

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040425\
 Data File : VN086230.D
 Acq On : 04 Apr 2025 13:47
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN040425

Manual Integrations
 APPROVED

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

Quant Time: Apr 05 00:50:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 05 00:04:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	28572	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	158635	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	150810	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	85112	30.513	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.700%			
60) 4-Bromofluorobenzene	12.847	95	89491	30.273	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.900%			
63) Toluene-d8	10.565	98	251828	30.163	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.533%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52908	19.135	ug/l	98
3) Chloromethane	2.365	50	51081	18.059	ug/l	96
4) Vinyl Chloride	2.518	62	50952	18.714	ug/l	99
5) Bromomethane	2.965	94	24179	17.868	ug/l	94
6) Chloroethane	3.124	64	30520	19.106	ug/l	90
7) Trichlorofluoromethane	3.506	101	73557	19.888	ug/l	99
8) Diethyl Ether	3.959	74	23529	19.063	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	40243	19.841	ug/l	97
10) 1,1-Dichloroethene	4.341	96	38908	19.450	ug/l	88
11) Methyl Iodide	4.588	142	48451	19.328	ug/l	95
12) Methyl Acetate	5.018	43	43894	19.137	ug/l	95
13) Acrolein	4.171	56	35992	117.896	ug/l	97
14) Acrylonitrile	5.712	53	99002	97.653	ug/l	96
15) Acetone	4.430	58	26429	94.168	ug/l	96
16) Carbon Disulfide	4.712	76	115618	19.097	ug/l	96
17) Allyl chloride	5.024	41	50934	18.617	ug/l	93
18) Methylene Chloride	5.271	84	43816	19.403	ug/l	96
19) trans-1,2-Dichloroethene	5.788	96	40582	18.665	ug/l	93
20) Diisopropyl ether	6.665	45	114514	18.997	ug/l	97
21) 1,1-Dichloroethane	6.565	63	76451	19.268	ug/l	97
22) cis-1,2-Dichloroethene	7.482	96	47663	18.863	ug/l	95
23) tert-Butyl Alcohol	5.500	59	35563m	97.182	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	129864	19.097	ug/l #	80
25) Chloroform	7.965	83	81684	19.469	ug/l	97
26) Cyclohexane	8.253	56	62498	19.636	ug/l #	97
29) 1,1-Dichloropropene	8.371	75	56546	19.254	ug/l	97
30) 2-Butanone	7.482	43	115161	92.387	ug/l	98
31) 2,2-Dichloropropane	7.488	77	71387	19.445	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	75473	19.209	ug/l	99
33) Carbon Tetrachloride	8.359	117	65581	19.358	ug/l	94
34) Benzene	8.606	78	181010	19.251	ug/l	98
35) Methacrylonitrile	7.771	41	25245	18.438	ug/l	93
36) 1,2-Dichloroethane	8.665	62	60556	19.285	ug/l #	86
37) Trichloroethene	9.347	130	44971	18.859	ug/l	93
38) Methylcyclohexane	9.600	83	59438	18.728	ug/l	98
39) 1,2-Dichloropropane	9.618	63	41789	18.751	ug/l	97
40) Dibromomethane	9.706	93	30265	19.036	ug/l	97
41) Bromodichloromethane	9.882	83	63335	19.137	ug/l	95
42) Vinyl Acetate	6.600	43	409598	92.291	ug/l	99

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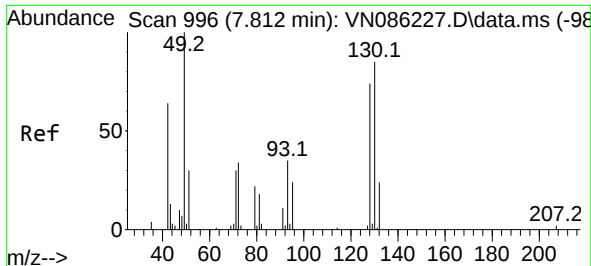
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 Supervised By : Mahesh Dadoda 04/07/2025

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 QLast Update : Sat Apr 05 00:04:36 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	45104m	17.665	ug/l	
44) Isopropyl Acetate	8.682	43	83141	19.126	ug/l	97
45) 1,4-Dioxane	9.688	88	16353	372.714	ug/l	94
46) Methyl methacrylate	9.676	41	36194	18.649	ug/l	93
47) n-amyl Acetate	12.494	43	62323	17.778	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	66023	18.923	ug/l	90
49) cis-1,3-Dichloropropene	10.312	75	69734	19.039	ug/l	94
50) 1,1,2-Trichloroethane	11.012	97	42368	19.459	ug/l	94
51) Ethyl methacrylate	10.870	69	59652	18.144	ug/l	97
52) 1,3-Dichloropropane	11.159	76	71645	19.103	ug/l	98
53) Dibromochloromethane	11.353	129	48062	18.719	ug/l	98
54) 1,2-Dibromoethane	11.465	107	41201	18.928	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	149445	153.678	ug/l	99
56) Bromoform	12.576	173	32544	18.561	ug/l	95
58) 4-Methyl-2-Pentanone	10.441	43	245556	94.551	ug/l	99
59) 2-Hexanone	11.194	43	177845	93.223	ug/l	100
61) Tetrachloroethene	11.100	164	49725	19.497	ug/l	90
62) Toluene	10.629	91	191782	19.311	ug/l	100
64) Chlorobenzene	11.888	112	120584	19.387	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	43343	18.924	ug/l	97
66) Ethyl Benzene	11.959	91	203870	19.083	ug/l	99
67) m/p-Xylenes	12.070	106	165741	38.714	ug/l	98
68) o-Xylene	12.394	106	78271	19.331	ug/l	100
69) Styrene	12.406	104	128567	18.926	ug/l	99
70) Isopropylbenzene	12.694	105	192580	19.049	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	52088	19.083	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	54943m	20.995	ug/l	
73) Bromobenzene	12.976	156	48323	18.803	ug/l	97
74) n-propylbenzene	13.035	91	225704	18.968	ug/l	99
75) 2-Chlorotoluene	13.123	91	146696	19.039	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	166902	19.084	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	20558	18.131	ug/l	90
78) 4-Chlorotoluene	13.217	91	147806	18.969	ug/l	99
79) tert-butylbenzene	13.435	119	134497	18.733	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	166192	18.645	ug/l	98
81) sec-Butylbenzene	13.611	105	186044	18.241	ug/l	98
82) p-Isopropyltoluene	13.723	119	158730	18.431	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	91681	18.965	ug/l	98
84) 1,4-Dichlorobenzene	13.811	146	89257	18.632	ug/l	99
85) n-Butylbenzene	14.053	91	127855	17.616	ug/l	99
86) Hexachloroethane	14.329	117	26005	18.121	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	89362	18.816	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11569	18.118	ug/l	93
89) 1,2,4-Trichlorobenzene	15.835	180	41591	17.199	ug/l	97
90) Hexachlorobutadiene	15.494	225	22466	16.597	ug/l	99
91) Naphthalene	15.635	128	131834	16.866	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	41591	17.199	ug/l	97

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



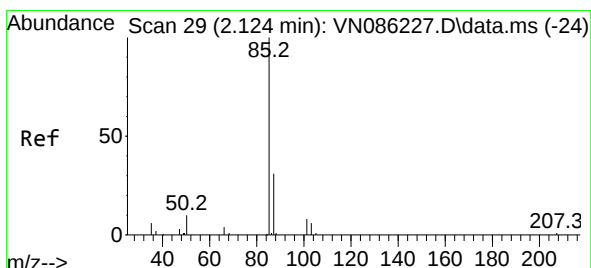
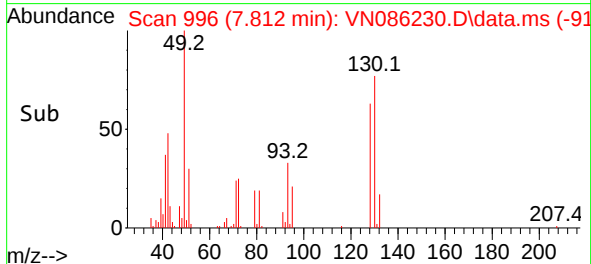
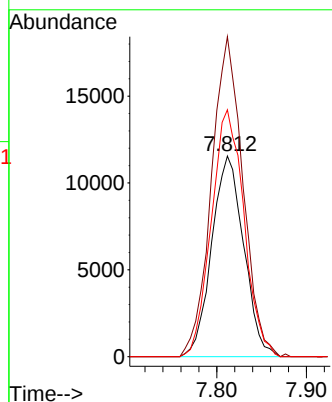
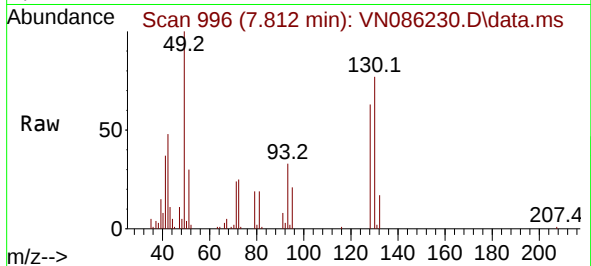
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425

Tgt Ion:128 Resp: 28572
Ion Ratio Lower Upper
128 100
49 156.9 0.0 384.5
130 125.7 0.0 324.3

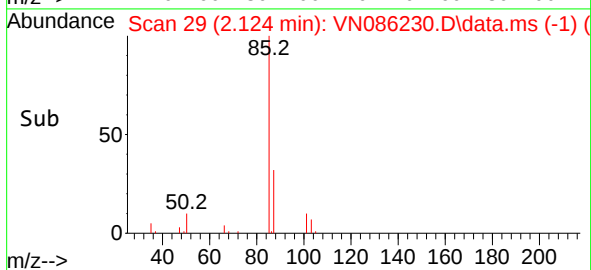
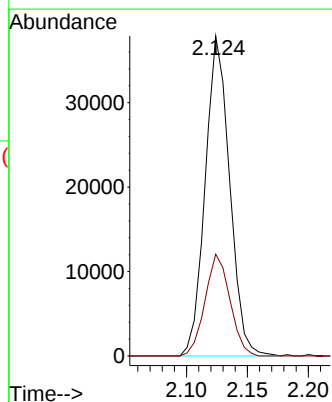
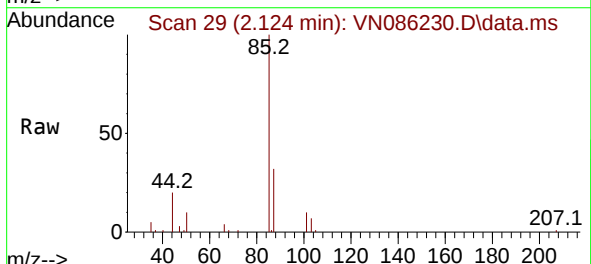
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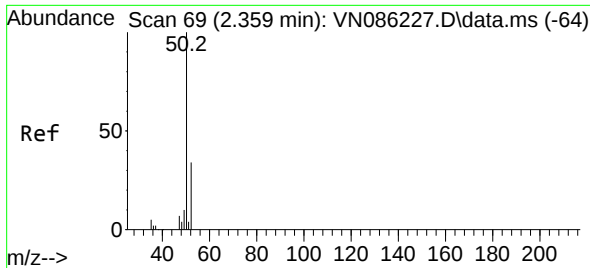
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#2
Dichlorodifluoromethane
Concen: 19.135 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

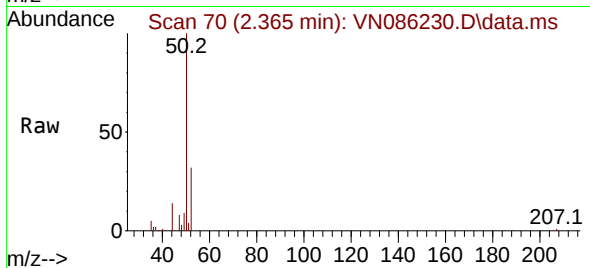
Tgt Ion: 85 Resp: 52908
Ion Ratio Lower Upper
85 100
87 31.8 15.4 46.2





#3
Chloromethane
Concen: 18.059 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

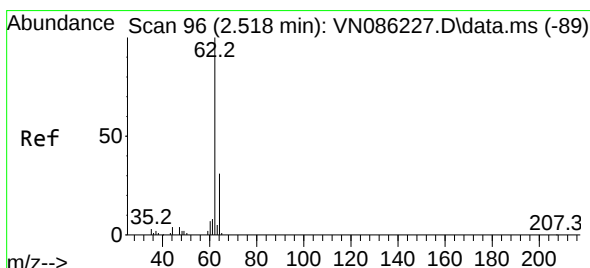
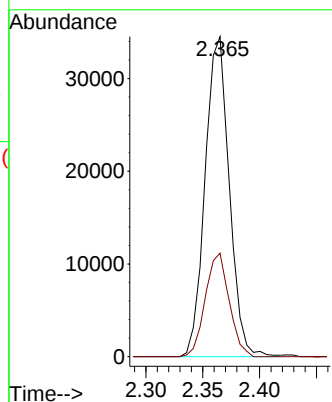
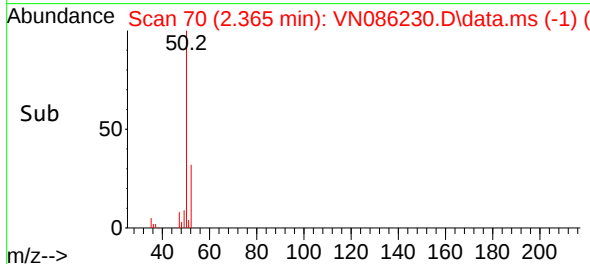
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



Tgt Ion: 50 Resp: 5108
Ion Ratio Lower Upper
50 100
52 32.4 27.5 41.3

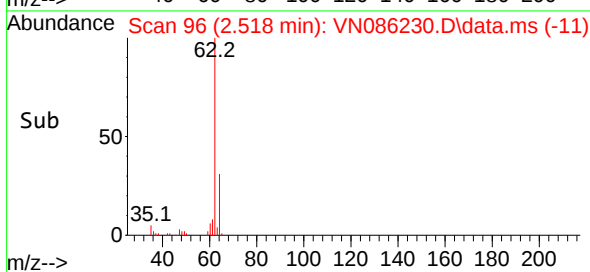
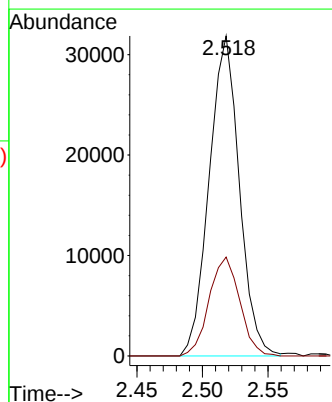
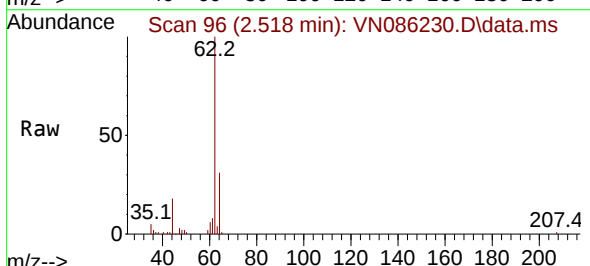
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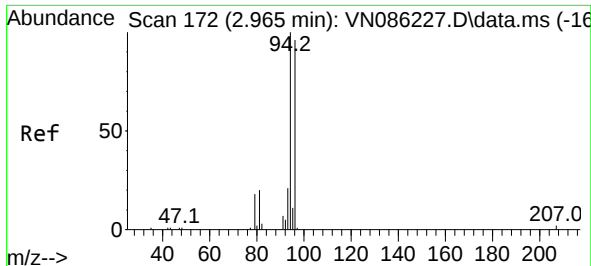
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#4
Vinyl Chloride
Concen: 18.714 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

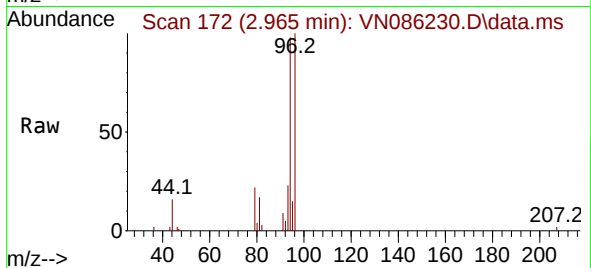
Tgt Ion: 62 Resp: 50952
Ion Ratio Lower Upper
62 100
64 30.9 25.1 37.7





#5
Bromomethane
Concen: 17.868 ug/l
RT: 2.965 min Scan# 172
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

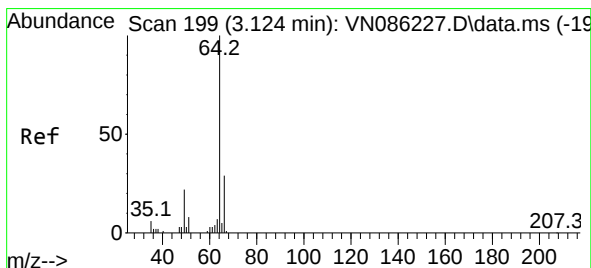
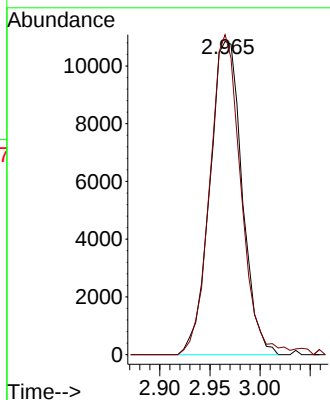
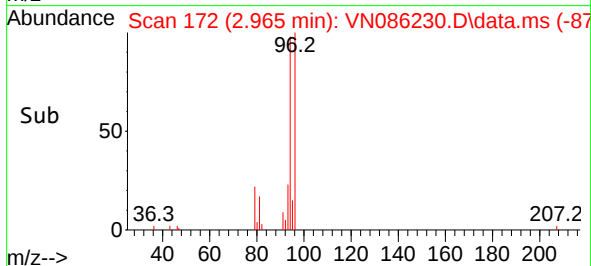
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



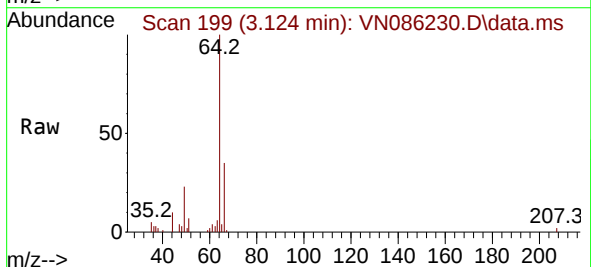
Tgt Ion: 94 Resp: 24179
Ion Ratio Lower Upper
94 100
96 102.1 77.0 115.4

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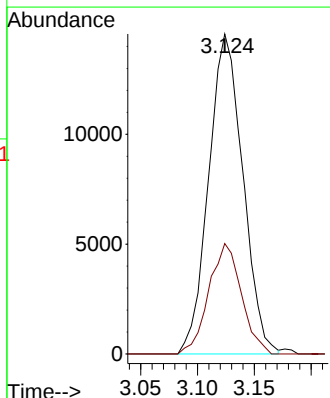
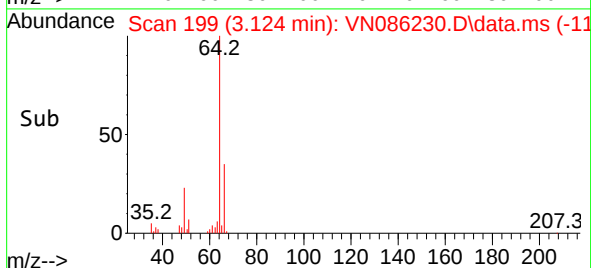
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

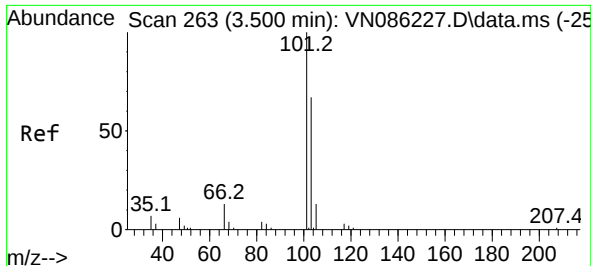


#6
Chloroethane
Concen: 19.106 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47



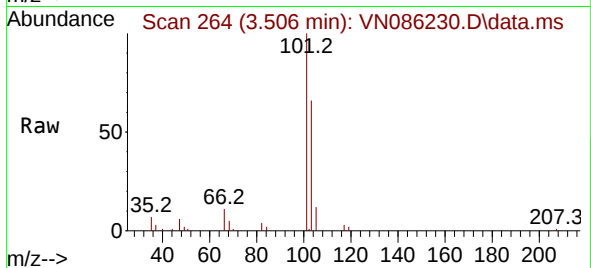
Tgt Ion: 64 Resp: 30520
Ion Ratio Lower Upper
64 100
66 34.5 23.4 35.0





#7
 Trichlorofluoromethane
 Concen: 19.888 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN086230.D
 Acq: 04 Apr 2025 13:47

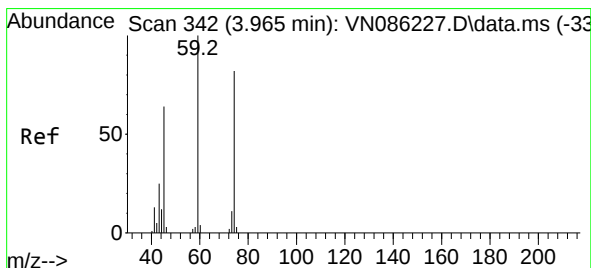
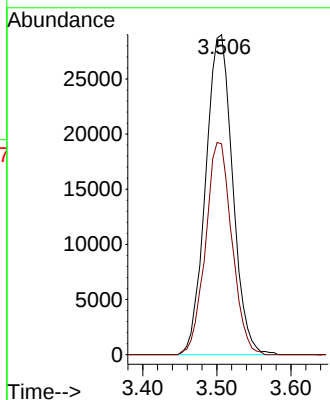
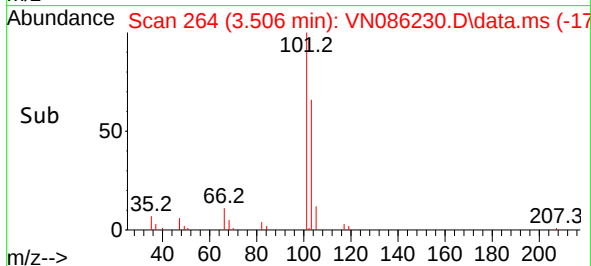
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Tgt Ion: 101 Resp: 7355
 Ion Ratio Lower Upper
 101 100
 103 65.9 53.4 80.2

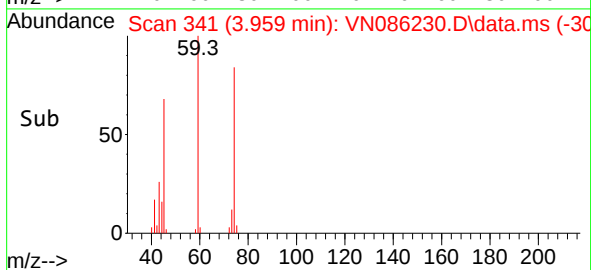
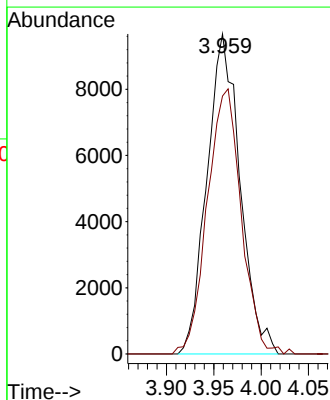
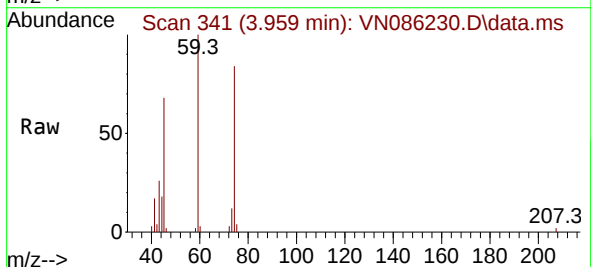
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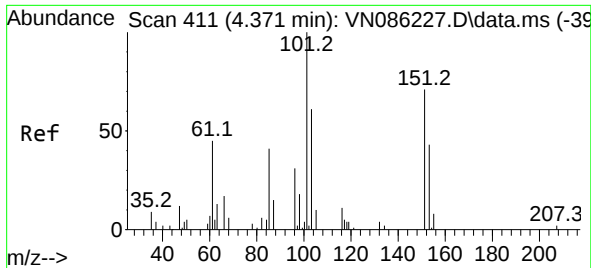
Reviewed By : John Carlone 04/07/2025
 Supervised By : Mahesh Dadoda 04/07/2025



#8
 Diethyl Ether
 Concen: 19.063 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN086230.D
 Acq: 04 Apr 2025 13:47

