

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086255.D
 Acq On : 11 Apr 2025 17:28
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2025
 Supervised By : Mahesh Dadoda 04/14/2025

Quant Time: Apr 12 01:51:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	18884	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	109876	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	95362	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	53571	29.085	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	96.933%	
60) 4-Bromofluorobenzene	12.847	95	56553	29.786	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	99.300%	
63) Toluene-d8	10.565	98	165558	30.752	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	102.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	29320	19.378	ug/l	99
3) Chloromethane	2.359	50	41417	19.805	ug/l	95
4) Vinyl Chloride	2.518	62	38937	19.548	ug/l	99
5) Bromomethane	2.971	94	19187	19.311	ug/l	99
6) Chloroethane	3.130	64	25042	19.909	ug/l	99
7) Trichlorofluoromethane	3.501	101	41794	19.342	ug/l	98
8) Diethyl Ether	3.965	74	18888	18.955	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	24936	18.715	ug/l	96
10) 1,1-Dichloroethene	4.348	96	26966	18.753	ug/l	98
11) Methyl Iodide	4.583	142	31641	19.145	ug/l	94
12) Methyl Acetate	5.030	43	37430	18.433	ug/l	97
13) Acrolein	4.183	56	19090	82.706	ug/l	97
14) Acrylonitrile	5.718	53	80784	94.238	ug/l	99
15) Acetone	4.424	58	19847	91.311	ug/l	90
16) Carbon Disulfide	4.718	76	78952	19.148	ug/l	97
17) Allyl chloride	5.030	41	49113	19.596	ug/l	95
18) Methylene Chloride	5.277	84	31167	19.010	ug/l	96
19) trans-1,2-Dichloroethene	5.789	96	28540	18.843	ug/l	99
20) Diisopropyl ether	6.671	45	95774	17.775	ug/l	97
21) 1,1-Dichloroethane	6.571	63	55465	19.295	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	34384	19.057	ug/l	99
23) tert-Butyl Alcohol	5.512	59	31875	89.739	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	97437	18.777	ug/l	98
25) Chloroform	7.965	83	53242	19.423	ug/l	93
26) Cyclohexane	8.253	56	50381	18.733	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	39298	19.965	ug/l	99
30) 2-Butanone	7.477	43	105674	96.889	ug/l	99
31) 2,2-Dichloropropane	7.489	77	46144	19.045	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	44888	19.825	ug/l	99
33) Carbon Tetrachloride	8.359	117	35183	19.444	ug/l	96
34) Benzene	8.600	78	124673	19.909	ug/l	97
35) Methacrylonitrile	7.777	41	25486	20.728	ug/l	98
36) 1,2-Dichloroethane	8.671	62	38614	19.705	ug/l	97
37) Trichloroethene	9.347	130	28562	18.904	ug/l	95
38) Methylcyclohexane	9.594	83	45627	18.901	ug/l	99
39) 1,2-Dichloropropane	9.618	63	30685	19.693	ug/l	94
40) Dibromomethane	9.706	93	20002	19.875	ug/l	100
41) Bromodichloromethane	9.888	83	42242	19.539	ug/l	100
42) Vinyl Acetate	6.600	43	378299	101.896	ug/l	100

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

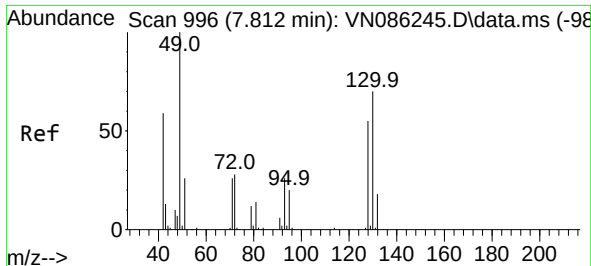
Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2025
 Supervised By : Mahesh Dadoda 04/14/2025

Quant Time: Apr 12 01:51:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	37557	17.072	ug/l #	93
44) Isopropyl Acetate	8.683	43	79656	19.518	ug/l	100
45) 1,4-Dioxane	9.694	88	12723	392.047	ug/l #	93
46) Methyl methacrylate	9.677	41	34286	19.067	ug/l	98
47) n-amyl Acetate	12.488	43	57635	17.812	ug/l	99
48) t-1,3-Dichloropropene	10.829	75	46804	19.149	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	51256	19.814	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	27268	19.319	ug/l	97
51) Ethyl methacrylate	10.871	69	49228	18.768	ug/l	95
52) 1,3-Dichloropropane	11.159	76	49662	19.740	ug/l	99
53) Dibromochloromethane	11.353	129	29962	19.406	ug/l	99
54) 1,2-Dibromoethane	11.465	107	27931	19.603	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	98312	99.189	ug/l	99
56) Bromoform	12.576	173	18754	18.566	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	214641	99.184	ug/l	99
59) 2-Hexanone	11.194	43	158086	98.104	ug/l	99
61) Tetrachloroethene	11.100	164	27738	19.697	ug/l	98
62) Toluene	10.624	91	128682	20.118	ug/l	100
64) Chlorobenzene	11.888	112	77123	19.736	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	26021	20.177	ug/l	98
66) Ethyl Benzene	11.959	91	139309	19.639	ug/l	98
67) m/p-Xylenes	12.071	106	101714	38.563	ug/l	98
68) o-Xylene	12.394	106	52037	20.058	ug/l	98
69) Styrene	12.406	104	83949	19.187	ug/l	99
70) Isopropylbenzene	12.694	105	123201	19.260	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	37233	20.449	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	36376m	19.193	ug/l	
73) Bromobenzene	12.976	156	27272	19.245	ug/l	99
74) n-propylbenzene	13.029	91	143093	18.944	ug/l	100
75) 2-Chlorotoluene	13.123	91	92645	19.514	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	99973	19.025	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	16490	18.869	ug/l	92
78) 4-Chlorotoluene	13.218	91	90011	18.983	ug/l	98
79) tert-butylbenzene	13.435	119	86567	19.039	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	100765	18.911	ug/l	100
81) sec-Butylbenzene	13.612	105	119744	18.880	ug/l	99
82) p-Isopropyltoluene	13.729	119	97324	18.394	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	48725	18.499	ug/l	98
84) 1,4-Dichlorobenzene	13.806	146	47819	18.098	ug/l	98
85) n-Butylbenzene	14.053	91	84791	17.764	ug/l	98
86) Hexachloroethane	14.329	117	17164	19.231	ug/l	96
87) 1,2-Dichlorobenzene	14.100	146	48868	18.791	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	7385	17.808	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	21063	16.646	ug/l	98
90) Hexachlorobutadiene	15.494	225	8007	14.656	ug/l	96
91) Naphthalene	15.635	128	83203	16.677	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	21063	16.646	ug/l	98

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



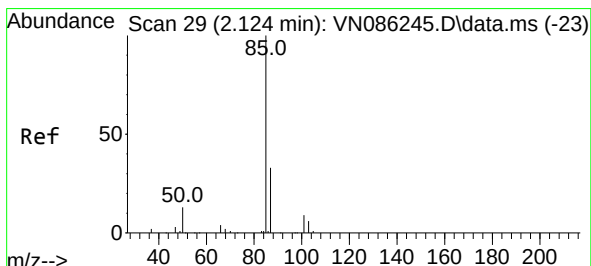
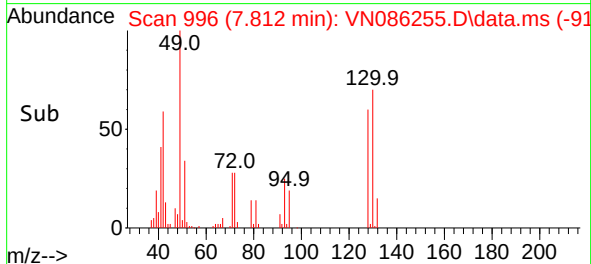
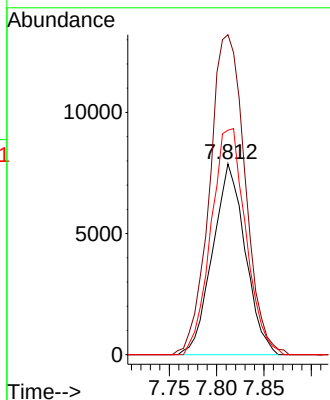
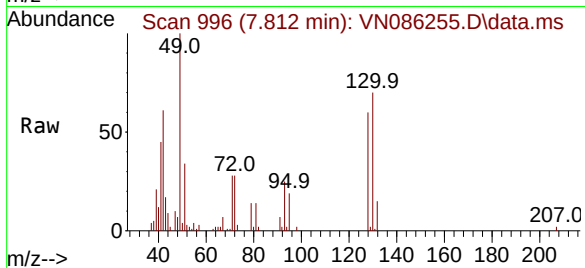
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 18884
Ion Ratio Lower Upper
128 100
49 182.5 0.0 452.5
130 126.4 0.0 315.0

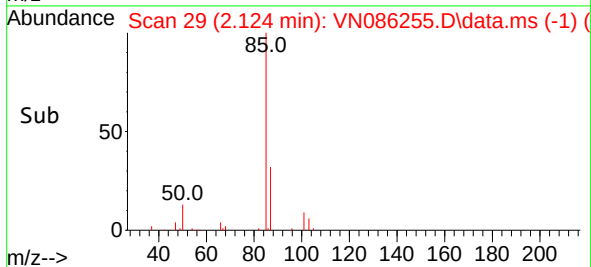
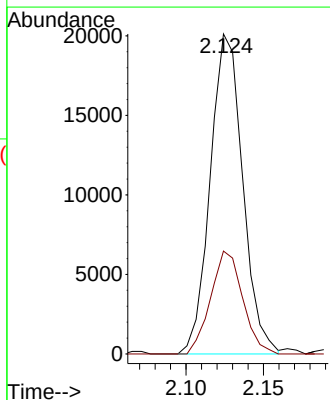
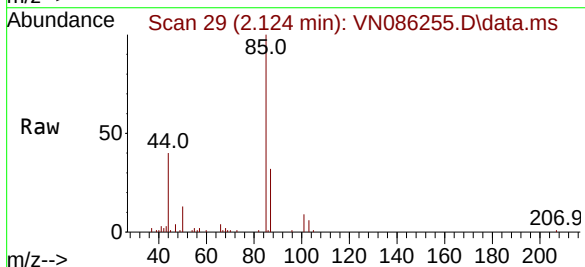
Manual Integrations
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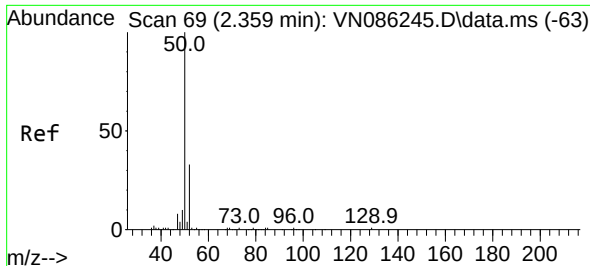
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#2
Dichlorodifluoromethane
Concen: 19.378 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Tgt Ion: 85 Resp: 29320
Ion Ratio Lower Upper
85 100
87 32.1 16.3 48.9





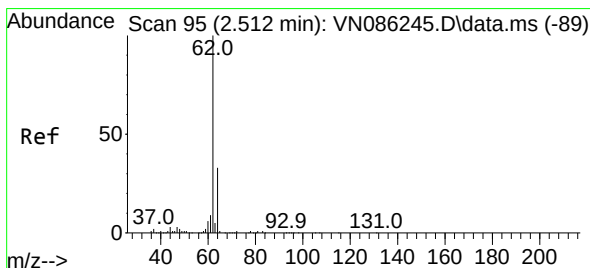
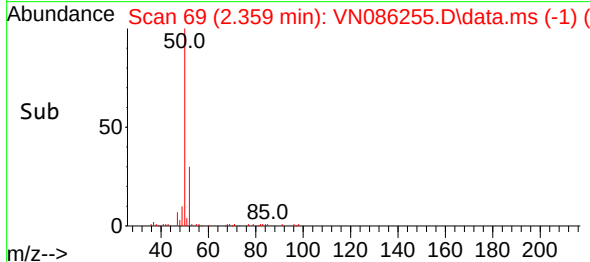
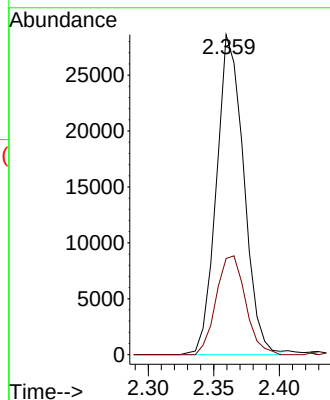
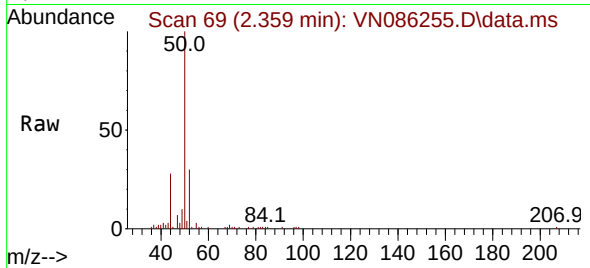
#3
Chloromethane
Concen: 19.805 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 50 Resp: 4141
Ion Ratio Lower Upper
50 100
52 30.1 26.4 39.6

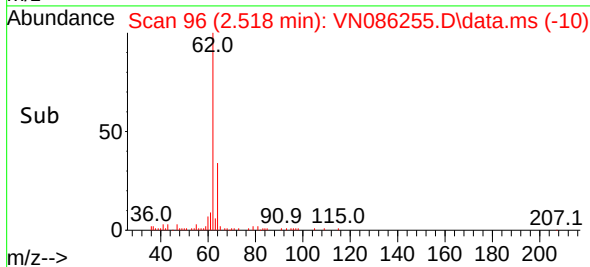
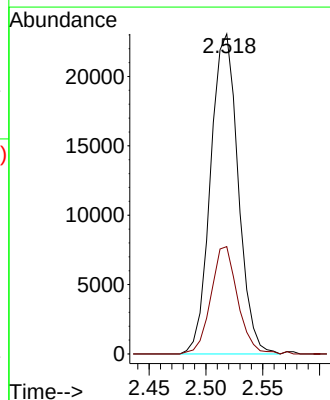
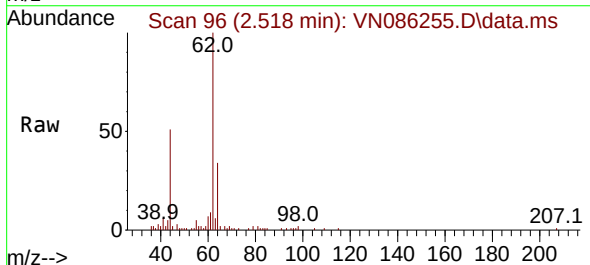
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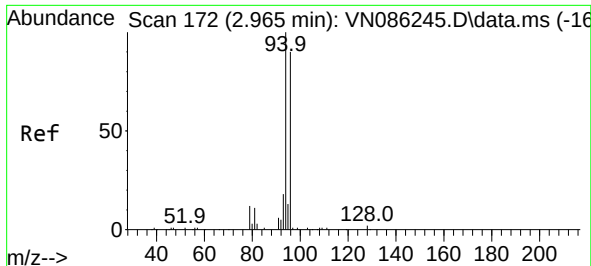
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#4
Vinyl Chloride
Concen: 19.548 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

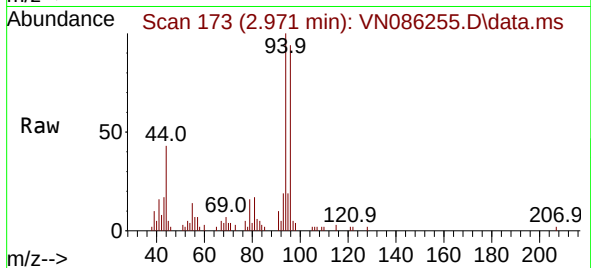
Tgt Ion: 62 Resp: 38937
Ion Ratio Lower Upper
62 100
64 33.6 26.3 39.5





#5
Bromomethane
Concen: 19.311 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

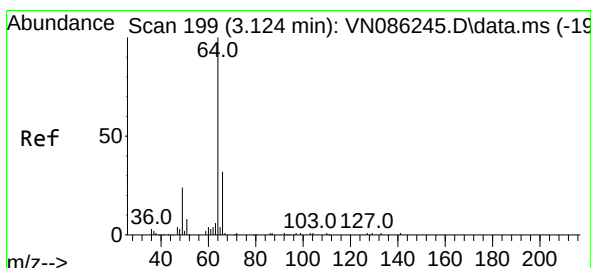
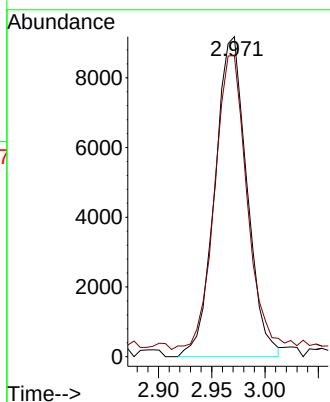
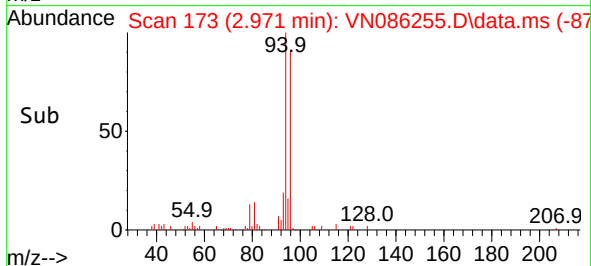
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 1918
Ion Ratio Lower Upper
94 100
96 90.8 72.2 108.2

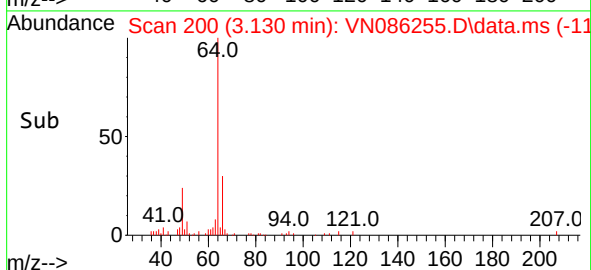
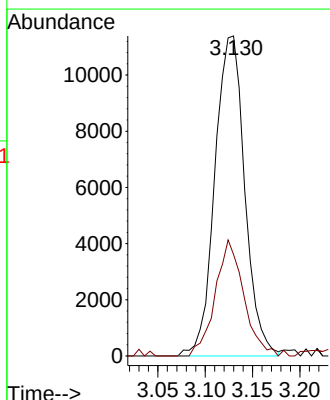
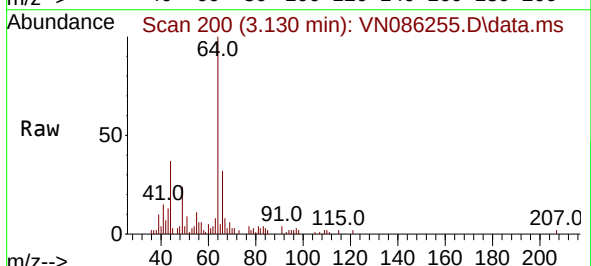
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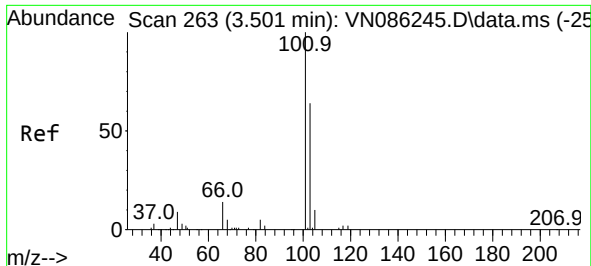
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#6
Chloroethane
Concen: 19.909 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

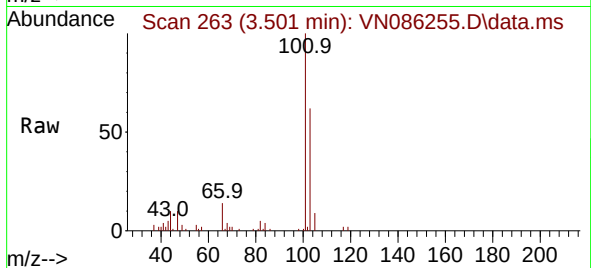
Tgt Ion: 64 Resp: 25042
Ion Ratio Lower Upper
64 100
66 31.7 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 19.342 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086255.D
 Acq: 11 Apr 2025 17:28

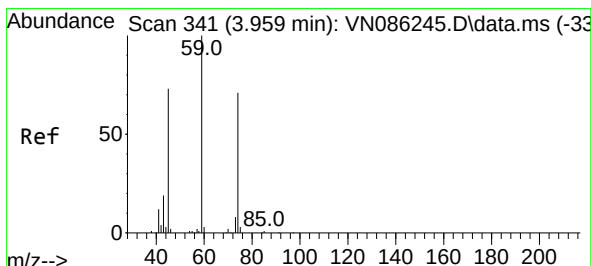
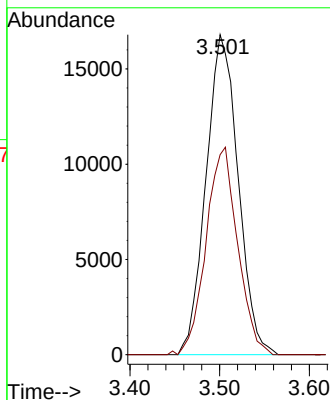
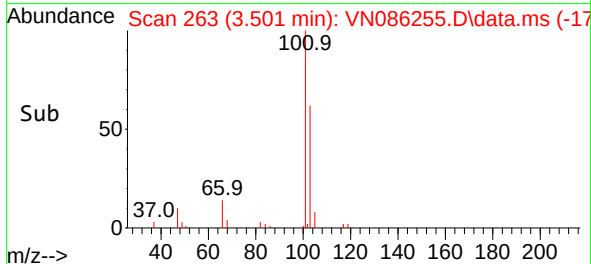
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:101 Resp: 41794
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.2 76.8

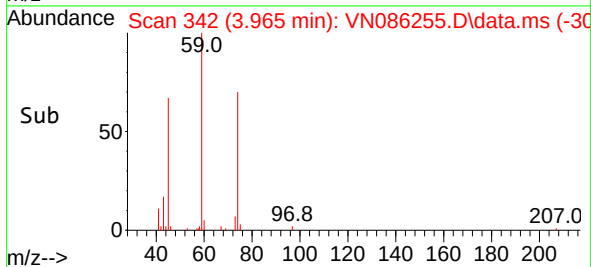
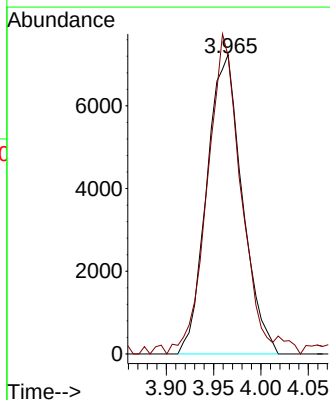
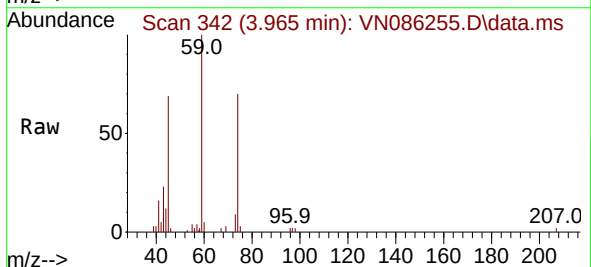
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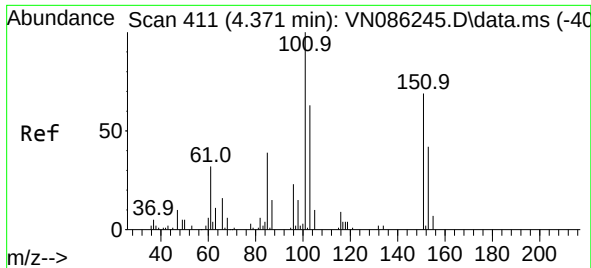
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#8
 Diethyl Ether
 Concen: 18.955 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN086255.D
 Acq: 11 Apr 2025 17:28

Tgt Ion: 74 Resp: 18888
 Ion Ratio Lower Upper
 74 100
 45 99.8 19.2 173.2





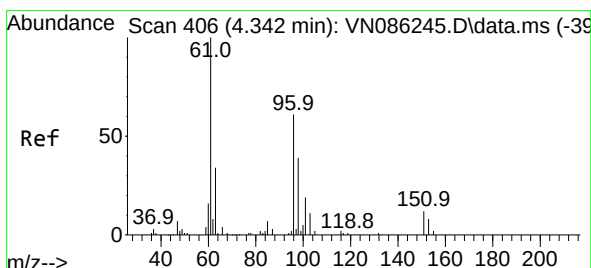
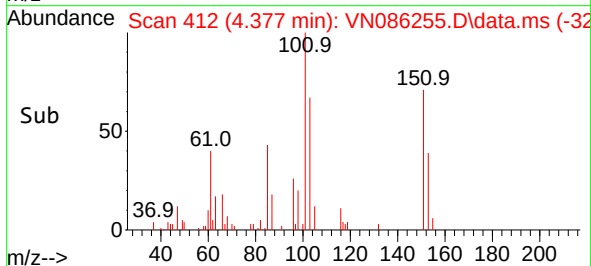
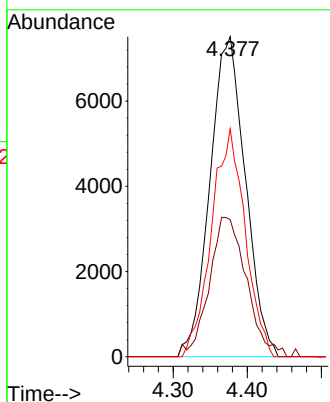
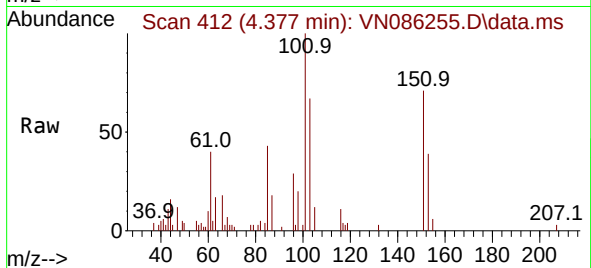
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.715 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 24930
Ion Ratio Lower Upper
101 100
85 41.9 0.0 93.0
151 67.7 0.0 138.6

