
156 100
77 224.5 117.7 353.1
158 95.4 48.1 144.4

Manual Integrations
APPROVED

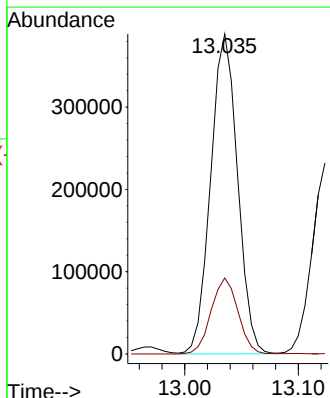
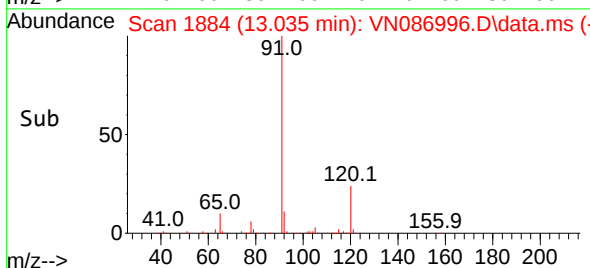
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

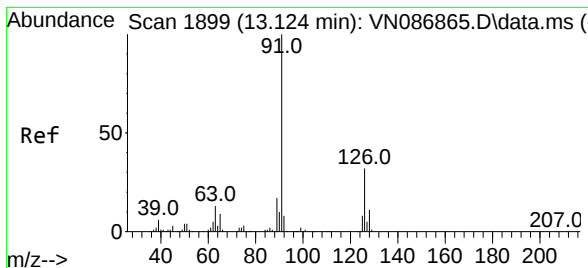


#78
n-propylbenzene
Concen: 46.620 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



Tgt Ion: 91 Resp: 639643
Ion Ratio Lower Upper
91 100
120 23.7 11.4 34.2





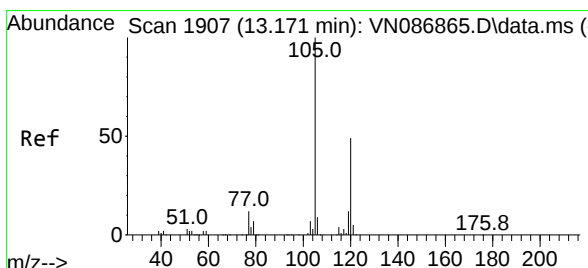
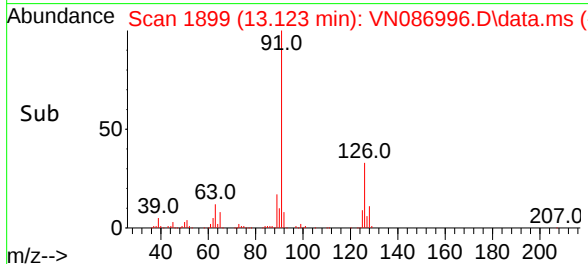
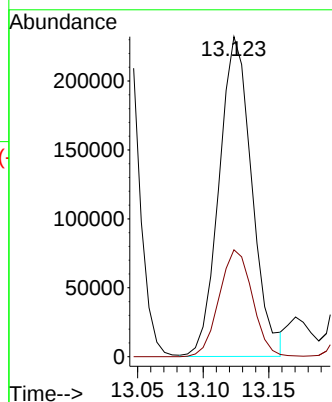
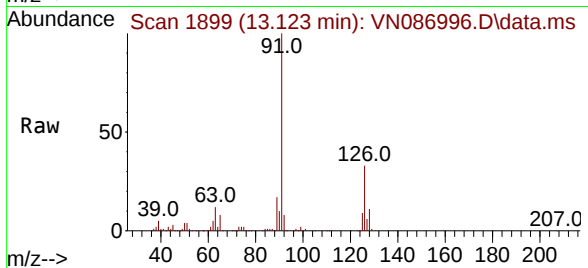
#79
2-Chlorotoluene
Concen: 49.126 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 404220
Ion Ratio Lower Upper
91 100
126 33.8 16.2 48.5

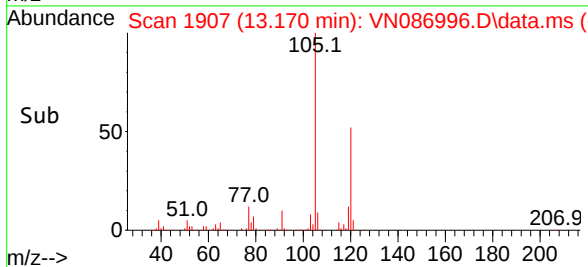
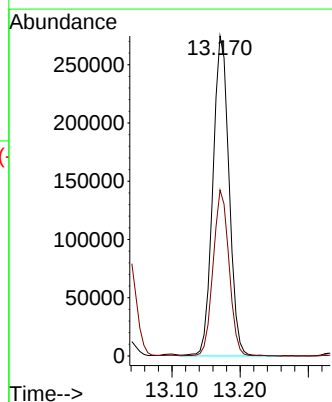
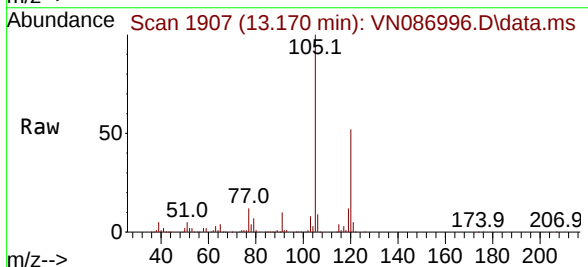
Manual Integrations
APPROVED