Tgt Ion: 74 Resp: 23529
 Ion Ratio Lower Upper
 74 100
 45 84.1 16.5 148.5





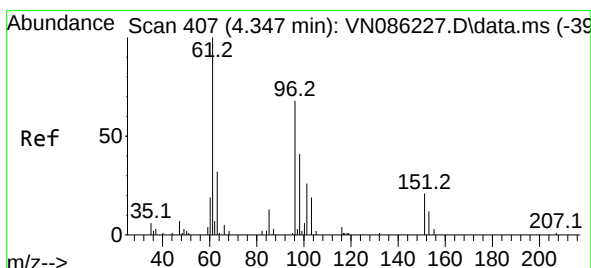
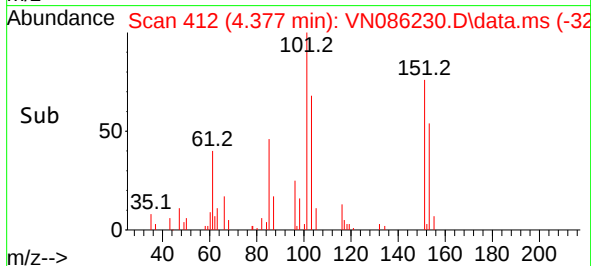
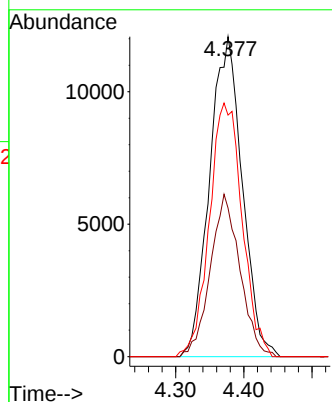
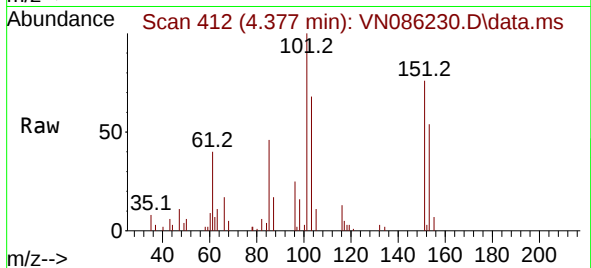
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1,1,2-Trichlorotrifluoroethane
Concen: 19.841 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425

Tgt Ion:101 Resp: 4024
Ion Ratio Lower Upper
101 100
85 46.1 0.0 89.2
151 79.6 0.0 152.2

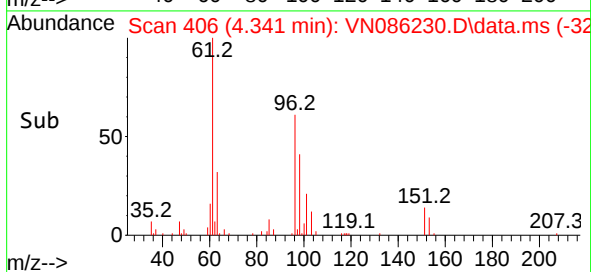
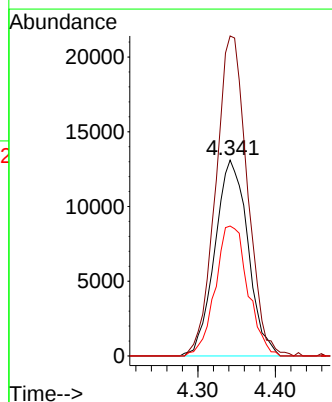
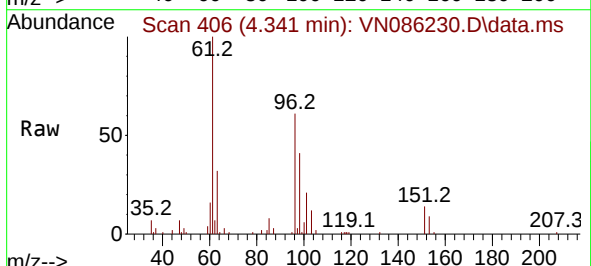
Manual Integrations
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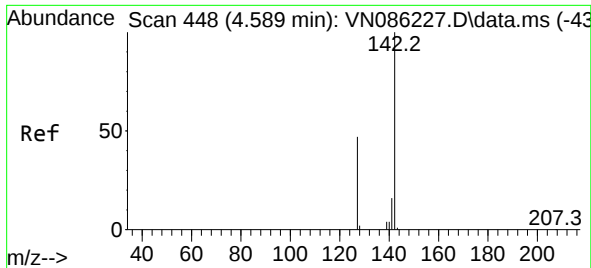
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#10
1,1-Dichloroethene
Concen: 19.450 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Tgt Ion: 96 Resp: 38908
Ion Ratio Lower Upper
96 100
61 163.4 117.0 175.6
98 66.3 47.8 71.8





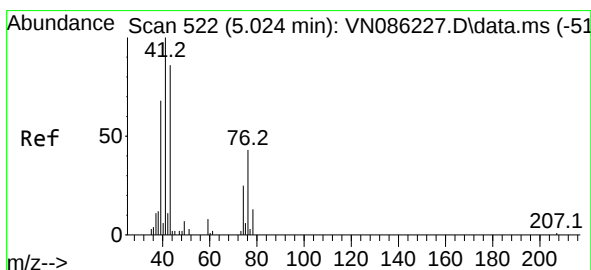
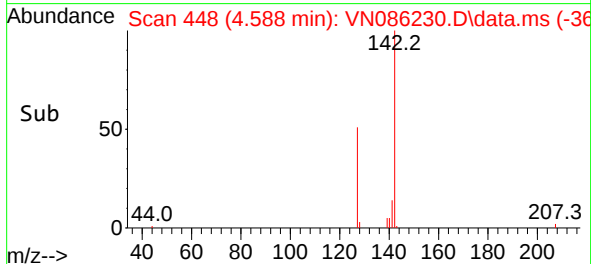
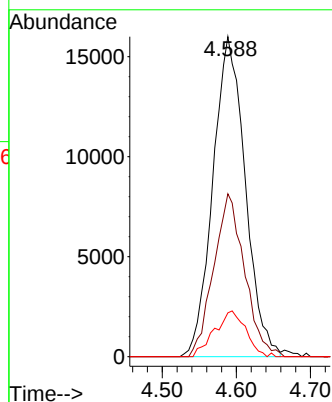
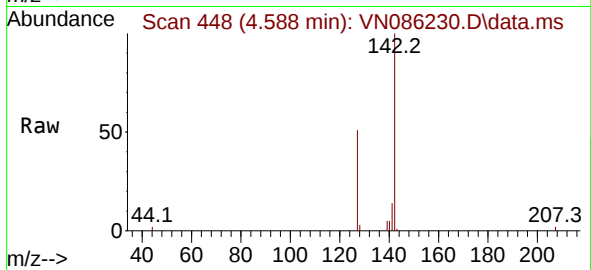
#11
Methyl Iodide
Concen: 19.328 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425

Tgt Ion:142 Resp: 4845
Ion Ratio Lower Upper
142 100
127 50.6 23.6 71.0
141 13.8 8.0 24.0

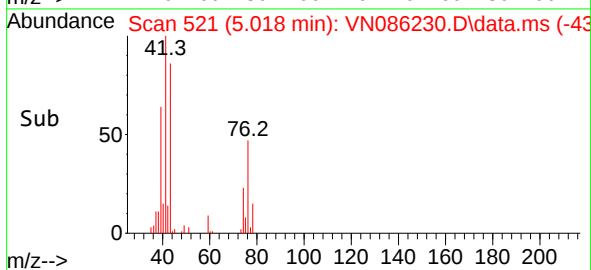
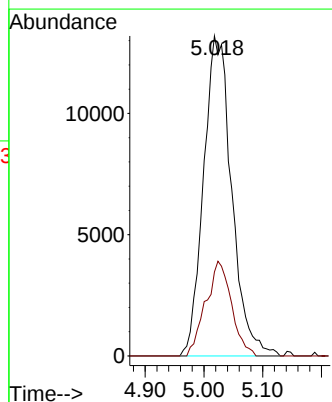
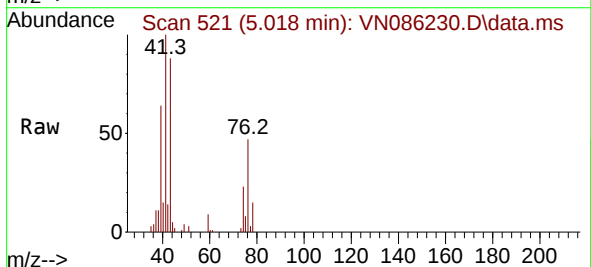
Manual Integrations
APPROVED

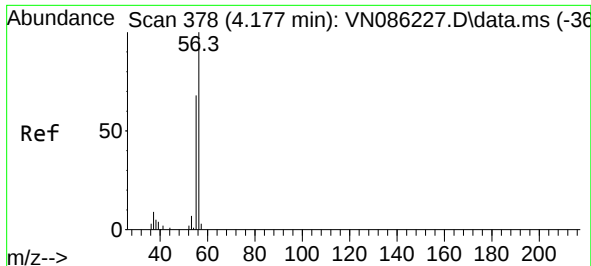
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#12
Methyl Acetate
Concen: 19.137 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Tgt Ion: 43 Resp: 43894
Ion Ratio Lower Upper
43 100
74 26.3 23.2 34.8





#13

Acrolein

Concen: 117.896 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040425

Tgt Ion: 56 Resp: 35992

Ion Ratio Lower Upper

56 100

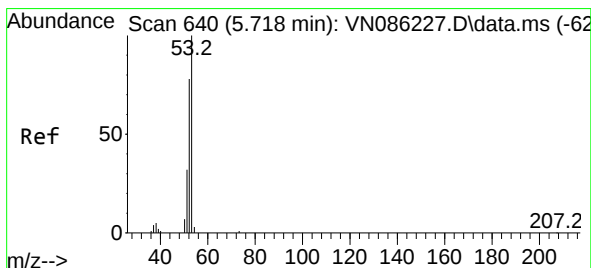
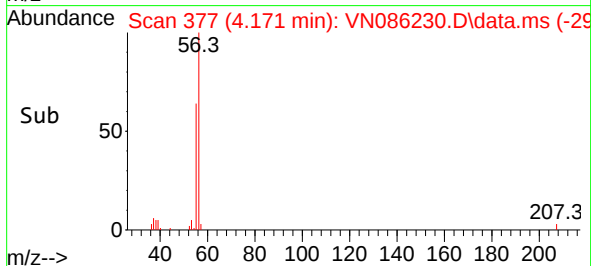
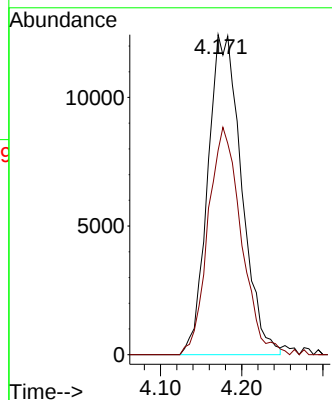
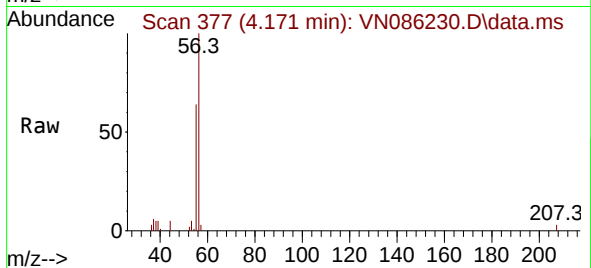
55 68.5 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#14

Acrylonitrile

Concen: 97.653 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

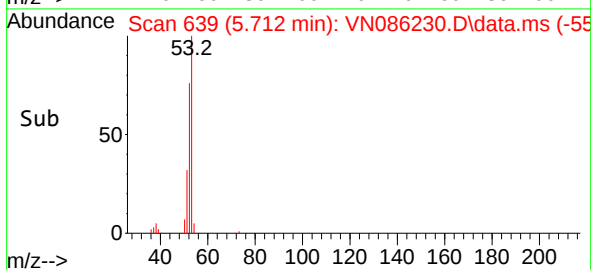
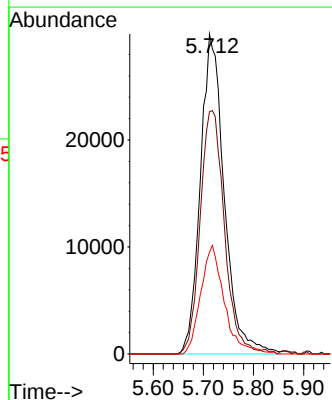
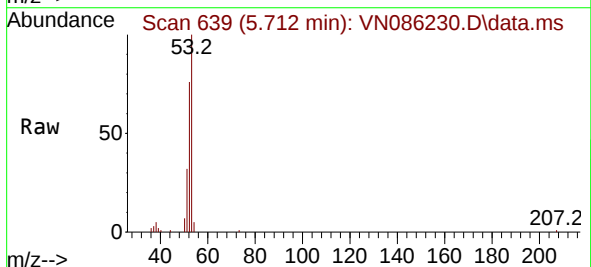
Tgt Ion: 53 Resp: 99002

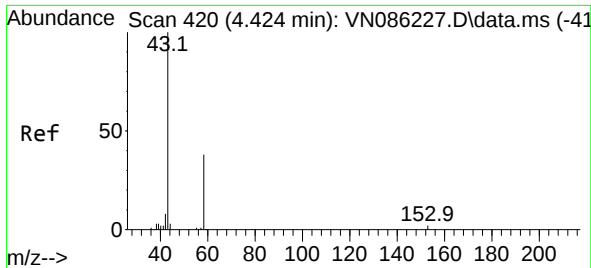
Ion Ratio Lower Upper

53 100

52 76.8 40.6 121.8

51 33.5 16.9 50.7





#15

Acetone

Concen: 94.168 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040425

Tgt Ion: 58 Resp: 26429

Ion Ratio Lower Upper

58 100

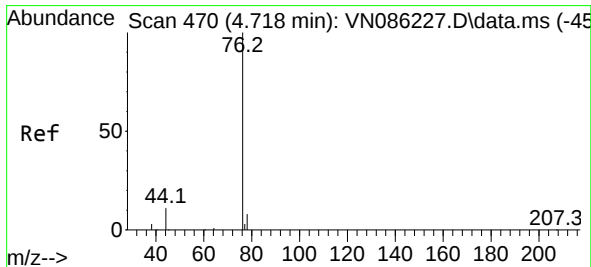
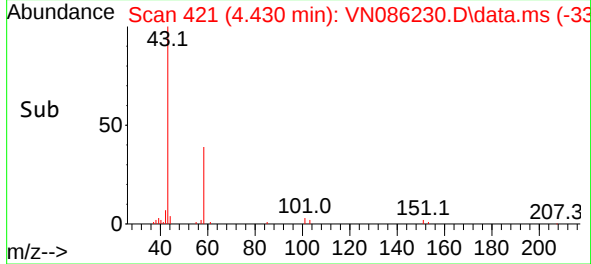
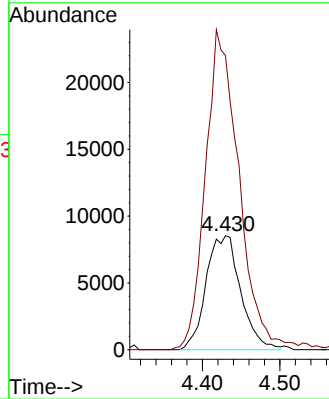
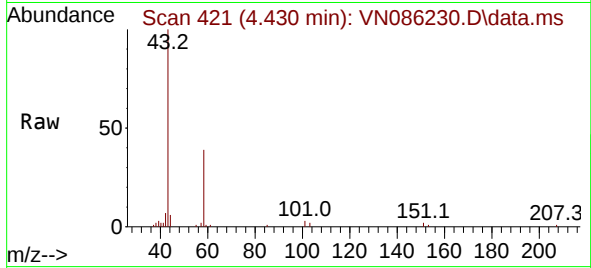
43 255.5 209.6 314.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#16

Carbon Disulfide

Concen: 19.097 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN086230.D

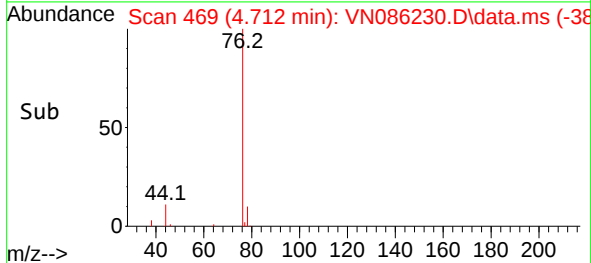
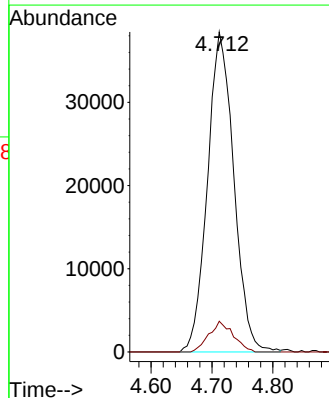
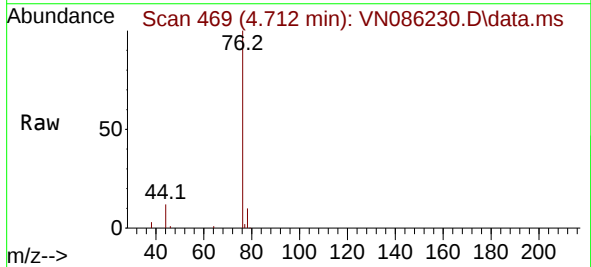
Acq: 04 Apr 2025 13:47

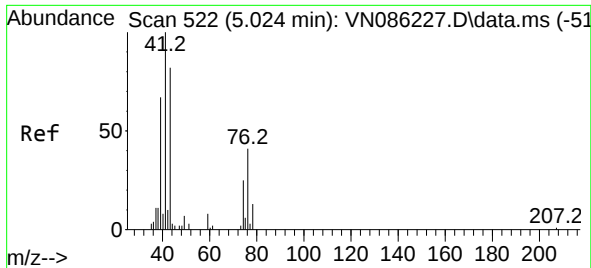
Tgt Ion: 76 Resp: 115618

Ion Ratio Lower Upper

76 100

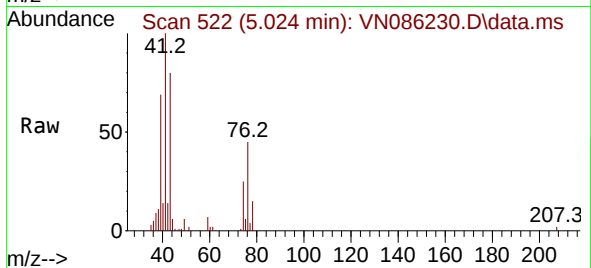
78 9.6 6.6 9.8





#17
 Allyl chloride
 Concen: 18.617 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN086230.D
 Acq: 04 Apr 2025 13:47

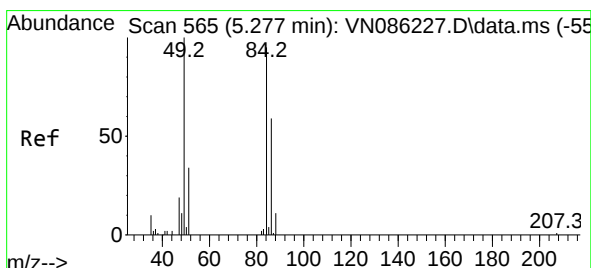
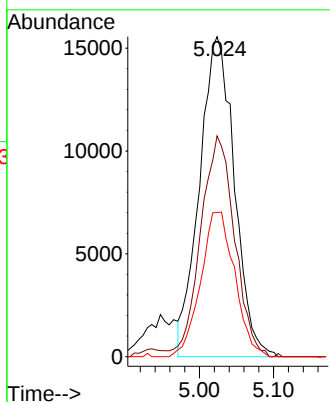
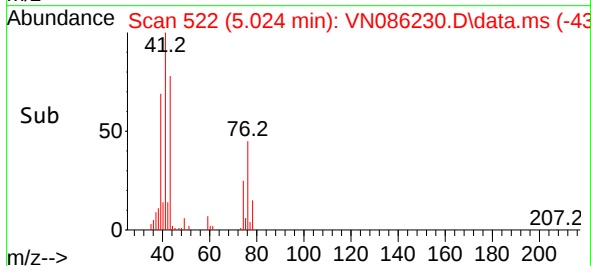
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN040425



Tgt Ion:	41	Resp:	50934
Ion Ratio	Lower	Upper	
41	100		
39	68.0	32.1	96.5
76	45.1	19.6	58.7

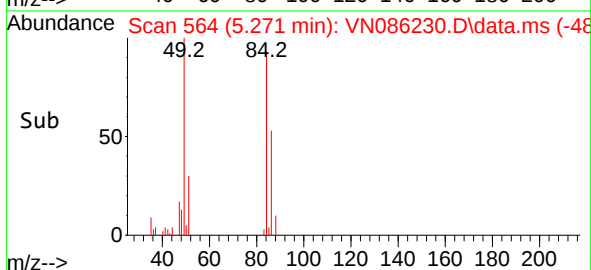
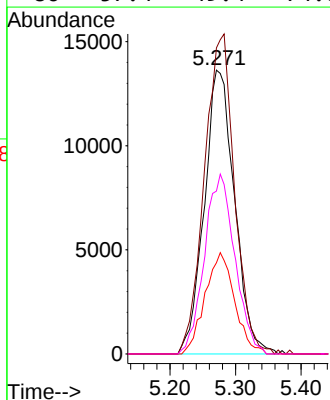
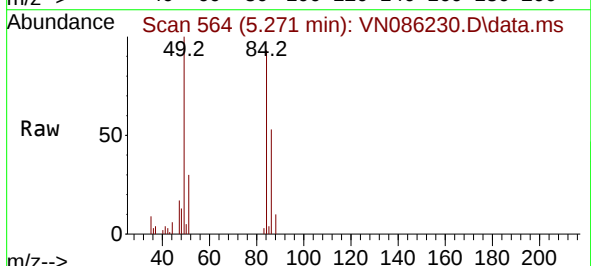
Manual Integrations
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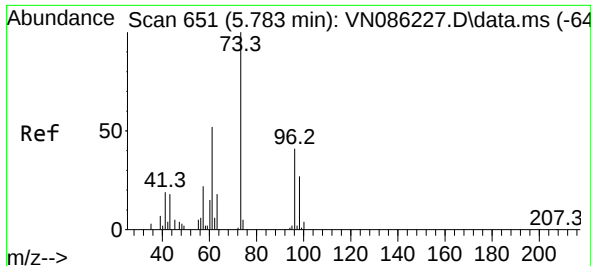
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#18
 Methylene Chloride
 Concen: 19.403 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086230.D
 Acq: 04 Apr 2025 13:47

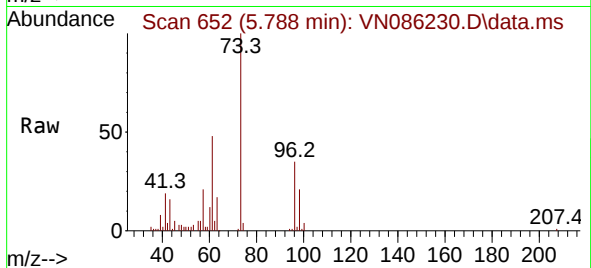
Tgt Ion:	84	Resp:	43816
Ion Ratio	Lower	Upper	
84	100		
49	107.9	84.1	126.1
51	32.1	28.9	43.3
86	57.4	49.4	74.0





#19
trans-1,2-Dichloroethene
Concen: 18.665 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

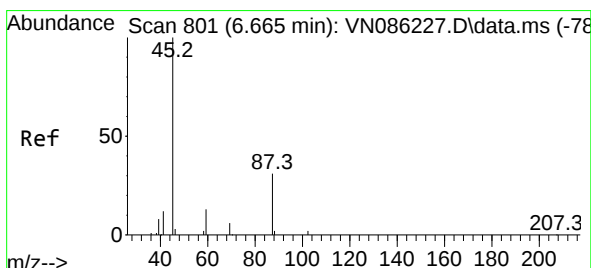
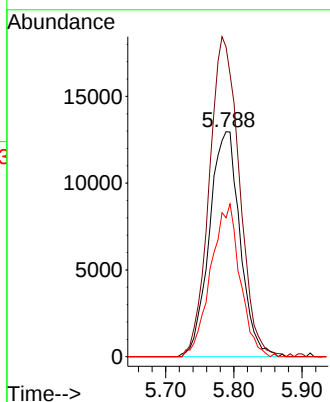
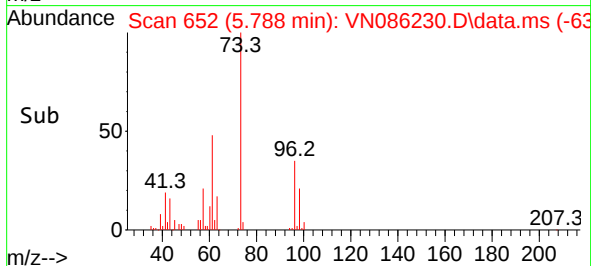
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



Tgt Ion: 96 Resp: 4058
Ion Ratio Lower Upper
96 100
61 137.7 101.9 152.9
98 61.7 52.3 78.5

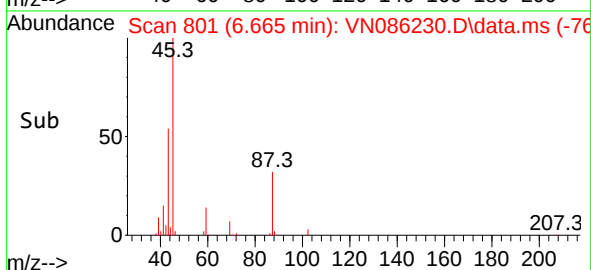
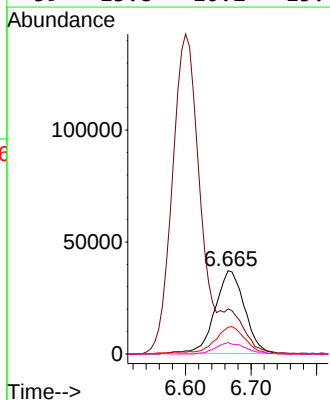
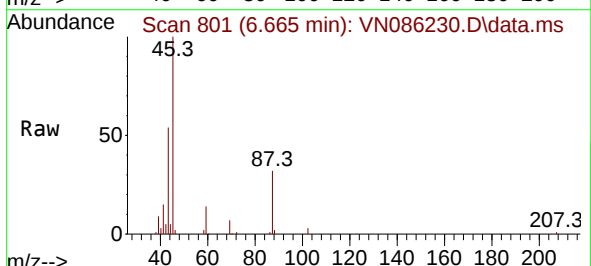
Manual Integrations
APPROVED

