

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040425\
 Data File : VN086227.D
 Acq On : 04 Apr 2025 12:26
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Apr 04 23:45:42 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

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

Internal Standards						
1) Bromochloromethane	7.812	128	28268	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	156838	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	146966	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83097	29.290	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.633%		
60) 4-Bromofluorobenzene	12.841	95	86738	31.676	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	105.600%		
63) Toluene-d8	10.565	98	246122	30.020	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.067%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62670	32.716	ug/l	100
3) Chloromethane	2.359	50	61316	29.468	ug/l	100
4) Vinyl Chloride	2.518	62	60178	31.054	ug/l	100
5) Bromomethane	2.965	94	30885	30.731	ug/l	100
6) Chloroethane	3.124	64	35817	30.971	ug/l	100
7) Trichlorofluoromethane	3.500	101	81487	31.413	ug/l	100
8) Diethyl Ether	3.965	74	26747	30.937	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	44625	30.929	ug/l	100
10) 1,1-Dichloroethene	4.347	96	44468	31.576	ug/l	100
11) Methyl Iodide	4.589	142	54670	30.265	ug/l	100
12) Methyl Acetate	5.024	43	50845	27.324	ug/l	100
13) Acrolein	4.177	56	35948	176.861	ug/l	100
14) Acrylonitrile	5.718	53	109537	151.007	ug/l	100
15) Acetone	4.424	58	31262	138.149	ug/l	100
16) Carbon Disulfide	4.718	76	130810	28.996	ug/l	100
17) Allyl chloride	5.024	41	59189	30.216	ug/l	100
18) Methylene Chloride	5.277	84	50289	29.783	ug/l	100
19) trans-1,2-Dichloroethene	5.783	96	47381	31.154	ug/l	100
20) Diisopropyl ether	6.665	45	132361	32.188	ug/l	100
21) 1,1-Dichloroethane	6.565	63	86765	30.957	ug/l	100
22) cis-1,2-Dichloroethene	7.483	96	56953	31.574	ug/l	100
23) tert-Butyl Alcohol	5.518	59	42914m	162.014	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	152460	33.143	ug/l	100
25) Chloroform	7.965	83	91425	31.085	ug/l	100
26) Cyclohexane	8.253	56	69098	30.628	ug/l #	100
29) 1,1-Dichloropropene	8.365	75	64589	32.818	ug/l	100
30) 2-Butanone	7.483	43	134612	155.584	ug/l	100
31) 2,2-Dichloropropane	7.488	77	80104	33.033	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	85837	32.252	ug/l	100
33) Carbon Tetrachloride	8.359	117	72612	31.989	ug/l	100
34) Benzene	8.606	78	203238	31.101	ug/l	100
35) Methacrylonitrile	7.771	41	28638	29.645	ug/l	100
36) 1,2-Dichloroethane	8.665	62	67310	31.013	ug/l	100
37) Trichloroethene	9.353	130	50468	32.247	ug/l	100
38) Methylcyclohexane	9.600	83	65407	31.673	ug/l	100
39) 1,2-Dichloropropane	9.618	63	47429	31.322	ug/l	100
40) Dibromomethane	9.706	93	34979	31.305	ug/l	100
41) Bromodichloromethane	9.888	83	70586	31.451	ug/l	100
42) Vinyl Acetate	6.600	43	485139	157.346	ug/l	100

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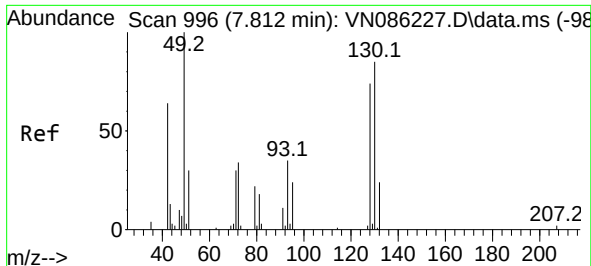
Manual Integrations
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 Supervised By : Mahesh Dadoda 04/07/2025

Quant Time: Apr 04 23:45:42 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	56291	31.643	ug/l	100
44) Isopropyl Acetate	8.682	43	91735	28.569	ug/l	100
45) 1,4-Dioxane	9.688	88	19475	661.610	ug/l	100
46) Methyl methacrylate	9.677	41	42259	32.131	ug/l	100
47) n-amyl Acetate	12.488	43	72413	33.006	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	73789	31.906	ug/l	100
49) cis-1,3-Dichloropropene	10.306	75	78823	31.545	ug/l	100
50) 1,1,2-Trichloroethane	11.012	97	46137	31.582	ug/l	100
51) Ethyl methacrylate	10.871	69	70913	34.193	ug/l	100
52) 1,3-Dichloropropane	11.159	76	79979	31.424	ug/l	100
53) Dibromochloromethane	11.359	129	54180	31.854	ug/l	100
54) 1,2-Dibromoethane	11.465	107	46663	31.132	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	171727	180.581	ug/l	100
56) Bromoform	12.576	173	37360	32.468	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	280611	161.786	ug/l	100
59) 2-Hexanone	11.194	43	204078	163.921	ug/l	100
61) Tetrachloroethene	11.100	164	53694	31.304	ug/l	100
62) Toluene	10.629	91	212924	31.737	ug/l	100
64) Chlorobenzene	11.888	112	131687	31.459	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	48373	31.403	ug/l	100
66) Ethyl Benzene	11.959	91	227993	32.749	ug/l	100
67) m/p-Xylenes	12.065	106	184871	67.267	ug/l	100
68) o-Xylene	12.394	106	88264	33.271	ug/l	100
69) Styrene	12.406	104	143922	34.021	ug/l	100
70) Isopropylbenzene	12.694	105	218173	32.953	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	60087	31.289	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	56266m	30.346	ug/l	
73) Bromobenzene	12.976	156	53717	31.487	ug/l	100
74) n-propylbenzene	13.035	91	248664	32.808	ug/l	100
75) 2-Chlorotoluene	13.123	91	163715	32.435	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	185904	33.304	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	23424	31.674	ug/l	100
78) 4-Chlorotoluene	13.217	91	163587	32.681	ug/l	100
79) tert-butylbenzene	13.435	119	149500	32.502	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	190608	34.032	ug/l	100
81) sec-Butylbenzene	13.612	105	211055	33.501	ug/l	100
82) p-Isopropyltoluene	13.729	119	176855	34.312	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	100916	32.567	ug/l	100
84) 1,4-Dichlorobenzene	13.806	146	98978	32.726	ug/l	100
85) n-Butylbenzene	14.053	91	143399	34.456	ug/l	100
86) Hexachloroethane	14.329	117	29090	31.849	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	98417	32.426	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	13045	31.927	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	47414	32.111	ug/l	100
90) Hexachlorobutadiene	15.494	225	25656	31.697	ug/l	100
91) Naphthalene	15.635	128	157657	32.945	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	47414	32.111	ug/l	100

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



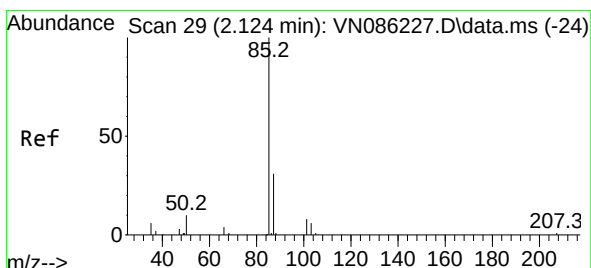
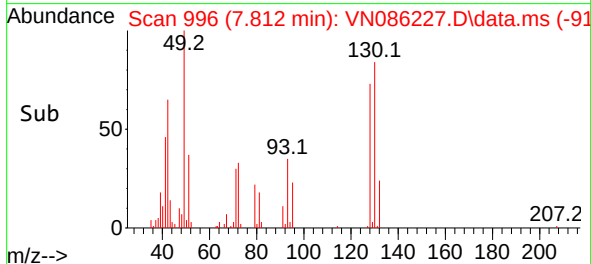
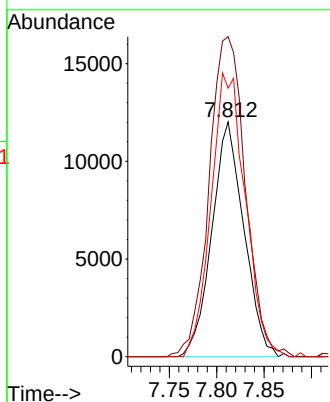
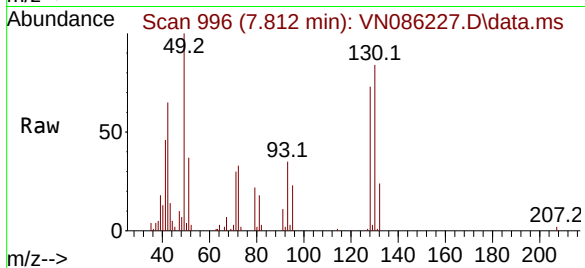
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 2826
Ion Ratio Lower Upper
128 100
49 153.8 0.0 384.5
130 129.7 0.0 324.3

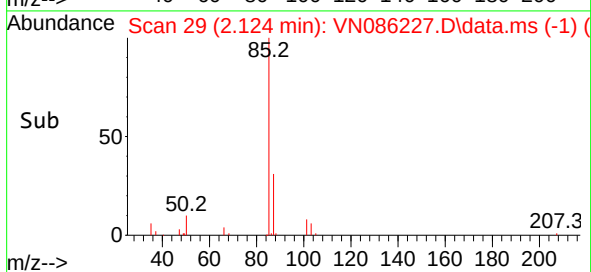
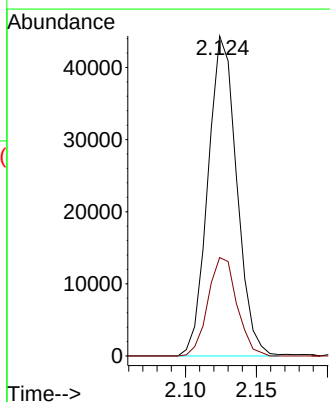
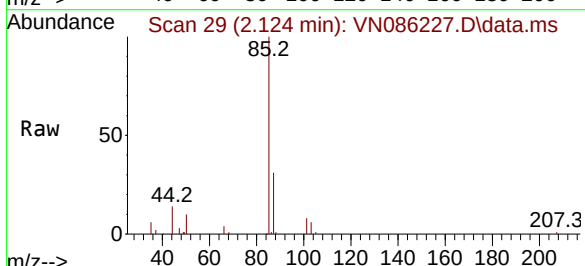
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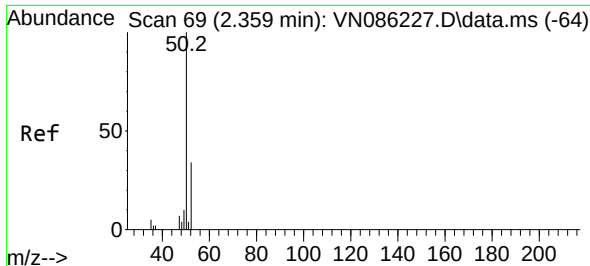
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#2
Dichlorodifluoromethane
Concen: 32.716 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

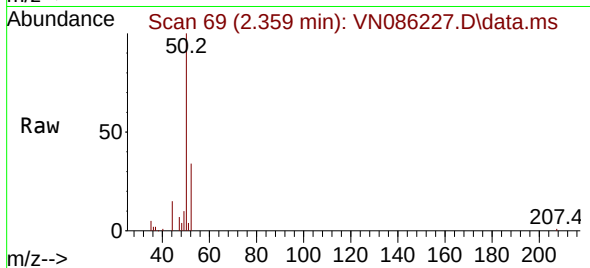
Tgt Ion: 85 Resp: 62670
Ion Ratio Lower Upper
85 100
87 30.8 15.4 46.2





#3
Chloromethane
Concen: 29.468 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

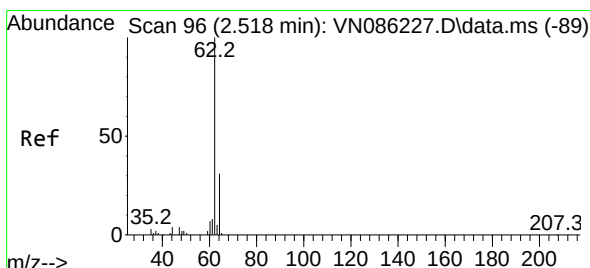
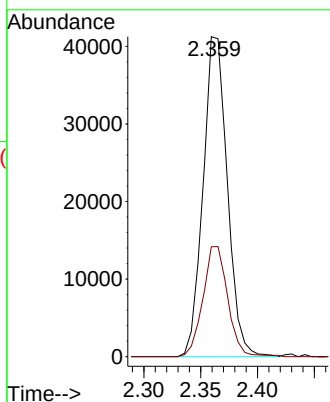
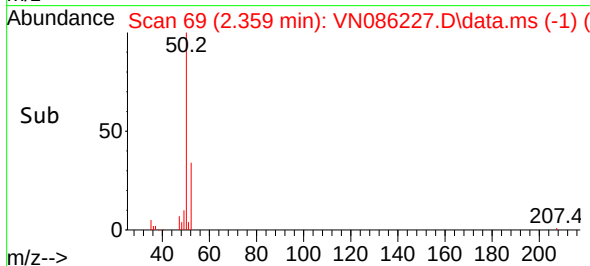
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



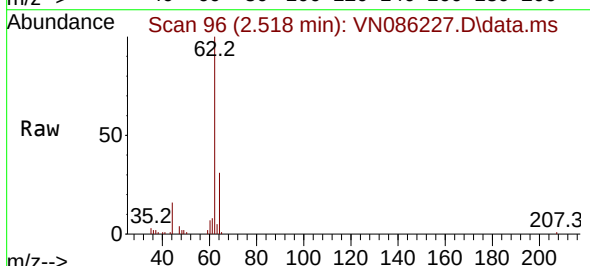
Tgt Ion: 50 Resp: 61310
Ion Ratio Lower Upper
50 100
52 34.4 27.5 41.3

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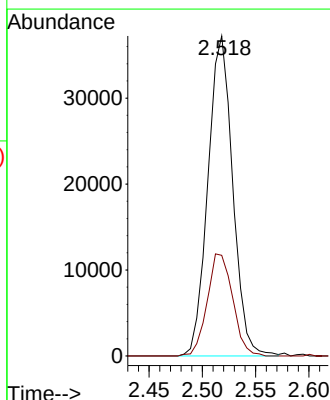
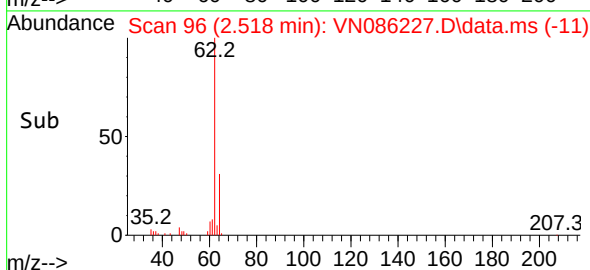
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

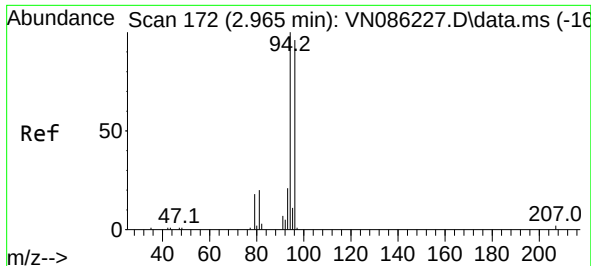


#4
Vinyl Chloride
Concen: 31.054 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26



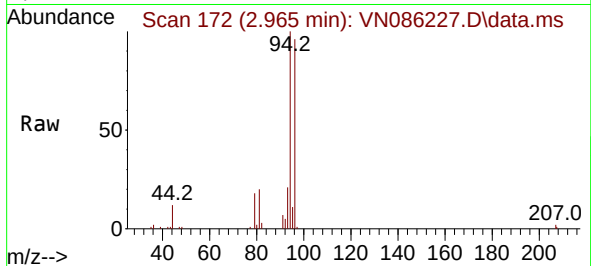
Tgt Ion: 62 Resp: 60178
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5
Bromomethane
Concen: 30.731 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

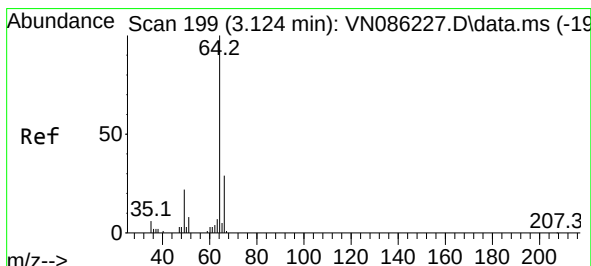
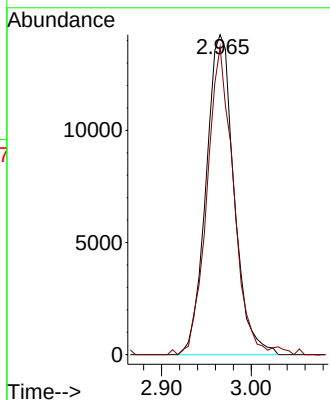
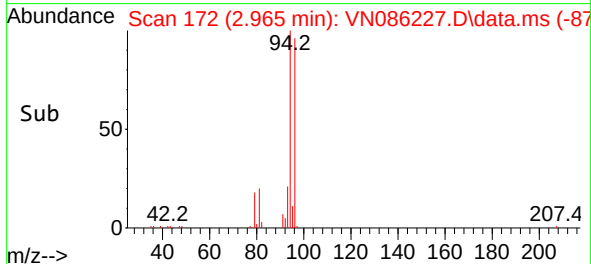
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 94 Resp: 3088
Ion Ratio Lower Upper
94 100
96 96.2 77.0 115.4

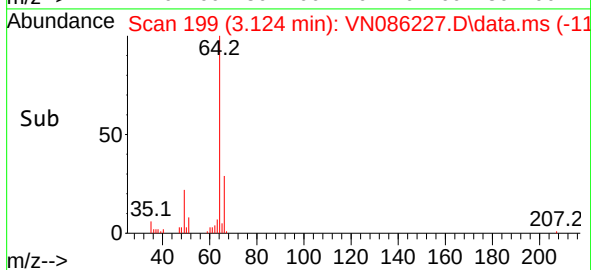
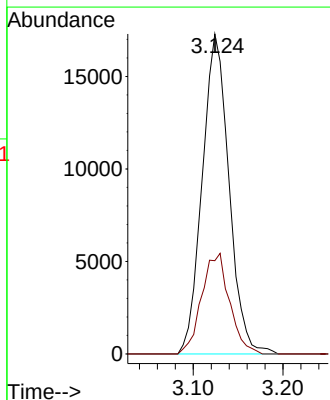
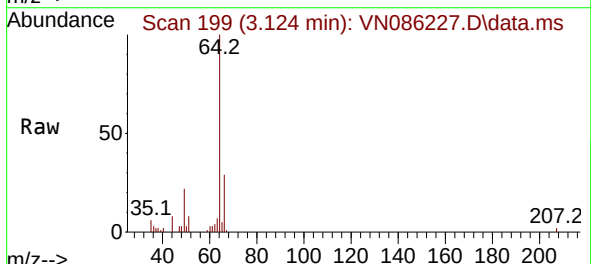
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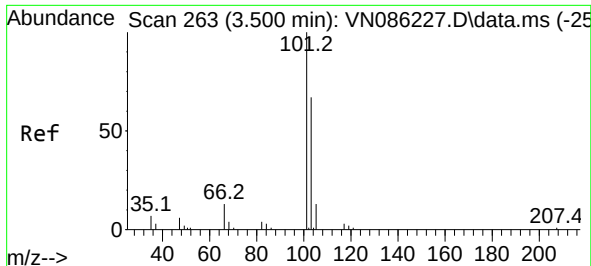
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#6
Chloroethane
Concen: 30.971 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

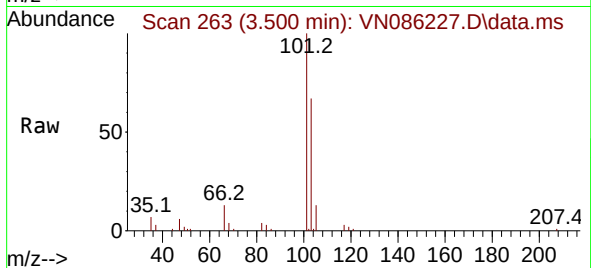
Tgt Ion: 64 Resp: 35817
Ion Ratio Lower Upper
64 100
66 29.2 23.4 35.0





#7
 Trichlorofluoromethane
 Concen: 31.413 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086227.D
 Acq: 04 Apr 2025 12:26

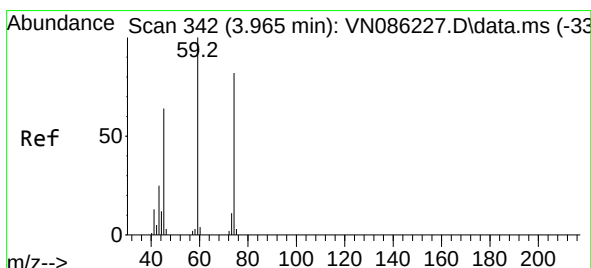
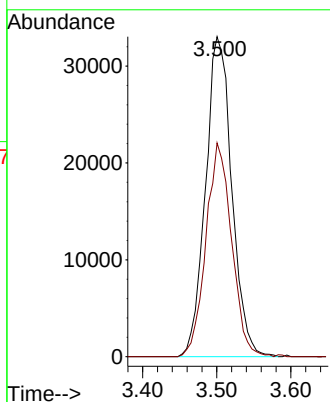
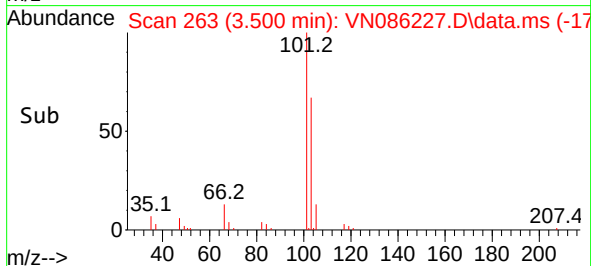
Instrument :
 MSVOA_N
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 VSTDICCC020



Tgt Ion: 101 Resp: 8148
 Ion Ratio Lower Upper
 101 100
 103 66.8 53.4 80.2

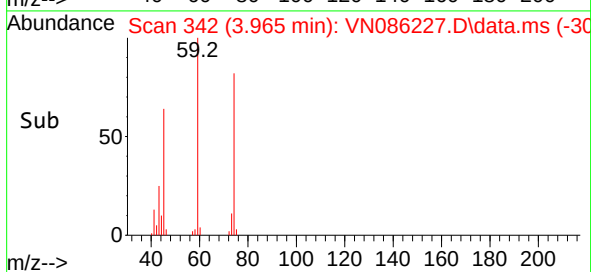
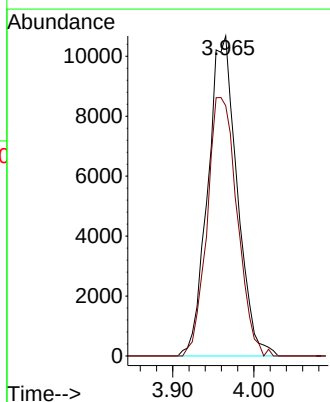
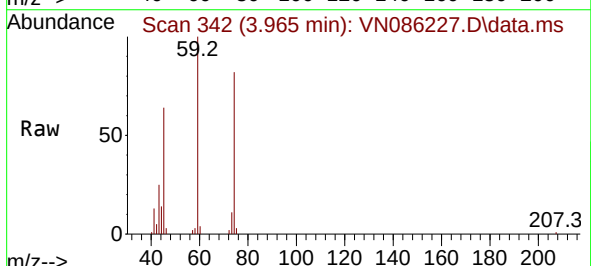
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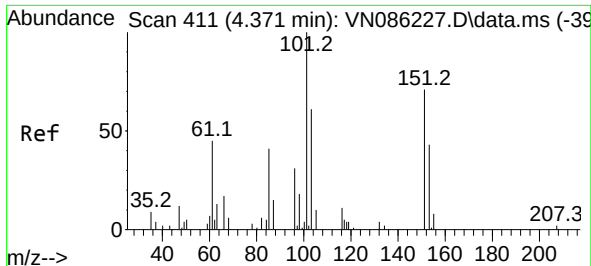
Reviewed By : John Carlone 04/07/2025
 Supervised By : Mahesh Dadoda 04/07/2025



#8
 Diethyl Ether
 Concen: 30.937 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN086227.D
 Acq: 04 Apr 2025 12:26

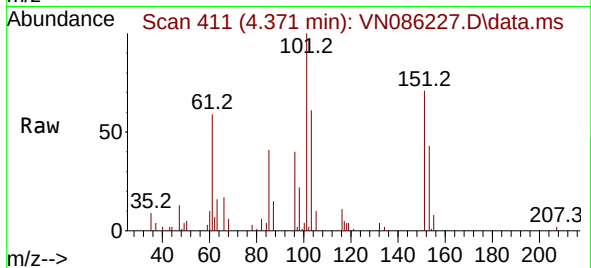
Tgt Ion: 74 Resp: 26747
 Ion Ratio Lower Upper
 74 100
 45 82.5 16.5 148.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.929 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

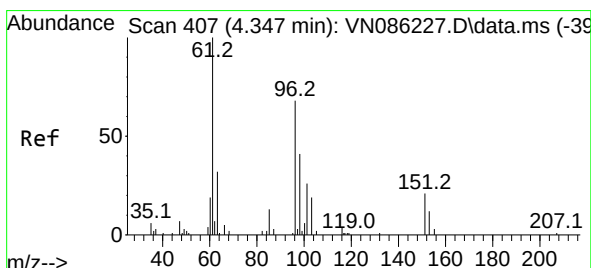
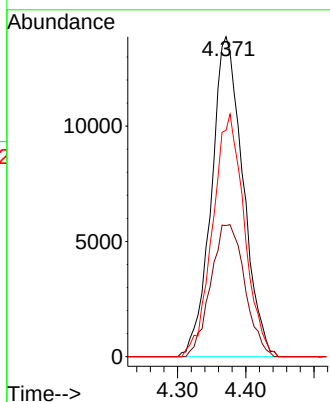
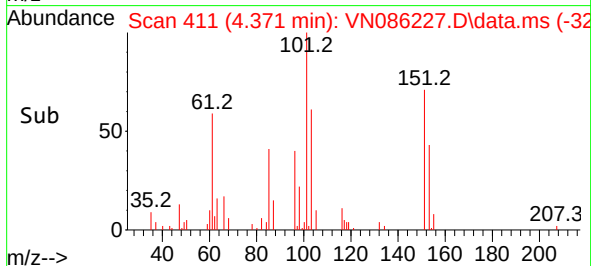
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