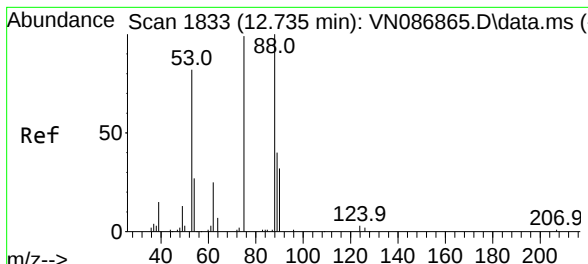
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.717 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Tgt Ion:105 Resp: 454100
Ion Ratio Lower Upper
105 100
120 51.0 24.9 74.6



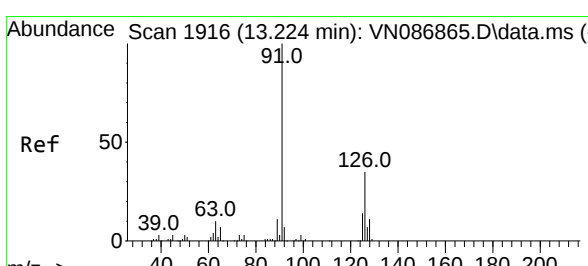
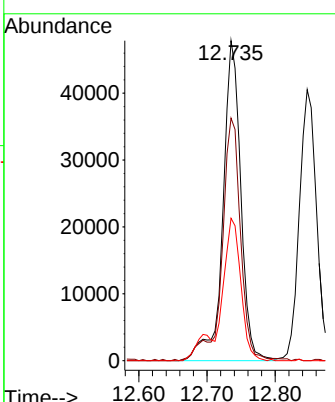
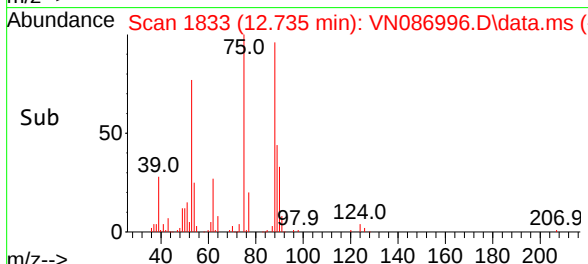
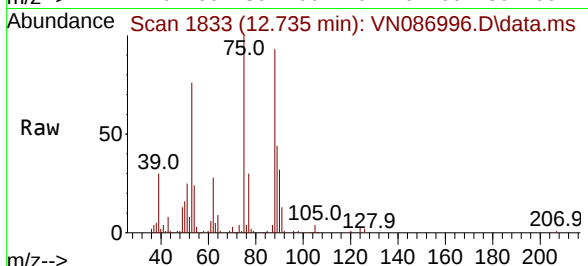


#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.616 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN086996.D
 Acq: 13 Jun 2025 12:52

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

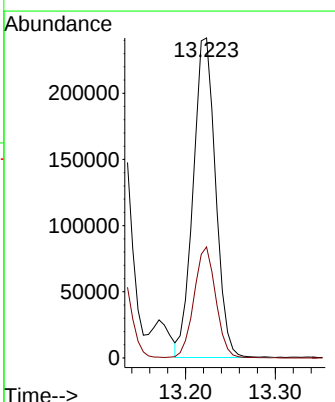
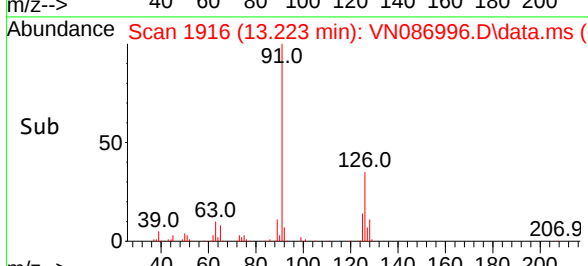
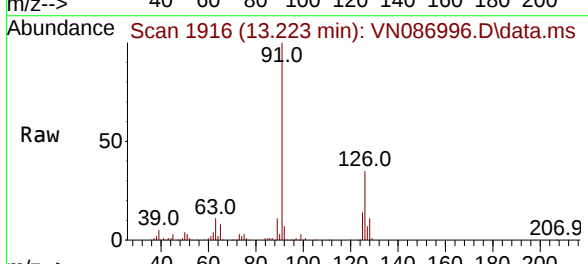
Tgt Ion:	75	Resp:	8740
Ion Ratio	Lower	Upper	
75	100		
53	79.0	66.6	99.8
89	41.8	36.7	55.1

