

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040425\
 Data File : VN086225.D
 Acq On : 04 Apr 2025 11:38
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 04 23:43:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 04 23:41:25 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/07/2025
 Supervised By : Mahesh Dadoda 04/07/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	10442	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	54449	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	52507	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	29707	28.347	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.500%		
60) 4-Bromofluorobenzene	12.847	95	30858	31.542	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	105.133%		
63) Toluene-d8	10.559	98	86742	29.613	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	105390	148.939	ug/l	100
3) Chloromethane	2.359	50	111267	144.761	ug/l	96
4) Vinyl Chloride	2.518	62	104688	146.245	ug/l	99
5) Bromomethane	2.965	94	48610	130.938	ug/l	98
6) Chloroethane	3.124	64	57830	135.374	ug/l	94
7) Trichlorofluoromethane	3.506	101	128837	134.456	ug/l	93
8) Diethyl Ether	3.959	74	43332	135.681	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	69822	131.008	ug/l	99
10) 1,1-Dichloroethene	4.341	96	68830	132.314	ug/l	95
11) Methyl Iodide	4.589	142	88075	131.996	ug/l	95
12) Methyl Acetate	5.024	43	73728	107.261	ug/l	96
13) Acrolein	4.177	56	35679	475.204	ug/l	99
14) Acrylonitrile	5.712	53	175753	655.917	ug/l	99
15) Acetone	4.430	58	46803	559.906	ug/l	99
16) Carbon Disulfide	4.712	76	209666	125.818	ug/l #	94
17) Allyl chloride	5.024	41	94828	131.053	ug/l	90
18) Methylene Chloride	5.277	84	78639	126.079	ug/l	98
19) trans-1,2-Dichloroethene	5.788	96	74266	132.196	ug/l	98
20) Diisopropyl ether	6.671	45	205619	135.365	ug/l	98
21) 1,1-Dichloroethane	6.565	63	136154	131.509	ug/l	97
22) cis-1,2-Dichloroethene	7.488	96	85245	127.937	ug/l	95
23) tert-Butyl Alcohol	5.512	59	61930	632.944	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	236516	139.189	ug/l	98
25) Chloroform	7.965	83	143220	131.825	ug/l	100
26) Cyclohexane	8.253	56	111309	133.565	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	97041	142.025	ug/l	97
30) 2-Butanone	7.477	43	208699	694.805	ug/l	98
31) 2,2-Dichloropropane	7.488	77	122171	145.119	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	131220	142.017	ug/l	99
33) Carbon Tetrachloride	8.359	117	114046	144.722	ug/l	100
34) Benzene	8.606	78	316466	139.493	ug/l	100
35) Methacrylonitrile	7.777	41	48639	145.031	ug/l	91
36) 1,2-Dichloroethane	8.665	62	104099	138.156	ug/l	99
37) Trichloroethene	9.347	130	77570	142.767	ug/l	94
38) Methylcyclohexane	9.600	83	108554	151.418	ug/l	98
39) 1,2-Dichloropropane	9.618	63	74983	142.637	ug/l	99
40) Dibromomethane	9.706	93	52448	135.204	ug/l	95
41) Bromodichloromethane	9.882	83	109871	141.014	ug/l	100
42) Vinyl Acetate	6.600	43	764445	714.164	ug/l	100

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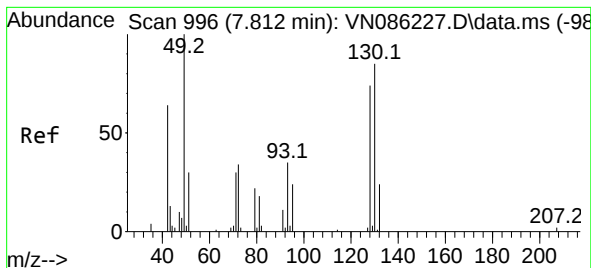
Manual Integrations
 APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	85792	138.915	ug/l #	84
44) Isopropyl Acetate	8.682	43	144360	129.498	ug/l	100
45) 1,4-Dioxane	9.694	88	29644	2900.835	ug/l	94
46) Methyl methacrylate	9.676	41	66090	144.747	ug/l	96
47) n-amyl Acetate	12.488	43	119114	156.386	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	116166	144.683	ug/l	96
49) cis-1,3-Dichloropropene	10.306	75	121875	140.491	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	73025	143.988	ug/l	97
51) Ethyl methacrylate	10.870	69	109556	152.162	ug/l	99
52) 1,3-Dichloropropane	11.159	76	125797	142.371	ug/l	100
53) Dibromochloromethane	11.359	129	85524	144.835	ug/l	100
54) 1,2-Dibromoethane	11.465	107	72398	139.132	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	49033	148.519	ug/l	99
56) Bromoform	12.576	173	58444	146.300	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	438629	707.837	ug/l	100
59) 2-Hexanone	11.194	43	322993	726.160	ug/l	99
61) Tetrachloroethene	11.100	164	85495	139.514	ug/l	96
62) Toluene	10.623	91	330586	137.919	ug/l	99
64) Chlorobenzene	11.888	112	203427	136.021	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	74197	134.819	ug/l	99
66) Ethyl Benzene	11.959	91	358816	144.261	ug/l	98
67) m/p-Xylenes	12.070	106	291144	296.510	ug/l	99
68) o-Xylene	12.394	106	137138	144.689	ug/l	97
69) Styrene	12.406	104	234320	155.034	ug/l	99
70) Isopropylbenzene	12.694	105	343339	145.150	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	89869	130.984	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	70262m	106.066	ug/l	
73) Bromobenzene	12.976	156	84246	138.220	ug/l	96
74) n-propylbenzene	13.029	91	409082	151.070	ug/l	99
75) 2-Chlorotoluene	13.123	91	261124	144.802	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	304549	152.711	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	39203	148.373	ug/l	97
78) 4-Chlorotoluene	13.217	91	269236	150.550	ug/l	98
79) tert-butylbenzene	13.435	119	249528	151.840	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	312823	156.332	ug/l	100
81) sec-Butylbenzene	13.611	105	356185	158.250	ug/l	99
82) p-Isopropyltoluene	13.723	119	305136	165.700	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	163042	147.270	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	161430	149.396	ug/l	99
85) n-Butylbenzene	14.053	91	256660	172.616	ug/l	98
86) Hexachloroethane	14.329	117	48247	147.851	ug/l	96
87) 1,2-Dichlorobenzene	14.100	146	161029	148.502	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	21179	145.082	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	82529	156.443	ug/l	98
90) Hexachlorobutadiene	15.494	225	46843	161.985	ug/l	99
91) Naphthalene	15.635	128	261771	153.108	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	82529	156.443	ug/l	98

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN086225.D

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Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

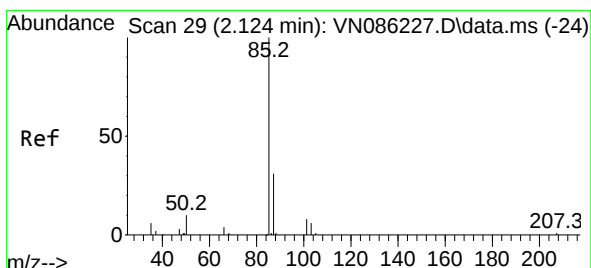
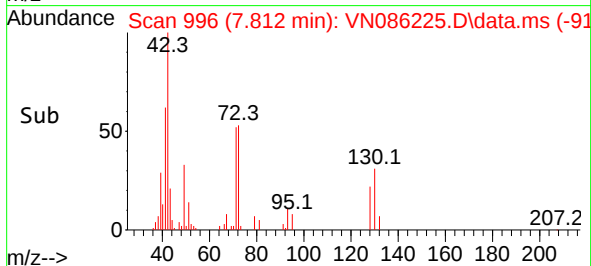
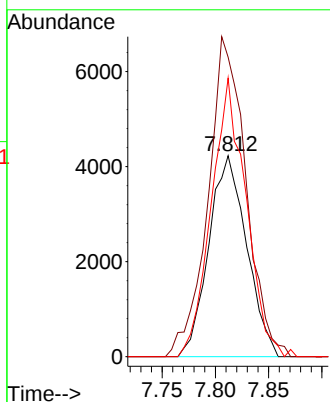
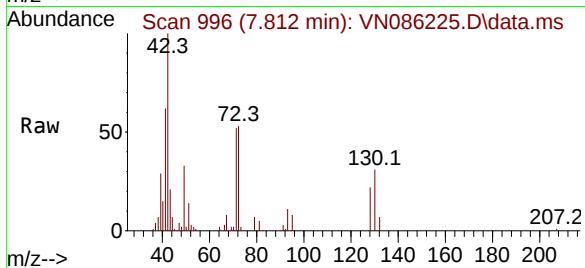
Tgt Ion:	128	Resp:	1044
Ion	Ratio	Lower	Upper
128	100		
49	159.3	0.0	384.5
130	127.0	0.0	324.3

Manual Integrations

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Supervised By :Mahesh Dadoda 04/07/2025



#2

Dichlorodifluoromethane

Concen: 148.939 ug/l

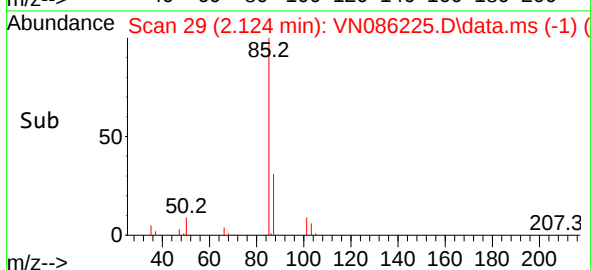
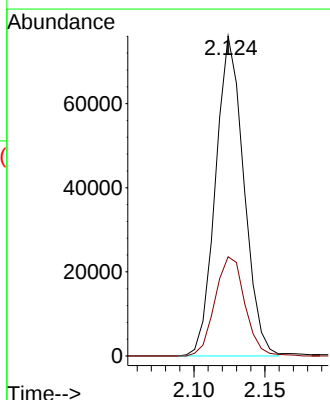
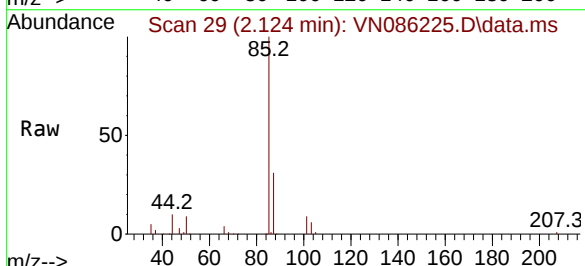
RT: 2.124 min Scan# 29

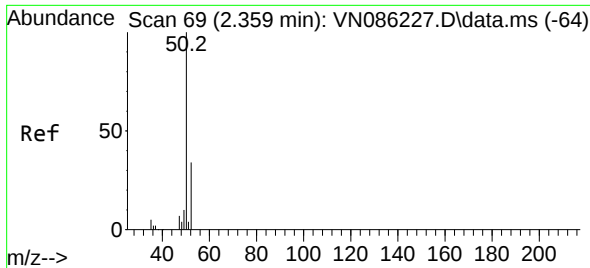
Delta R.T. -0.000 min

Lab File: VN086225.D

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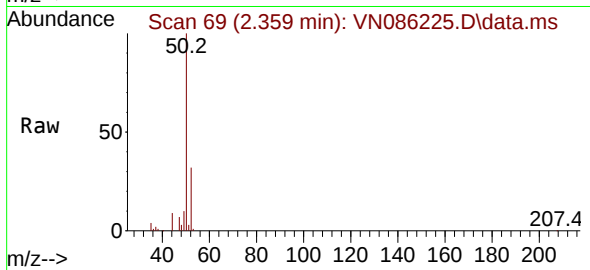
Tgt Ion:	85	Resp:	105390
Ion	Ratio	Lower	Upper
85	100		
87	31.0	15.4	46.2





#3
Chloromethane
Concen: 144.761 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086225.D
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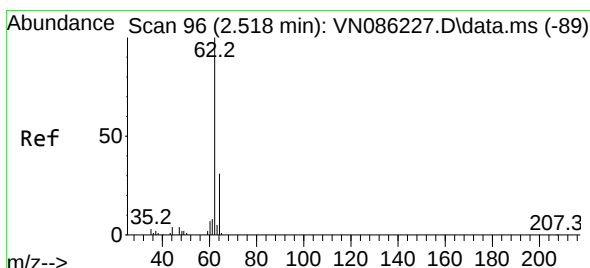
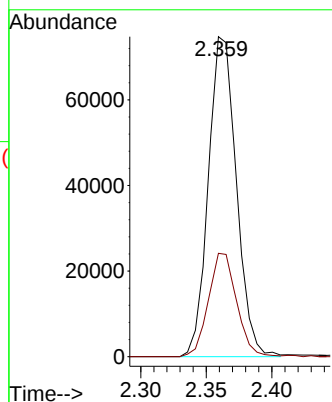
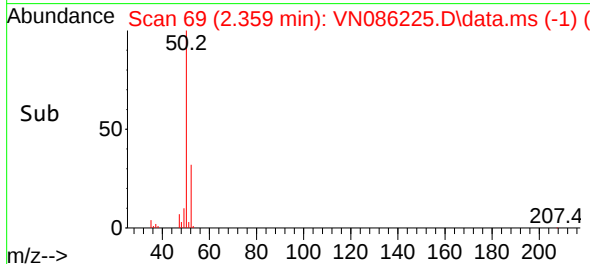
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



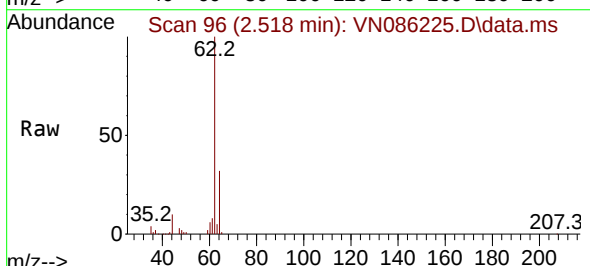
Tgt Ion: 50 Resp: 11126
Ion Ratio Lower Upper
50 100
52 32.3 27.5 41.3

Manual Integrations
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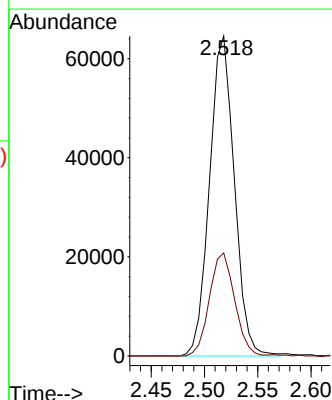
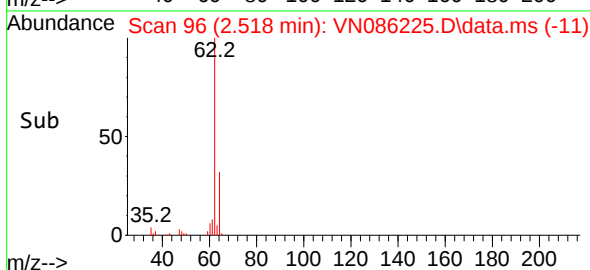
Reviewed By :John Carlone 04/07/2025
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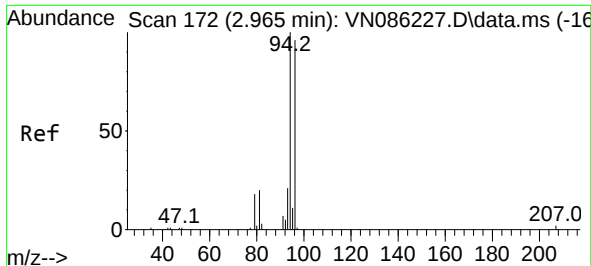


#4
Vinyl Chloride
Concen: 146.245 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38



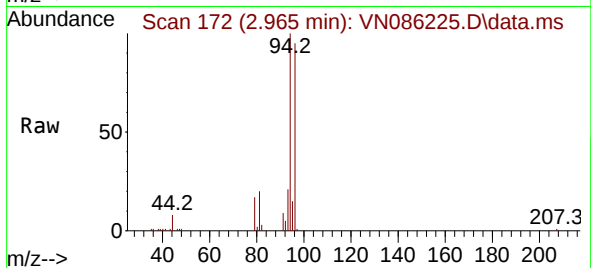
Tgt Ion: 62 Resp: 104688
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5
Bromomethane
Concen: 130.938 ug/l
RT: 2.965 min Scan# 172
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

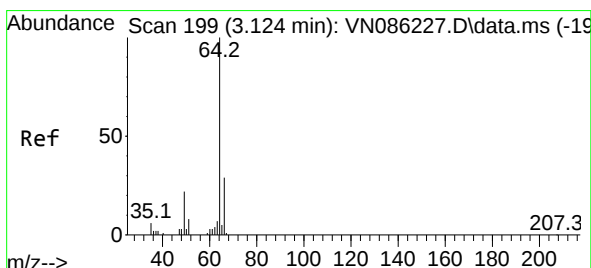
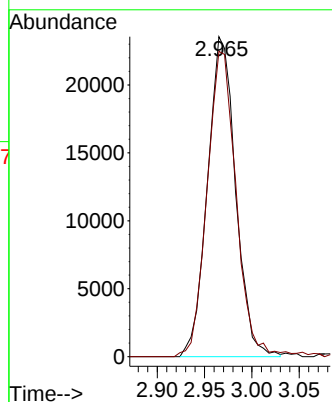
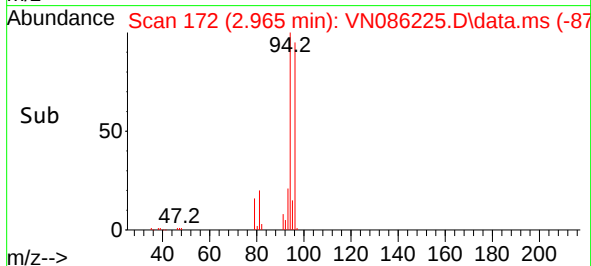
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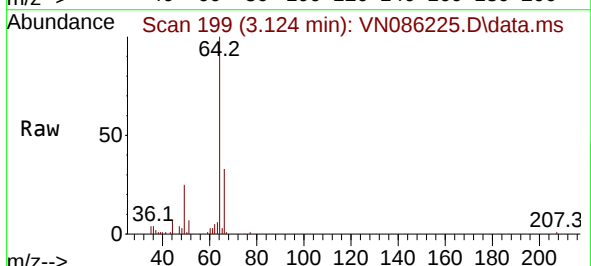
Tgt Ion: 94 Resp: 48610
Ion Ratio Lower Upper
94 100
96 94.1 77.0 115.4

Manual Integrations
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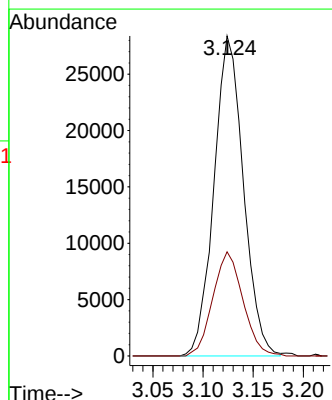
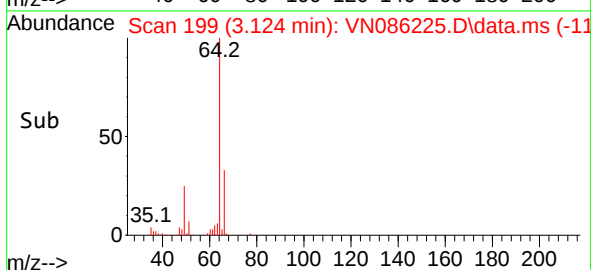
Reviewed By :John Carlone 04/07/2025
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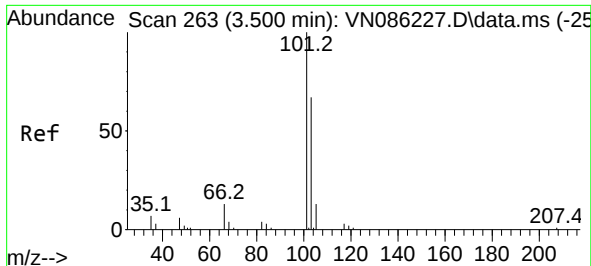


#6
Chloroethane
Concen: 135.374 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38



Tgt Ion: 64 Resp: 57830
Ion Ratio Lower Upper
64 100
66 32.6 23.4 35.0





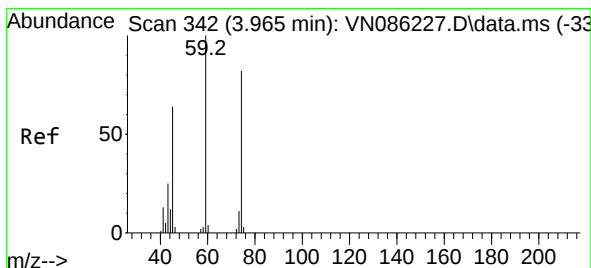
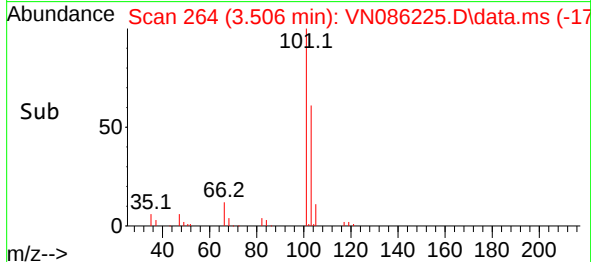
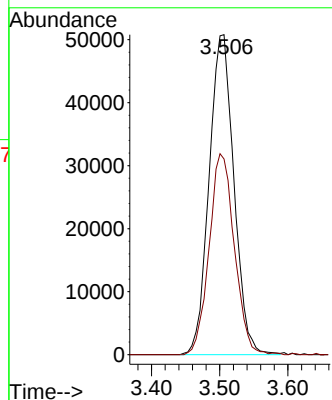
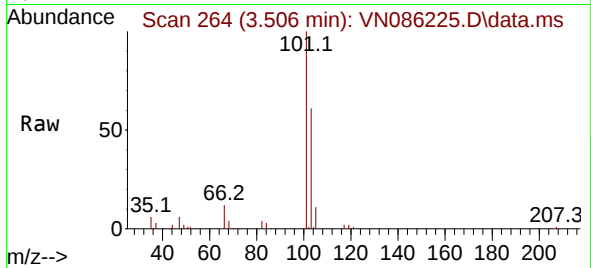
#7
Trichlorofluoromethane
Concen: 134.456 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086225.D
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Tgt Ion:101 Resp: 12883
Ion Ratio Lower Upper
101 100
103 61.1 53.4 80.2

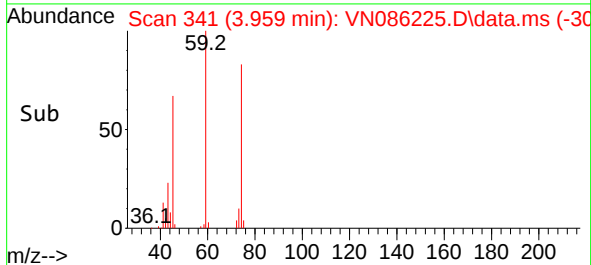
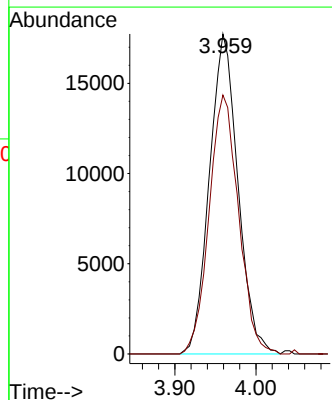
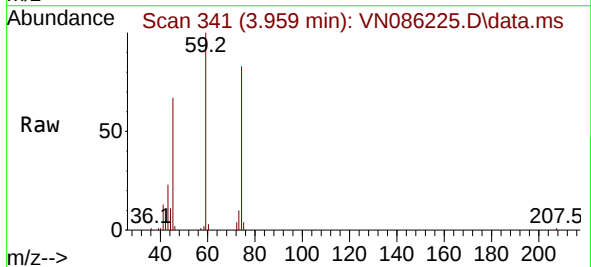
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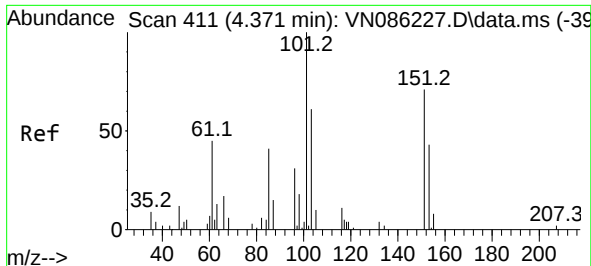
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#8
Diethyl Ether
Concen: 135.681 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion: 74 Resp: 43332
Ion Ratio Lower Upper
74 100
45 83.6 16.5 148.5





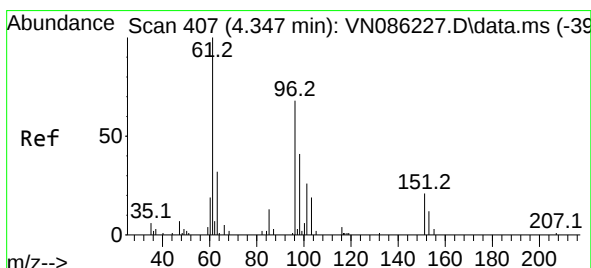
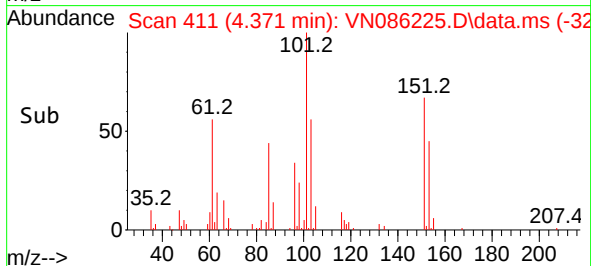
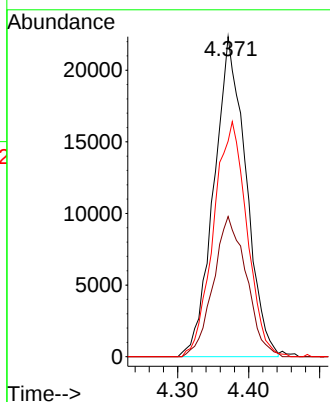
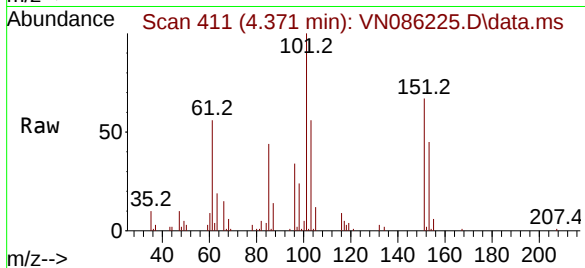
#9
1,1,2-Trichlorotrifluoroethane
Concen: 131.008 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086225.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 6982
Ion Ratio Lower Upper
101 100
85 45.3 0.0 89.2
151 76.7 0.0 152.2