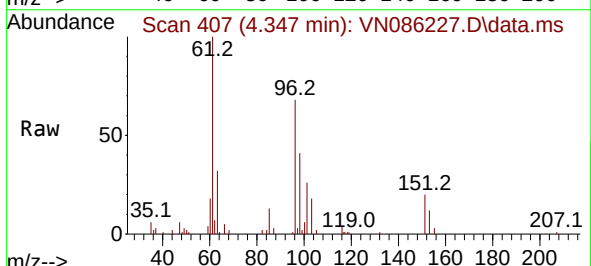
Tgt Ion: 101 Resp: 44629
Ion Ratio Lower Upper
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151 76.1 0.0 152.2

Manual Integrations
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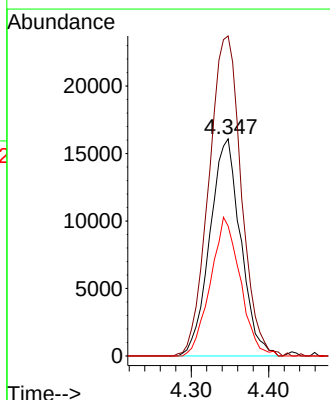
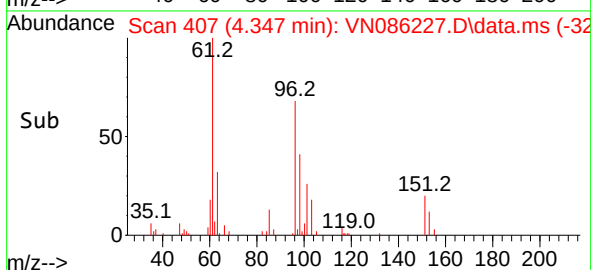
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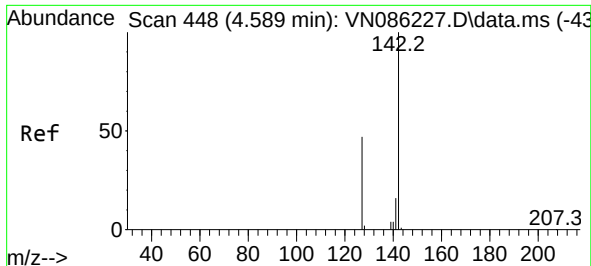


#10
1,1-Dichloroethene
Concen: 31.576 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26



Tgt Ion: 96 Resp: 44468
Ion Ratio Lower Upper
96 100
61 146.3 117.0 175.6
98 59.8 47.8 71.8





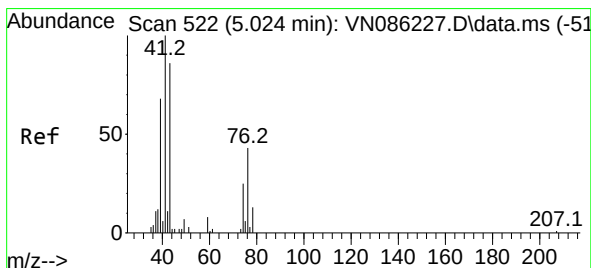
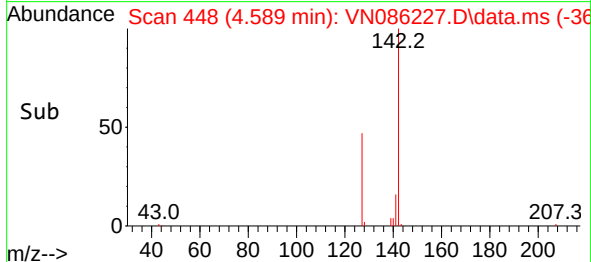
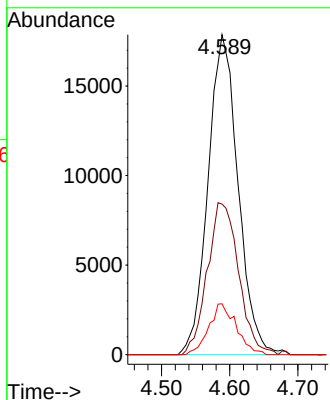
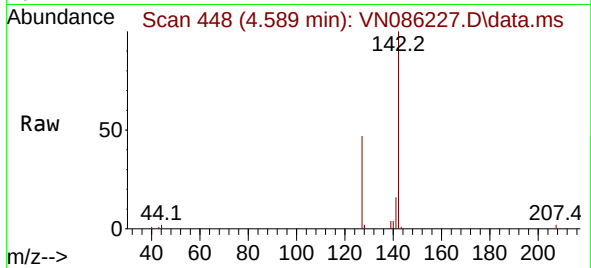
#11
Methyl Iodide
Concen: 30.265 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:142 Resp: 54670
Ion Ratio Lower Upper
142 100
127 47.3 23.6 71.0
141 16.0 8.0 24.0

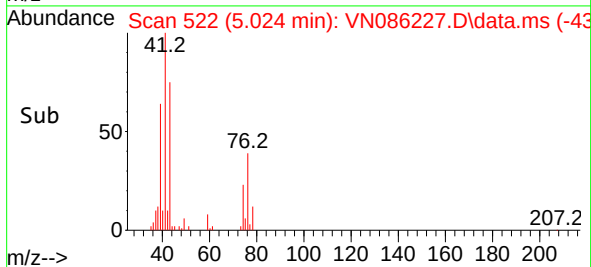
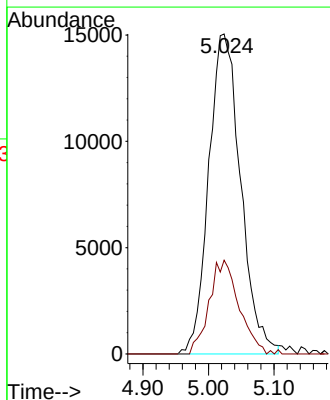
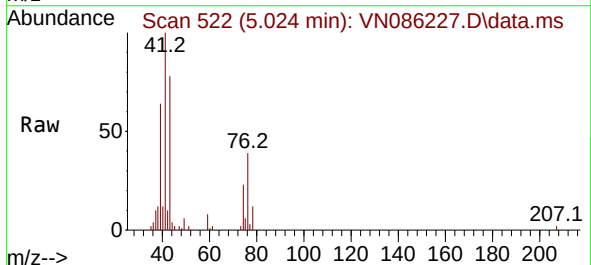
Manual Integrations
APPROVED

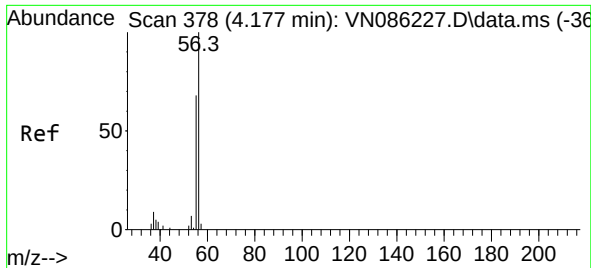
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#12
Methyl Acetate
Concen: 27.324 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 43 Resp: 50845
Ion Ratio Lower Upper
43 100
74 29.0 23.2 34.8





#13

Acrolein

Concen: 176.861 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 56 Resp: 3594

Ion Ratio Lower Upper

56 100

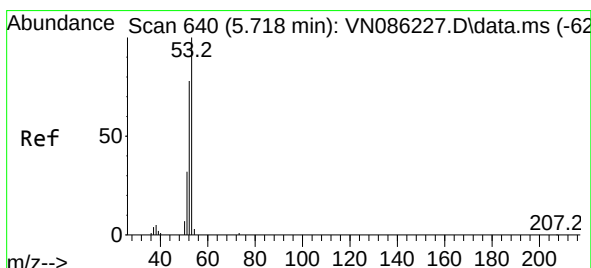
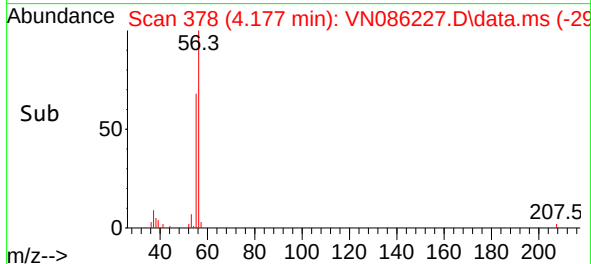
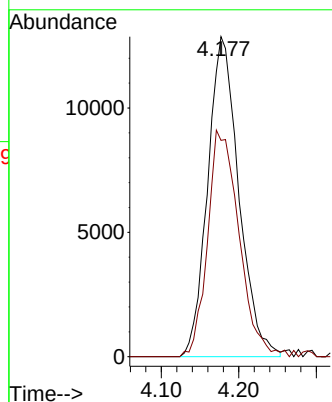
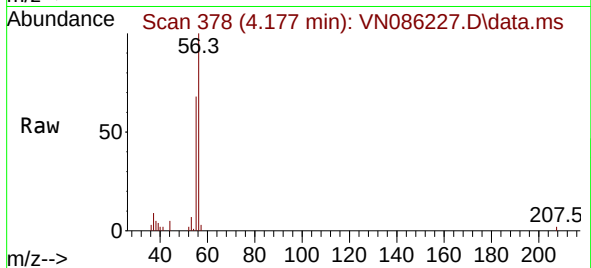
55 71.0 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#14

Acrylonitrile

Concen: 151.007 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

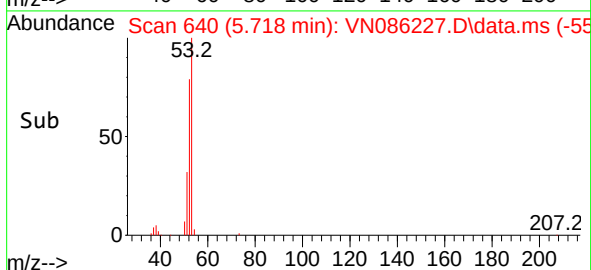
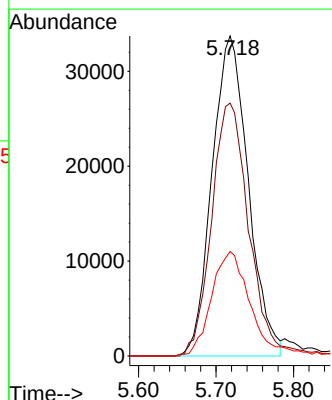
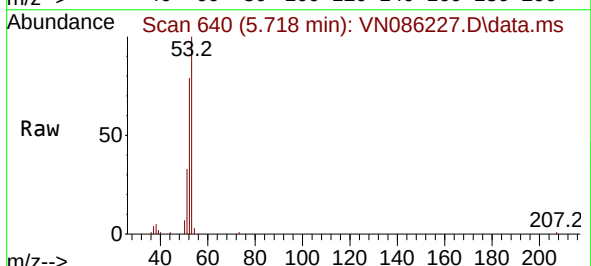
Tgt Ion: 53 Resp: 109537

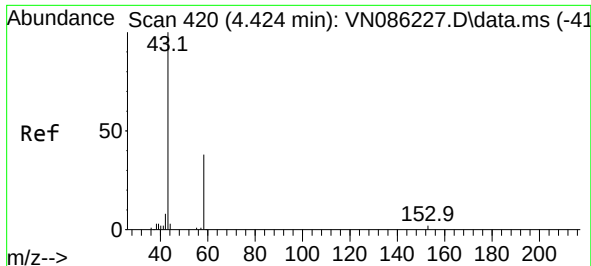
Ion Ratio Lower Upper

53 100

52 81.2 40.6 121.8

51 33.8 16.9 50.7





#15

Acetone

Concen: 138.149 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 3126

Ion Ratio Lower Upper

58 100

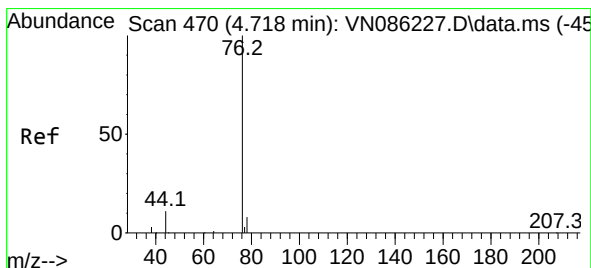
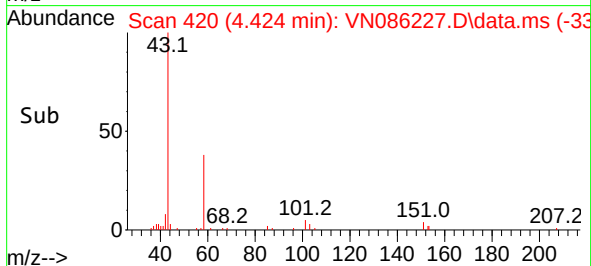
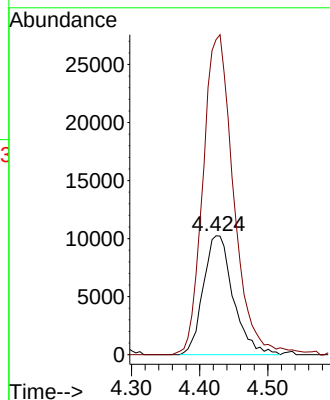
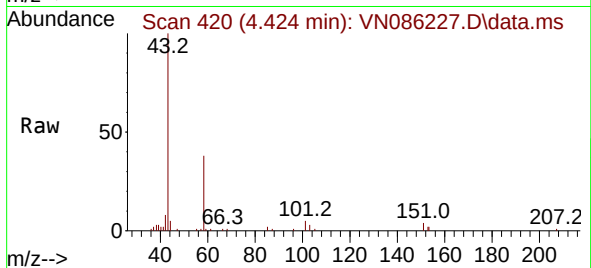
43 262.0 209.6 314.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#16

Carbon Disulfide

Concen: 28.996 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.000 min

Lab File: VN086227.D

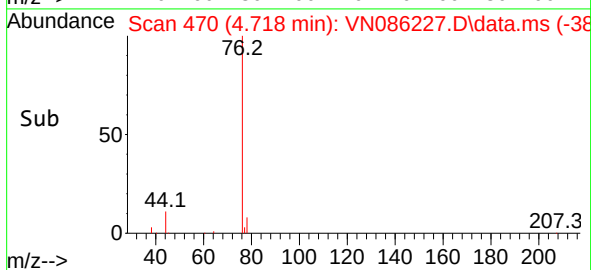
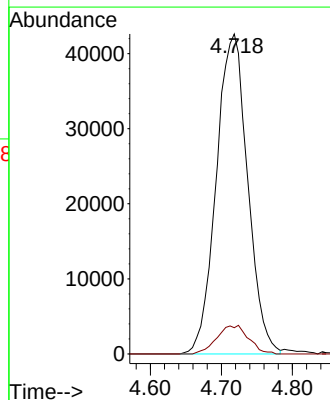
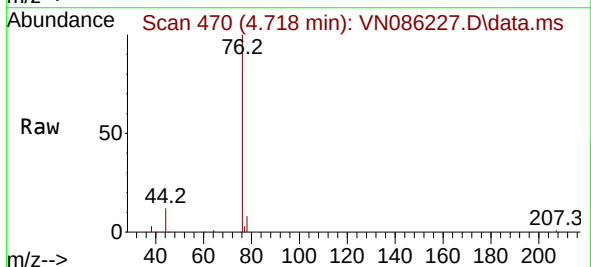
Acq: 04 Apr 2025 12:26

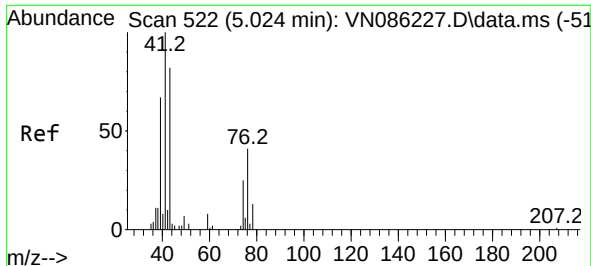
Tgt Ion: 76 Resp: 130810

Ion Ratio Lower Upper

76 100

78 8.2 6.6 9.8





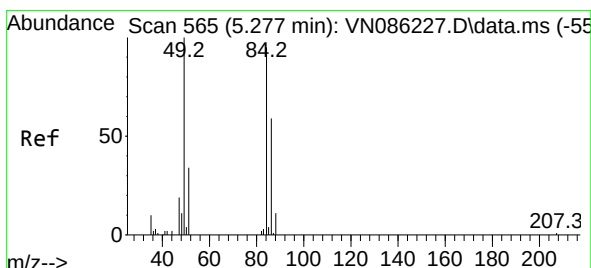
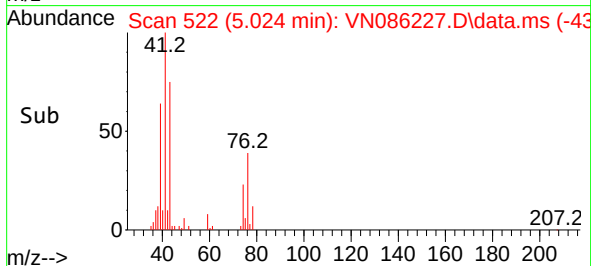
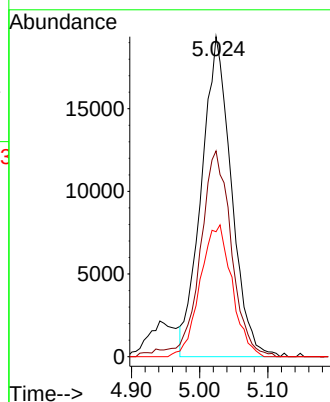
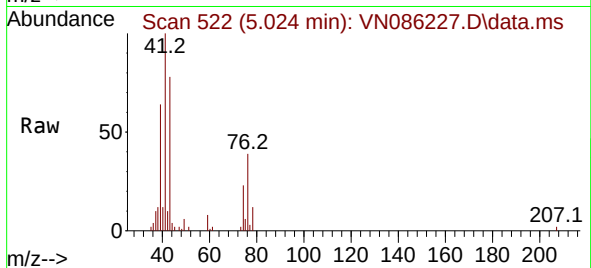
#17
 Allyl chloride
 Concen: 30.216 ug/l
 RT: 5.024 min Scan# 518
 Delta R.T. 0.000 min
 Lab File: VN086227.D
 Acq: 04 Apr 2025 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:	41	Resp:	59189
Ion	Ratio	Lower	Upper
41	100		
39	64.3	32.1	96.5
76	39.1	19.6	58.7

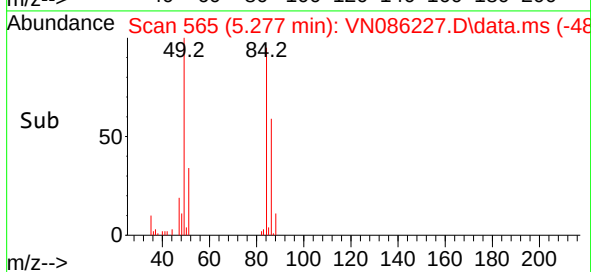
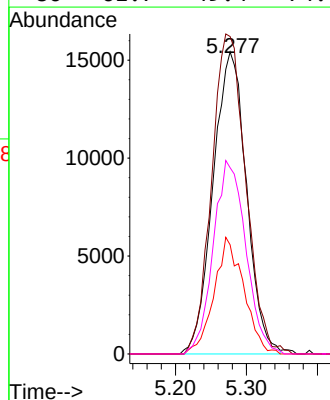
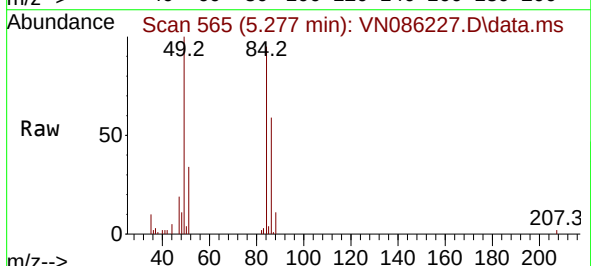
Manual Integrations
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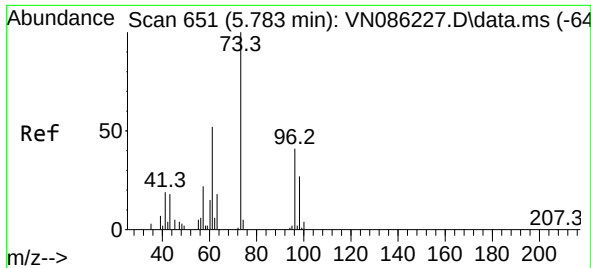
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#18
 Methylene Chloride
 Concen: 29.783 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN086227.D
 Acq: 04 Apr 2025 12:26

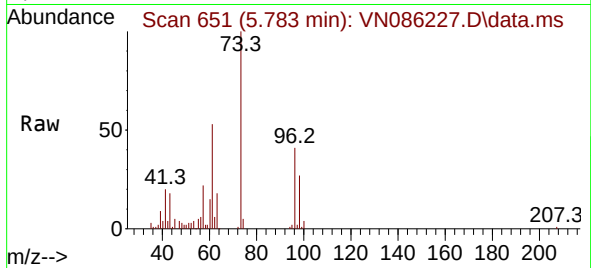
Tgt Ion:	84	Resp:	50289
Ion	Ratio	Lower	Upper
84	100		
49	105.1	84.1	126.1
51	36.1	28.9	43.3
86	61.7	49.4	74.0





#19
trans-1,2-Dichloroethene
Concen: 31.154 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

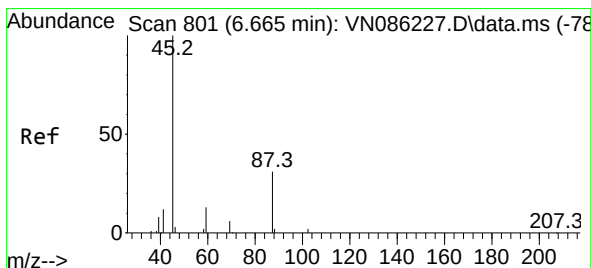
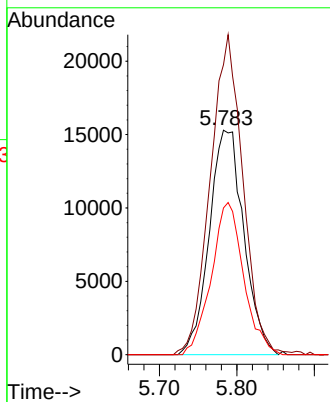
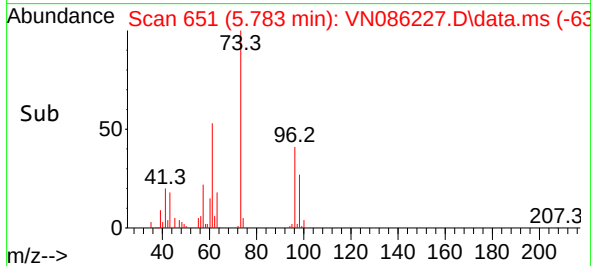
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 4738
Ion Ratio Lower Upper
96 100
61 127.4 101.9 152.9
98 65.4 52.3 78.5

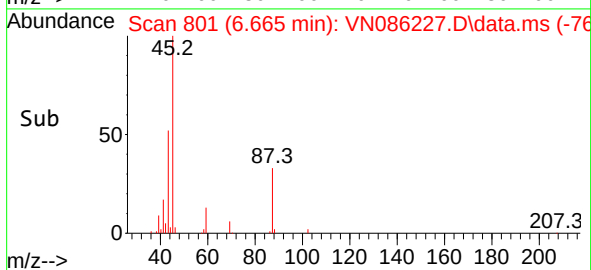
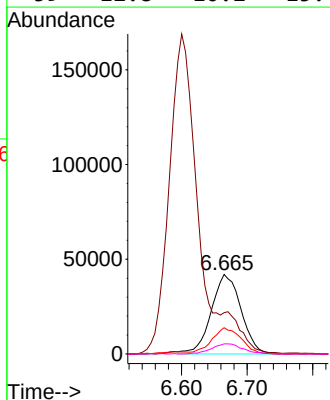
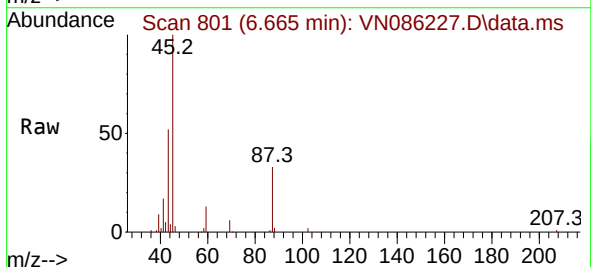
Manual Integrations
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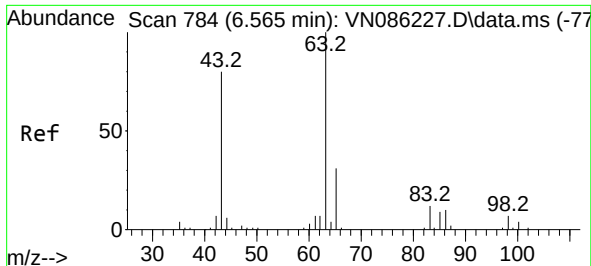
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#20
Diisopropyl ether
Concen: 32.188 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 45 Resp: 132361
Ion Ratio Lower Upper
45 100
43 50.4 40.3 60.5
87 33.1 26.5 39.7
59 12.8 10.2 15.4