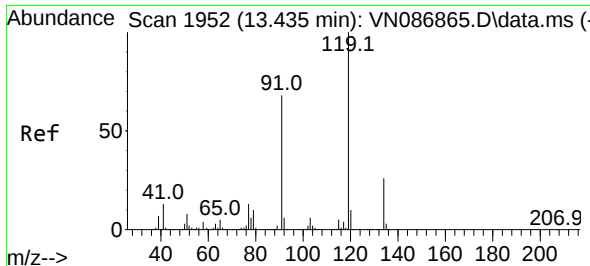
Manual Integrations
APPROVED
 Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#82
 4-Chlorotoluene
 Concen: 50.200 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.000 min
 Lab File: VN086996.D
 Acq: 13 Jun 2025 12:52

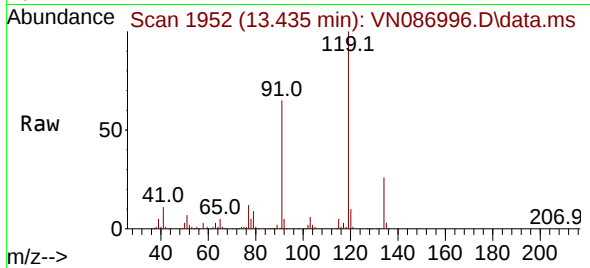
Tgt Ion:	91	Resp:	417942
Ion Ratio	Lower	Upper	
91	100		
126	33.9	16.7	50.1





#83
tert-Butylbenzene
Concen: 46.017 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

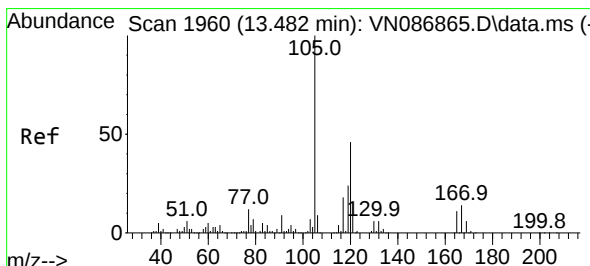
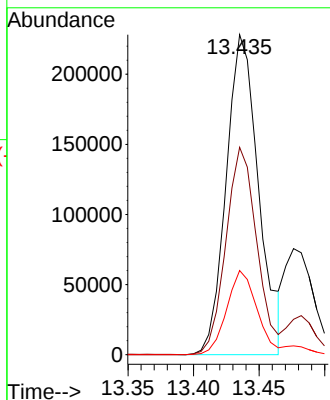
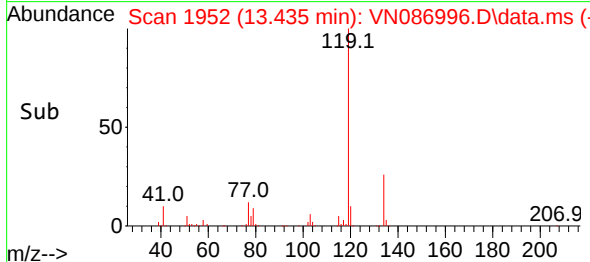
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



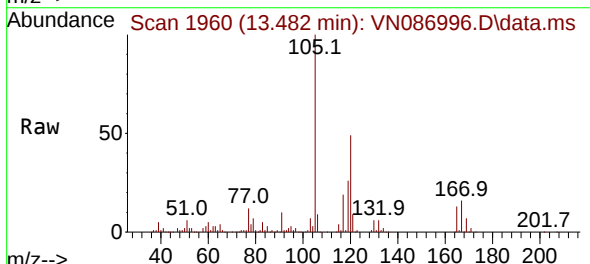
Tgt Ion:119 Resp: 392634
Ion Ratio Lower Upper
119 100
91 61.9 32.1 96.5
134 26.6 13.4 40.1

Manual Integrations
APPROVED

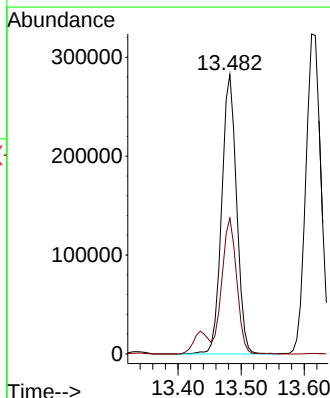
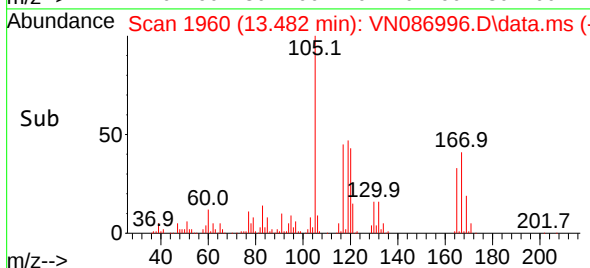
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

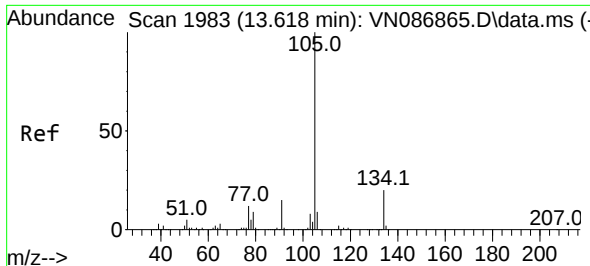


#84
1,2,4-Trimethylbenzene
Concen: 49.602 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