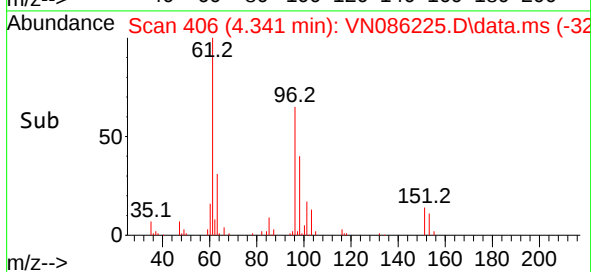
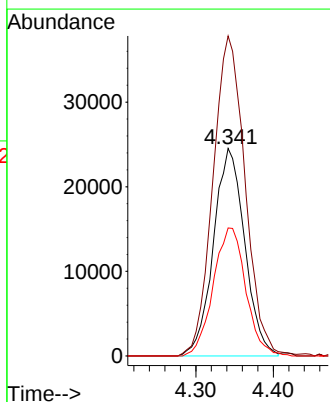
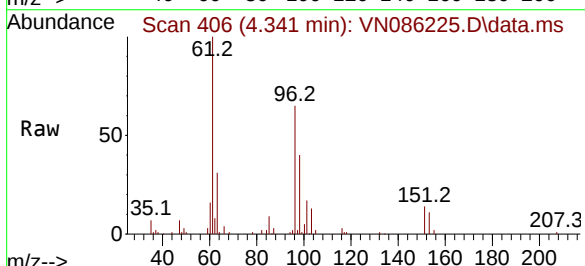
Manual Integrations
APPROVED

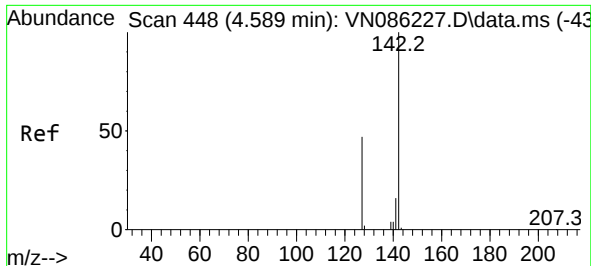
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#10
1,1-Dichloroethene
Concen: 132.314 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion: 96 Resp: 68830
Ion Ratio Lower Upper
96 100
61 154.2 117.0 175.6
98 61.7 47.8 71.8





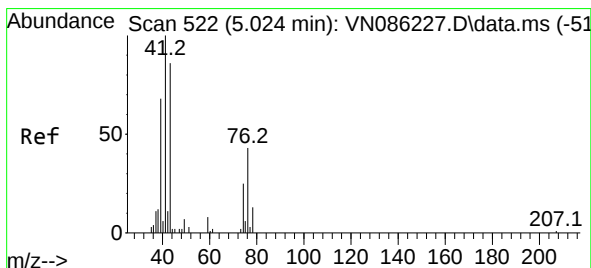
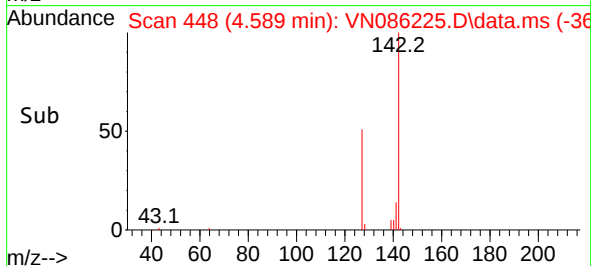
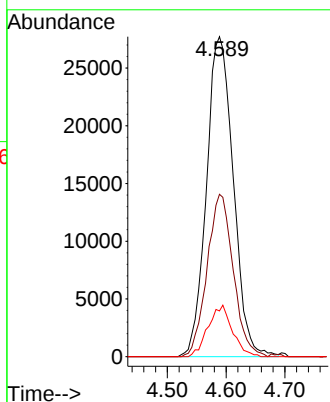
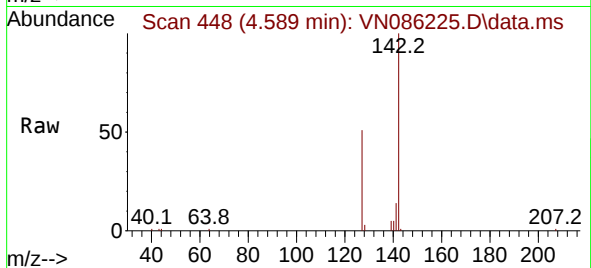
#11
Methyl Iodide
Concen: 131.996 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:142 Resp: 88075
Ion Ratio Lower Upper
142 100
127 50.6 23.6 71.0
141 14.3 8.0 24.0

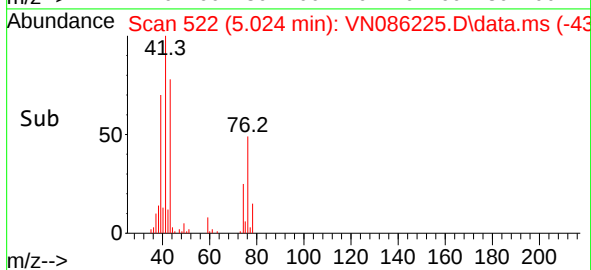
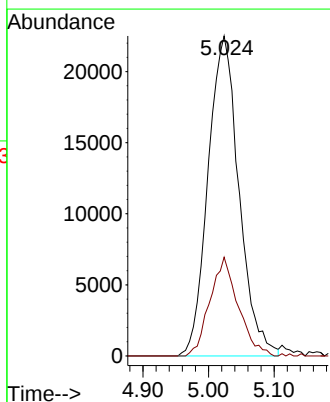
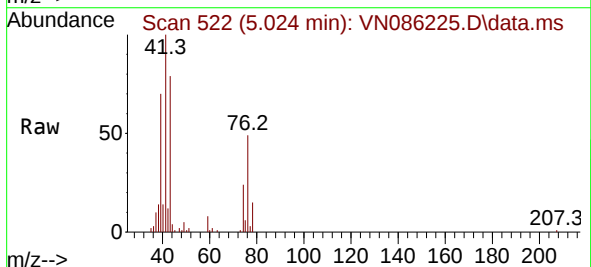
Manual Integrations
APPROVED

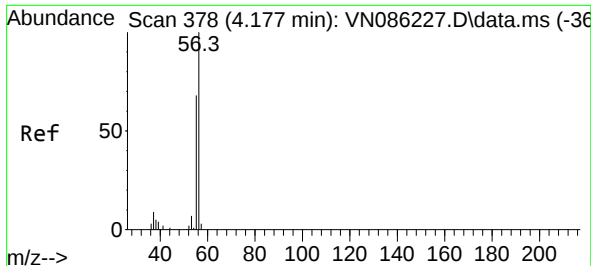
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#12
Methyl Acetate
Concen: 107.261 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion: 43 Resp: 73728
Ion Ratio Lower Upper
43 100
74 31.2 23.2 34.8





#13

Acrolein

Concen: 475.204 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 35679

Ion Ratio Lower Upper

56 100

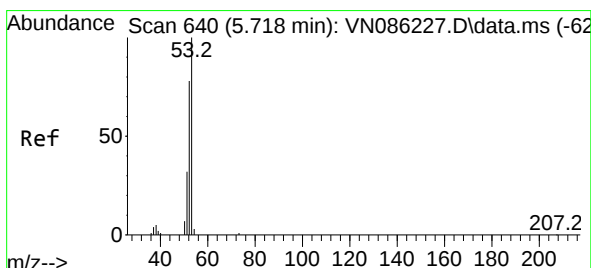
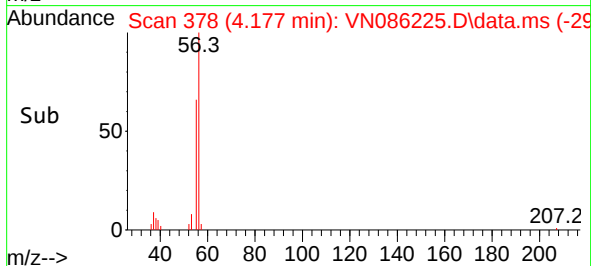
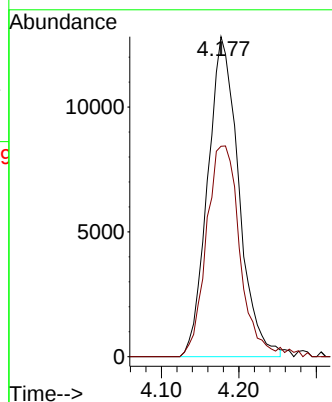
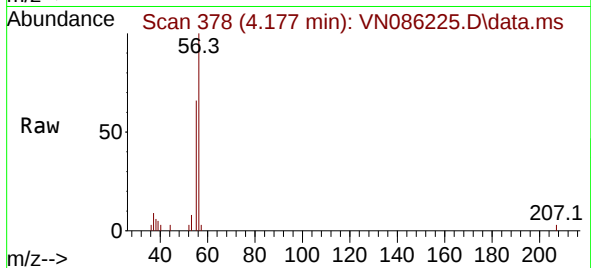
55 70.3 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#14

Acrylonitrile

Concen: 655.917 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

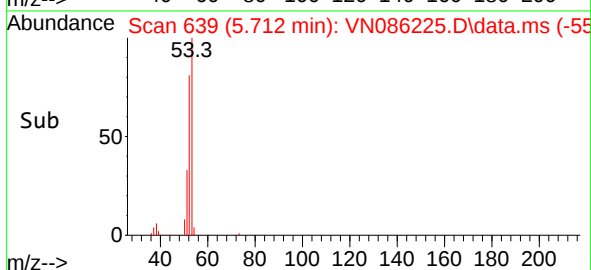
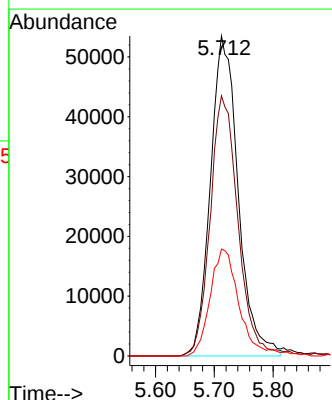
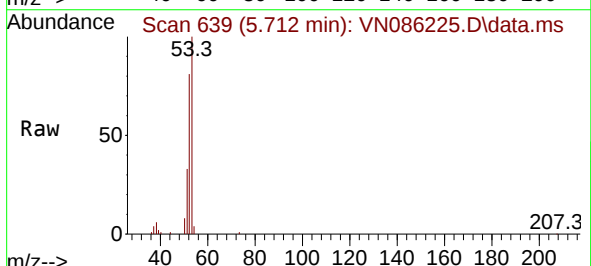
Tgt Ion: 53 Resp: 175753

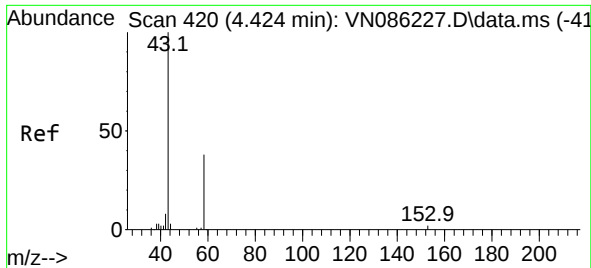
Ion Ratio Lower Upper

53 100

52 80.4 40.6 121.8

51 33.9 16.9 50.7





#15

Acetone

Concen: 559.906 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 58 Resp: 4680

Ion Ratio Lower Upper

58 100

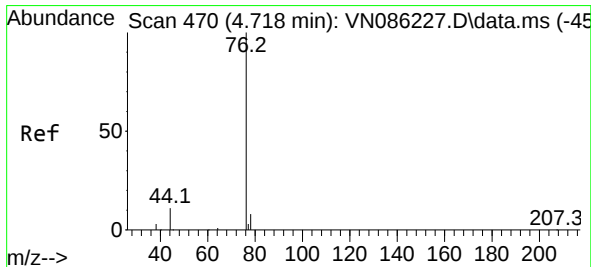
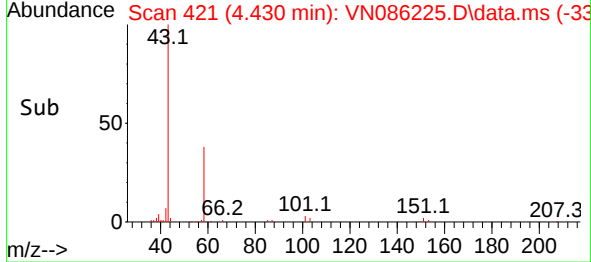
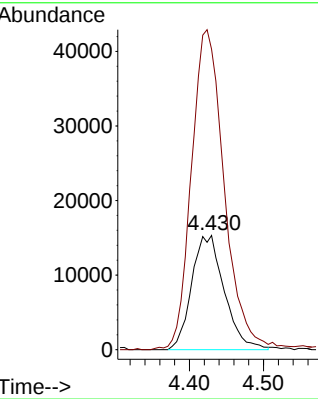
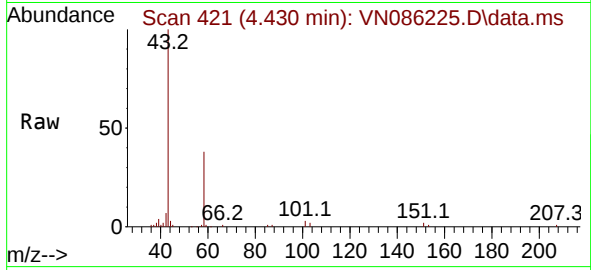
43 259.9 209.6 314.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#16

Carbon Disulfide

Concen: 125.818 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN086225.D

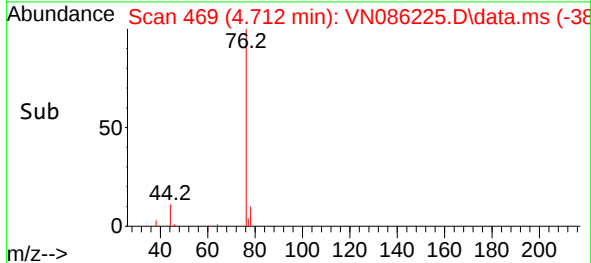
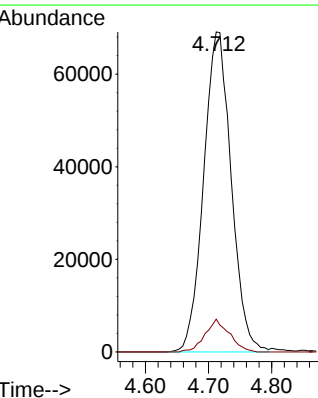
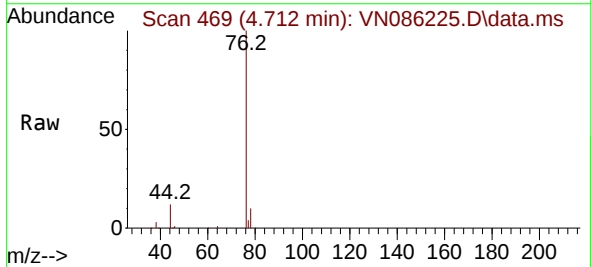
Acq: 04 Apr 2025 11:38

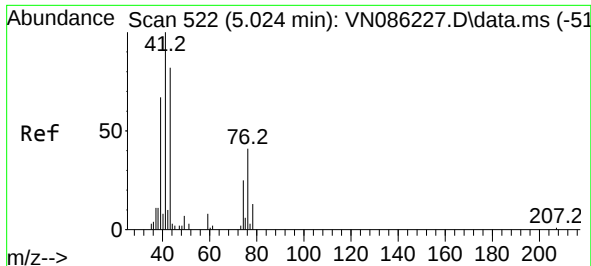
Tgt Ion: 76 Resp: 209666

Ion Ratio Lower Upper

76 100

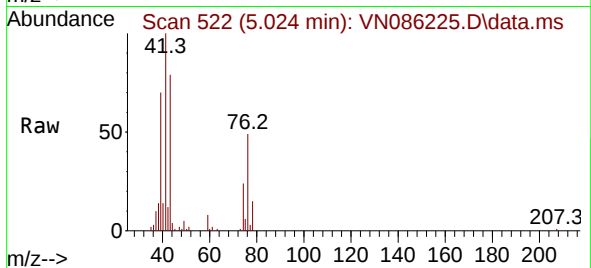
78 10.3 6.6 9.8#





#17
Allyl chloride
Concen: 131.053 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

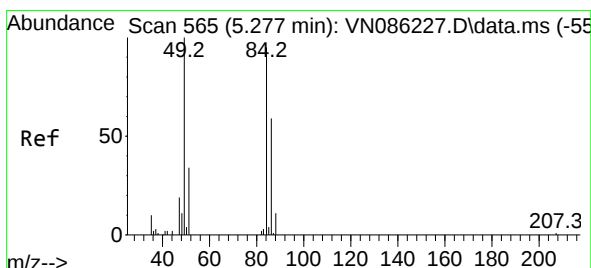
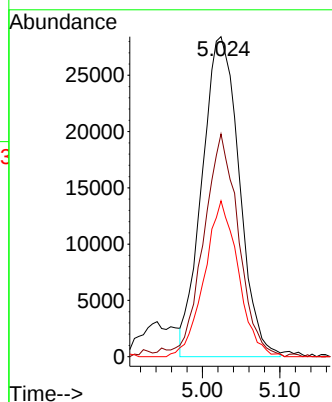
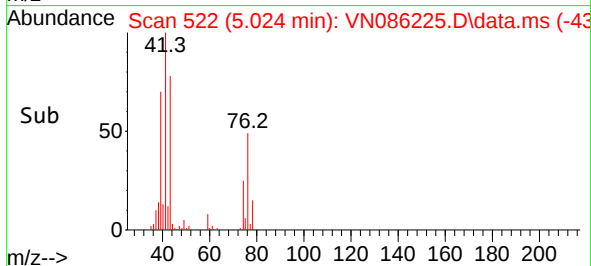
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



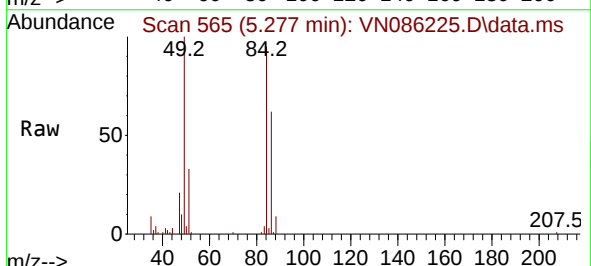
Tgt Ion:	41	Resp:	94828
Ion	Ratio	Lower	Upper
41	100		
39	69.7	32.1	96.5
76	48.4	19.6	58.7

Manual Integrations
APPROVED

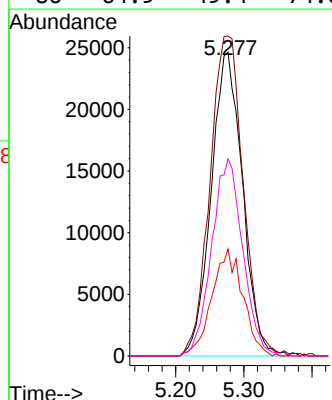
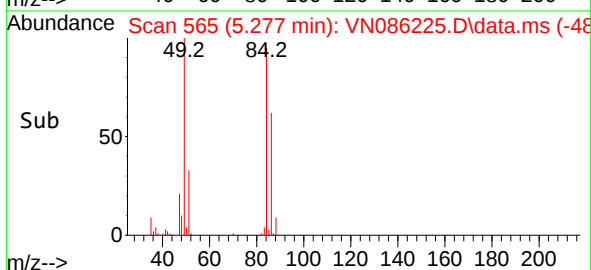
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

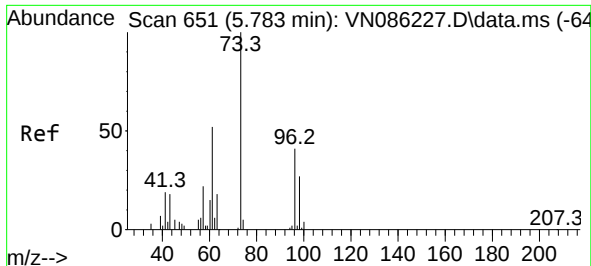


#18
Methylene Chloride
Concen: 126.079 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38



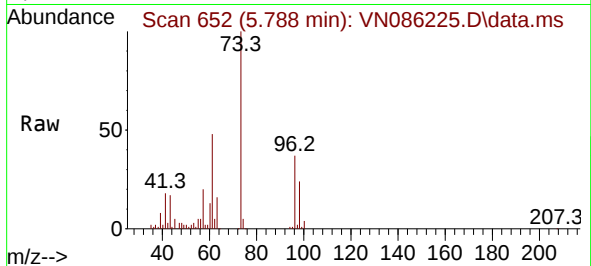
Tgt Ion:	84	Resp:	78639
Ion	Ratio	Lower	Upper
84	100		
49	105.3	84.1	126.1
51	35.2	28.9	43.3
86	64.9	49.4	74.0





#19
trans-1,2-Dichloroethene
Concen: 132.196 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

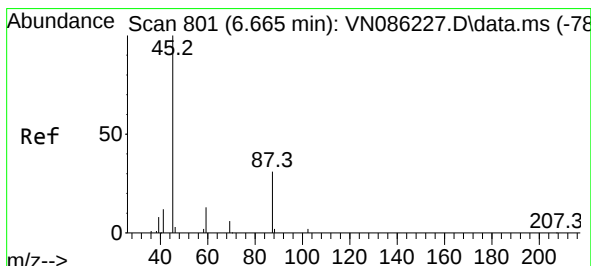
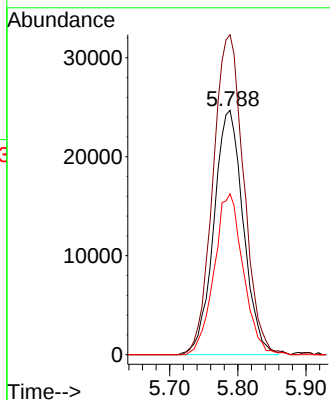
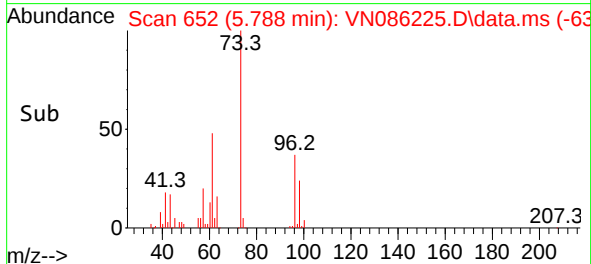
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 7426
Ion Ratio Lower Upper
96 100
61 131.0 101.9 152.9
98 65.8 52.3 78.5

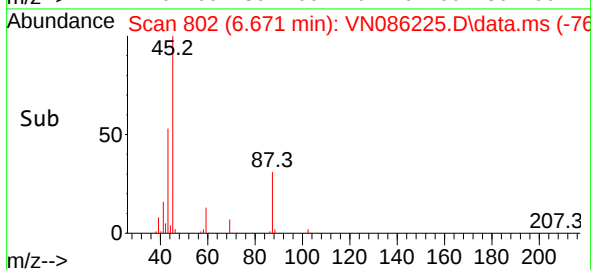
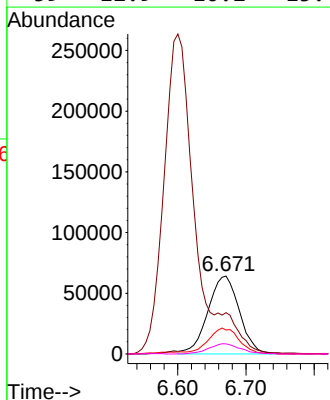
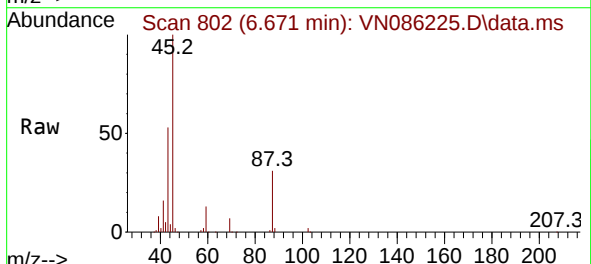
Manual Integrations
APPROVED

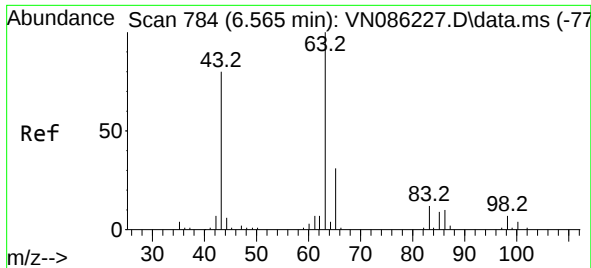
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#20
Diisopropyl ether
Concen: 135.365 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

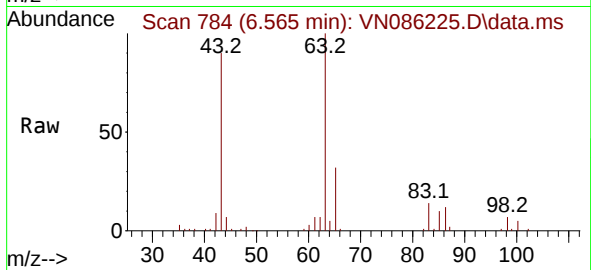
Tgt Ion: 45 Resp: 205619
Ion Ratio Lower Upper
45 100
43 51.6 40.3 60.5
87 31.0 26.5 39.7
59 12.9 10.2 15.4





#21
1,1-Dichloroethane
Concen: 131.509 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