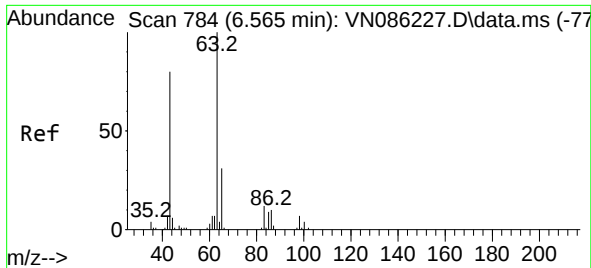
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#20
Diisopropyl ether
Concen: 18.997 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Tgt Ion: 45 Resp: 114514
Ion Ratio Lower Upper
45 100
43 53.4 40.3 60.5
87 32.4 26.5 39.7
59 13.8 10.2 15.4





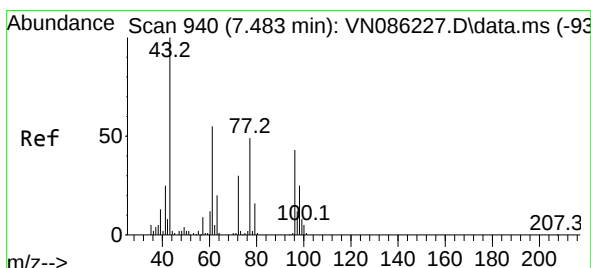
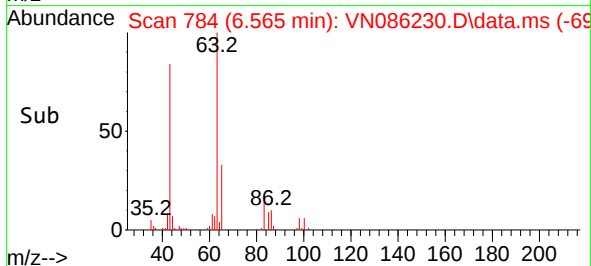
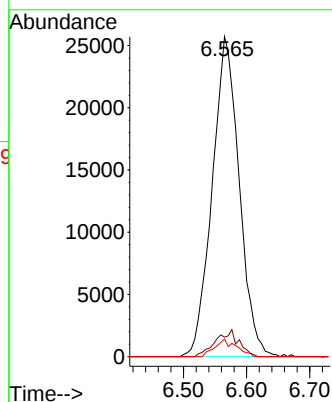
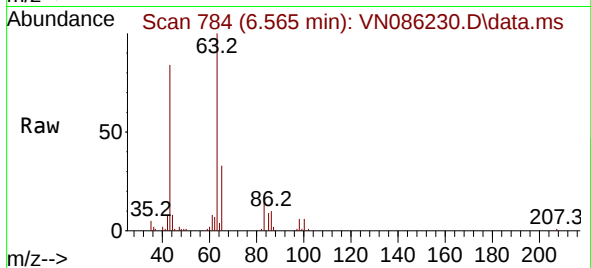
#21
1,1-Dichloroethane
Concen: 19.268 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425

Tgt Ion: 63 Resp: 7645
Ion Ratio Lower Upper
63 100
98 6.1 3.3 9.9
100 5.5 2.1 6.2

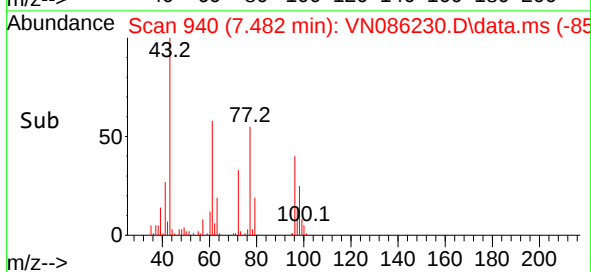
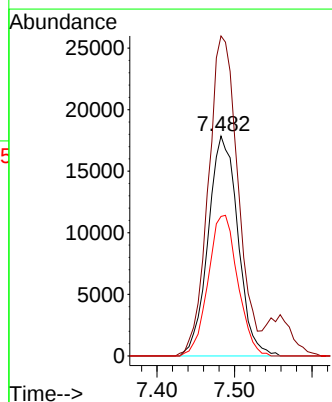
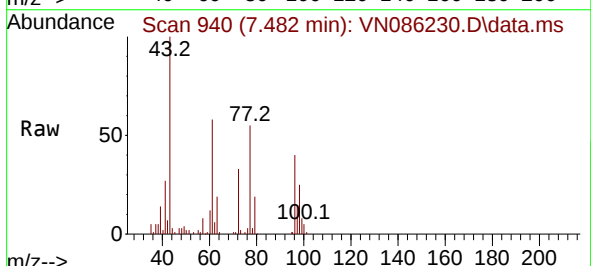
Manual Integrations
APPROVED

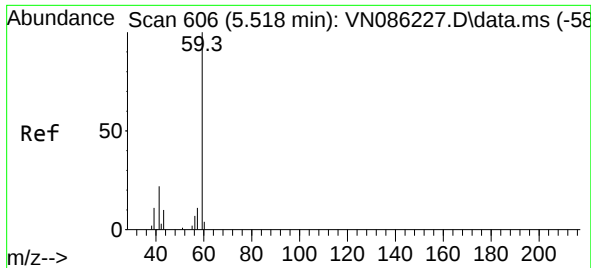
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#22
cis-1,2-Dichloroethene
Concen: 18.863 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

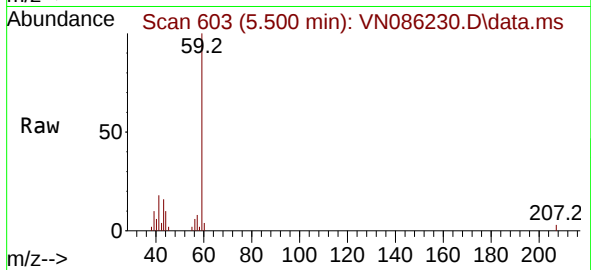
Tgt Ion: 96 Resp: 47663
Ion Ratio Lower Upper
96 100
61 144.6 109.7 164.5
98 63.5 49.7 74.5





#23
tert-Butyl Alcohol
Concen: 97.182 ug/l m
RT: 5.500 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

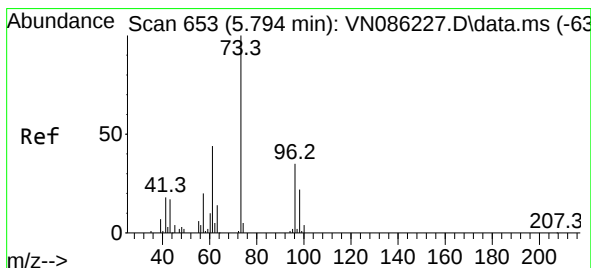
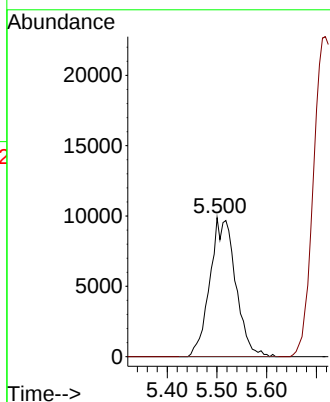
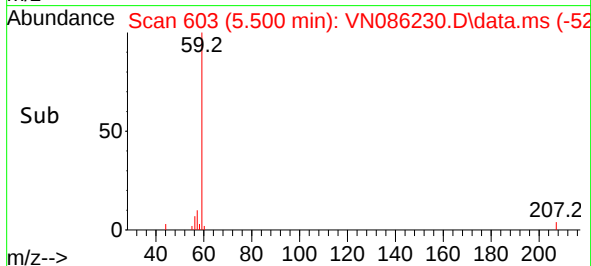
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



Tgt Ion: 59 Resp: 3556
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

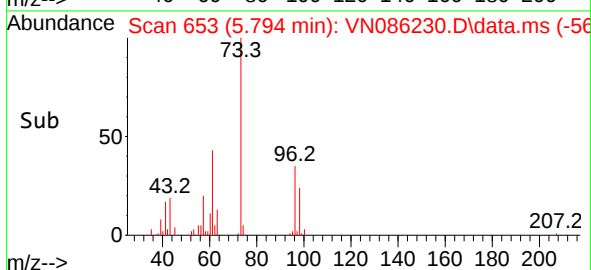
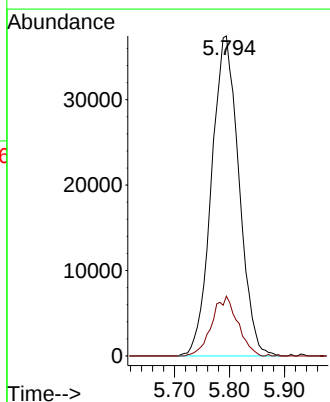
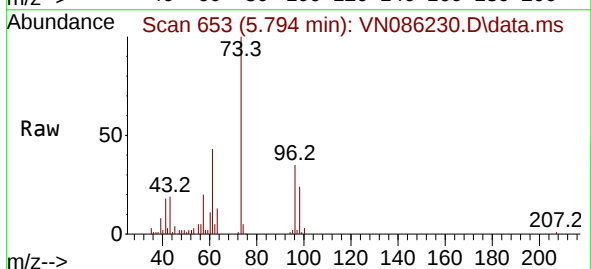
Manual Integrations
APPROVED

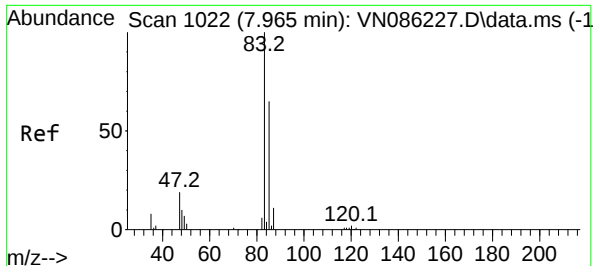
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#24
Methyl tert-Butyl Ether
Concen: 19.097 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Tgt Ion: 73 Resp: 129864
Ion Ratio Lower Upper
73 100
43 8.7 13.9 20.9#





#25

Chloroform

Concen: 19.469 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040425

Tgt Ion: 83 Resp: 81684

Ion Ratio Lower Upper

83 100

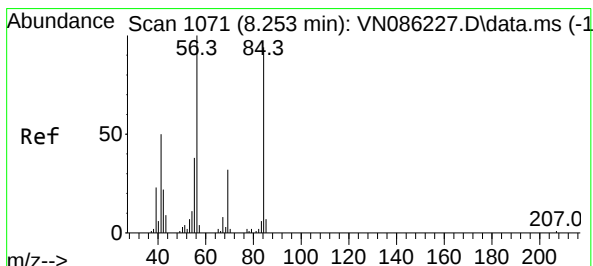
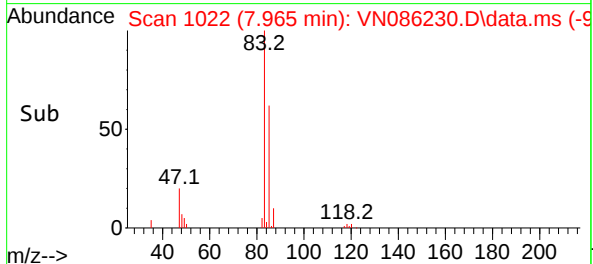
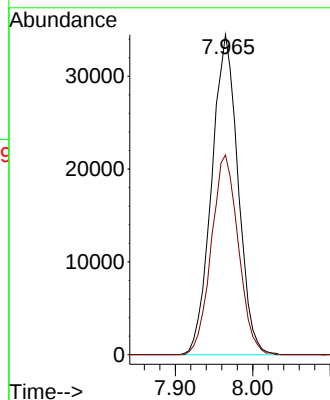
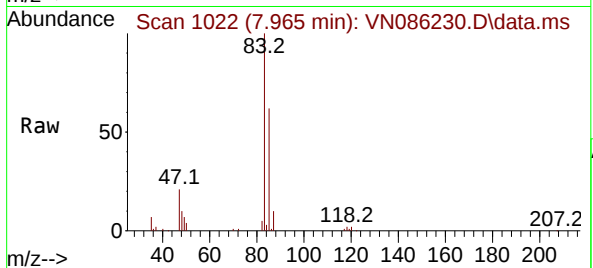
85 62.4 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#26

Cyclohexane

Concen: 19.636 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

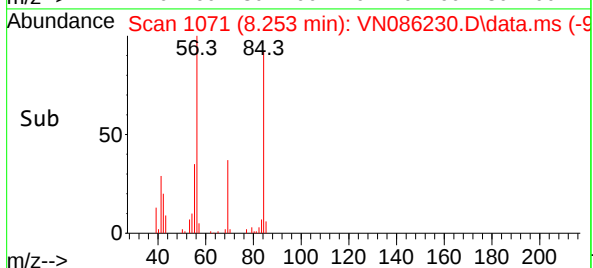
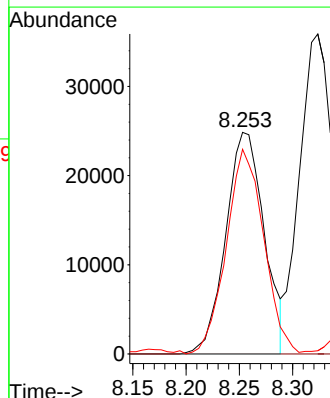
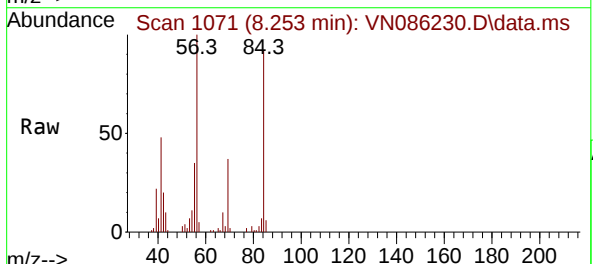
Tgt Ion: 56 Resp: 62498

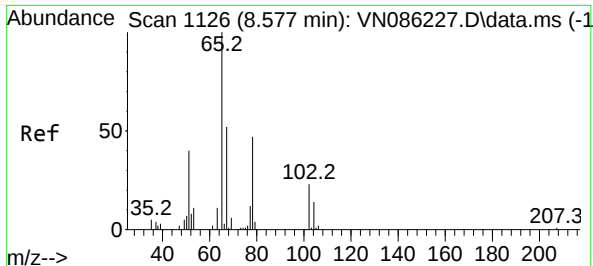
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 90.1 74.3 111.5





#27

1,2-Dichloroethane-d4

Concen: 30.513 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040425

Tgt Ion: 65 Resp: 8511

Ion Ratio Lower Upper

65 100

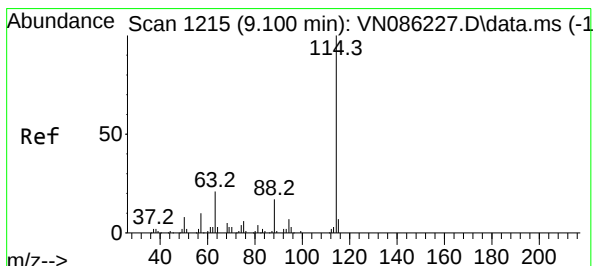
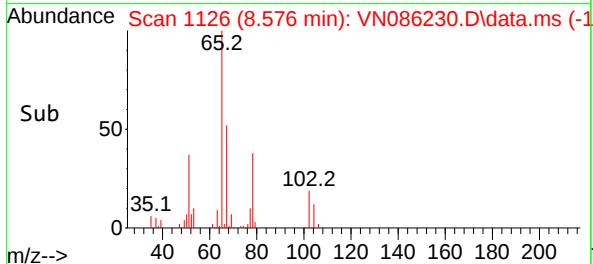
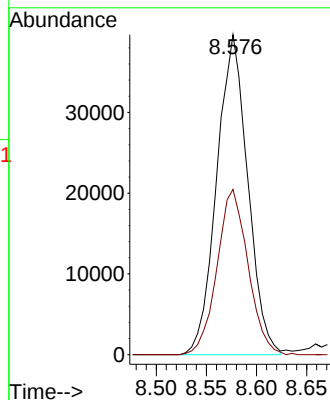
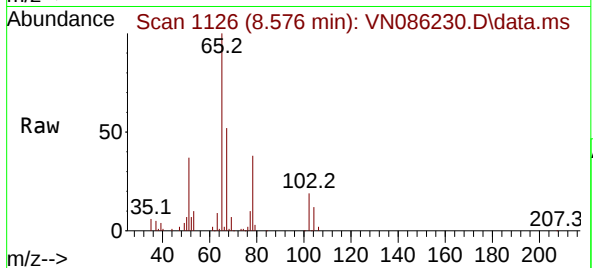
67 51.6 42.1 63.1

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: VN086230.D

Acq: 04 Apr 2025 13:47

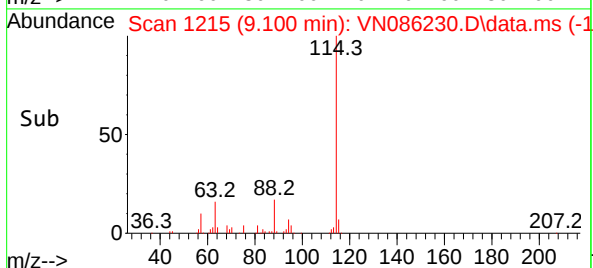
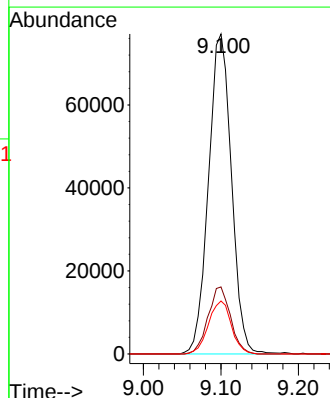
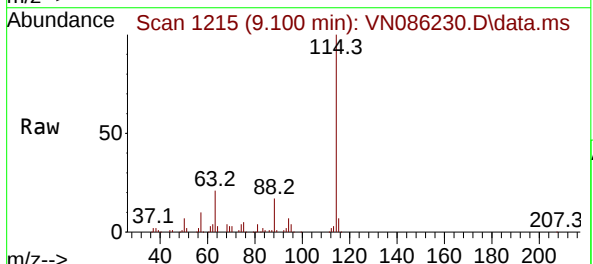
Tgt Ion:114 Resp: 158635

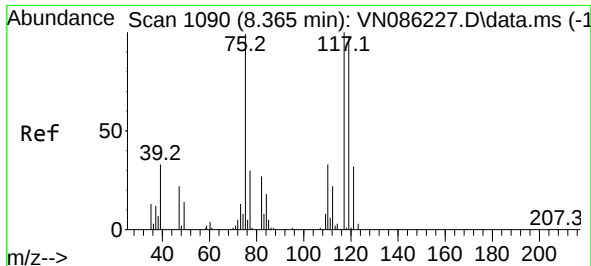
Ion Ratio Lower Upper

114 100

63 20.5 16.4 24.6

88 16.5 13.4 20.2





#29

1,1-Dichloropropene

Concen: 19.254 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040425

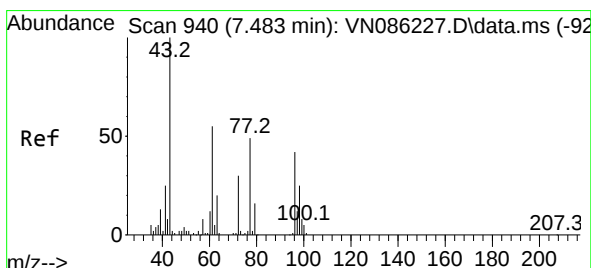
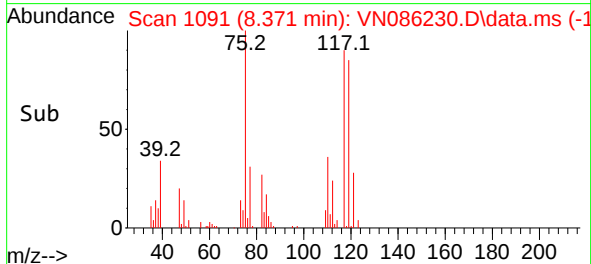
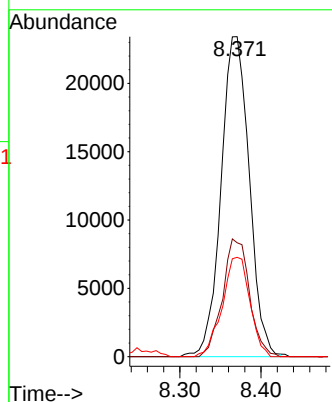
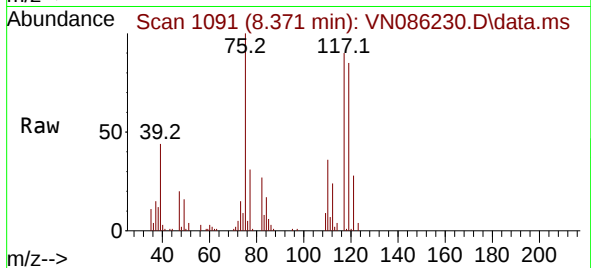
Tgt Ion: 75	Resp: 56540
Ion Ratio	Lower Upper
75 100	
110 35.2	0.0 66.8
77 30.4	0.0 58.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#30

2-Butanone

Concen: 92.387 ug/l

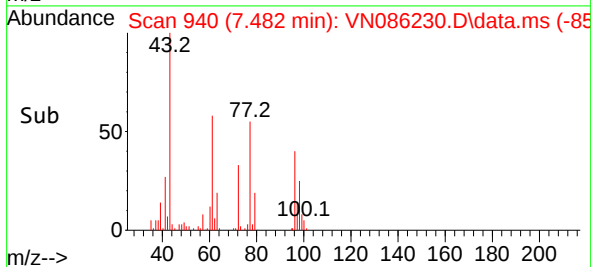
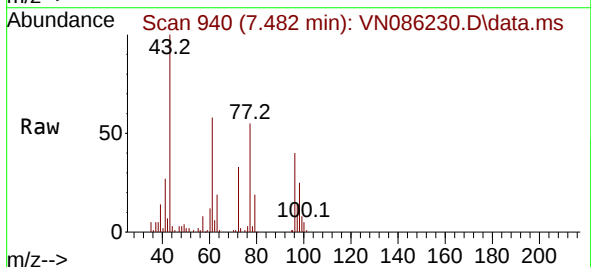
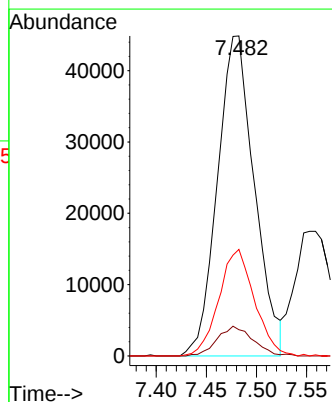
RT: 7.482 min Scan# 940

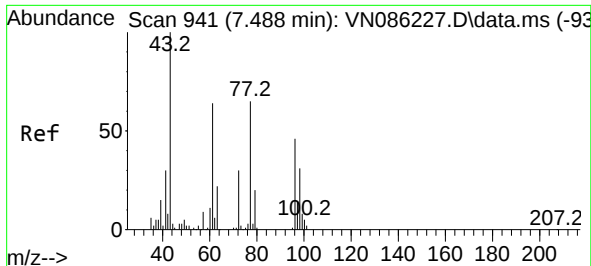
Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

Tgt Ion: 43	Resp: 115161
Ion Ratio	Lower Upper
43 100	
57 8.9	7.3 10.9
72 32.0	24.3 36.5





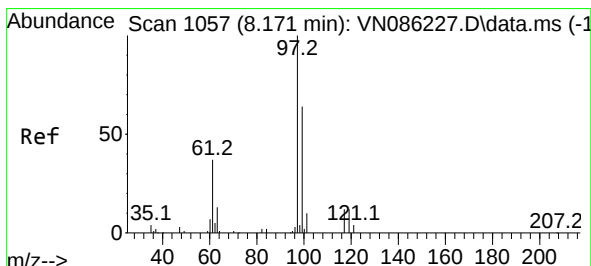
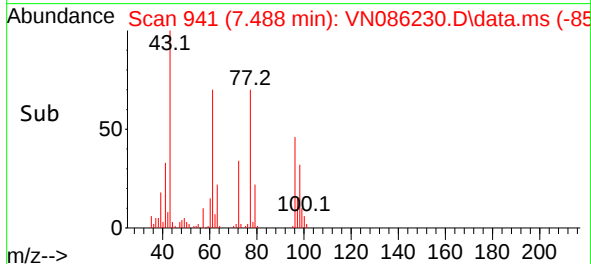
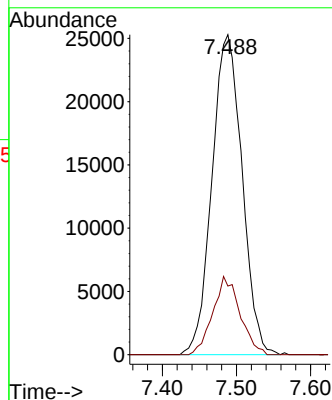
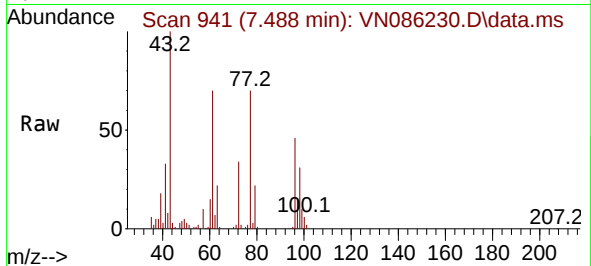
#31
2,2-Dichloropropane
Concen: 19.445 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425