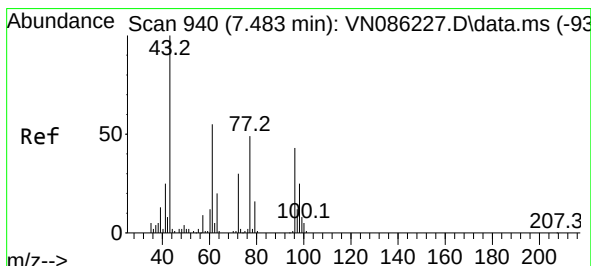
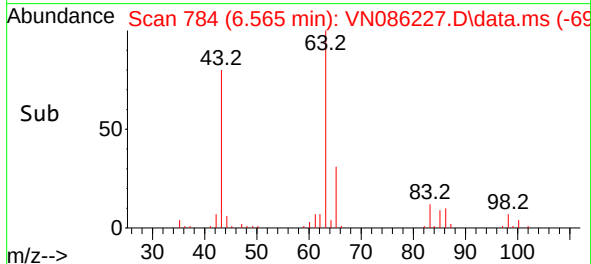
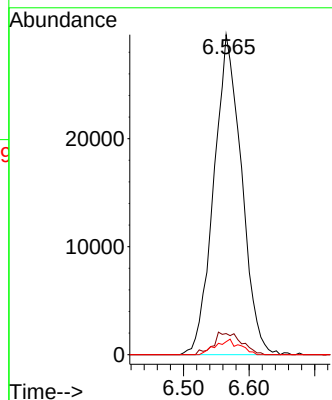
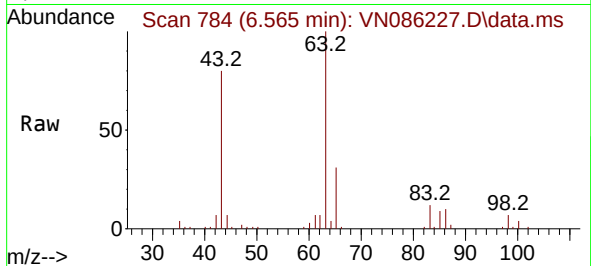
#21
1,1-Dichloroethane
Concen: 30.957 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 8676
Ion Ratio Lower Upper
63 100
98 6.6 3.3 9.9
100 4.1 2.1 6.2

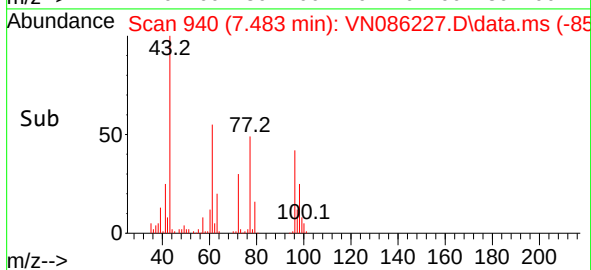
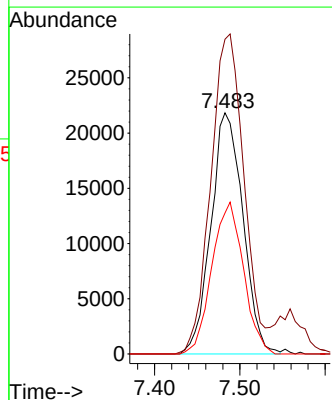
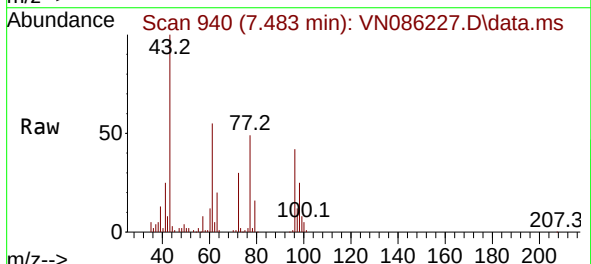
Manual Integrations
APPROVED

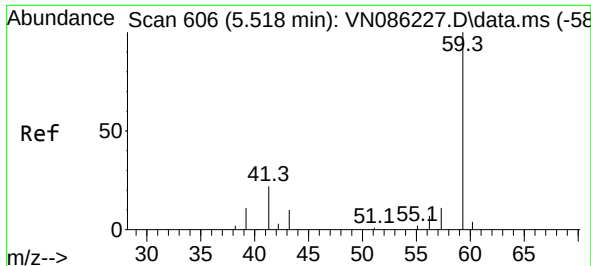
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#22
cis-1,2-Dichloroethene
Concen: 31.574 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

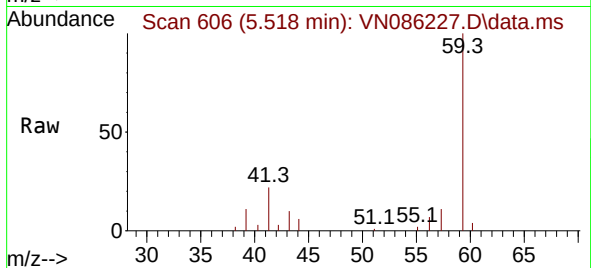
Tgt Ion: 96 Resp: 56953
Ion Ratio Lower Upper
96 100
61 137.1 109.7 164.5
98 62.1 49.7 74.5





#23
tert-Butyl Alcohol
Concen: 162.014 ug/l m
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

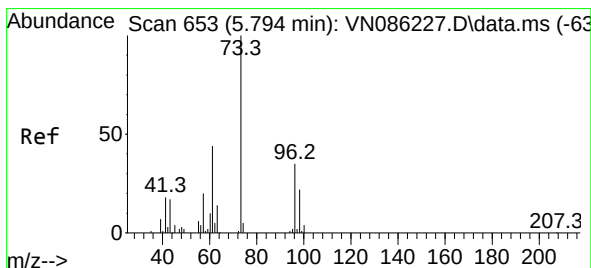
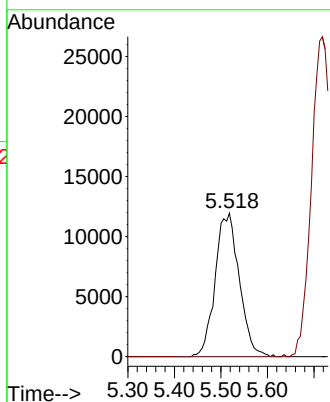
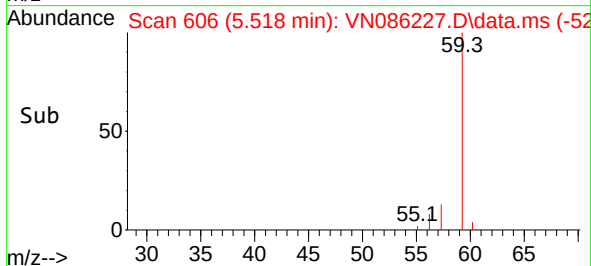
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



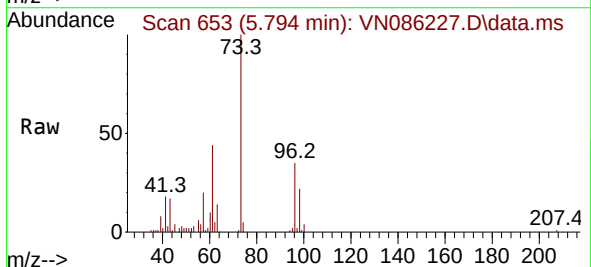
Tgt Ion: 59 Resp: 42914
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

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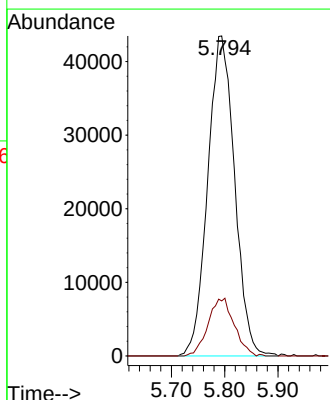
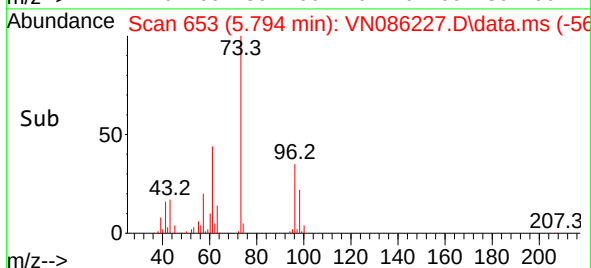
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

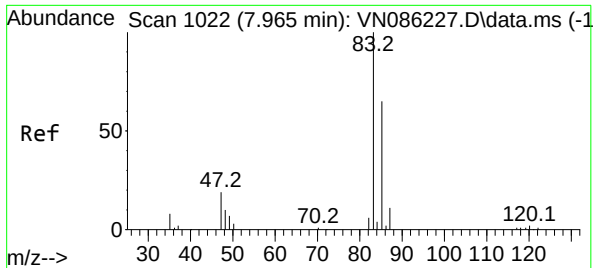


#24
Methyl tert-Butyl Ether
Concen: 33.143 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26



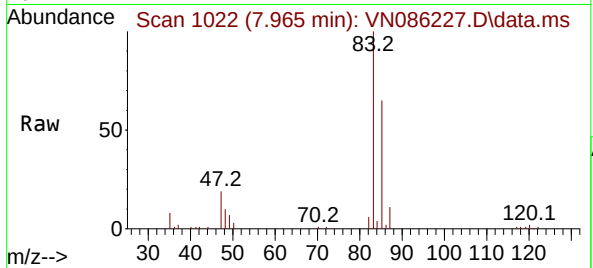
Tgt Ion: 73 Resp: 152460
Ion Ratio Lower Upper
73 100
43 17.4 13.9 20.9





#25
Chloroform
Concen: 31.085 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

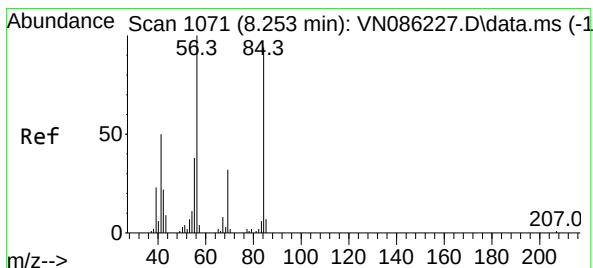
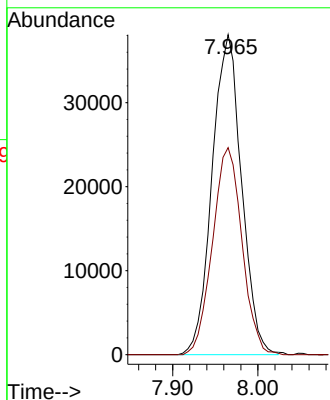
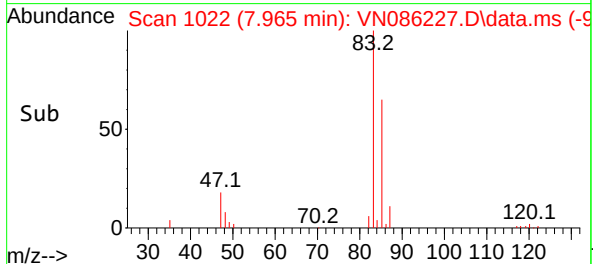
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



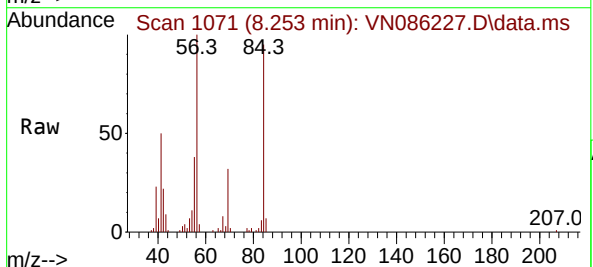
Tgt Ion: 83 Resp: 91425
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.6

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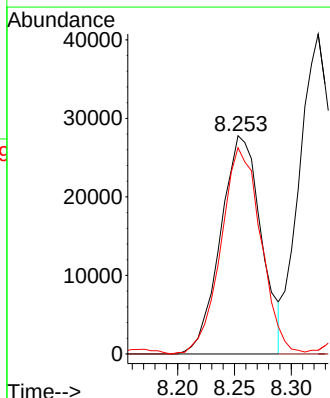
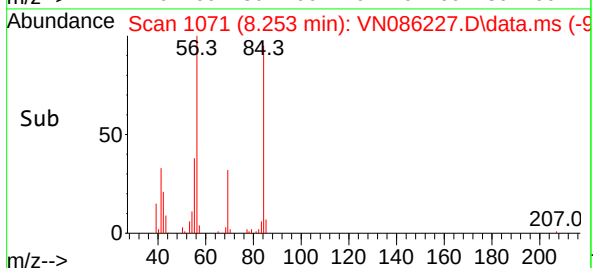
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

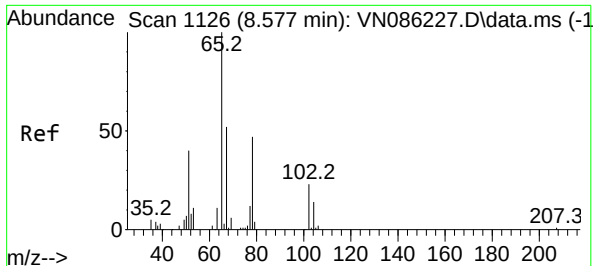


#26
Cyclohexane
Concen: 30.628 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26



Tgt Ion: 56 Resp: 69098
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.9 74.3 111.5





#27

1,2-Dichloroethane-d4

Concen: 29.290 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 65 Resp: 8309

Ion Ratio Lower Upper

65 100

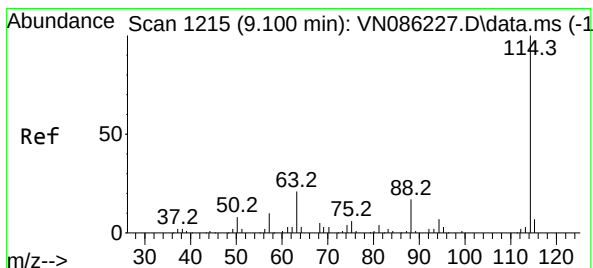
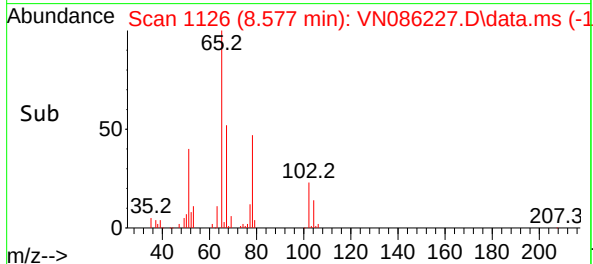
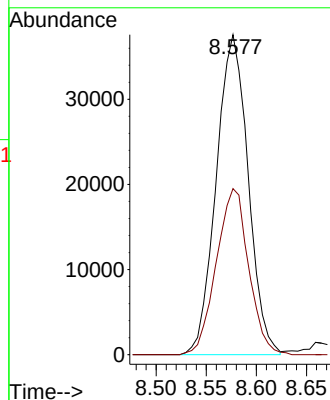
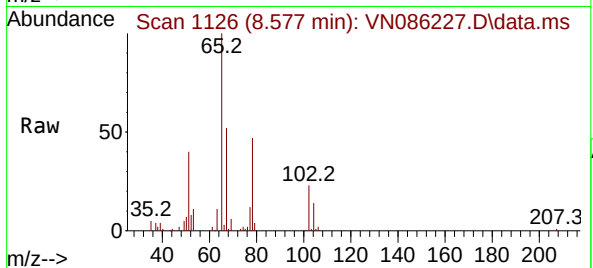
67 52.6 42.1 63.1

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: VN086227.D

Acq: 04 Apr 2025 12:26

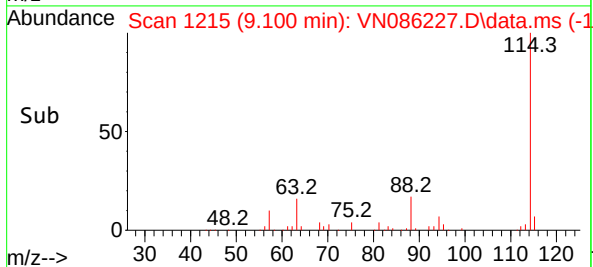
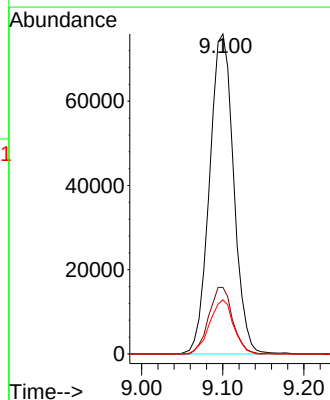
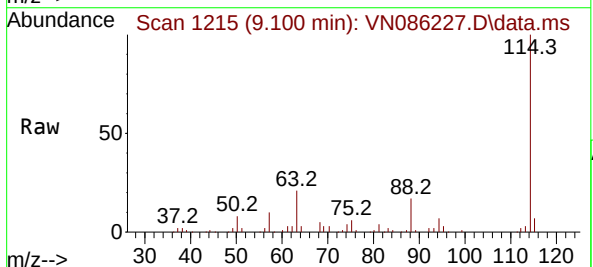
Tgt Ion:114 Resp: 156838

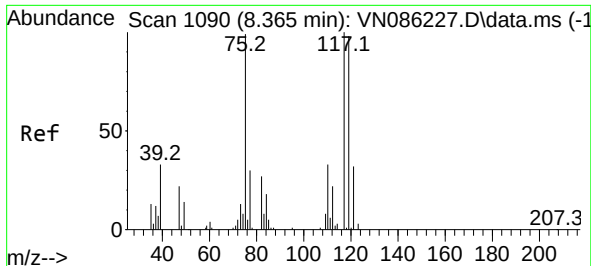
Ion Ratio Lower Upper

114 100

63 20.5 16.4 24.6

88 16.8 13.4 20.2





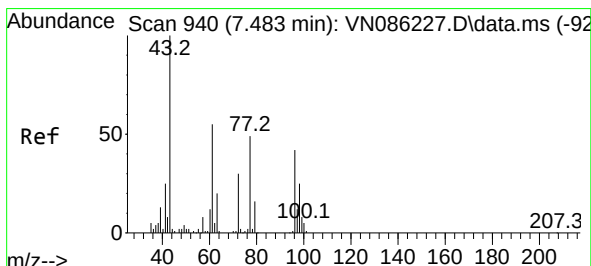
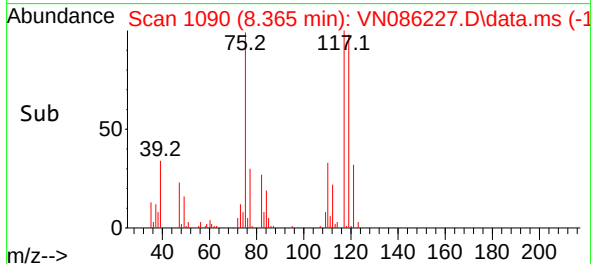
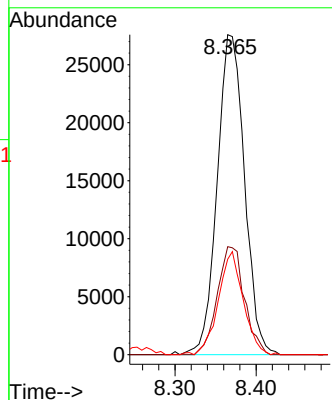
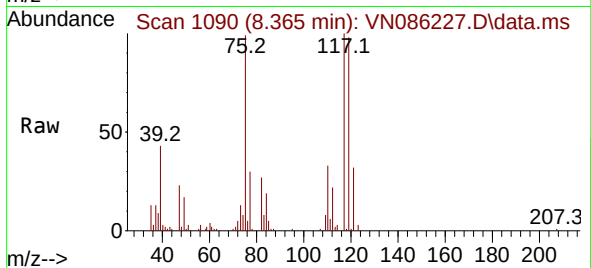
#29
1,1-Dichloropropene
Concen: 32.818 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 64589
Ion Ratio Lower Upper
75 100
110 33.4 0.0 66.8
77 29.2 0.0 58.4

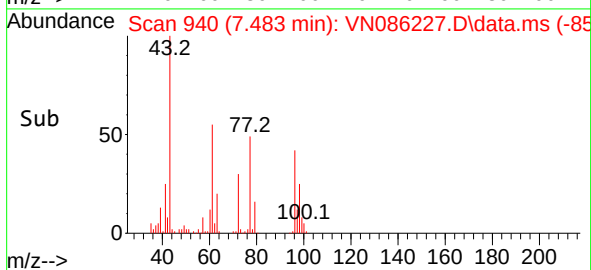
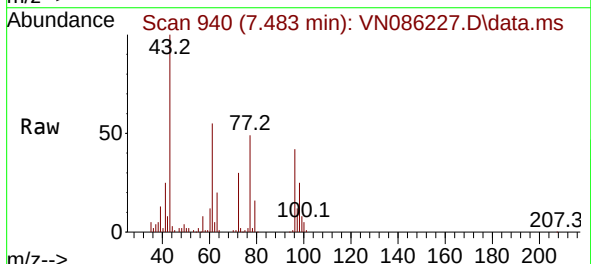
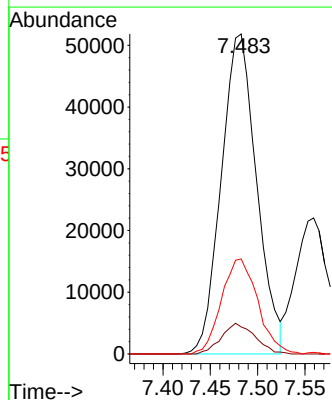
Manual Integrations
APPROVED

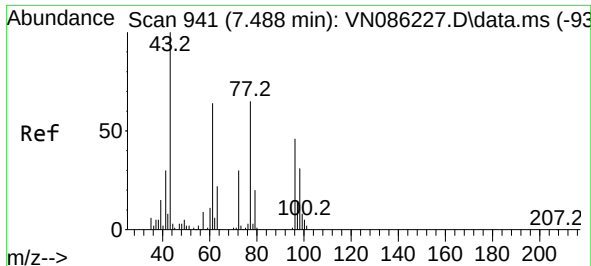
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#30
2-Butanone
Concen: 155.584 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 43 Resp: 134612
Ion Ratio Lower Upper
43 100
57 9.1 7.3 10.9
72 30.4 24.3 36.5





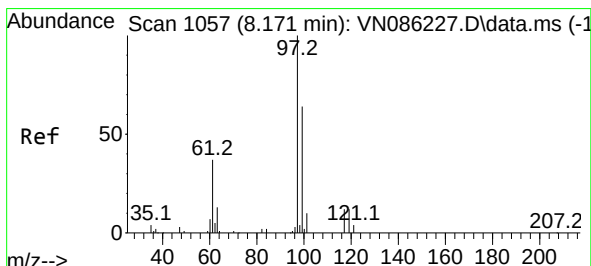
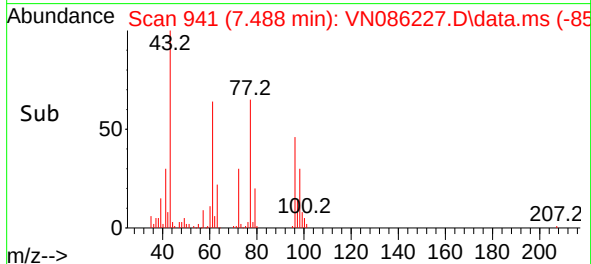
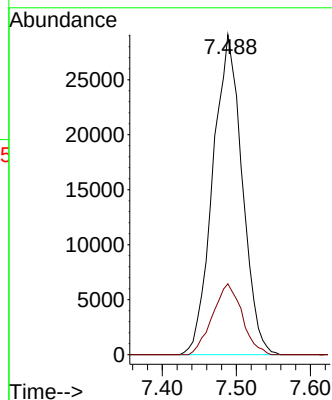
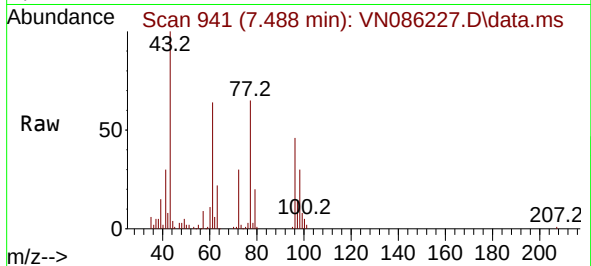
#31
2,2-Dichloropropane
Concen: 33.033 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 80104
Ion Ratio Lower Upper
77 100
97 22.3 17.8 26.8

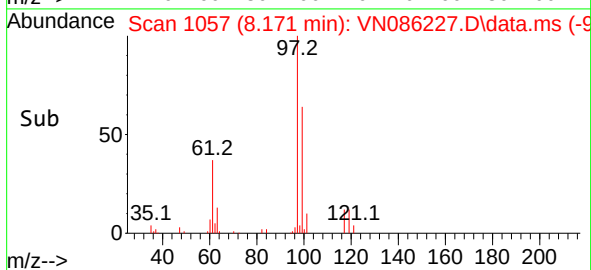
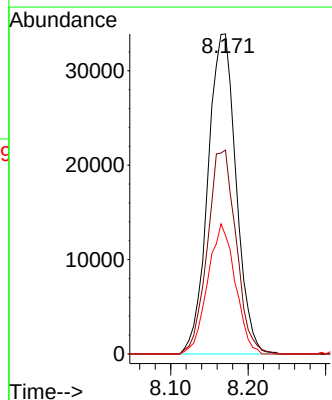
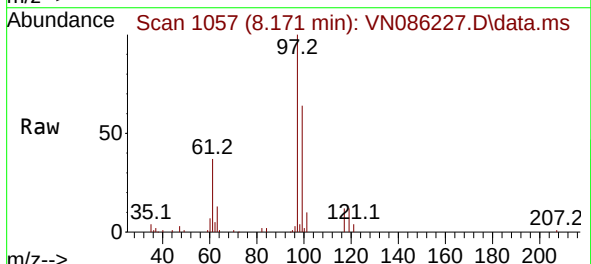
Manual Integrations
APPROVED

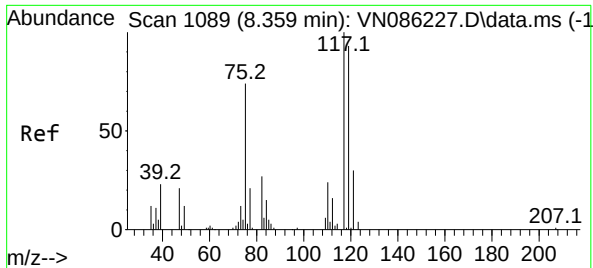
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#32
1,1,1-Trichloroethane
Concen: 32.252 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

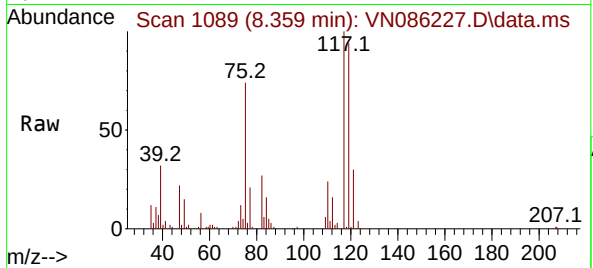
Tgt Ion: 97 Resp: 85837
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 39.6 31.7 47.5