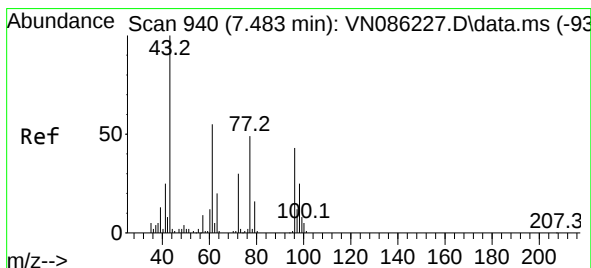
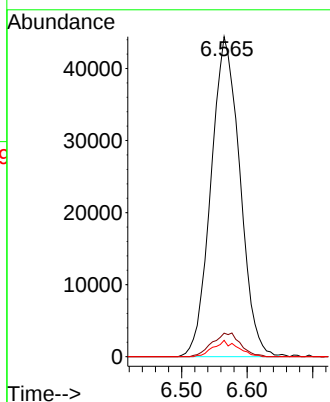
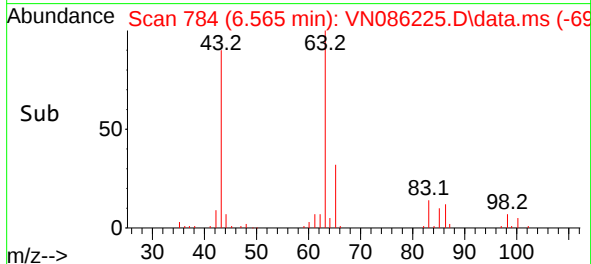
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



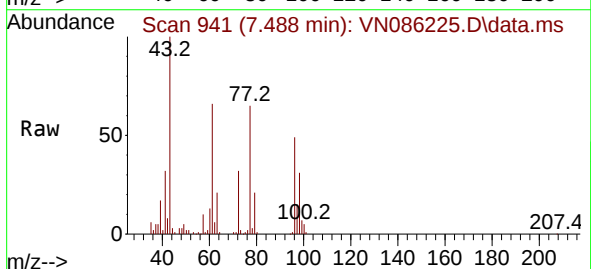
Tgt Ion: 63 Resp: 136154
Ion Ratio Lower Upper
63 100
98 7.4 3.3 9.9
100 5.1 2.1 6.2

Manual Integrations
APPROVED

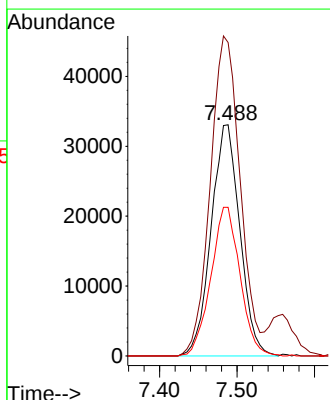
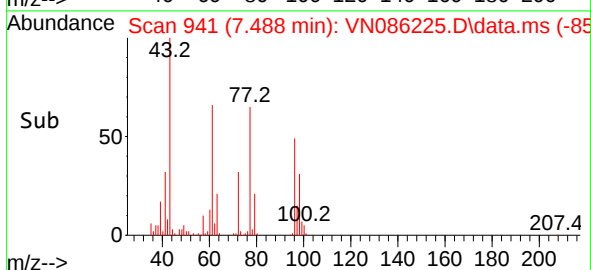
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

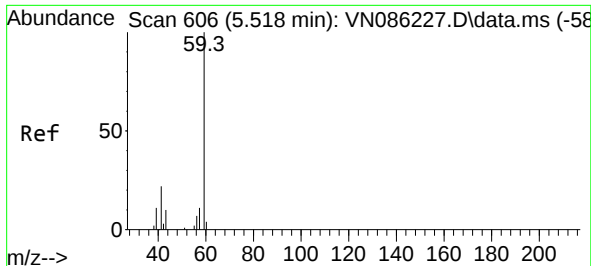


#22
cis-1,2-Dichloroethene
Concen: 127.937 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38



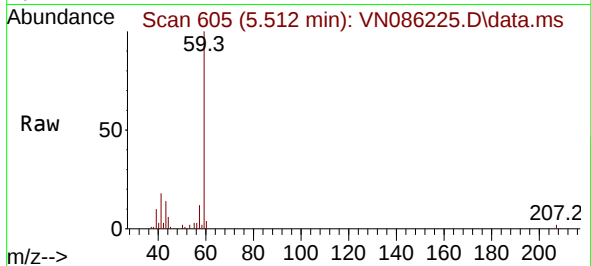
Tgt Ion: 96 Resp: 85245
Ion Ratio Lower Upper
96 100
61 143.3 109.7 164.5
98 65.3 49.7 74.5





#23
tert-Butyl Alcohol
Concen: 632.944 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

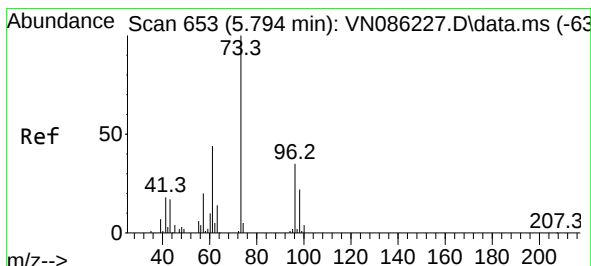
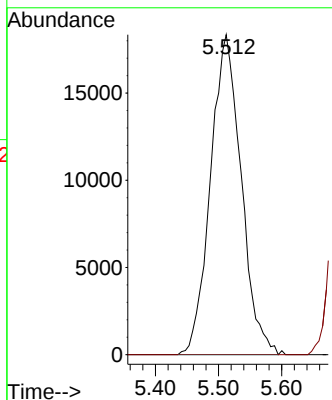
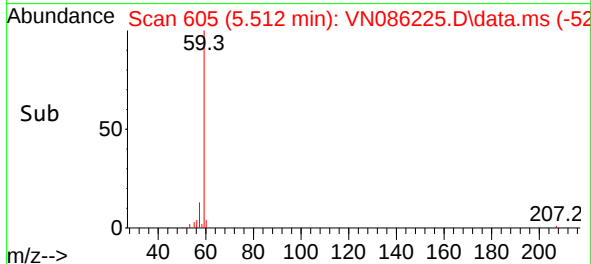
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



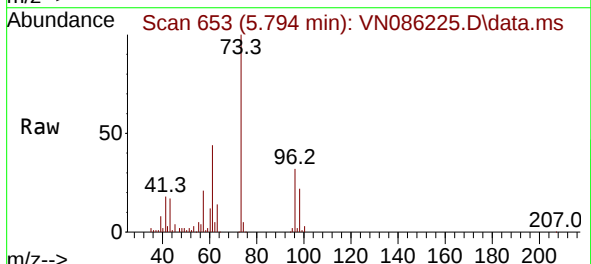
Tgt Ion: 59 Resp: 61930
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

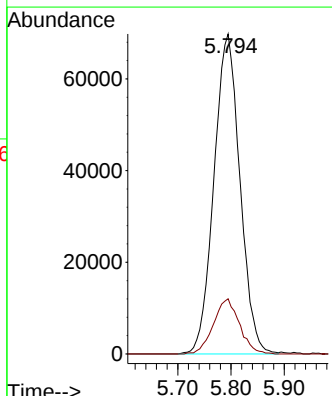
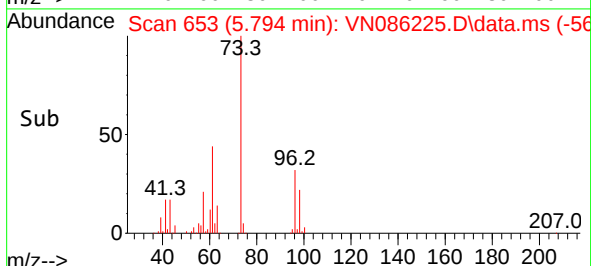
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

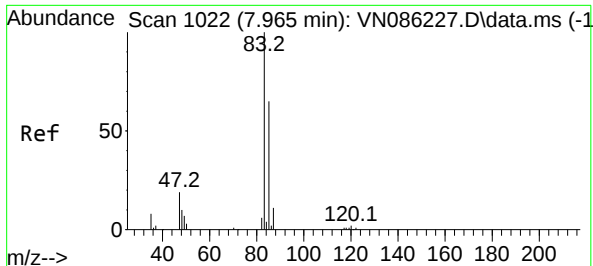


#24
Methyl tert-Butyl Ether
Concen: 139.189 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38



Tgt Ion: 73 Resp: 236516
Ion Ratio Lower Upper
73 100
43 16.5 13.9 20.9





#25

Chloroform

Concen: 131.825 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 143220

Ion Ratio Lower Upper

83 100

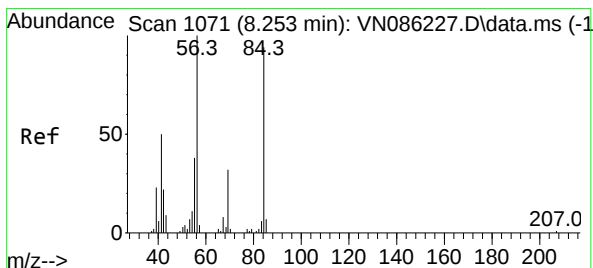
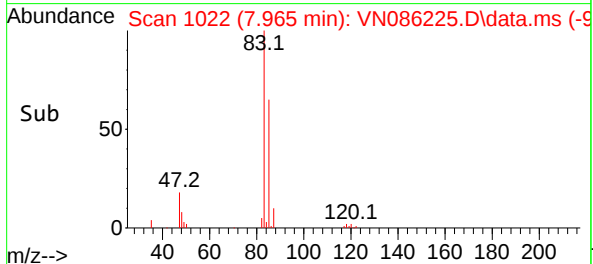
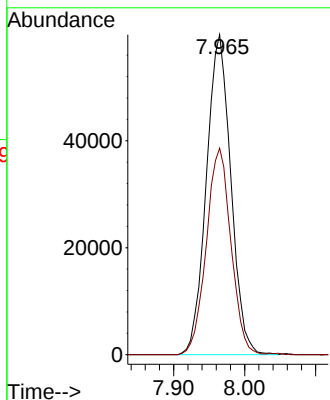
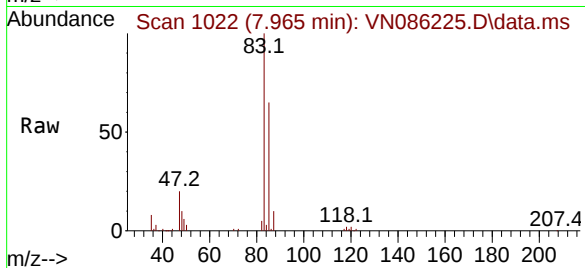
85 64.6 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#26

Cyclohexane

Concen: 133.565 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

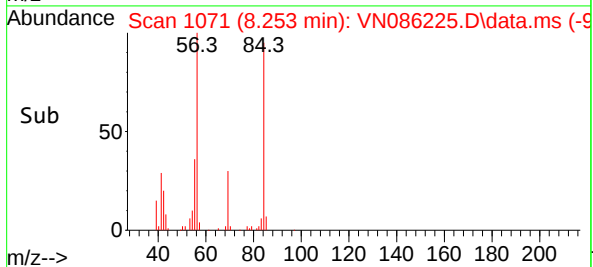
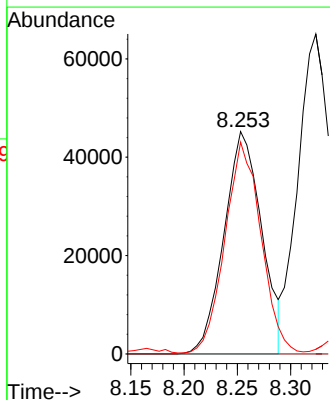
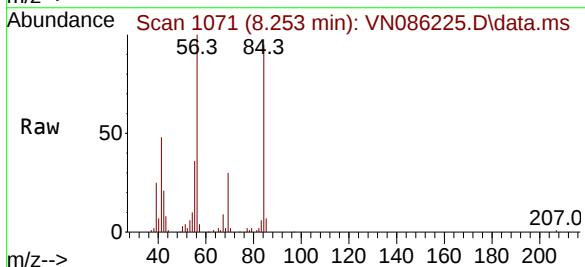
Tgt Ion: 56 Resp: 111309

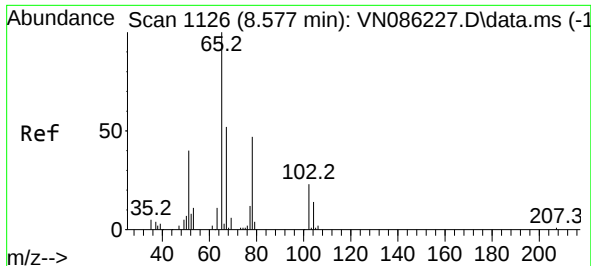
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

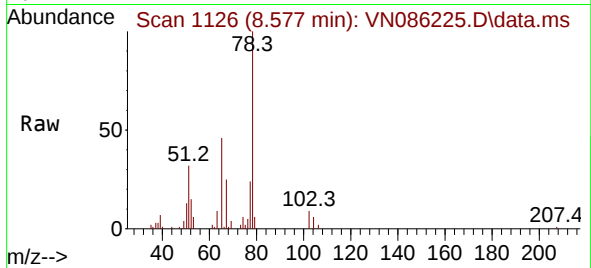
84 91.6 74.3 111.5





#27
1,2-Dichloroethane-d4
Concen: 28.347 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

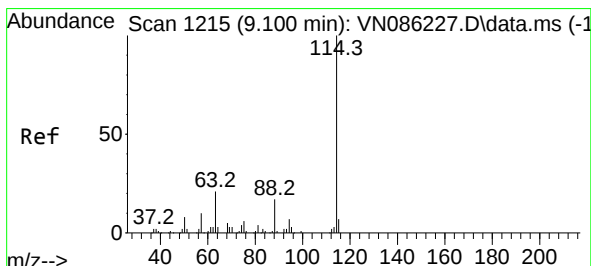
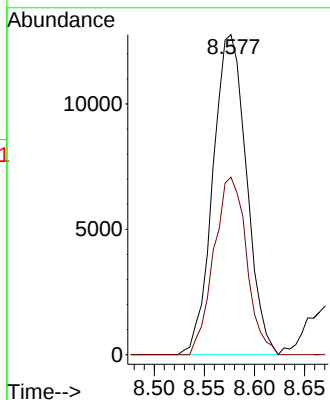
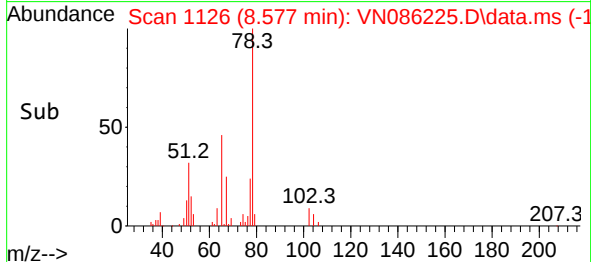
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 65 Resp: 2970
Ion Ratio Lower Upper
65 100
67 54.1 42.1 63.1

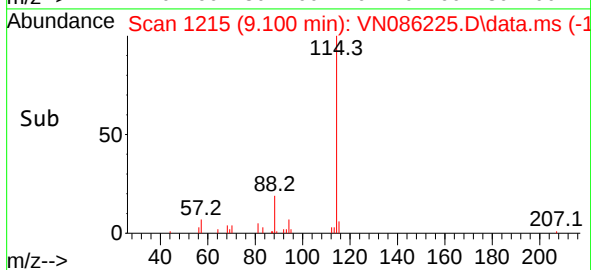
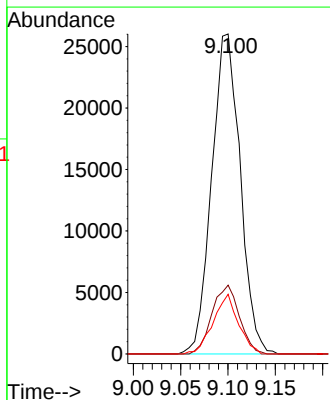
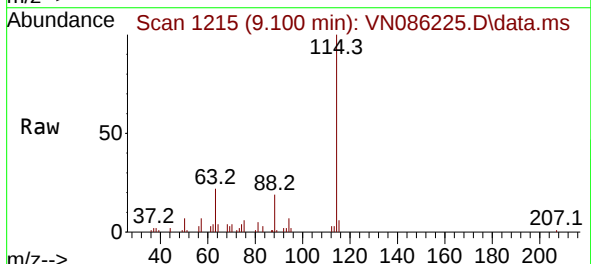
Manual Integrations
APPROVED

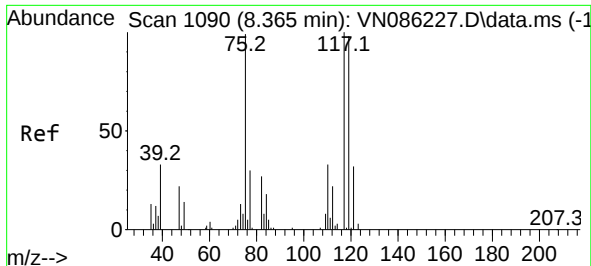
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion:114 Resp: 54449
Ion Ratio Lower Upper
114 100
63 20.6 16.4 24.6
88 16.5 13.4 20.2





#29

1,1-Dichloropropene

Concen: 142.025 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

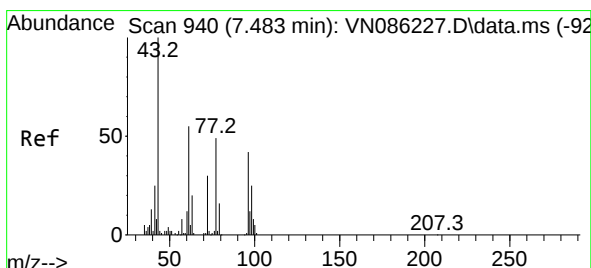
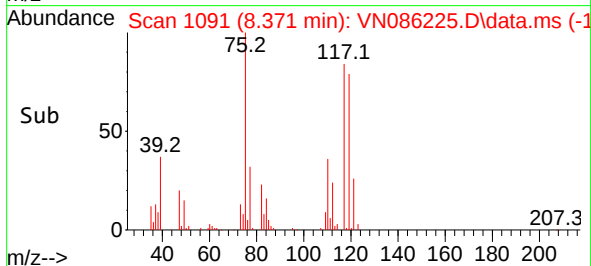
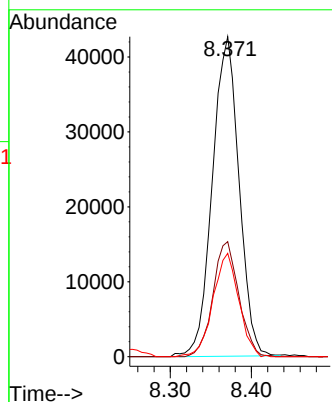
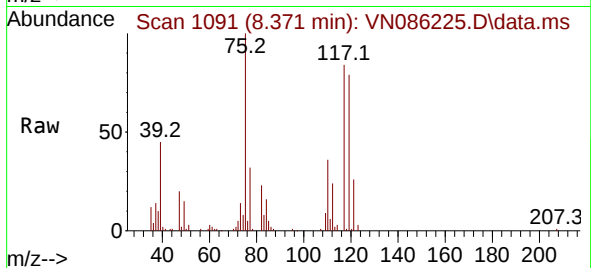
Tgt Ion:	75	Resp:	9704
Ion	Ratio	Lower	Upper
75	100		
110	35.0	0.0	66.8
77	31.4	0.0	58.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#30

2-Butanone

Concen: 694.805 ug/l

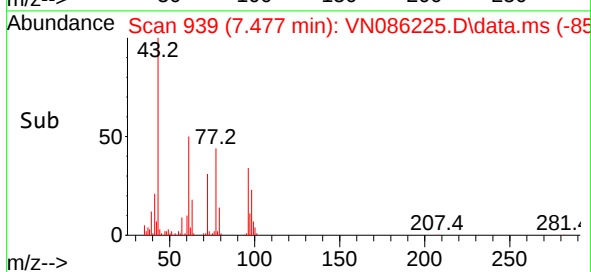
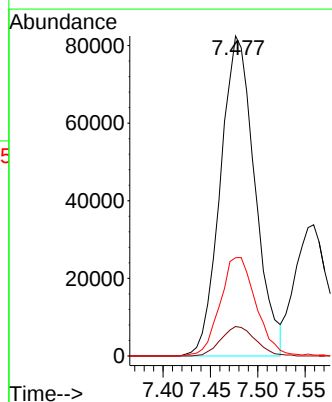
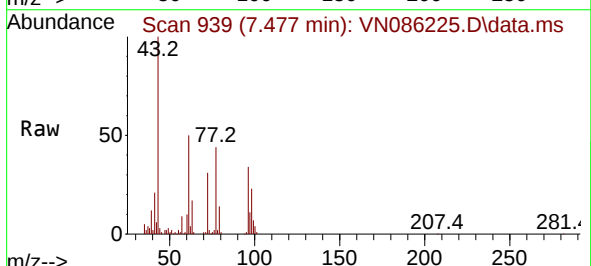
RT: 7.477 min Scan# 939

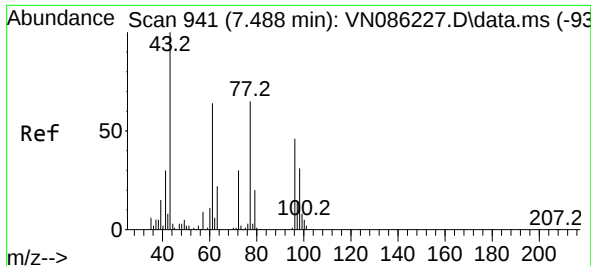
Delta R.T. -0.006 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Tgt Ion:	43	Resp:	208699
Ion	Ratio	Lower	Upper
43	100		
57	9.2	7.3	10.9
72	32.0	24.3	36.5





#31

2,2-Dichloropropane

Concen: 145.119 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 77 Resp: 12217

Ion Ratio Lower Upper

77 100

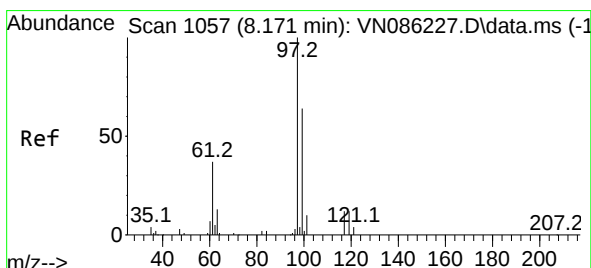
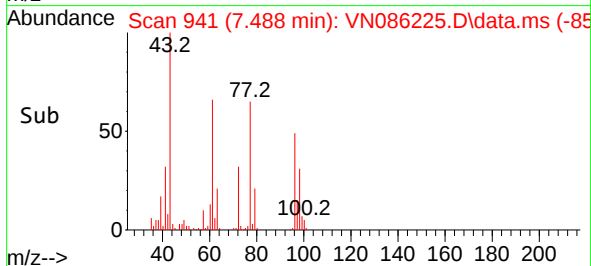
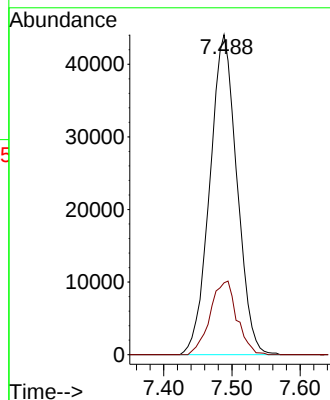
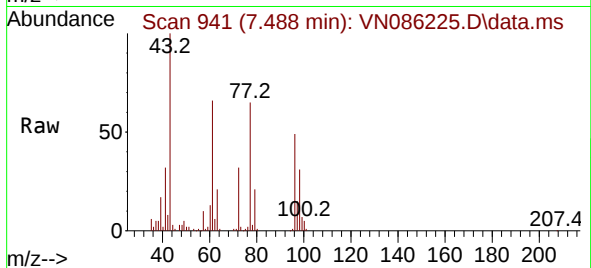
97 22.6 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#32

1,1,1-Trichloroethane

Concen: 142.017 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

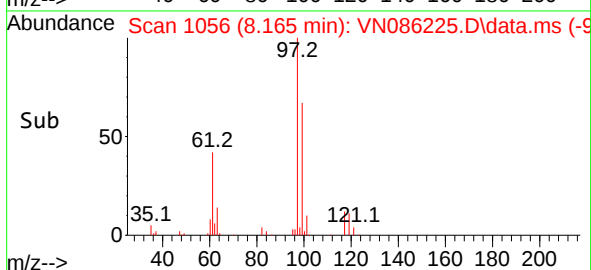
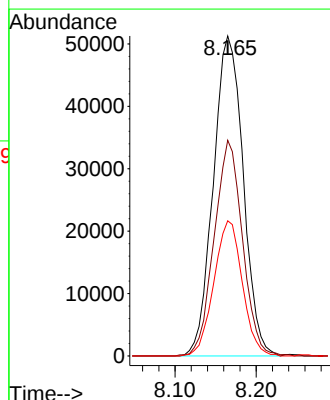
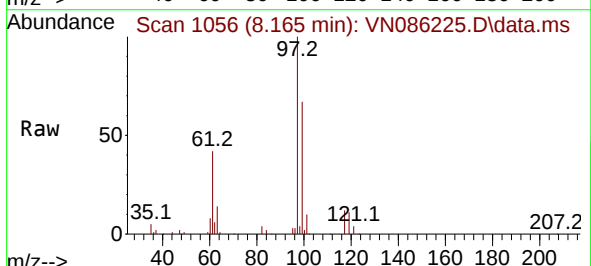
Tgt Ion: 97 Resp: 131220

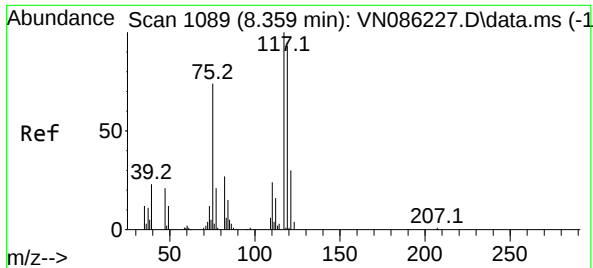
Ion Ratio Lower Upper

97 100

99 63.8 51.8 77.6

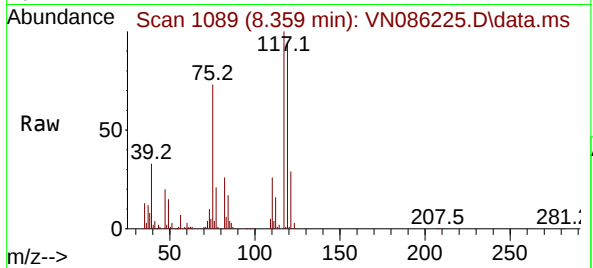
61 40.2 31.7 47.5





#33
Carbon Tetrachloride
Concen: 144.722 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