Tgt Ion: 77 Resp: 7138
Ion Ratio Lower Upper
77 100
97 22.0 17.8 26.8

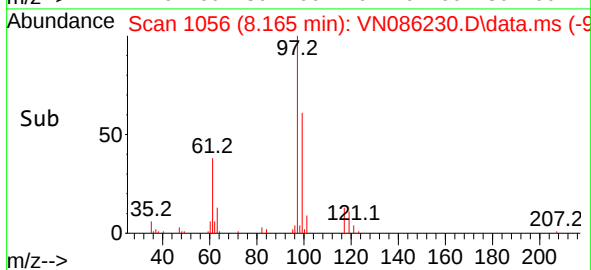
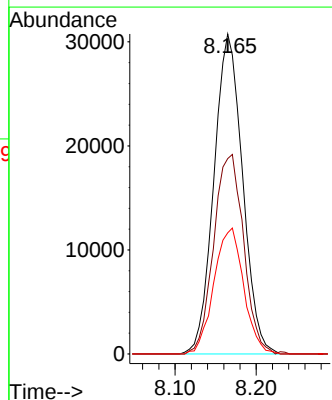
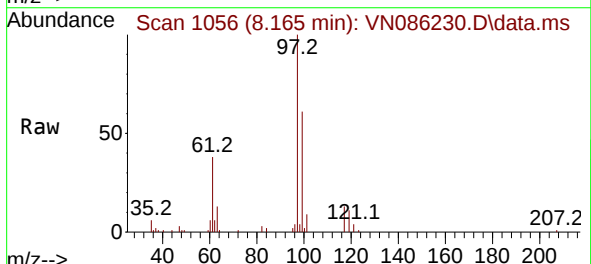
Manual Integrations
APPROVED

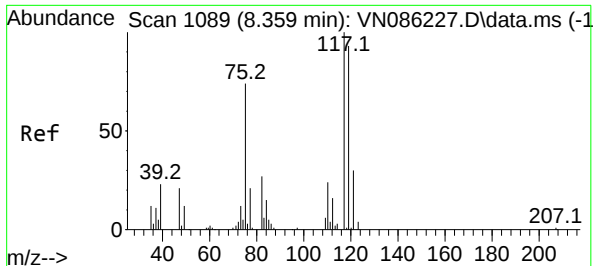
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#32
1,1,1-Trichloroethane
Concen: 19.209 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

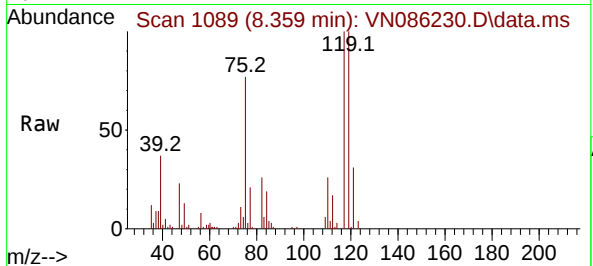
Tgt Ion: 97 Resp: 75473
Ion Ratio Lower Upper
97 100
99 65.0 51.8 77.6
61 40.7 31.7 47.5





#33
Carbon Tetrachloride
Concen: 19.358 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

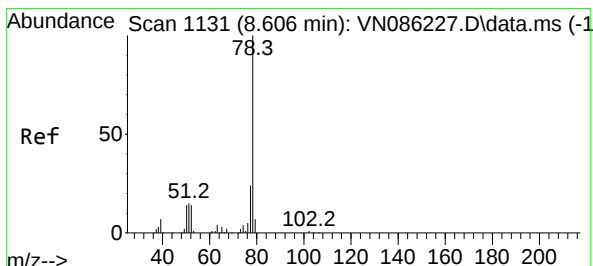
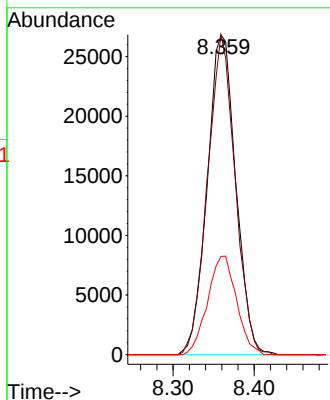
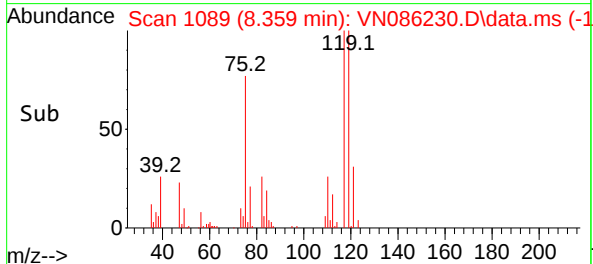
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



Tgt Ion: 117 Resp: 6558
Ion Ratio Lower Upper
117 100
119 100.1 74.6 112.0
121 30.7 23.8 35.8

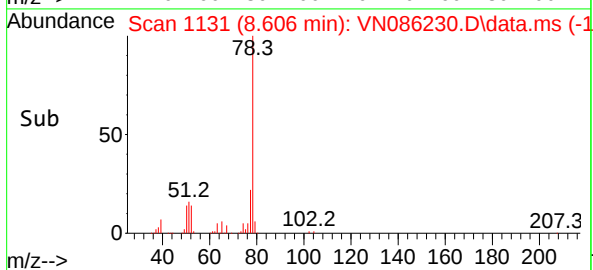
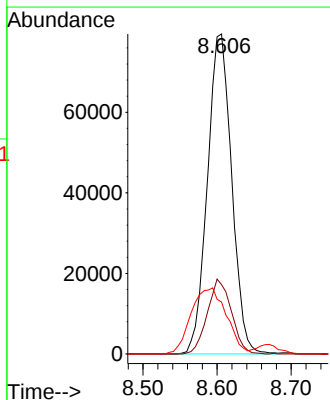
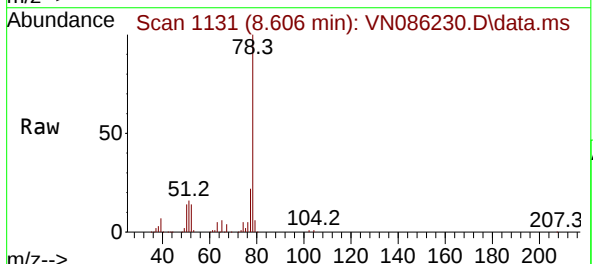
Manual Integrations
APPROVED

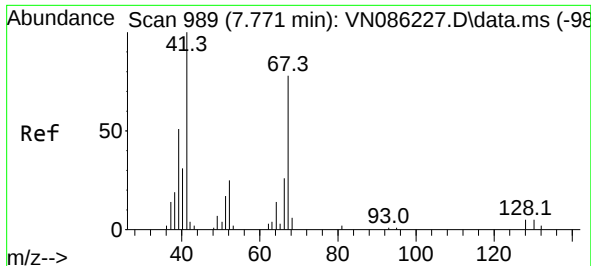
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#34
Benzene
Concen: 19.251 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

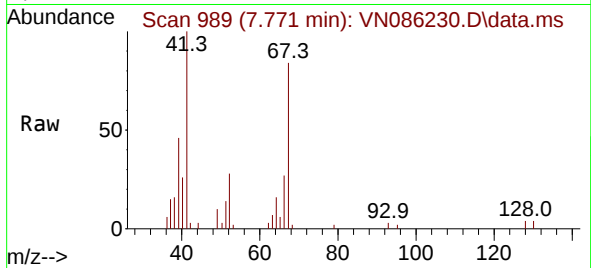
Tgt Ion: 78 Resp: 181010
Ion Ratio Lower Upper
78 100
77 21.7 18.8 28.2
51 14.8 11.9 17.9





#35
Methacrylonitrile
Concen: 18.438 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

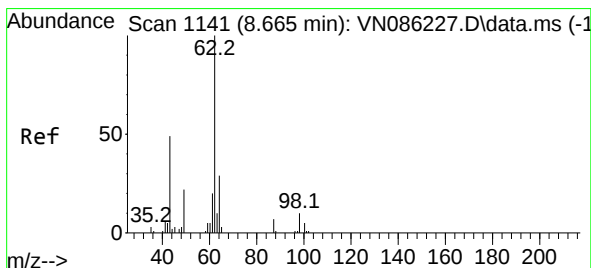
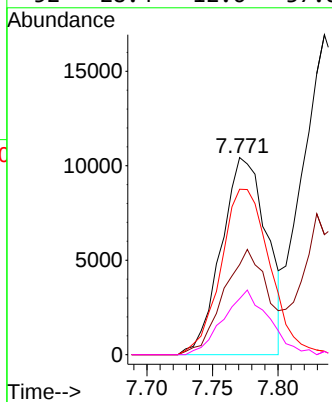
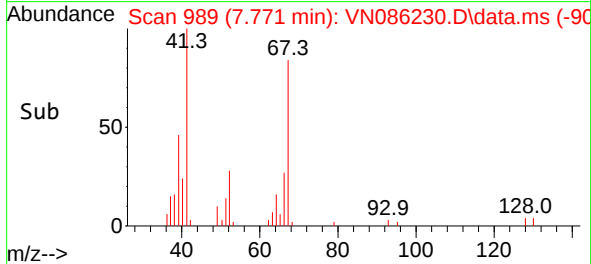
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



Tgt Ion:	41	Resp:	2524
Ion Ratio	100	Lower	Upper
39	45.7	25.7	77.0
67	83.9	39.0	117.0
52	28.4	12.6	37.8

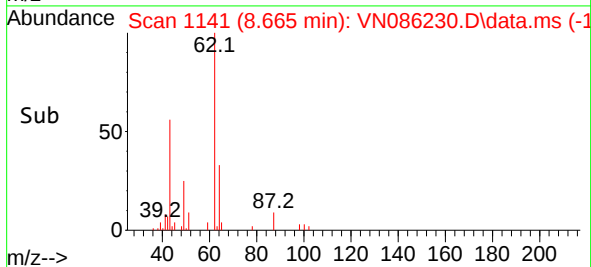
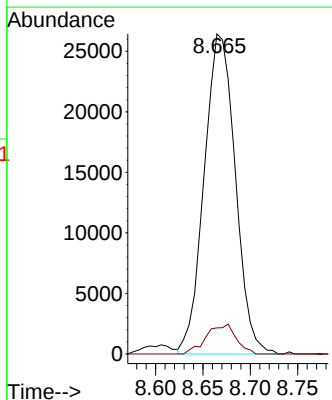
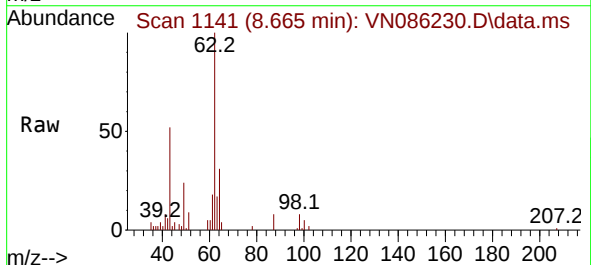
Manual Integrations
APPROVED

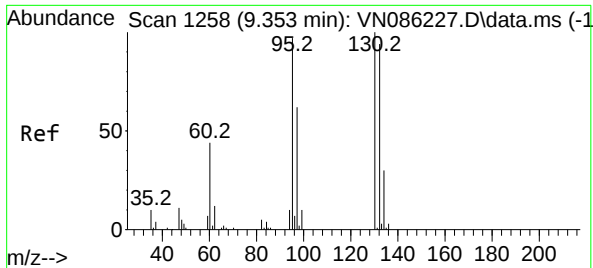
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#36
1,2-Dichloroethane
Concen: 19.285 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

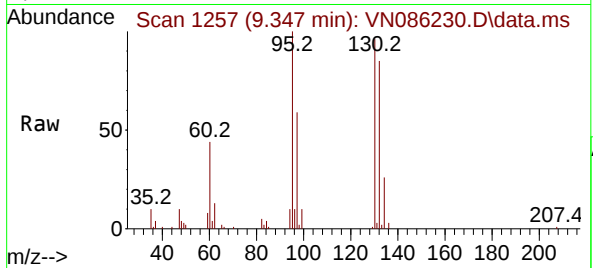
Tgt Ion:	62	Resp:	60556
Ion Ratio	100	Lower	Upper
98	4.7	7.8	11.8





#37
Trichloroethene
Concen: 18.859 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

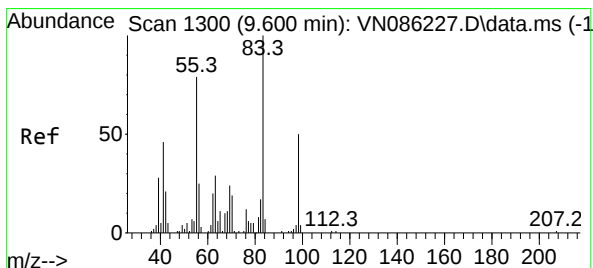
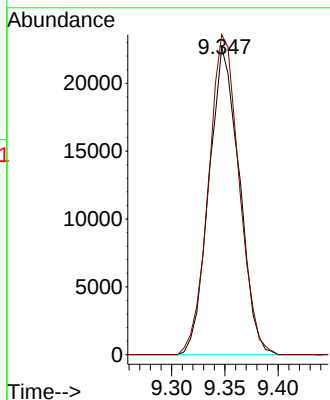
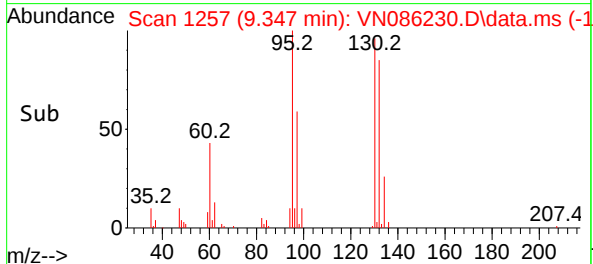
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



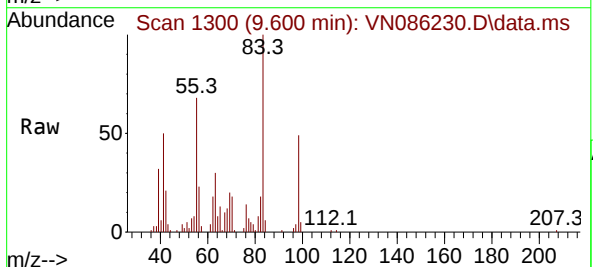
Tgt Ion:130 Resp: 4497
Ion Ratio Lower Upper
130 100
95 104.1 77.8 116.8

Manual Integrations
APPROVED

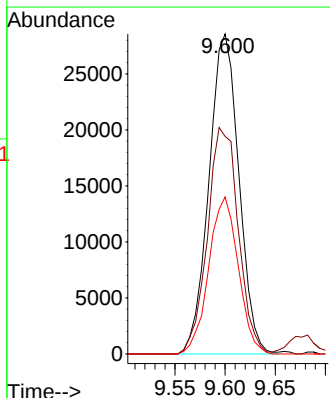
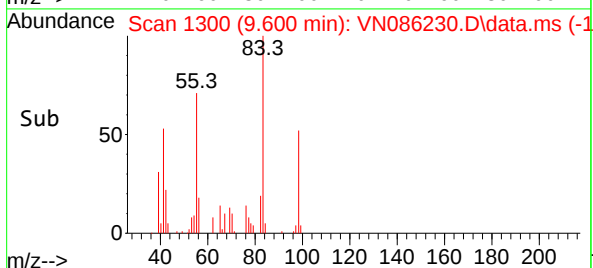
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

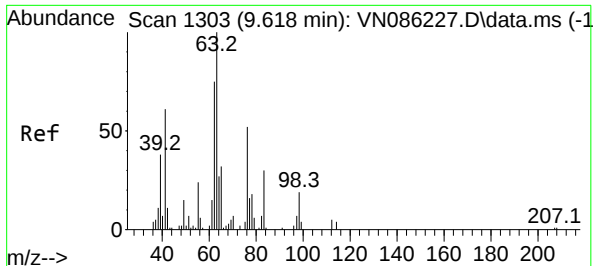


#38
Methylcyclohexane
Concen: 18.728 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47



Tgt Ion: 83 Resp: 59438
Ion Ratio Lower Upper
83 100
55 72.9 38.0 113.9
98 48.3 24.2 72.6





#39

1,2-Dichloropropane

Concen: 18.751 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040425

Tgt Ion: 63 Resp: 41789

Ion Ratio Lower Upper

63 100

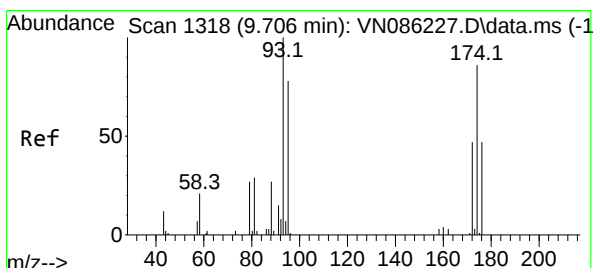
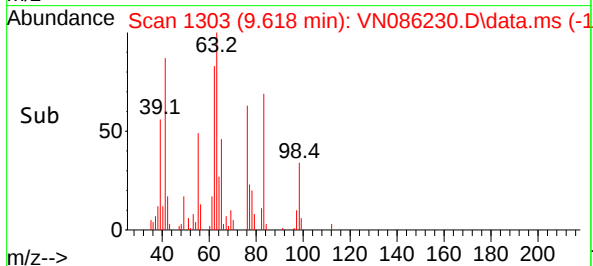
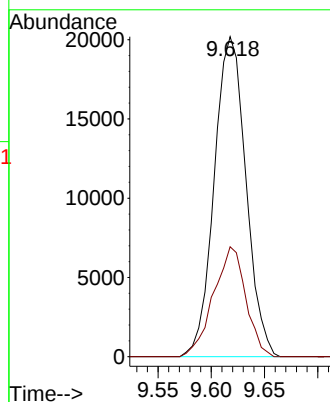
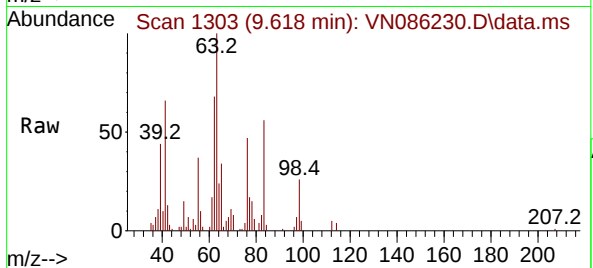
65 34.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#40

Dibromomethane

Concen: 19.036 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

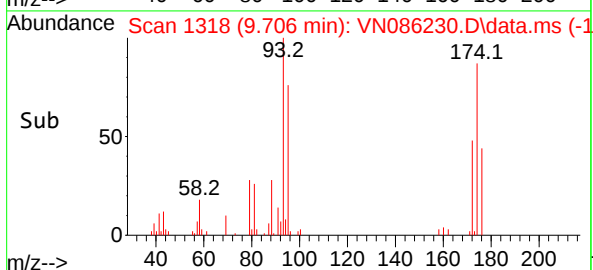
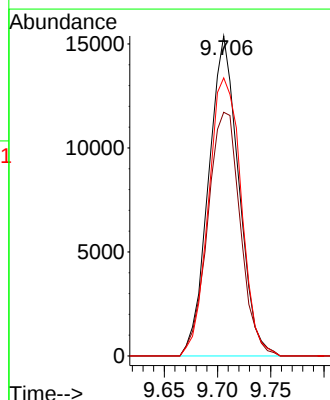
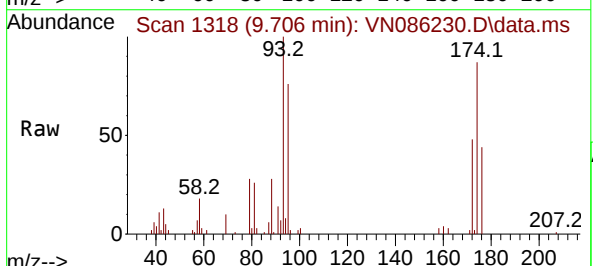
Tgt Ion: 93 Resp: 30265

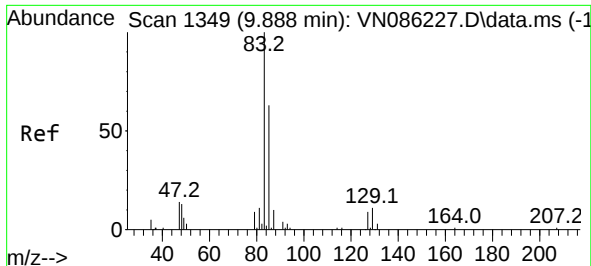
Ion Ratio Lower Upper

93 100

95 82.3 0.0 160.8

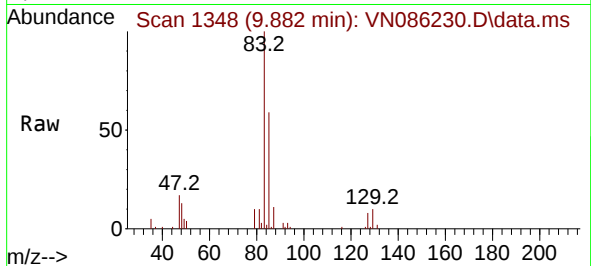
174 94.2 0.0 181.4





#41
Bromodichloromethane
Concen: 19.137 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

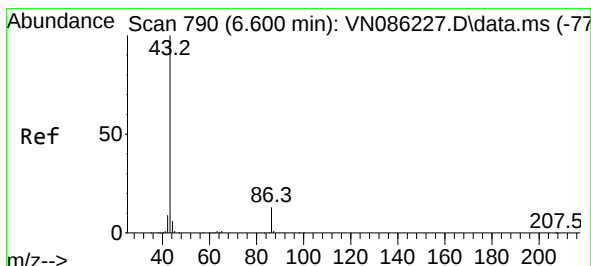
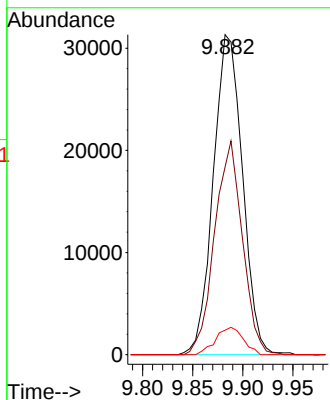
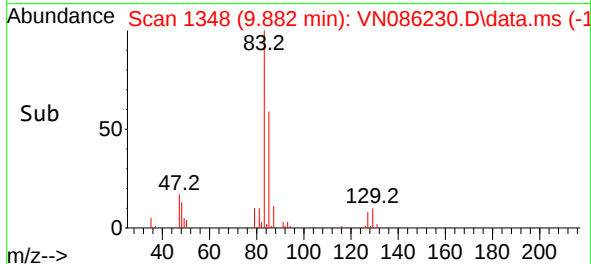
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



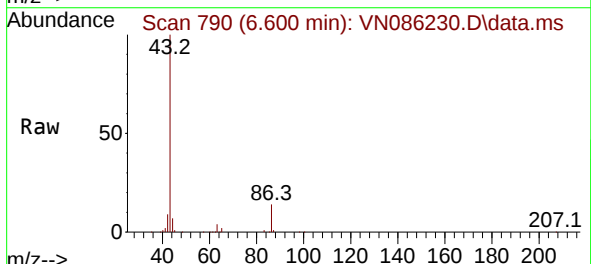
Tgt Ion: 83 Resp: 6333
Ion Ratio Lower Upper
83 100
85 58.7 50.6 75.8
127 7.7 6.8 10.2

Manual Integrations
APPROVED

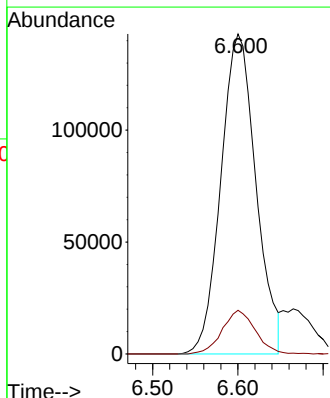
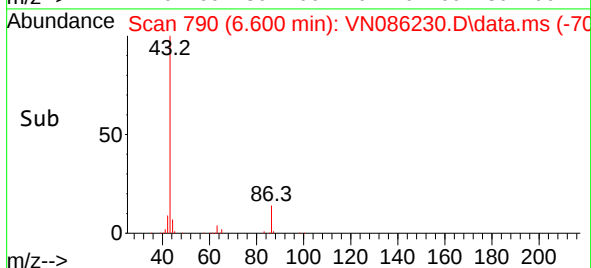
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

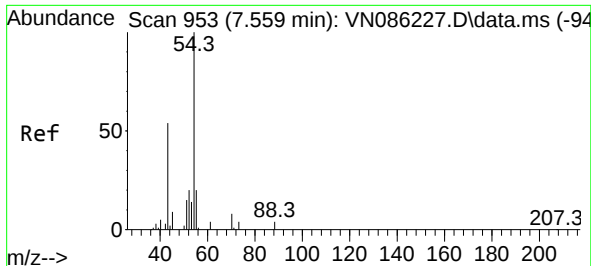


#42
Vinyl Acetate
Concen: 92.291 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47



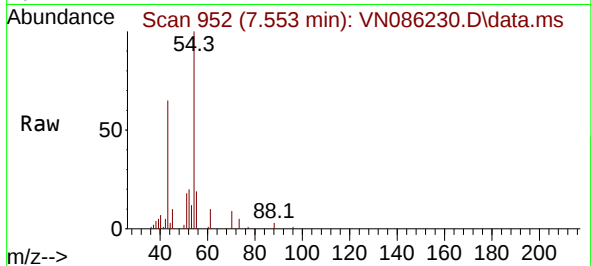
Tgt Ion: 43 Resp: 409598
Ion Ratio Lower Upper
43 100
86 12.9 9.9 14.9





#43
Ethyl Acetate
Concen: 17.665 ug/l m
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

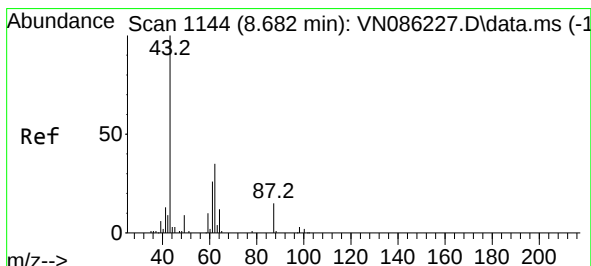
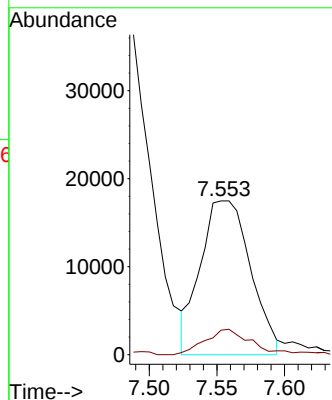
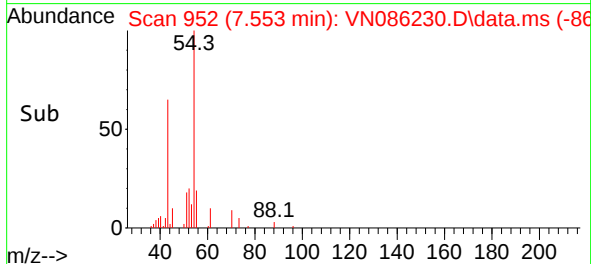
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