Tgt Ion:105 Resp: 463629
Ion Ratio Lower Upper
105 100
120 48.0 23.2 69.6





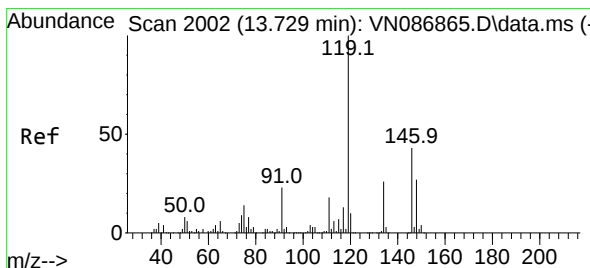
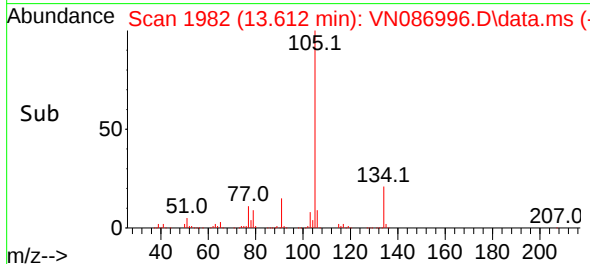
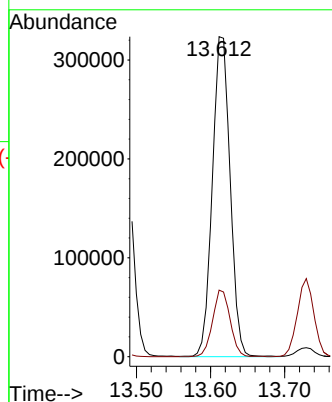
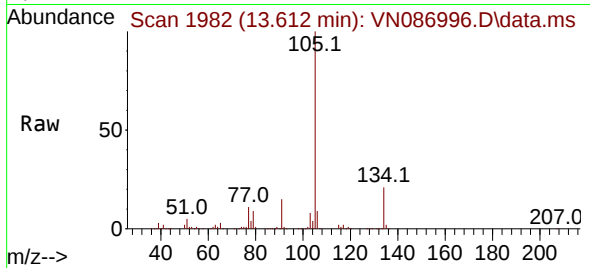
#85
 sec-Butylbenzene
 Concen: 43.606 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN086996.D
 Acq: 13 Jun 2025 12:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 54031
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 30.0

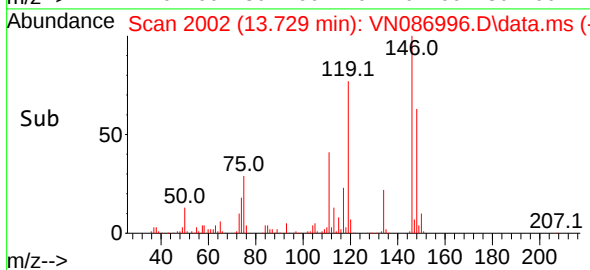
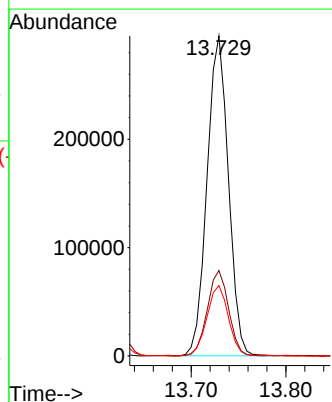
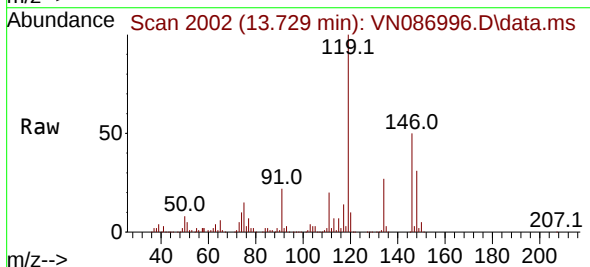
Manual Integrations
 APPROVED

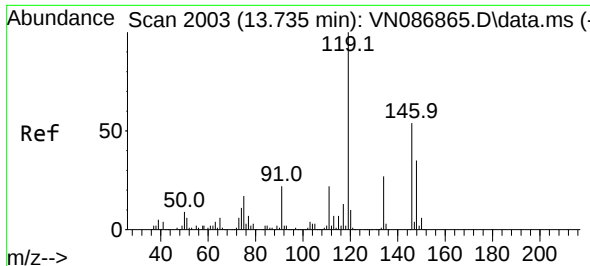
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#86
 p-Isopropyltoluene
 Concen: 45.127 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086996.D
 Acq: 13 Jun 2025 12:52