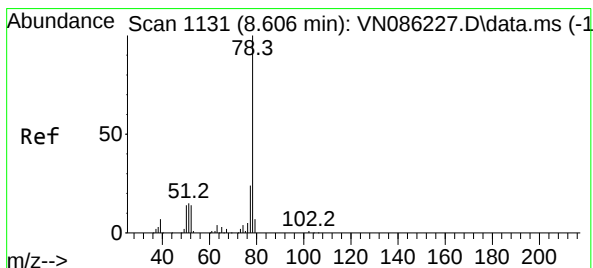
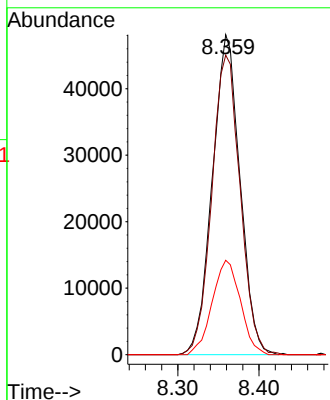
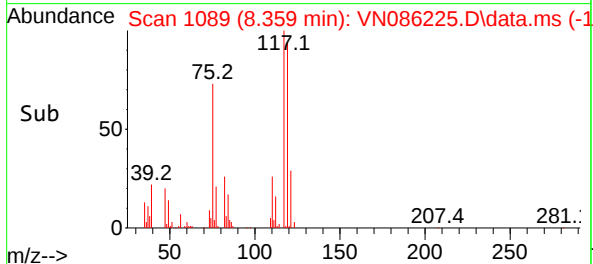
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



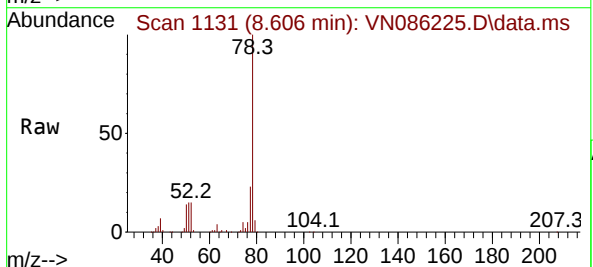
Tgt Ion: 117 Resp: 114040
Ion Ratio Lower Upper
117 100
119 93.6 74.6 112.0
121 29.5 23.8 35.8

Manual Integrations
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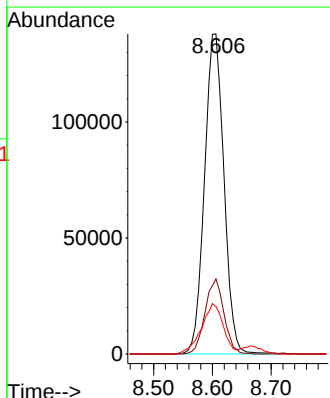
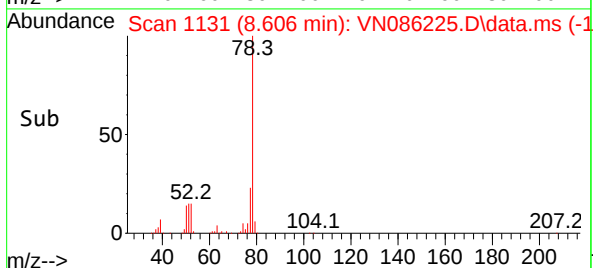
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

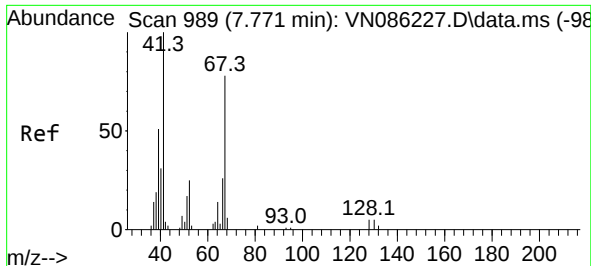


#34
Benzene
Concen: 139.493 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38



Tgt Ion: 78 Resp: 316466
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2
51 14.8 11.9 17.9





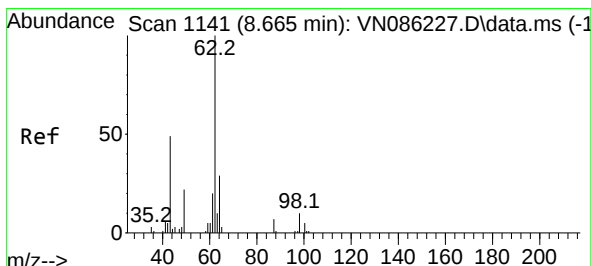
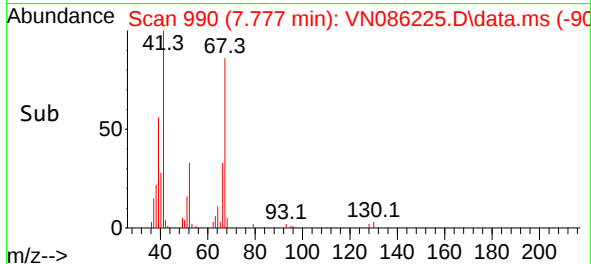
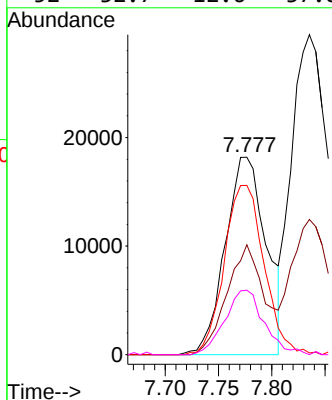
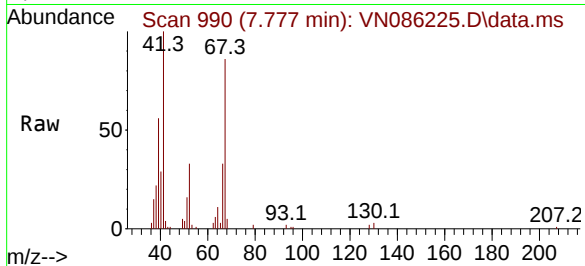
#35
Methacrylonitrile
Concen: 145.031 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 41	Resp: 48639
Ion Ratio	Lower Upper
41 100	
39 55.7	25.7 77.0
67 85.7	39.0 117.0
52 32.7	12.6 37.8

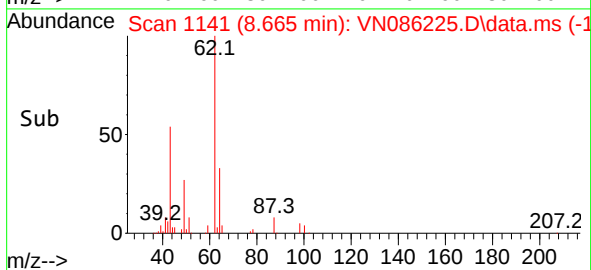
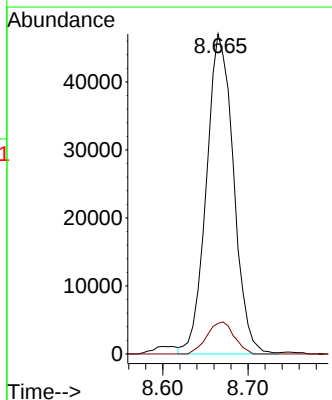
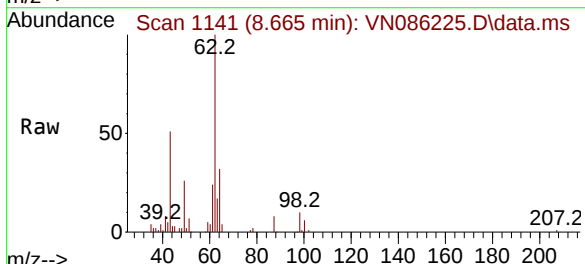
Manual Integrations
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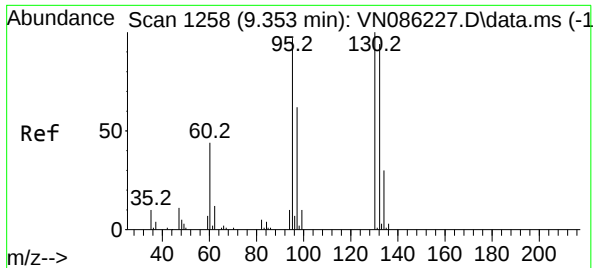
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#36
1,2-Dichloroethane
Concen: 138.156 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion: 62	Resp: 104099		
Ion Ratio	Lower	Upper	
62 100			
98 10.0	7.8	11.8	





#37

Trichloroethene

Concen: 142.767 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 77570

Ion Ratio Lower Upper

130 100

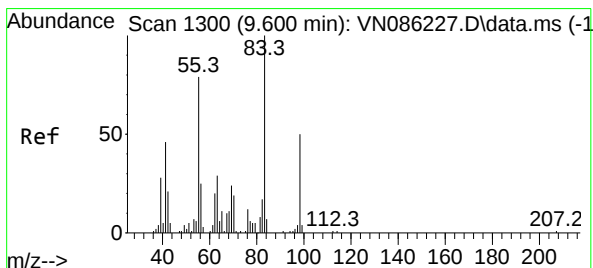
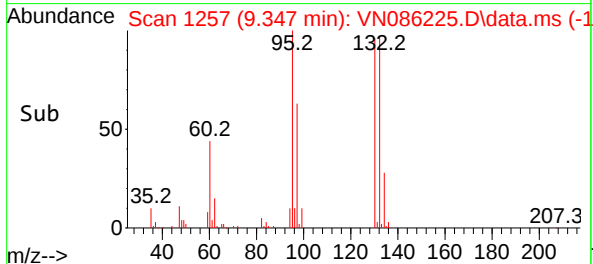
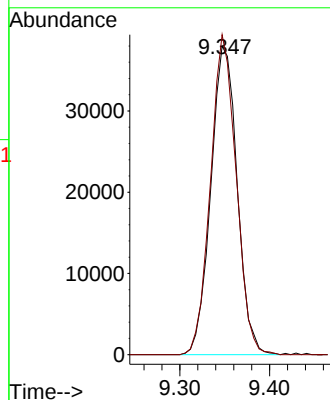
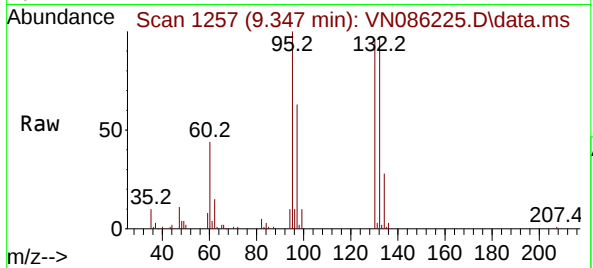
95 103.7 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#38

Methylcyclohexane

Concen: 151.418 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

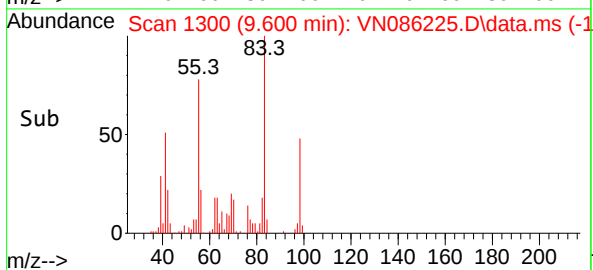
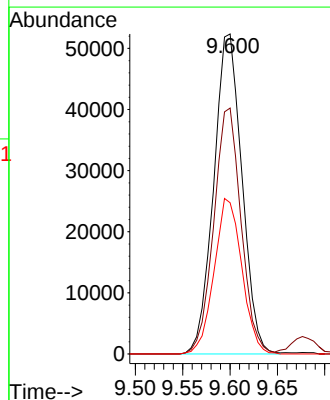
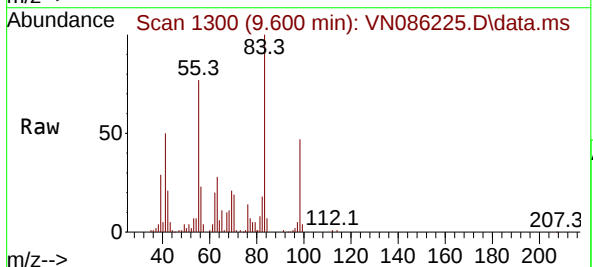
Tgt Ion: 83 Resp: 108554

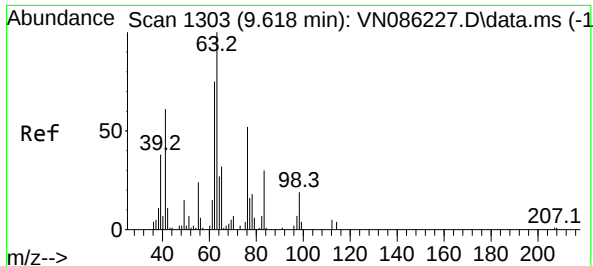
Ion Ratio Lower Upper

83 100

55 74.3 38.0 113.9

98 47.7 24.2 72.6





#39

1,2-Dichloropropane

Concen: 142.637 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 7498

Ion Ratio Lower Upper

63 100

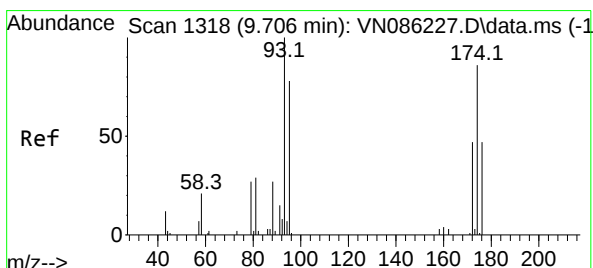
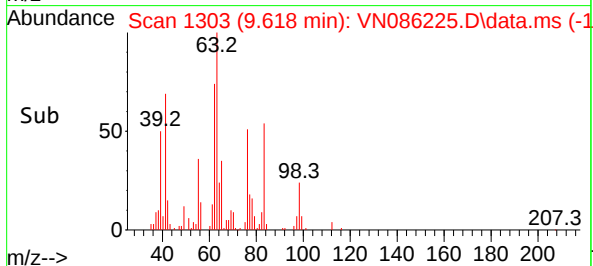
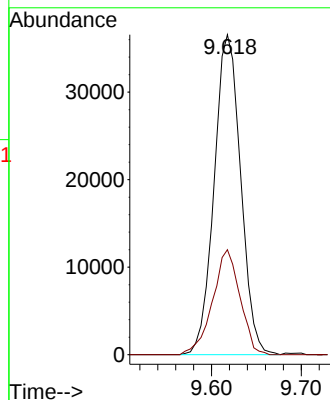
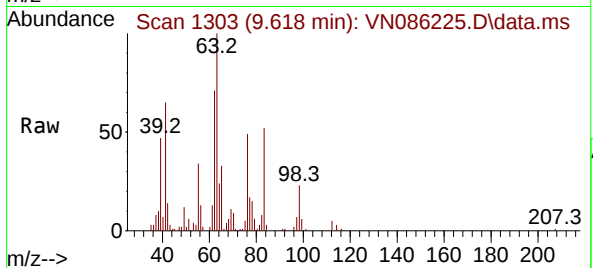
65 32.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#40

Dibromomethane

Concen: 135.204 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

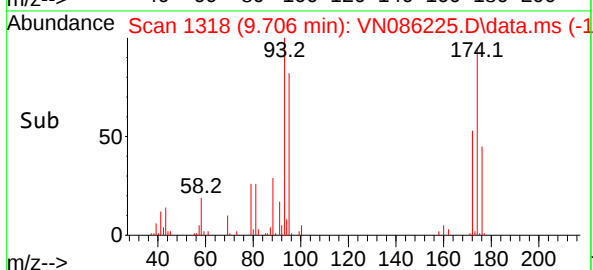
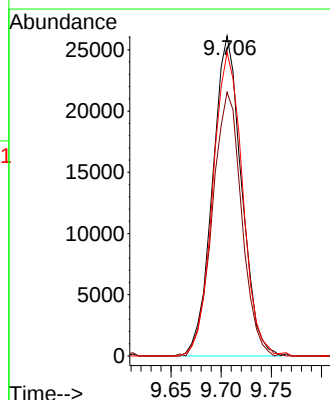
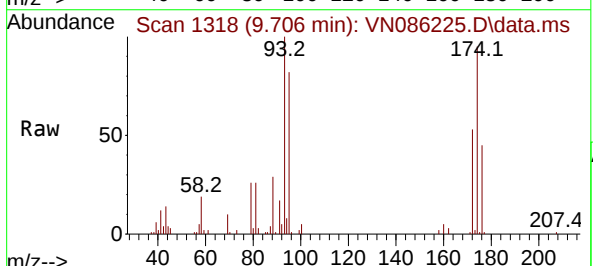
Tgt Ion: 93 Resp: 52448

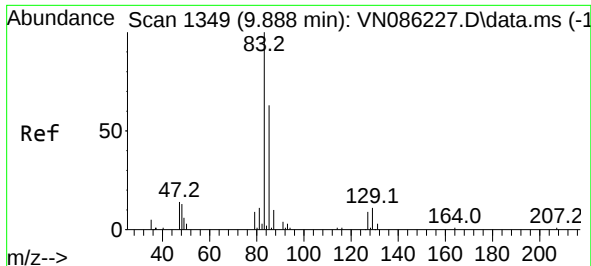
Ion Ratio Lower Upper

93 100

95 82.9 0.0 160.8

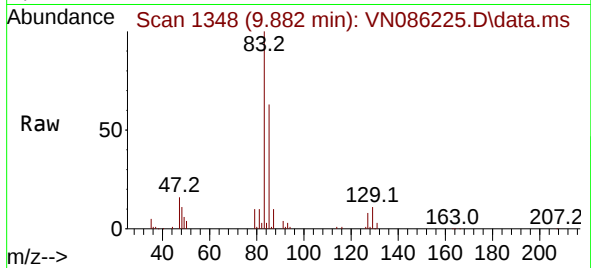
174 96.9 0.0 181.4





#41
Bromodichloromethane
Concen: 141.014 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

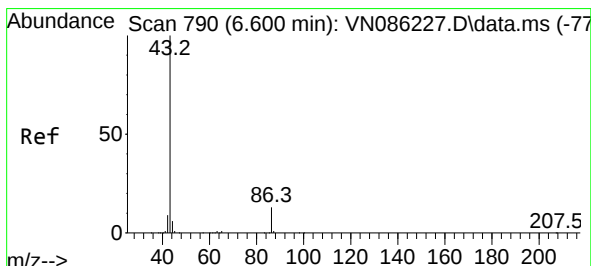
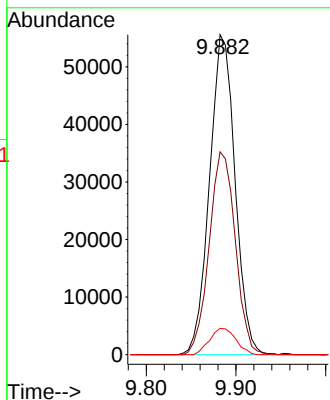
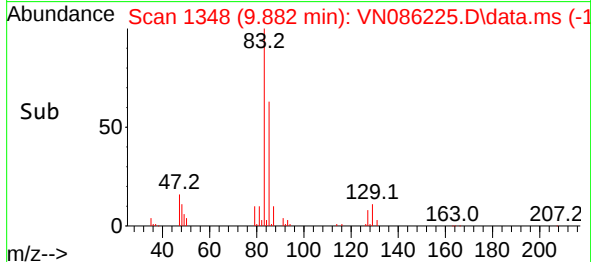
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 10987
Ion Ratio Lower Upper
83 100
85 63.4 50.6 75.8
127 8.2 6.8 10.2

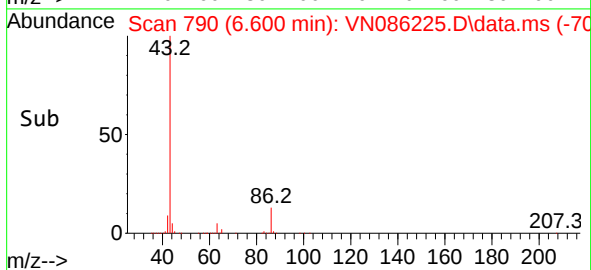
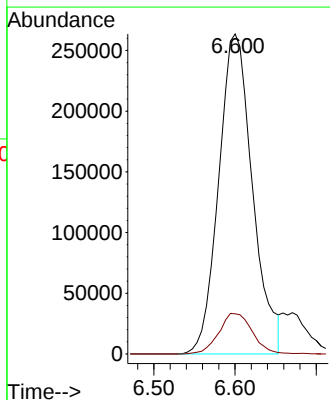
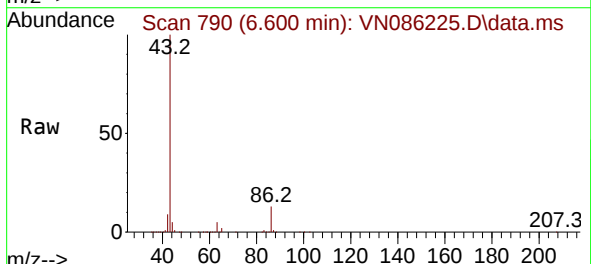
Manual Integrations
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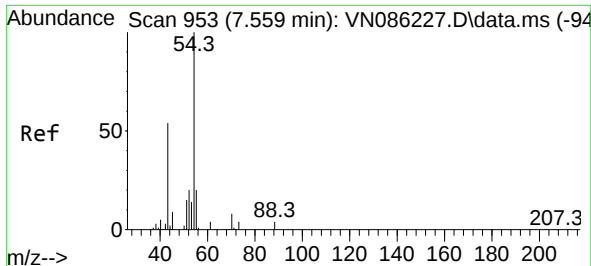
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#42
Vinyl Acetate
Concen: 714.164 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

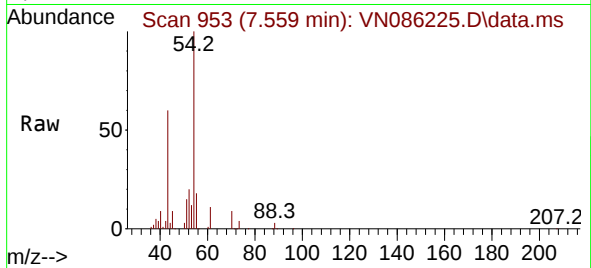
Tgt Ion: 43 Resp: 764445
Ion Ratio Lower Upper
43 100
86 12.5 9.9 14.9





#43
Ethyl Acetate
Concen: 138.915 ug/l
RT: 7.559 min Scan# 914
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

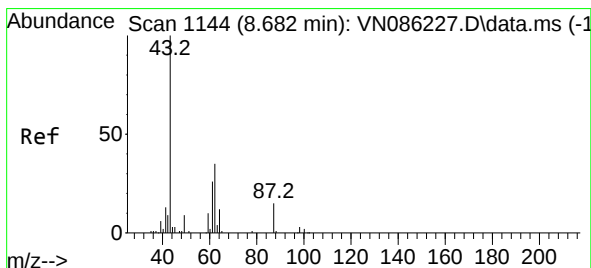
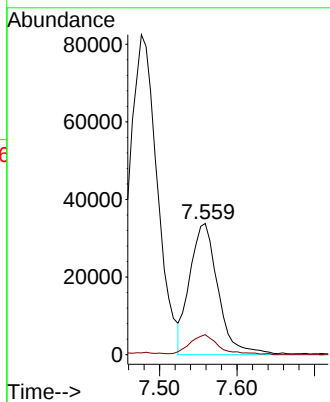
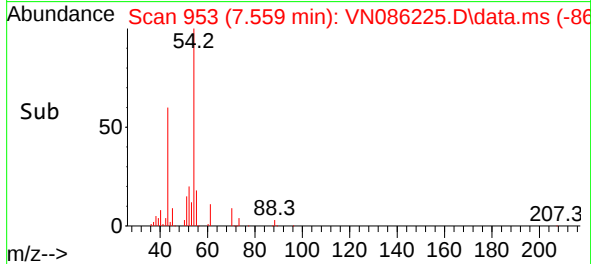
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



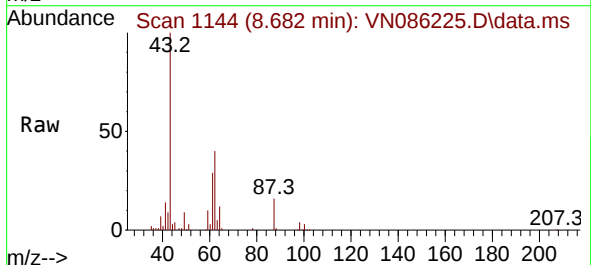
Tgt Ion: 43 Resp: 85792
Ion Ratio Lower Upper
43 100
45 15.5 0.2 0.4

Manual Integrations
APPROVED

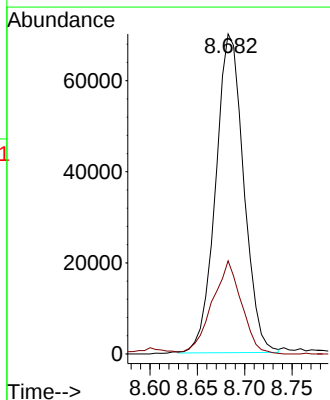
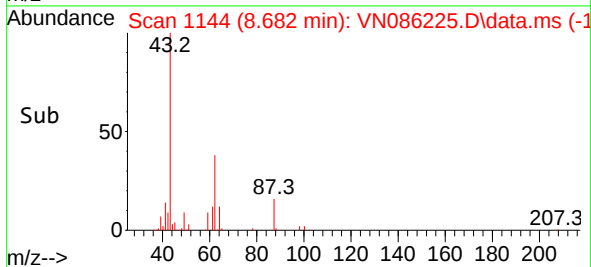
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

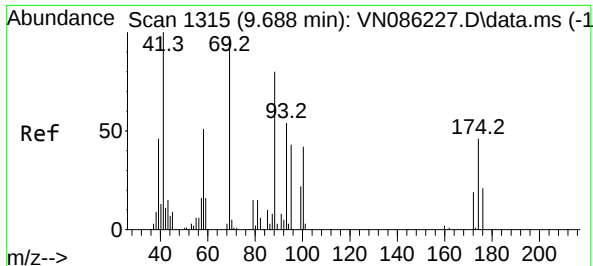


#44
Isopropyl Acetate
Concen: 129.498 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38