Tgt Ion: 43 Resp: 45104
Ion Ratio Lower Upper
43 100
45 0.7 0.2 0.4

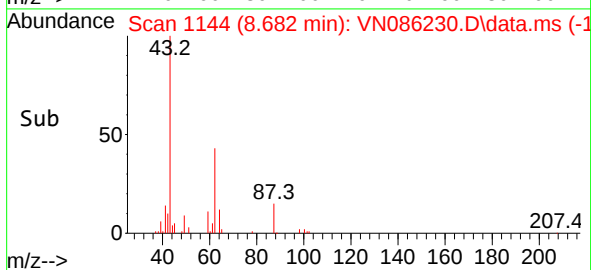
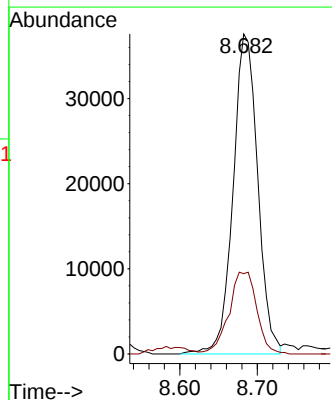
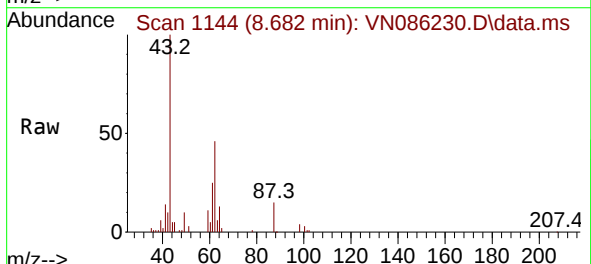
Manual Integrations
APPROVED

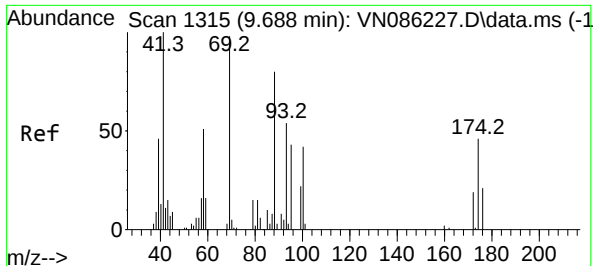
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#44
Isopropyl Acetate
Concen: 19.126 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

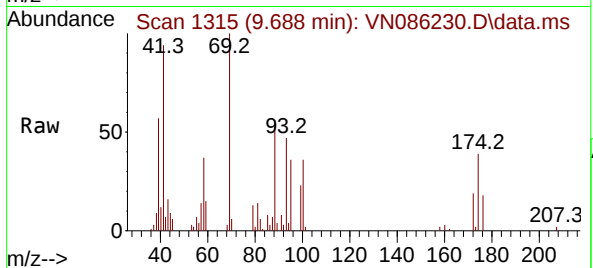
Tgt Ion: 43 Resp: 83141
Ion Ratio Lower Upper
43 100
61 29.0 24.3 36.5





#45
1,4-Dioxane
Concen: 372.714 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

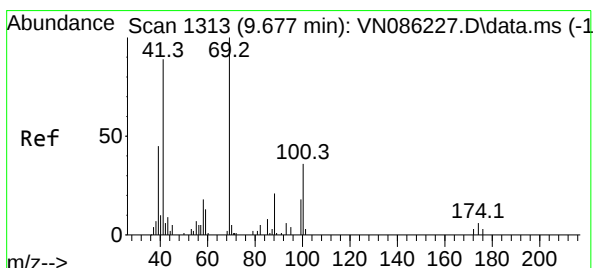
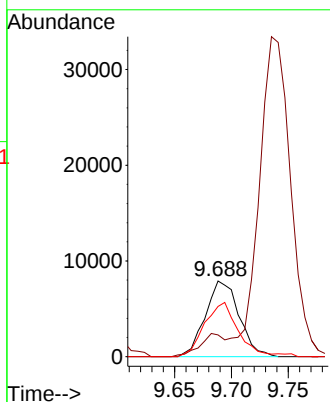
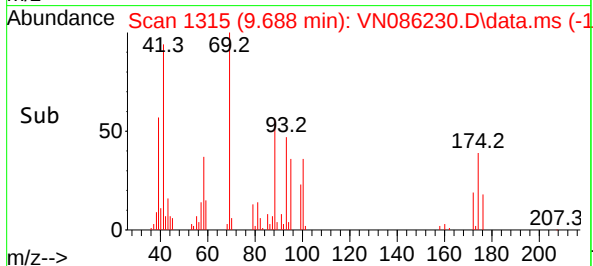
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



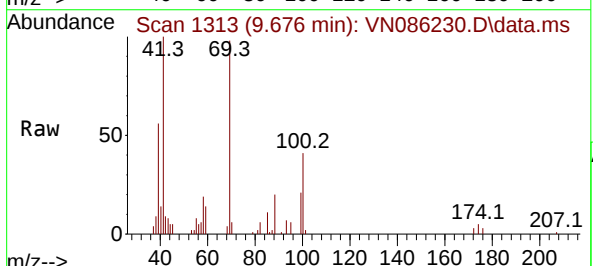
Tgt Ion: 88 Resp: 1635
Ion Ratio Lower Upper
88 100
43 21.8 19.8 29.8
58 70.6 60.6 91.0

Manual Integrations
APPROVED

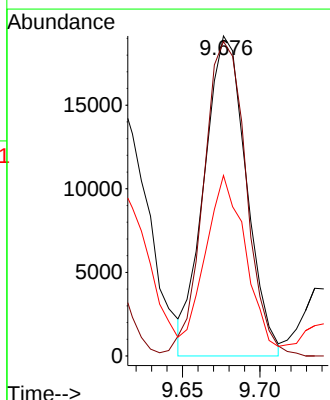
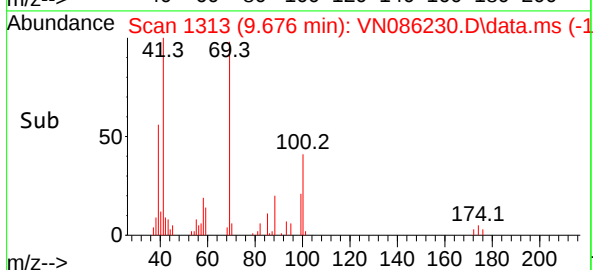
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

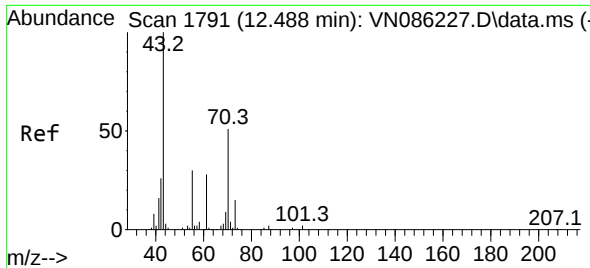


#46
Methyl methacrylate
Concen: 18.649 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47



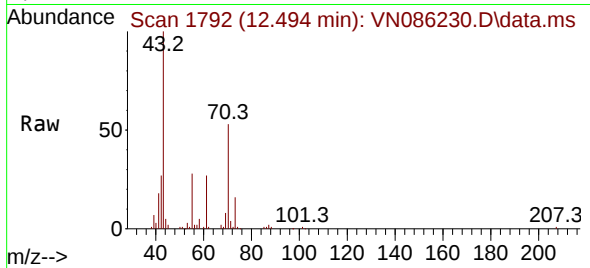
Tgt Ion: 41 Resp: 36194
Ion Ratio Lower Upper
41 100
69 98.8 53.1 159.4
39 55.5 25.2 75.6





#47
n-amy1 Acetate
Concen: 17.778 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

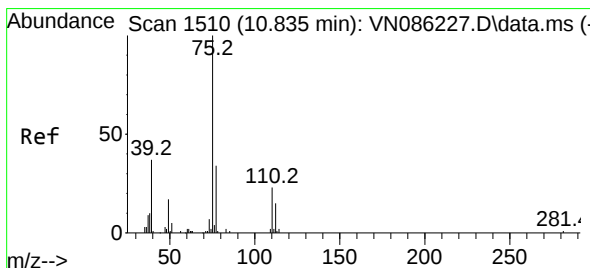
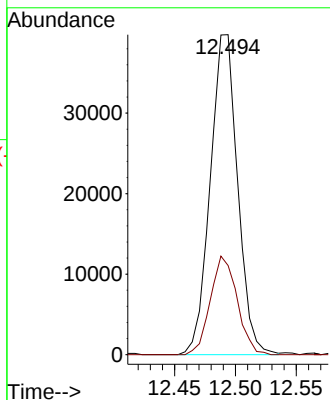
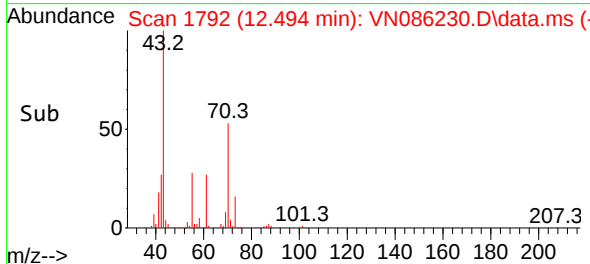
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



Tgt Ion: 43 Resp: 6232
Ion Ratio Lower Upper
43 100
55 30.1 24.6 36.8

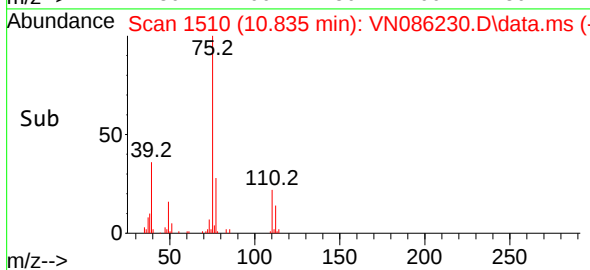
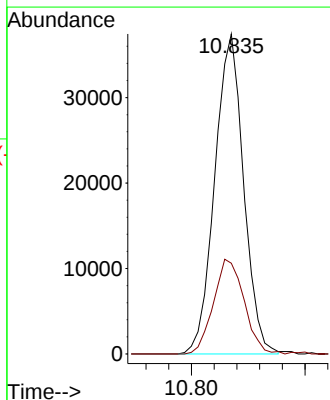
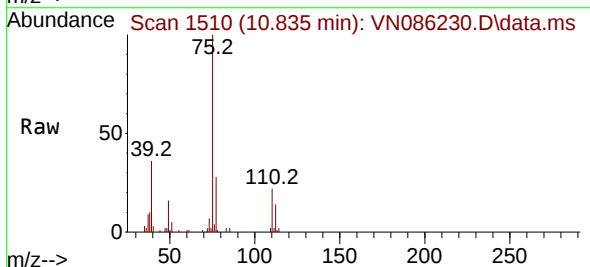
Manual Integrations
APPROVED

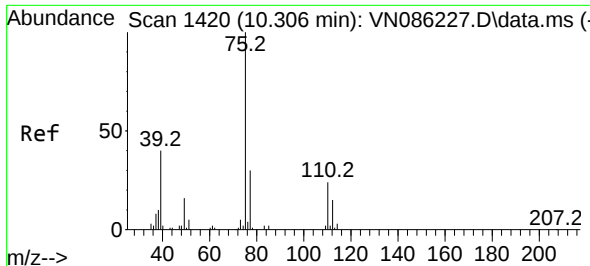
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#48
t-1,3-Dichloropropene
Concen: 18.923 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Tgt Ion: 75 Resp: 66023
Ion Ratio Lower Upper
75 100
77 28.4 27.2 40.8





#49

cis-1,3-Dichloropropene

Concen: 19.039 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040425

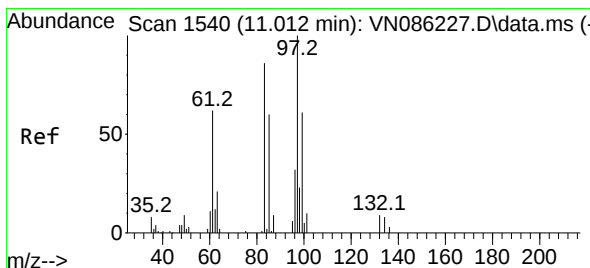
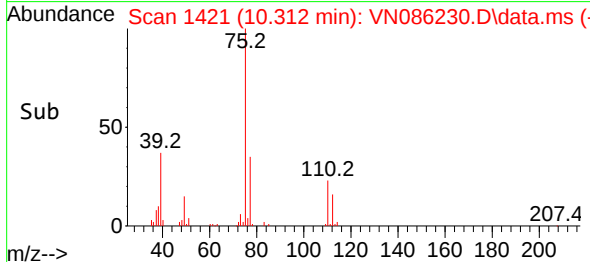
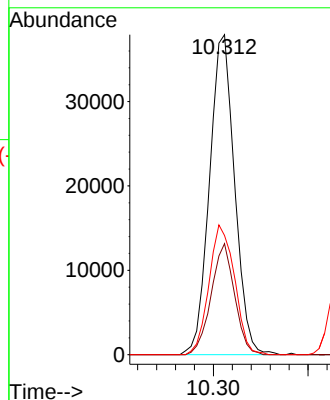
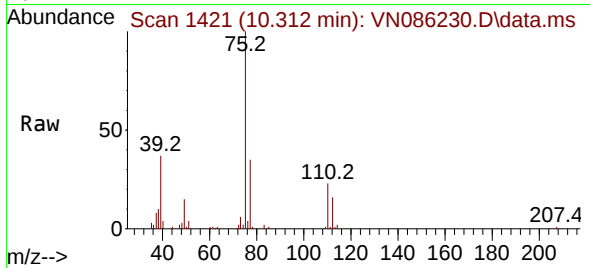
Tgt Ion: 75	Resp: 69734
Ion Ratio	Lower Upper
75 100	
77 34.7	23.8 35.6
39 37.3	31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#50

1,1,2-Trichloroethane

Concen: 19.459 ug/l

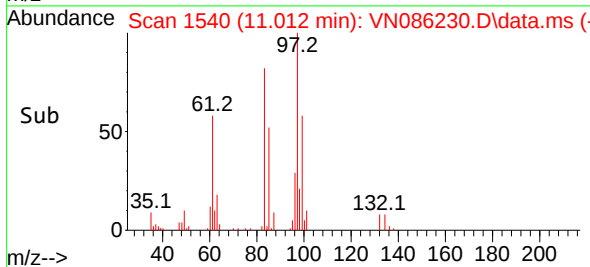
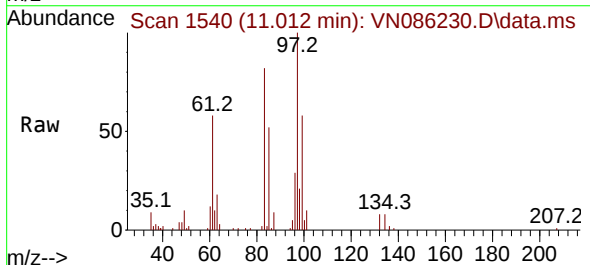
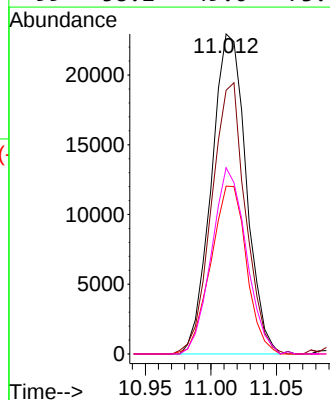
RT: 11.012 min Scan# 1540

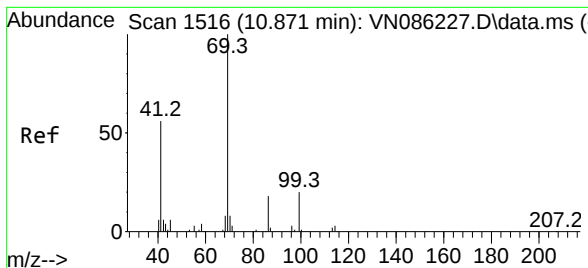
Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

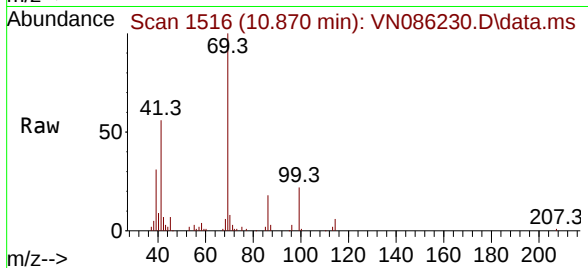
Tgt Ion: 97	Resp: 42368
Ion Ratio	Lower Upper
97 100	
83 81.6	68.4 102.6
85 52.5	47.7 71.5
99 58.2	49.0 73.4





#51
Ethyl methacrylate
Concen: 18.144 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

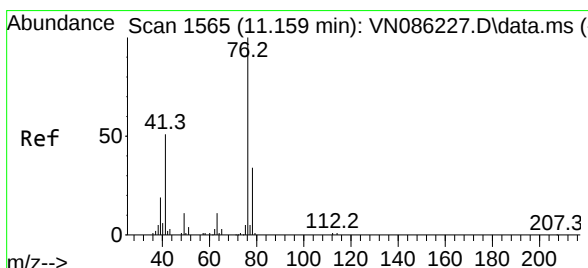
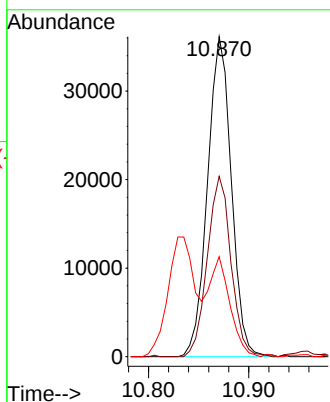
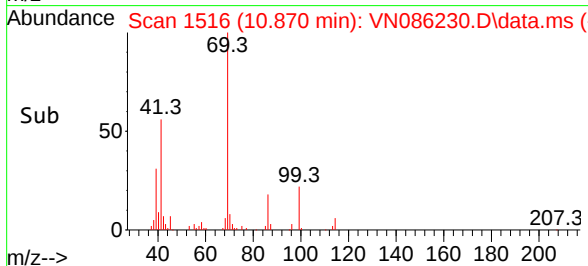
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



Tgt Ion: 69 Resp: 59652
Ion Ratio Lower Upper
69 100
41 56.4 27.8 83.3
39 31.3 14.1 42.3

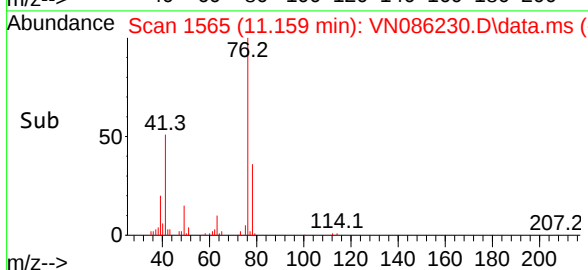
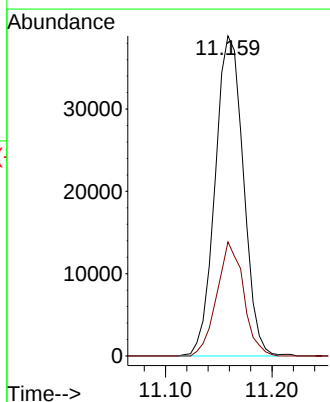
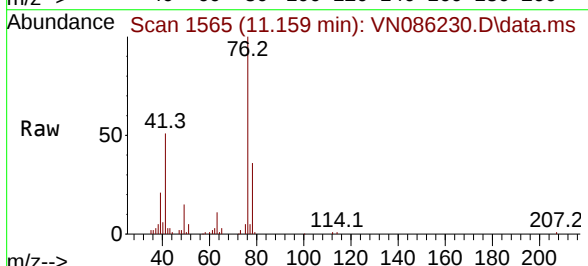
Manual Integrations
APPROVED

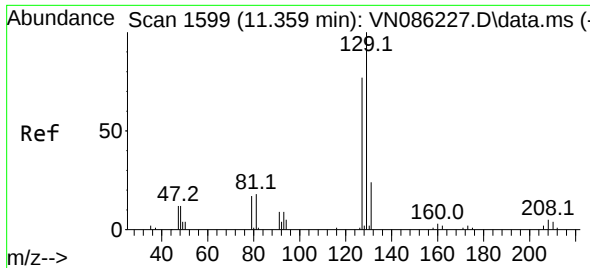
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#52
1,3-Dichloropropane
Concen: 19.103 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

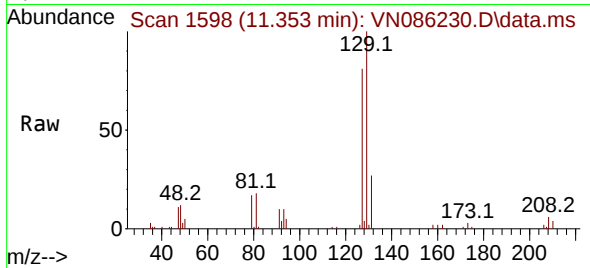
Tgt Ion: 76 Resp: 71645
Ion Ratio Lower Upper
76 100
78 33.7 0.0 65.4





#53
Dibromochloromethane
Concen: 18.719 ug/l
RT: 11.353 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

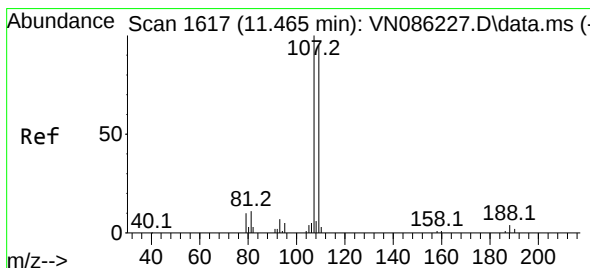
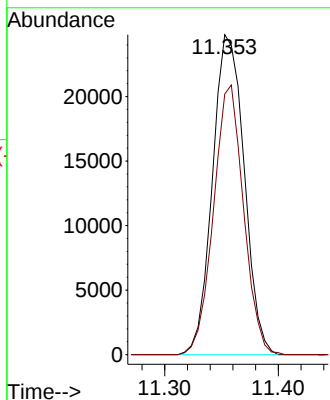
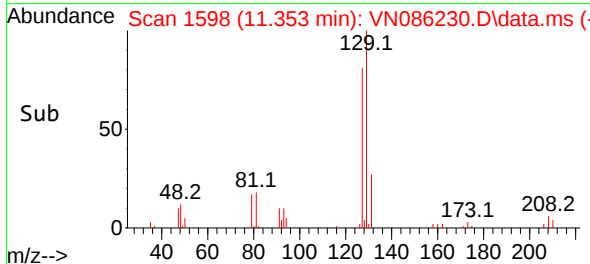
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



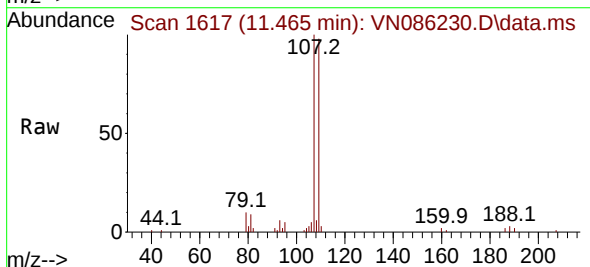
Tgt Ion:129 Resp: 48062
Ion Ratio Lower Upper
129 100
127 79.7 38.8 116.4

Manual Integrations
APPROVED

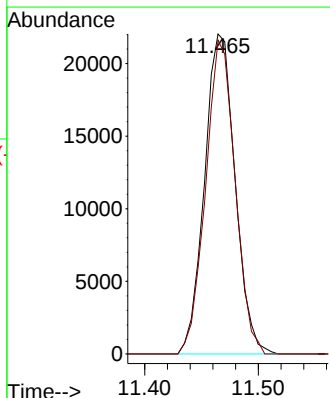
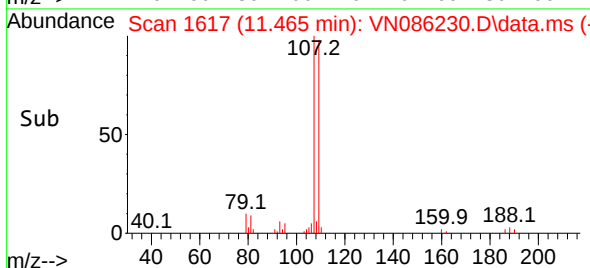
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

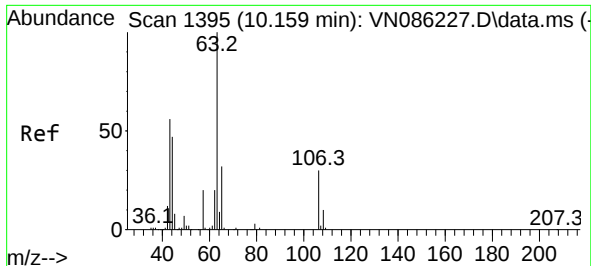


#54
1,2-Dibromoethane
Concen: 18.928 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47



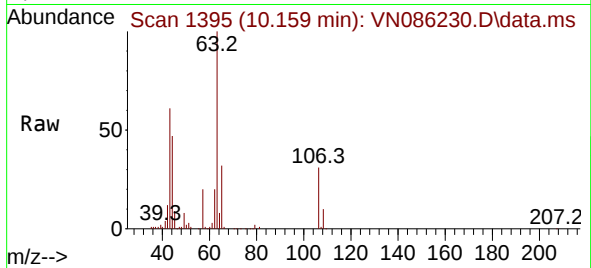
Tgt Ion:107 Resp: 41201
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4