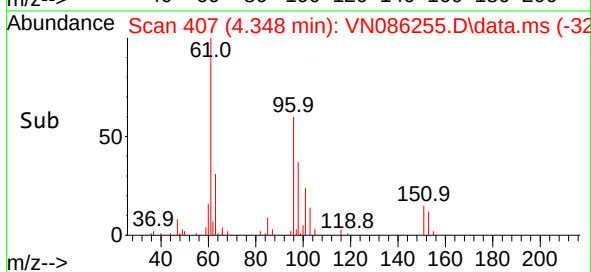
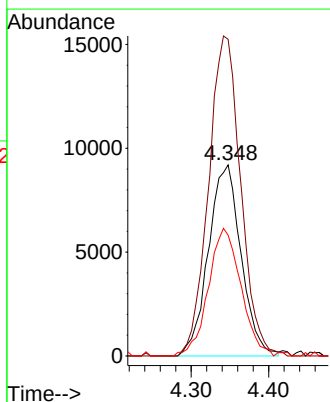
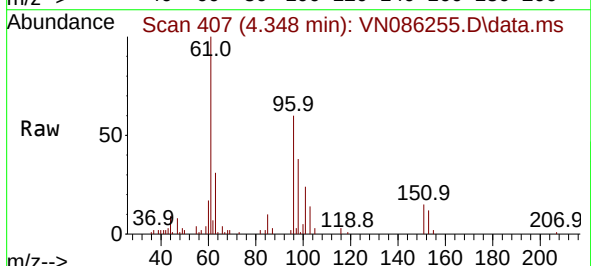
Manual Integrations
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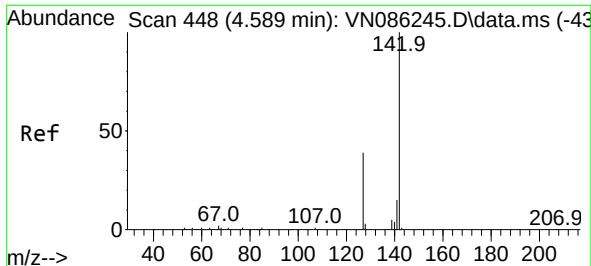
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#10
1,1-Dichloroethene
Concen: 18.753 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

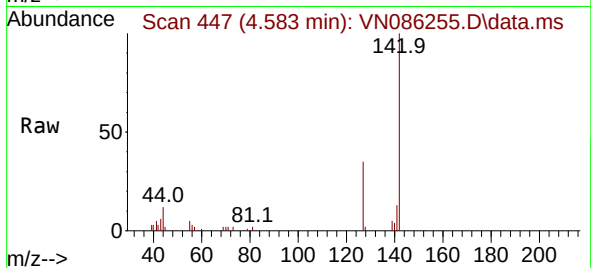
Tgt Ion: 96 Resp: 26966
Ion Ratio Lower Upper
96 100
61 165.8 131.1 196.7
98 61.5 51.6 77.4





#11
Methyl Iodide
Concen: 19.145 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

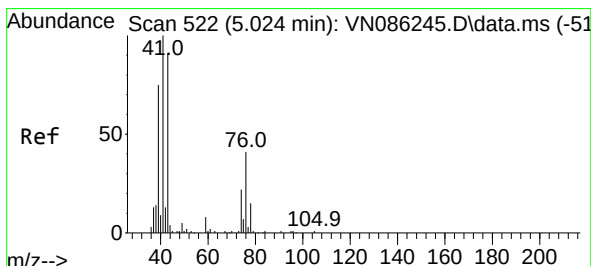
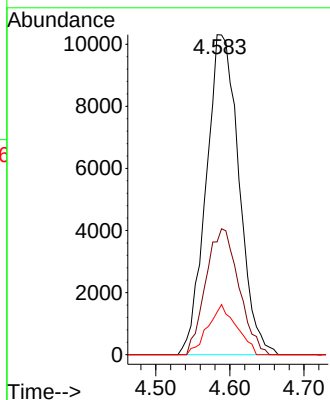
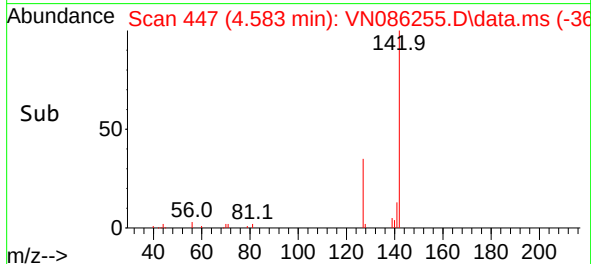
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 3164
Ion Ratio Lower Upper
142 100
127 35.3 19.6 58.8
141 13.3 7.3 21.9

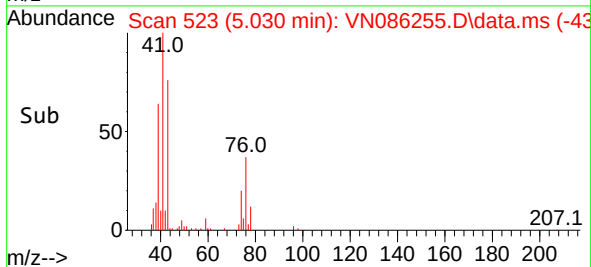
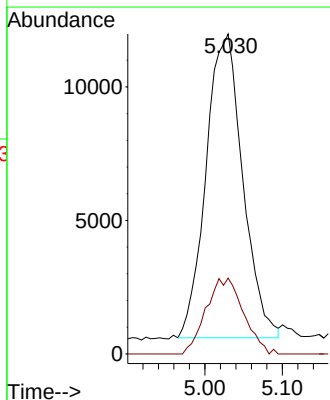
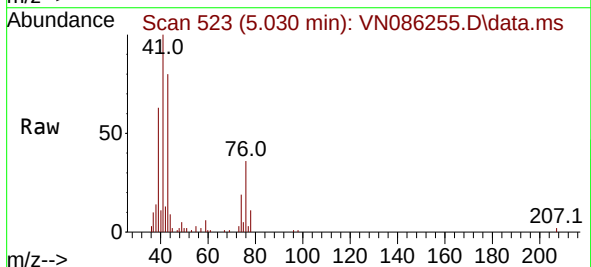
Manual Integrations
APPROVED

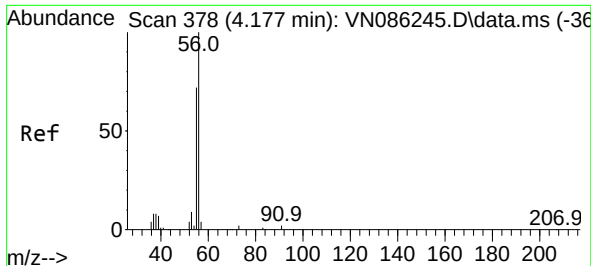
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#12
Methyl Acetate
Concen: 18.433 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

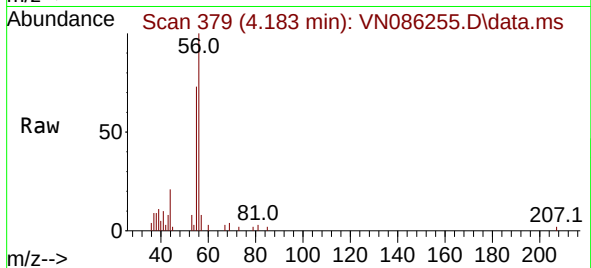
Tgt Ion: 43 Resp: 37430
Ion Ratio Lower Upper
43 100
74 25.4 19.1 28.7





#13
Acrolein
Concen: 82.706 ug/l
RT: 4.183 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

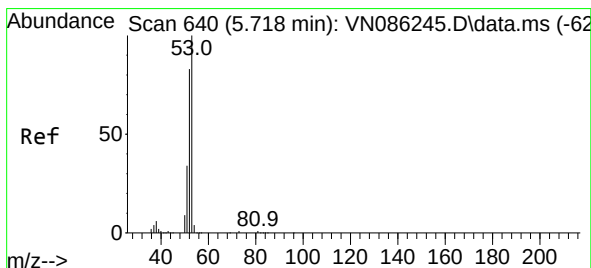
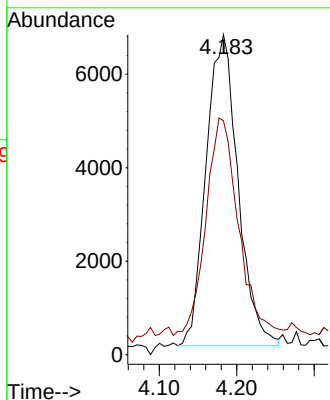
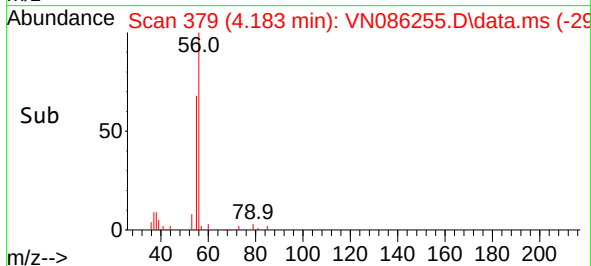
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 19090
Ion Ratio Lower Upper
56 100
55 73.3 56.5 84.7

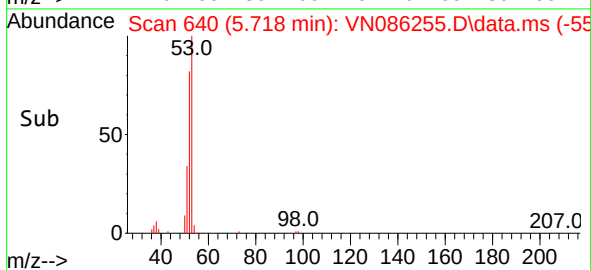
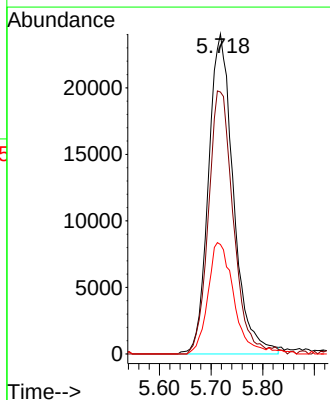
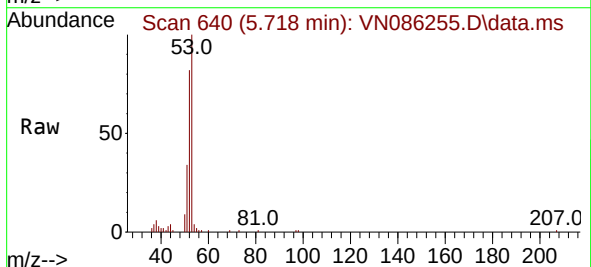
Manual Integrations
APPROVED

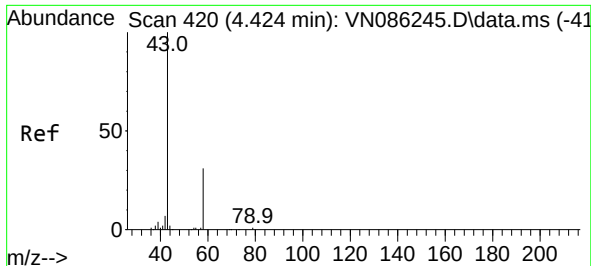
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#14
Acrylonitrile
Concen: 94.238 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

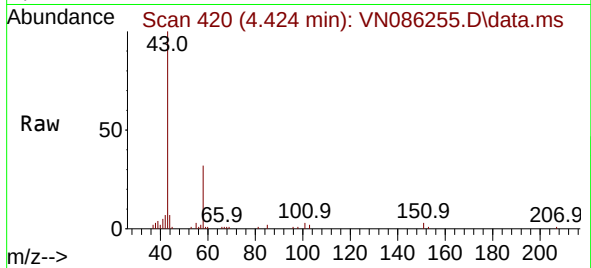
Tgt Ion: 53 Resp: 80784
Ion Ratio Lower Upper
53 100
52 81.0 40.2 120.6
51 35.6 17.5 52.6





#15
Acetone
Concen: 91.311 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

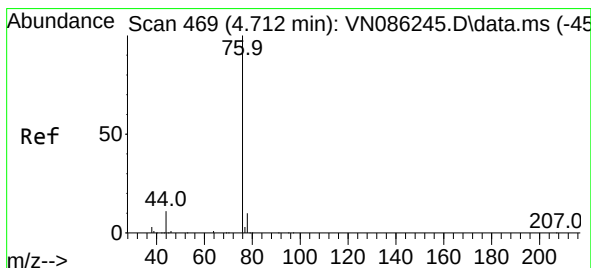
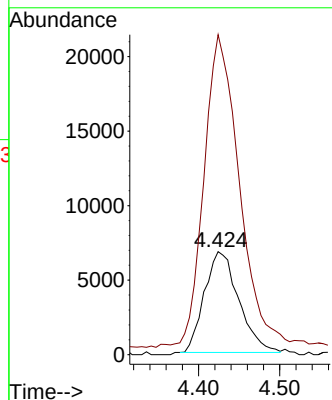
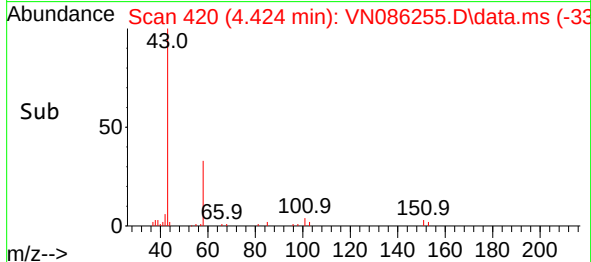
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



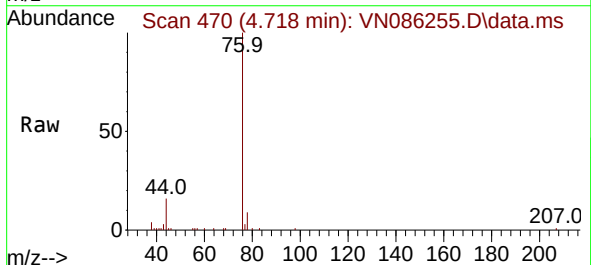
Tgt Ion: 58 Resp: 1984
Ion Ratio Lower Upper
58 100
43 305.8 261.8 392.8

Manual Integrations
APPROVED

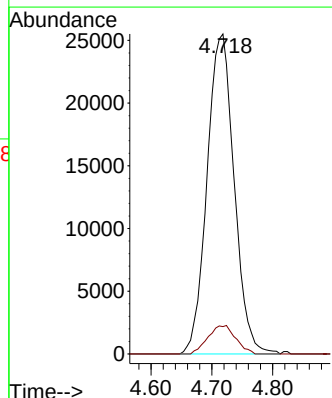
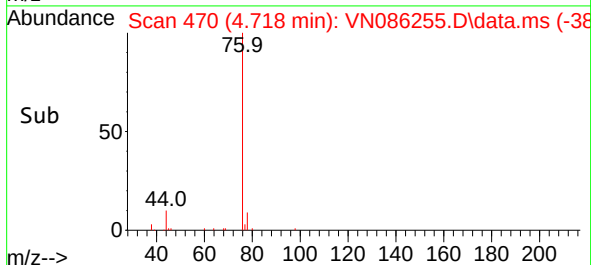
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

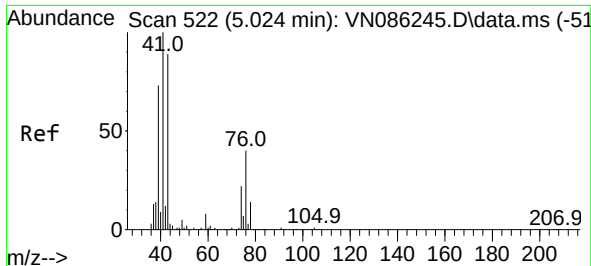


#16
Carbon Disulfide
Concen: 19.148 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28



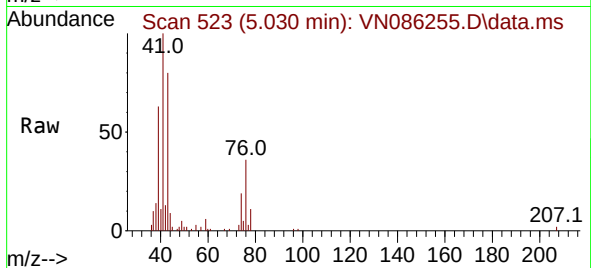
Tgt Ion: 76 Resp: 78952
Ion Ratio Lower Upper
76 100
78 8.6 7.7 11.5





#17
 Allyl chloride
 Concen: 19.596 ug/l
 RT: 5.030 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VN086255.D
 Acq: 11 Apr 2025 17:28

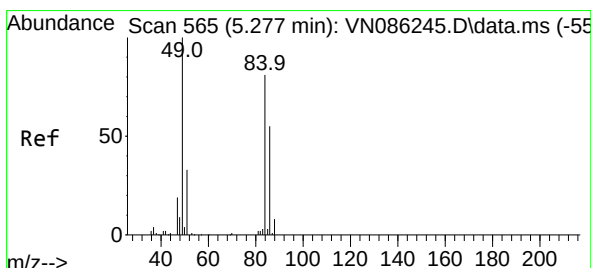
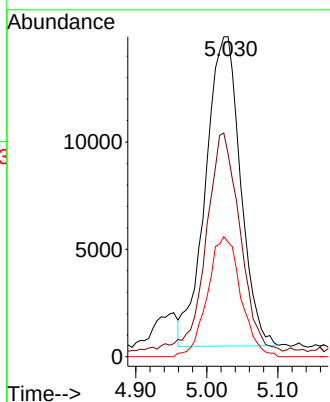
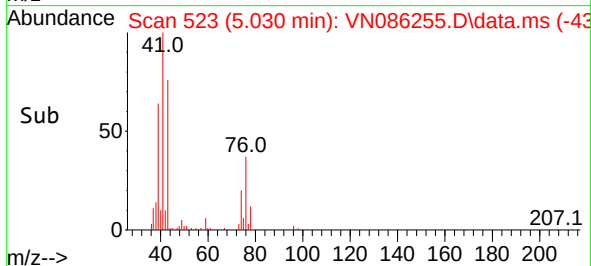
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 4911
 Ion Ratio Lower Upper
 41 100
 39 63.0 34.4 103.2
 76 37.1 18.8 56.3

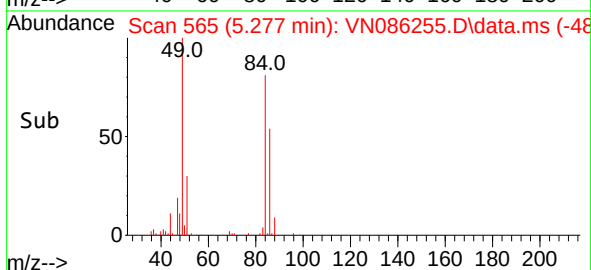
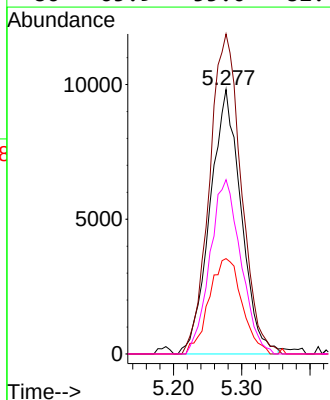
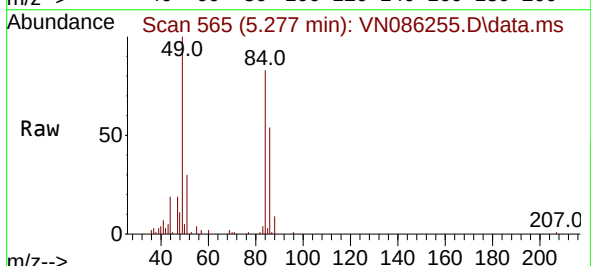
Manual Integrations
 APPROVED

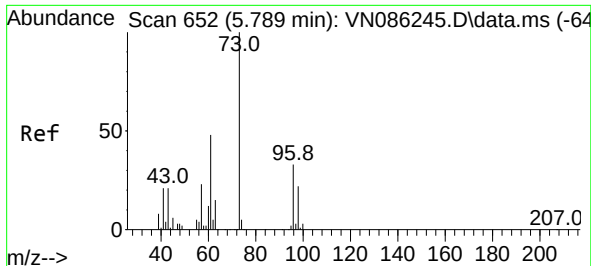
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#18
 Methylene Chloride
 Concen: 19.010 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086255.D
 Acq: 11 Apr 2025 17:28

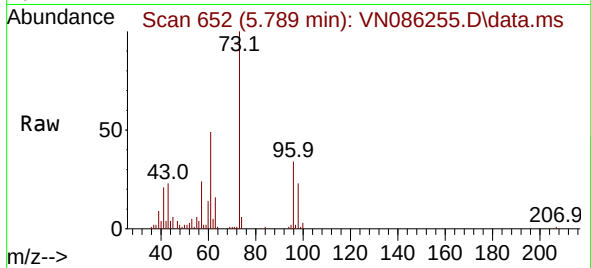
Tgt Ion: 84 Resp: 31167
 Ion Ratio Lower Upper
 84 100
 49 121.0 99.1 148.7
 51 36.1 32.3 48.5
 86 65.9 55.0 82.4





#19
trans-1,2-Dichloroethene
Concen: 18.843 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

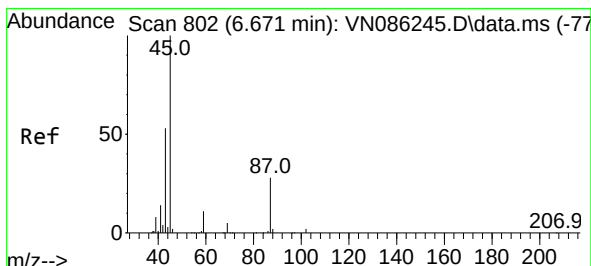
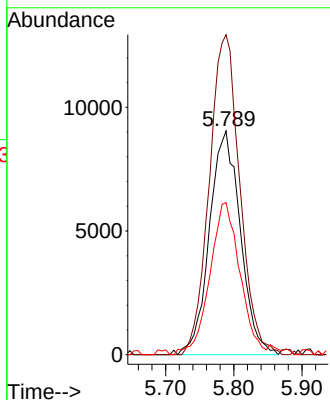
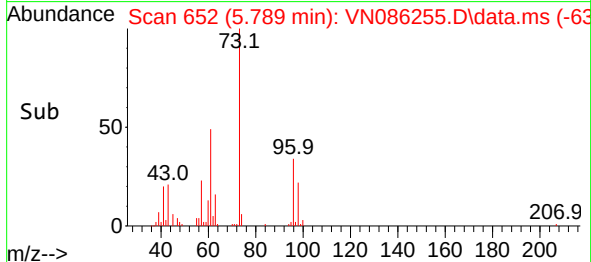
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 28540
Ion Ratio Lower Upper
96 100
61 143.1 115.9 173.9
98 65.6 52.1 78.1

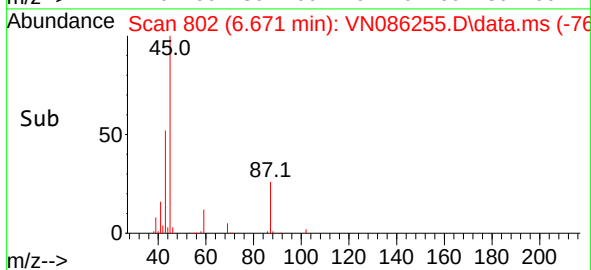
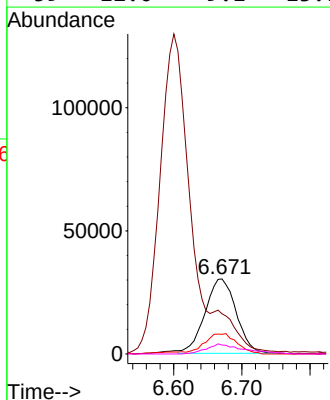
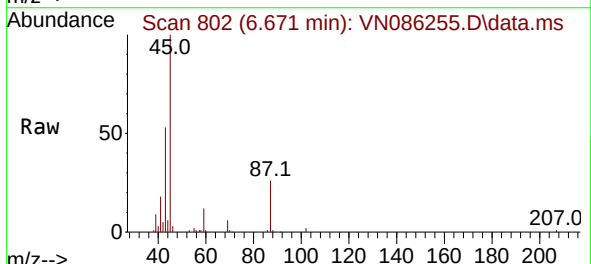
Manual Integrations
APPROVED

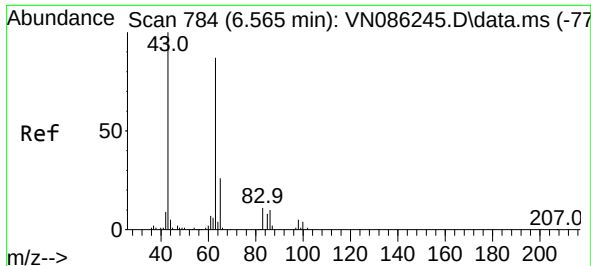
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#20
Diisopropyl ether
Concen: 17.775 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Tgt Ion: 45 Resp: 95774
Ion Ratio Lower Upper
45 100
43 51.0 42.3 63.5
87 26.4 22.2 33.4
59 12.0 9.1 13.7