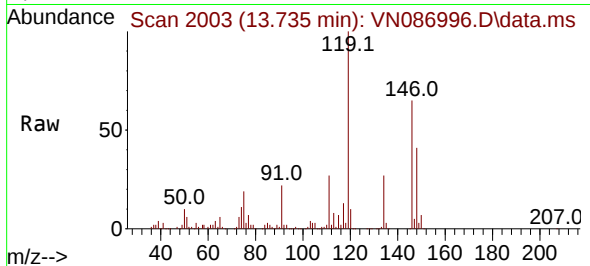
Tgt Ion:119 Resp: 462226
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 22.4 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 51.771 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

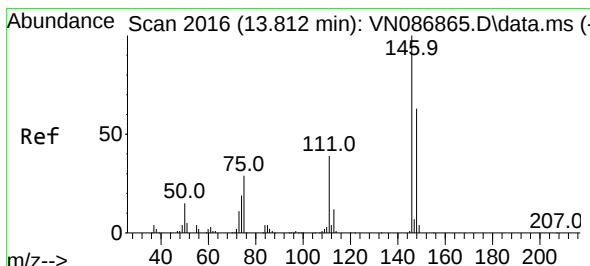
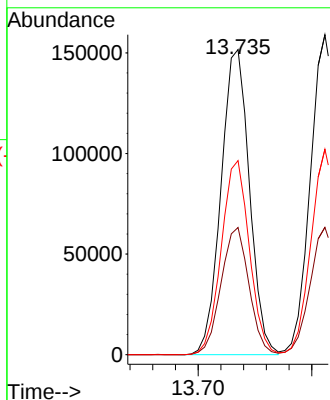
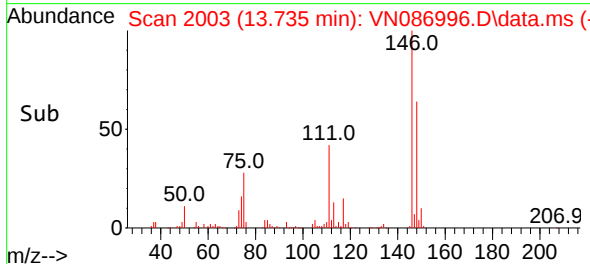
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



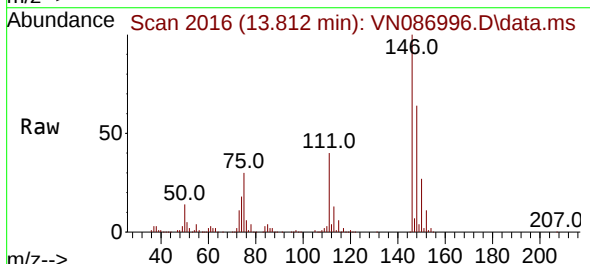
Tgt Ion:146 Resp: 263729
Ion Ratio Lower Upper
146 100
111 41.0 20.9 62.8
148 62.8 32.0 96.2

Manual Integrations
APPROVED

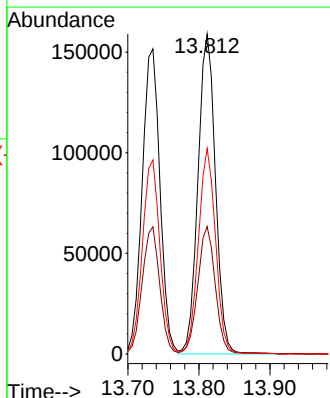
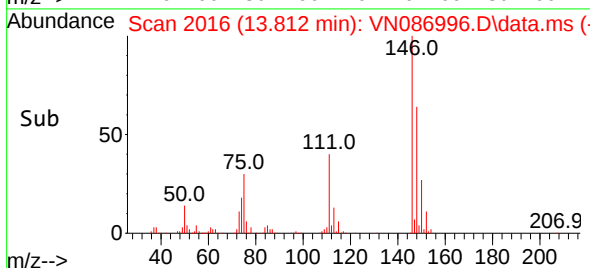
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

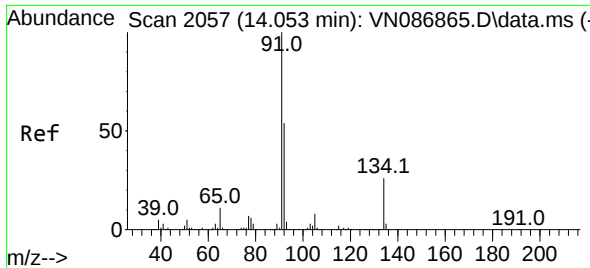


#88
1,4-Dichlorobenzene
Concen: 52.583 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



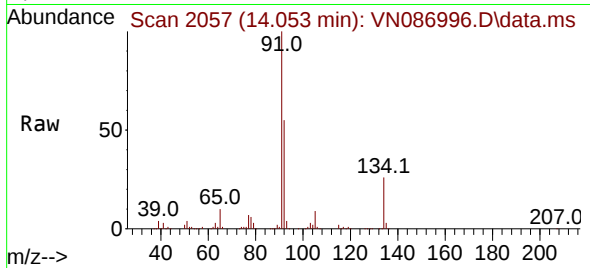
Tgt Ion:146 Resp: 273095
Ion Ratio Lower Upper
146 100
111 39.0 19.9 59.7
148 62.8 31.8 95.4





#89
n-Butylbenzene
Concen: 41.707 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