#33
Carbon Tetrachloride
Concen: 31.989 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

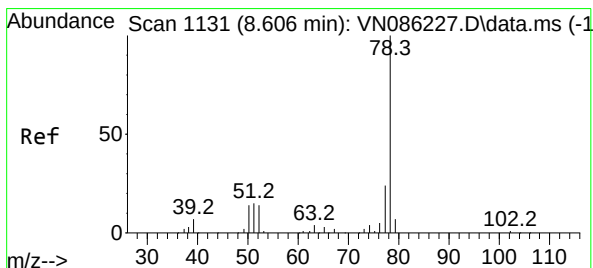
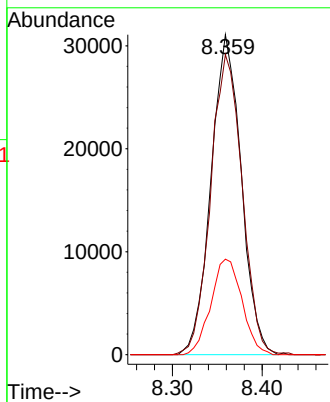
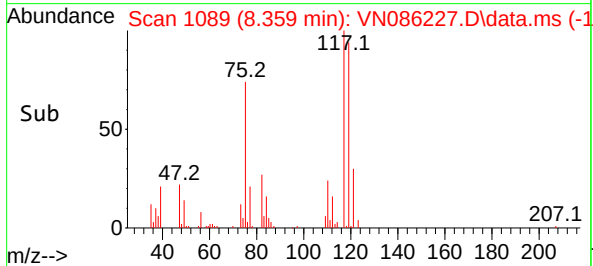
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



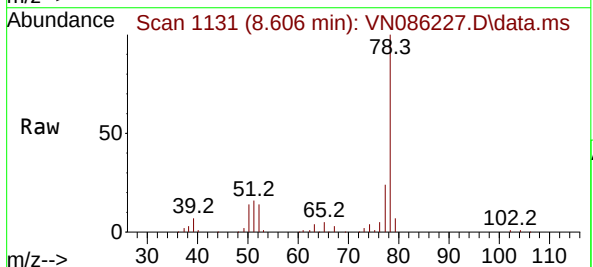
Tgt Ion: 117 Resp: 7261
Ion Ratio Lower Upper
117 100
119 93.3 74.6 112.0
121 29.8 23.8 35.8

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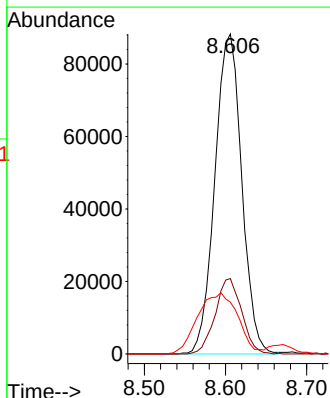
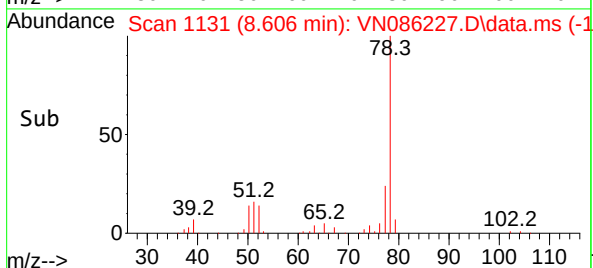
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

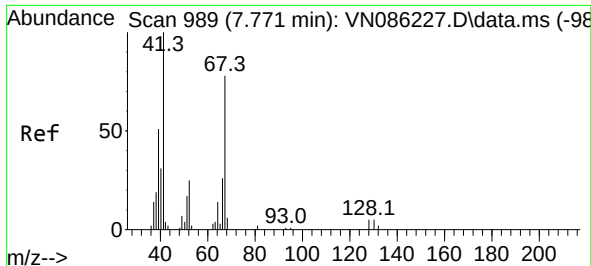


#34
Benzene
Concen: 31.101 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26



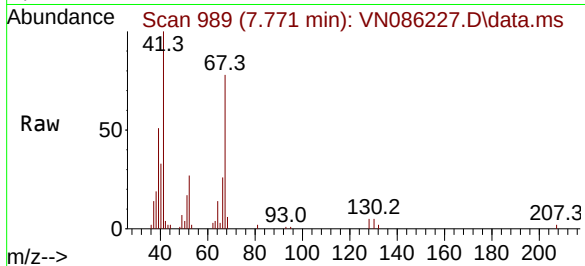
Tgt Ion: 78 Resp: 203238
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2
51 14.9 11.9 17.9





#35
Methacrylonitrile
Concen: 29.645 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

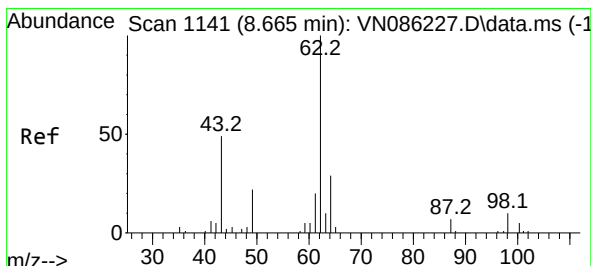
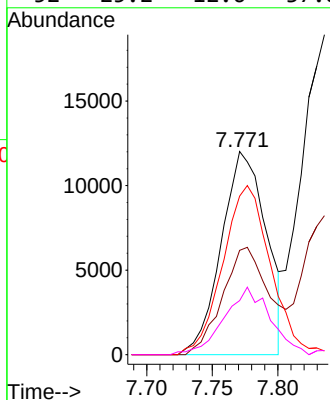
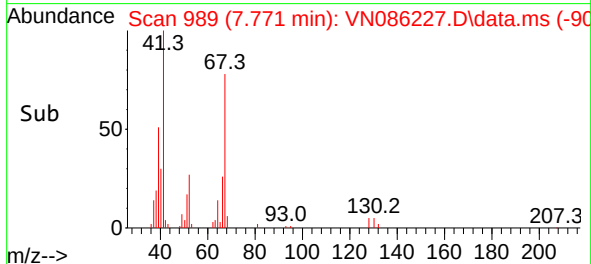
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC020



Tgt Ion: 41 Resp: 28638
Ion Ratio Lower Upper
41 100
39 51.3 25.7 77.0
67 78.0 39.0 117.0
52 25.2 12.6 37.8

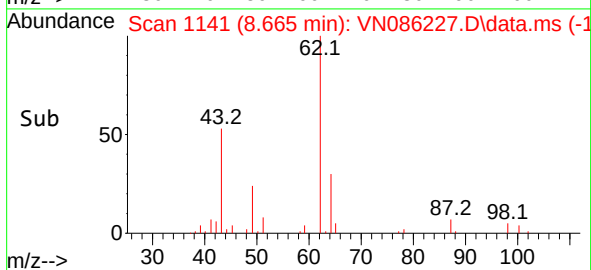
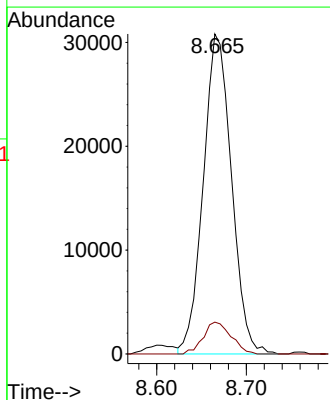
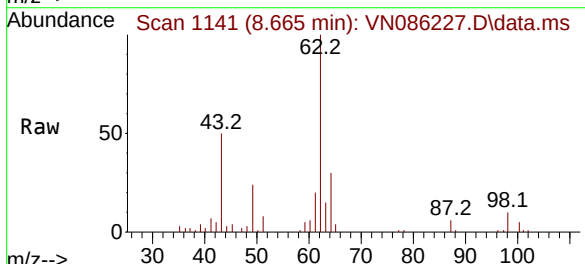
Manual Integrations
APPROVED

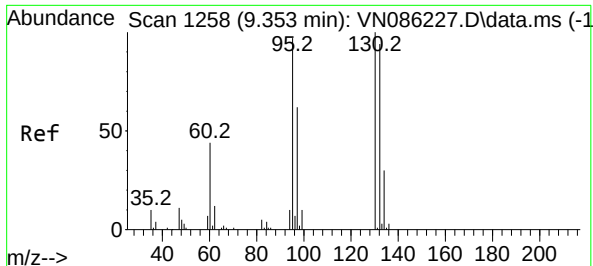
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#36
1,2-Dichloroethane
Concen: 31.013 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 62 Resp: 67310
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.8





#37

Trichloroethene

Concen: 32.247 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 50468

Ion Ratio Lower Upper

130 100

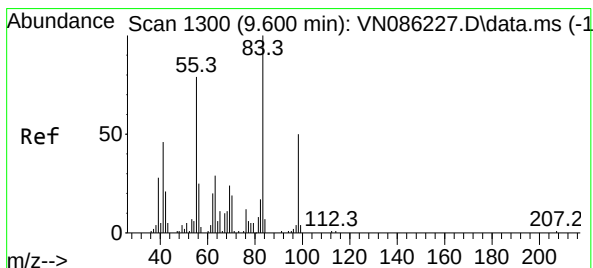
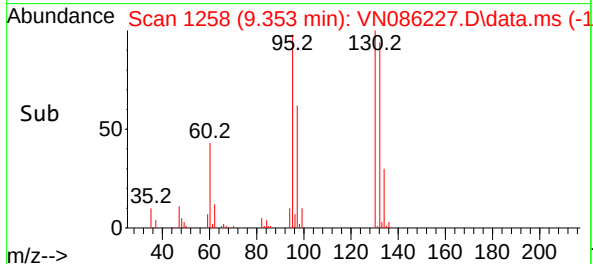
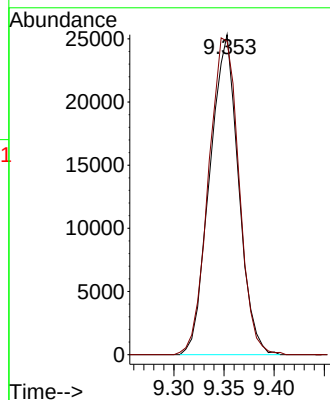
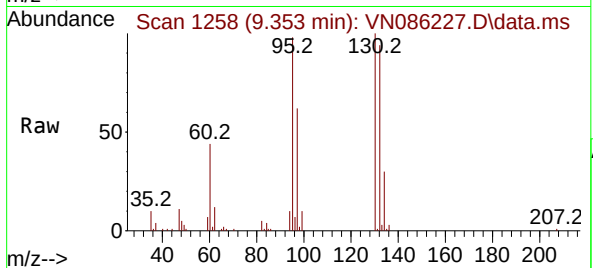
95 97.3 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#38

Methylcyclohexane

Concen: 31.673 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

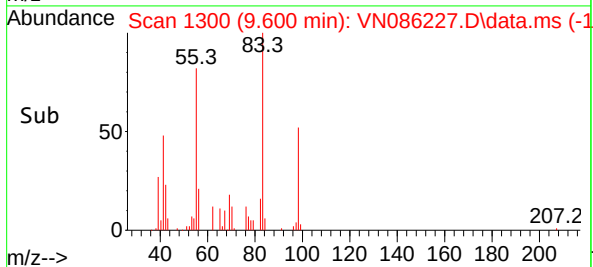
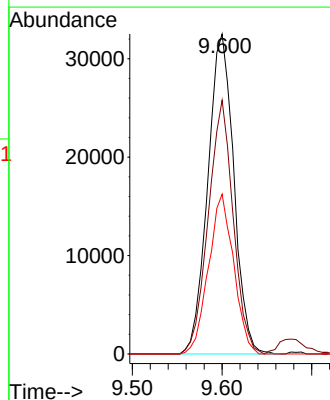
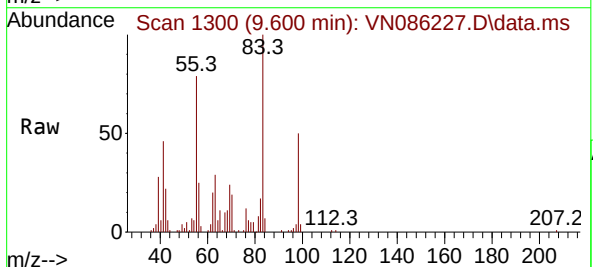
Tgt Ion: 83 Resp: 65407

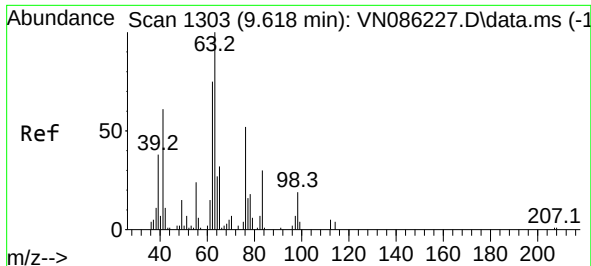
Ion Ratio Lower Upper

83 100

55 75.9 38.0 113.9

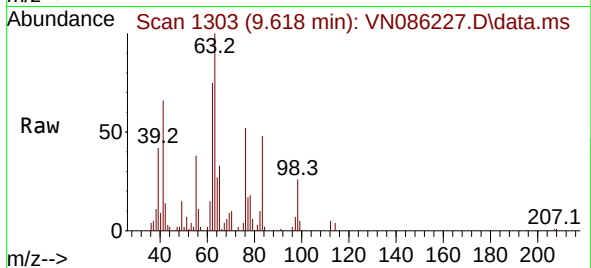
98 48.4 24.2 72.6





#39
1,2-Dichloropropane
Concen: 31.322 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

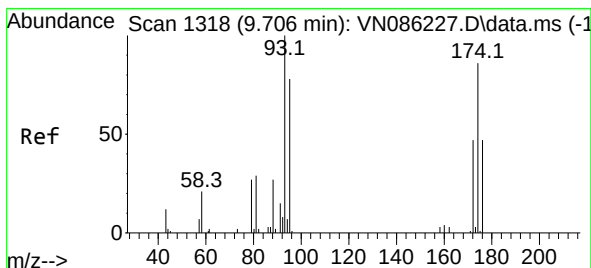
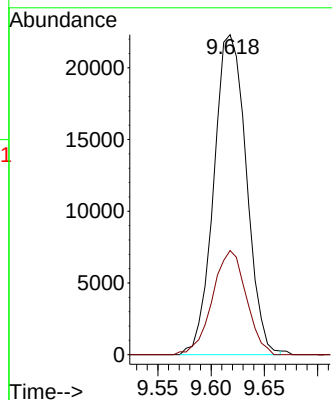
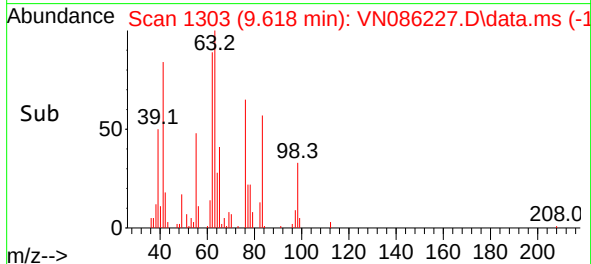
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 47429
Ion Ratio Lower Upper
63 100
65 32.5 26.0 39.0

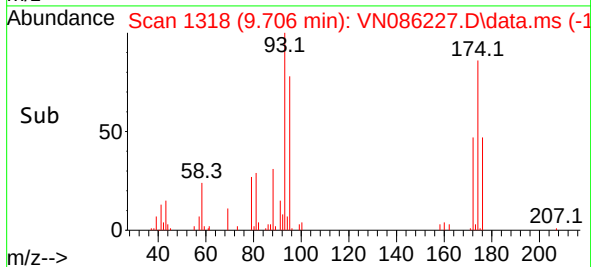
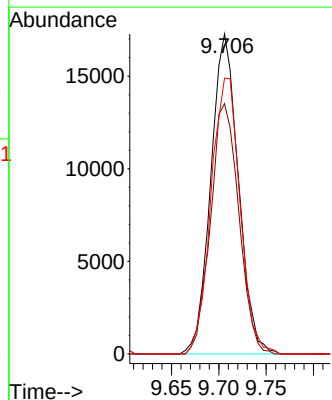
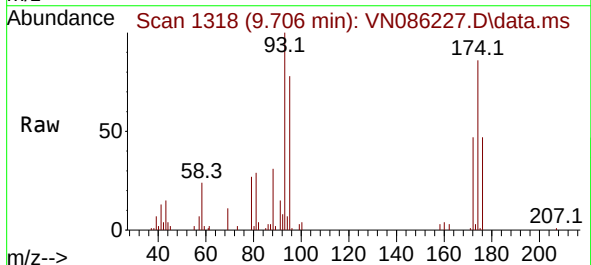
Manual Integrations
APPROVED

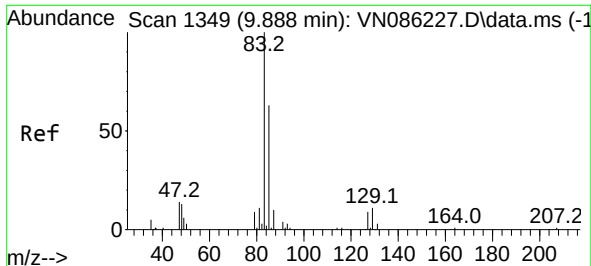
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#40
Dibromomethane
Concen: 31.305 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 93 Resp: 34979
Ion Ratio Lower Upper
93 100
95 80.4 0.0 160.8
174 90.7 0.0 181.4





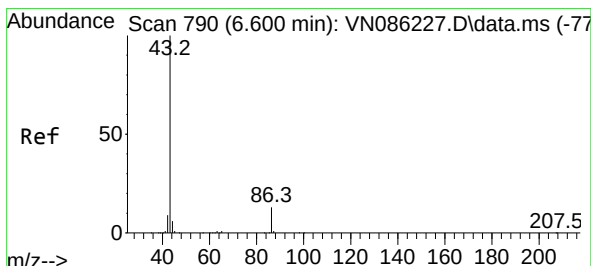
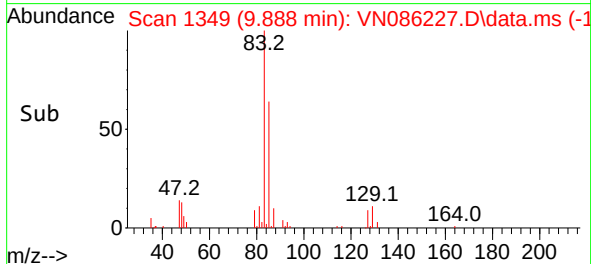
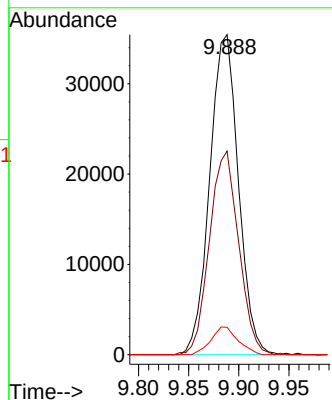
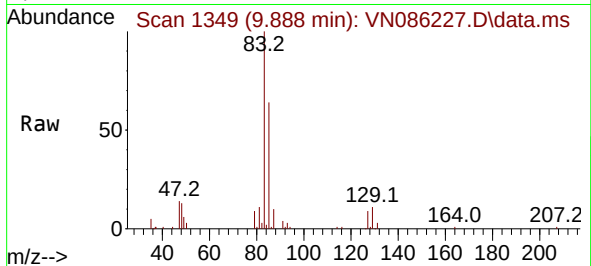
#41
Bromodichloromethane
Concen: 31.451 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 70580
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 8.5 6.8 10.2

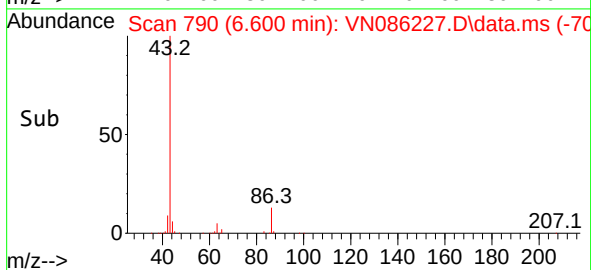
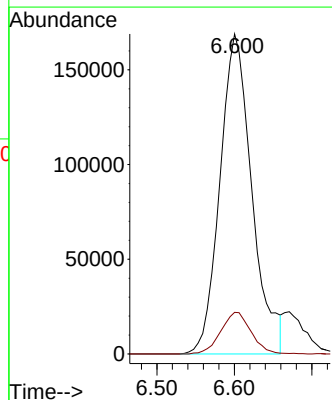
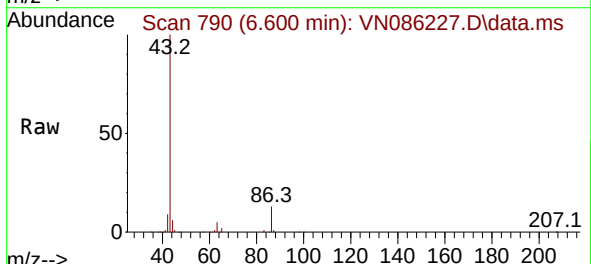
Manual Integrations
APPROVED

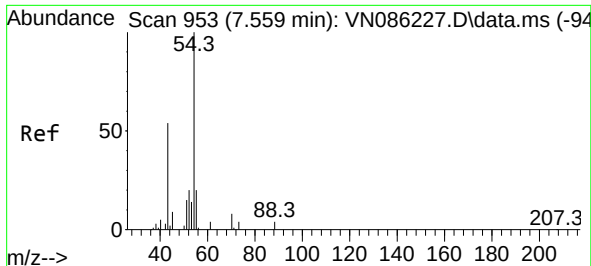
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#42
Vinyl Acetate
Concen: 157.346 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 43 Resp: 485139
Ion Ratio Lower Upper
43 100
86 12.4 9.9 14.9





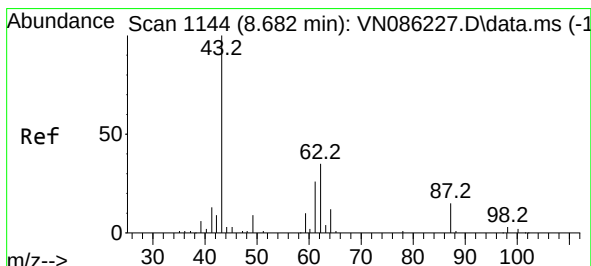
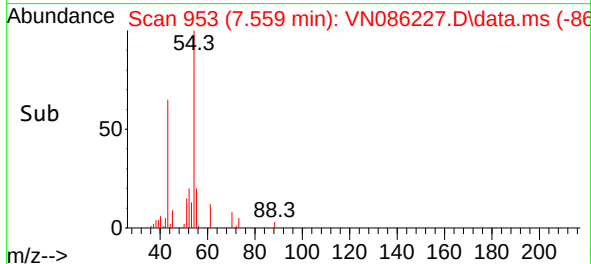
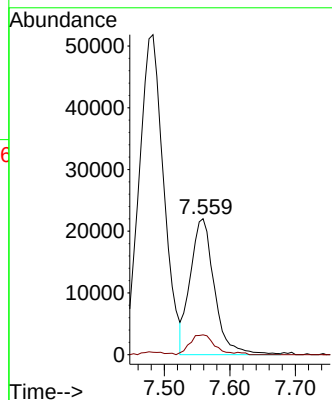
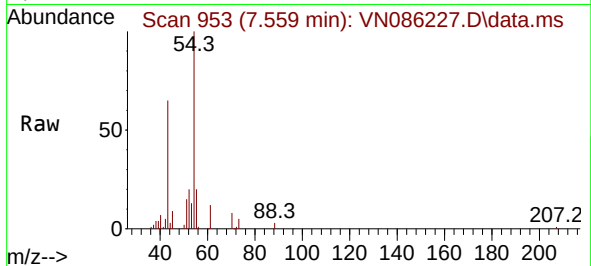
#43
Ethyl Acetate
Concen: 31.643 ug/l
RT: 7.559 min Scan# 914
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 5629
Ion Ratio Lower Upper
43 100
45 0.3 0.2 0.4

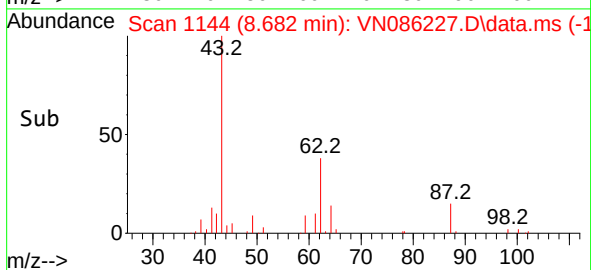
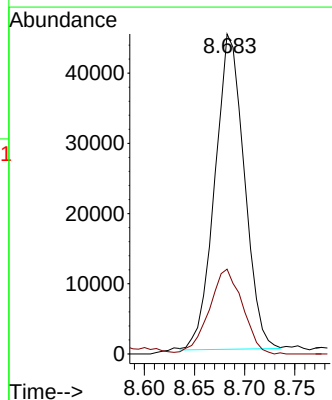
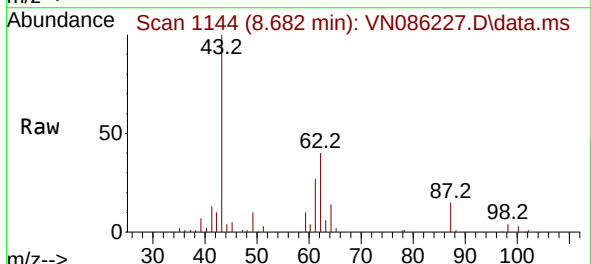
Manual Integrations
APPROVED

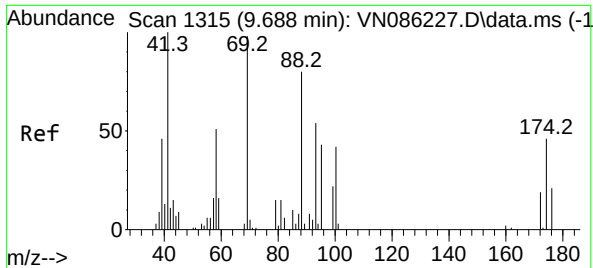
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#44
Isopropyl Acetate
Concen: 28.569 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