#21

1,1-Dichloroethane

Concen: 19.295 ug/l

RT: 6.571 min Scan# 784

Delta R.T. 0.006 min

Lab File: VN086255.D

Acq: 11 Apr 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

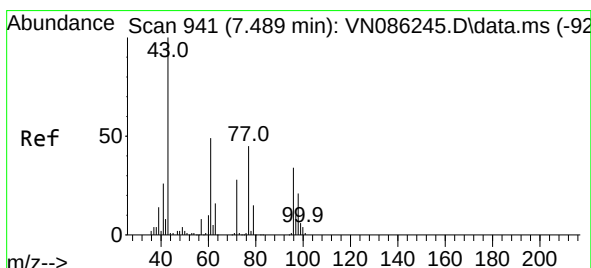
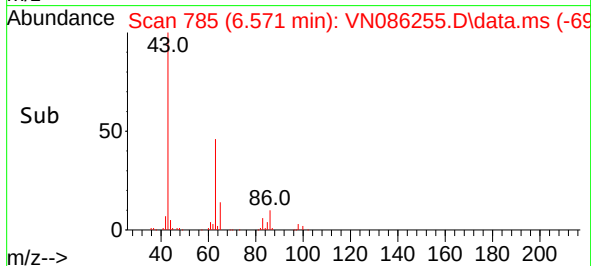
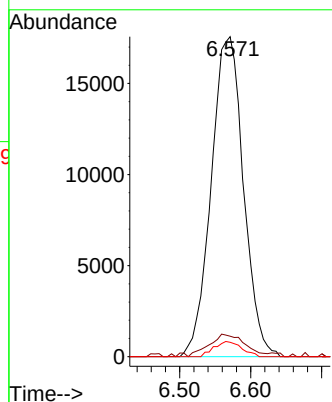
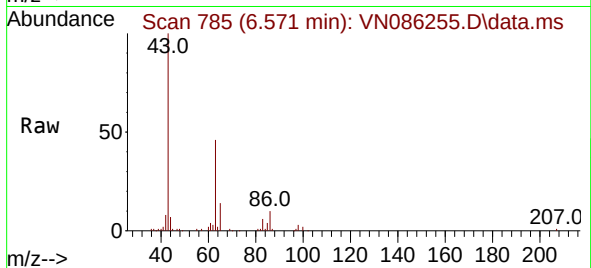
Tgt Ion:	63	Resp:	5546
Ion Ratio	Lower	Upper	
63	100		
98	5.3	3.1	9.3
100	4.5	2.3	6.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#22

cis-1,2-Dichloroethene

Concen: 19.057 ug/l

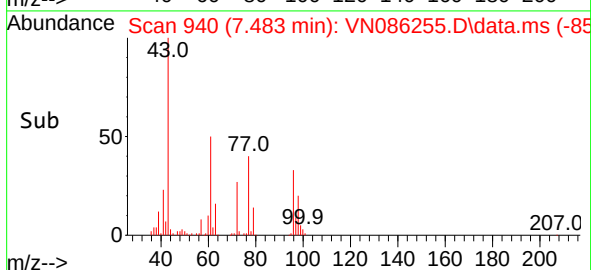
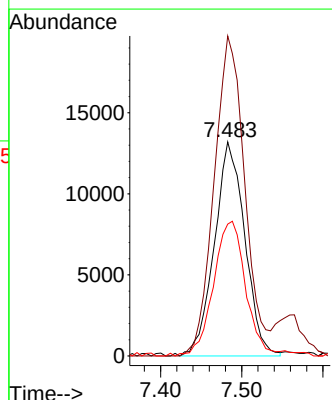
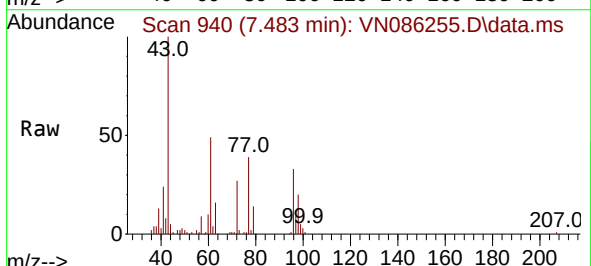
RT: 7.483 min Scan# 940

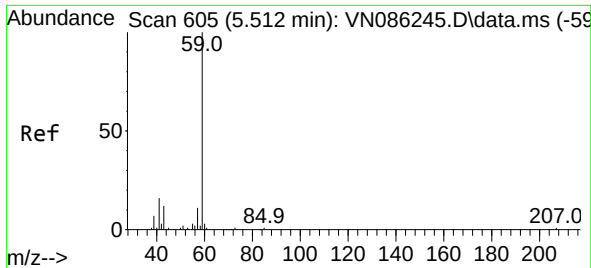
Delta R.T. -0.006 min

Lab File: VN086255.D

Acq: 11 Apr 2025 17:28

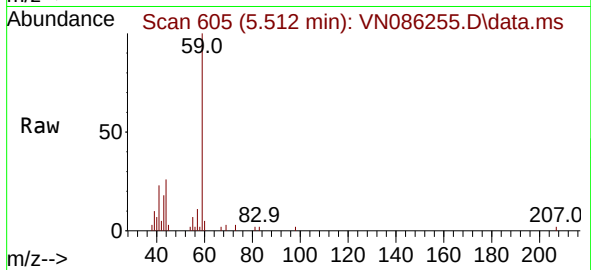
Tgt Ion:	96	Resp:	34384
Ion Ratio	Lower	Upper	
96	100		
61	150.8	119.5	179.3
98	62.9	51.0	76.6





#23
tert-Butyl Alcohol
Concen: 89.739 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

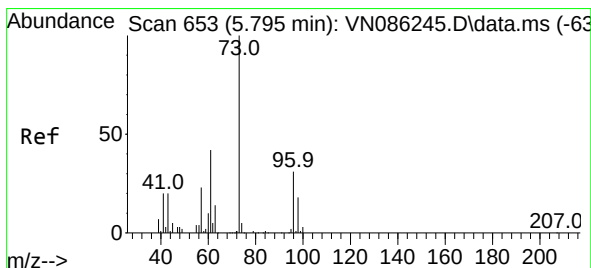
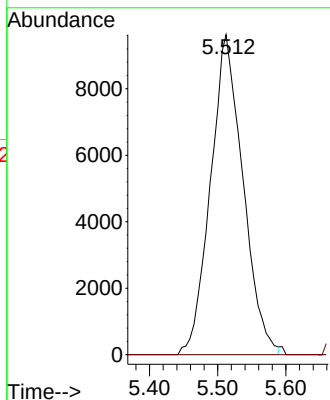
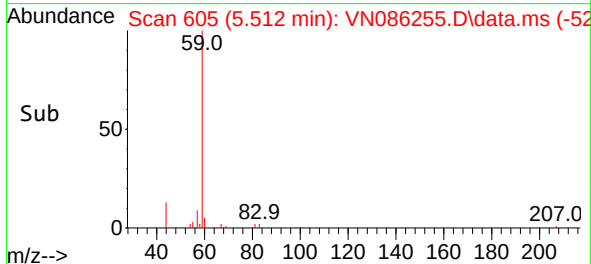
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



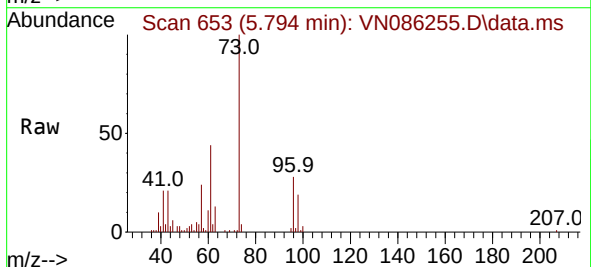
Tgt Ion: 59 Resp: 3187
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

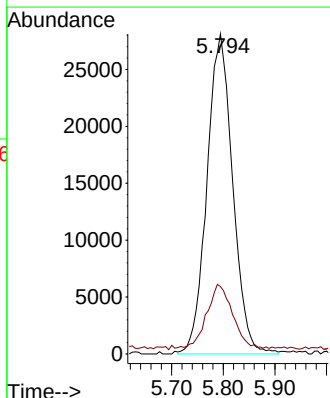
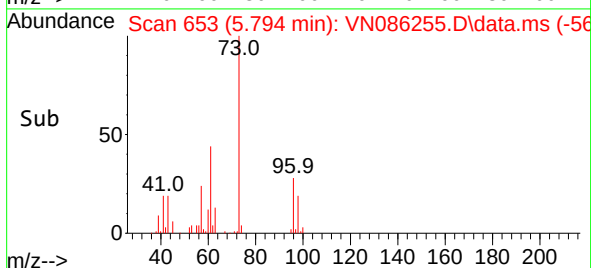
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

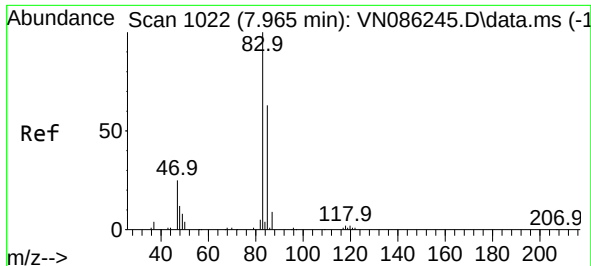


#24
Methyl tert-Butyl Ether
Concen: 18.777 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28



Tgt Ion: 73 Resp: 97437
Ion Ratio Lower Upper
73 100
43 20.0 16.8 25.2





#25

Chloroform

Concen: 19.423 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086255.D

Acq: 11 Apr 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 83 Resp: 5324

Ion Ratio Lower Upper

83 100

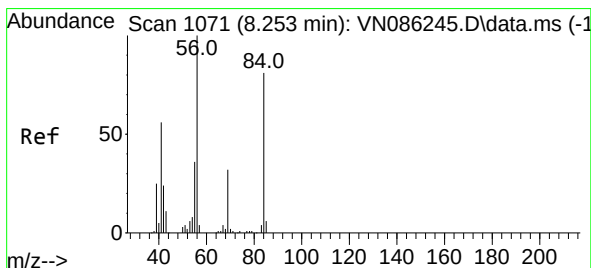
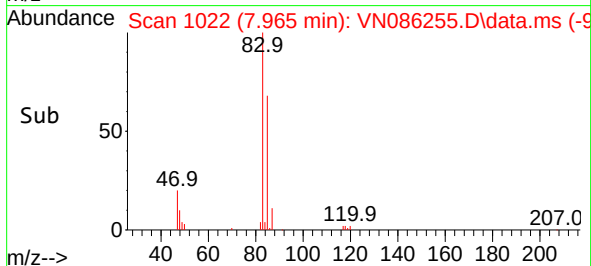
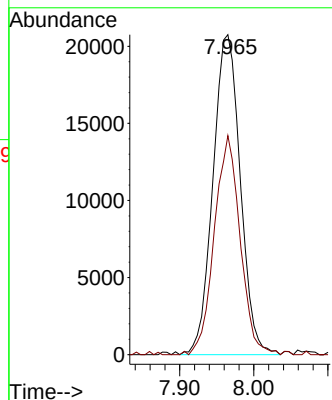
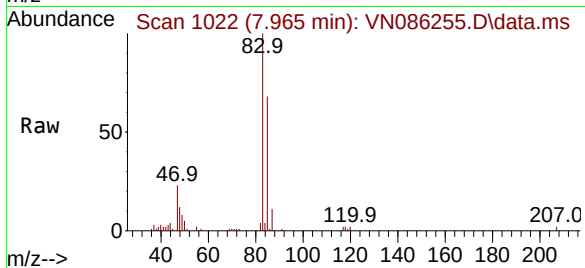
85 68.5 50.5 75.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#26

Cyclohexane

Concen: 18.733 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086255.D

Acq: 11 Apr 2025 17:28

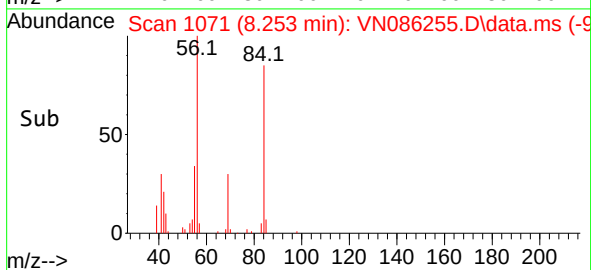
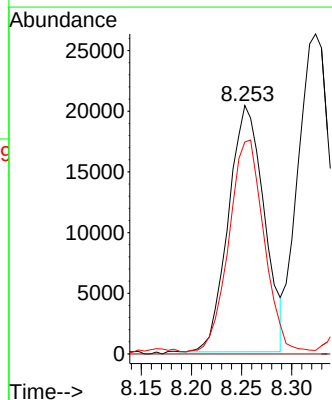
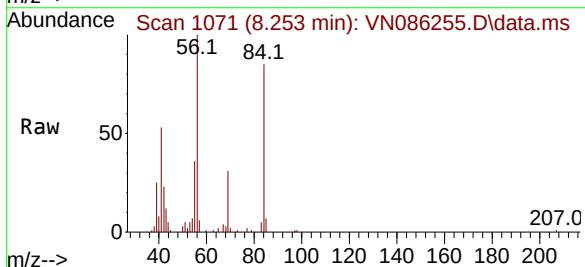
Tgt Ion: 56 Resp: 50381

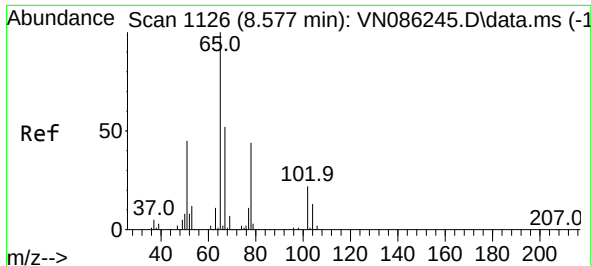
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

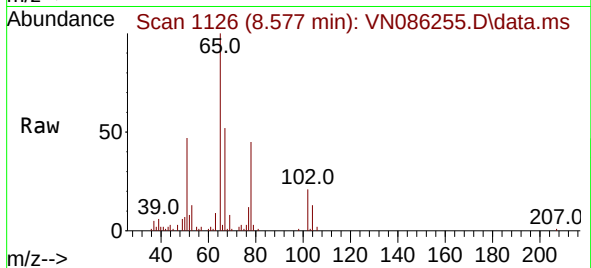
84 86.9 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 29.085 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

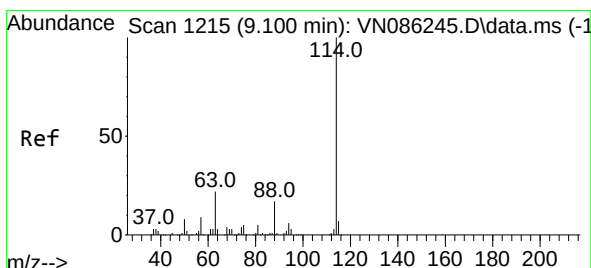
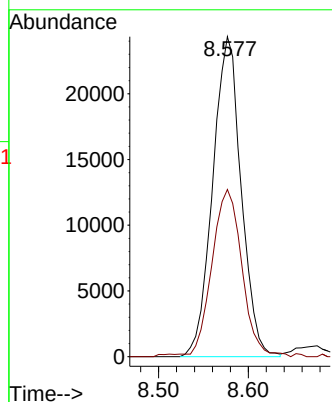
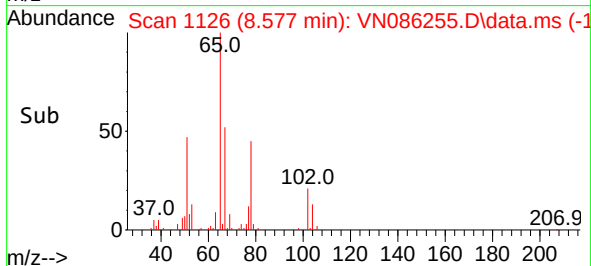
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 65 Resp: 5357
Ion Ratio Lower Upper
65 100
67 54.5 43.4 65.2

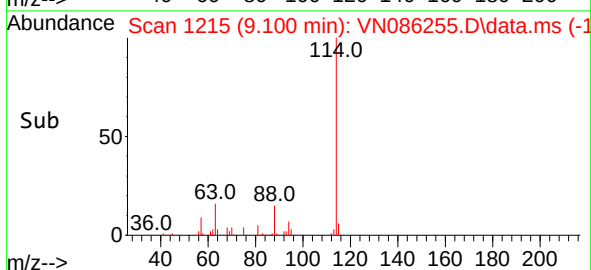
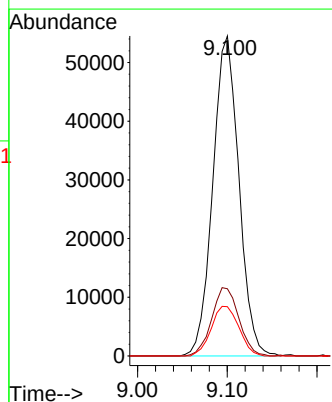
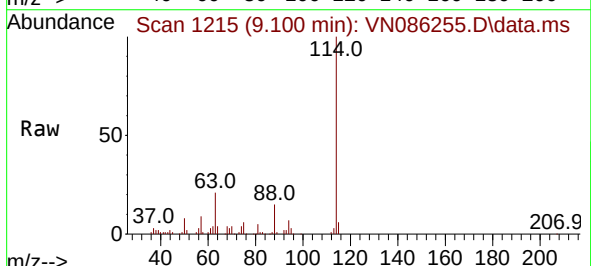
Manual Integrations
APPROVED

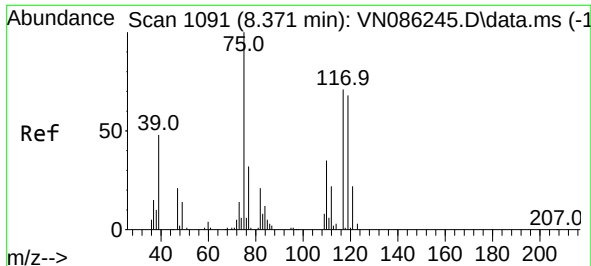
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

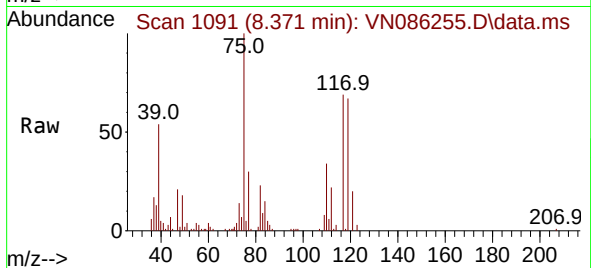
Tgt Ion:114 Resp: 109876
Ion Ratio Lower Upper
114 100
63 22.3 17.8 26.6
88 16.5 13.4 20.2





#29
1,1-Dichloropropene
Concen: 19.965 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

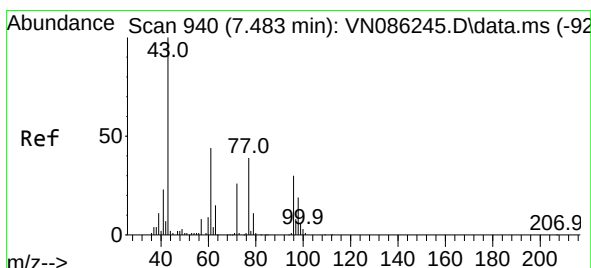
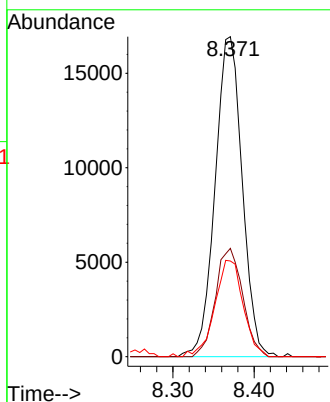
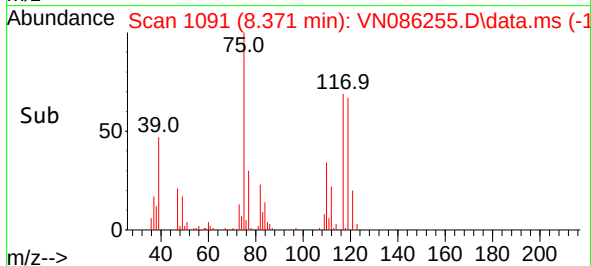
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



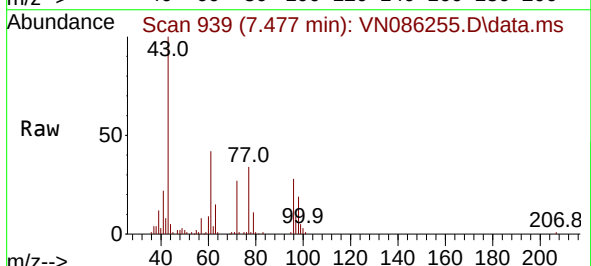
Tgt Ion: 75 Resp: 39298
Ion Ratio Lower Upper
75 100
110 34.1 0.0 68.6
77 31.5 0.0 63.8

Manual Integrations
APPROVED

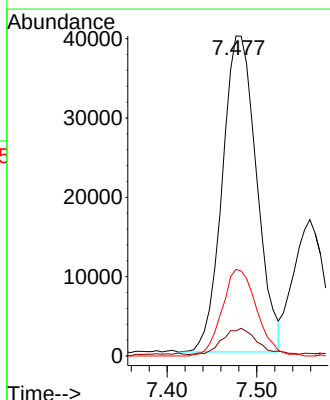
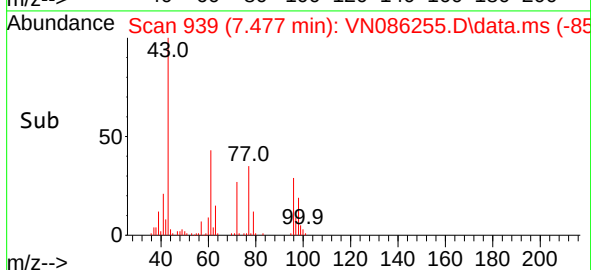
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

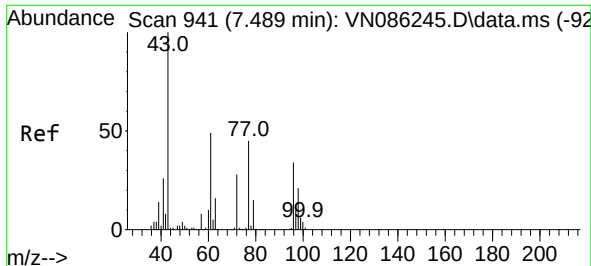


#30
2-Butanone
Concen: 96.889 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28



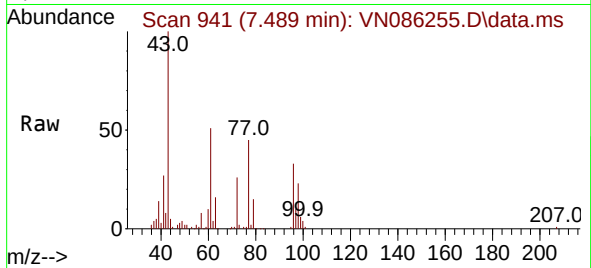
Tgt Ion: 43 Resp: 105674
Ion Ratio Lower Upper
43 100
57 8.0 6.4 9.6
72 27.4 21.5 32.3





#31
2,2-Dichloropropane
Concen: 19.045 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

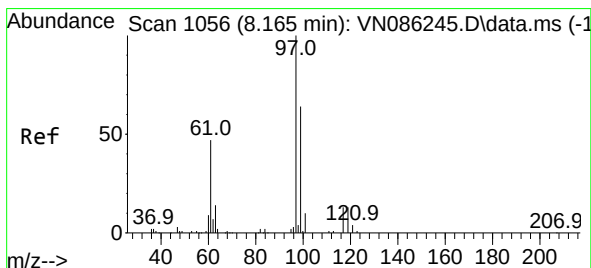
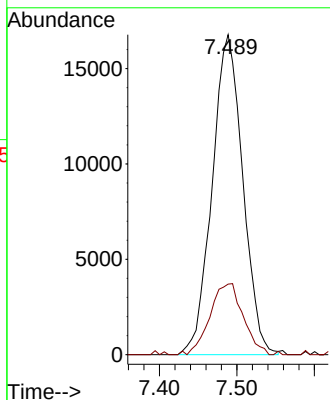
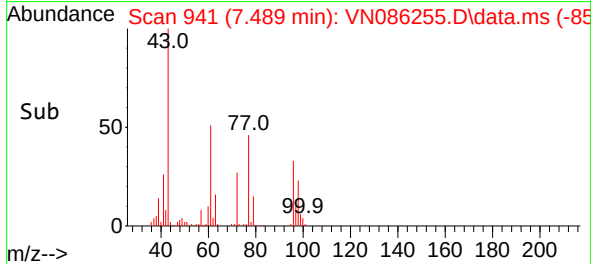
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



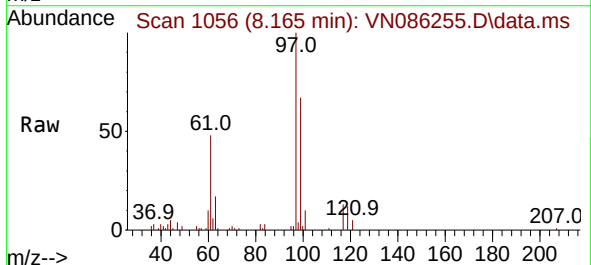
Tgt Ion: 77 Resp: 4614
Ion Ratio Lower Upper
77 100
97 23.9 18.8 28.2

Manual Integrations
APPROVED

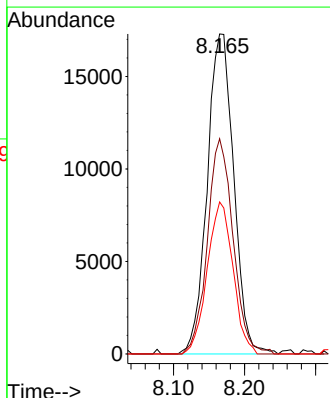
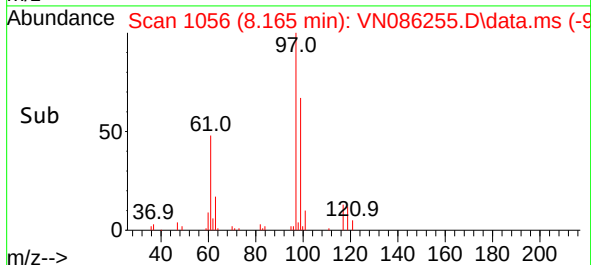
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

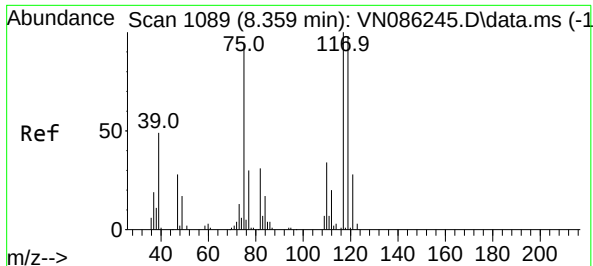


#32
1,1,1-Trichloroethane
Concen: 19.825 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28



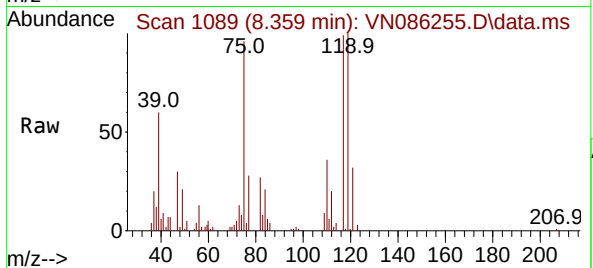
Tgt Ion: 97 Resp: 44888
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.2
61 46.0 37.0 55.6





#33
Carbon Tetrachloride
Concen: 19.444 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