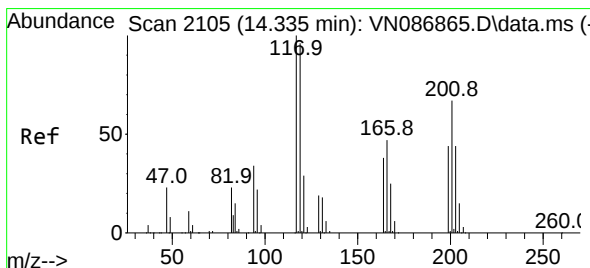
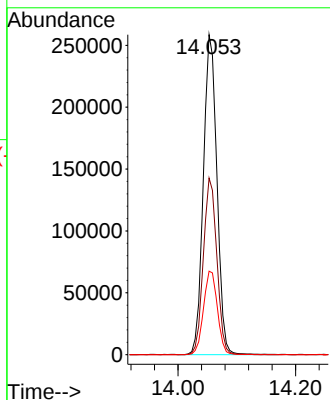
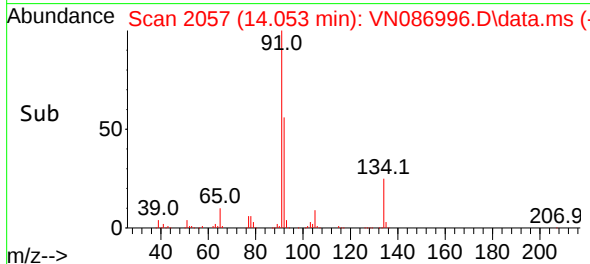
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



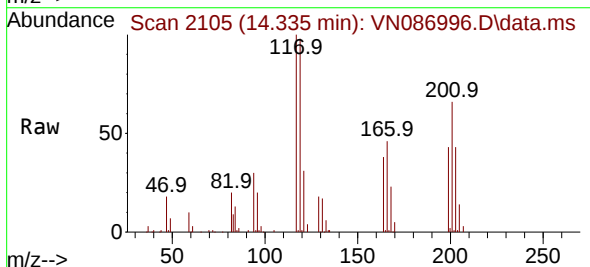
Tgt Ion: 91 Resp: 413779
Ion Ratio Lower Upper
91 100
92 54.9 27.5 82.4
134 26.7 13.0 39.0

Manual Integrations
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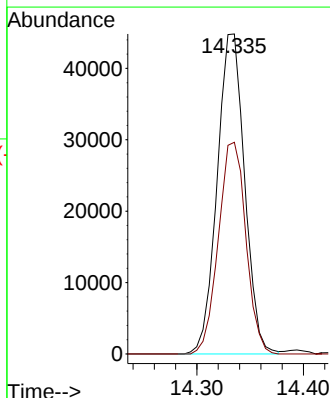
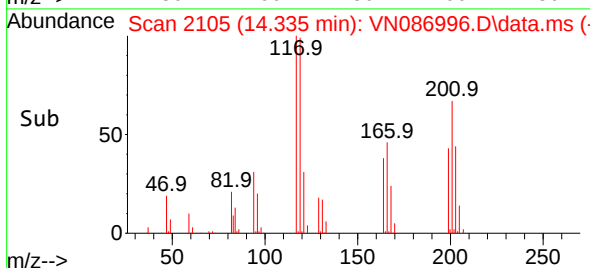
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#90
Hexachloroethane
Concen: 46.217 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52



Tgt Ion:117 Resp: 80241
Ion Ratio Lower Upper
117 100
201 66.2 33.2 99.6





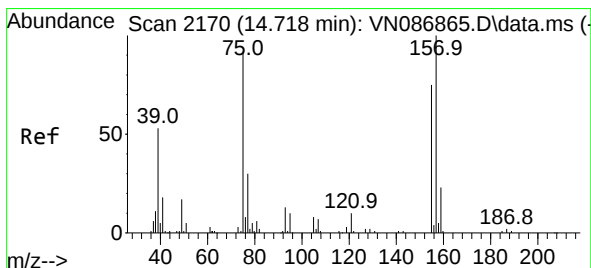
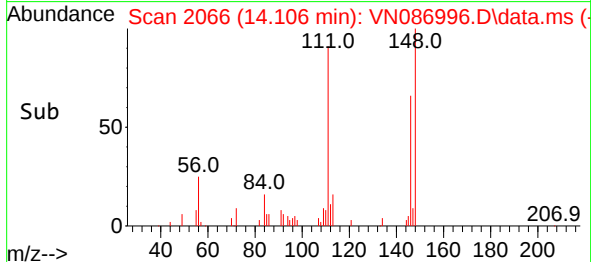
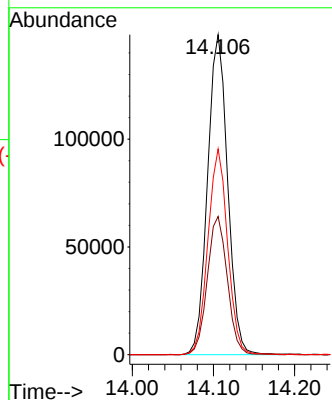
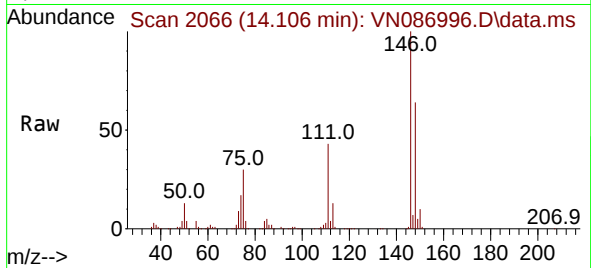
#91
1,2-Dichlorobenzene
Concen: 52.145 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 255209
Ion Ratio Lower Upper
146 100
111 43.1 21.6 64.6
148 63.1 31.7 95.1