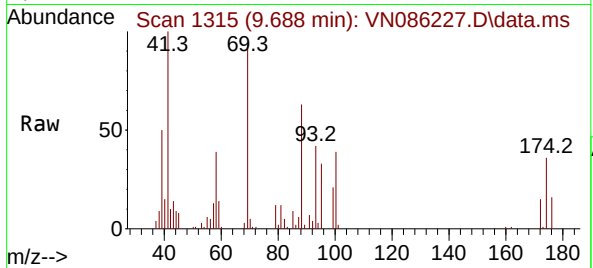
Tgt Ion: 43 Resp: 91735
Ion Ratio Lower Upper
43 100
61 30.4 24.3 36.5





#45
1,4-Dioxane
Concen: 661.610 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

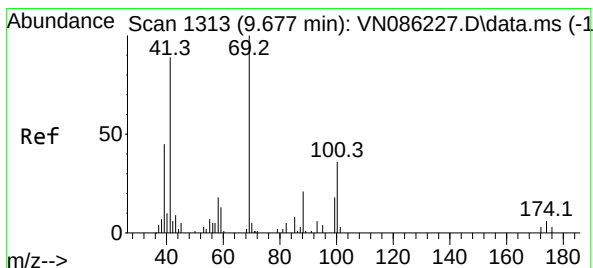
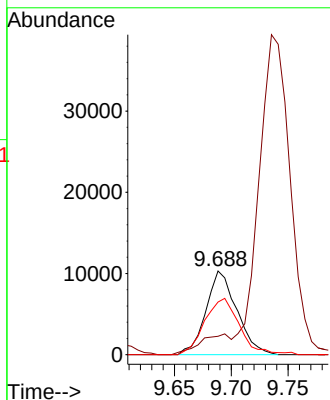
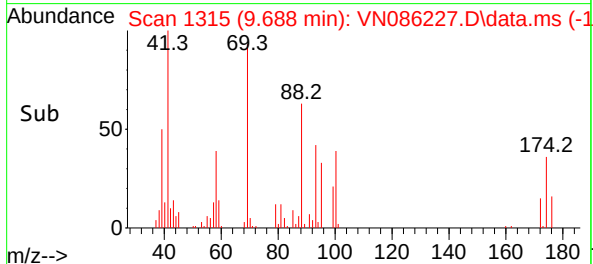
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 88 Resp: 19475
Ion Ratio Lower Upper
88 100
43 24.8 19.8 29.8
58 75.8 60.6 91.0

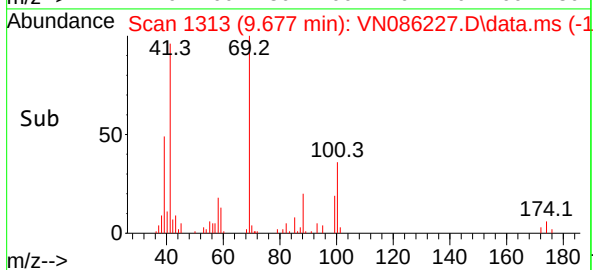
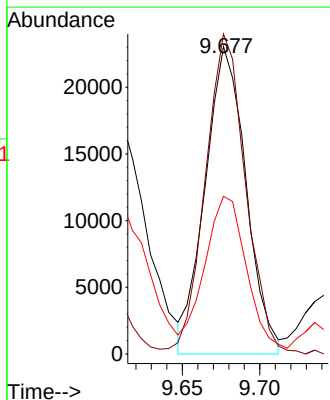
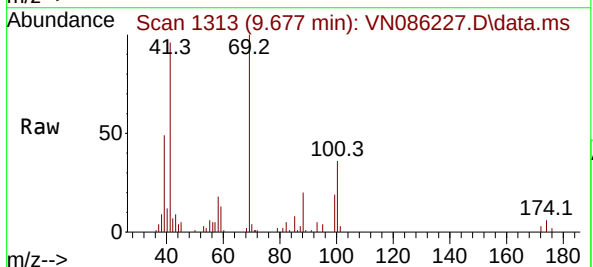
Manual Integrations
APPROVED

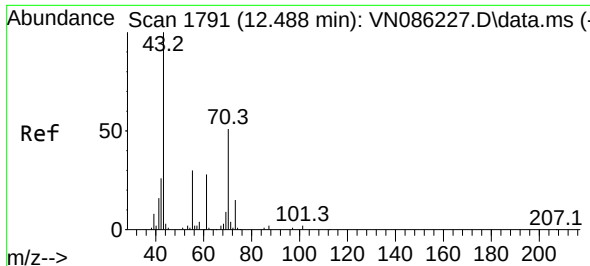
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#46
Methyl methacrylate
Concen: 32.131 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

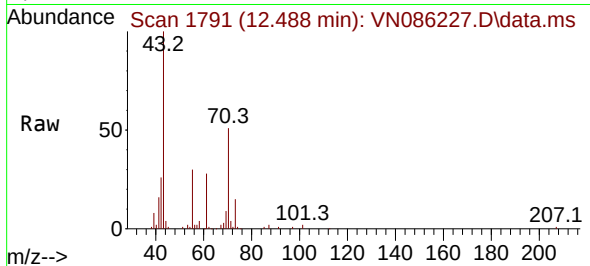
Tgt Ion: 41 Resp: 42259
Ion Ratio Lower Upper
41 100
69 106.3 53.1 159.4
39 50.4 25.2 75.6





#47
n-amy1 Acetate
Concen: 33.006 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

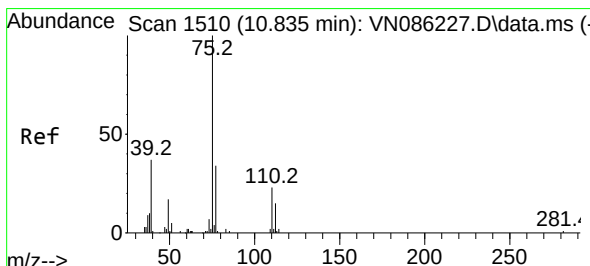
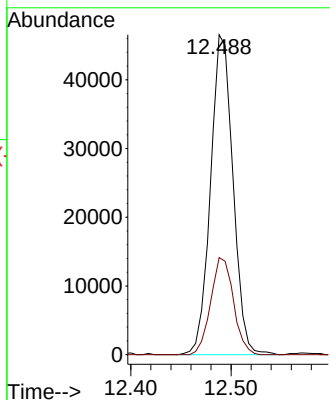
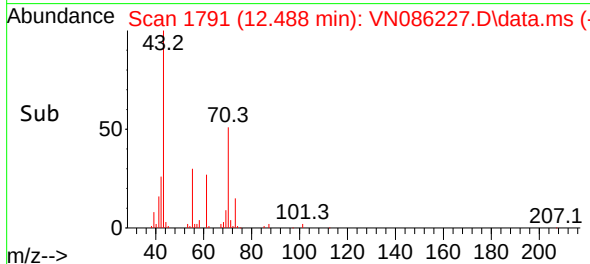
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 7241
Ion Ratio Lower Upper
43 100
55 30.7 24.6 36.8

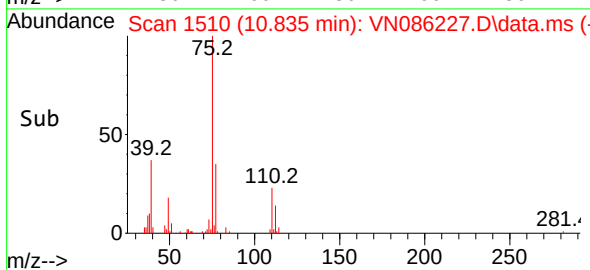
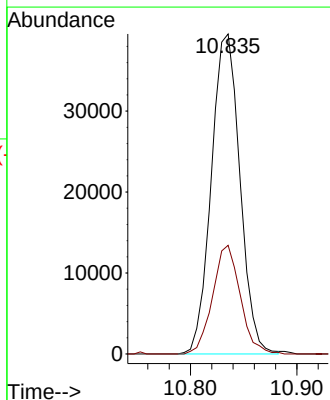
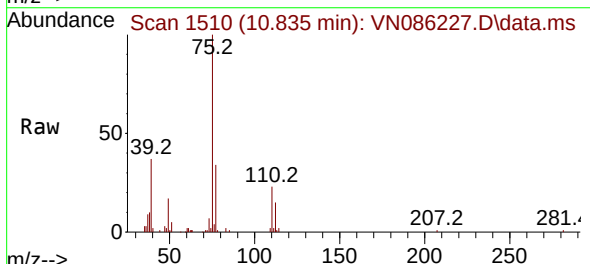
Manual Integrations
APPROVED

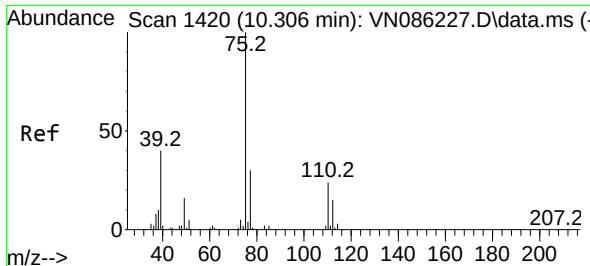
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#48
t-1,3-Dichloropropene
Concen: 31.906 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

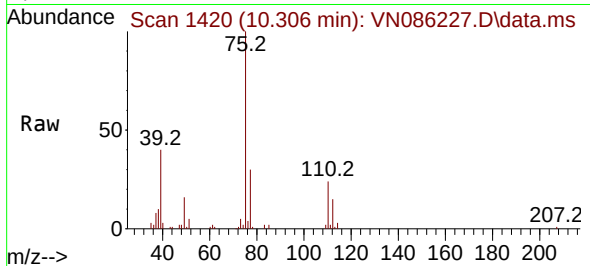
Tgt Ion: 75 Resp: 73789
Ion Ratio Lower Upper
75 100
77 34.0 27.2 40.8





#49
 cis-1,3-Dichloropropene
 Concen: 31.545 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN086227.D
 Acq: 04 Apr 2025 12:26

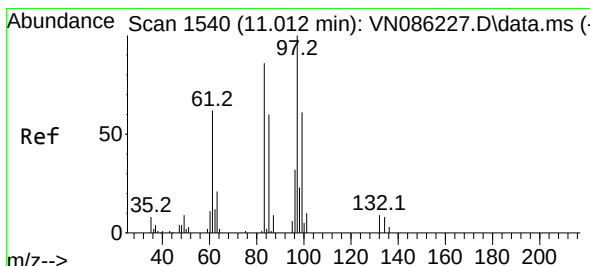
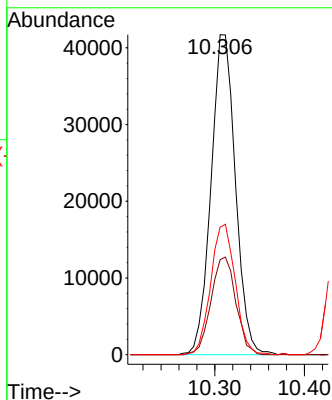
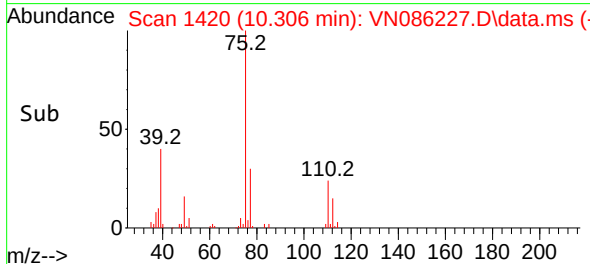
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 7882
 Ion Ratio Lower Upper
 75 100
 77 29.7 23.8 35.6
 39 39.9 31.9 47.9

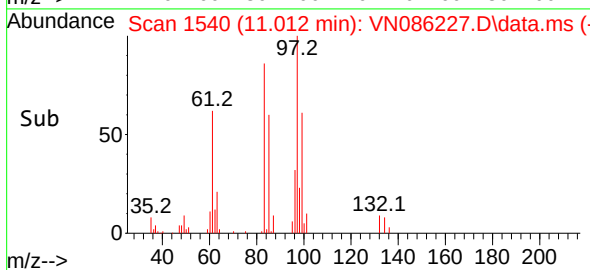
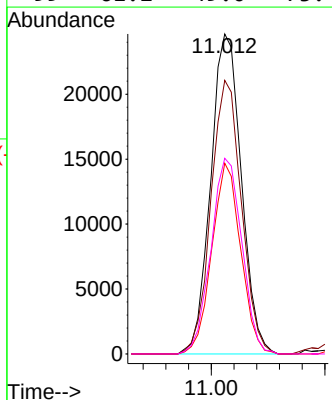
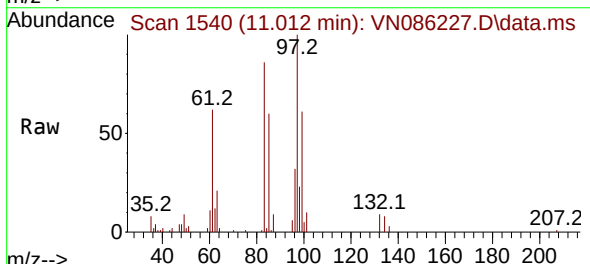
Manual Integrations
 APPROVED

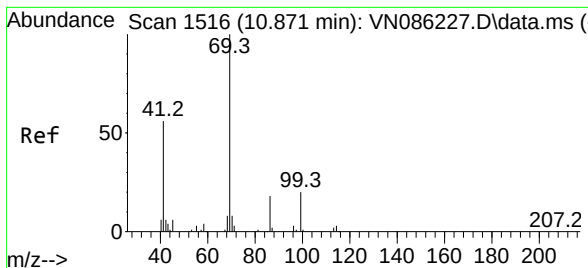
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#50
 1,1,2-Trichloroethane
 Concen: 31.582 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN086227.D
 Acq: 04 Apr 2025 12:26

Tgt Ion: 97 Resp: 46137
 Ion Ratio Lower Upper
 97 100
 83 85.5 68.4 102.6
 85 59.6 47.7 71.5
 99 61.2 49.0 73.4





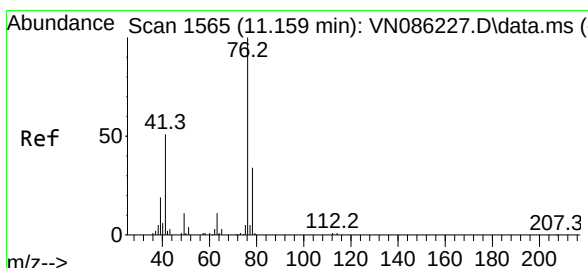
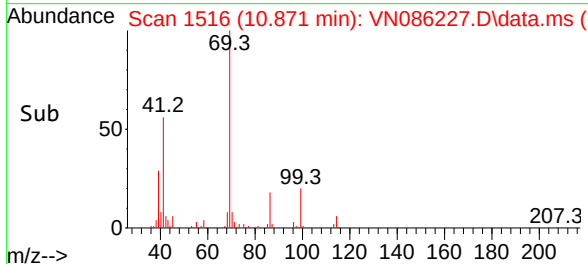
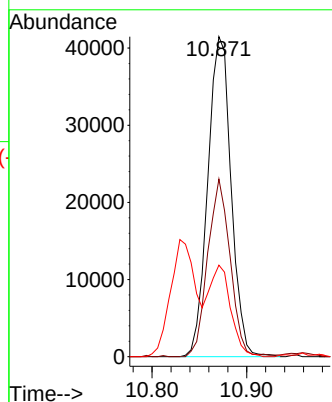
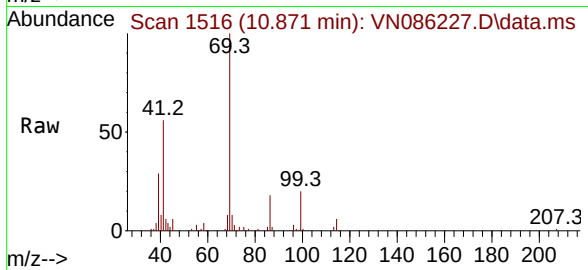
#51
Ethyl methacrylate
Concen: 34.193 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 7091
Ion Ratio Lower Upper
69 100
41 55.5 27.8 83.3
39 28.2 14.1 42.3

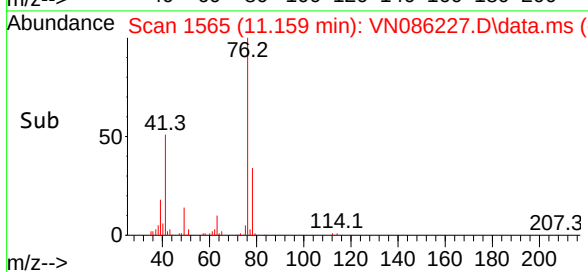
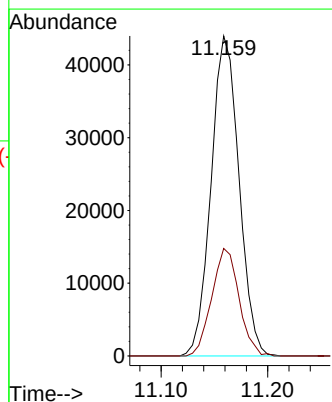
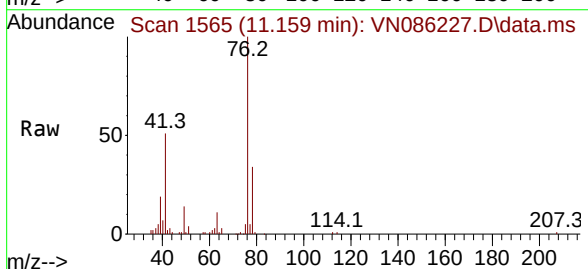
Manual Integrations
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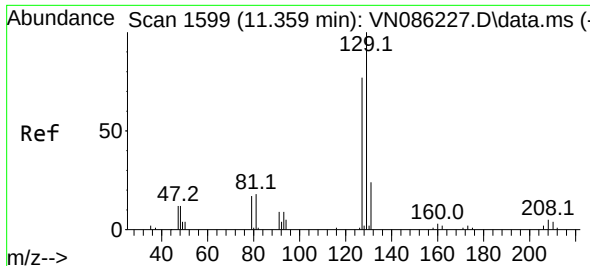
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#52
1,3-Dichloropropane
Concen: 31.424 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

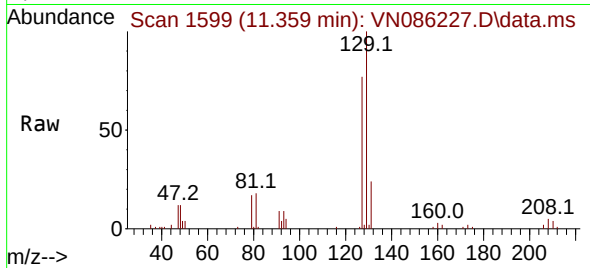
Tgt Ion: 76 Resp: 79979
Ion Ratio Lower Upper
76 100
78 32.7 0.0 65.4





#53
Dibromochloromethane
Concen: 31.854 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

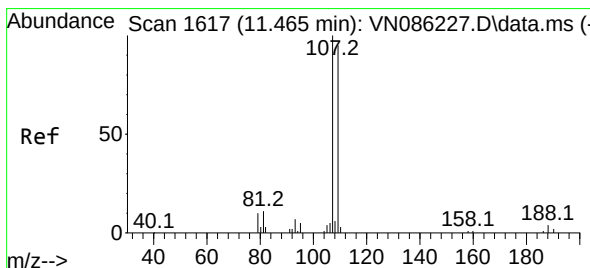
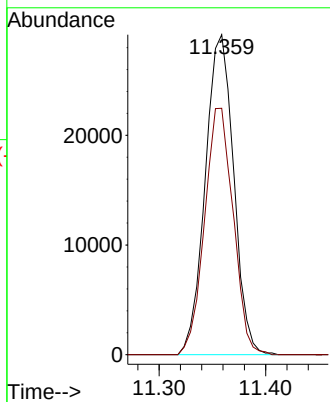
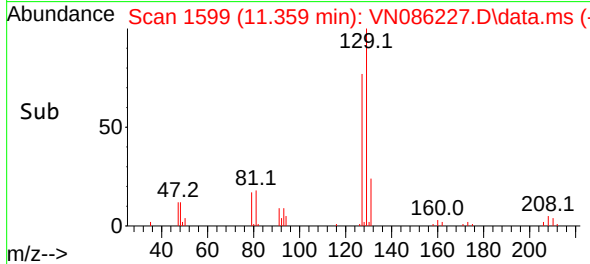
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



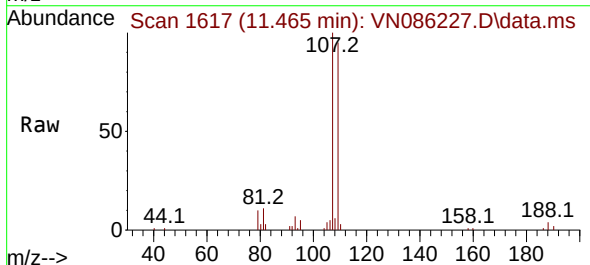
Tgt Ion:129 Resp: 54180
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4

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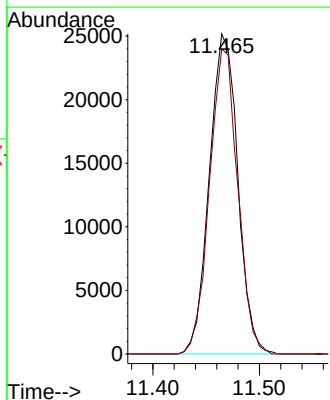
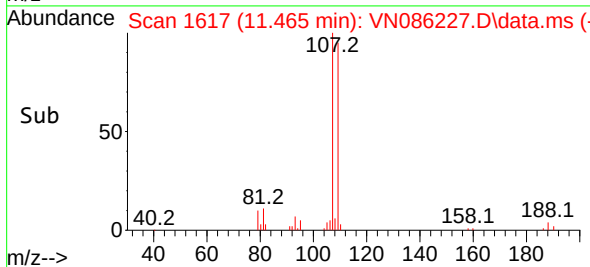
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

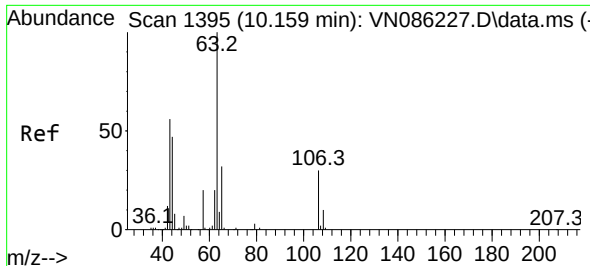


#54
1,2-Dibromoethane
Concen: 31.132 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26



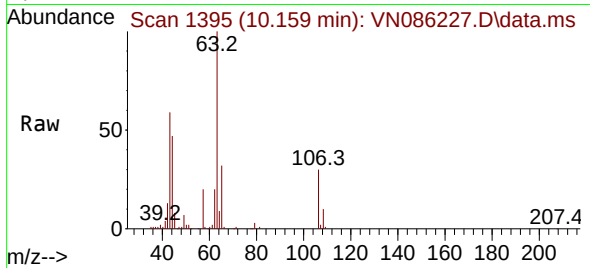
Tgt Ion:107 Resp: 46663
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4





#55
2-Chloroethyl vinyl ether
Concen: 180.581 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

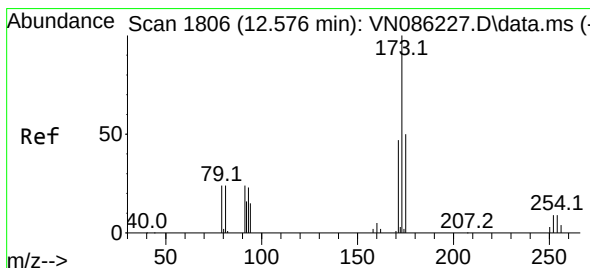
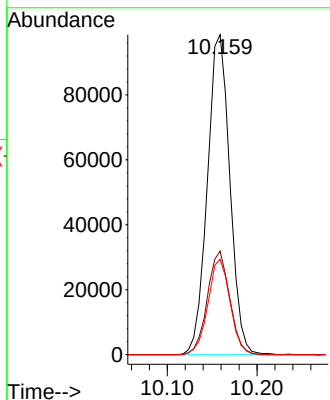
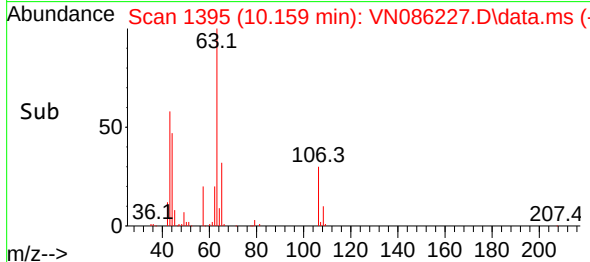
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 17172
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 29.4 23.5 35.3

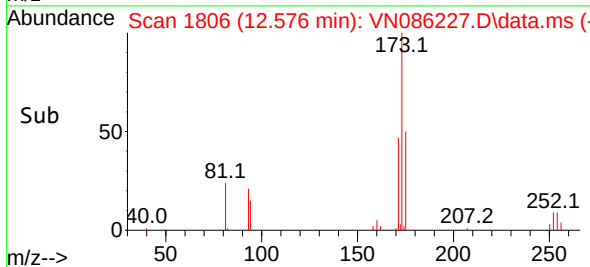
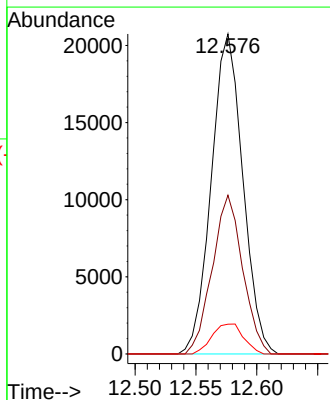
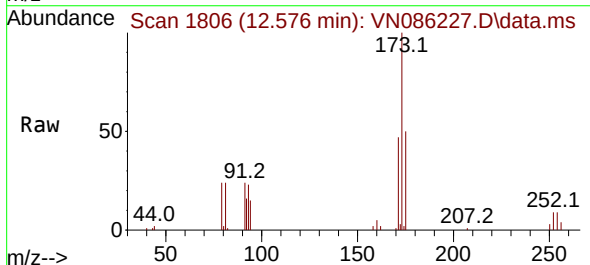
Manual Integrations
APPROVED