Tgt Ion: 43 Resp: 144360
Ion Ratio Lower Upper
43 100
61 30.7 24.3 36.5





#45

1,4-Dioxane

Concen: 2900.835 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

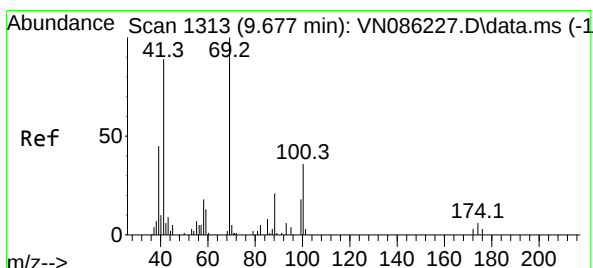
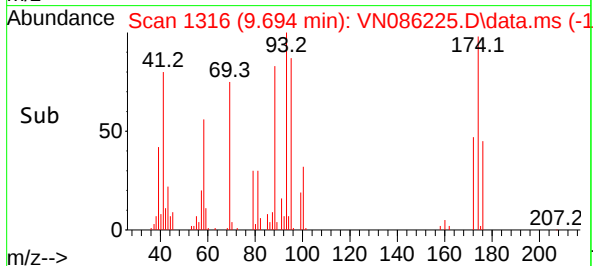
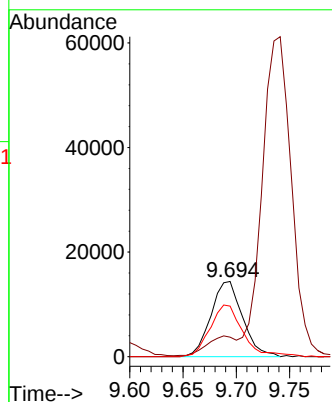
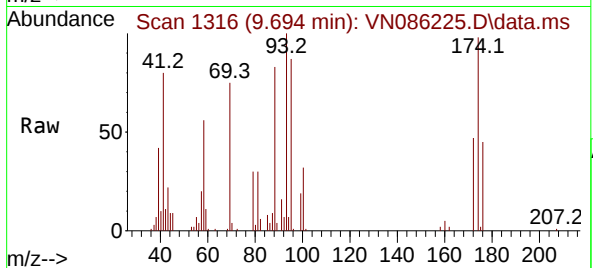
Tgt Ion:	88	Resp:	2964
Ion Ratio	Lower	Upper	
88	100		
43	24.6	19.8	29.8
58	68.6	60.6	91.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#46

Methyl methacrylate

Concen: 144.747 ug/l

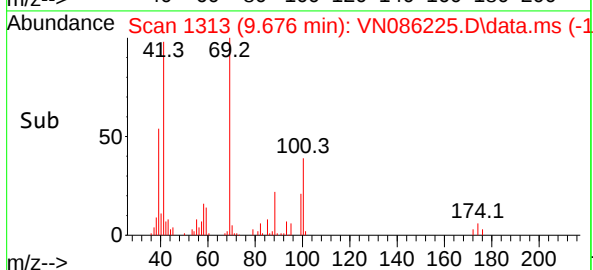
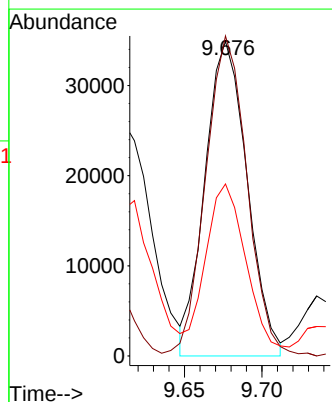
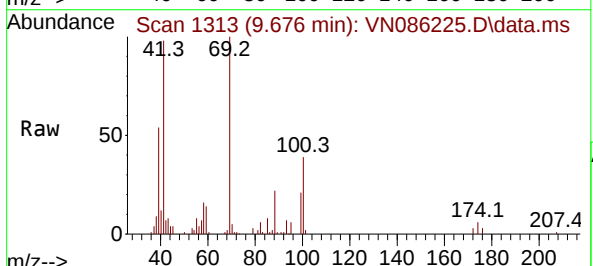
RT: 9.676 min Scan# 1313

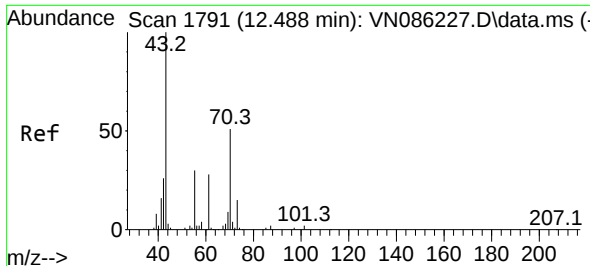
Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

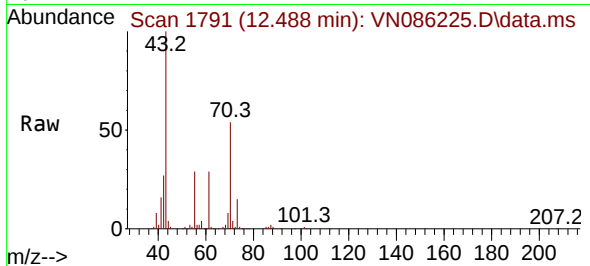
Tgt Ion:	41	Resp:	66090
Ion Ratio	Lower	Upper	
41	100		
69	103.0	53.1	159.4
39	53.7	25.2	75.6





#47
n-amy1 Acetate
Concen: 156.386 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

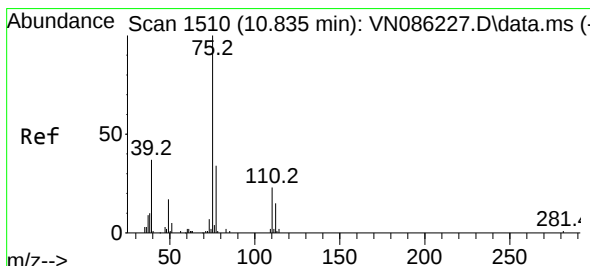
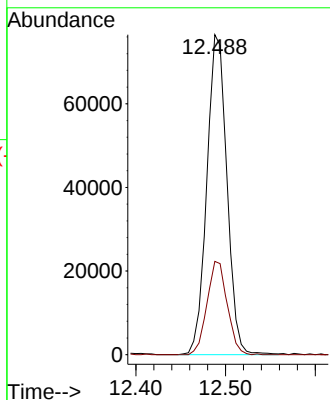
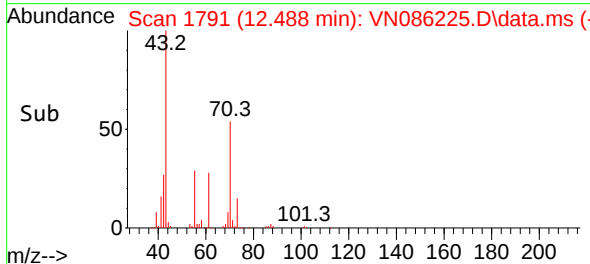
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 119114
Ion Ratio Lower Upper
43 100
55 29.2 24.6 36.8

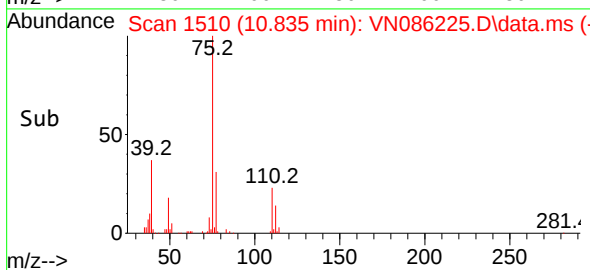
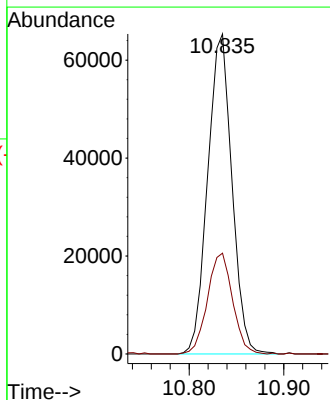
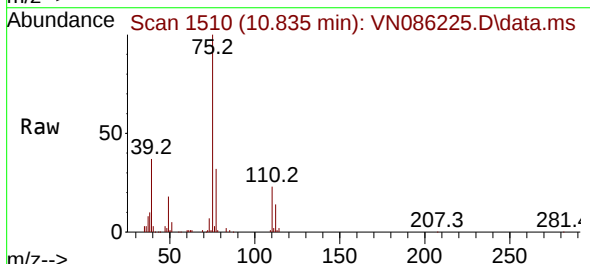
Manual Integrations
APPROVED

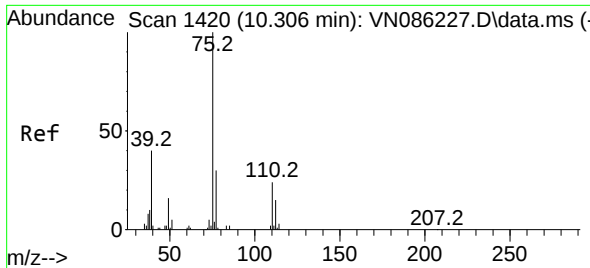
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#48
t-1,3-Dichloropropene
Concen: 144.683 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

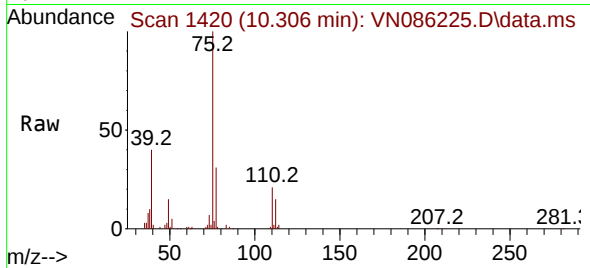
Tgt Ion: 75 Resp: 116166
Ion Ratio Lower Upper
75 100
77 31.5 27.2 40.8





#49
 cis-1,3-Dichloropropene
 Concen: 140.491 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VN086225.D
 Acq: 04 Apr 2025 11:38

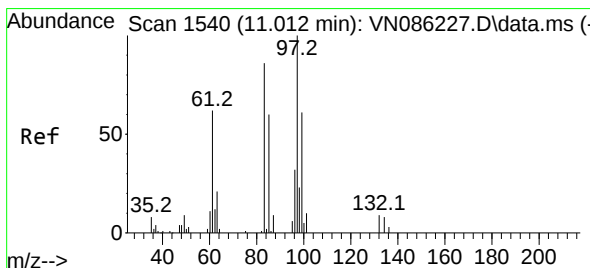
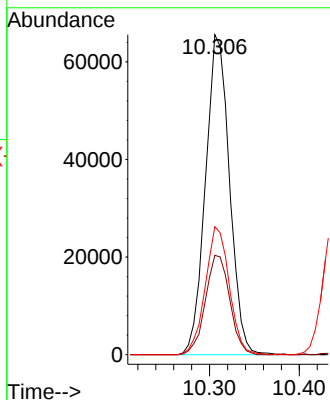
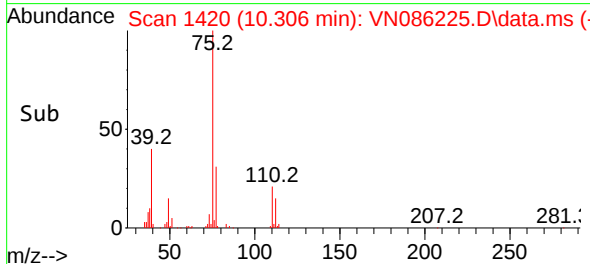
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 121875
 Ion Ratio Lower Upper
 75 100
 77 31.1 23.8 35.6
 39 40.0 31.9 47.9

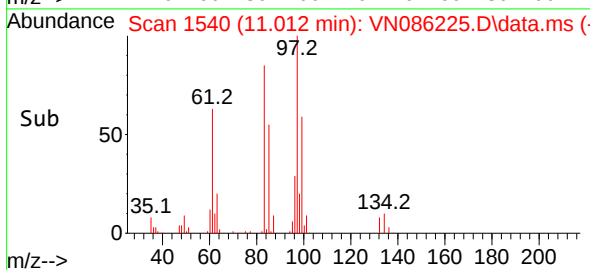
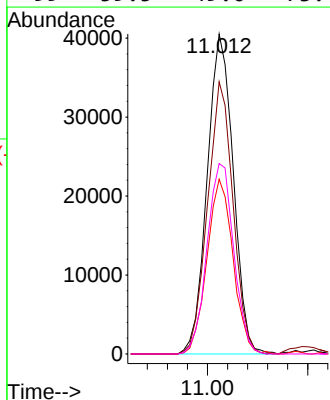
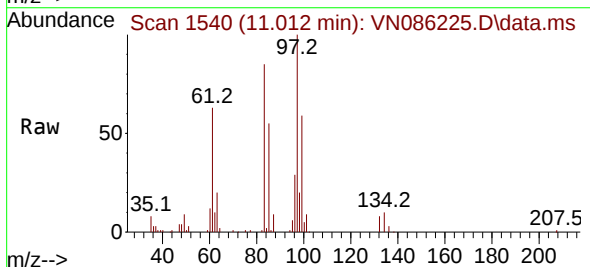
Manual Integrations
 APPROVED

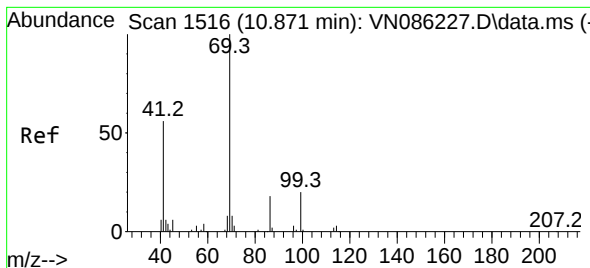
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#50
 1,1,2-Trichloroethane
 Concen: 143.988 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086225.D
 Acq: 04 Apr 2025 11:38

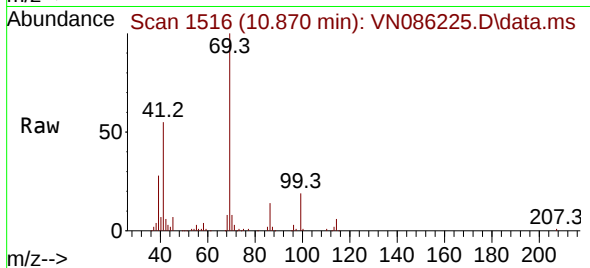
Tgt Ion: 97 Resp: 73025
 Ion Ratio Lower Upper
 97 100
 83 85.1 68.4 102.6
 85 54.6 47.7 71.5
 99 59.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 152.162 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

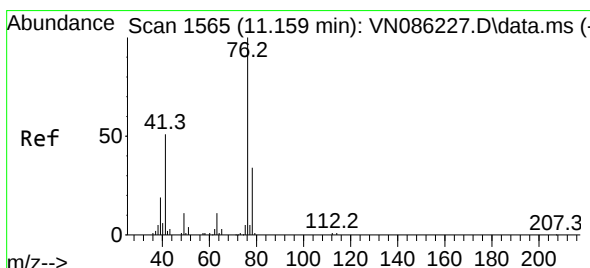
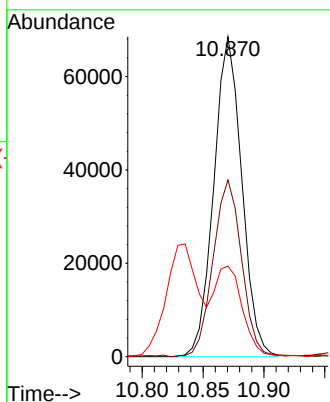
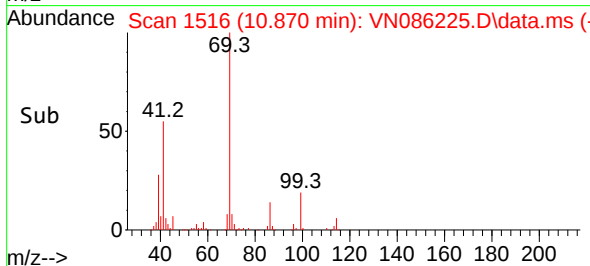
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 69 Resp: 109550
Ion Ratio Lower Upper
69 100
41 55.0 27.8 83.3
39 27.9 14.1 42.3

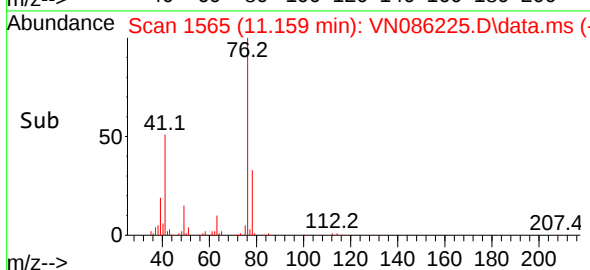
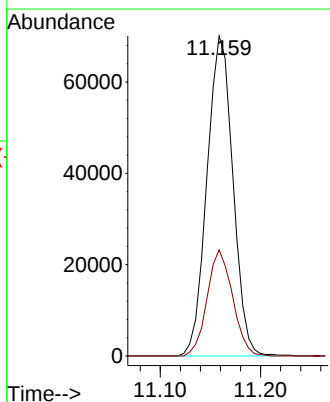
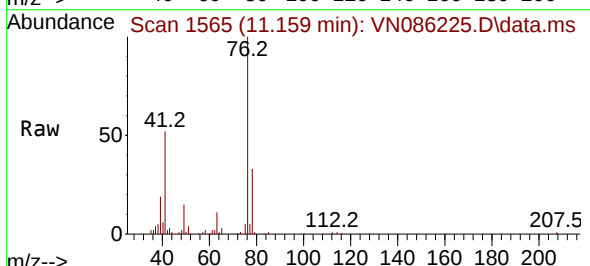
Manual Integrations
APPROVED

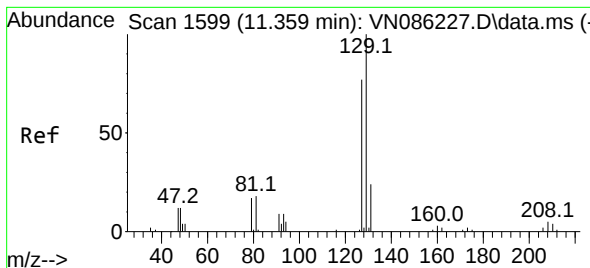
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#52
1,3-Dichloropropane
Concen: 142.371 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion: 76 Resp: 125797
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4





#53

Dibromochloromethane

Concen: 144.835 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:129 Resp: 85524

Ion Ratio Lower Upper

129 100

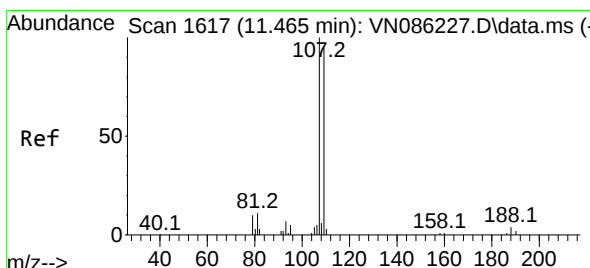
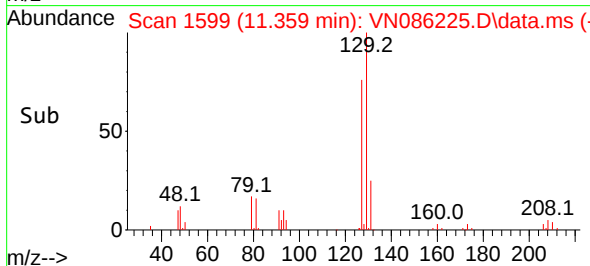
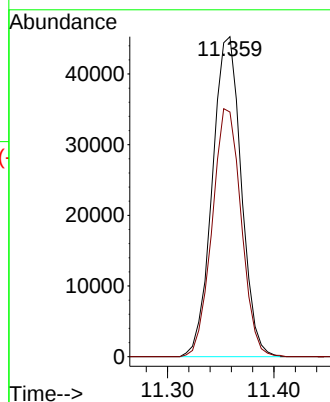
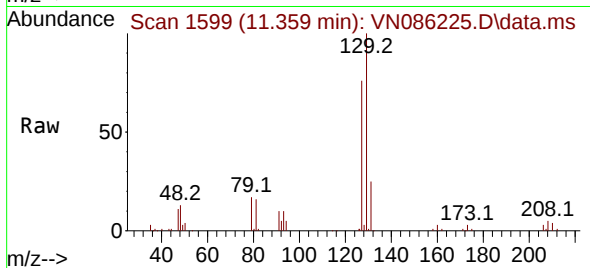
127 77.6 38.8 116.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#54

1,2-Dibromoethane

Concen: 139.132 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN086225.D

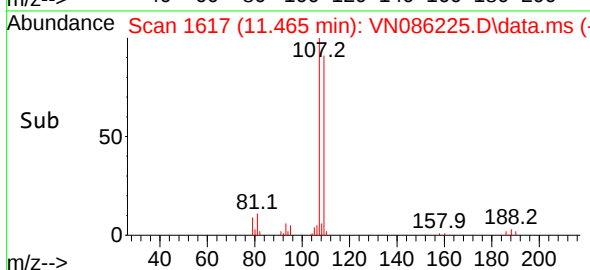
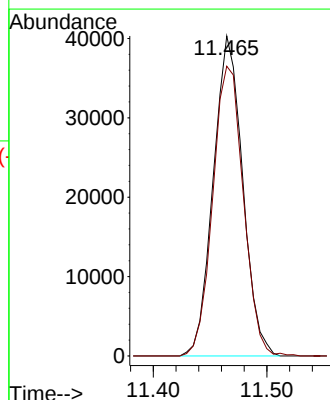
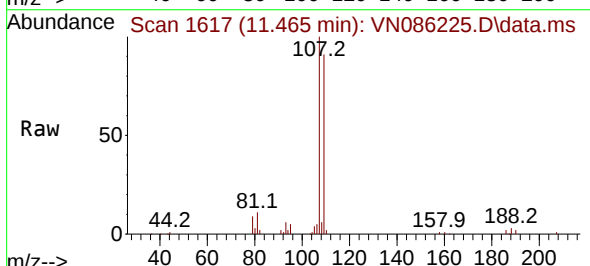
Acq: 04 Apr 2025 11:38

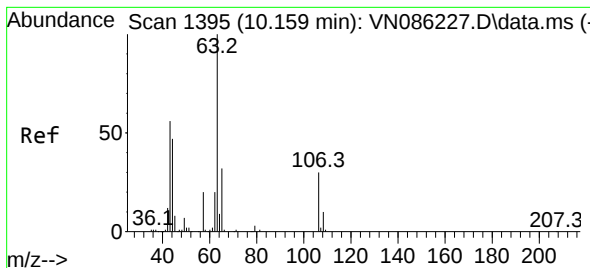
Tgt Ion:107 Resp: 72398

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4





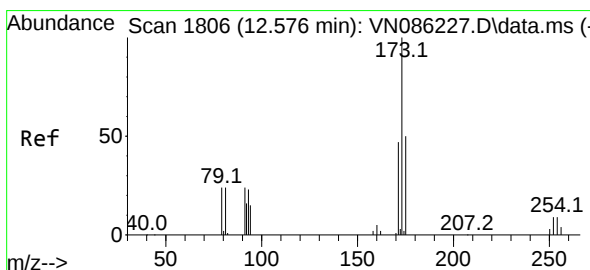
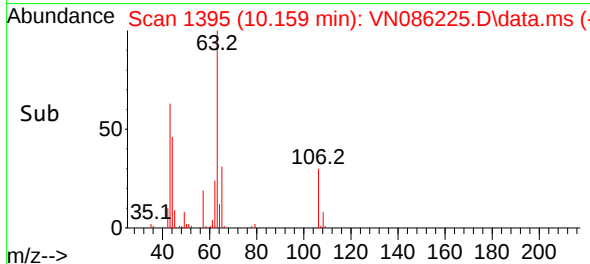
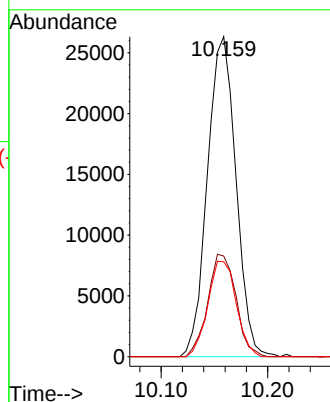
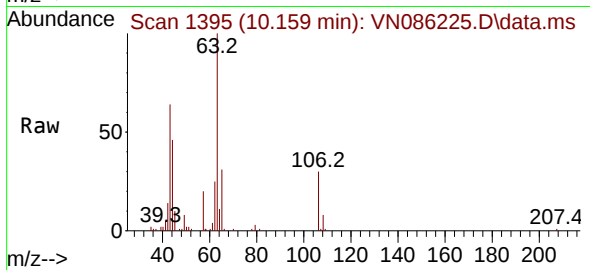
#55
2-Chloroethyl vinyl ether
Concen: 148.519 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 4903
Ion Ratio Lower Upper
63 100
65 31.5 25.7 38.5
106 29.6 23.5 35.3

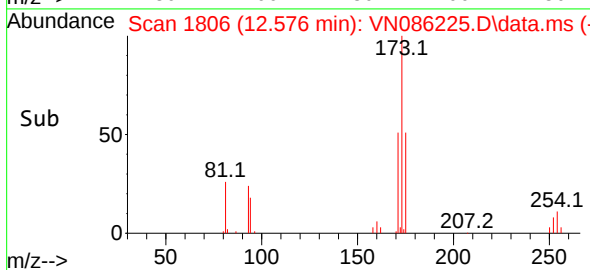
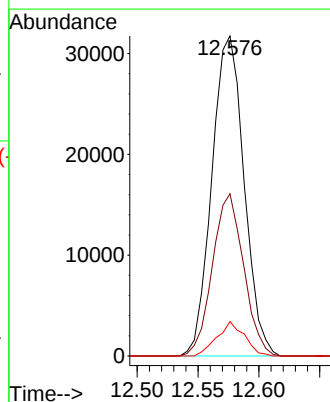
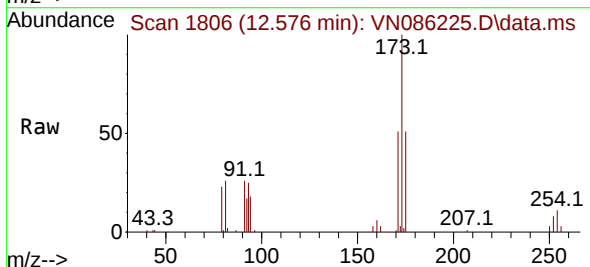
Manual Integrations
APPROVED