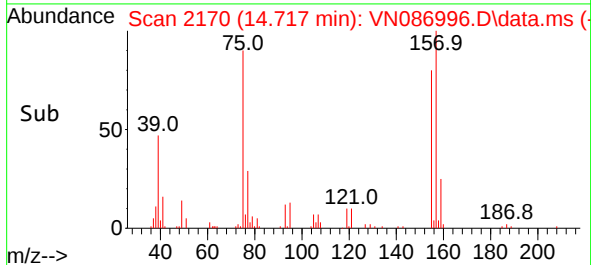
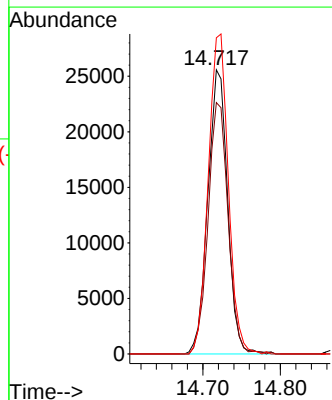
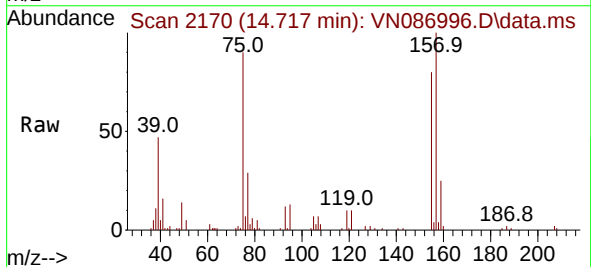
Manual Integrations
APPROVED

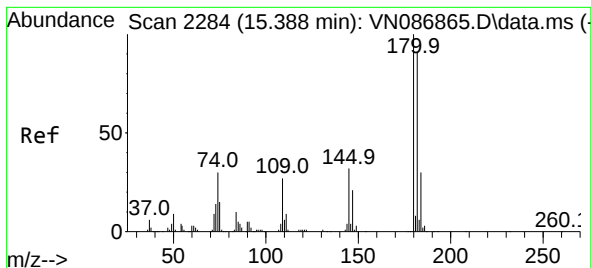
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.620 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Tgt Ion: 75 Resp: 45388
Ion Ratio Lower Upper
75 100
155 89.4 41.1 123.4
157 114.0 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 47.834 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086996.D

Acq: 13 Jun 2025 12:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

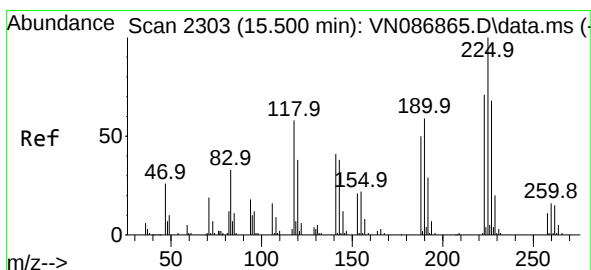
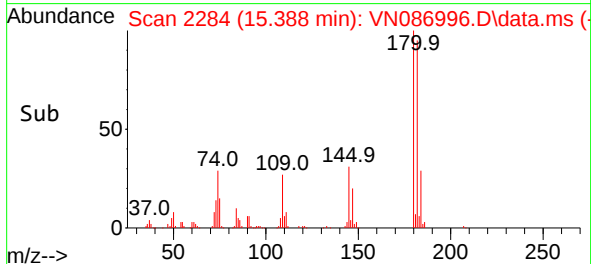
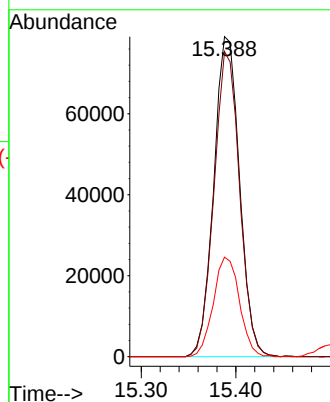
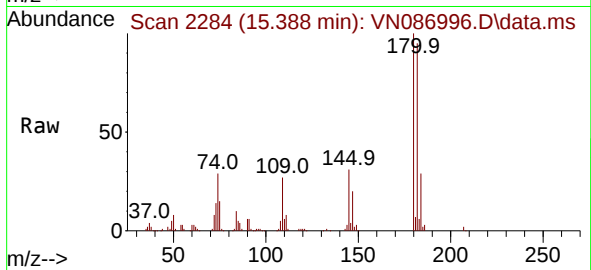
Tgt Ion:	180	Resp:	14949
Ion Ratio	Lower	Upper	
180	100		
182	94.7	46.9	140.7
145	31.5	16.0	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#94