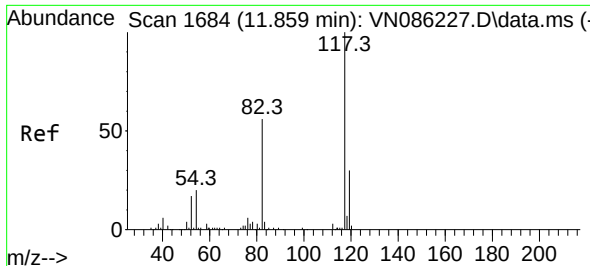
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#56
Bromoform
Concen: 32.468 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

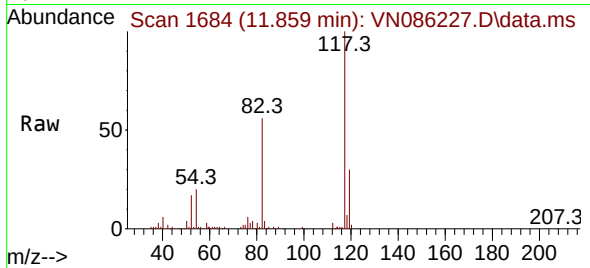
Tgt Ion:173 Resp: 37360
Ion Ratio Lower Upper
173 100
175 47.8 38.2 57.4
254 9.4 7.5 11.3





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

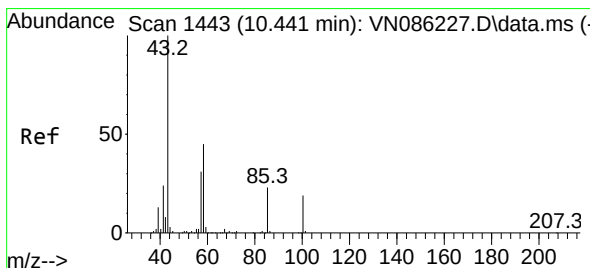
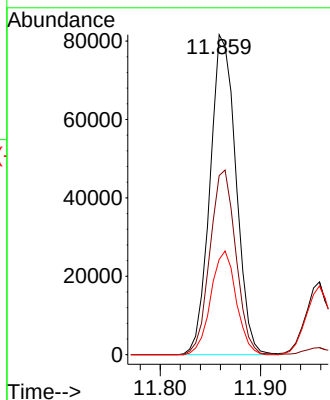
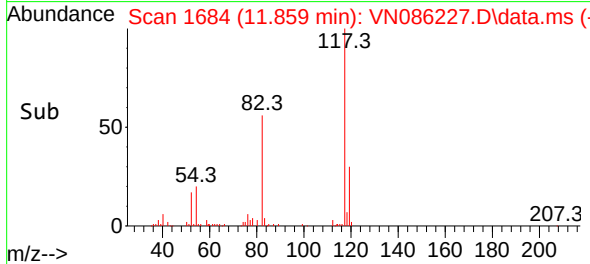
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 146960
Ion Ratio Lower Upper
117 100
82 57.5 46.0 69.0
119 31.7 25.4 38.0

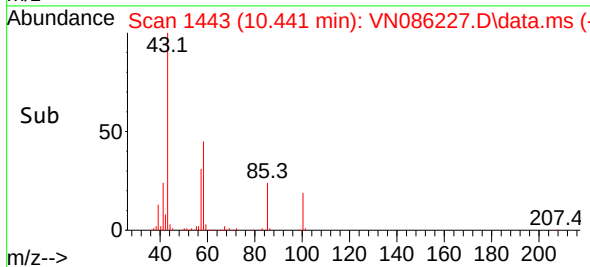
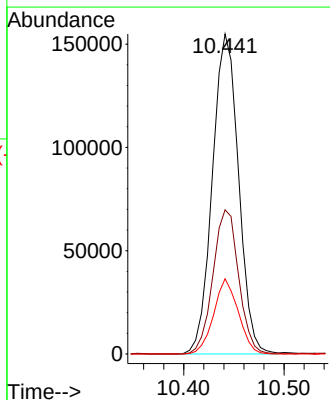
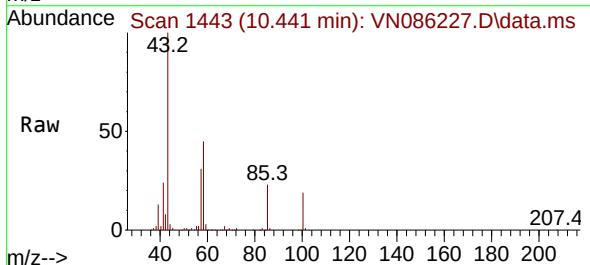
Manual Integrations
APPROVED

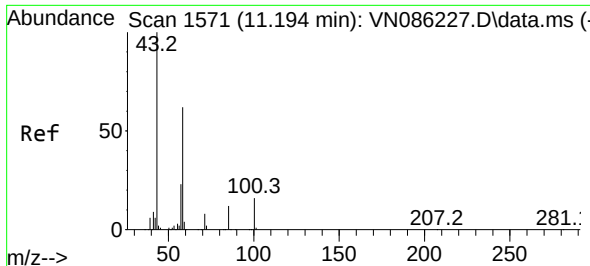
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#58
4-Methyl-2-Pentanone
Concen: 161.786 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

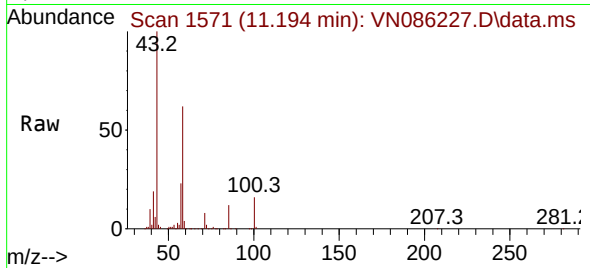
Tgt Ion: 43 Resp: 280611
Ion Ratio Lower Upper
43 100
58 44.3 35.4 53.2
85 22.0 17.6 26.4





#59
2-Hexanone
Concen: 163.921 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

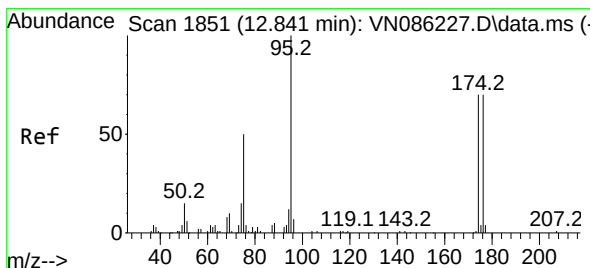
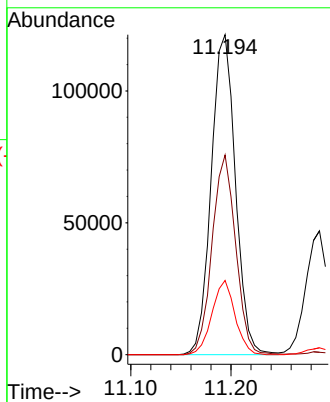
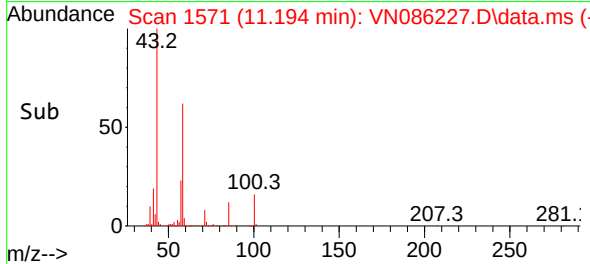
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



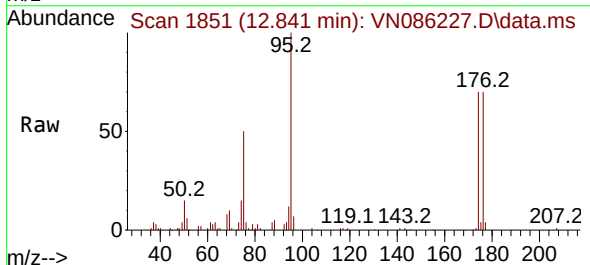
Tgt Ion: 43 Resp: 204078
Ion Ratio Lower Upper
43 100
58 60.6 48.5 72.7
57 22.1 17.7 26.5

Manual Integrations
APPROVED

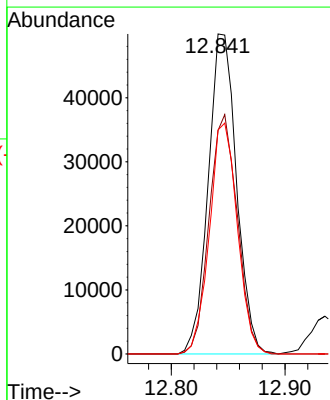
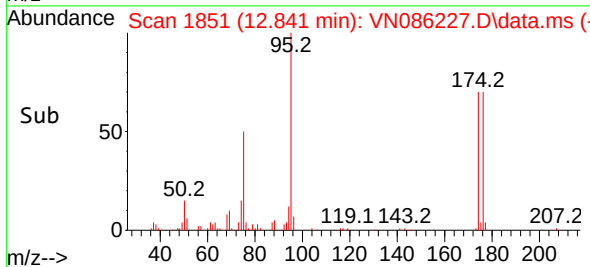
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

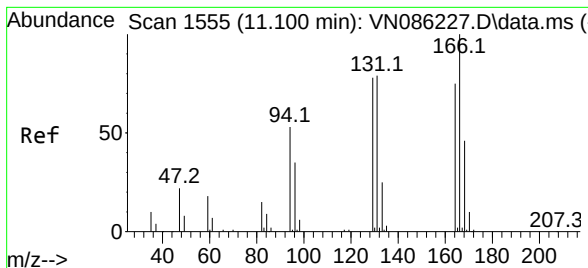


#60
4-Bromofluorobenzene
Concen: 31.676 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26



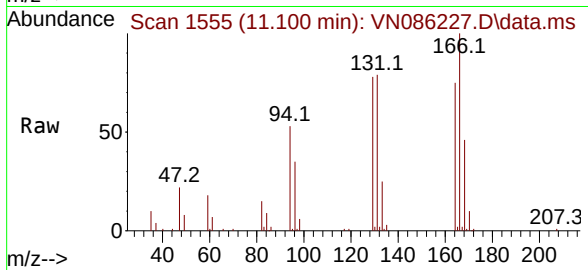
Tgt Ion: 95 Resp: 86738
Ion Ratio Lower Upper
95 100
174 74.6 59.7 89.5
176 71.0 56.8 85.2





#61
Tetrachloroethene
Concen: 31.304 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

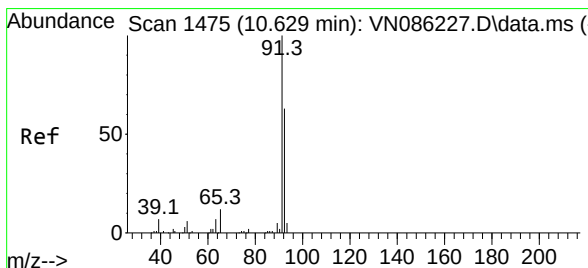
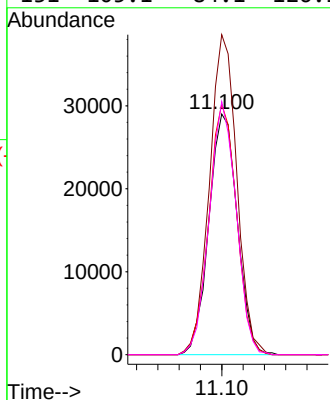
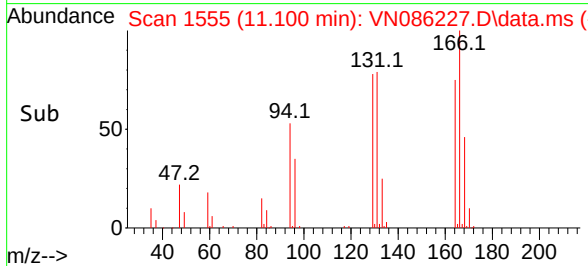
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 53694
Ion Ratio Lower Upper
164 100
166 132.9 106.3 159.5
129 104.1 83.3 124.9
131 105.1 84.1 126.1

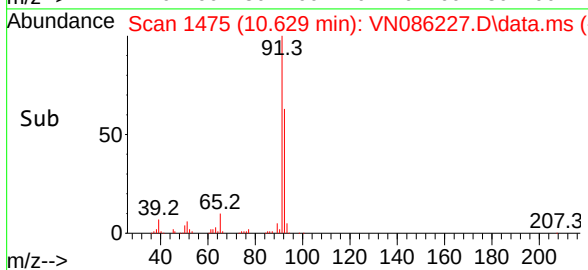
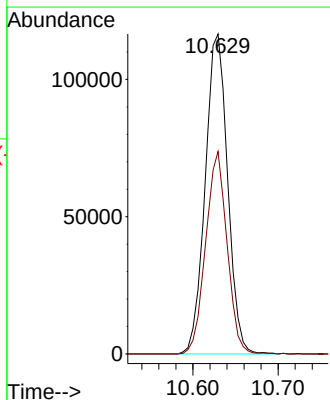
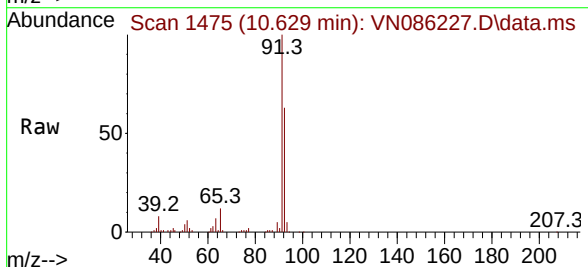
Manual Integrations
APPROVED

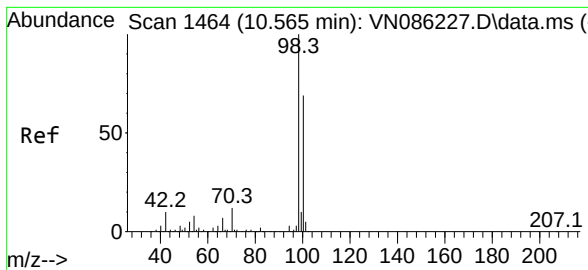
Reviewed By :John Carbone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#62
Toluene
Concen: 31.737 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

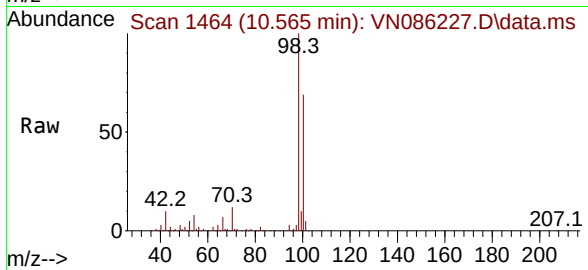
Tgt Ion: 91 Resp: 212924
Ion Ratio Lower Upper
91 100
92 60.3 48.2 72.4





#63
Toluene-d8
Concen: 30.020 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

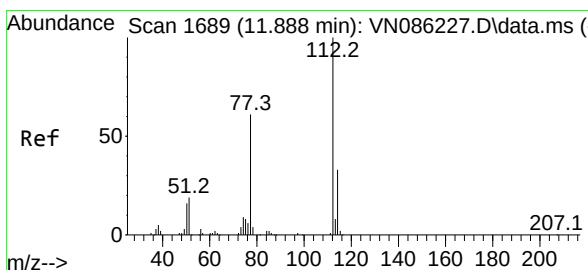
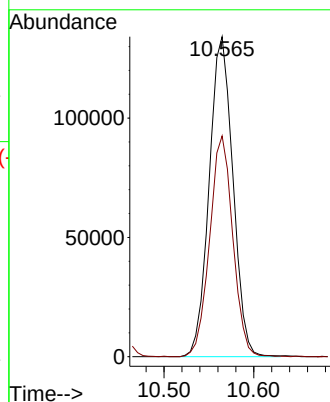
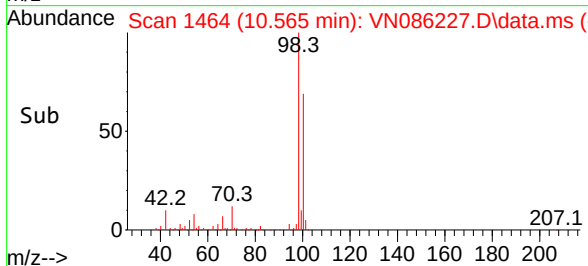
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 98 Resp: 24612
Ion Ratio Lower Upper
98 100
100 67.4 53.9 80.9

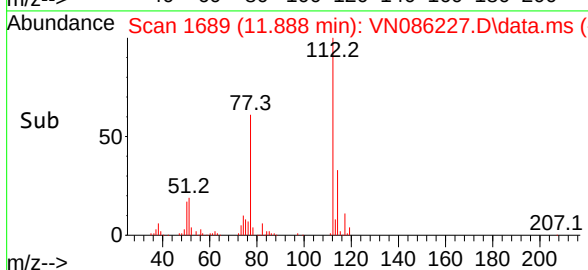
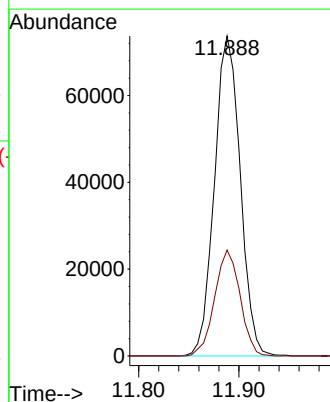
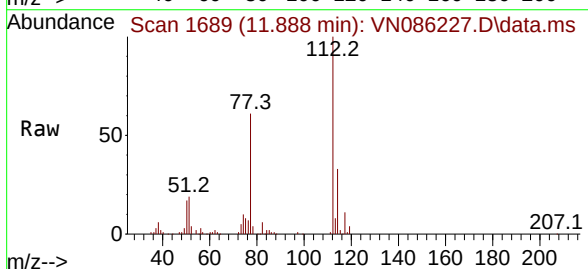
Manual Integrations
APPROVED

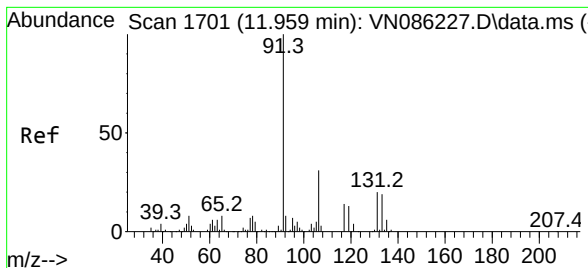
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#64
Chlorobenzene
Concen: 31.459 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

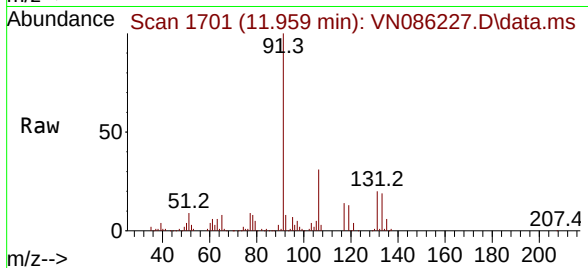
Tgt Ion:112 Resp: 131687
Ion Ratio Lower Upper
112 100
114 33.1 26.5 39.7





#65
1,1,1,2-Tetrachloroethane
Concen: 31.403 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

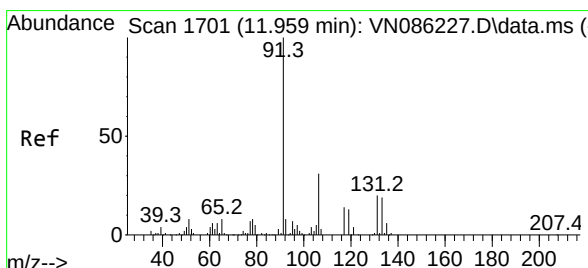
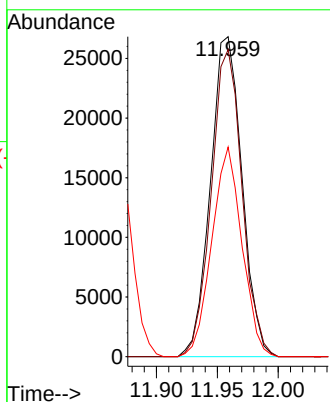
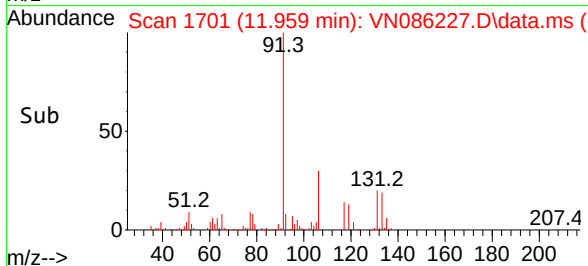
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



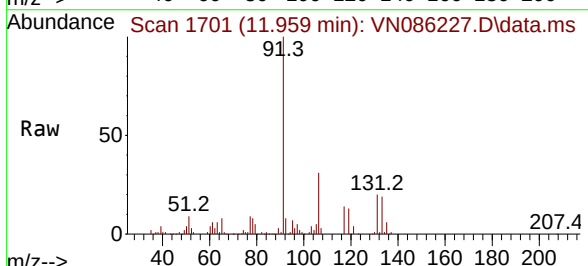
Tgt Ion:131 Resp: 4837
Ion Ratio Lower Upper
131 100
133 93.5 0.0 187.0
119 62.6 0.0 125.2

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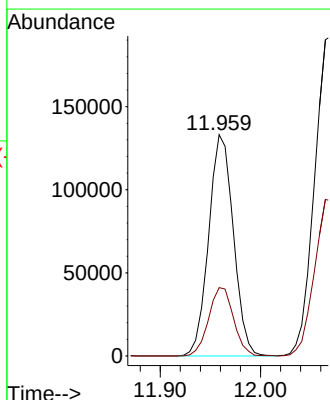
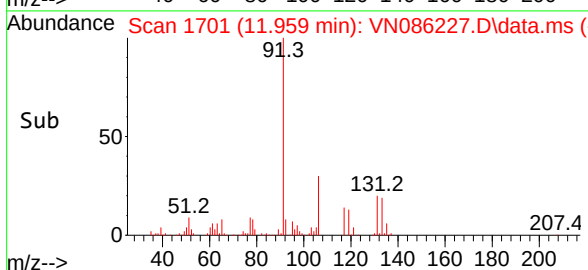
Reviewed By :John Carbone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

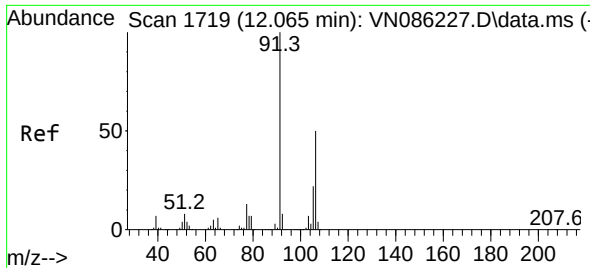


#66
Ethyl Benzene
Concen: 32.749 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26



Tgt Ion: 91 Resp: 227993
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1





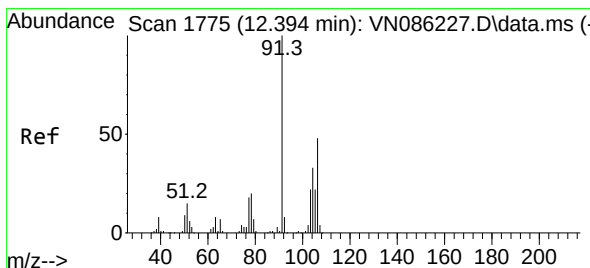
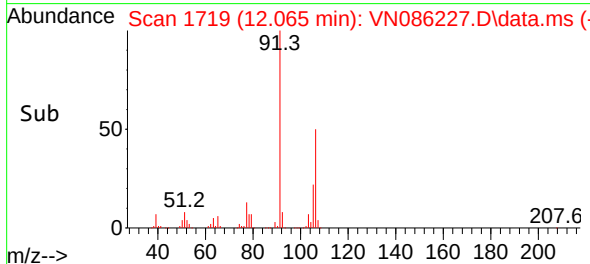
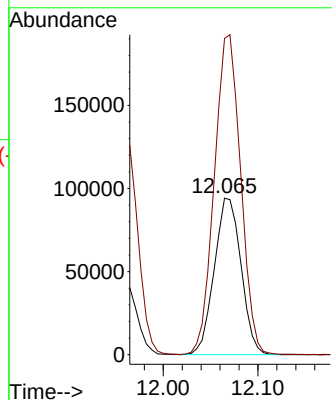
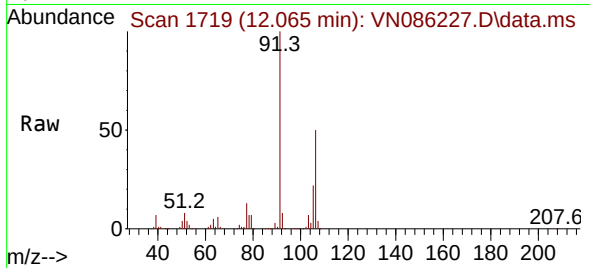
#67
m/p-Xylenes
Concen: 67.267 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 18487
Ion Ratio Lower Upper
106 100
91 201.7 161.4 242.0

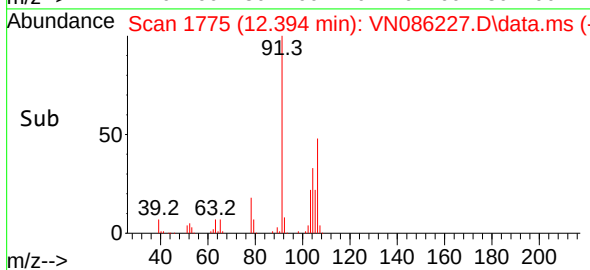
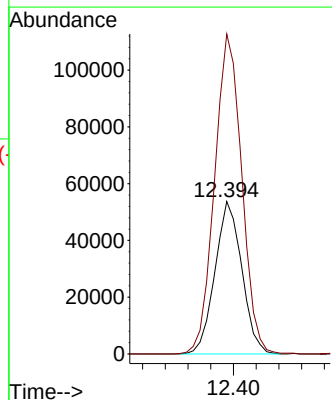
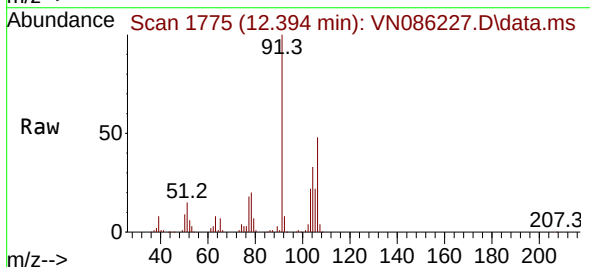
Manual Integrations
APPROVED