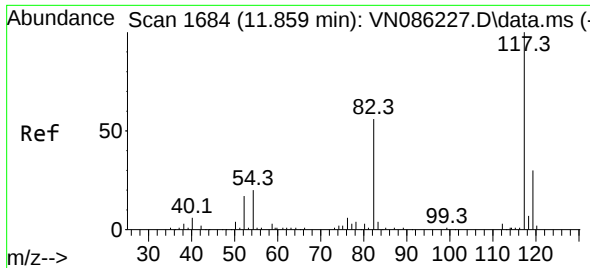
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#56
Bromoform
Concen: 146.300 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion:173 Resp: 58444
Ion Ratio Lower Upper
173 100
175 49.1 38.2 57.4
254 9.2 7.5 11.3





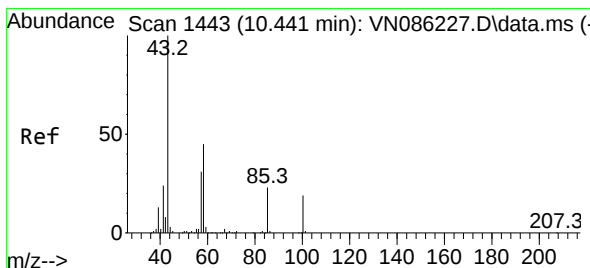
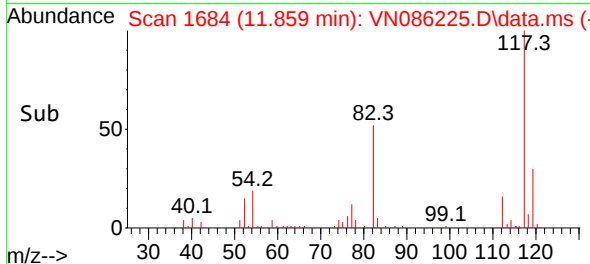
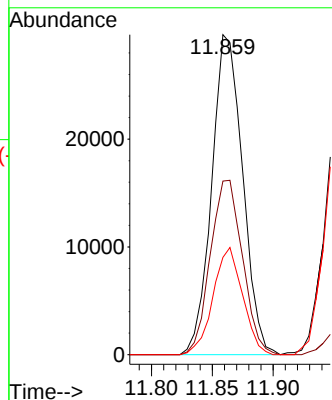
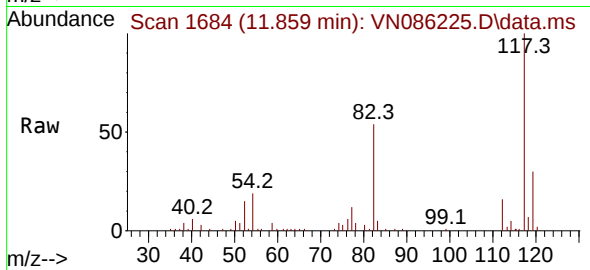
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 117 Resp: 5250
Ion Ratio Lower Upper
117 100
82 56.6 46.0 69.0
119 32.0 25.4 38.0

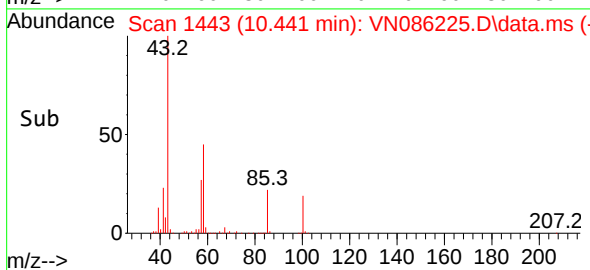
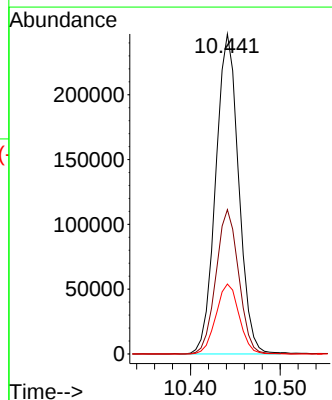
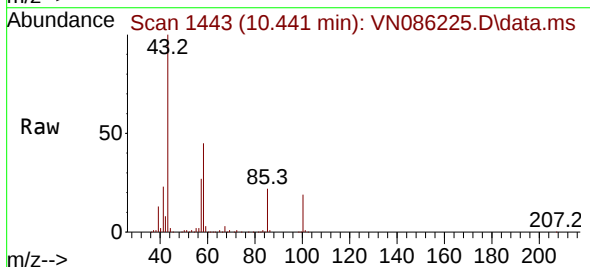
Manual Integrations
APPROVED

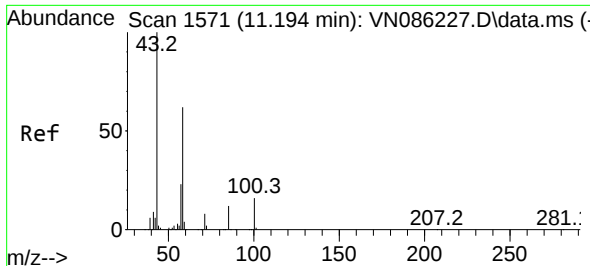
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#58
4-Methyl-2-Pentanone
Concen: 707.837 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

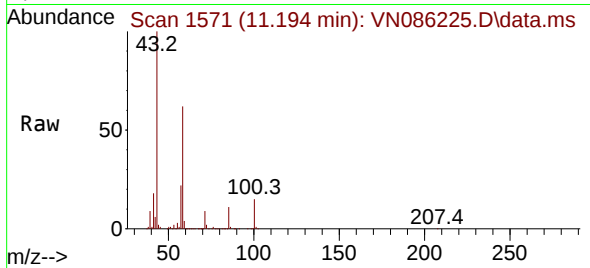
Tgt Ion: 43 Resp: 438629
Ion Ratio Lower Upper
43 100
58 44.6 35.4 53.2
85 22.1 17.6 26.4





#59
2-Hexanone
Concen: 726.160 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

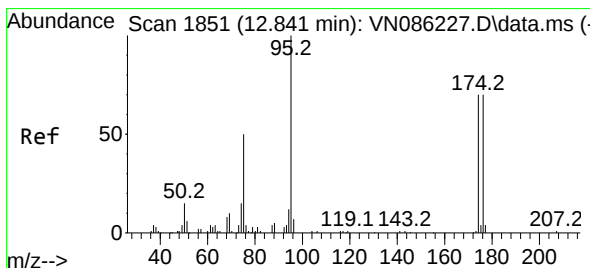
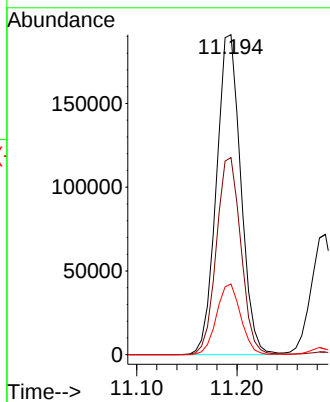
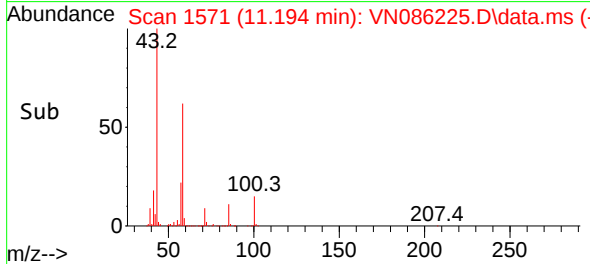
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



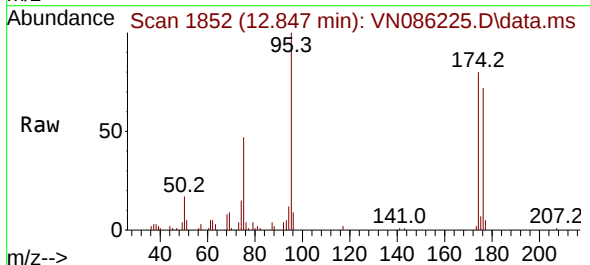
Tgt Ion: 43 Resp: 322993
Ion Ratio Lower Upper
43 100
58 61.9 48.5 72.7
57 21.8 17.7 26.5

Manual Integrations
APPROVED

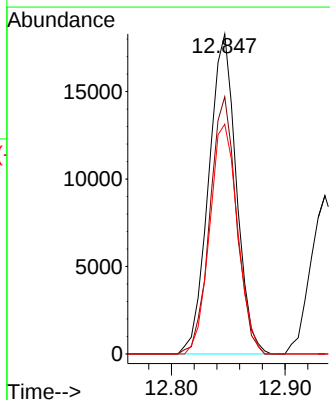
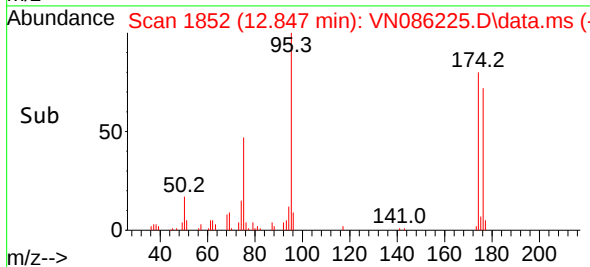
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

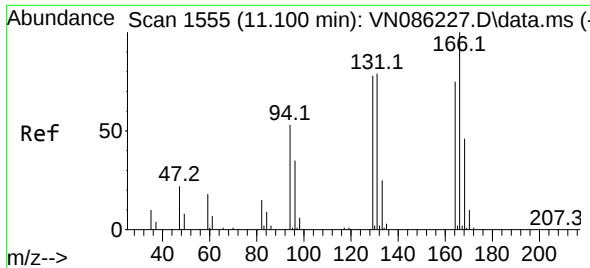


#60
4-Bromofluorobenzene
Concen: 31.542 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38



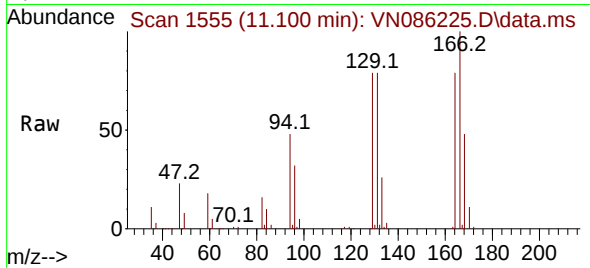
Tgt Ion: 95 Resp: 30858
Ion Ratio Lower Upper
95 100
174 77.2 59.7 89.5
176 72.7 56.8 85.2





#61
Tetrachloroethene
Concen: 139.514 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

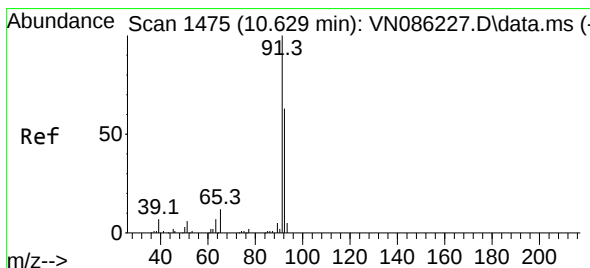
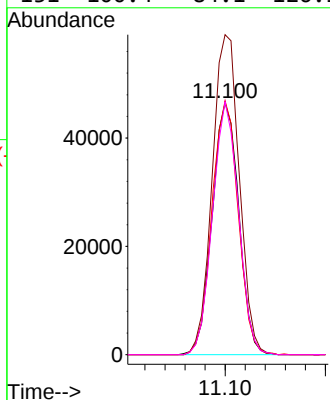
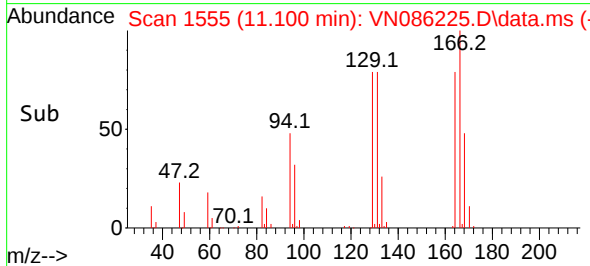
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:164 Resp: 85495
Ion Ratio Lower Upper
164 100
166 127.1 106.3 159.5
129 100.9 83.3 124.9
131 100.4 84.1 126.1

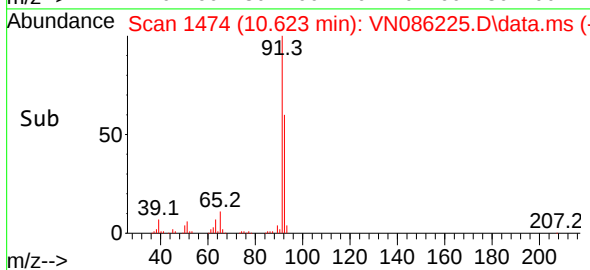
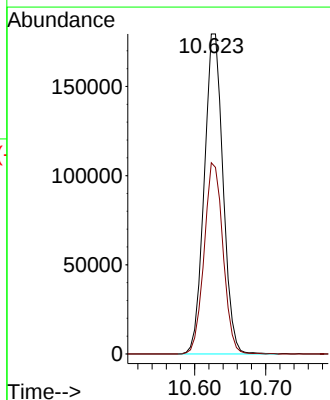
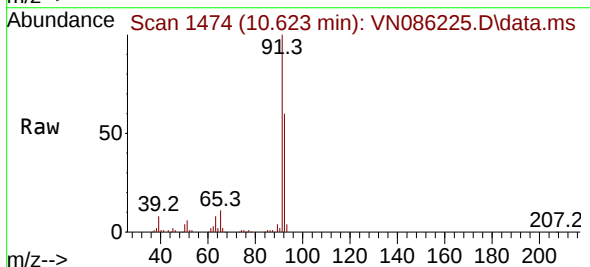
Manual Integrations
APPROVED

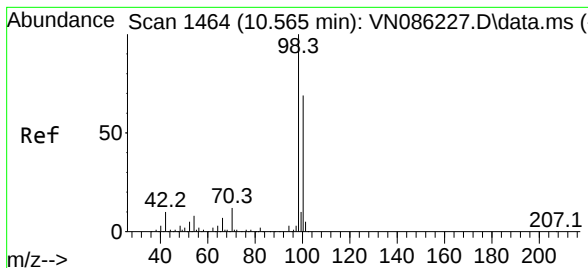
Reviewed By :John Carbone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#62
Toluene
Concen: 137.919 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion: 91 Resp: 330586
Ion Ratio Lower Upper
91 100
92 59.9 48.2 72.4





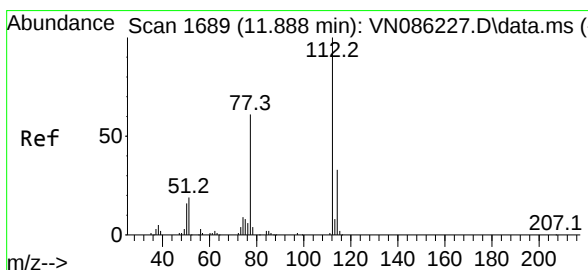
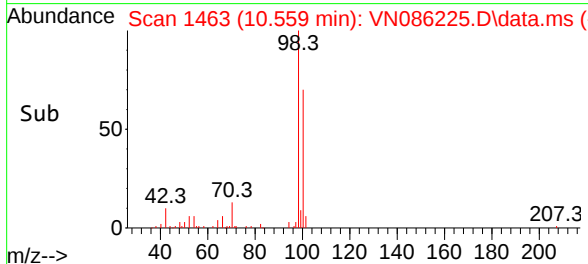
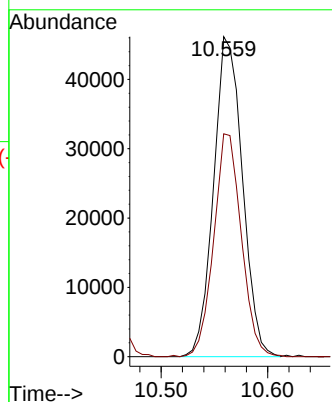
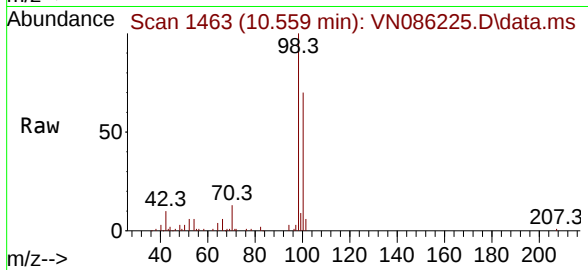
#63
Toluene-d8
Concen: 29.613 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 86742
Ion Ratio Lower Upper
98 100
100 66.7 53.9 80.9

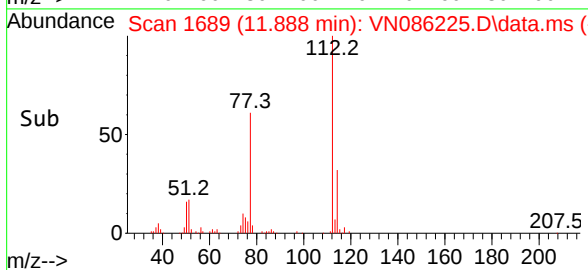
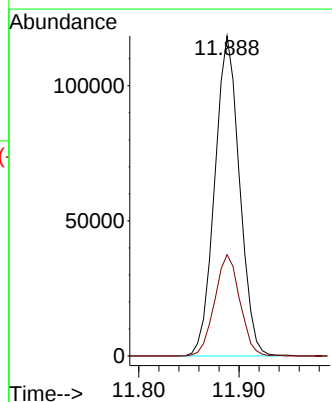
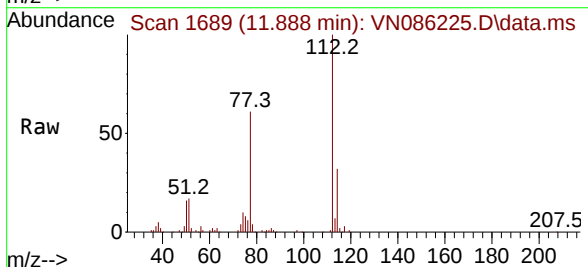
Manual Integrations
APPROVED

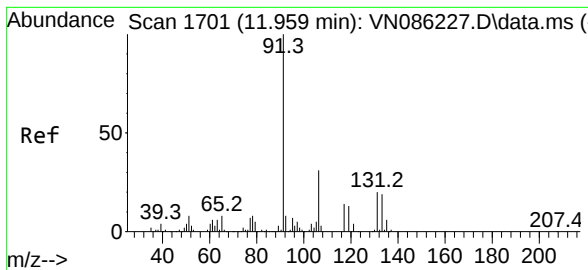
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#64
Chlorobenzene
Concen: 136.021 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion:112 Resp: 203427
Ion Ratio Lower Upper
112 100
114 31.7 26.5 39.7





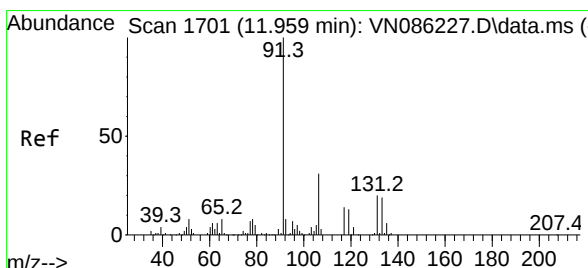
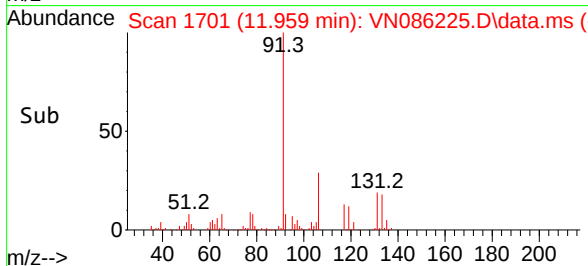
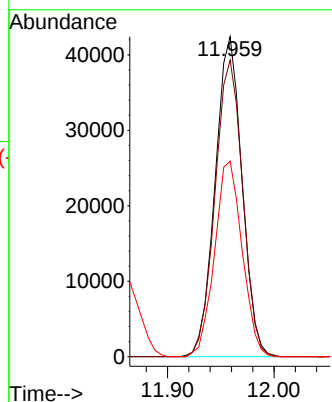
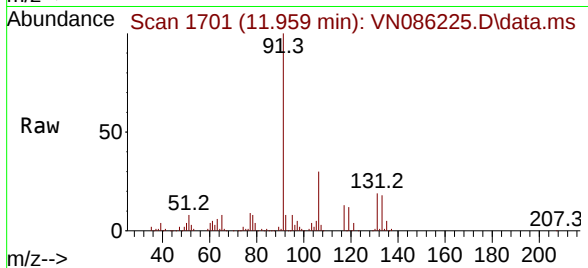
#65
1,1,1,2-Tetrachloroethane
Concen: 134.819 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:131 Resp: 7419
Ion Ratio Lower Upper
131 100
133 95.4 0.0 187.0
119 62.6 0.0 125.2

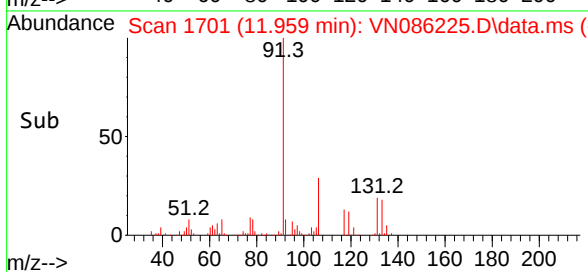
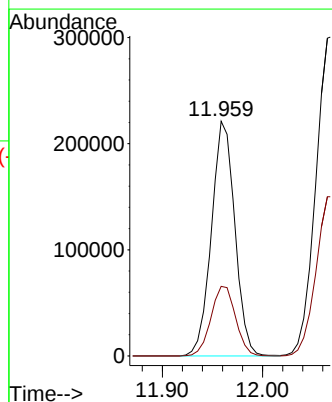
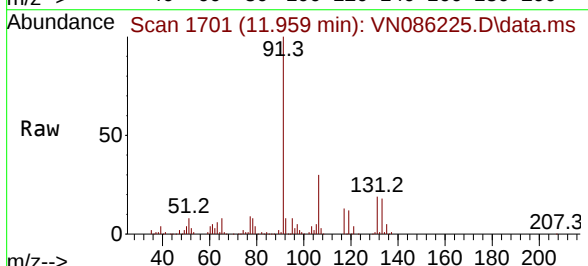
Manual Integrations
APPROVED

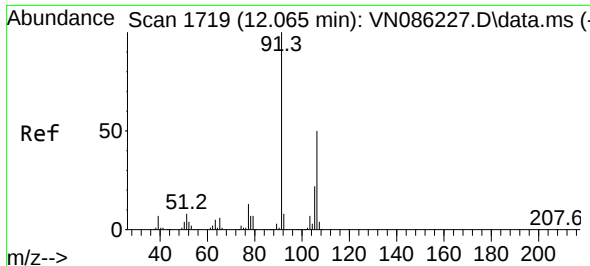
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#66
Ethyl Benzene
Concen: 144.261 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion: 91 Resp: 358816
Ion Ratio Lower Upper
91 100
106 29.7 24.7 37.1





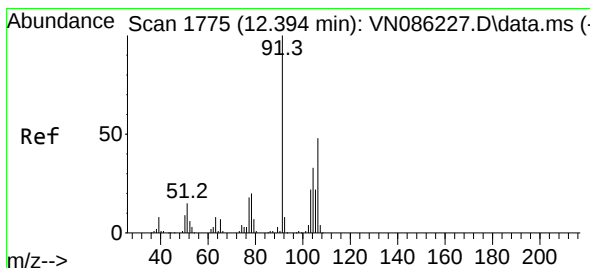
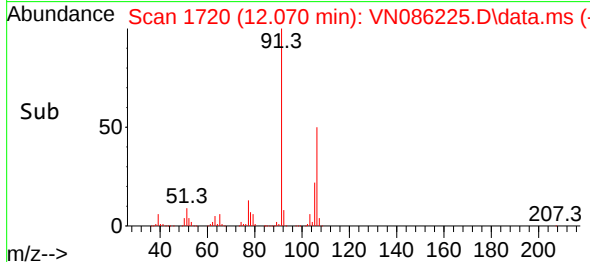
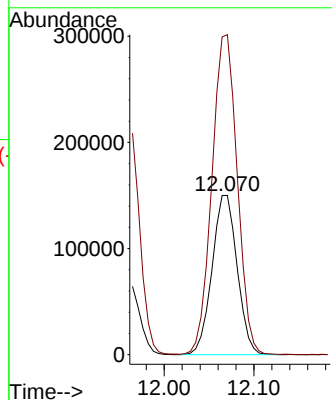
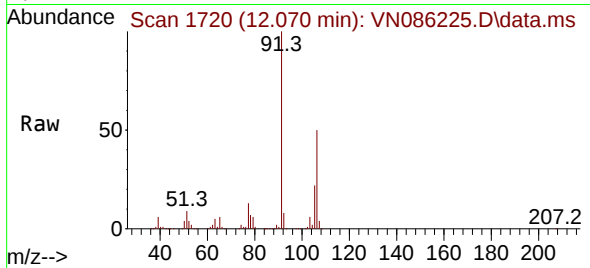
#67
m/p-Xylenes
Concen: 296.510 ug/l
RT: 12.070 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 291144
Ion Ratio Lower Upper
106 100
91 202.8 161.4 242.0

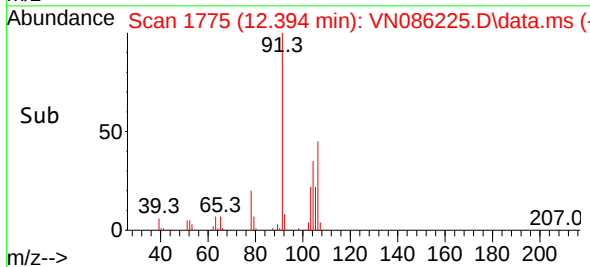
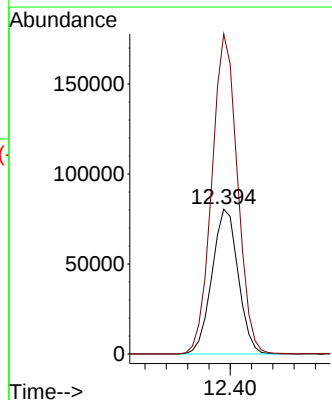
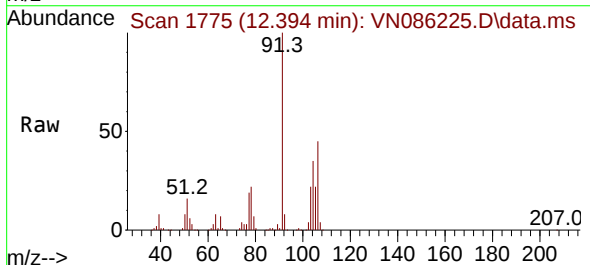
Manual Integrations
APPROVED