Hexachlorobutadiene

Concen: 36.917 ug/l

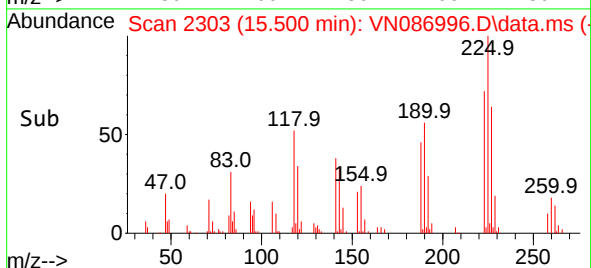
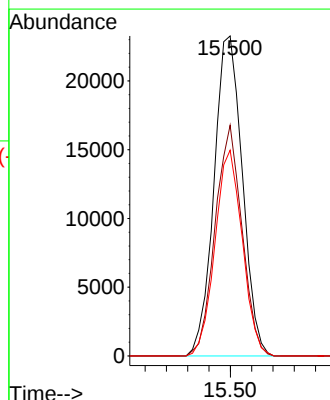
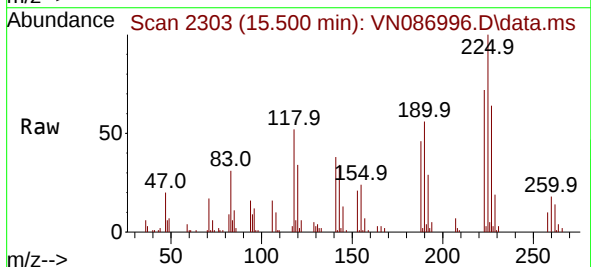
RT: 15.500 min Scan# 2303

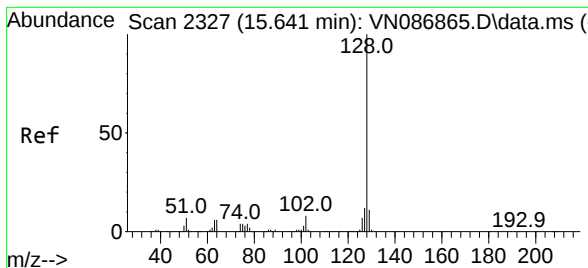
Delta R.T. -0.000 min

Lab File: VN086996.D

Acq: 13 Jun 2025 12:52

Tgt Ion:	225	Resp:	42985
Ion Ratio	Lower	Upper	
225	100		
223	68.2	33.5	100.4
227	62.0	31.1	93.5





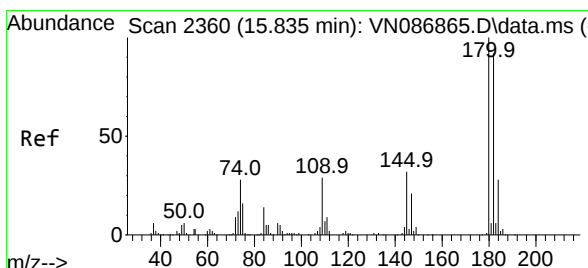
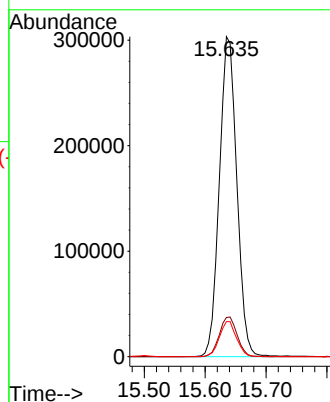
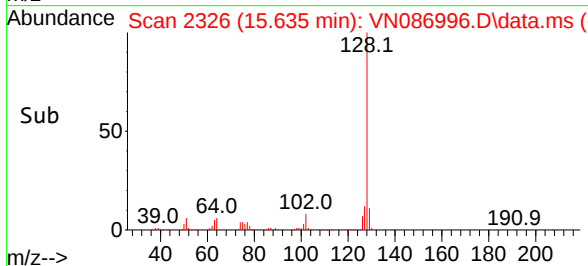
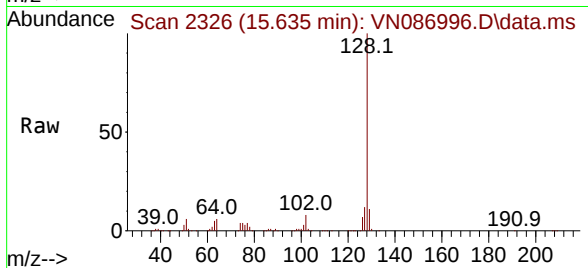
#95
Naphthalene
Concen: 51.949 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 60430
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 46.049 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086996.D
Acq: 13 Jun 2025 12:52

Tgt Ion:180 Resp: 142985
Ion Ratio Lower Upper
180 100
182 95.7 47.0 141.0
145 34.4 16.6 49.8