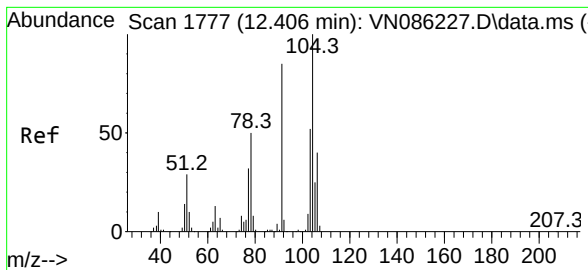
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#68
o-Xylene
Concen: 33.271 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Tgt Ion:106 Resp: 88264
Ion Ratio Lower Upper
106 100
91 212.1 106.1 318.1





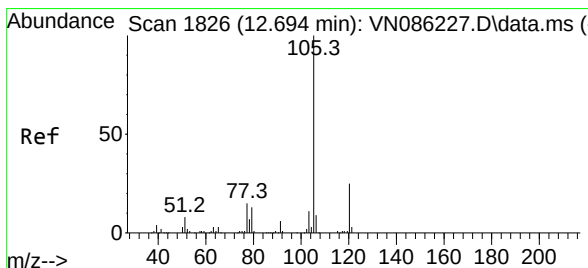
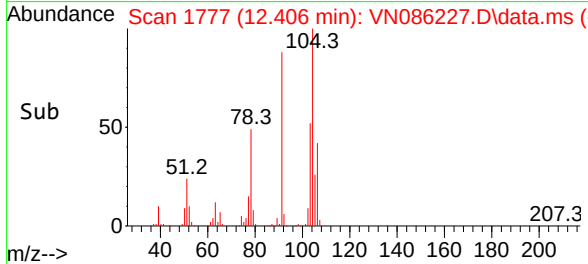
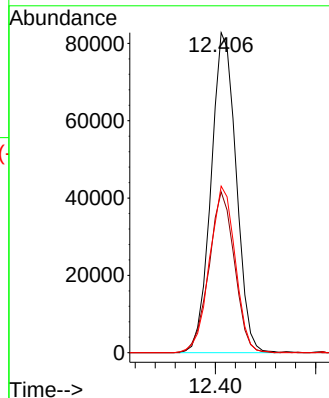
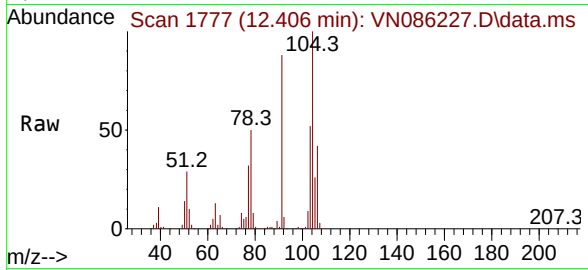
#69
Styrene
Concen: 34.021 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 14392
Ion Ratio Lower Upper
104 100
78 51.1 40.9 61.3
103 53.2 42.6 63.8

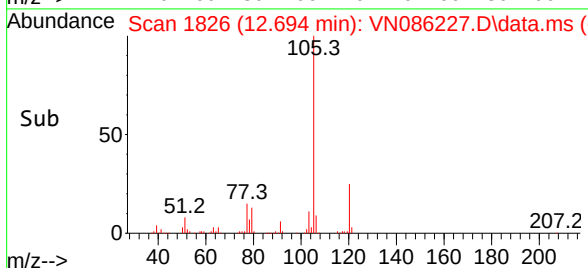
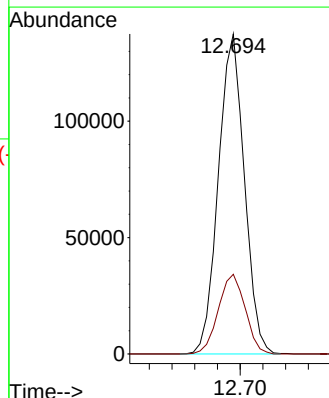
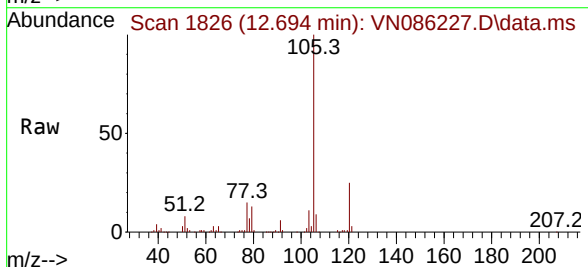
Manual Integrations
APPROVED

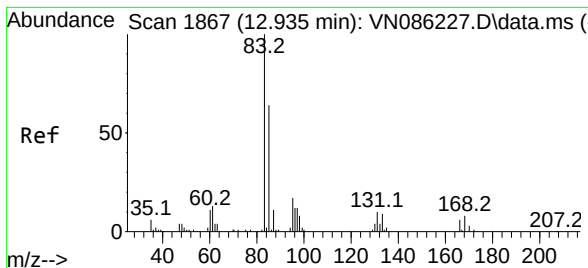
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#70
Isopropylbenzene
Concen: 32.953 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Tgt Ion:105 Resp: 218173
Ion Ratio Lower Upper
105 100
120 25.7 18.0 33.4





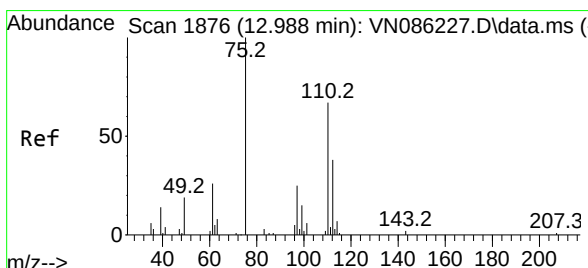
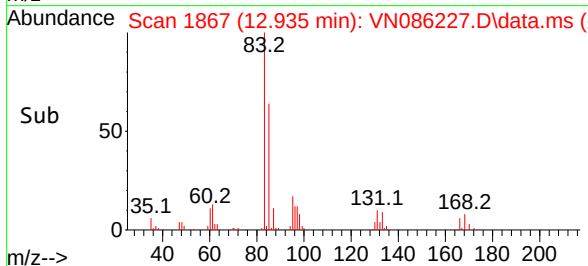
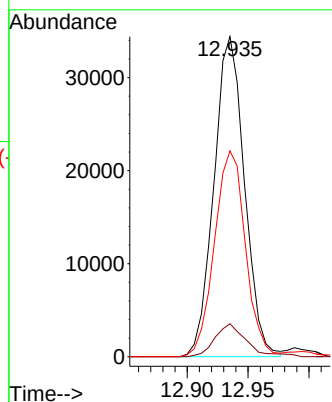
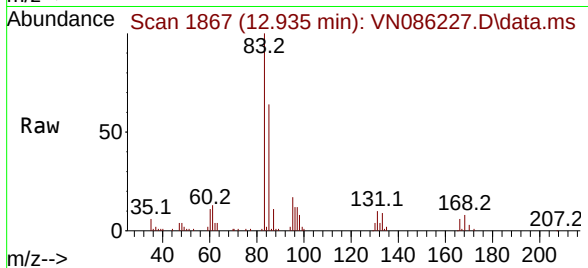
#71
1,1,2,2-Tetrachloroethane
Concen: 31.289 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 6008
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 65.2 32.6 97.8

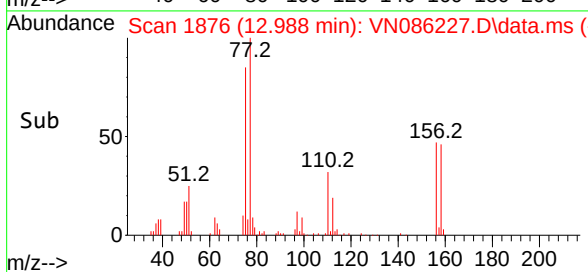
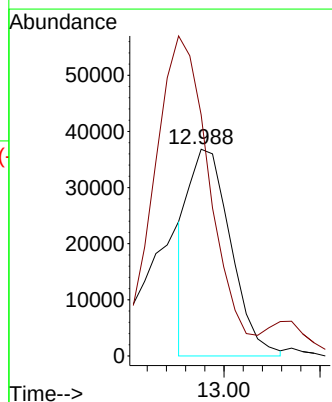
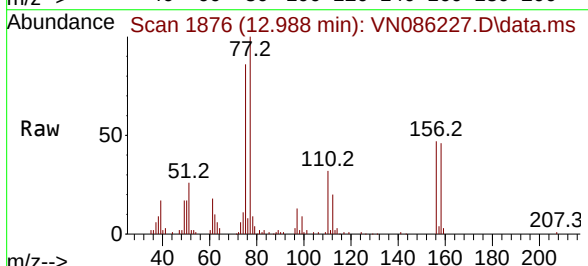
Manual Integrations
APPROVED

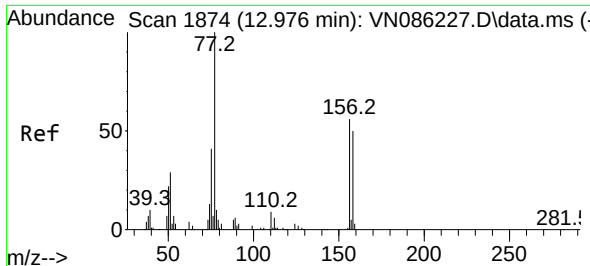
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#72
1,2,3-Trichloropropane
Concen: 30.346 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 75 Resp: 56266
Ion Ratio Lower Upper
75 100
77 206.1 0.0 412.2





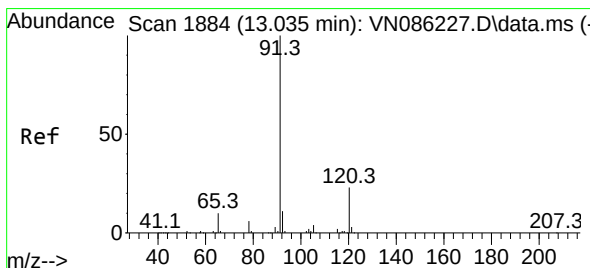
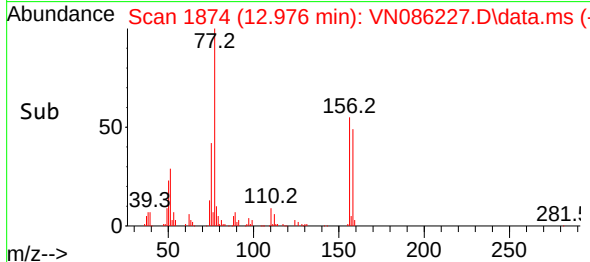
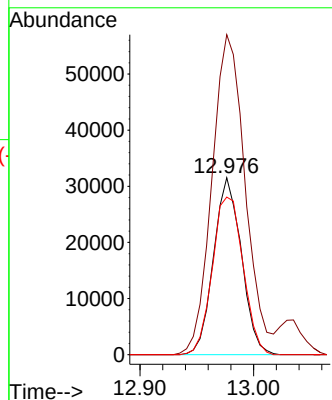
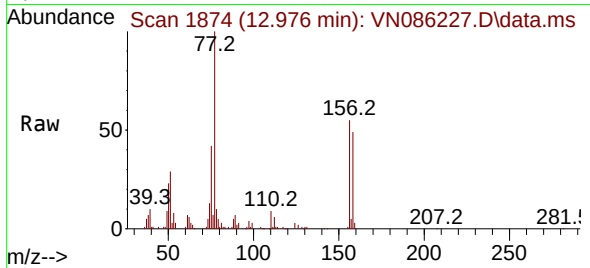
#73
Bromobenzene
Concen: 31.487 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 156 Resp: 5371
Ion Ratio Lower Upper
156 100
77 215.9 0.0 431.8
158 98.5 0.0 197.0

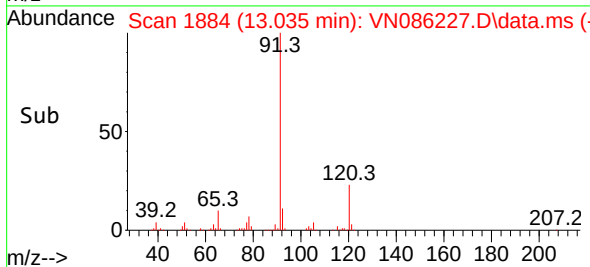
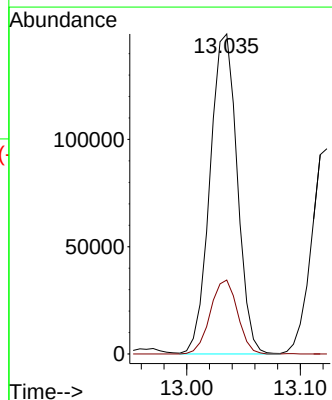
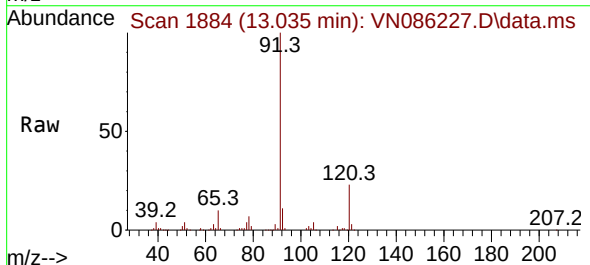
Manual Integrations
APPROVED

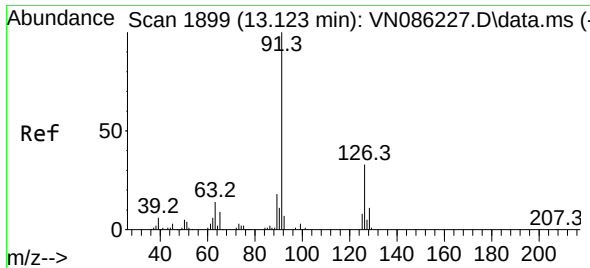
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#74
n-propylbenzene
Concen: 32.808 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Tgt Ion: 91 Resp: 248664
Ion Ratio Lower Upper
91 100
120 23.0 0.0 46.0





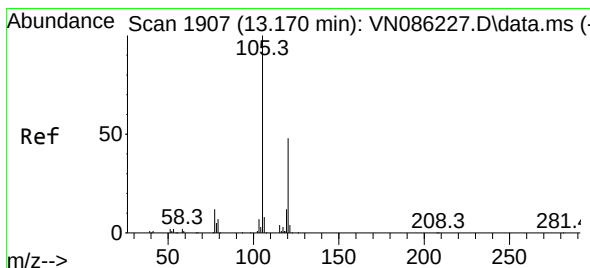
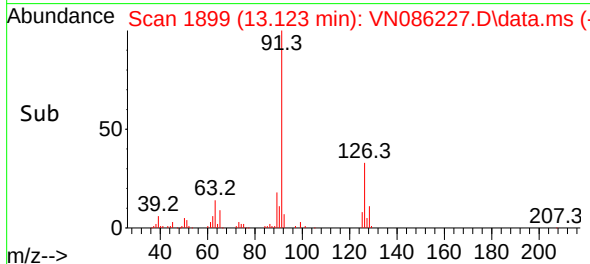
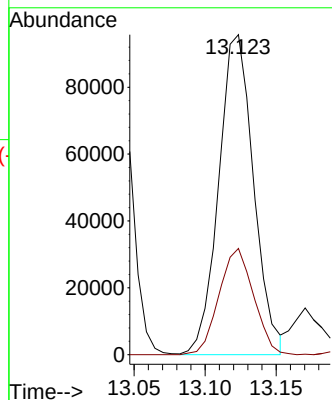
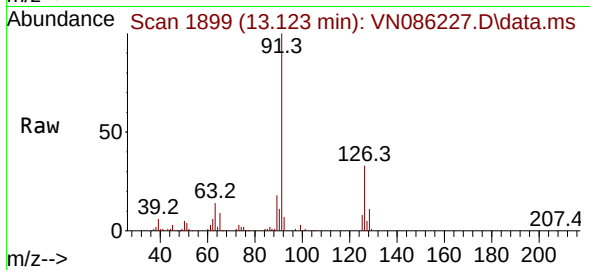
#75
2-Chlorotoluene
Concen: 32.435 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 163715
Ion Ratio Lower Upper
91 100
126 32.8 0.0 65.6

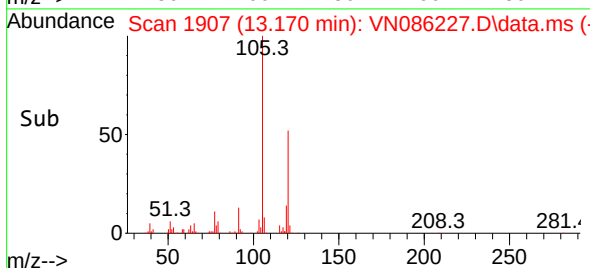
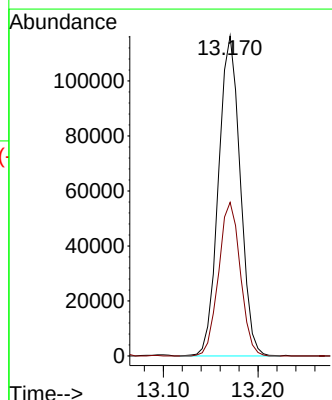
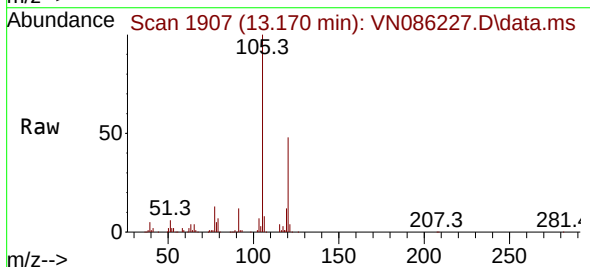
Manual Integrations
APPROVED

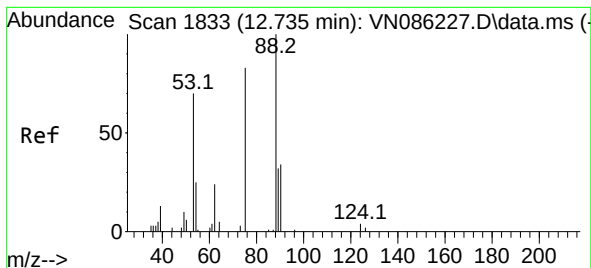
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#76
1,3,5-Trimethylbenzene
Concen: 33.304 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Tgt Ion:105 Resp: 185904
Ion Ratio Lower Upper
105 100
120 47.9 0.0 95.8





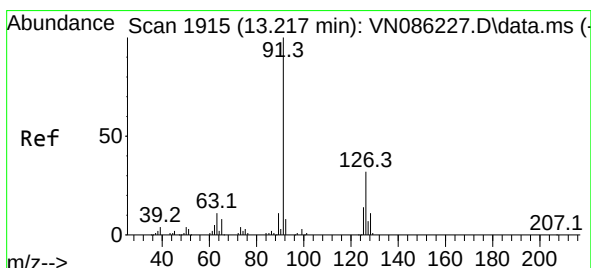
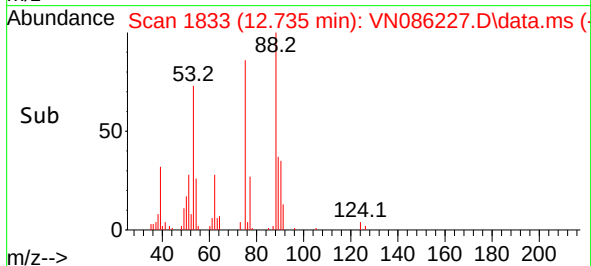
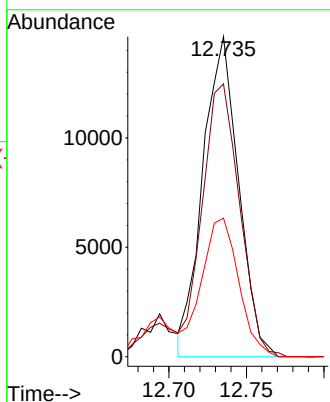
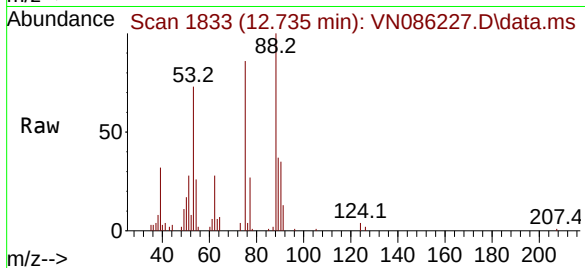
#77
t-1,4-Dichloro-2-butene
Concen: 31.674 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 23424
Ion Ratio Lower Upper
75 100
53 84.0 42.0 126.0
89 43.3 21.6 65.0

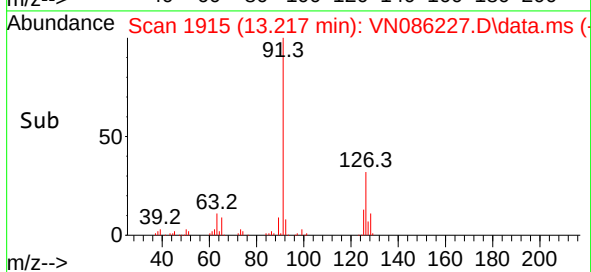
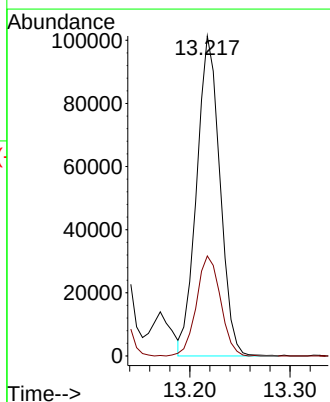
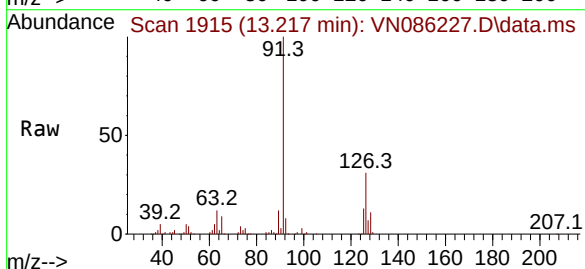
Manual Integrations
APPROVED

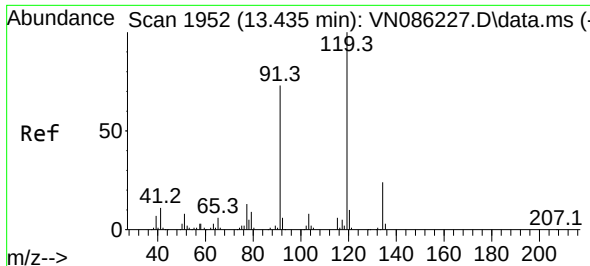
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#78
4-Chlorotoluene
Concen: 32.681 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

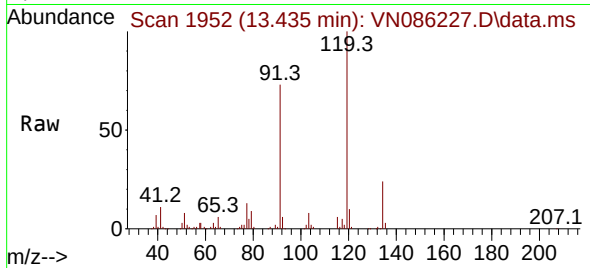
Tgt Ion: 91 Resp: 163587
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.4





#79
tert-butylbenzene
Concen: 32.502 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

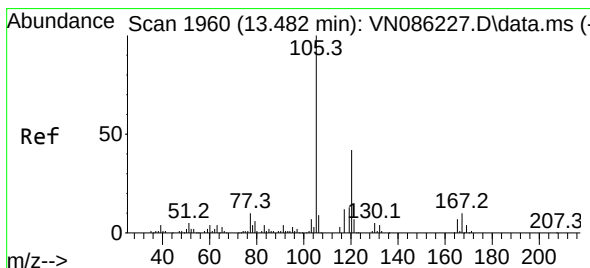
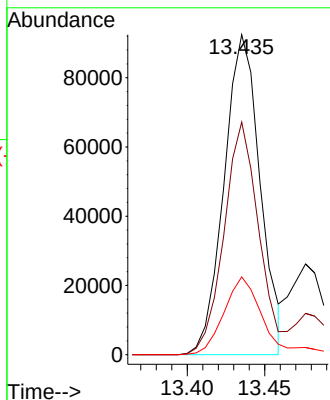
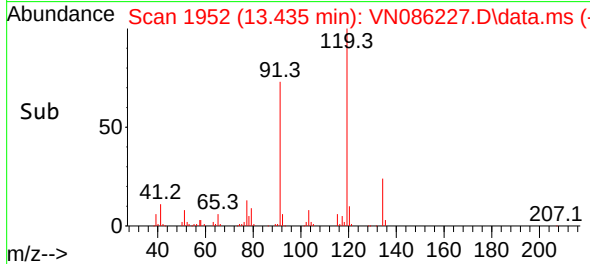
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



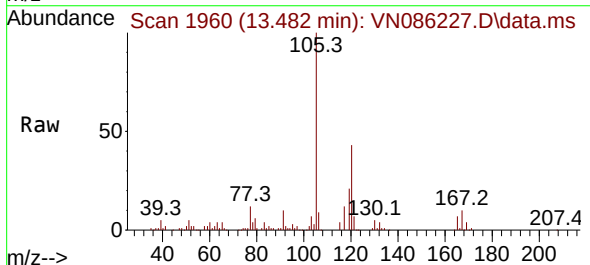
Tgt Ion:119 Resp: 149500
Ion Ratio Lower Upper
119 100
91 69.3 0.0 138.6
134 24.6 0.0 49.2

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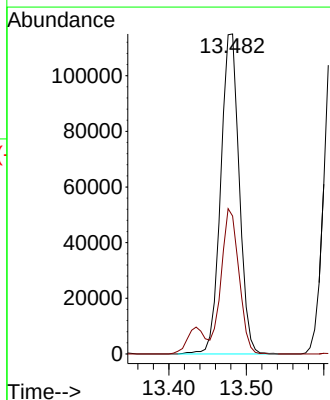
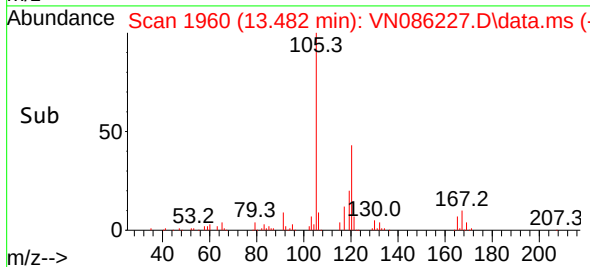
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