#55
2-Chloroethyl vinyl ether
Concen: 153.678 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

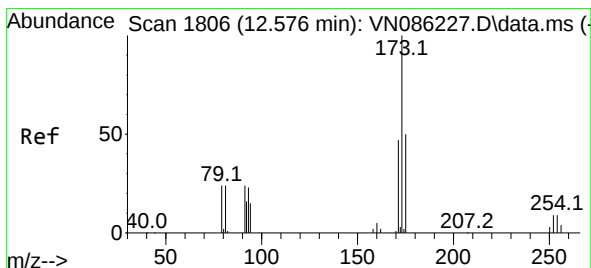
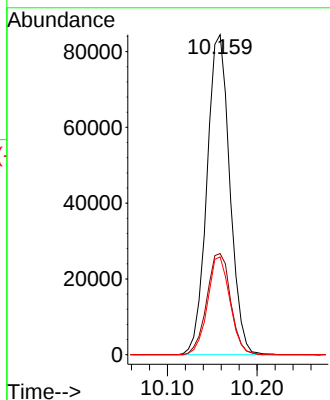
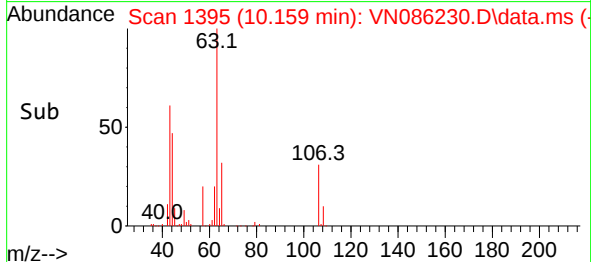
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



Tgt Ion: 63 Resp: 14944
Ion Ratio Lower Upper
63 100
65 32.8 25.7 38.5
106 30.0 23.5 35.3

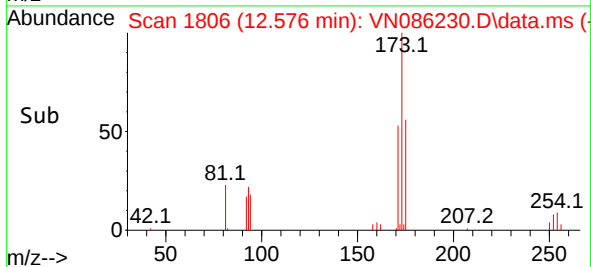
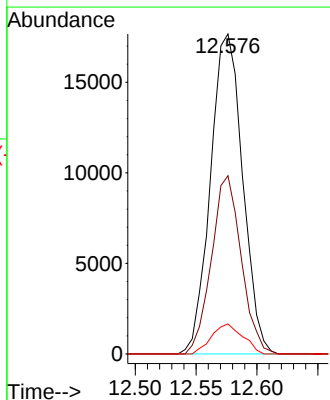
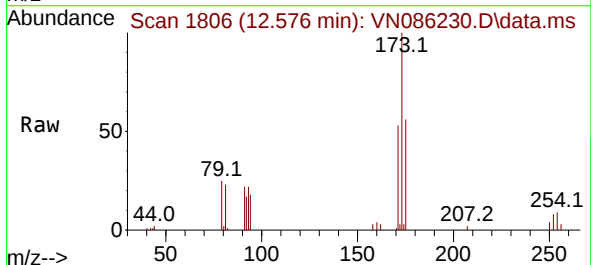
Manual Integrations
APPROVED

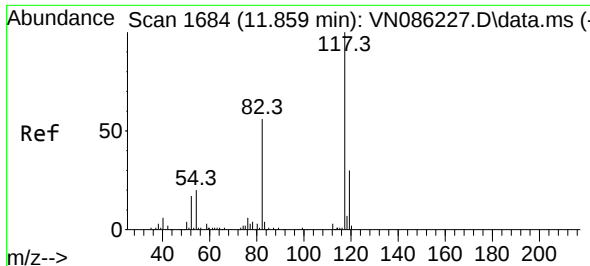
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#56
Bromoform
Concen: 18.561 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

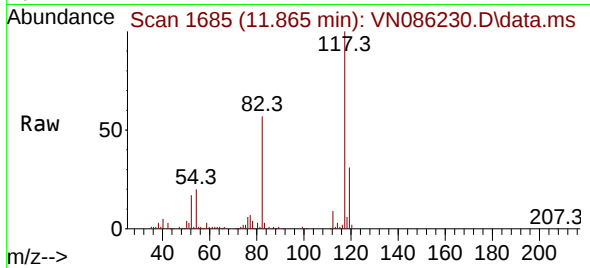
Tgt Ion:173 Resp: 32544
Ion Ratio Lower Upper
173 100
175 51.5 38.2 57.4
254 9.1 7.5 11.3





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

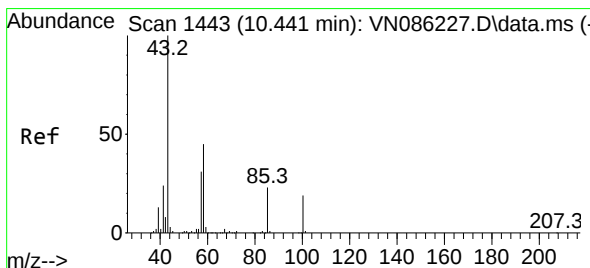
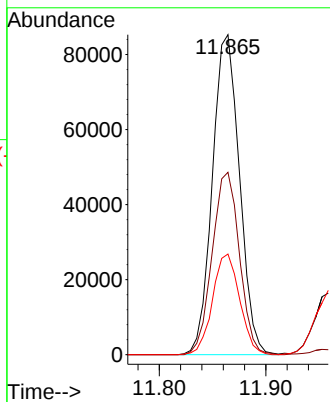
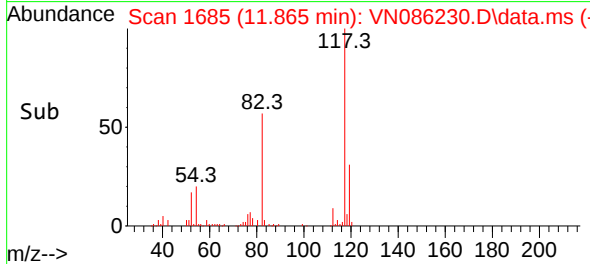
Instrument :
MSVOA_N
ClientSampleId :
ICV VN040425



Tgt Ion: 117 Resp: 150810
Ion Ratio Lower Upper
117 100
82 57.2 46.0 69.0
119 31.5 25.4 38.0

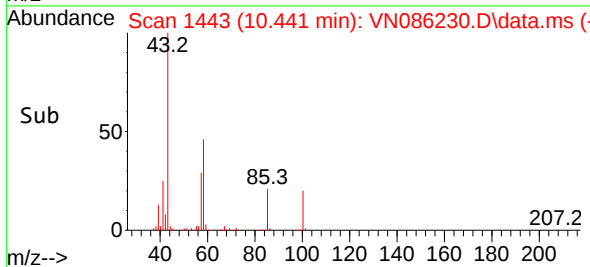
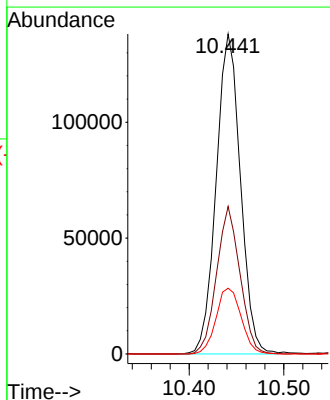
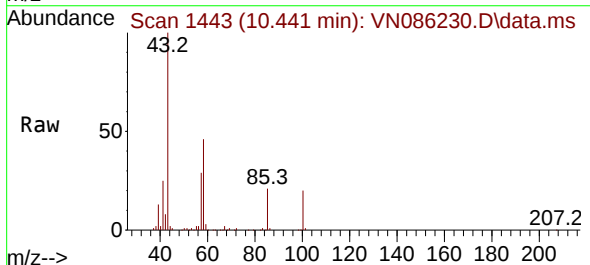
Manual Integrations
APPROVED

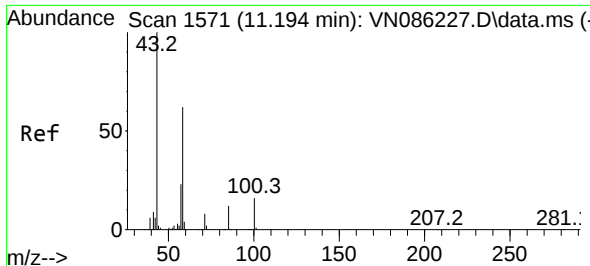
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#58
4-Methyl-2-Pentanone
Concen: 94.551 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

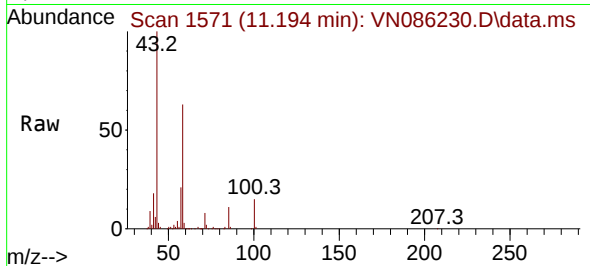
Tgt Ion: 43 Resp: 245556
Ion Ratio Lower Upper
43 100
58 44.4 35.4 53.2
85 21.4 17.6 26.4





#59
2-Hexanone
Concen: 93.223 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

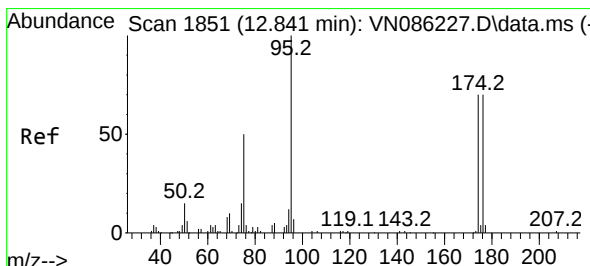
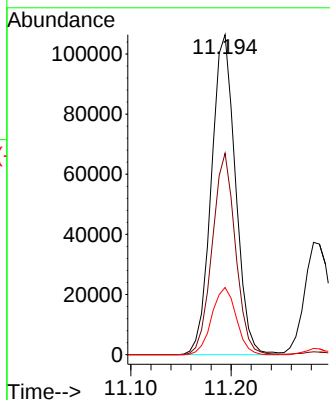
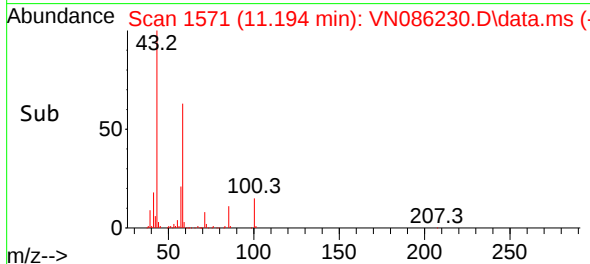
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



Tgt Ion: 43 Resp: 177849
Ion Ratio Lower Upper
43 100
58 60.6 48.5 72.7
57 21.3 17.7 26.5

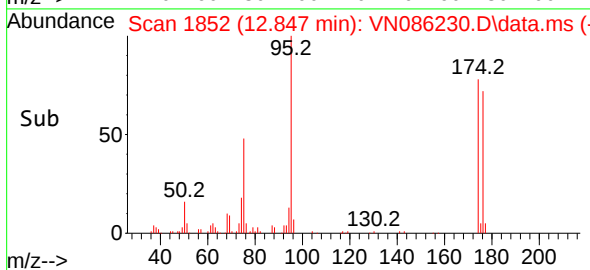
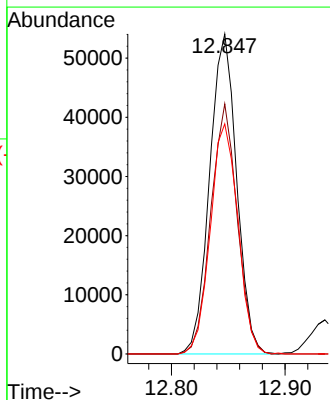
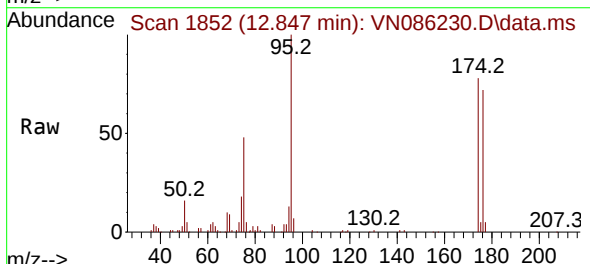
Manual Integrations
APPROVED

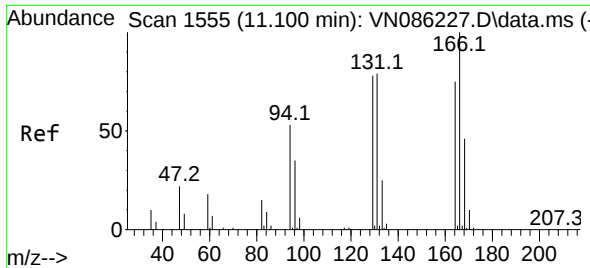
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#60
4-Bromofluorobenzene
Concen: 30.273 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

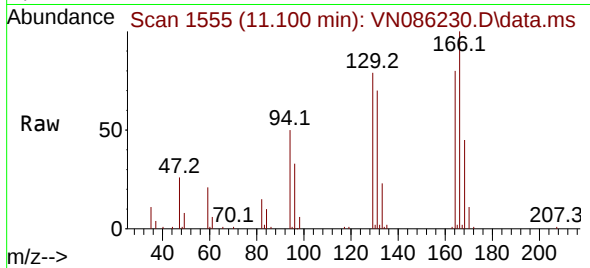
Tgt Ion: 95 Resp: 89491
Ion Ratio Lower Upper
95 100
174 76.4 59.7 89.5
176 73.3 56.8 85.2





#61
Tetrachloroethene
Concen: 19.497 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

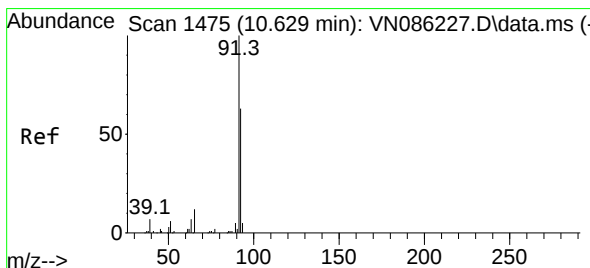
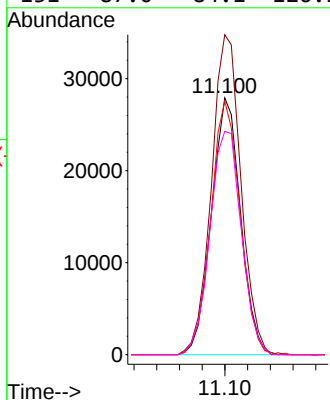
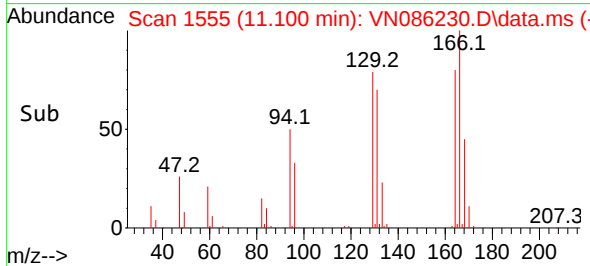
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



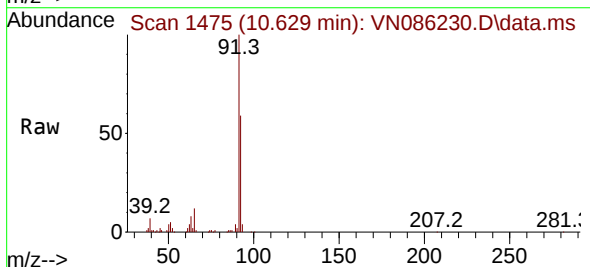
Tgt Ion:164 Resp: 49725
Ion Ratio Lower Upper
164 100
166 124.6 106.3 159.5
129 98.7 83.3 124.9
131 87.0 84.1 126.1

Manual Integrations
APPROVED

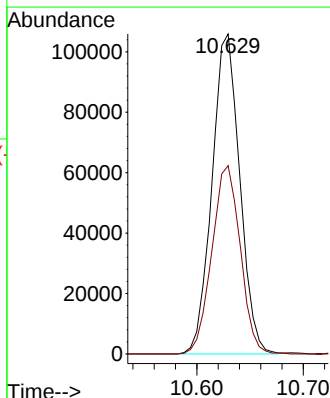
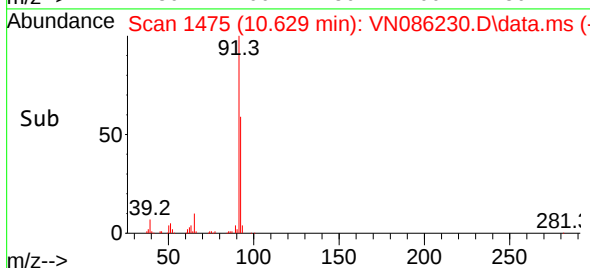
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

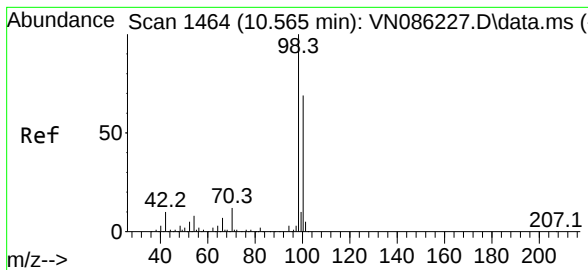


#62
Toluene
Concen: 19.311 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47



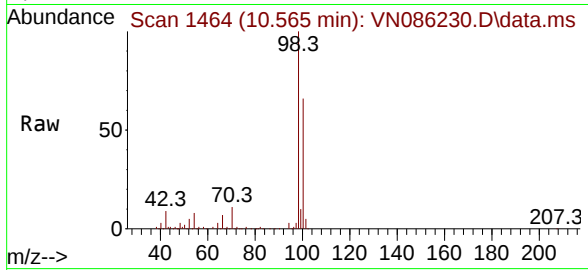
Tgt Ion: 91 Resp: 191782
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.4





#63
Toluene-d8
Concen: 30.163 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

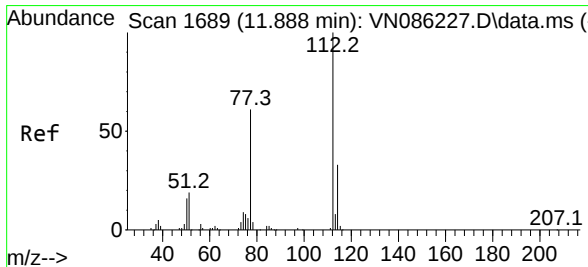
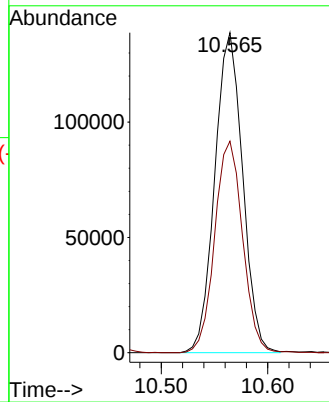
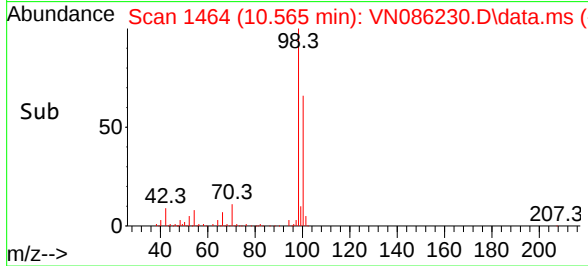
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



Tgt Ion: 98 Resp: 251828
Ion Ratio Lower Upper
98 100
100 66.3 53.9 80.9

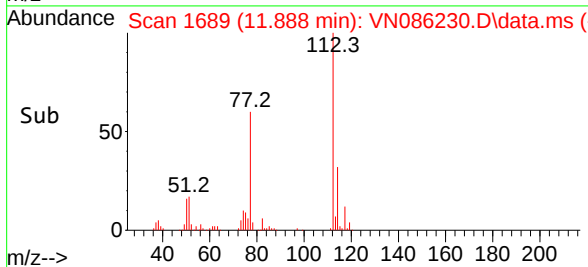
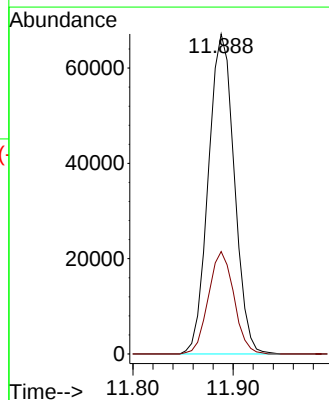
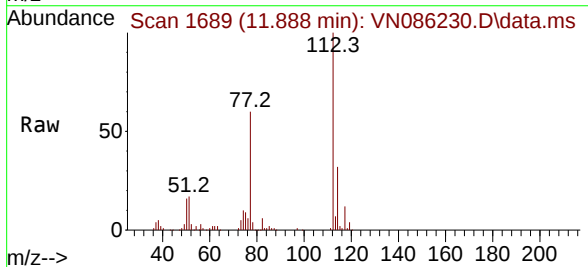
Manual Integrations
APPROVED

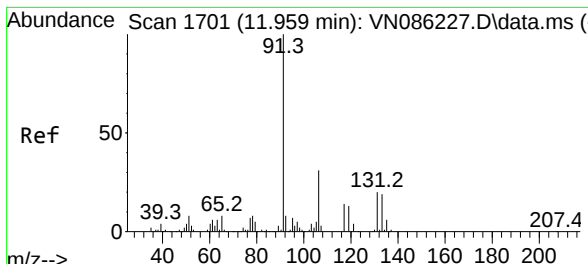
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#64
Chlorobenzene
Concen: 19.387 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Tgt Ion:112 Resp: 120584
Ion Ratio Lower Upper
112 100
114 32.0 26.5 39.7



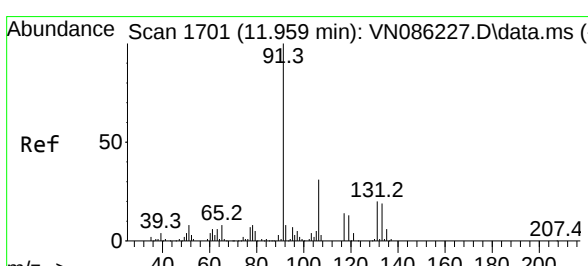
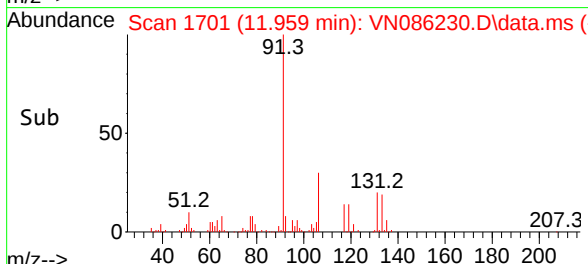
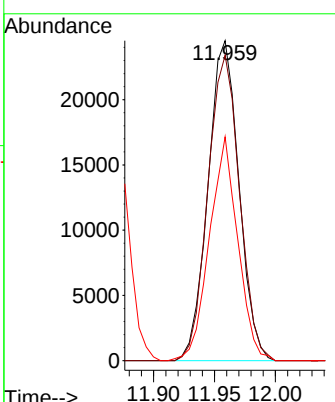
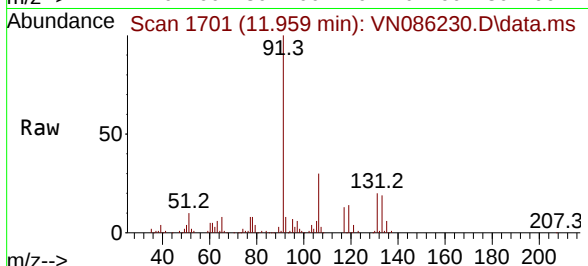


#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.924 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086230.D
 Acq: 04 Apr 2025 13:47

Instrument : MSVOA_N
 ClientSampleId : ICVVN040425

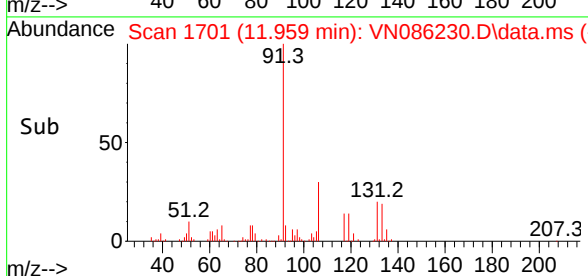
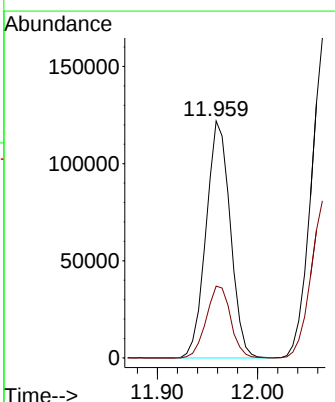
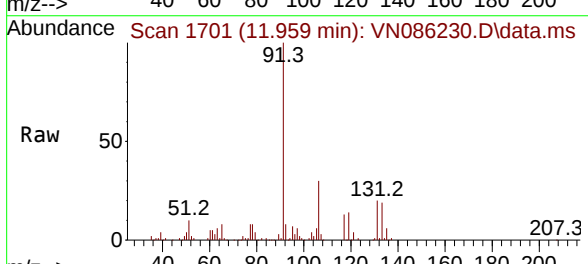
Tgt Ion:	131	Resp:	4334
Ion Ratio	Lower	Upper	
131	100		
133	97.4	0.0	187.0
119	64.2	0.0	125.2