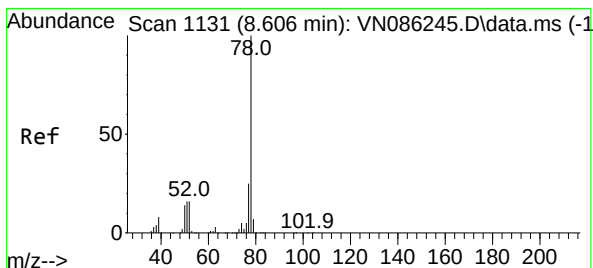
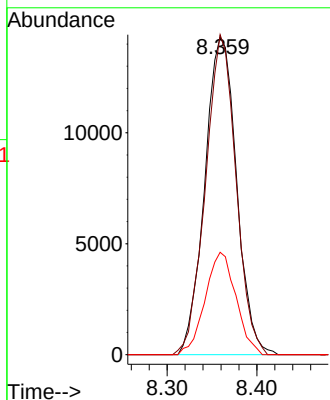
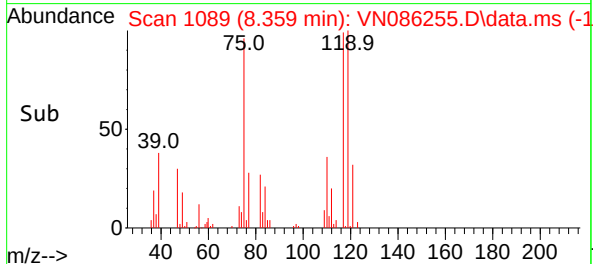
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 3518
Ion Ratio Lower Upper
117 100
119 100.7 78.3 117.5
121 32.2 22.5 33.7

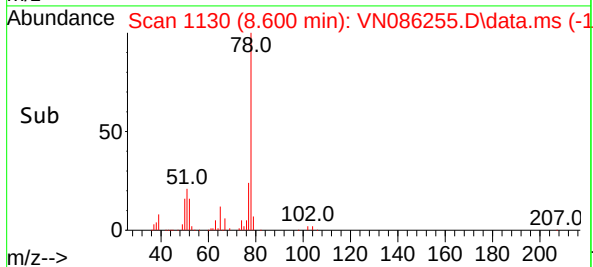
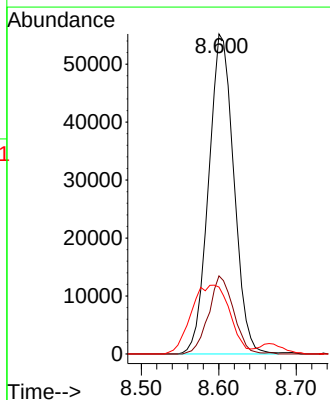
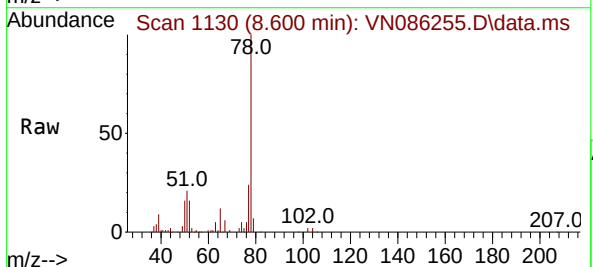
Manual Integrations
APPROVED

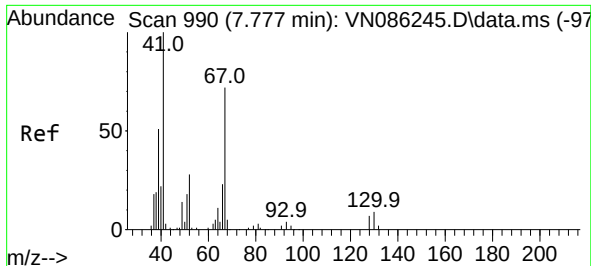
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#34
Benzene
Concen: 19.909 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

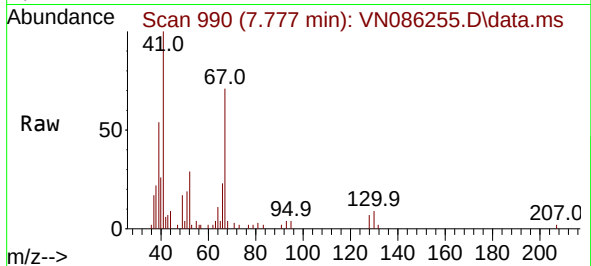
Tgt Ion: 78 Resp: 124673
Ion Ratio Lower Upper
78 100
77 24.4 20.0 30.0
51 18.5 12.9 19.3





#35
Methacrylonitrile
Concen: 20.728 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

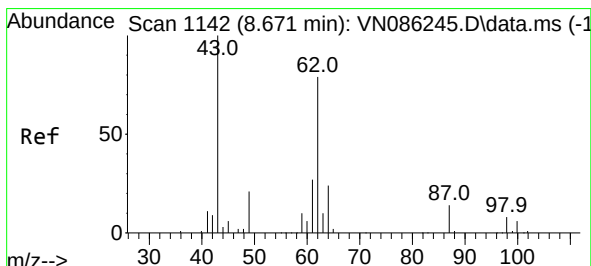
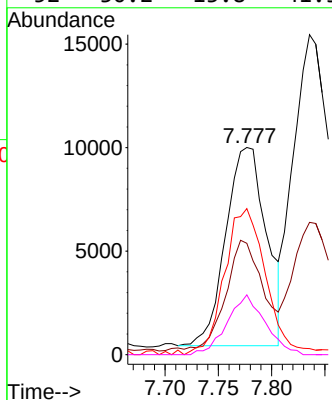
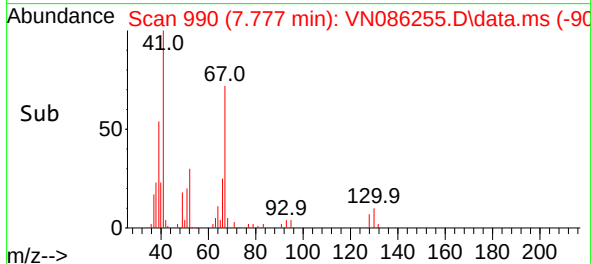
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 25486
Ion Ratio Lower Upper
41 100
39 52.8 25.8 77.3
67 71.4 36.0 108.0
52 30.2 13.8 41.3

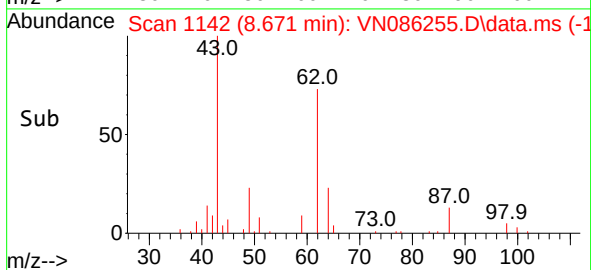
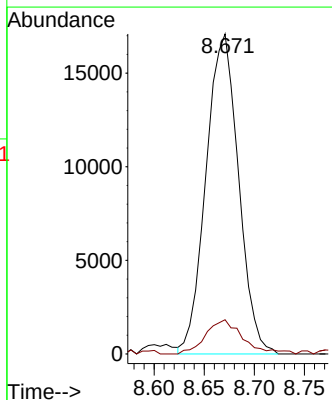
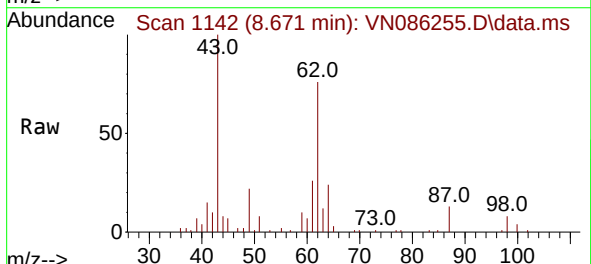
Manual Integrations
APPROVED

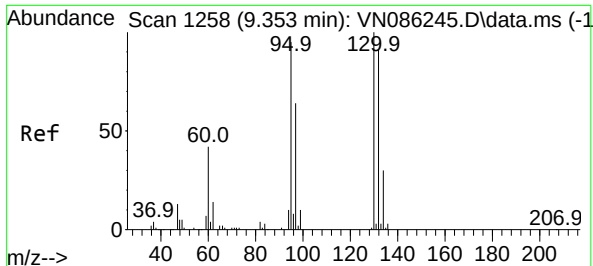
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#36
1,2-Dichloroethane
Concen: 19.705 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Tgt Ion: 62 Resp: 38614
Ion Ratio Lower Upper
62 100
98 11.9 8.6 12.8





#37

Trichloroethene

Concen: 18.904 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VN086255.D

Acq: 11 Apr 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion:130 Resp: 2856

Ion Ratio Lower Upper

130 100

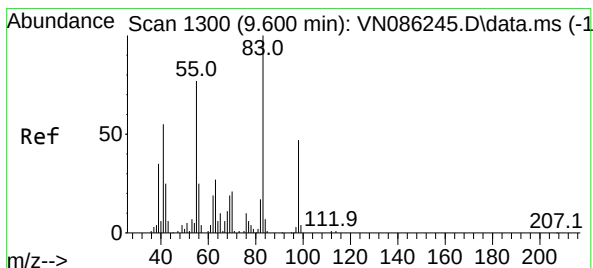
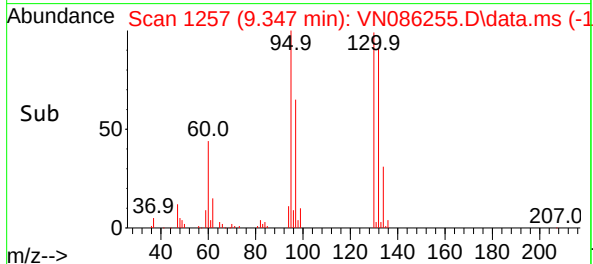
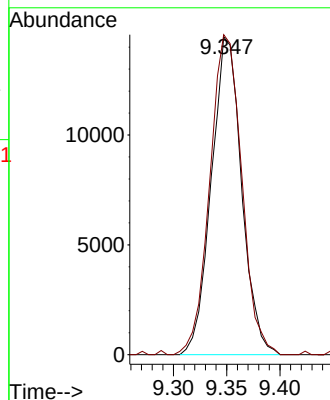
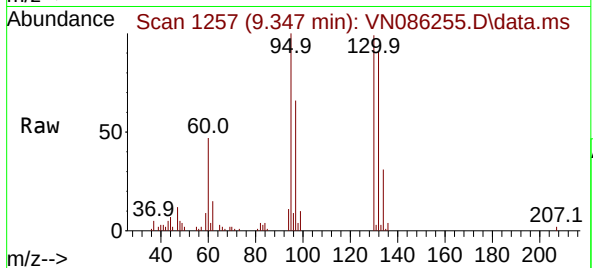
95 100.7 76.4 114.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#38

Methylcyclohexane

Concen: 18.901 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086255.D

Acq: 11 Apr 2025 17:28

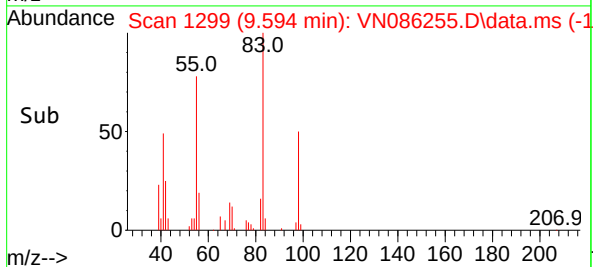
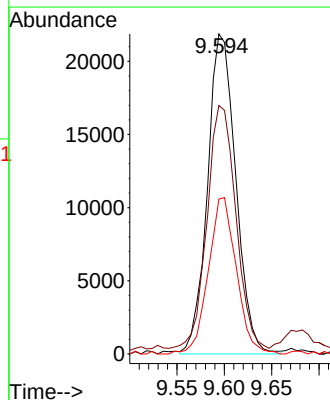
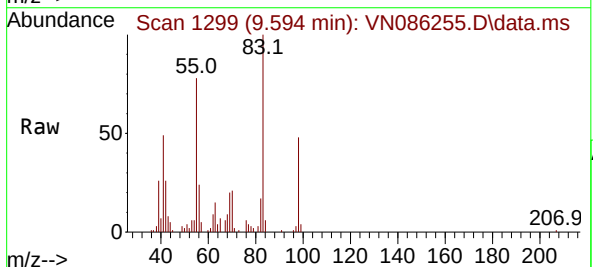
Tgt Ion: 83 Resp: 45627

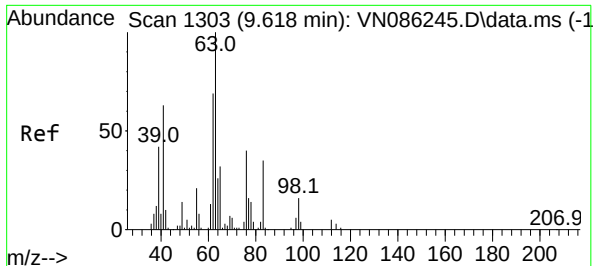
Ion Ratio Lower Upper

83 100

55 77.7 38.5 115.5

98 48.0 24.4 73.2





#39

1,2-Dichloropropane

Concen: 19.693 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086255.D

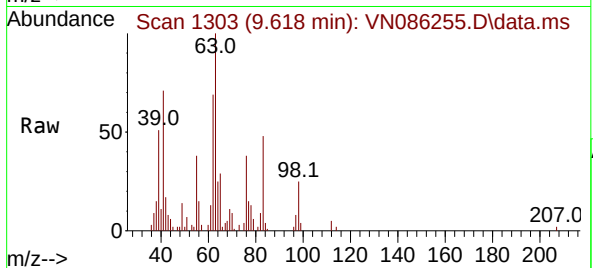
Acq: 11 Apr 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion: 63 Resp: 3068

Ion Ratio Lower Upper

63 100

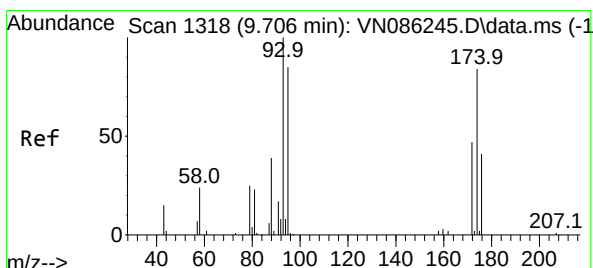
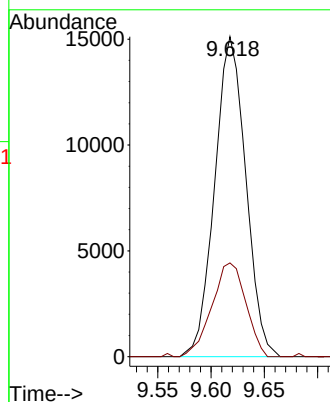
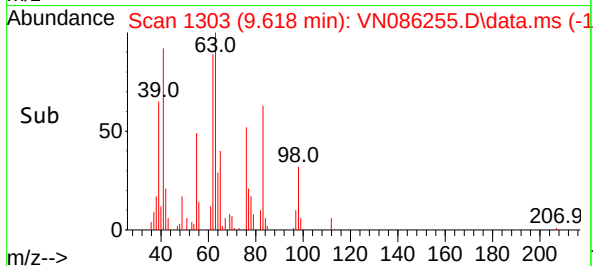
65 29.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#40

Dibromomethane

Concen: 19.875 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086255.D

Acq: 11 Apr 2025 17:28

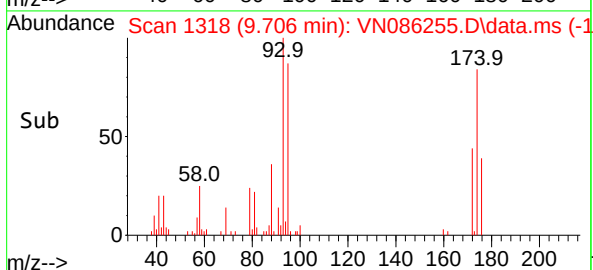
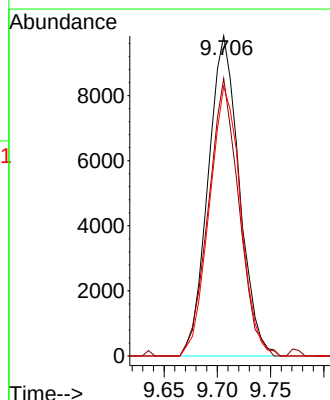
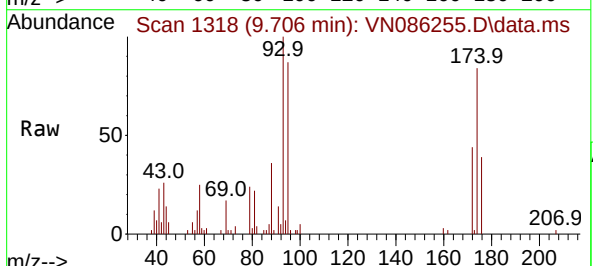
Tgt Ion: 93 Resp: 20002

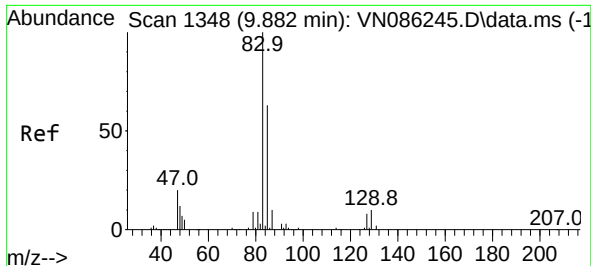
Ion Ratio Lower Upper

93 100

95 84.4 0.0 169.0

174 84.5 0.0 168.0





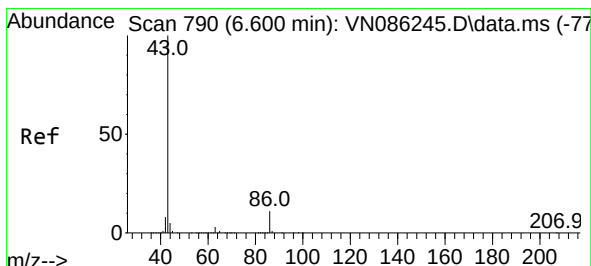
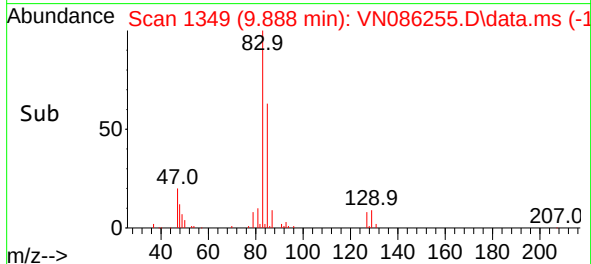
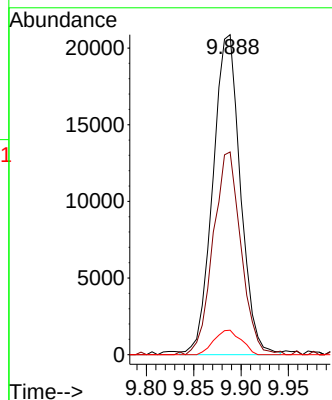
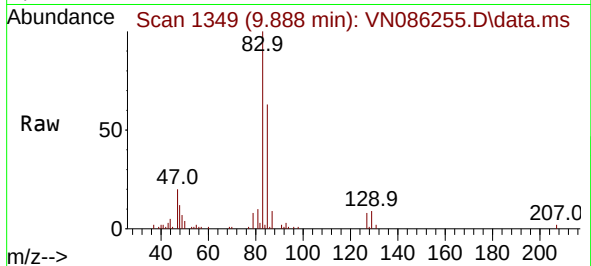
#41
Bromodichloromethane
Concen: 19.539 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 4224
Ion Ratio Lower Upper
83 100
85 63.0 50.2 75.2
127 7.7 6.2 9.4

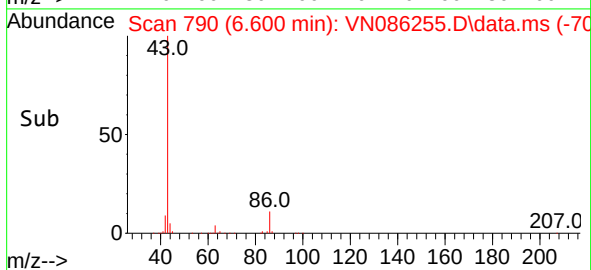
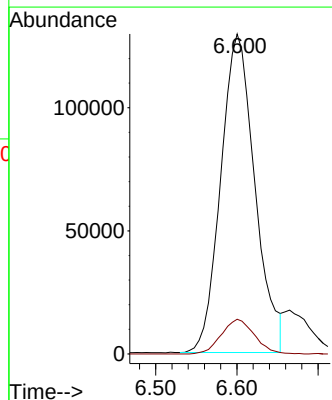
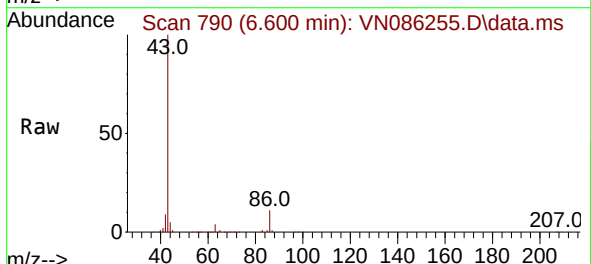
Manual Integrations
APPROVED

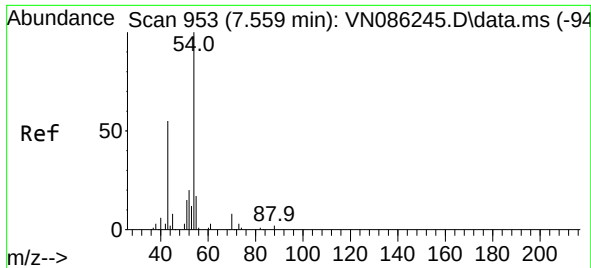
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#42
Vinyl Acetate
Concen: 101.896 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

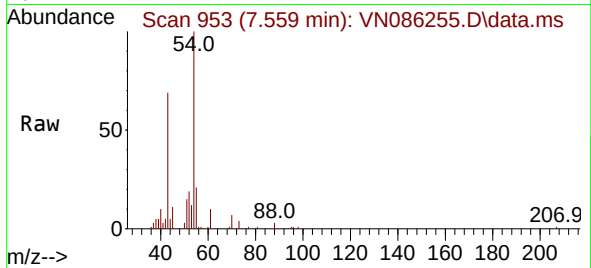
Tgt Ion: 43 Resp: 378299
Ion Ratio Lower Upper
43 100
86 10.6 8.4 12.6





#43
Ethyl Acetate
Concen: 17.072 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

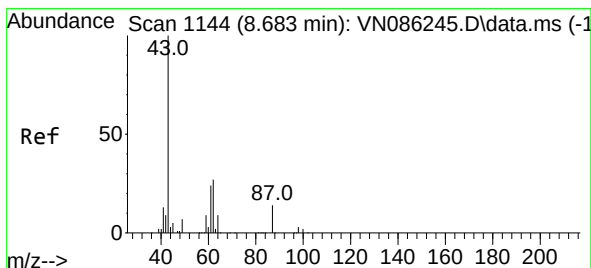
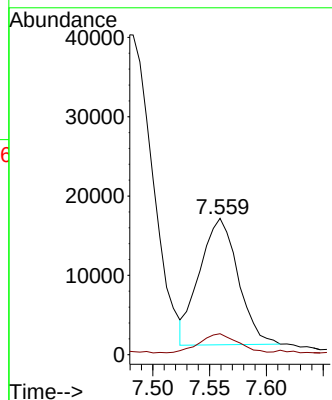
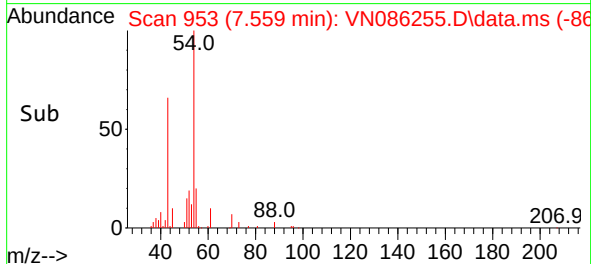
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 3755
Ion Ratio Lower Upper
43 100
45 16.9 11.2 16.8

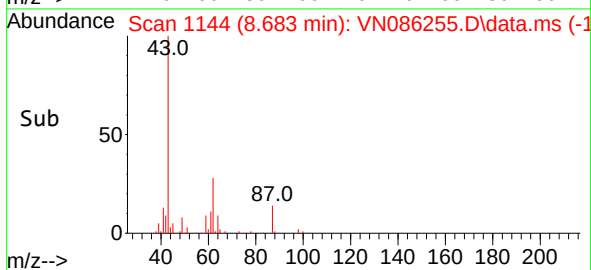
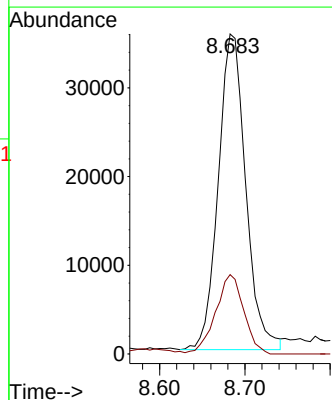
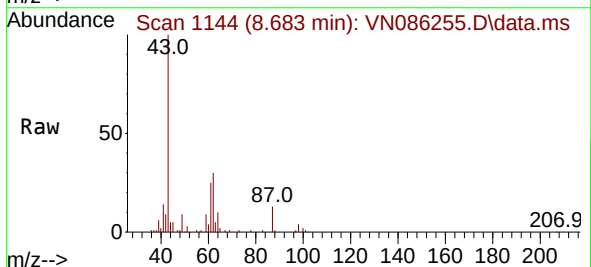
Manual Integrations
APPROVED

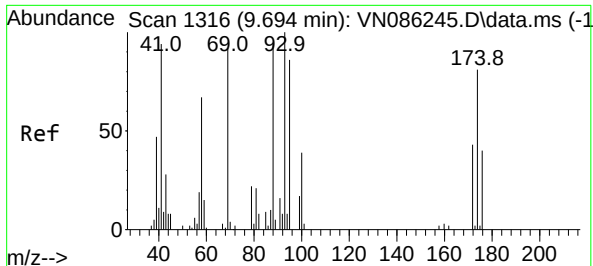
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#44
Isopropyl Acetate
Concen: 19.518 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