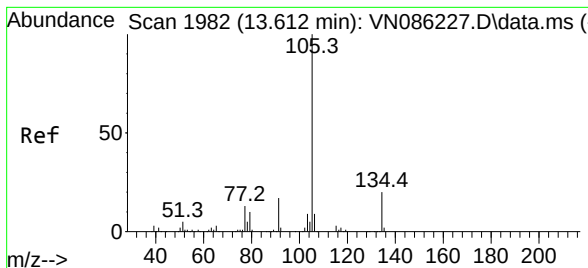


#80
1,2,4-Trimethylbenzene
Concen: 34.032 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26



Tgt Ion:105 Resp: 190608
Ion Ratio Lower Upper
105 100
120 43.3 0.0 86.6





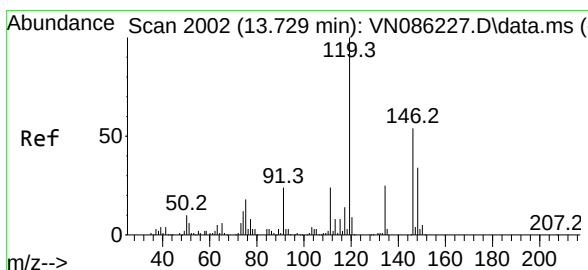
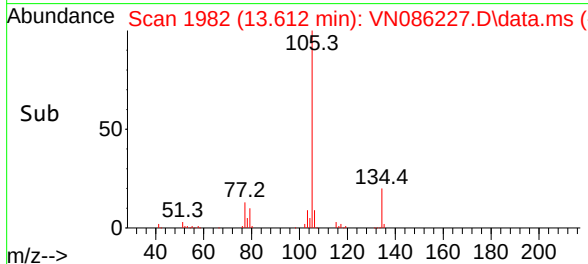
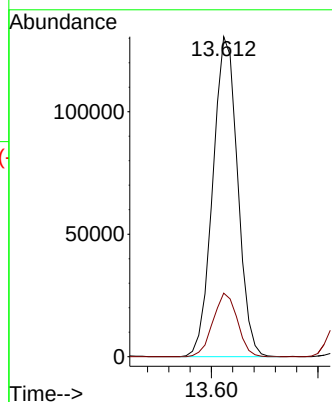
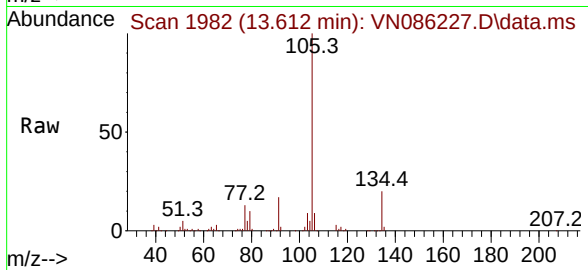
#81
 sec-Butylbenzene
 Concen: 33.501 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086227.D
 Acq: 04 Apr 2025 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 21105
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.0

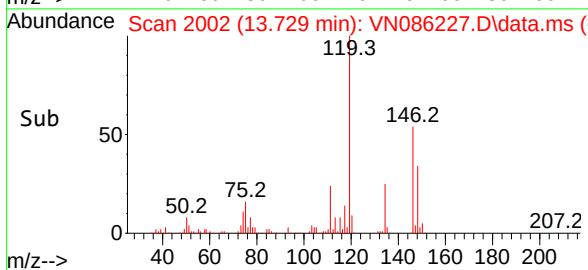
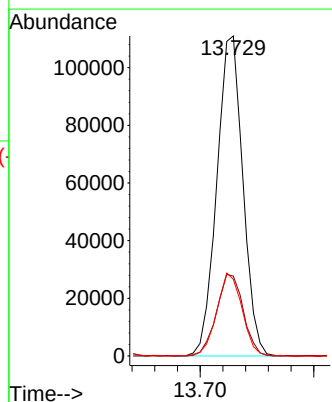
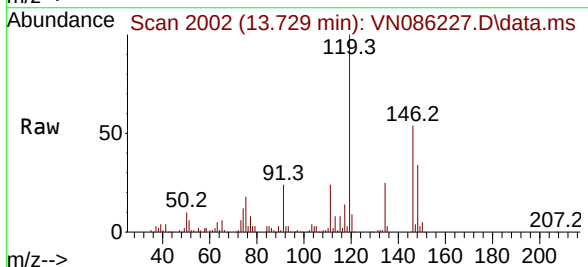
Manual Integrations
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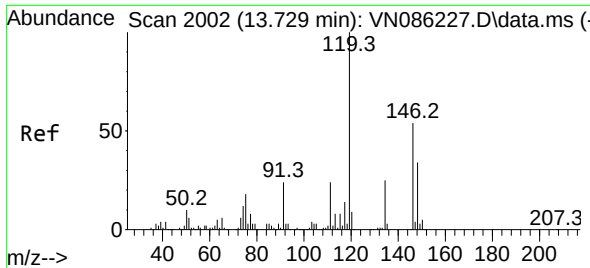
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#82
 p-Isopropyltoluene
 Concen: 34.312 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086227.D
 Acq: 04 Apr 2025 12:26

Tgt Ion:119 Resp: 176855
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 25.2 0.0 50.4





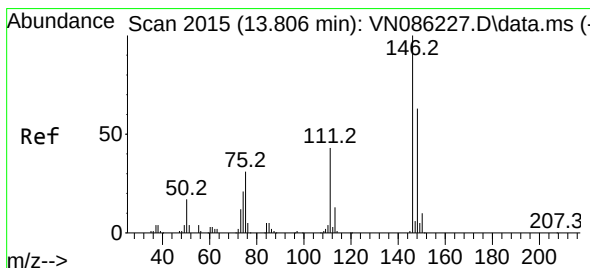
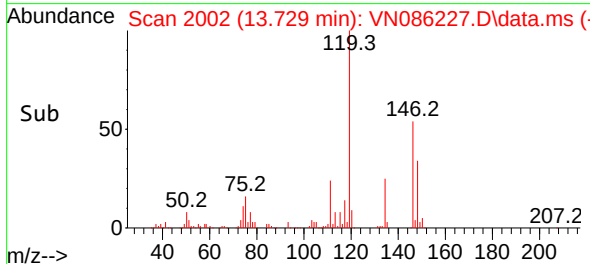
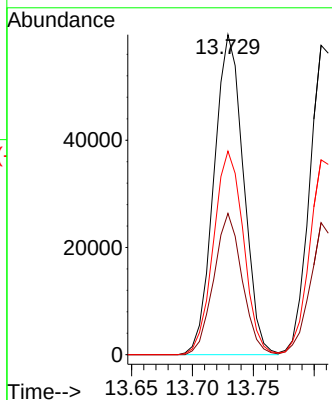
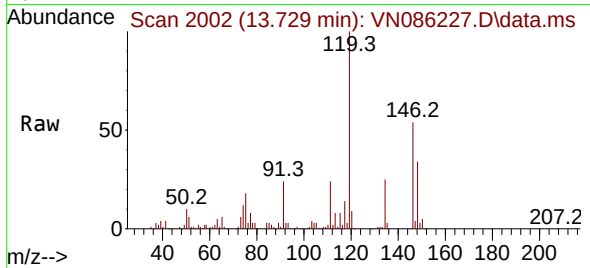
#83
 1,3-Dichlorobenzene
 Concen: 32.567 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN086227.D
 Acq: 04 Apr 2025 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:146 Resp: 100910
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.4
 148 64.5 32.3 96.8

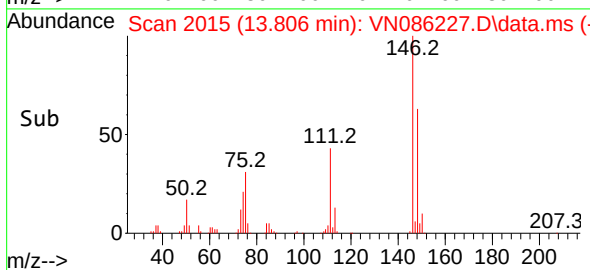
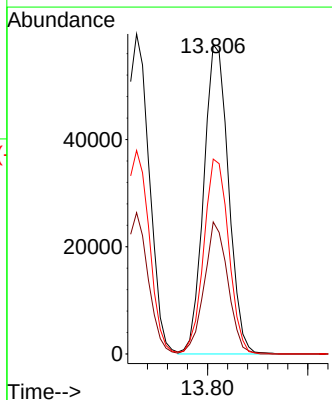
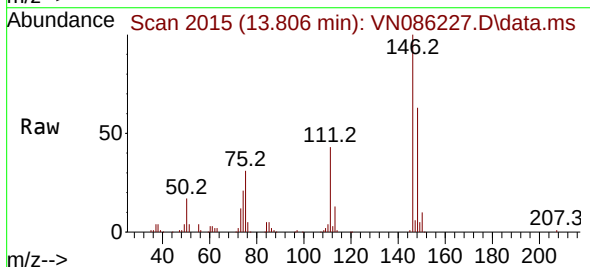
Manual Integrations
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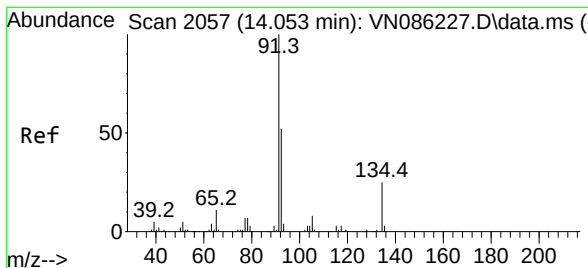
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#84
 1,4-Dichlorobenzene
 Concen: 32.726 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. 0.000 min
 Lab File: VN086227.D
 Acq: 04 Apr 2025 12:26

Tgt Ion:146 Resp: 98978
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.4 61.3
 148 63.2 31.6 94.8





#85

n-Butylbenzene

Concen: 34.456 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

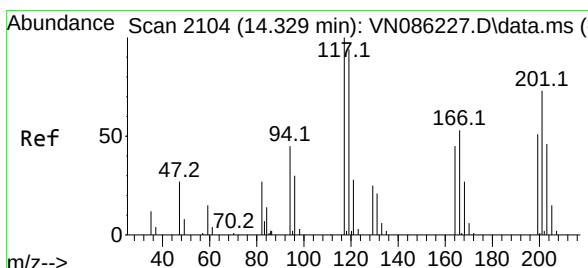
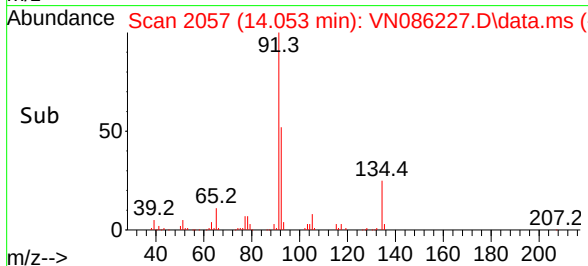
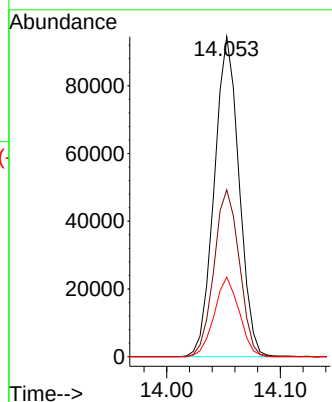
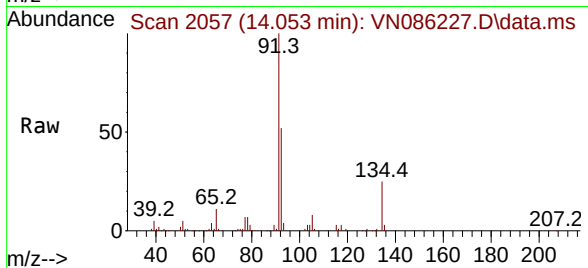
Tgt Ion:	91	Resp:	14339
Ion Ratio	Lower	Upper	
91	100		
92	53.1	0.0	106.2
134	24.9	0.0	49.8

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#86

Hexachloroethane

Concen: 31.849 ug/l

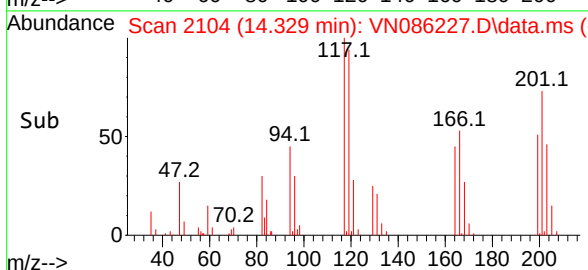
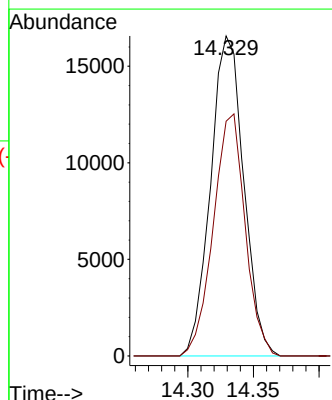
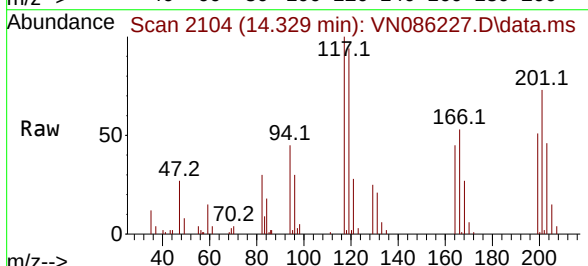
RT: 14.329 min Scan# 2104

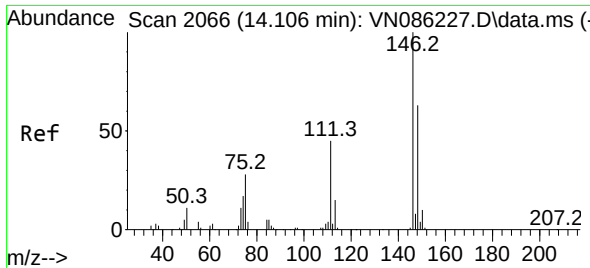
Delta R.T. 0.000 min

Lab File: VN086227.D

Acq: 04 Apr 2025 12:26

Tgt Ion:	117	Resp:	29090
Ion Ratio	Lower	Upper	
117	100		
201	72.8	36.4	109.2





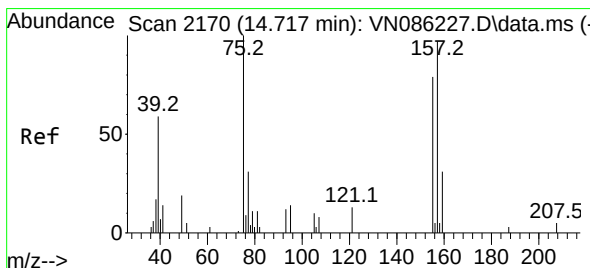
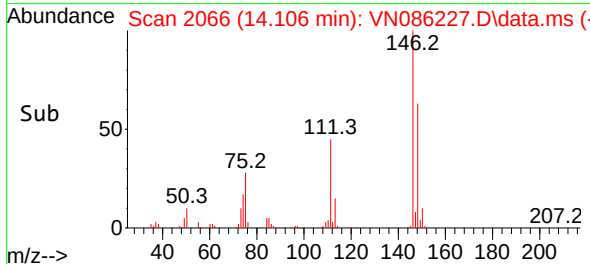
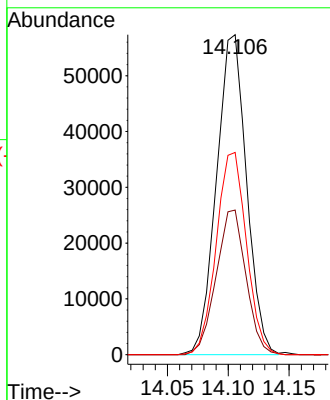
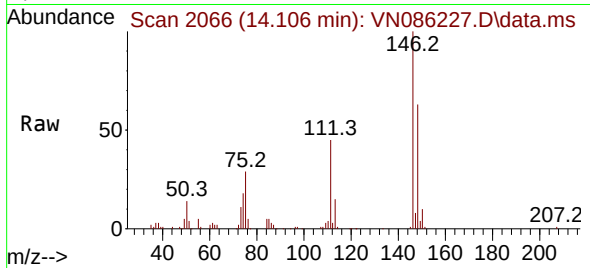
#87
1,2-Dichlorobenzene
Concen: 32.426 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 9841
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.2
148 63.5 31.8 95.3

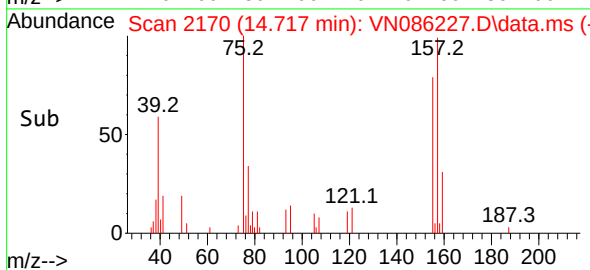
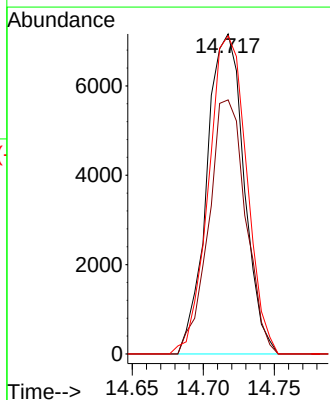
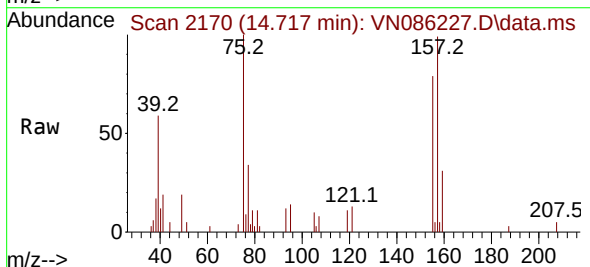
Manual Integrations
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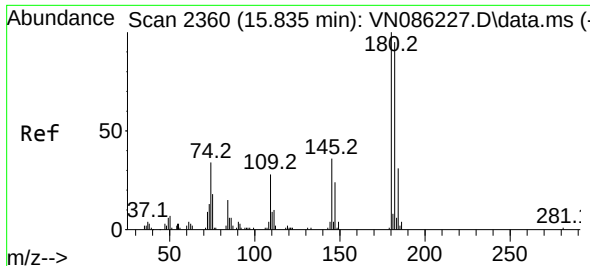
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 31.927 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

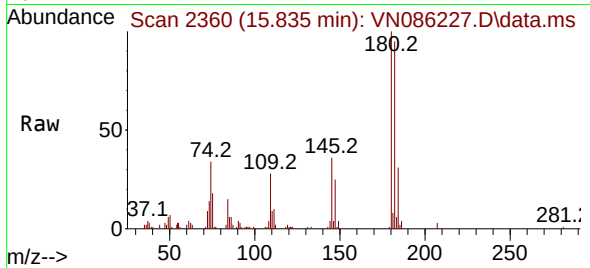
Tgt Ion: 75 Resp: 13045
Ion Ratio Lower Upper
75 100
155 79.1 63.3 94.9
157 101.6 81.3 121.9





#89
1,2,4-Trichlorobenzene
Concen: 32.111 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

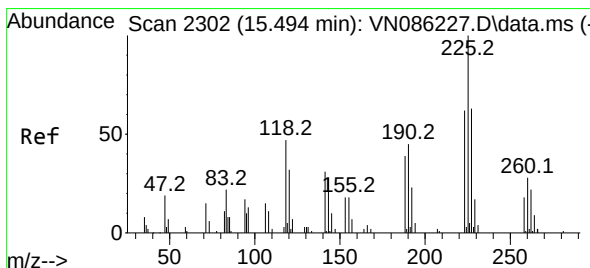
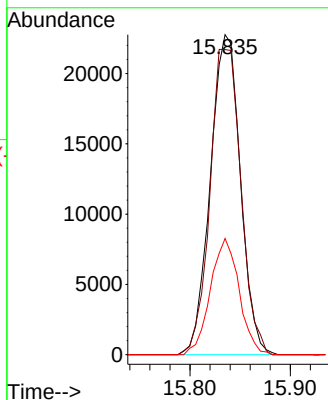
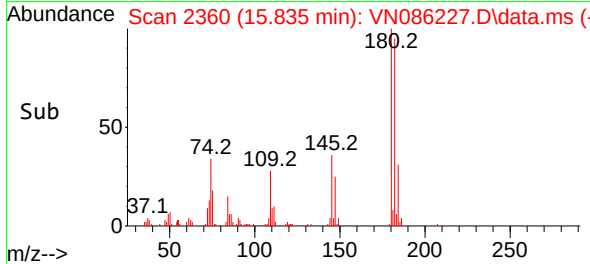
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



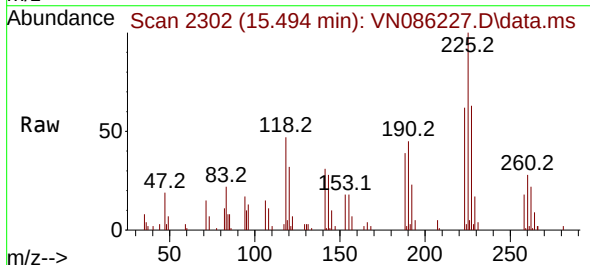
Tgt Ion:180 Resp: 47414
Ion Ratio Lower Upper
180 100
182 98.2 78.6 117.8
145 34.7 27.8 41.6

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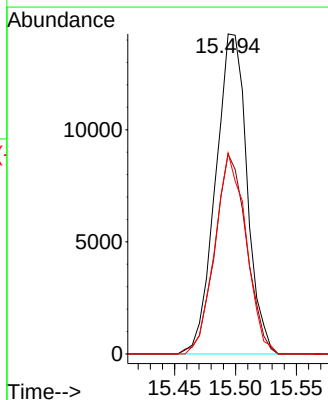
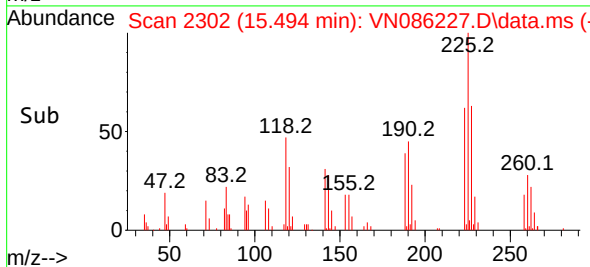
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

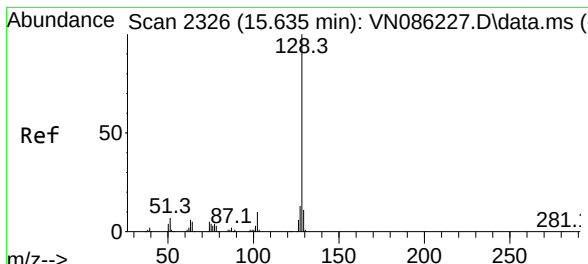


#90
Hexachlorobutadiene
Concen: 31.697 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26



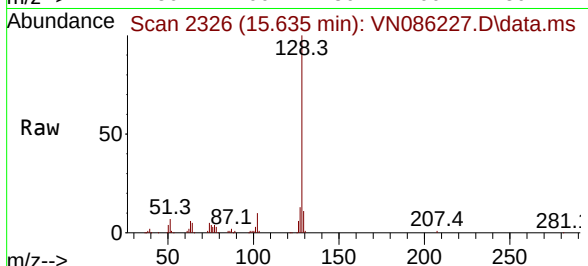
Tgt Ion:225 Resp: 25656
Ion Ratio Lower Upper
225 100
223 63.1 0.0 126.2
227 62.3 0.0 124.6





#91
Naphthalene
Concen: 32.945 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26

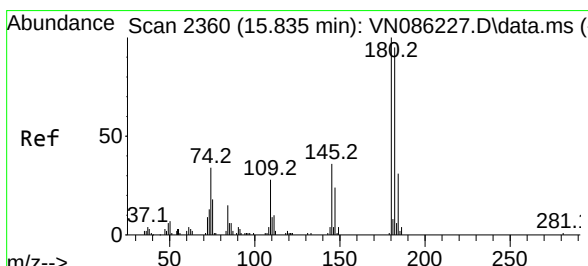
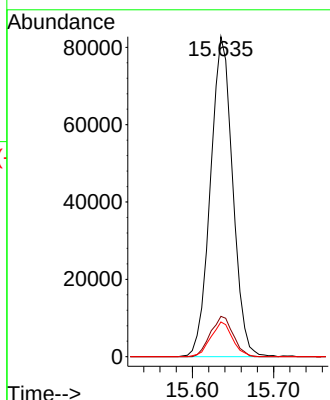
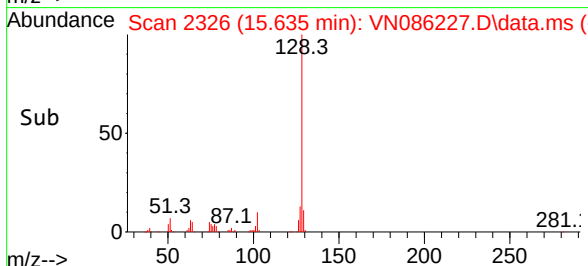
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



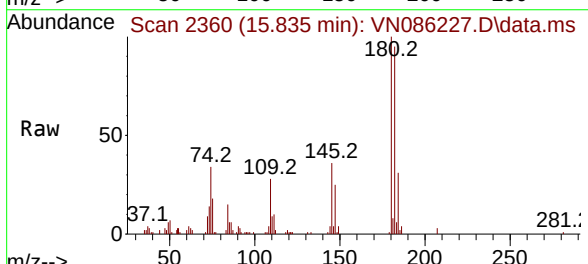
Tgt Ion:128 Resp: 15765
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.6 8.5 12.7

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 32.111 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086227.D
Acq: 04 Apr 2025 12:26



Tgt Ion:180 Resp: 47414
Ion Ratio Lower Upper
180 100
182 98.2 0.0 196.4
145 34.7 0.0 69.4