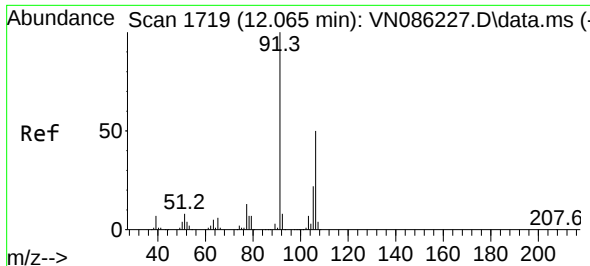
Manual Integrations
APPROVED
 Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#66
 Ethyl Benzene
 Concen: 19.083 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN086230.D
 Acq: 04 Apr 2025 13:47

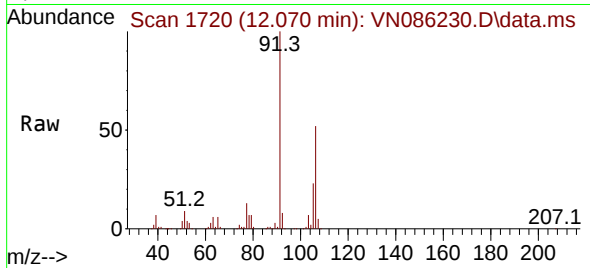
Tgt Ion:	91	Resp:	203870
Ion Ratio	Lower	Upper	
91	100		
106	30.3	24.7	37.1





#67
m/p-Xylenes
Concen: 38.714 ug/l
RT: 12.070 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

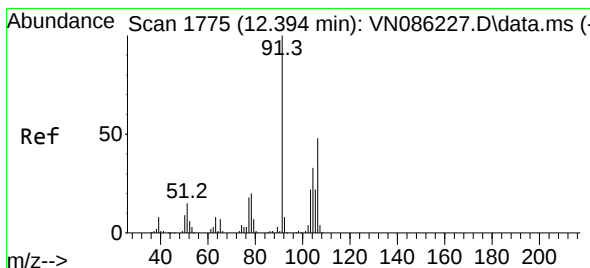
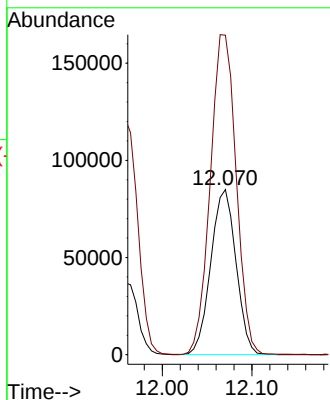
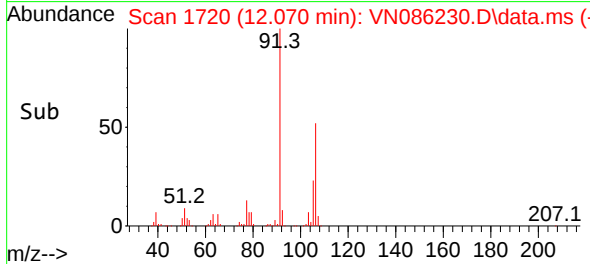
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



Tgt Ion:106 Resp: 16574
Ion Ratio Lower Upper
106 100
91 198.5 161.4 242.0

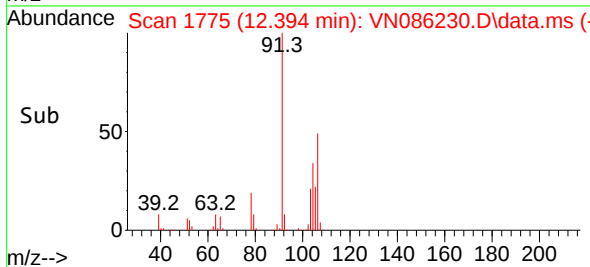
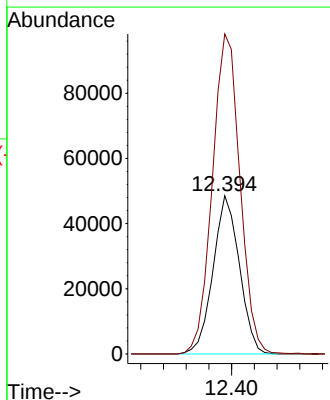
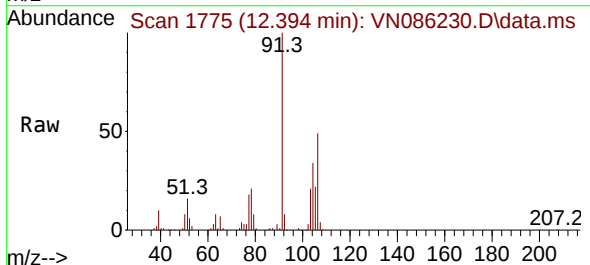
Manual Integrations
APPROVED

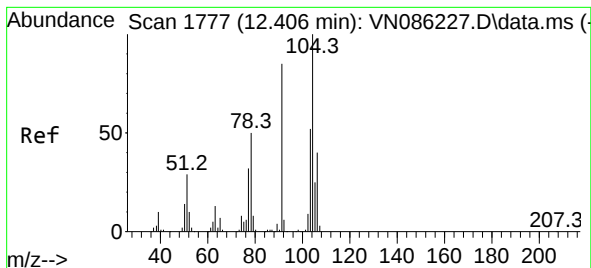
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#68
o-Xylene
Concen: 19.331 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Tgt Ion:106 Resp: 78271
Ion Ratio Lower Upper
106 100
91 211.6 106.1 318.1





#69

Styrene

Concen: 18.926 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040425

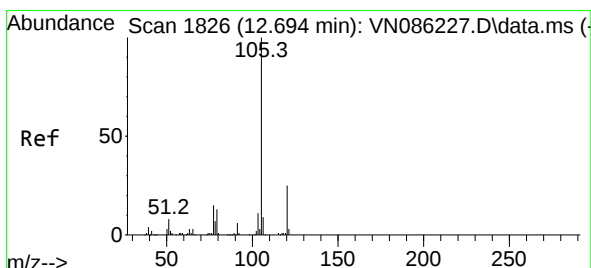
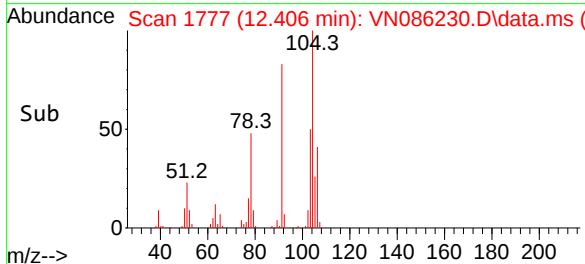
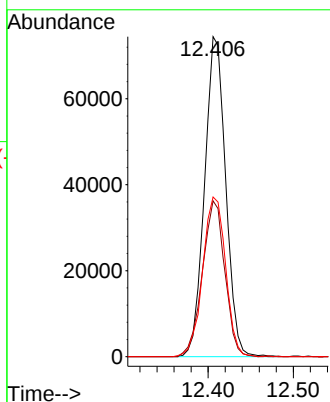
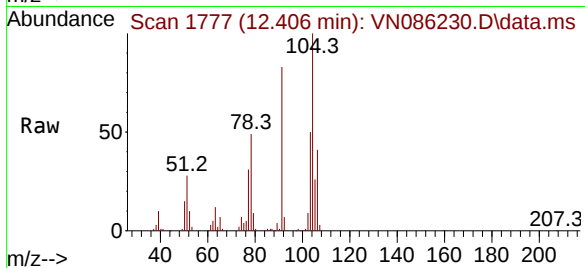
Tgt Ion:104	Resp: 12856
Ion Ratio	Lower Upper
104 100	
78 51.5	40.9 61.3
103 54.0	42.6 63.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#70

Isopropylbenzene

Concen: 19.049 ug/l

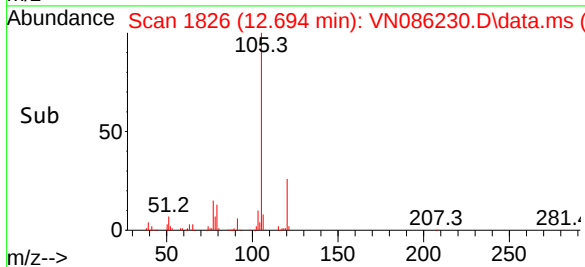
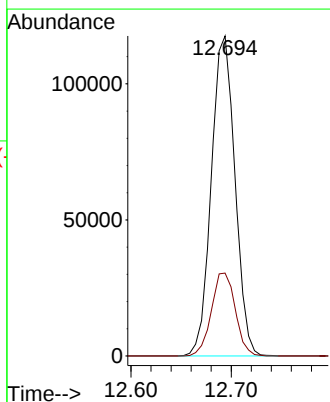
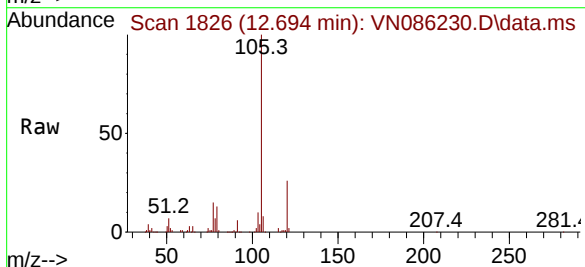
RT: 12.694 min Scan# 1826

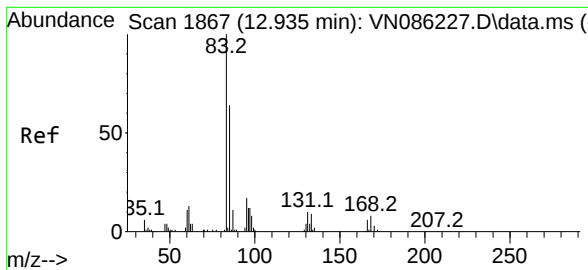
Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

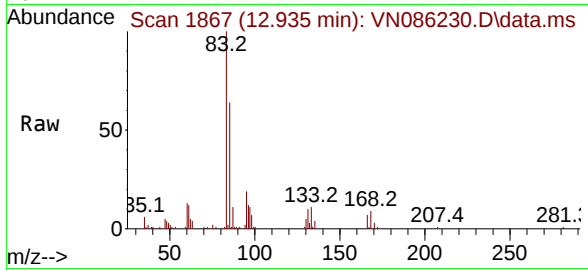
Tgt Ion:105	Resp: 192580
Ion Ratio	Lower Upper
105 100	
120 26.3	18.0 33.4





#71
1,1,2,2-Tetrachloroethane
Concen: 19.083 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

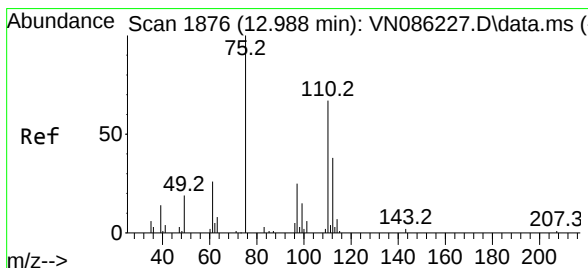
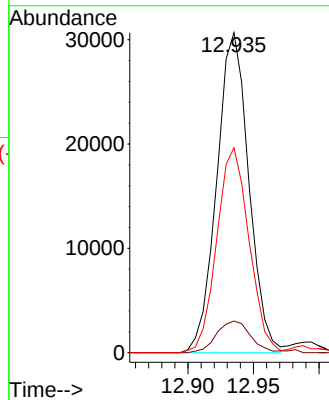
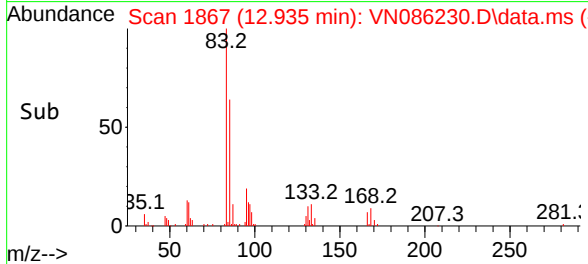
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



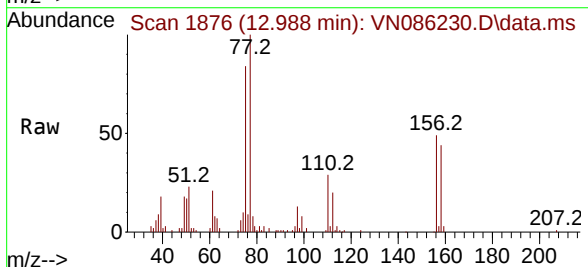
Tgt Ion: 83 Resp: 52088
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 64.3 32.6 97.8

Manual Integrations
APPROVED

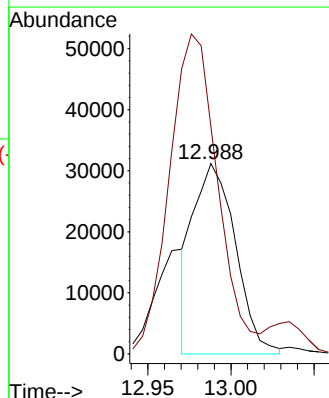
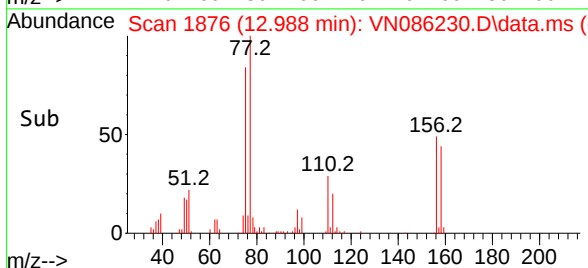
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

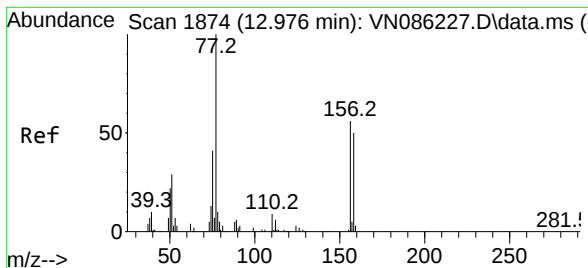


#72
1,2,3-Trichloropropane
Concen: 20.995 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47



Tgt Ion: 75 Resp: 54943
Ion Ratio Lower Upper
75 100
77 193.5 0.0 412.2





#73

Bromobenzene

Concen: 18.803 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040425

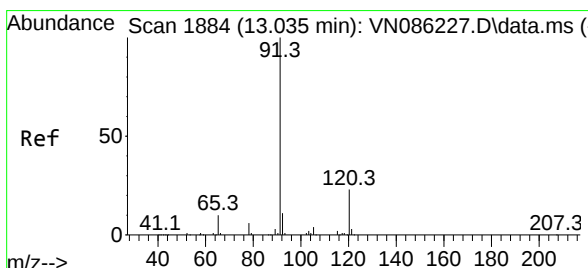
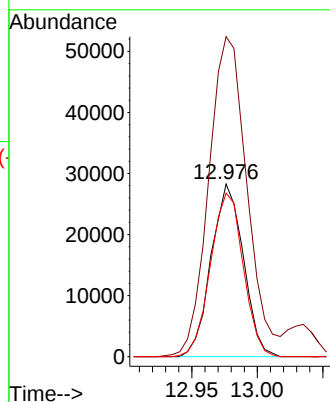
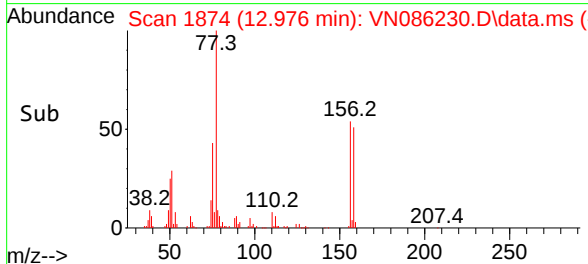
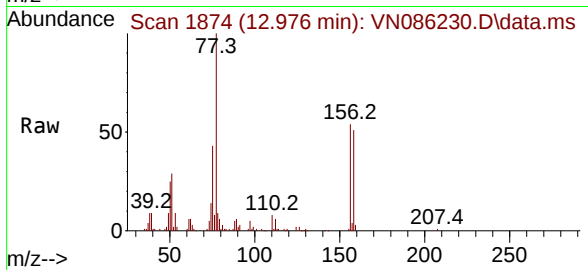
Tgt Ion:	156	Resp:	4832
Ion Ratio	Lower	Upper	
156	100		
77	220.0	0.0	431.8
158	96.2	0.0	197.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#74

n-propylbenzene

Concen: 18.968 ug/l

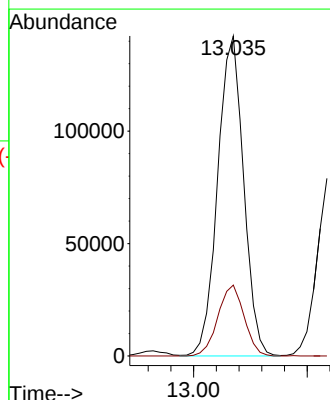
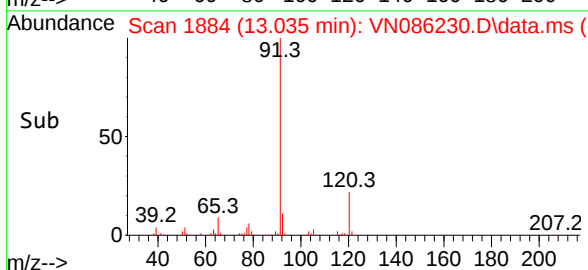
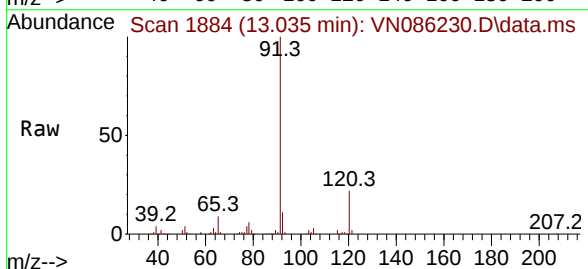
RT: 13.035 min Scan# 1884

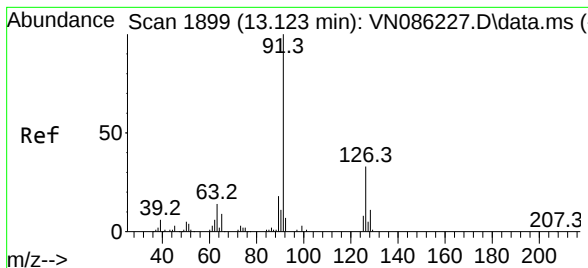
Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

Tgt Ion:	91	Resp:	225704
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	46.0





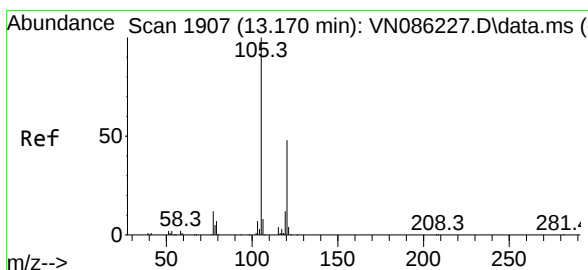
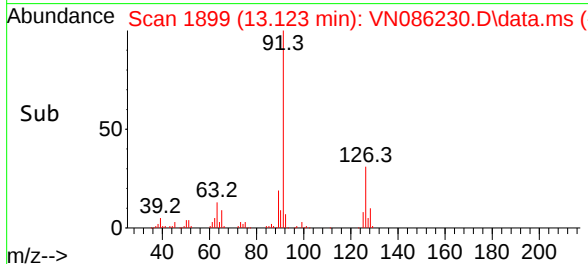
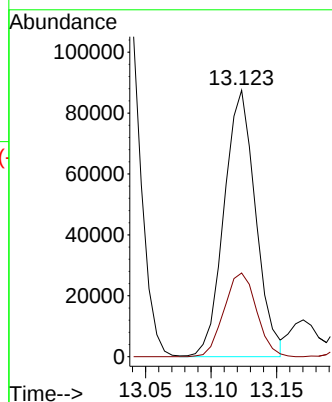
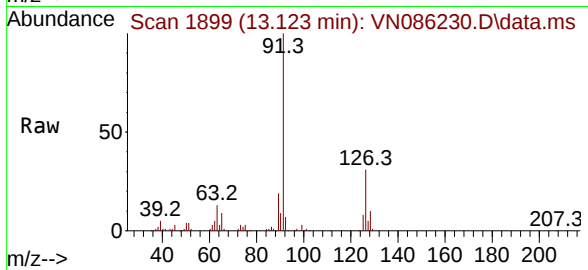
#75
2-Chlorotoluene
Concen: 19.039 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425

Tgt Ion: 91 Resp: 146690
Ion Ratio Lower Upper
91 100
126 32.2 0.0 65.6

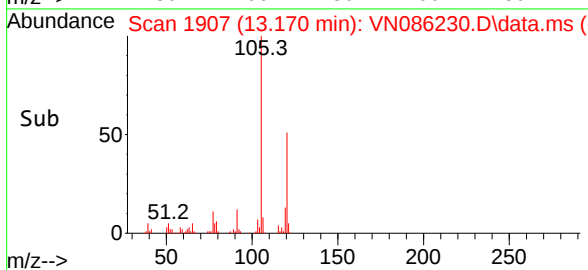
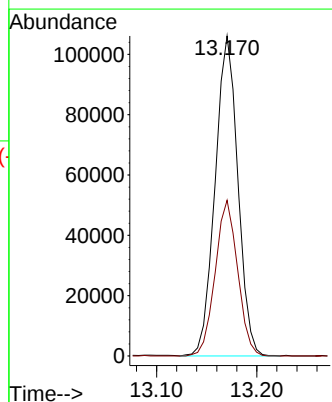
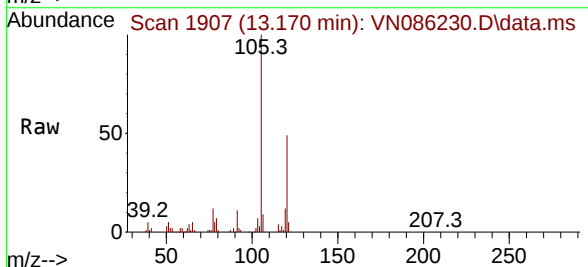
Manual Integrations
APPROVED

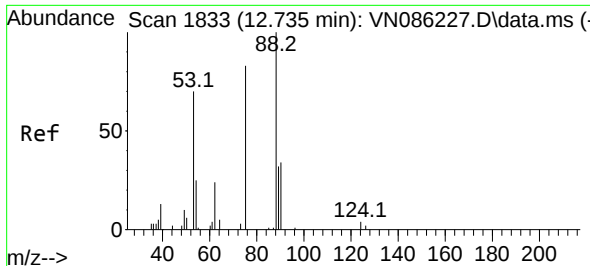
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.084 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

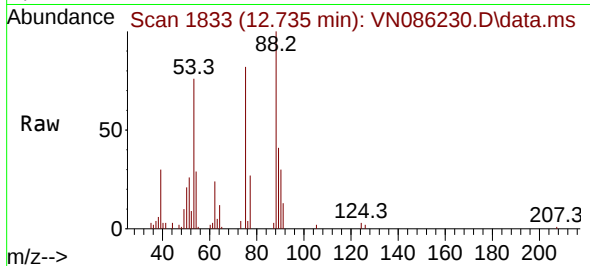
Tgt Ion:105 Resp: 166902
Ion Ratio Lower Upper
105 100
120 47.9 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.131 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

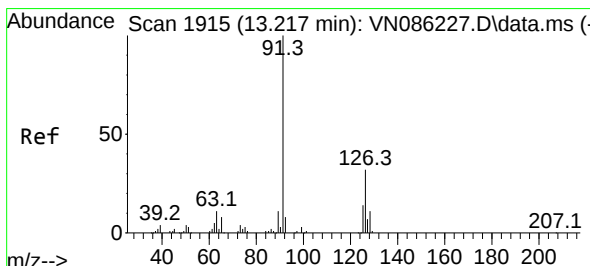
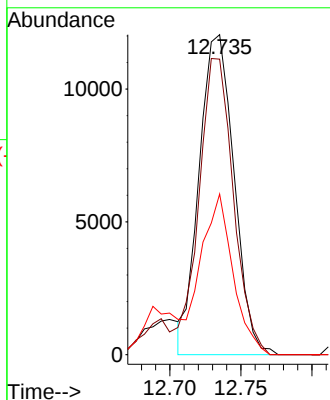
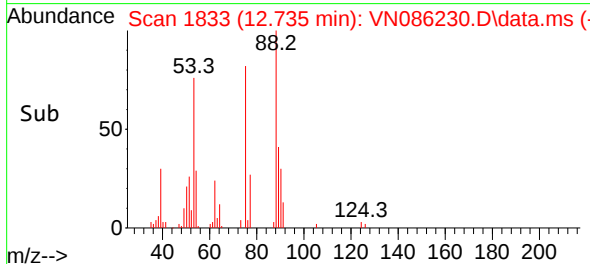
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



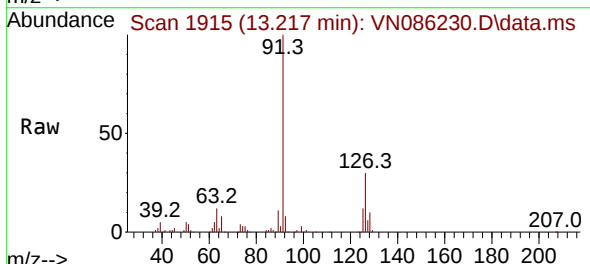
Tgt Ion: 75 Resp: 20558
Ion Ratio Lower Upper
75 100
53 92.3 42.0 126.0
89 50.2 21.6 65.0