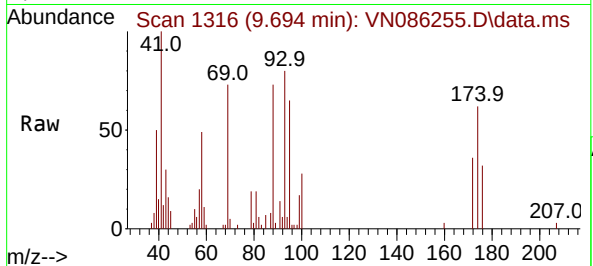
Tgt Ion: 43 Resp: 79656
Ion Ratio Lower Upper
43 100
61 25.7 20.5 30.7





#45
1,4-Dioxane
Concen: 392.047 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

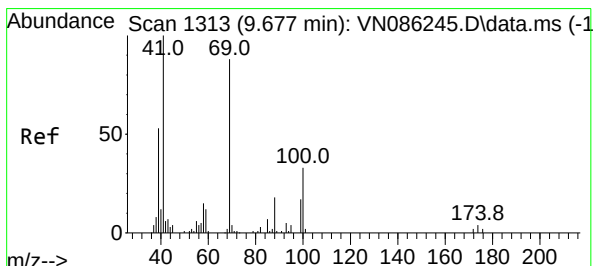
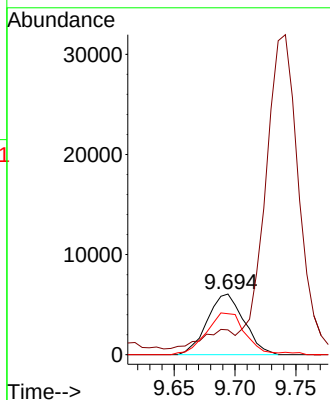
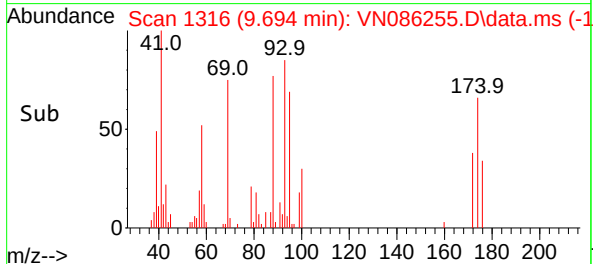
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



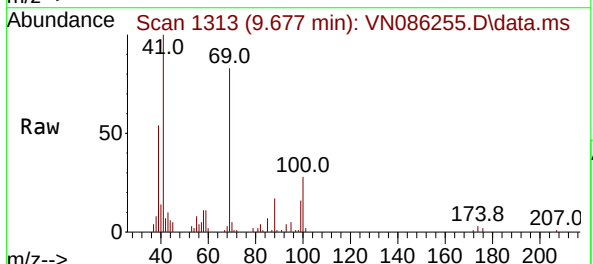
Tgt Ion: 88 Resp: 12723
Ion Ratio Lower Upper
88 100
43 28.1 14.4 21.6
58 72.3 59.8 89.8

Manual Integrations
APPROVED

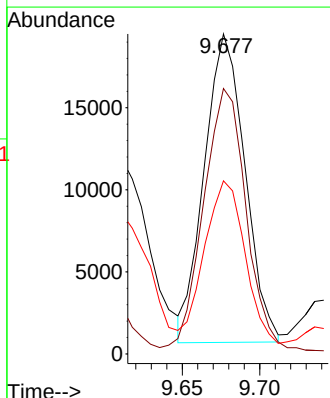
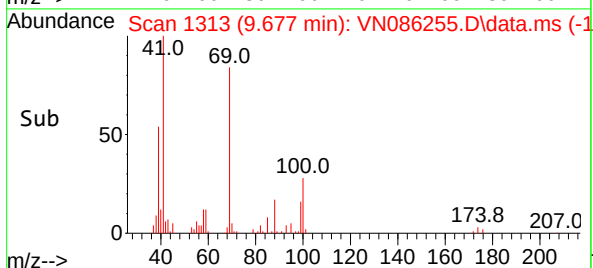
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

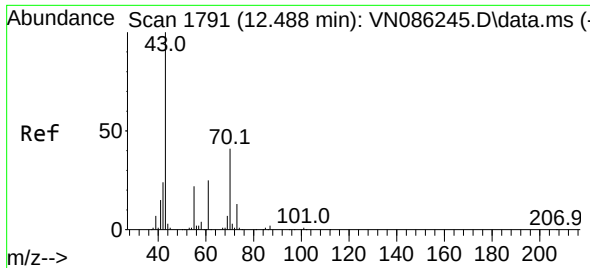


#46
Methyl methacrylate
Concen: 19.067 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28



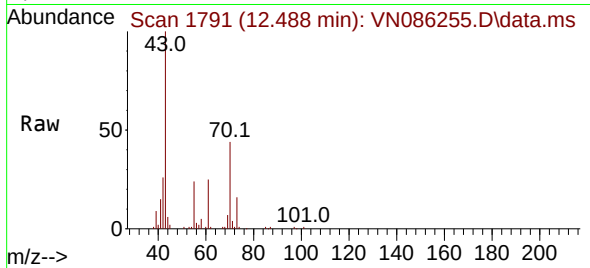
Tgt Ion: 41 Resp: 34286
Ion Ratio Lower Upper
41 100
69 84.2 43.2 129.6
39 54.0 26.4 79.0





#47
n-amy1 Acetate
Concen: 17.812 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

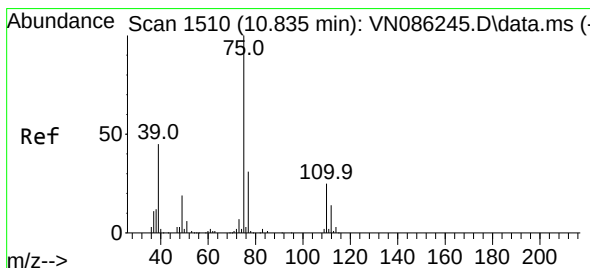
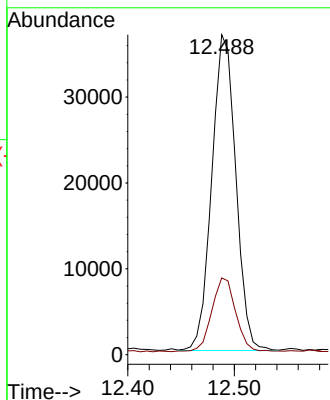
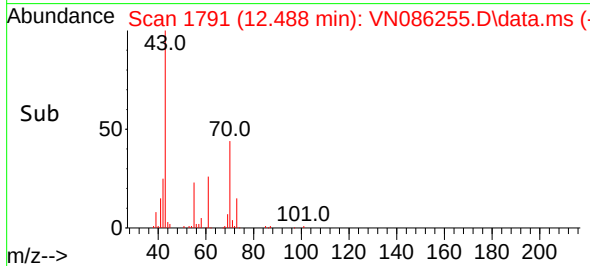
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 5763
Ion Ratio Lower Upper
43 100
55 23.2 19.0 28.4

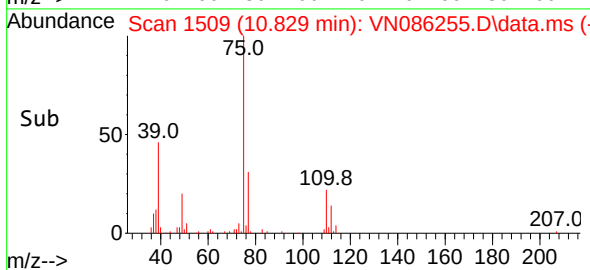
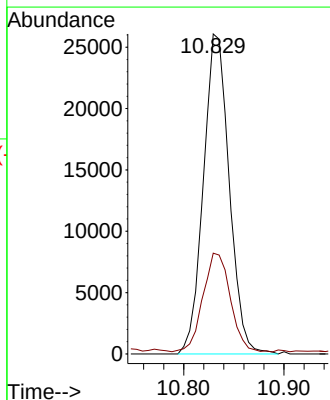
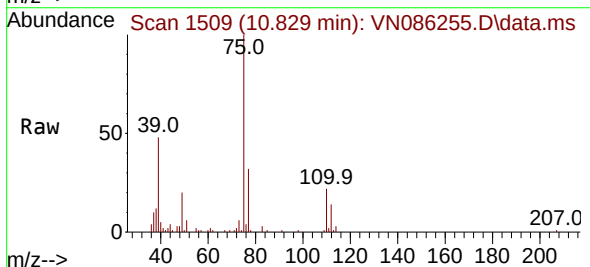
Manual Integrations
APPROVED

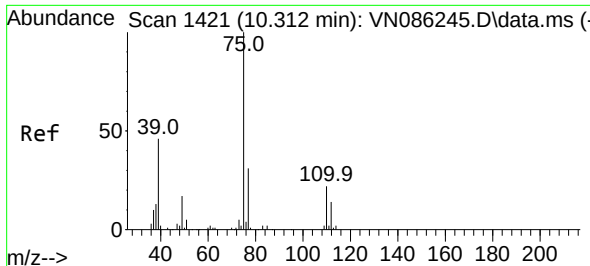
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#48
t-1,3-Dichloropropene
Concen: 19.149 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

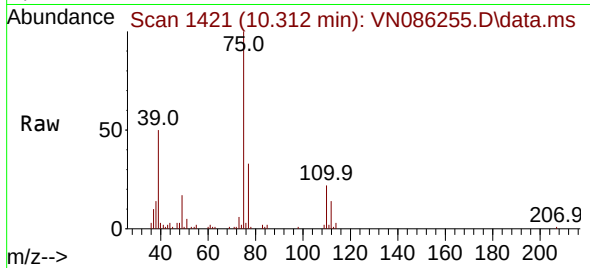
Tgt Ion: 75 Resp: 46804
Ion Ratio Lower Upper
75 100
77 30.4 25.1 37.7





#49
cis-1,3-Dichloropropene
Concen: 19.814 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

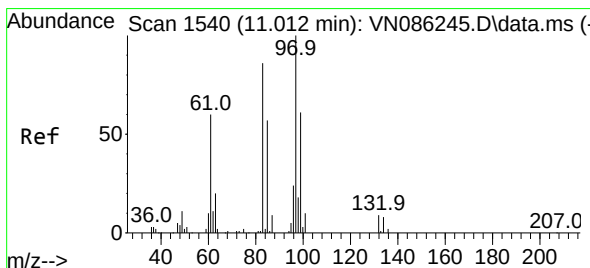
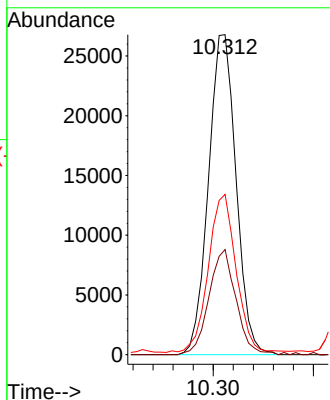
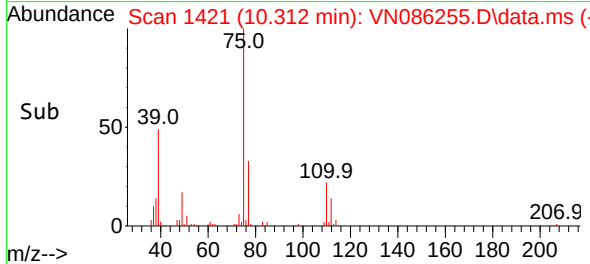
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 51250
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.4
39 49.2 36.7 55.1

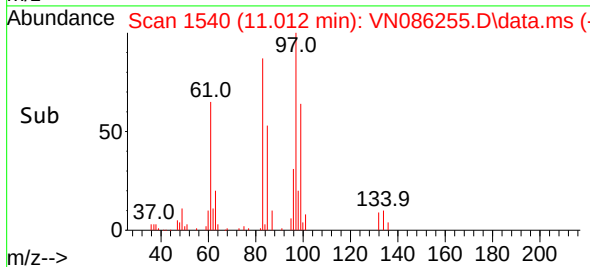
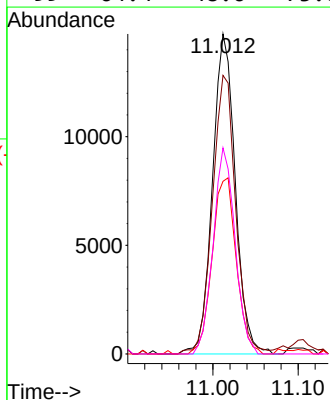
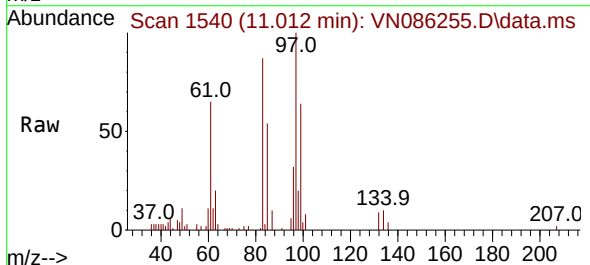
Manual Integrations
APPROVED

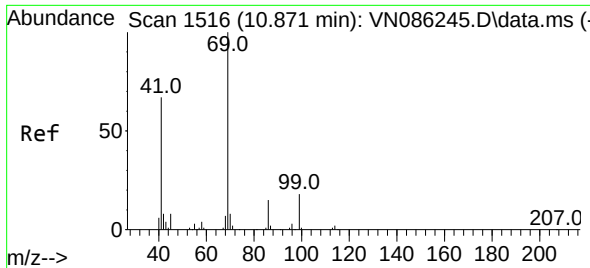
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#50
1,1,2-Trichloroethane
Concen: 19.319 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

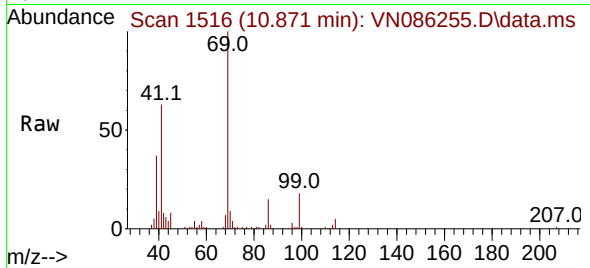
Tgt Ion: 97 Resp: 27268
Ion Ratio Lower Upper
97 100
83 87.0 68.6 103.0
85 54.0 45.9 68.9
99 64.4 48.6 73.0





#51
Ethyl methacrylate
Concen: 18.768 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

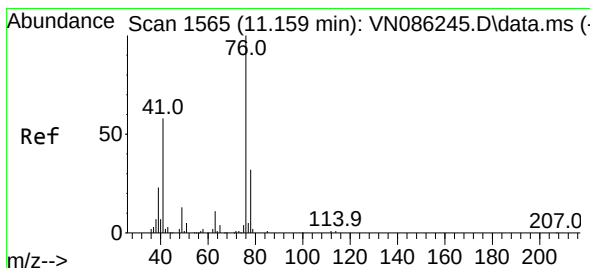
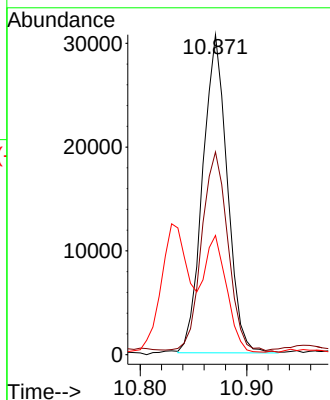
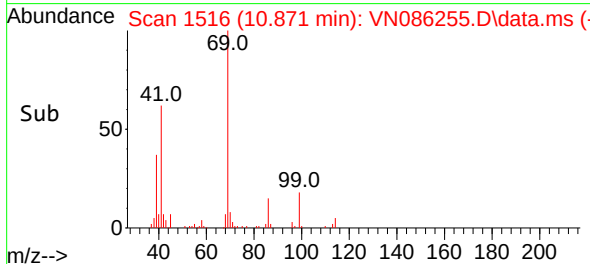
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



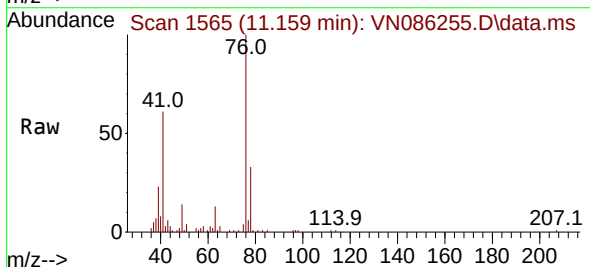
Tgt Ion: 69 Resp: 49228
Ion Ratio Lower Upper
69 100
41 62.0 33.6 100.6
39 36.8 17.8 53.4

Manual Integrations
APPROVED

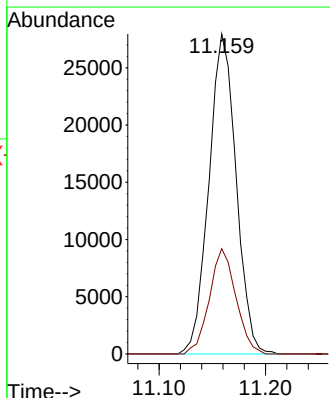
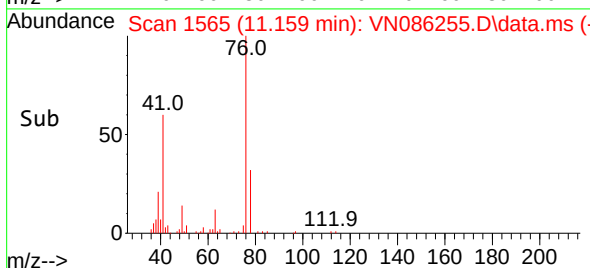
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

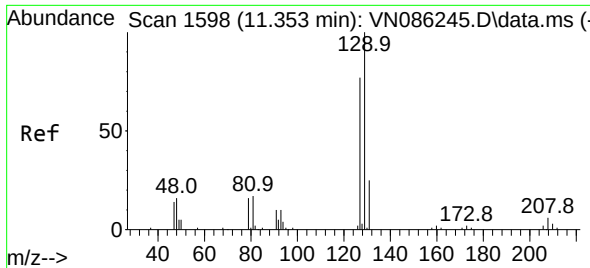


#52
1,3-Dichloropropane
Concen: 19.740 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28



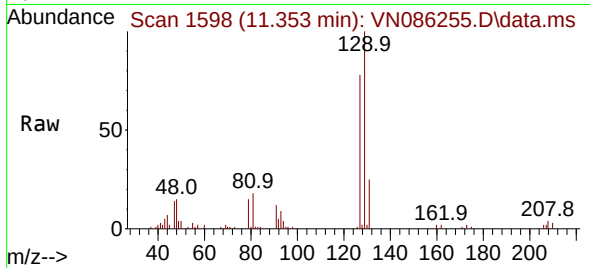
Tgt Ion: 76 Resp: 49662
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.6





#53
Dibromochloromethane
Concen: 19.406 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

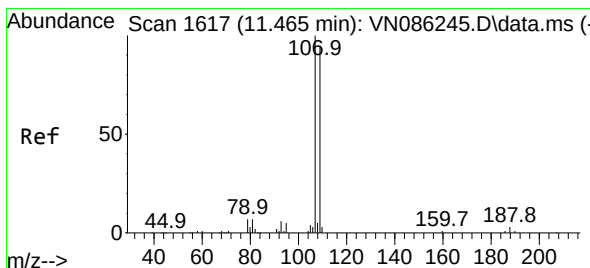
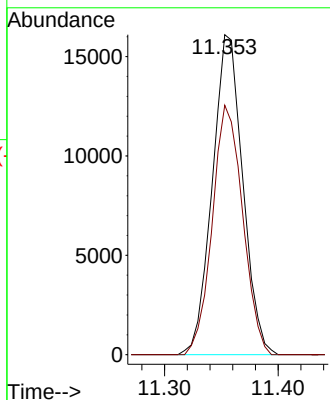
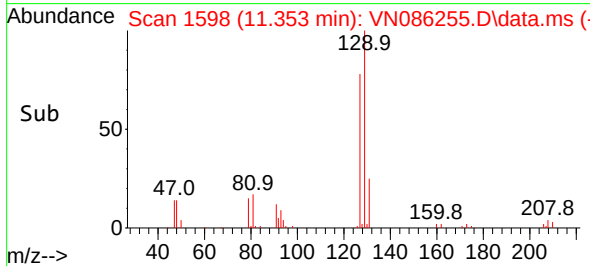
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 29962
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

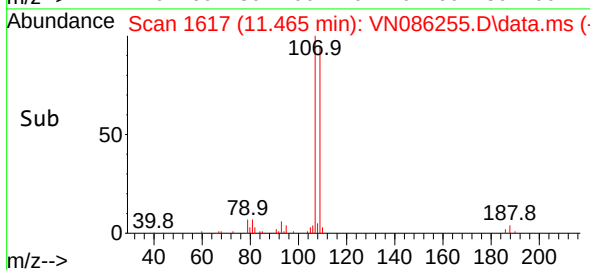
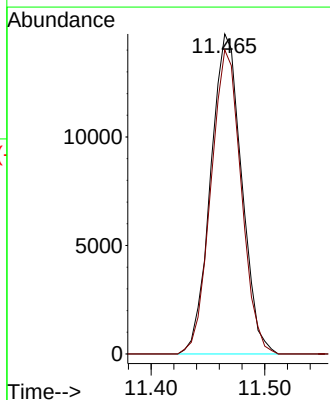
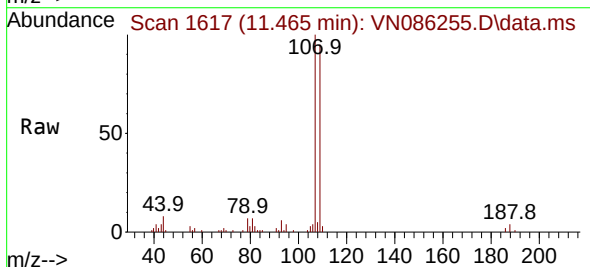
Manual Integrations
APPROVED

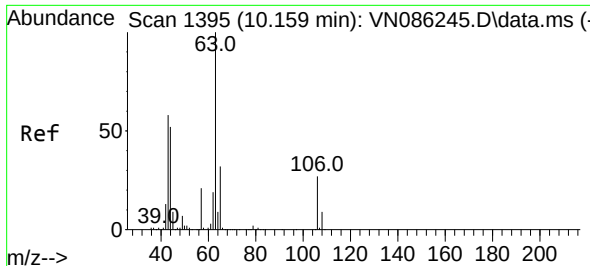
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#54
1,2-Dibromoethane
Concen: 19.603 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Tgt Ion:107 Resp: 27931
Ion Ratio Lower Upper
107 100
109 92.9 75.2 112.8





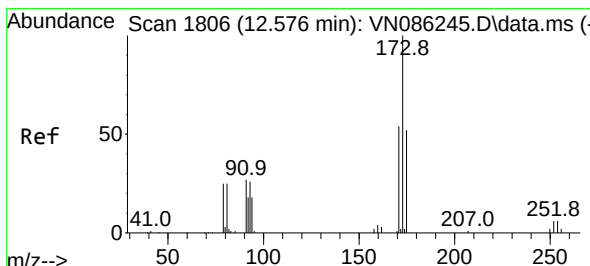
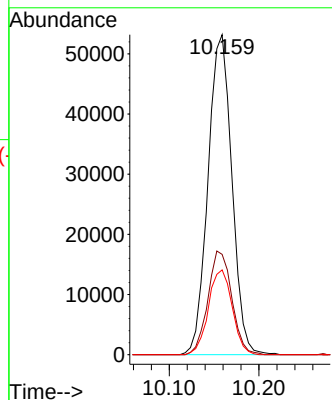
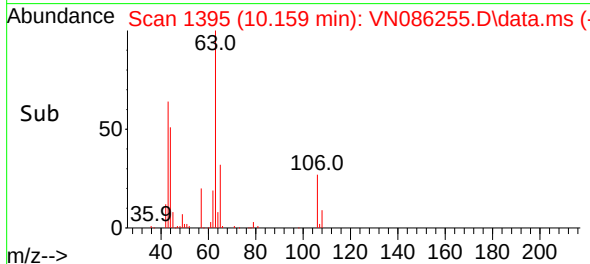
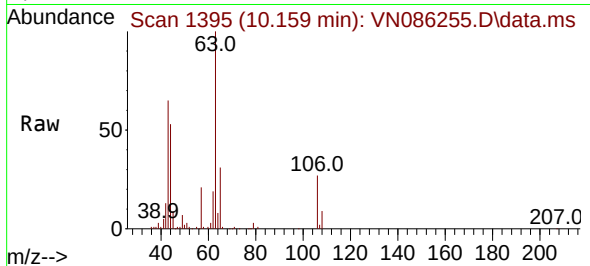
#55
2-Chloroethyl vinyl ether
Concen: 99.189 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 98312
Ion Ratio Lower Upper
63 100
65 32.4 25.8 38.8
106 26.4 21.8 32.8

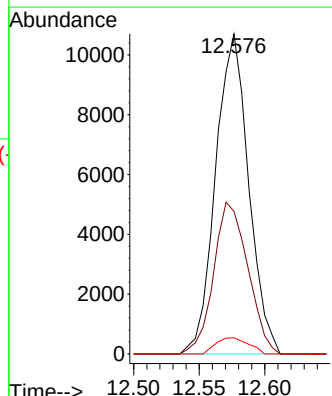
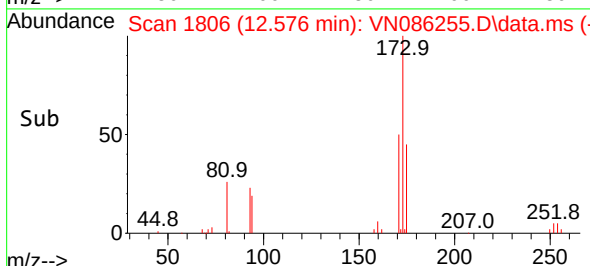
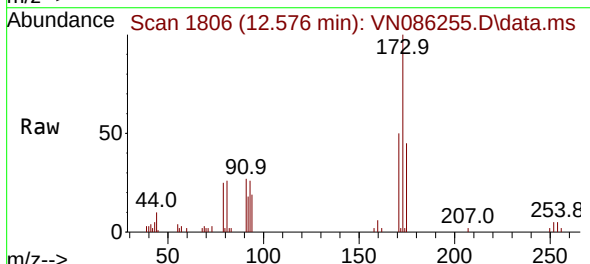
Manual Integrations
APPROVED