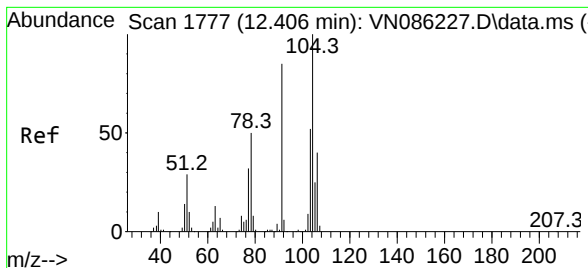
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#68
o-Xylene
Concen: 144.689 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion:106 Resp: 137138
Ion Ratio Lower Upper
106 100
91 216.3 106.1 318.1





#69

Styrene

Concen: 155.034 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

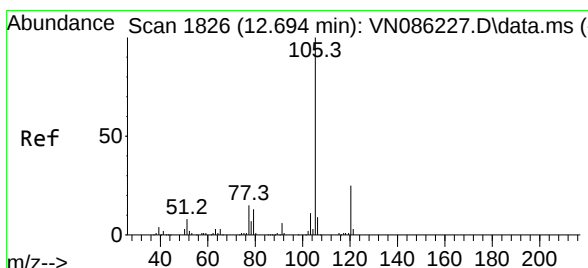
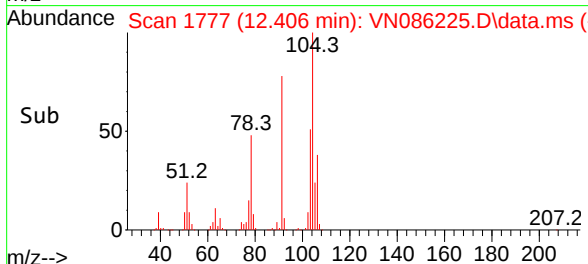
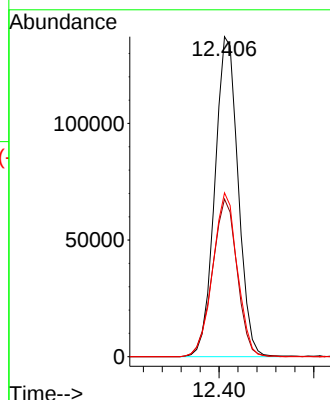
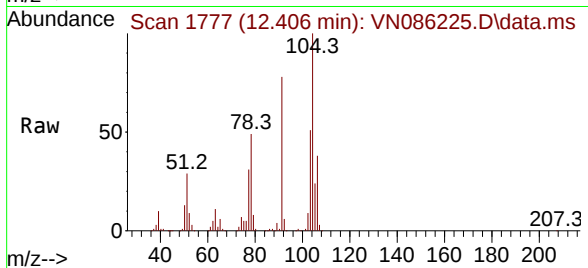
Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.1	40.9	61.3
103	53.8	42.6	63.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#70

Isopropylbenzene

Concen: 145.150 ug/l

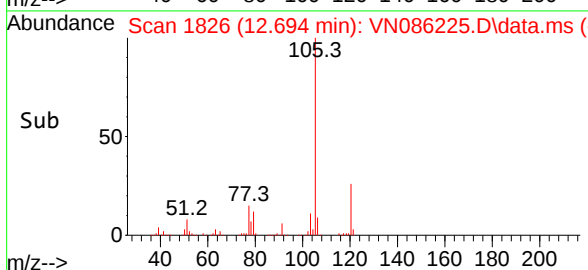
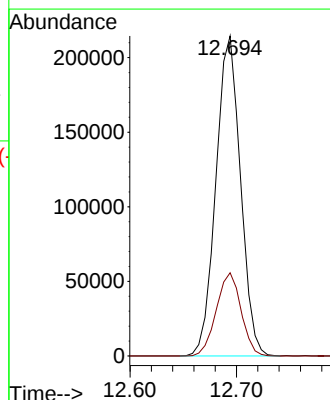
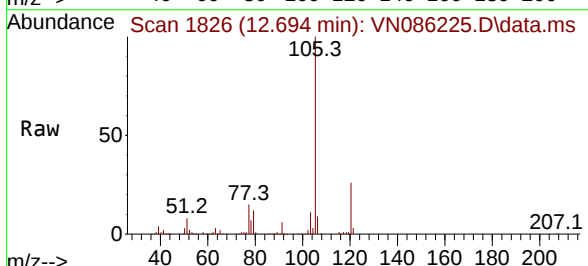
RT: 12.694 min Scan# 1826

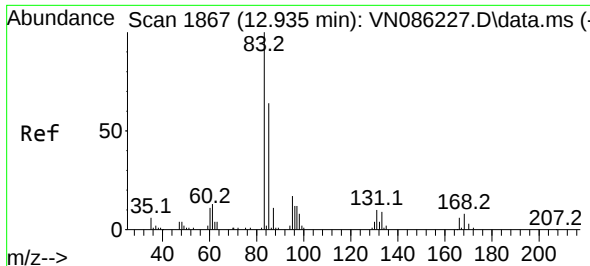
Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	18.0	33.4





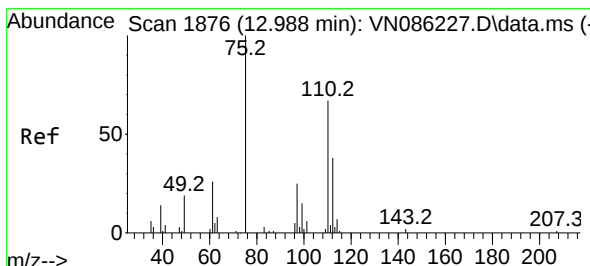
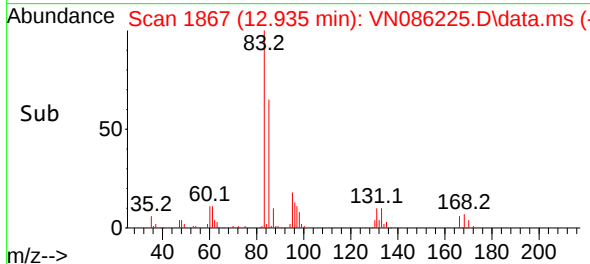
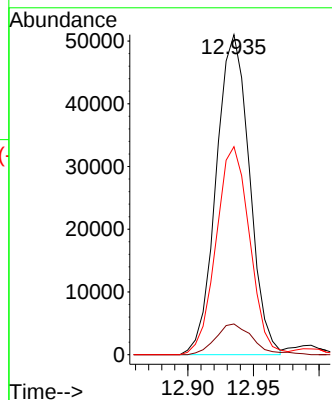
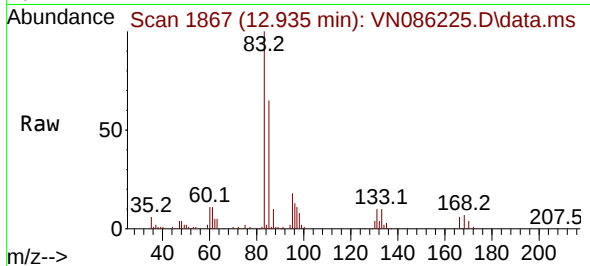
#71
1,1,2,2-Tetrachloroethane
Concen: 130.984 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 89869
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 65.6 32.6 97.8

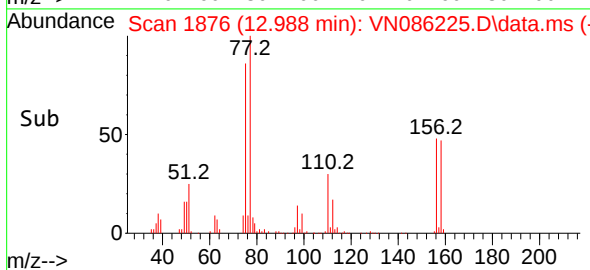
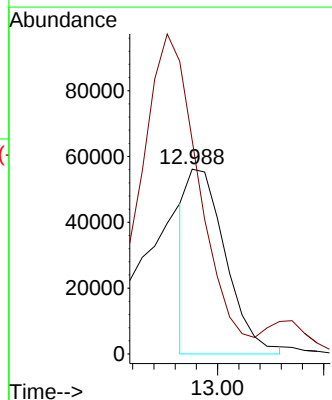
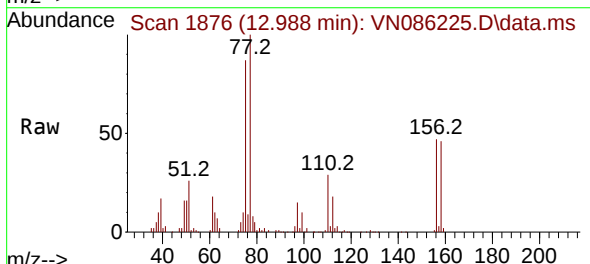
Manual Integrations
APPROVED

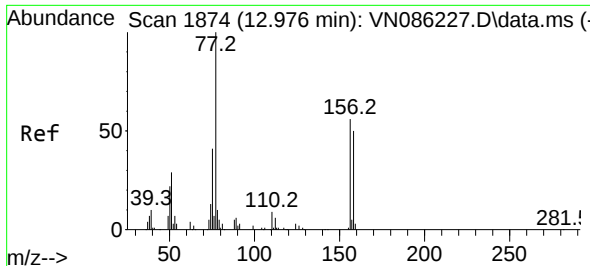
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#72
1,2,3-Trichloropropane
Concen: 106.066 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion: 75 Resp: 70262
Ion Ratio Lower Upper
75 100
77 267.7 0.0 412.2





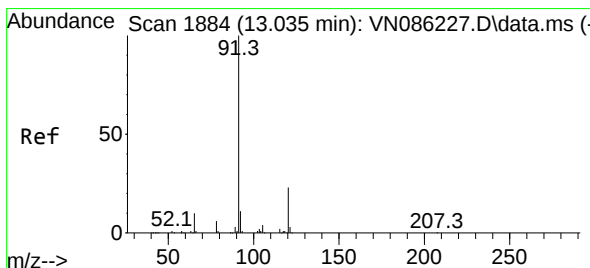
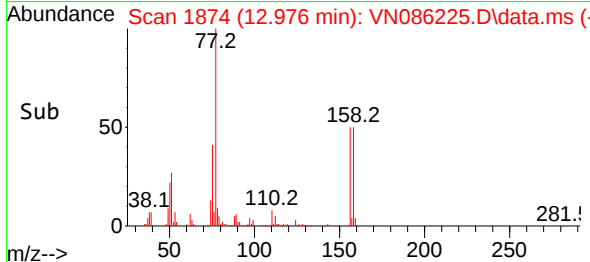
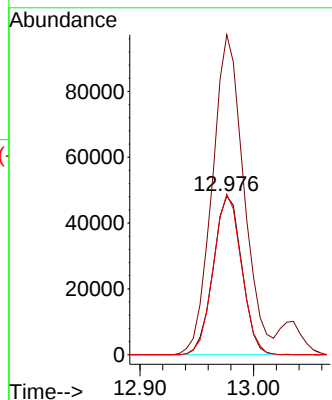
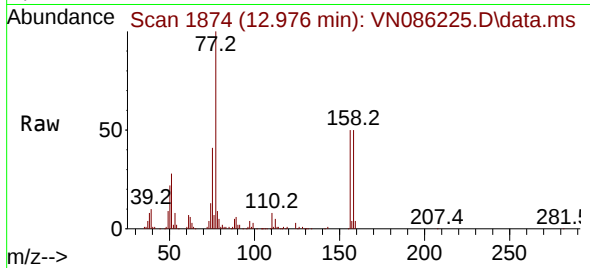
#73
Bromobenzene
Concen: 138.220 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:156 Resp: 84240
Ion Ratio Lower Upper
156 100
77 223.3 0.0 431.8
158 99.5 0.0 197.0

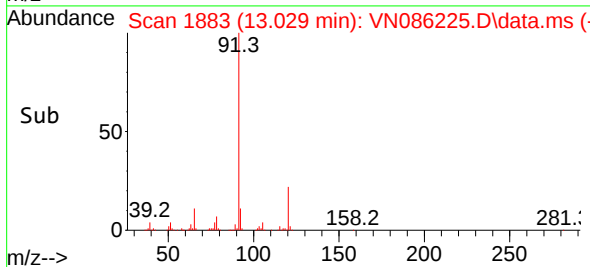
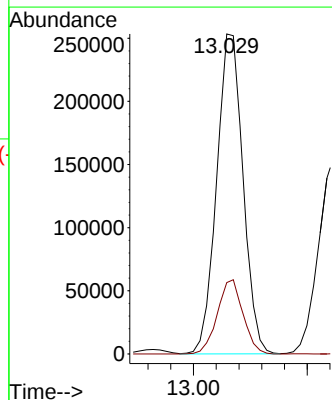
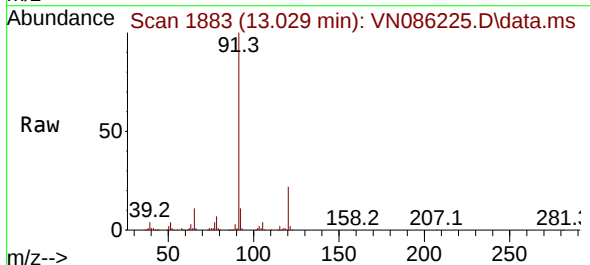
Manual Integrations
APPROVED

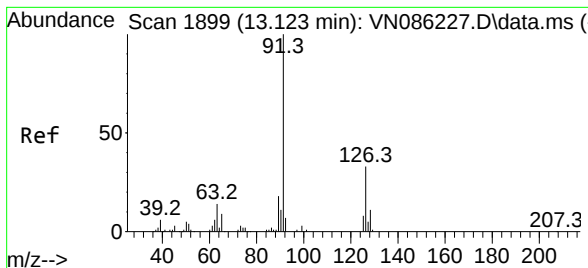
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#74
n-propylbenzene
Concen: 151.070 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion: 91 Resp: 409082
Ion Ratio Lower Upper
91 100
120 22.5 0.0 46.0





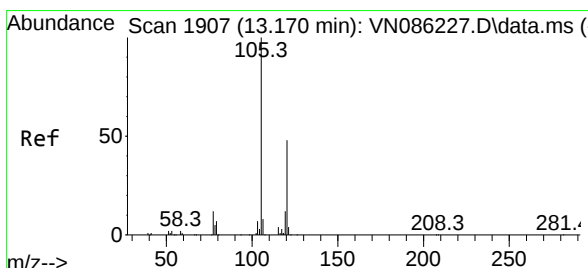
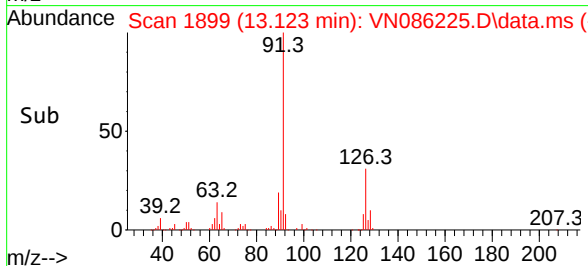
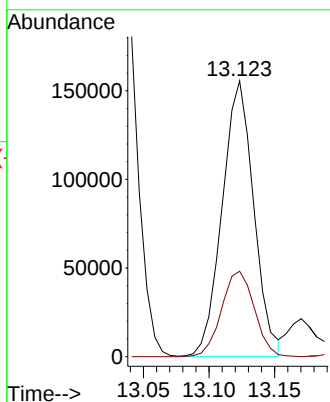
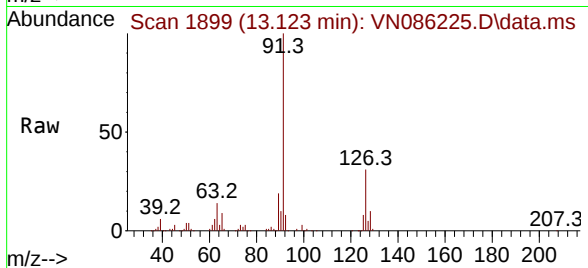
#75
2-Chlorotoluene
Concen: 144.802 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 261124
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.6

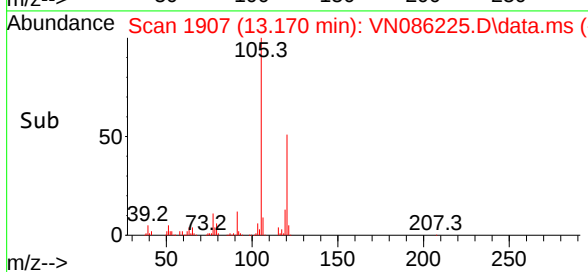
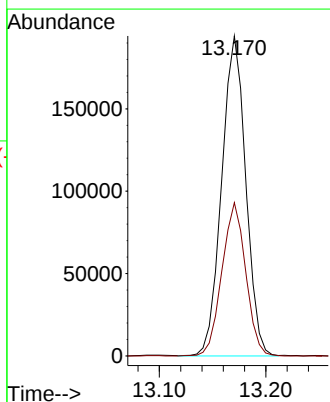
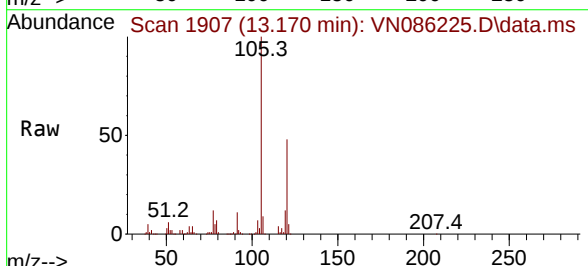
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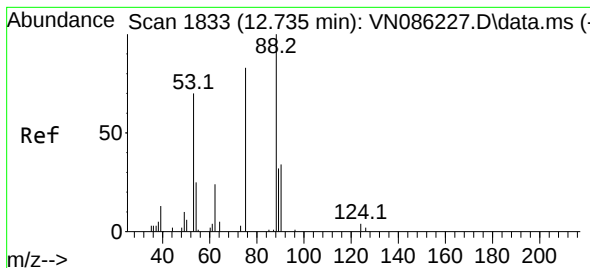
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#76
1,3,5-Trimethylbenzene
Concen: 152.711 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Tgt Ion:105 Resp: 304549
Ion Ratio Lower Upper
105 100
120 47.3 0.0 95.8





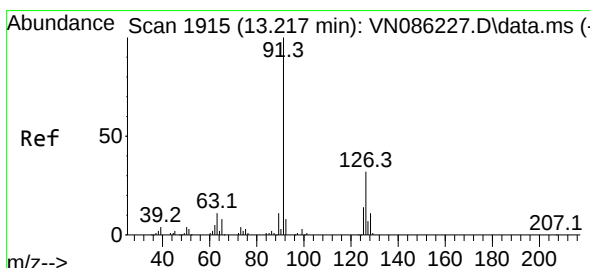
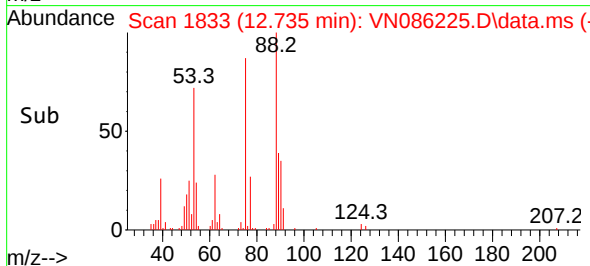
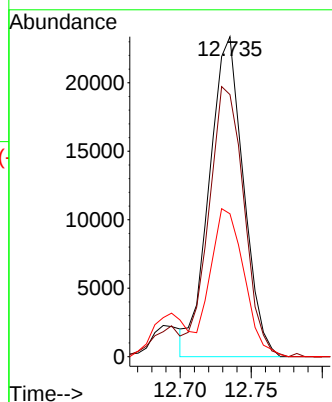
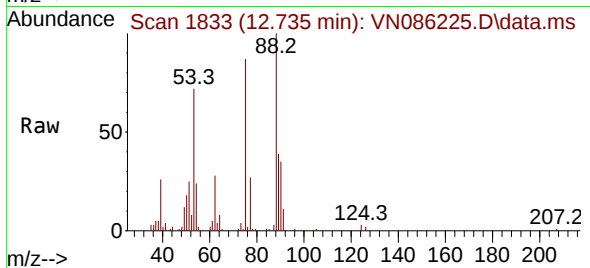
#77
t-1,4-Dichloro-2-butene
Concen: 148.373 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 3920
Ion Ratio Lower Upper
75 100
53 81.0 42.0 126.0
89 44.0 21.6 65.0

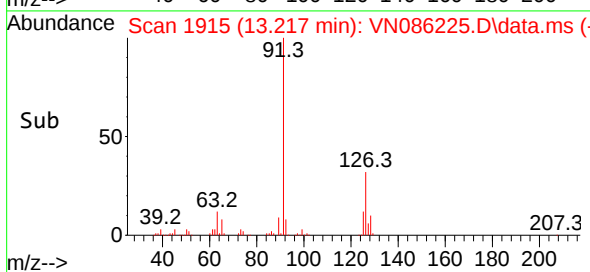
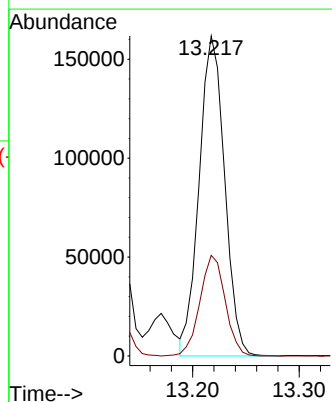
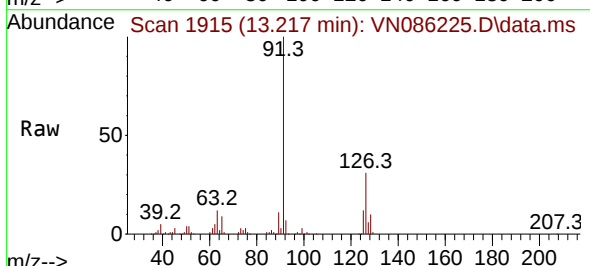
Manual Integrations
APPROVED

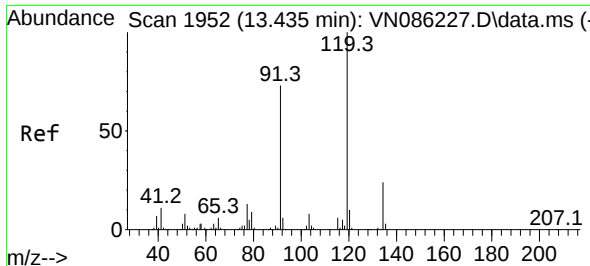
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#78
4-Chlorotoluene
Concen: 150.550 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

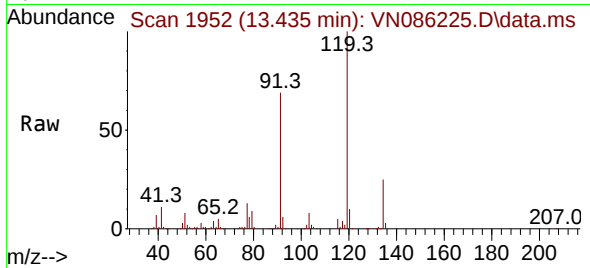
Tgt Ion: 91 Resp: 269236
Ion Ratio Lower Upper
91 100
126 31.2 0.0 64.4





#79
tert-butylbenzene
Concen: 151.840 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

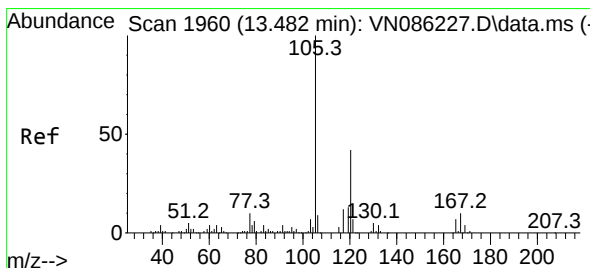
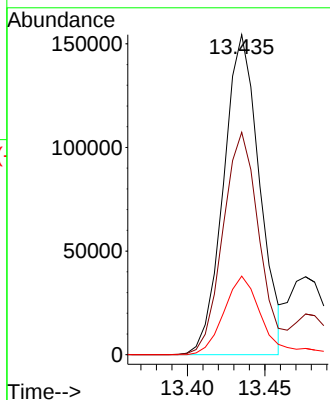
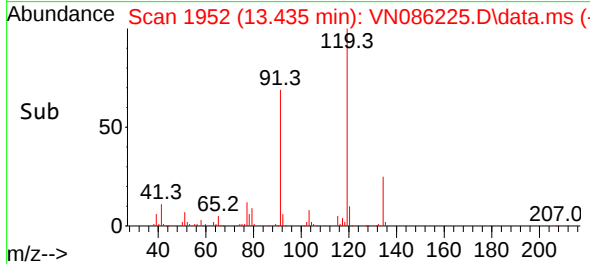
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



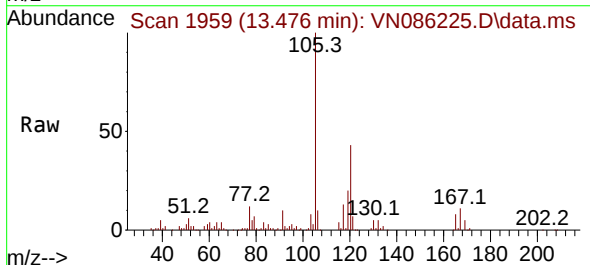
Tgt Ion:119 Resp: 249528
Ion Ratio Lower Upper
119 100
91 70.8 0.0 138.6
134 26.0 0.0 49.2

Manual Integrations
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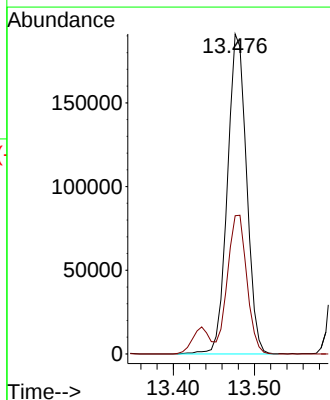
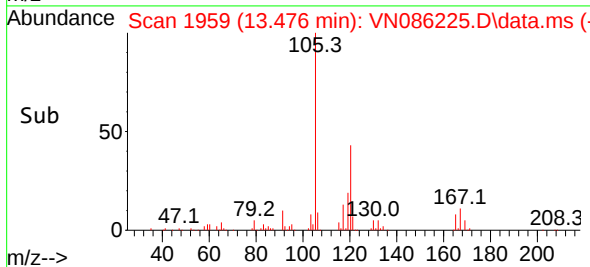
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