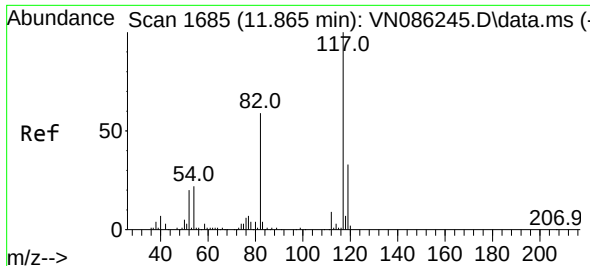
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#56
Bromoform
Concen: 18.566 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

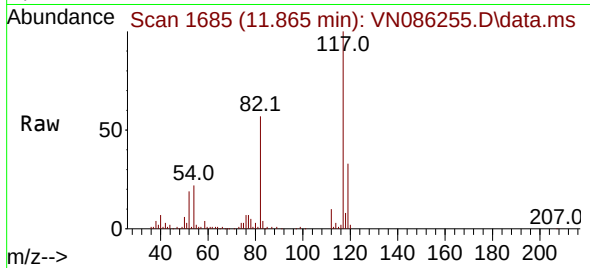
Tgt Ion:173 Resp: 18754
Ion Ratio Lower Upper
173 100
175 49.1 38.2 57.4
254 5.0 4.5 6.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

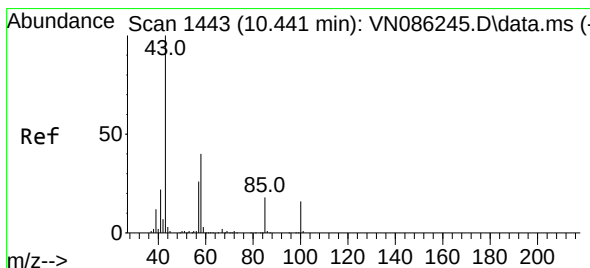
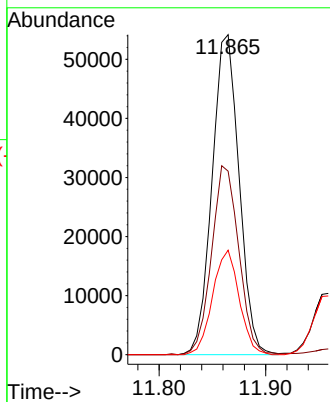
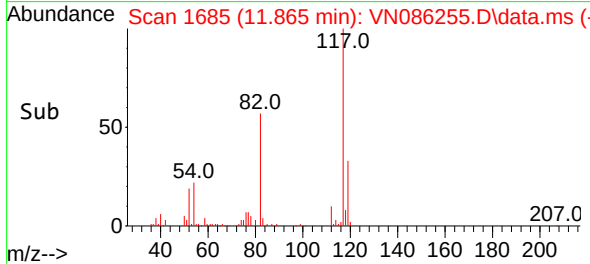
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 95362
Ion Ratio Lower Upper
117 100
82 59.6 47.3 70.9
119 32.2 25.9 38.9

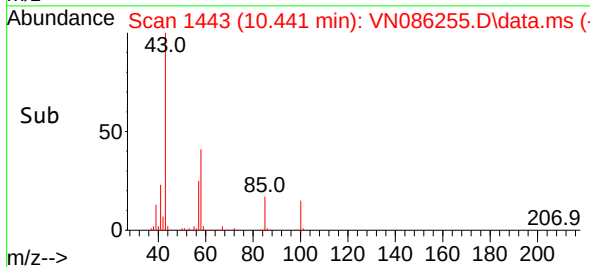
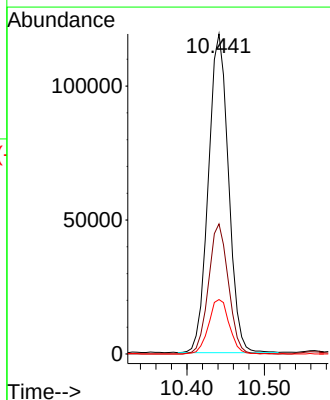
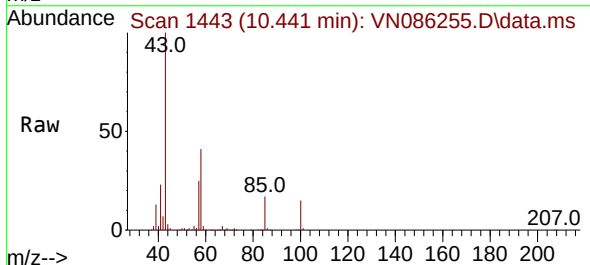
Manual Integrations
APPROVED

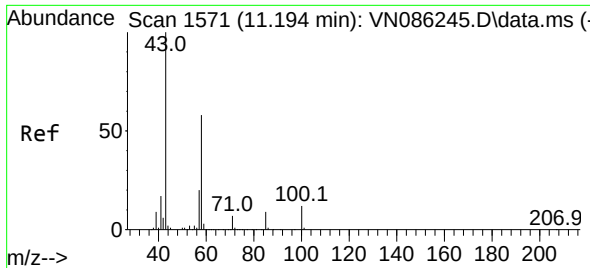
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#58
4-Methyl-2-Pentanone
Concen: 99.184 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

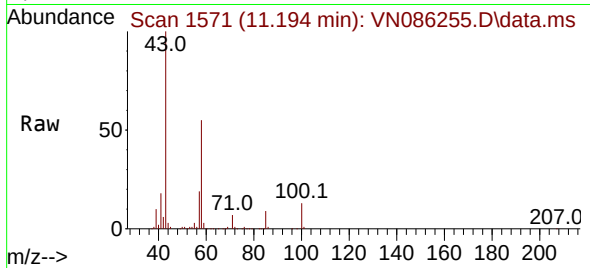
Tgt Ion: 43 Resp: 214641
Ion Ratio Lower Upper
43 100
58 40.3 32.5 48.7
85 17.5 14.4 21.6





#59
2-Hexanone
Concen: 98.104 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

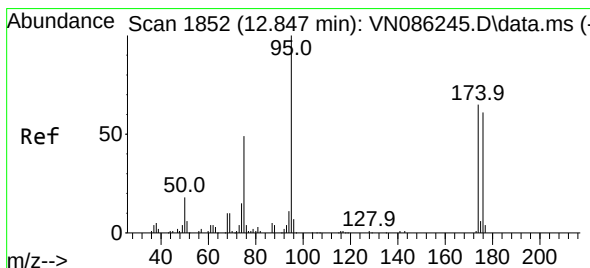
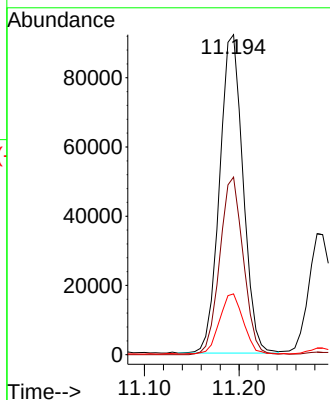
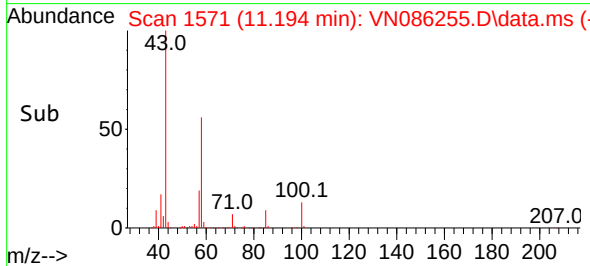
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 15808
Ion Ratio Lower Upper
43 100
58 55.9 45.3 67.9
57 19.1 15.8 23.6

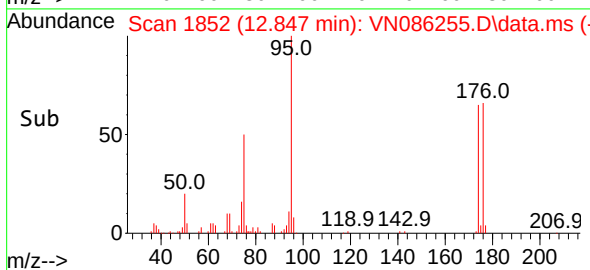
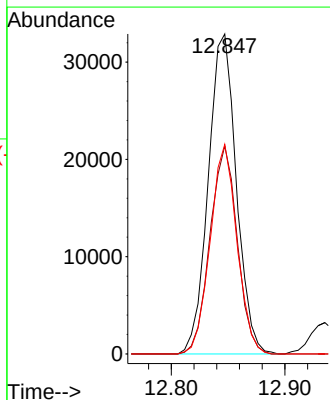
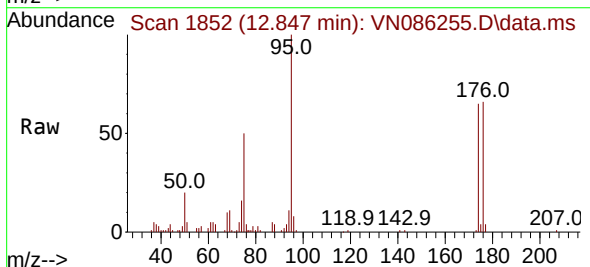
Manual Integrations
APPROVED

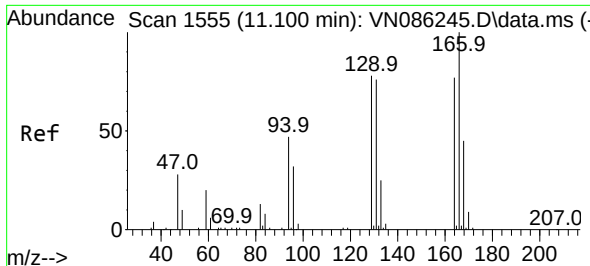
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#60
4-Bromofluorobenzene
Concen: 29.786 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

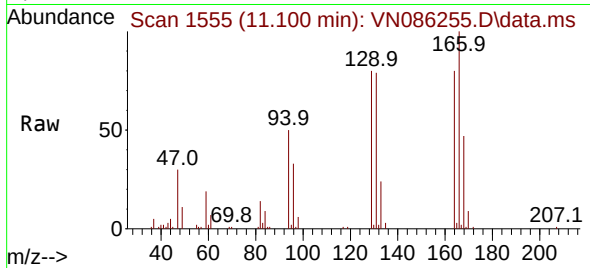
Tgt Ion: 95 Resp: 56553
Ion Ratio Lower Upper
95 100
174 63.1 52.7 79.1
176 62.3 49.8 74.8





#61
Tetrachloroethene
Concen: 19.697 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

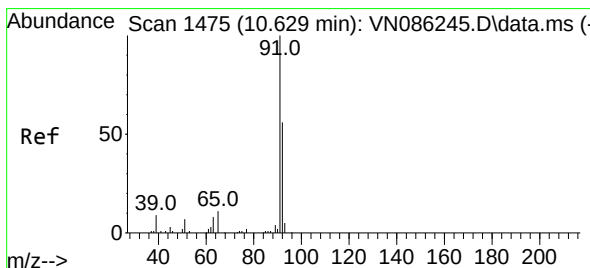
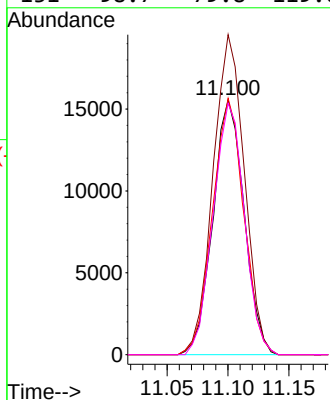
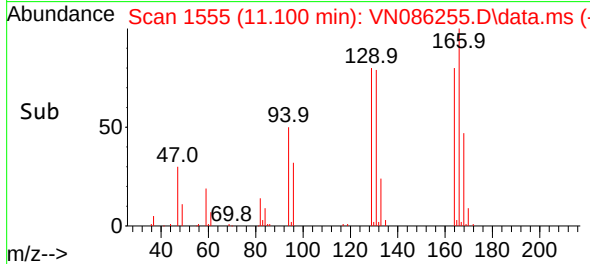
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 27738
Ion Ratio Lower Upper
164 100
166 125.7 104.5 156.7
129 100.7 81.7 122.5
131 98.7 79.8 119.6

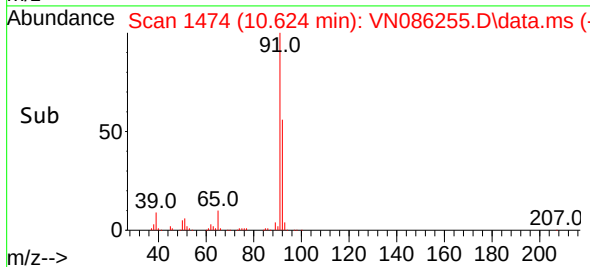
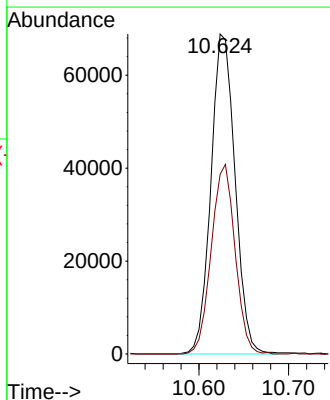
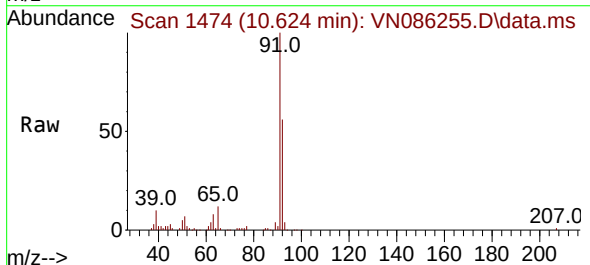
Manual Integrations
APPROVED

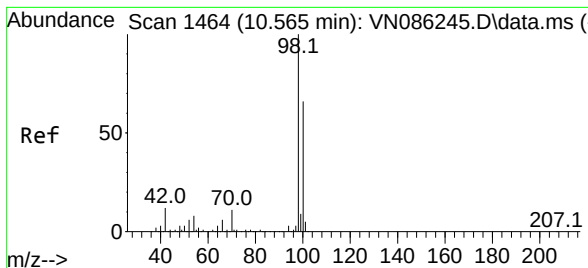
Reviewed By :John Carbone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#62
Toluene
Concen: 20.118 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

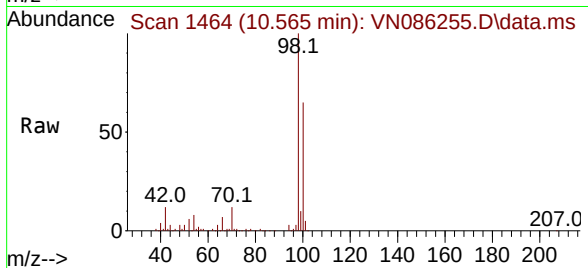
Tgt Ion: 91 Resp: 128682
Ion Ratio Lower Upper
91 100
92 58.2 46.8 70.2





#63
Toluene-d8
Concen: 30.752 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

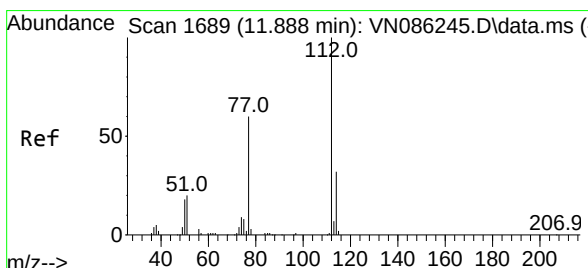
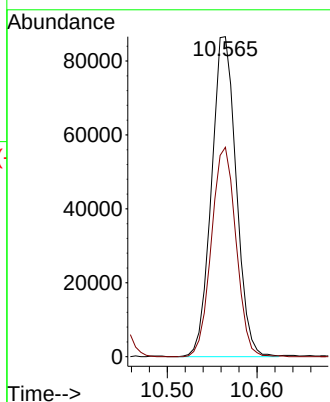
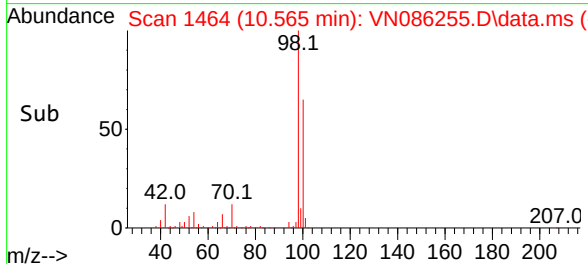
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 98 Resp: 165558
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

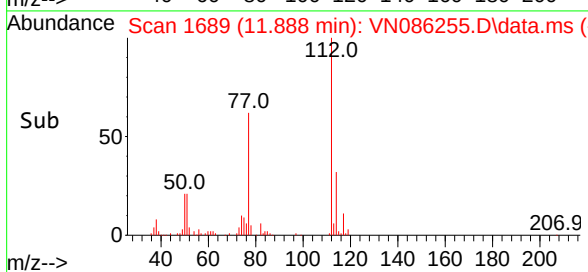
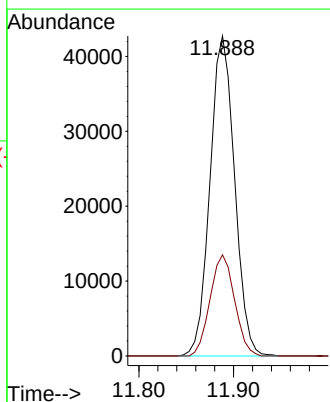
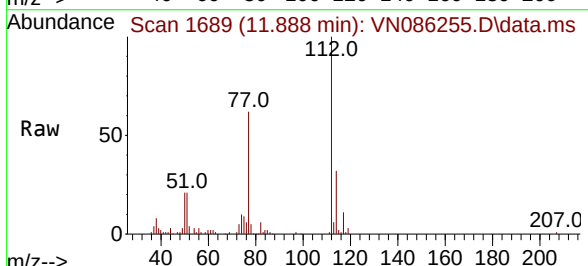
Manual Integrations
APPROVED

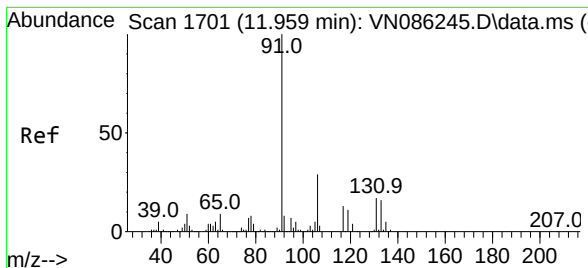
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#64
Chlorobenzene
Concen: 19.736 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Tgt Ion:112 Resp: 77123
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6





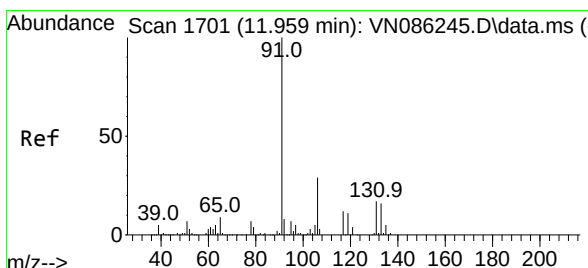
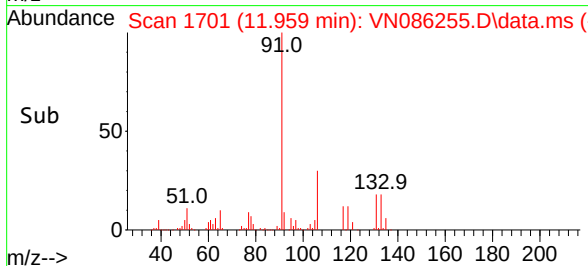
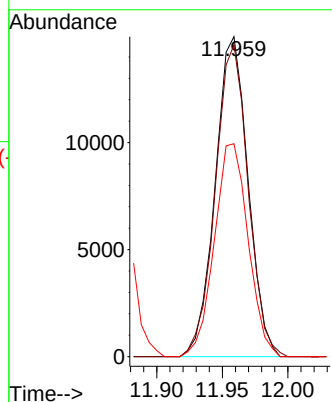
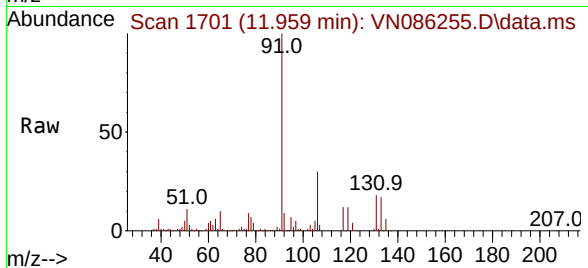
#65
1,1,1,2-Tetrachloroethane
Concen: 20.177 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 2602
Ion Ratio Lower Upper
131 100
133 97.4 0.0 190.4
119 68.5 0.0 135.6

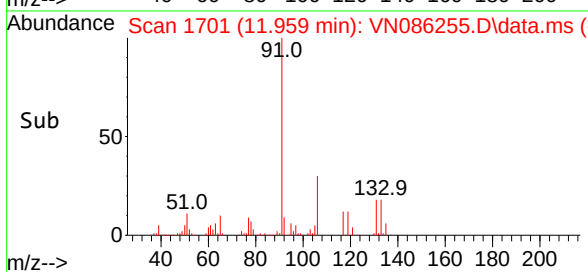
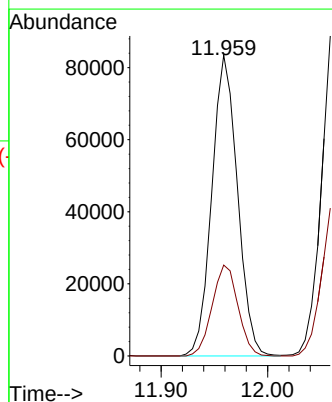
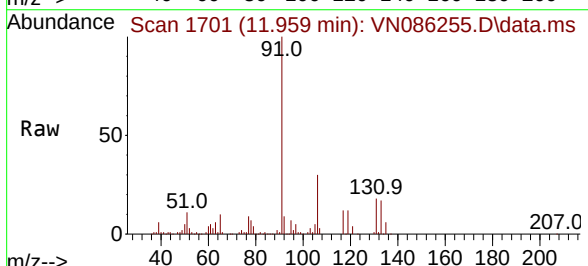
Manual Integrations
APPROVED

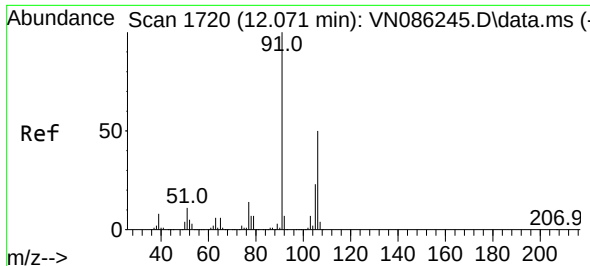
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#66
Ethyl Benzene
Concen: 19.639 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

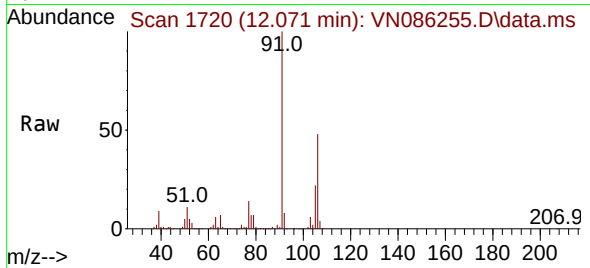
Tgt Ion: 91 Resp: 139309
Ion Ratio Lower Upper
91 100
106 30.2 23.4 35.0





#67
m/p-Xylenes
Concen: 38.563 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

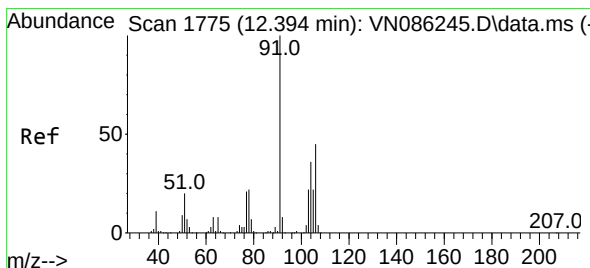
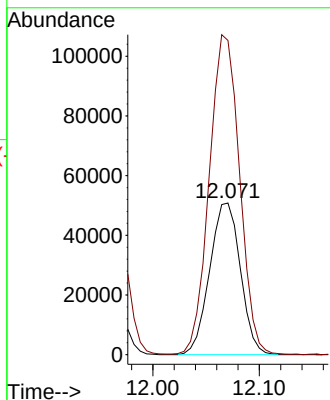
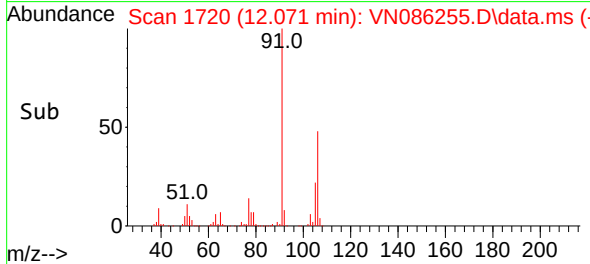
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:106 Resp: 101714
Ion Ratio Lower Upper
106 100
91 208.9 164.5 246.7

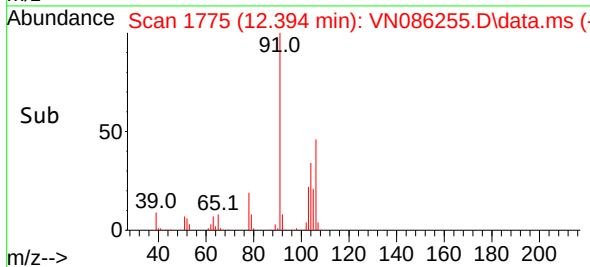
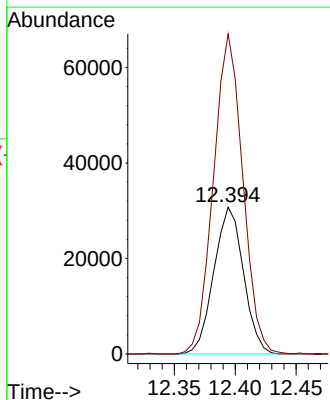
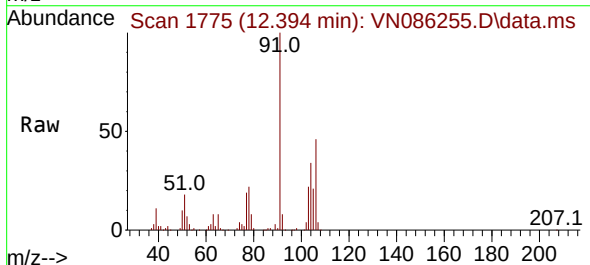
Manual Integrations
APPROVED