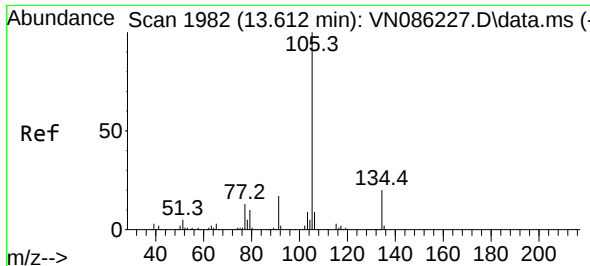


#80
1,2,4-Trimethylbenzene
Concen: 156.332 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38



Tgt Ion:105 Resp: 312823
Ion Ratio Lower Upper
105 100
120 43.6 0.0 86.6





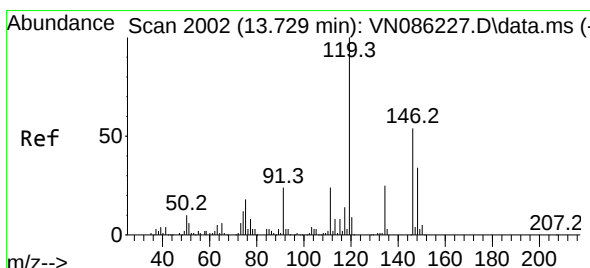
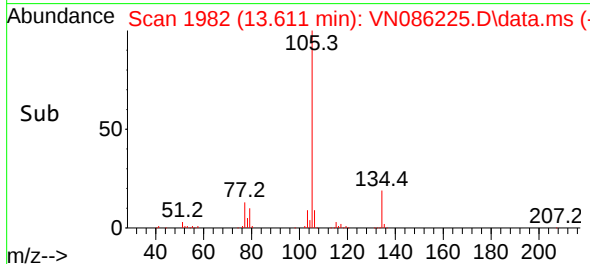
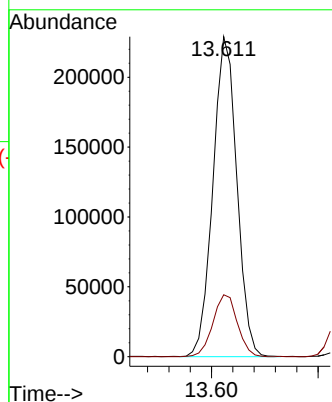
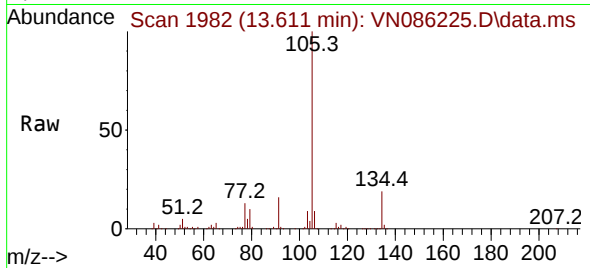
#81
 sec-Butylbenzene
 Concen: 158.250 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086225.D
 Acq: 04 Apr 2025 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 35618
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.0

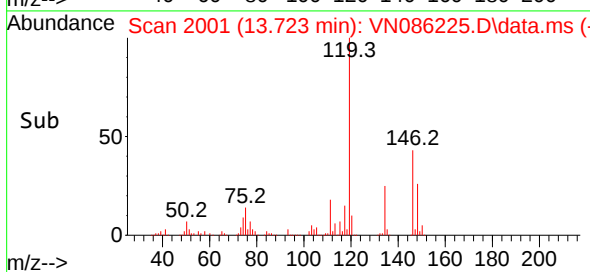
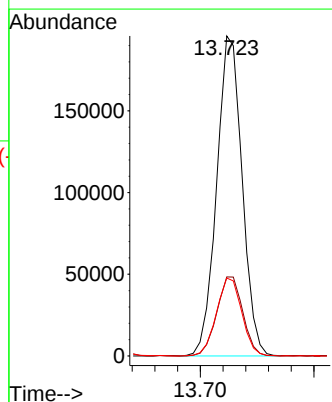
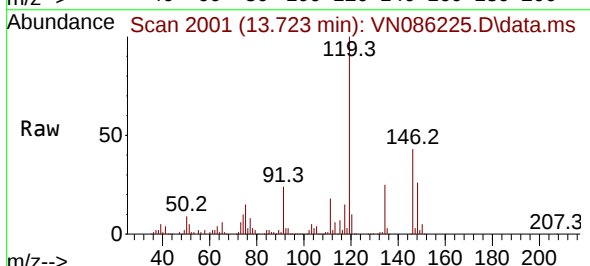
Manual Integrations
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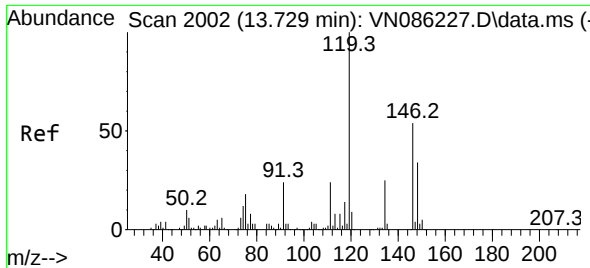
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#82
 p-Isopropyltoluene
 Concen: 165.700 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086225.D
 Acq: 04 Apr 2025 11:38

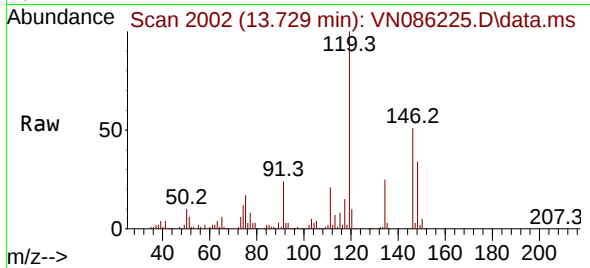
Tgt Ion:119 Resp: 305136
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.2
 91 24.3 0.0 50.4





#83
 1,3-Dichlorobenzene
 Concen: 147.270 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086225.D
 Acq: 04 Apr 2025 11:38

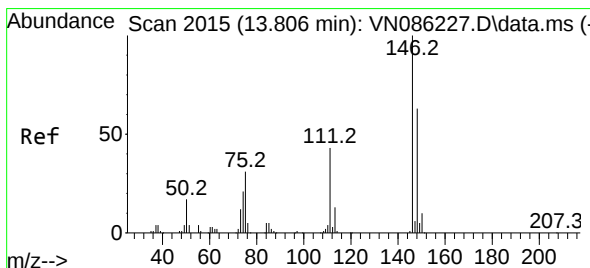
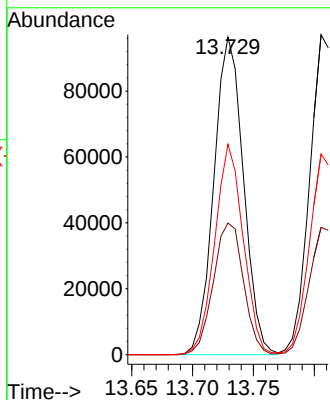
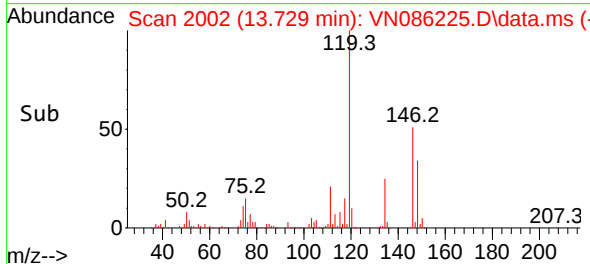
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



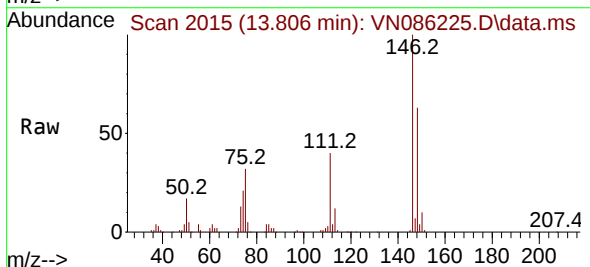
Tgt Ion:146 Resp: 163042
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.4
 148 63.8 32.3 96.8

Manual Integrations
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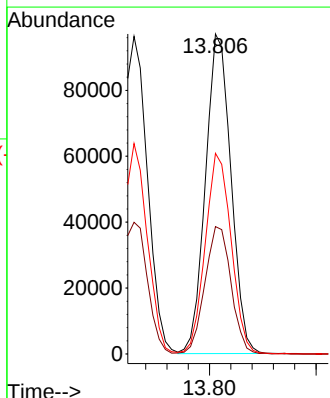
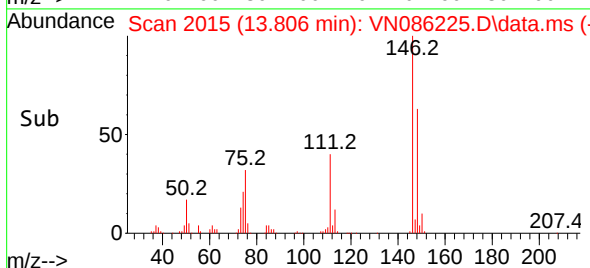
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025

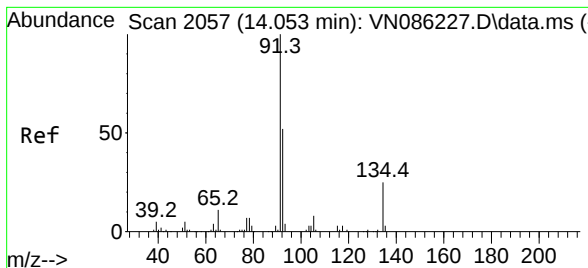


#84
 1,4-Dichlorobenzene
 Concen: 149.396 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: VN086225.D
 Acq: 04 Apr 2025 11:38



Tgt Ion:146 Resp: 161430
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 63.9 31.6 94.8





#85

n-Butylbenzene

Concen: 172.616 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

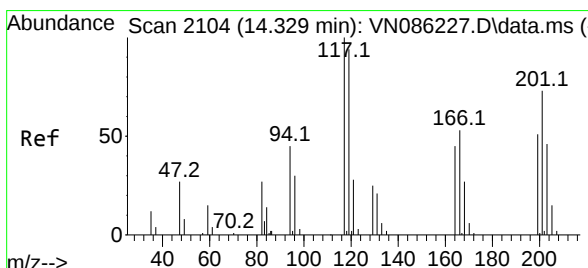
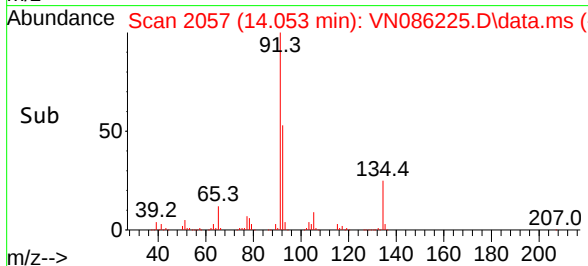
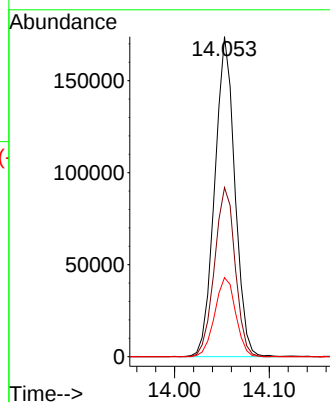
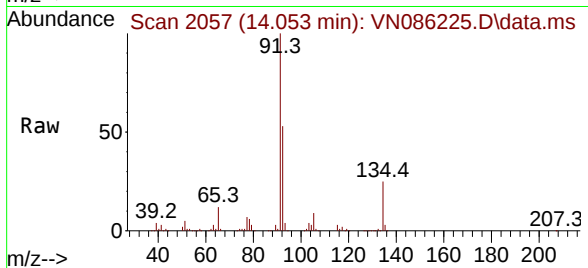
Tgt Ion:	91	Resp:	256660
Ion	Ratio	Lower	Upper
91	100		
92	54.2	0.0	106.2
134	25.7	0.0	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#86

Hexachloroethane

Concen: 147.851 ug/l

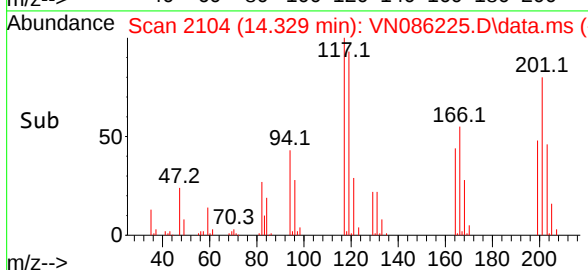
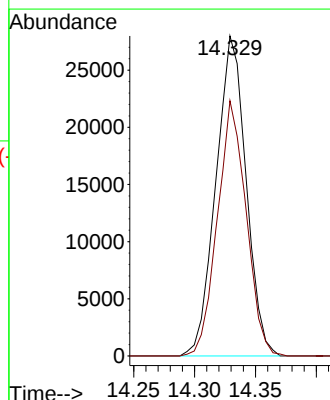
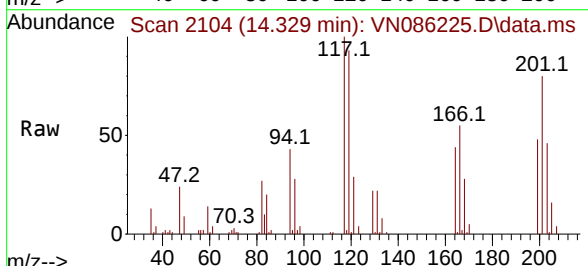
RT: 14.329 min Scan# 2104

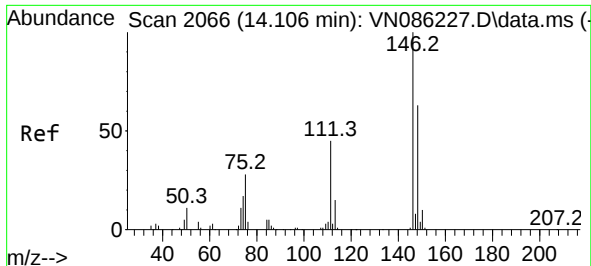
Delta R.T. -0.000 min

Lab File: VN086225.D

Acq: 04 Apr 2025 11:38

Tgt Ion:	117	Resp:	48247
Ion	Ratio	Lower	Upper
117	100		
201	75.9	36.4	109.2





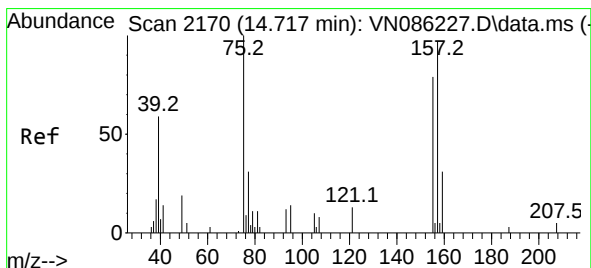
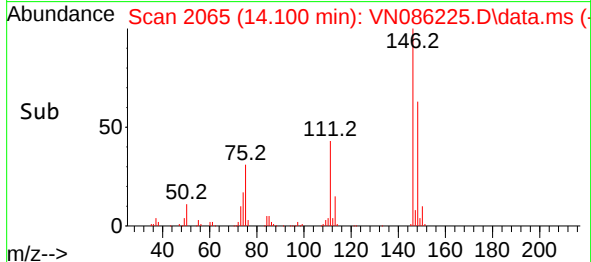
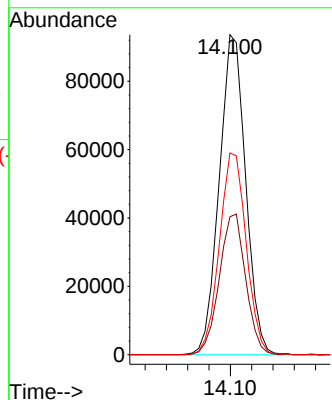
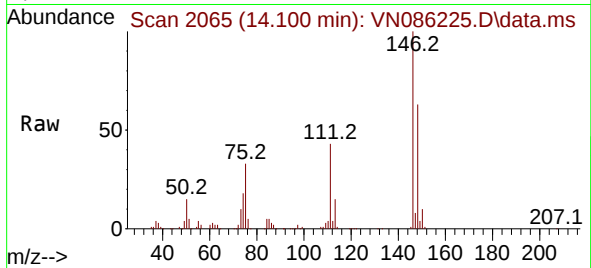
#87
1,2-Dichlorobenzene
Concen: 148.502 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 161029
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.2
148 64.1 31.8 95.3

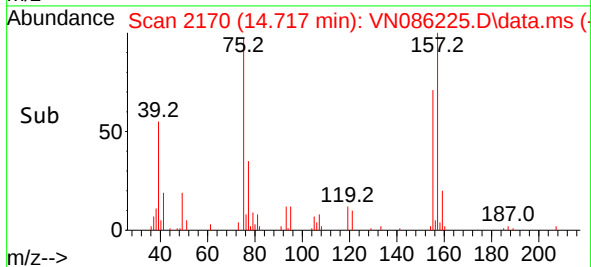
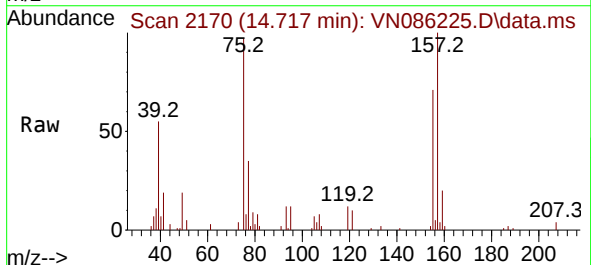
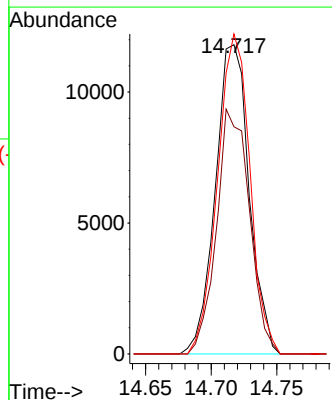
Manual Integrations
APPROVED

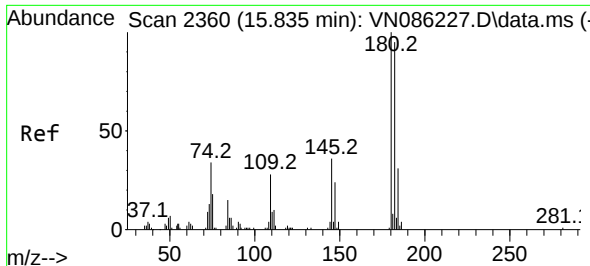
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 145.082 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

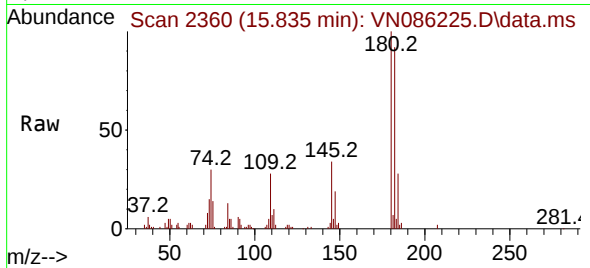
Tgt Ion: 75 Resp: 21179
Ion Ratio Lower Upper
75 100
155 76.9 63.3 94.9
157 99.0 81.3 121.9





#89
1,2,4-Trichlorobenzene
Concen: 156.443 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

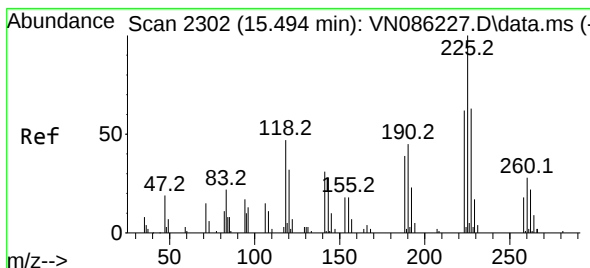
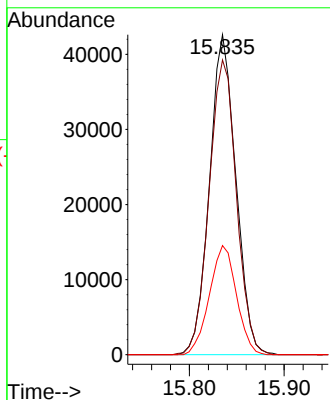
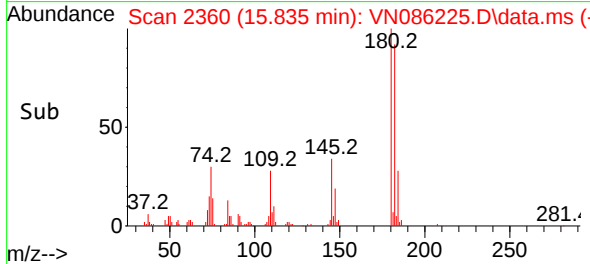
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



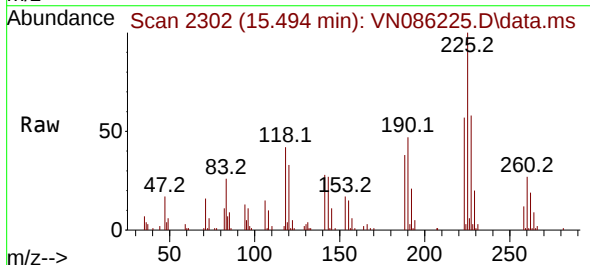
Tgt Ion:180 Resp: 82529
Ion Ratio Lower Upper
180 100
182 95.2 78.6 117.8
145 35.0 27.8 41.6

Manual Integrations
APPROVED

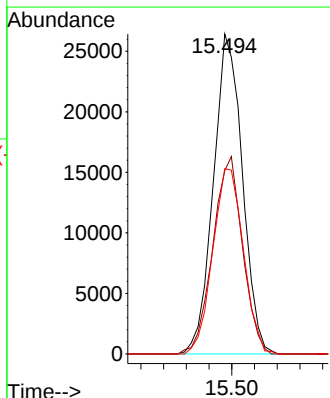
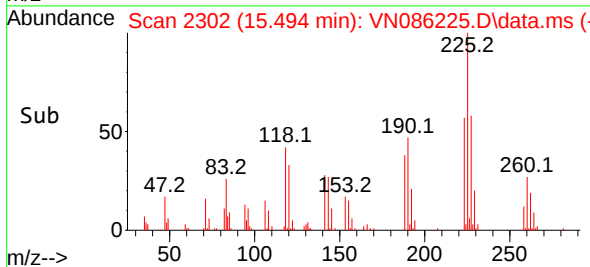
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

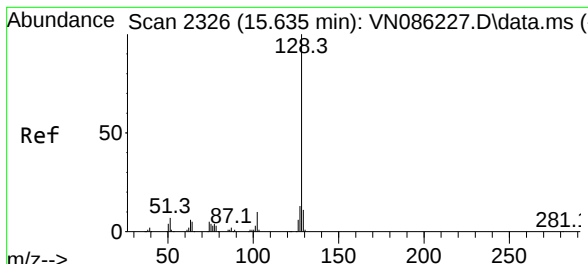


#90
Hexachlorobutadiene
Concen: 161.985 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38



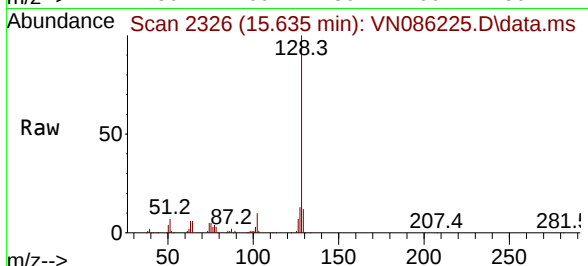
Tgt Ion:225 Resp: 46843
Ion Ratio Lower Upper
225 100
223 63.1 0.0 126.2
227 61.3 0.0 124.6





#91
Naphthalene
Concen: 153.108 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38

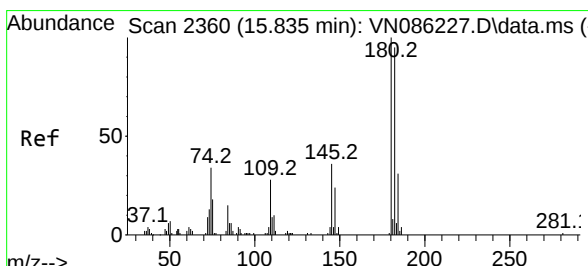
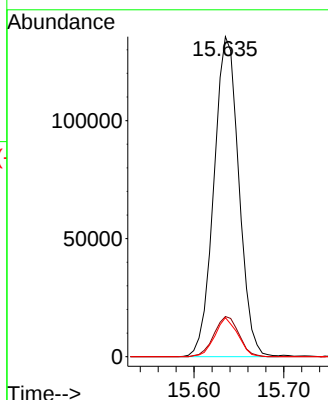
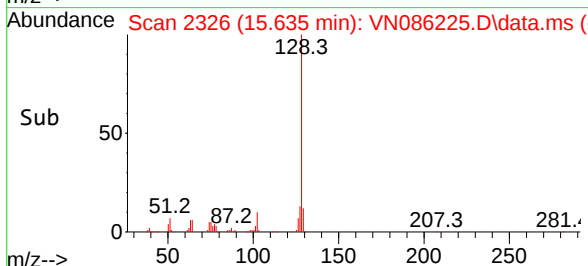
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



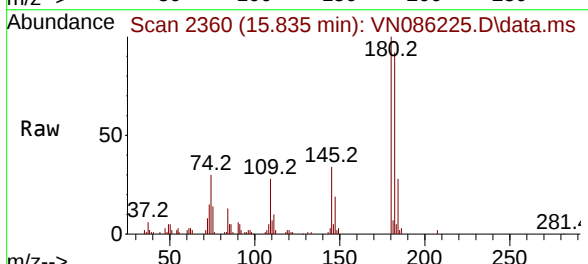
Tgt Ion:128 Resp: 26177
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.2 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#92
1,2,3-Trichlorobenzene
Concen: 156.443 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086225.D
Acq: 04 Apr 2025 11:38



Tgt Ion:180 Resp: 82529
Ion Ratio Lower Upper
180 100
182 95.2 0.0 196.4
145 35.0 0.0 69.4