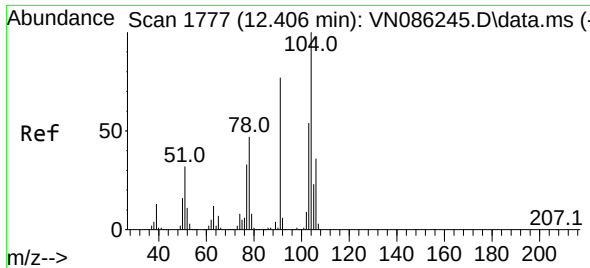
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#68
o-Xylene
Concen: 20.058 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

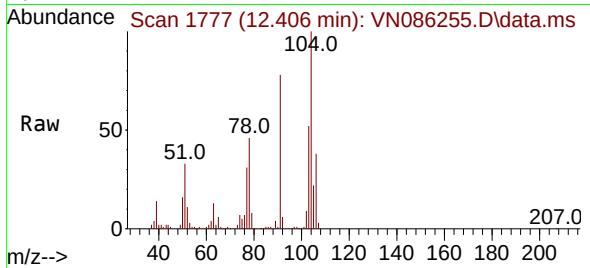
Tgt Ion:106 Resp: 52037
Ion Ratio Lower Upper
106 100
91 215.7 109.8 329.4





#69
Styrene
Concen: 19.187 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

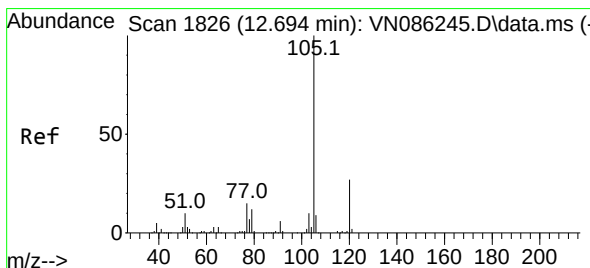
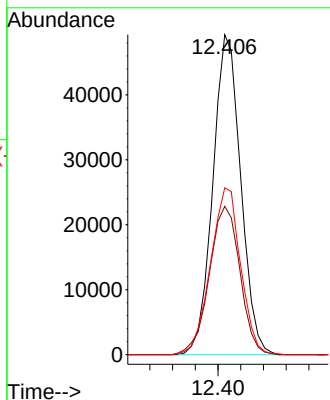
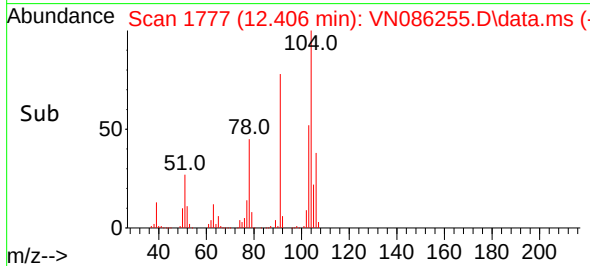
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:104 Resp: 83949
Ion Ratio Lower Upper
104 100
78 50.8 41.4 62.0
103 56.2 44.2 66.4

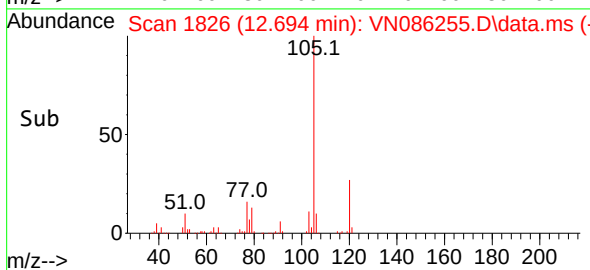
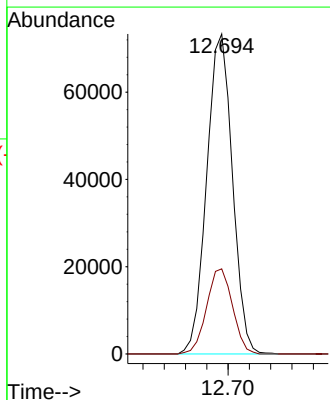
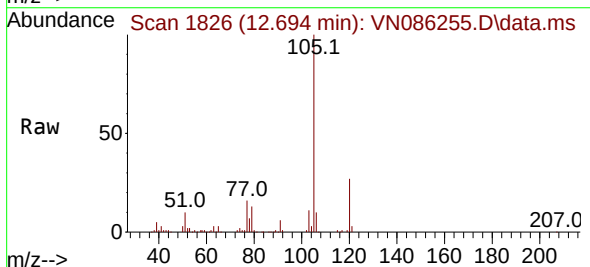
Manual Integrations
APPROVED

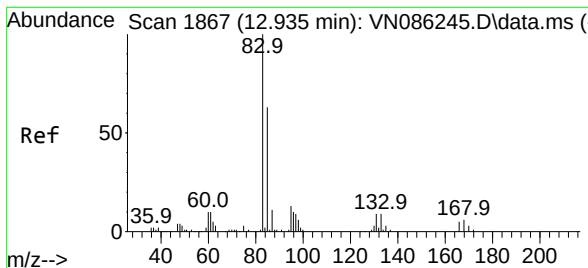
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#70
Isopropylbenzene
Concen: 19.260 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Tgt Ion:105 Resp: 123201
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1





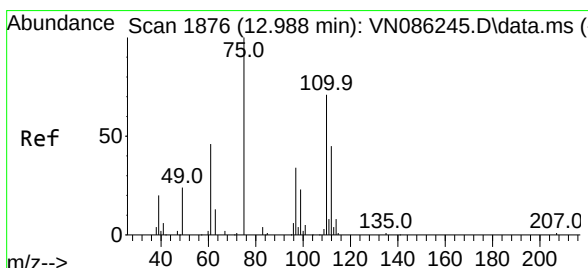
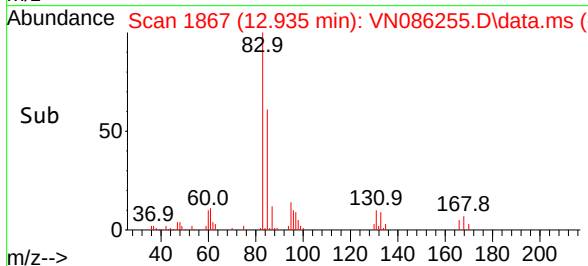
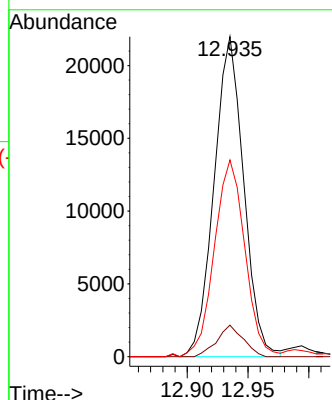
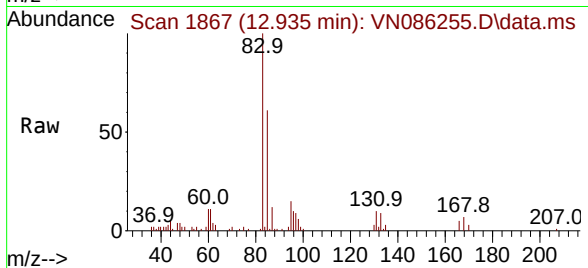
#71
1,1,2,2-Tetrachloroethane
Concen: 20.449 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 3723
Ion Ratio Lower Upper
83 100
131 8.7 4.8 14.3
85 63.2 32.3 96.8

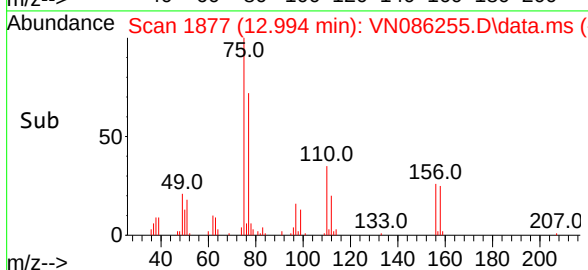
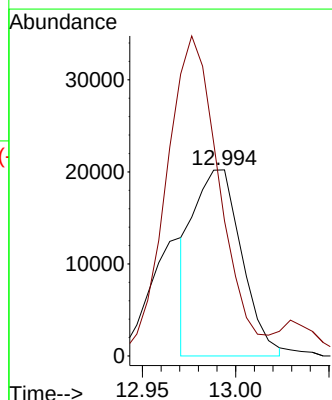
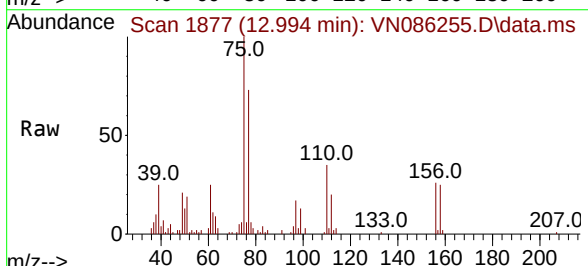
Manual Integrations
APPROVED

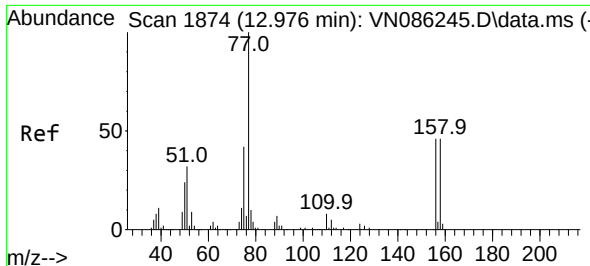
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#72
1,2,3-Trichloropropane
Concen: 19.193 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Tgt Ion: 75 Resp: 36376
Ion Ratio Lower Upper
75 100
77 191.2 0.0 380.0





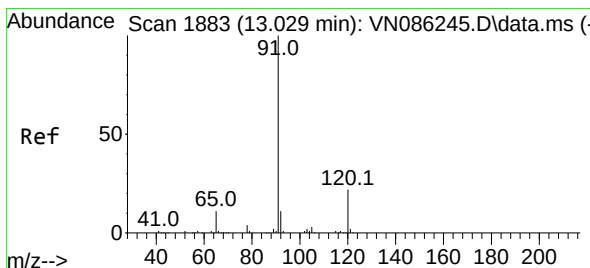
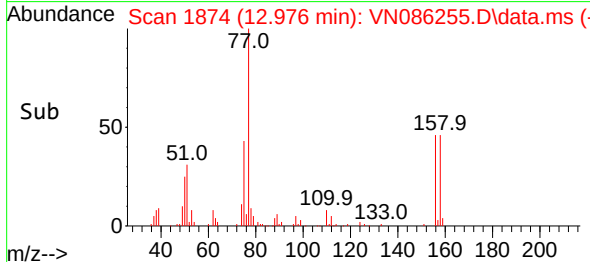
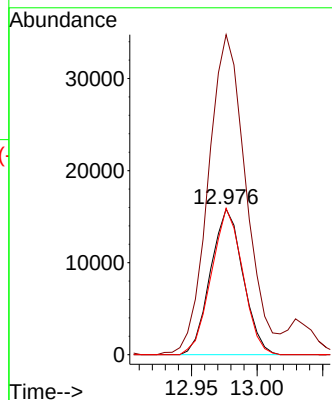
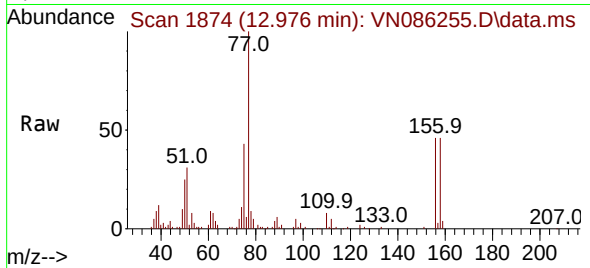
#73
Bromobenzene
Concen: 19.245 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:156 Resp: 2727
Ion Ratio Lower Upper
156 100
77 255.1 0.0 505.2
158 97.0 0.0 195.0

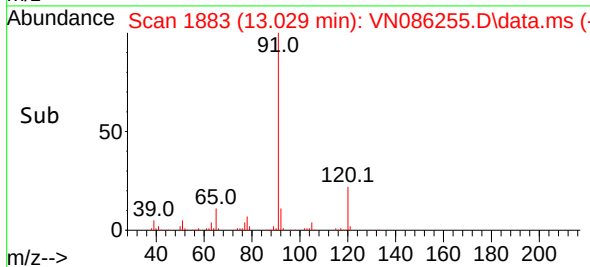
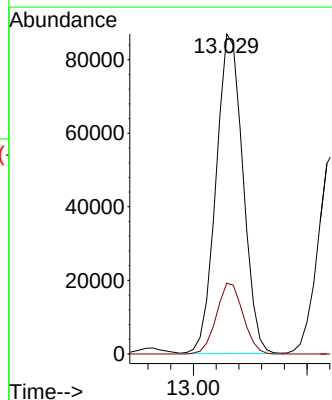
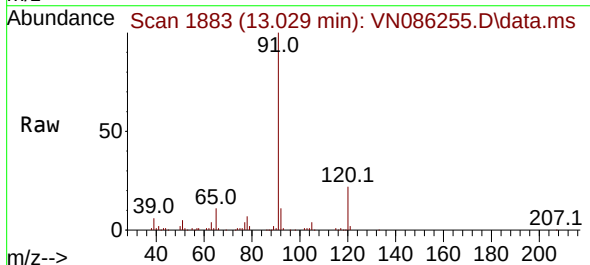
Manual Integrations
APPROVED

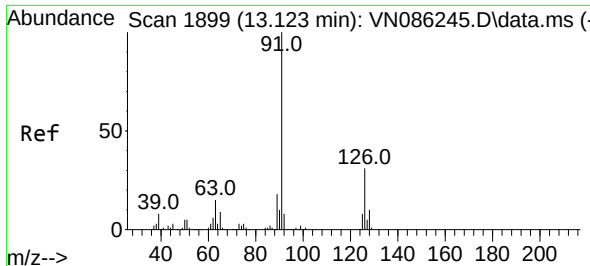
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#74
n-propylbenzene
Concen: 18.944 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Tgt Ion: 91 Resp: 143093
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.0





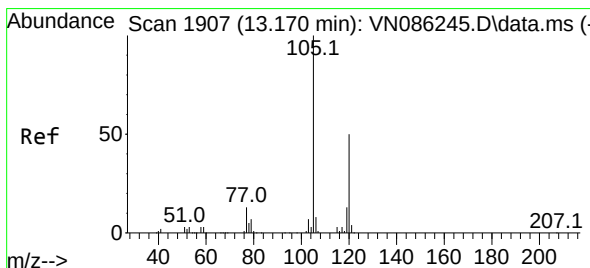
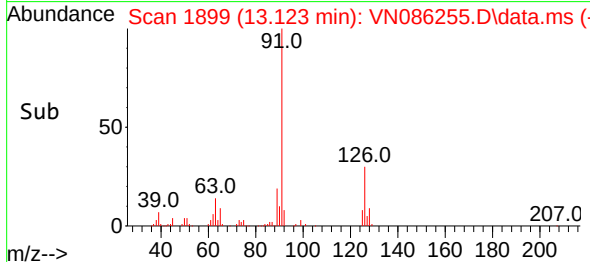
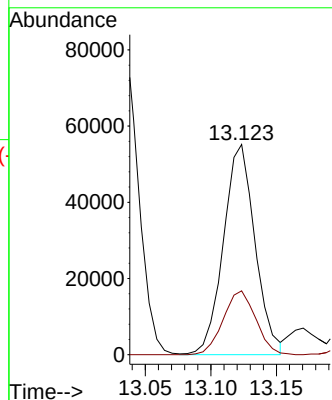
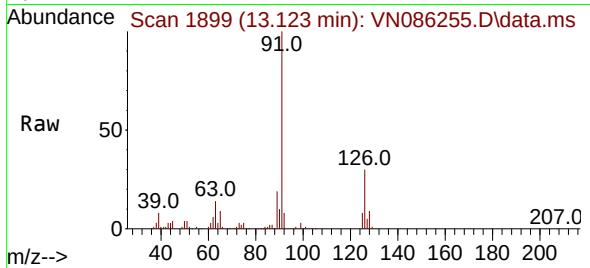
#75
2-Chlorotoluene
Concen: 19.514 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 9264
Ion Ratio Lower Upper
91 100
126 31.3 0.0 63.4

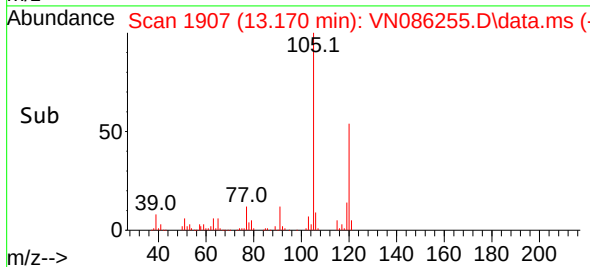
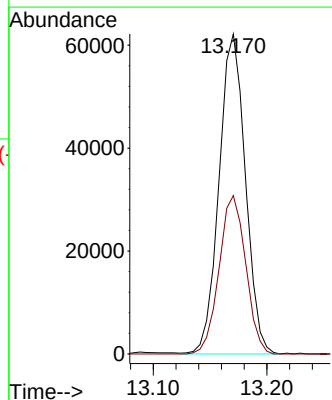
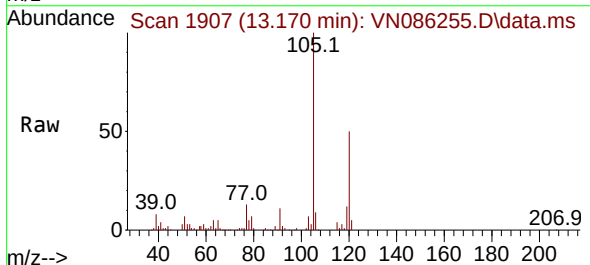
Manual Integrations
APPROVED

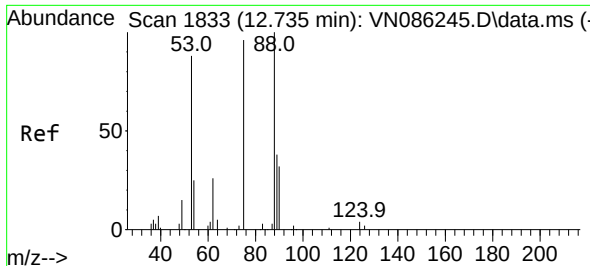
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.025 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

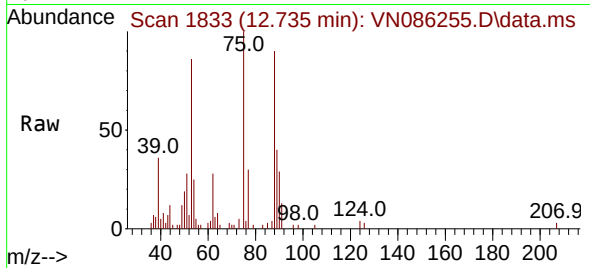
Tgt Ion:105 Resp: 99973
Ion Ratio Lower Upper
105 100
120 50.0 0.0 98.0





#77
t-1,4-Dichloro-2-butene
Concen: 18.869 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

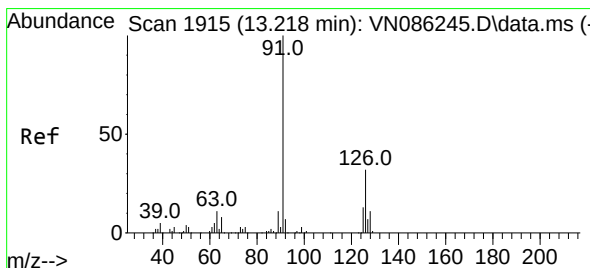
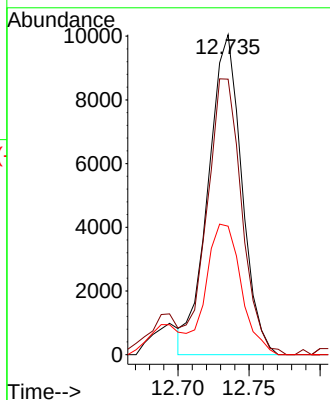
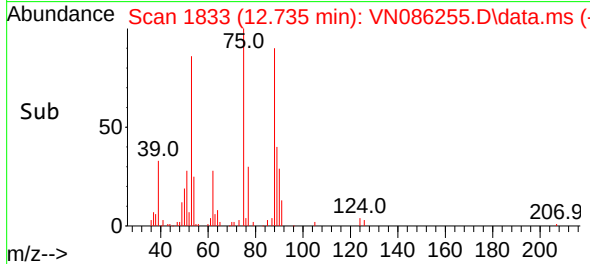
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 16490
Ion Ratio Lower Upper
75 100
53 84.4 46.4 139.2
89 40.2 22.5 67.5

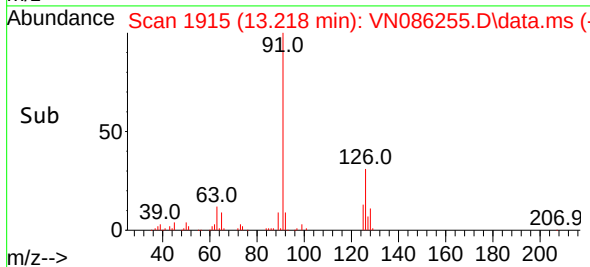
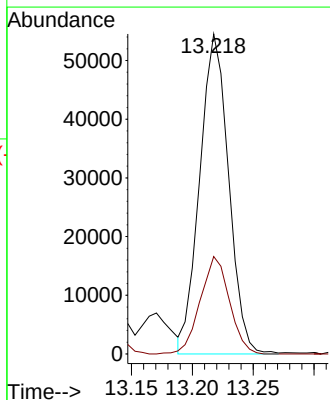
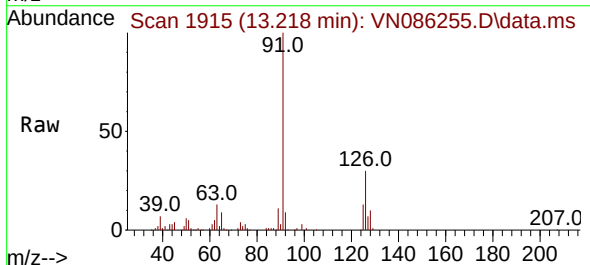
Manual Integrations
APPROVED

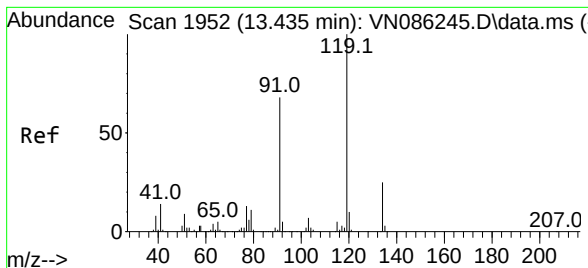
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#78
4-Chlorotoluene
Concen: 18.983 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Tgt Ion: 91 Resp: 90011
Ion Ratio Lower Upper
91 100
126 30.7 0.0 63.2





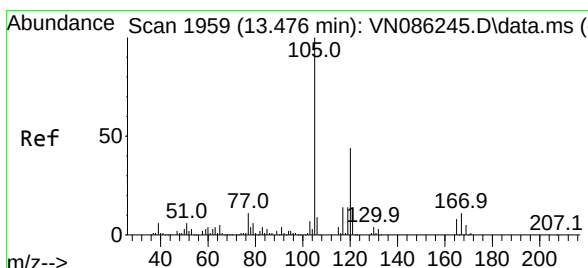
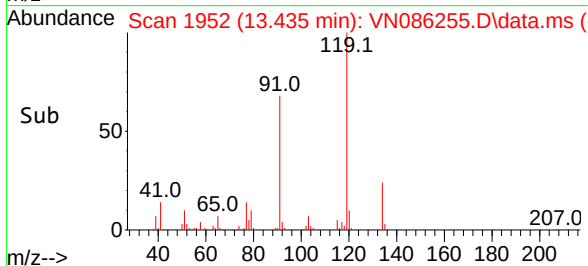
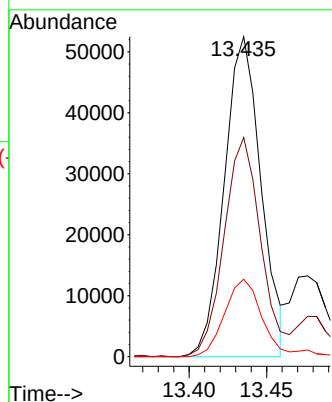
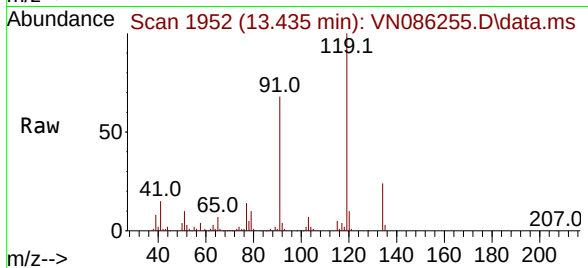
#79
tert-butylbenzene
Concen: 19.039 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.8	0.0	136.6
134	24.1	0.0	49.4

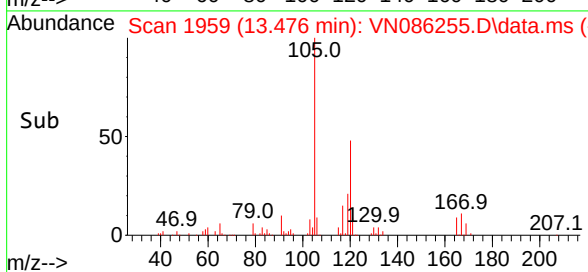
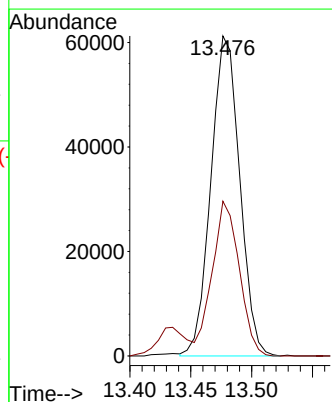
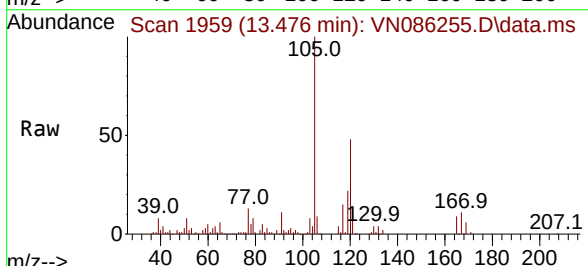
Manual Integrations
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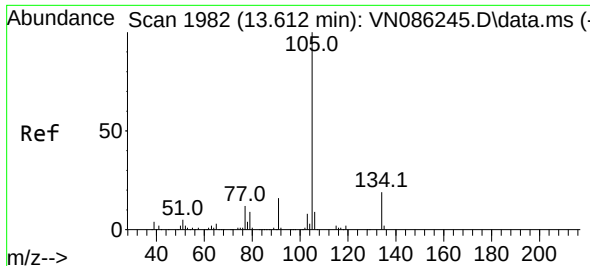
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.911 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	0.0	91.0





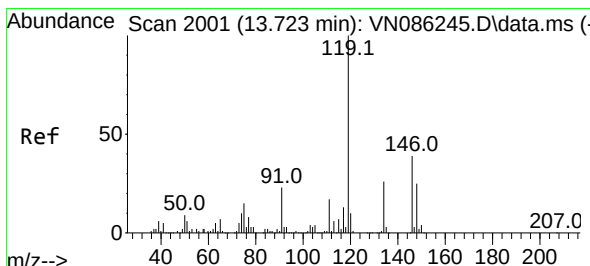
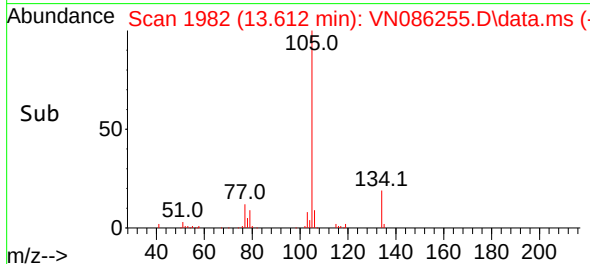
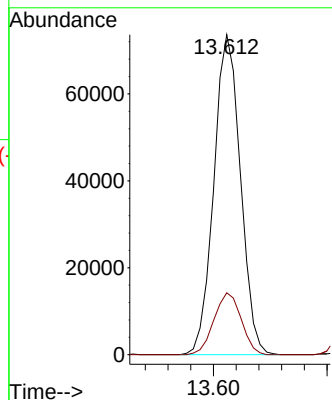
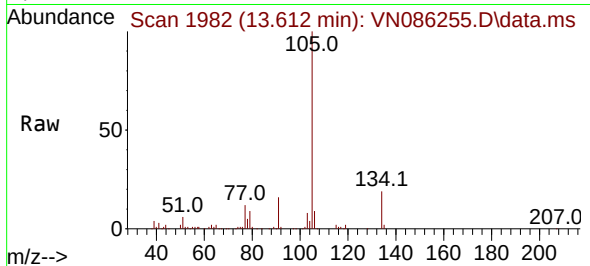
#81
 sec-Butylbenzene
 Concen: 18.880 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086255.D
 Acq: 11 Apr 2025 17:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:105 Resp: 119744
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 38.6

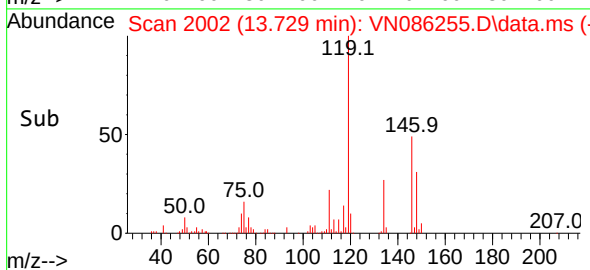
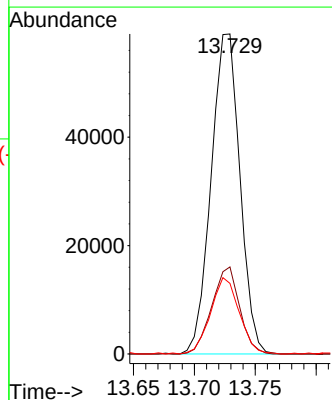
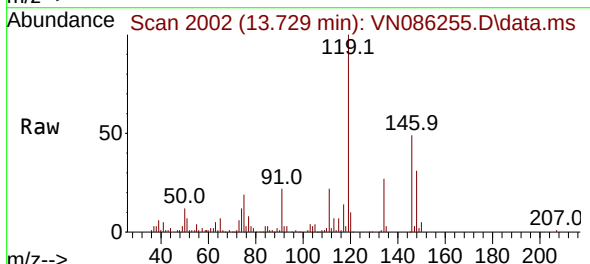
Manual Integrations
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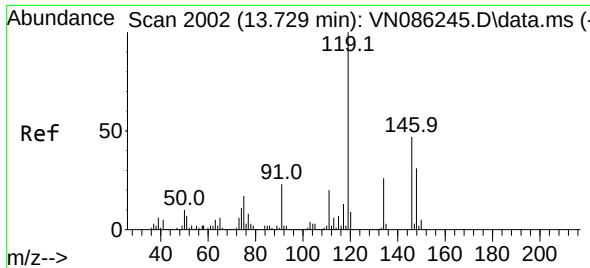
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#82
 p-Isopropyltoluene
 Concen: 18.394 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086255.D
 Acq: 11 Apr 2025 17:28

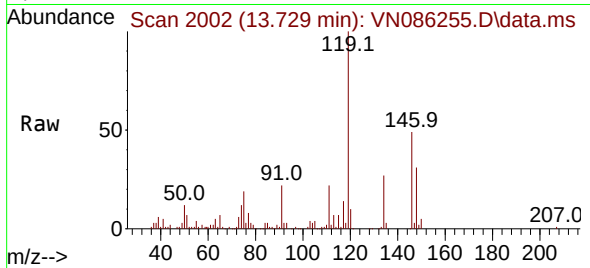
Tgt Ion:119 Resp: 97324
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 51.6
 91 23.8 0.0 48.2





#83
 1,3-Dichlorobenzene
 Concen: 18.499 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086255.D
 Acq: 11 Apr 2025 17:28

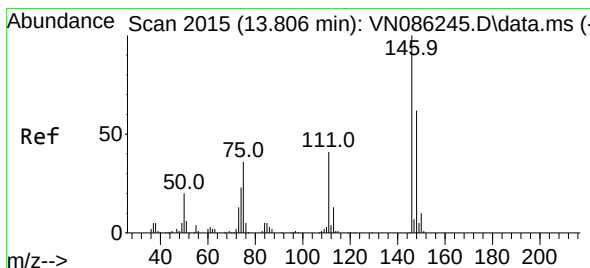
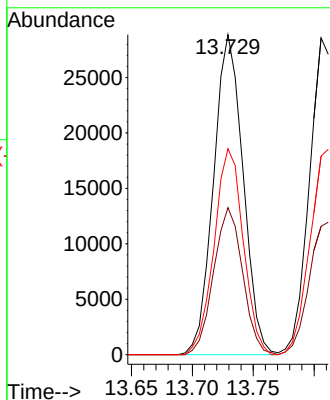
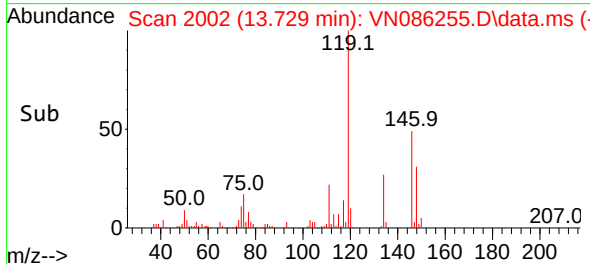
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:146 Resp: 48729
 Ion Ratio Lower Upper
 146 100
 111 45.1 21.7 65.1
 148 63.5 32.3 96.8

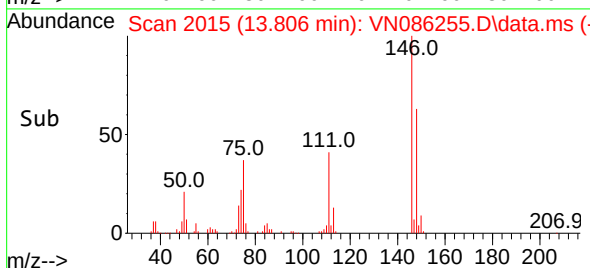
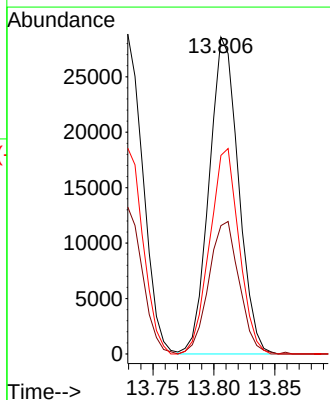
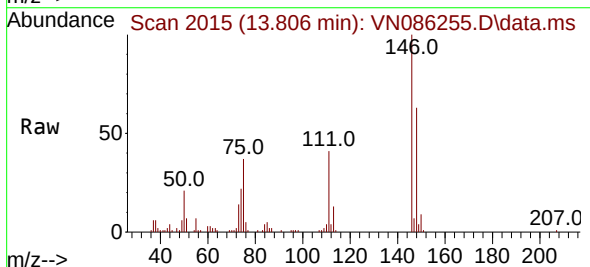
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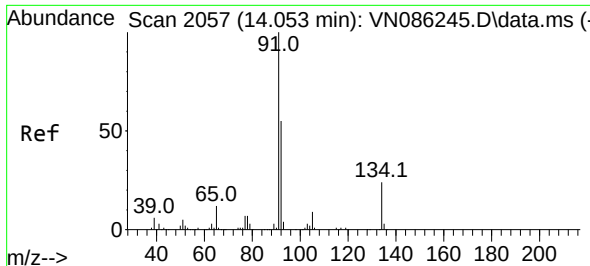
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#84
 1,4-Dichlorobenzene
 Concen: 18.098 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: VN086255.D
 Acq: 11 Apr 2025 17:28

Tgt Ion:146 Resp: 47819
 Ion Ratio Lower Upper
 146 100
 111 43.4 20.8 62.4
 148 64.8 31.9 95.5





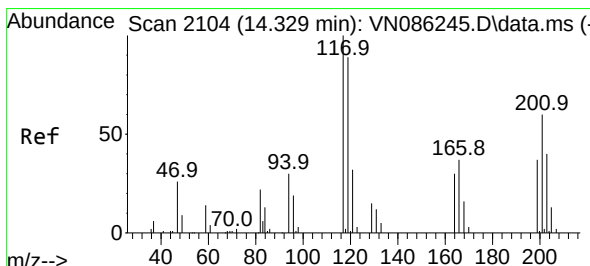
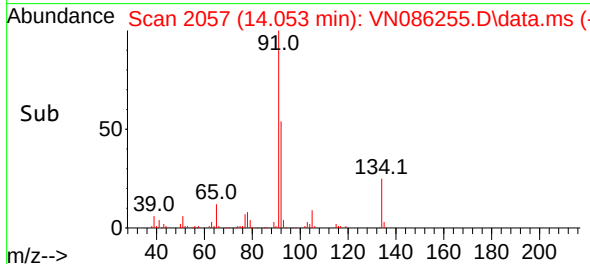
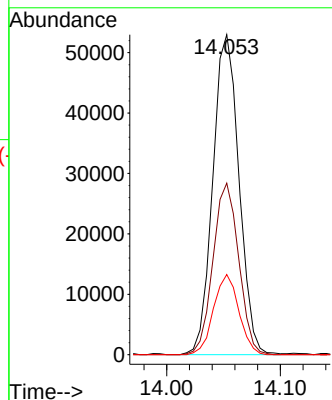
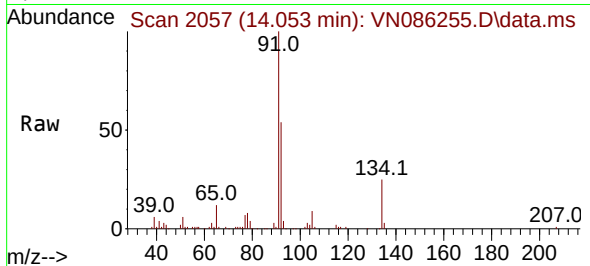
#85
n-Butylbenzene
Concen: 17.764 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 8479
Ion Ratio Lower Upper
91 100
92 52.7 0.0 109.4
134 24.3 0.0 48.2

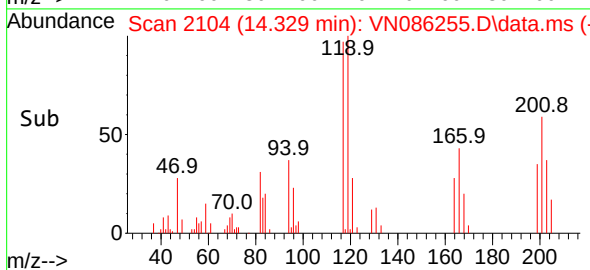
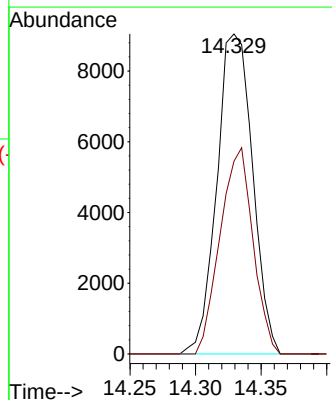
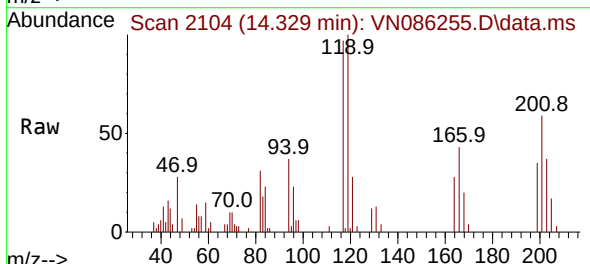
Manual Integrations
APPROVED

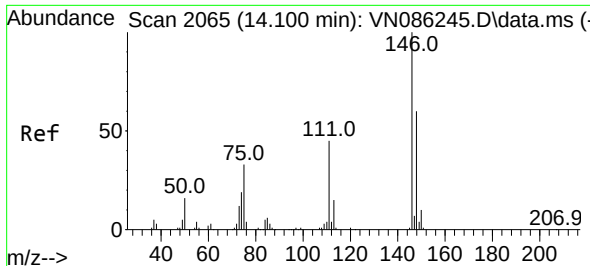
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#86
Hexachloroethane
Concen: 19.231 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

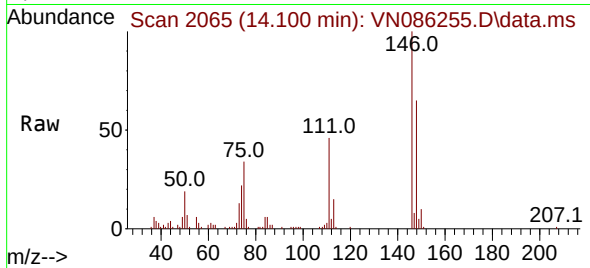
Tgt Ion:117 Resp: 17164
Ion Ratio Lower Upper
117 100
201 59.2 30.9 92.8





#87
1,2-Dichlorobenzene
Concen: 18.791 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

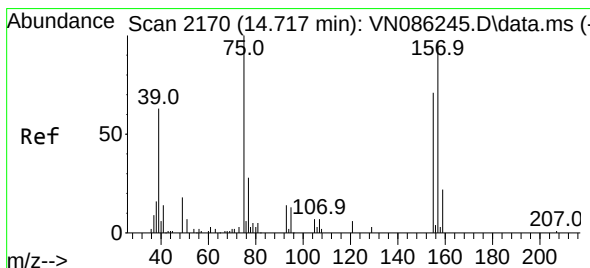
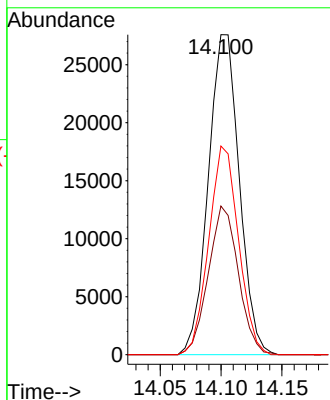
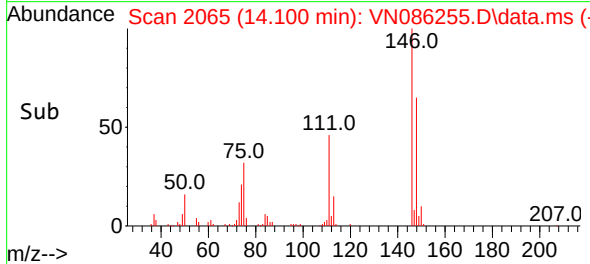
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



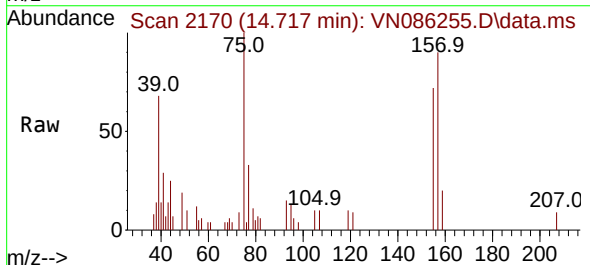
Tgt Ion:146 Resp: 4886
Ion Ratio Lower Upper
146 100
111 45.1 22.7 68.0
148 62.7 31.8 95.3

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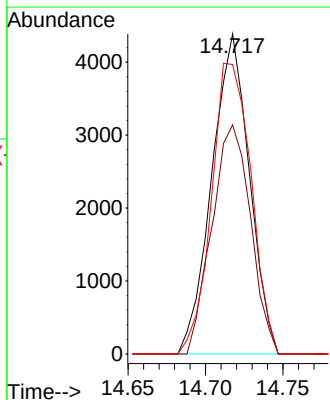
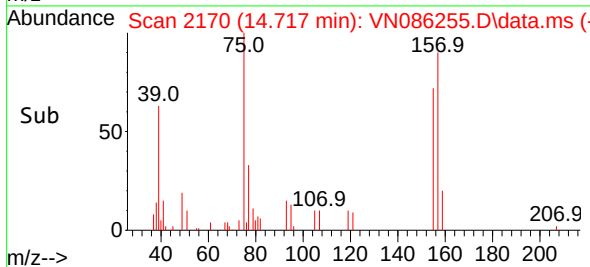
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

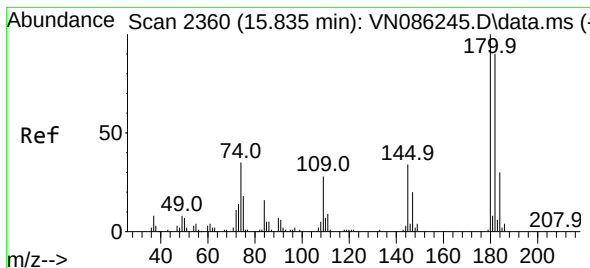


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.808 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28



Tgt Ion: 75 Resp: 7385
Ion Ratio Lower Upper
75 100
155 73.8 60.3 90.5
157 95.7 79.0 118.4





#89

1,2,4-Trichlorobenzene

Concen: 16.646 ug/l

RT: 15.835 min Scan# 2106

Delta R.T. 0.000 min

Lab File: VN086255.D

Acq: 11 Apr 2025 17:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

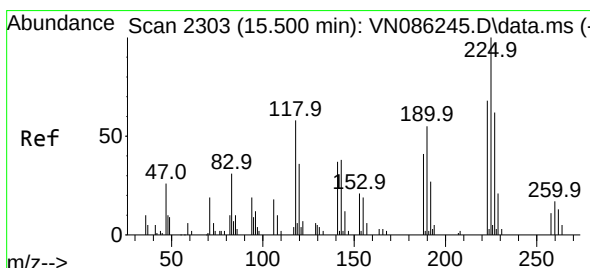
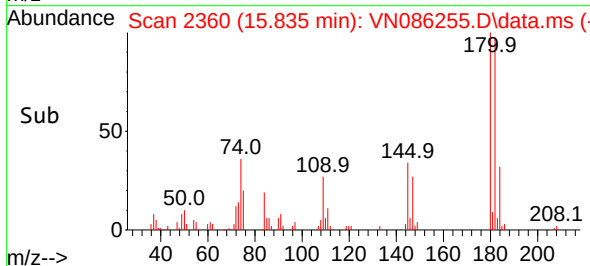
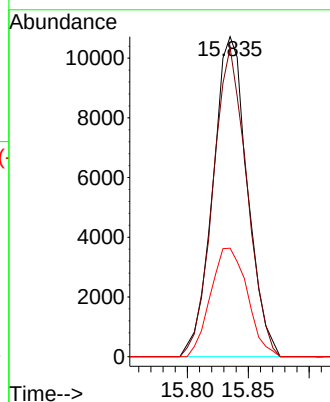
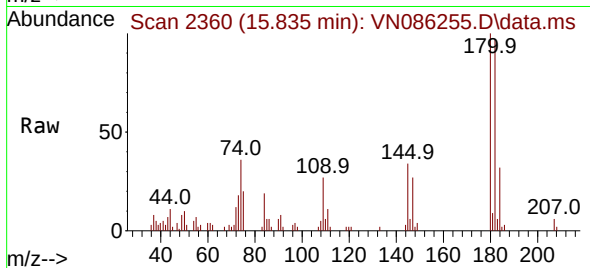
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.1	112.7
145	36.2	27.1	40.7

Manual Integrations

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Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#90

Hexachlorobutadiene

Concen: 14.656 ug/l

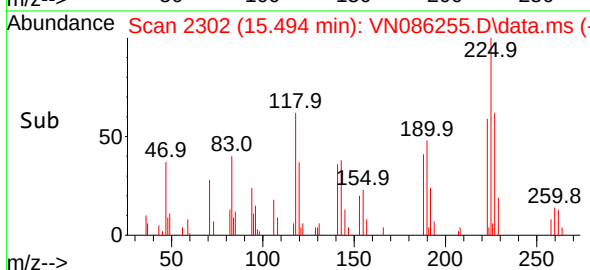
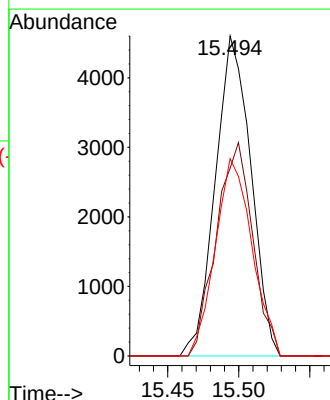
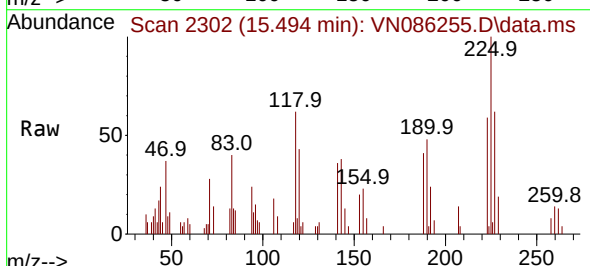
RT: 15.494 min Scan# 2302

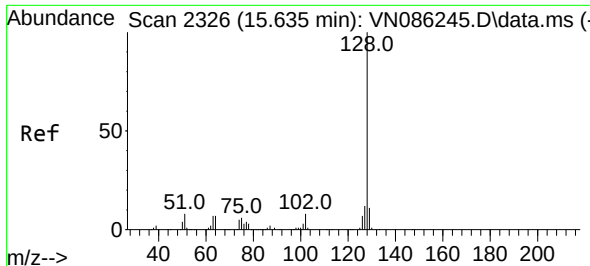
Delta R.T. -0.006 min

Lab File: VN086255.D

Acq: 11 Apr 2025 17:28

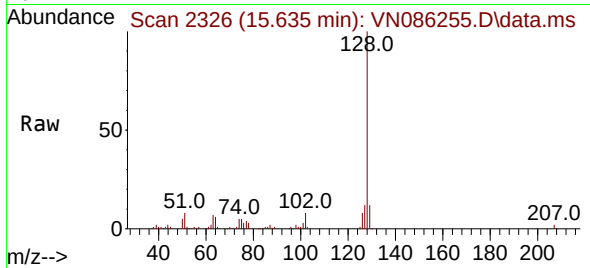
Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.3	0.0	130.0
227	63.9	0.0	123.2





#91
Naphthalene
Concen: 16.677 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28

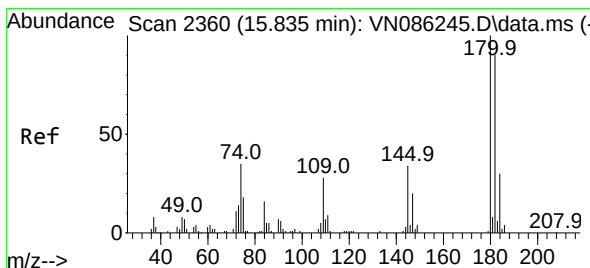
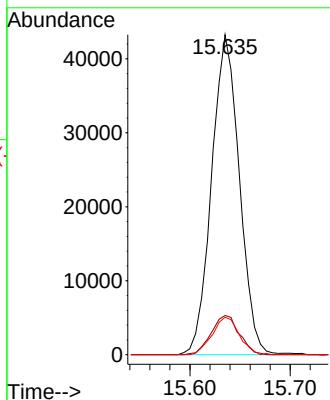
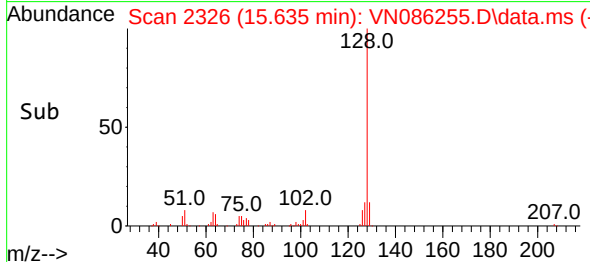
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



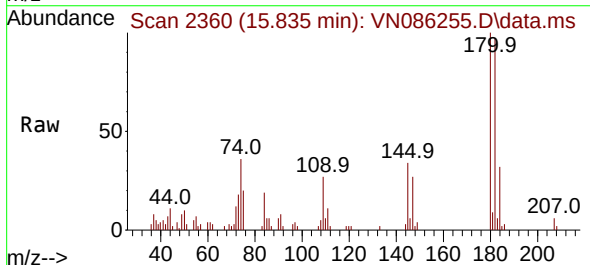
Tgt Ion:128 Resp: 8320
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 11.3 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#92
1,2,3-Trichlorobenzene
Concen: 16.646 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086255.D
Acq: 11 Apr 2025 17:28



Tgt Ion:180 Resp: 21063
Ion Ratio Lower Upper
180 100
182 95.2 0.0 187.8
145 36.2 0.0 67.8