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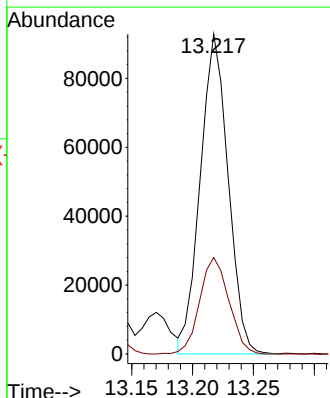
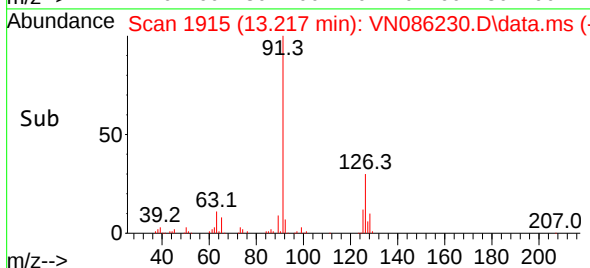
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

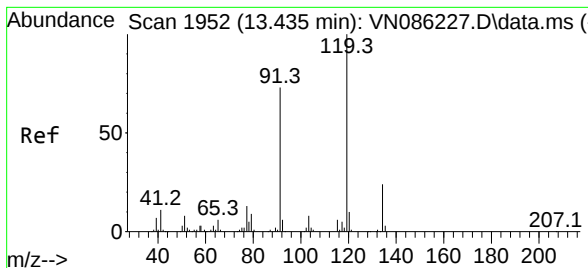


#78
4-Chlorotoluene
Concen: 18.969 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47



Tgt Ion: 91 Resp: 147806
Ion Ratio Lower Upper
91 100
126 31.6 0.0 64.4





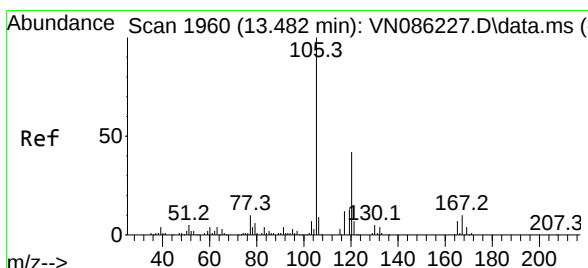
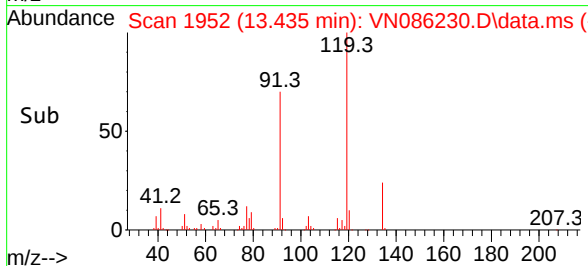
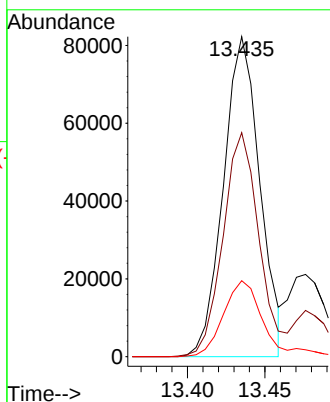
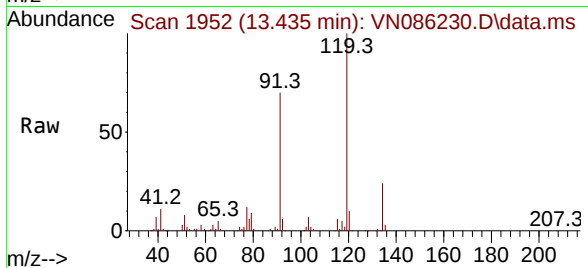
#79
tert-butylbenzene
Concen: 18.733 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Instrument : MSVOA_N
ClientSampleId : ICVVN040425

Tgt Ion:119 Resp: 13449
Ion Ratio Lower Upper
119 100
91 69.8 0.0 138.6
134 24.4 0.0 49.2

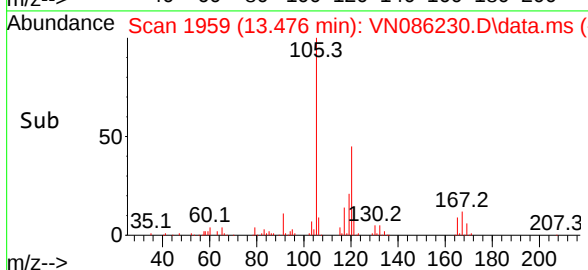
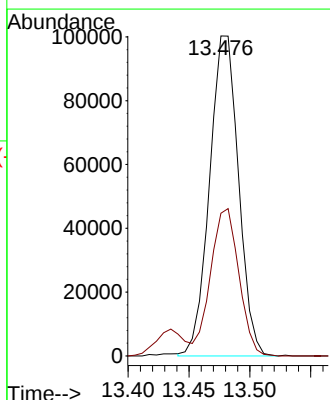
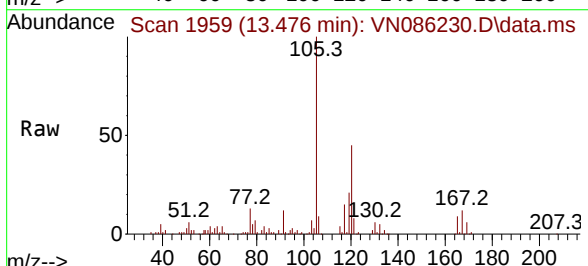
Manual Integrations
APPROVED

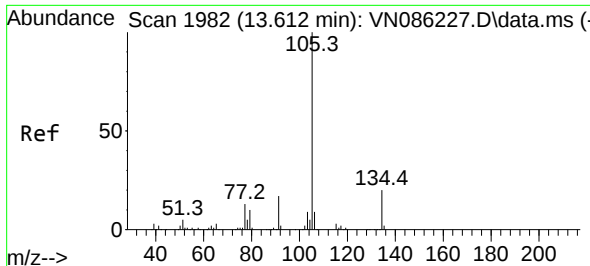
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.645 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Tgt Ion:105 Resp: 166192
Ion Ratio Lower Upper
105 100
120 44.8 0.0 86.6





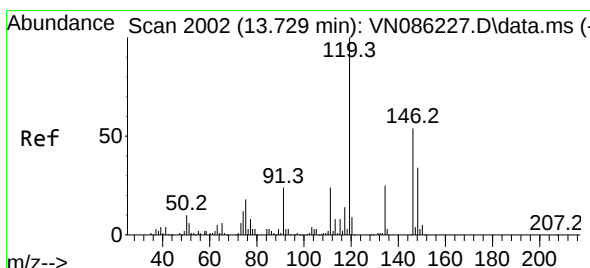
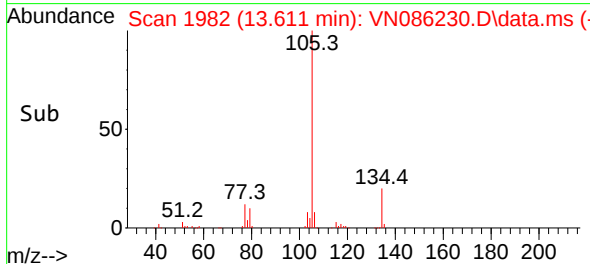
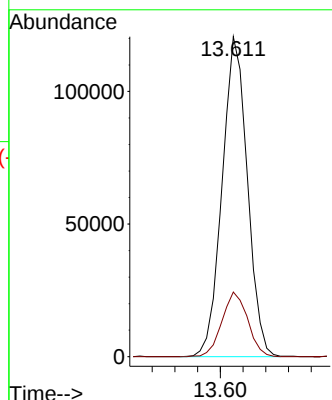
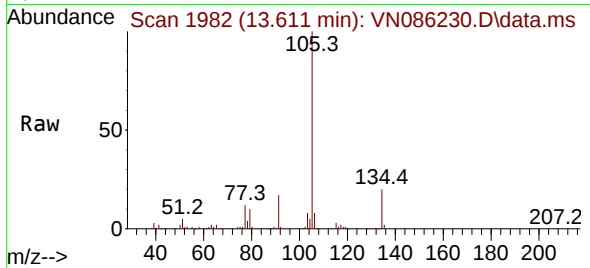
#81
 sec-Butylbenzene
 Concen: 18.241 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086230.D
 Acq: 04 Apr 2025 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN040425

Tgt Ion:105 Resp: 18604
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 39.0

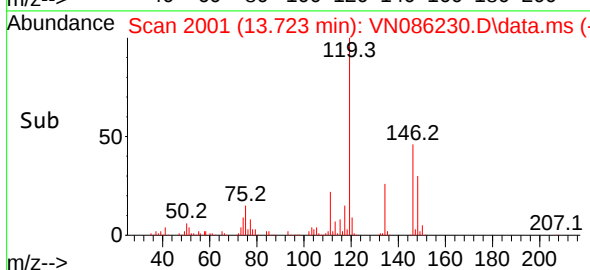
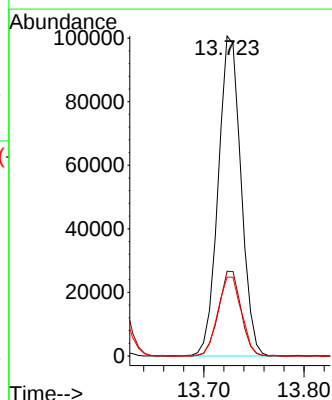
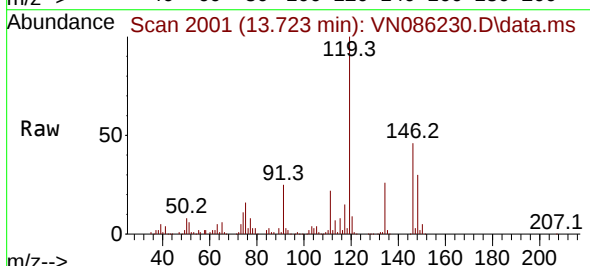
Manual Integrations
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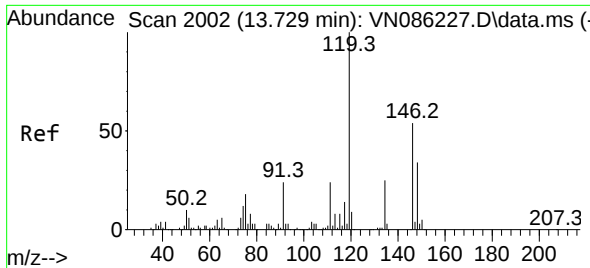
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#82
 p-Isopropyltoluene
 Concen: 18.431 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086230.D
 Acq: 04 Apr 2025 13:47

Tgt Ion:119 Resp: 158730
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 52.2
 91 25.5 0.0 50.4





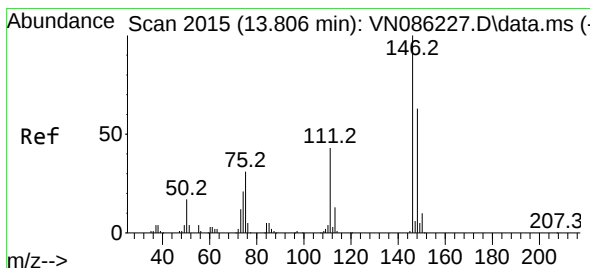
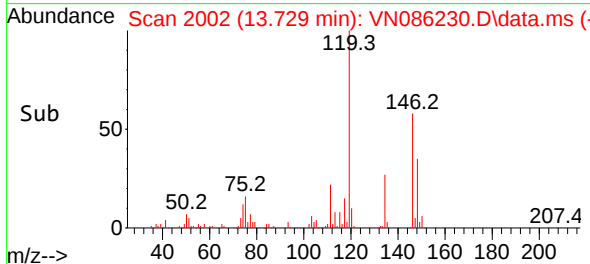
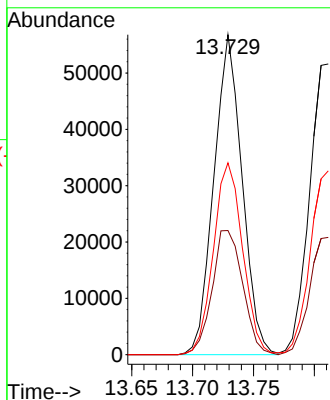
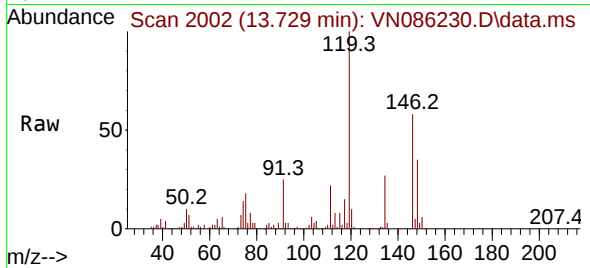
#83
1,3-Dichlorobenzene
Concen: 18.965 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425

Tgt Ion:146 Resp: 9168
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.4
148 62.2 32.3 96.8

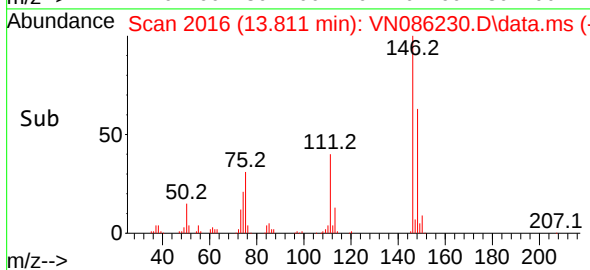
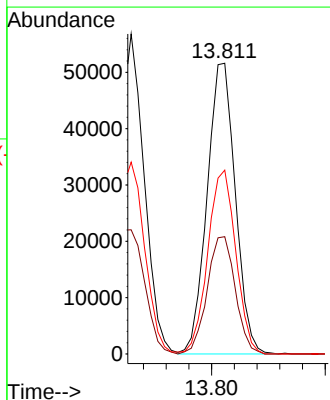
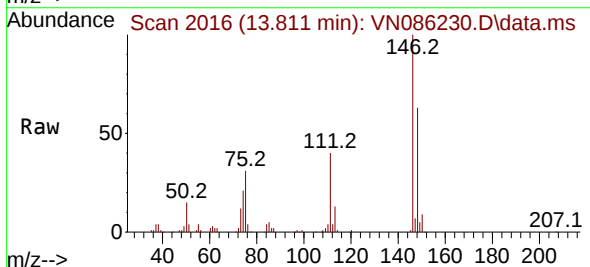
Manual Integrations
APPROVED

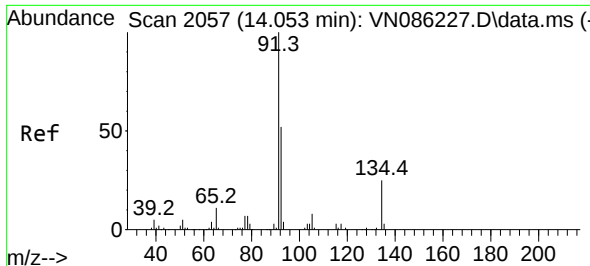
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#84
1,4-Dichlorobenzene
Concen: 18.632 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Tgt Ion:146 Resp: 89257
Ion Ratio Lower Upper
146 100
111 40.1 20.4 61.3
148 62.6 31.6 94.8





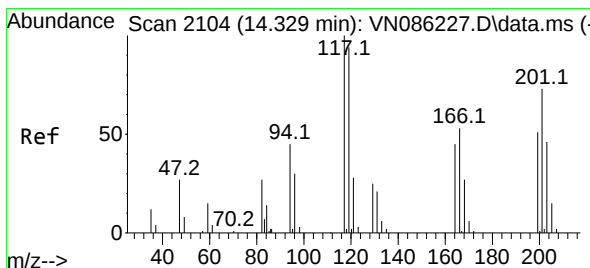
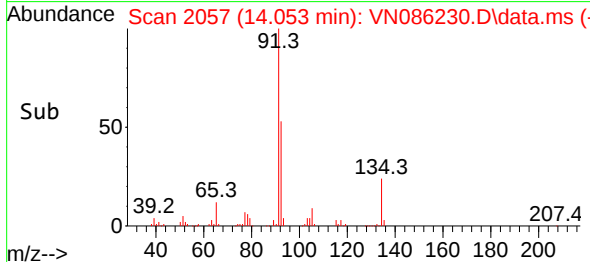
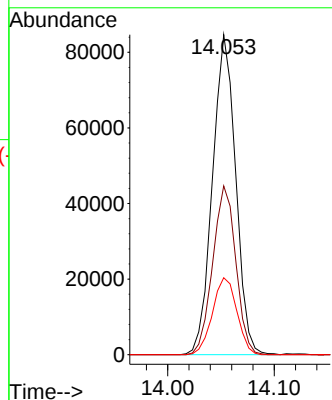
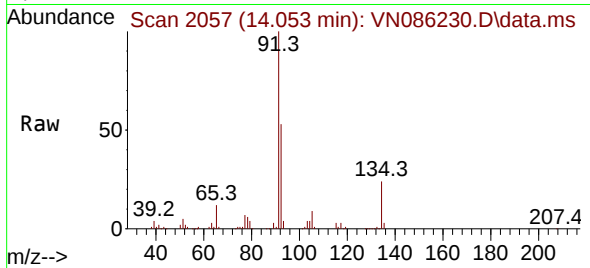
#85
n-Butylbenzene
Concen: 17.616 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425

Tgt Ion: 91 Resp: 12785
Ion Ratio Lower Upper
91 100
92 52.4 0.0 106.2
134 25.3 0.0 49.8

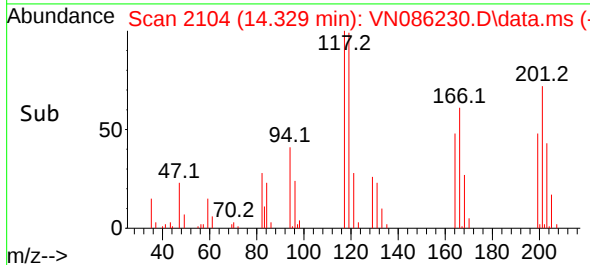
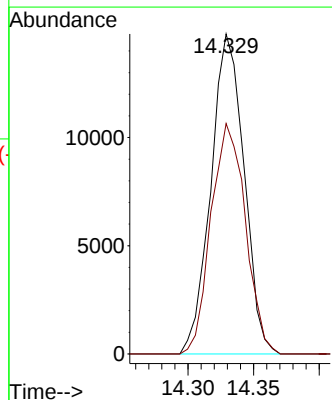
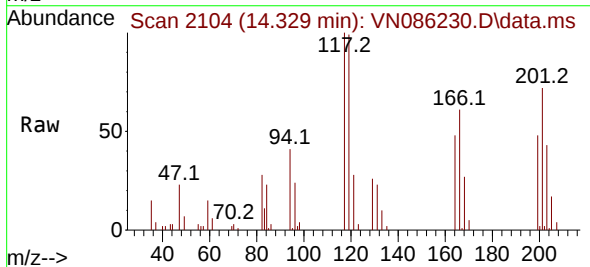
Manual Integrations
APPROVED

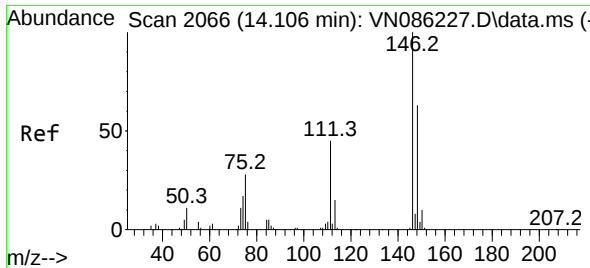
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#86
Hexachloroethane
Concen: 18.121 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

Tgt Ion:117 Resp: 26005
Ion Ratio Lower Upper
117 100
201 74.8 36.4 109.2





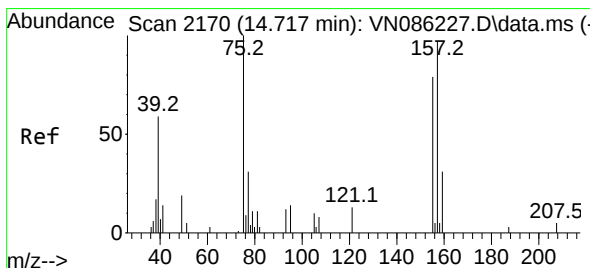
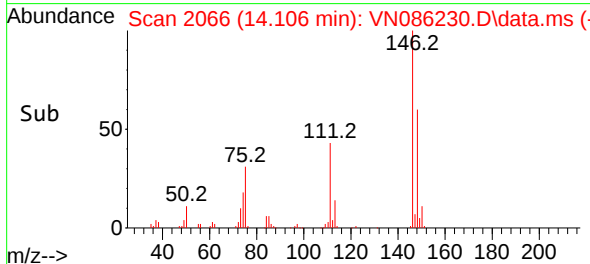
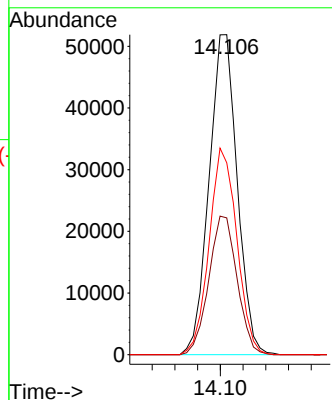
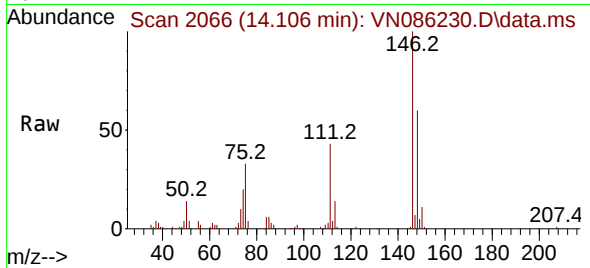
#87
 1,2-Dichlorobenzene
 Concen: 18.816 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN086230.D
 Acq: 04 Apr 2025 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN040425

Tgt Ion:146 Resp: 8936
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.4 67.2
 148 63.6 31.8 95.3

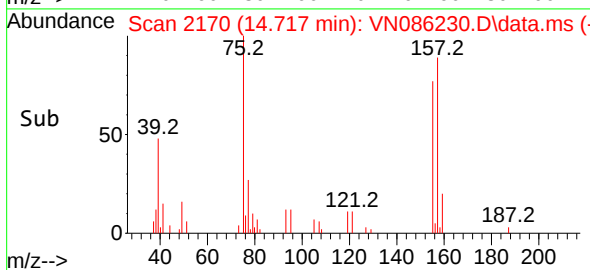
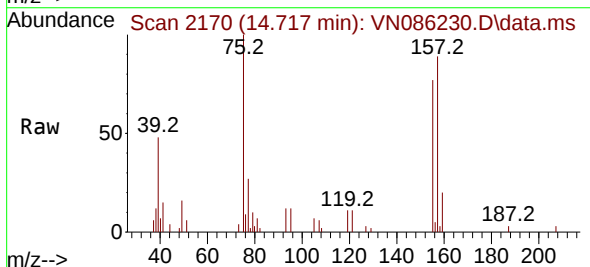
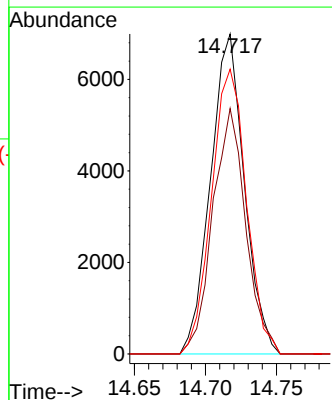
Manual Integrations
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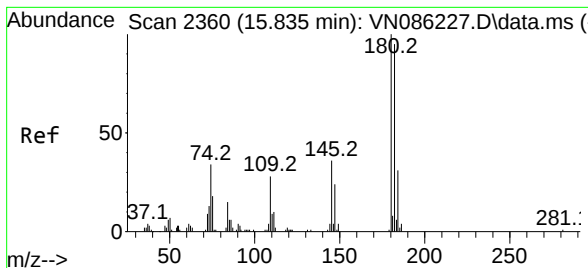
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.118 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN086230.D
 Acq: 04 Apr 2025 13:47

Tgt Ion: 75 Resp: 11569
 Ion Ratio Lower Upper
 75 100
 155 75.1 63.3 94.9
 157 92.0 81.3 121.9





#89

1,2,4-Trichlorobenzene

Concen: 17.199 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN040425

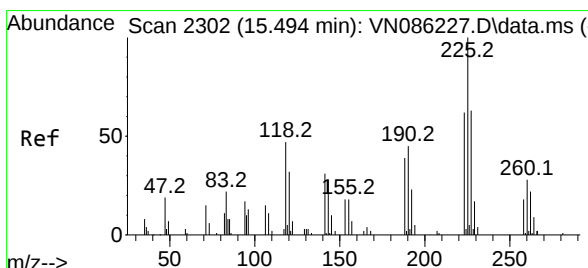
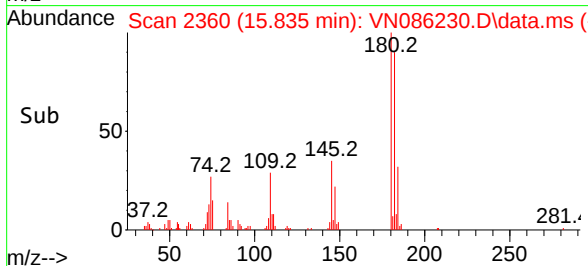
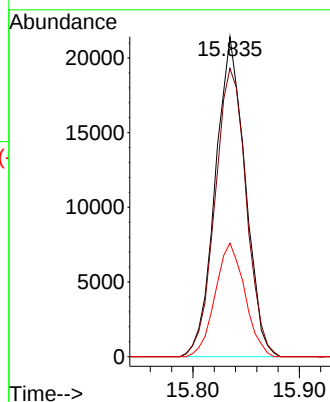
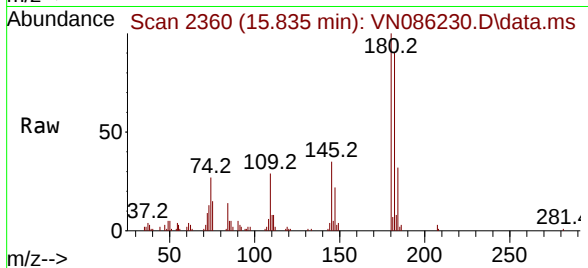
Tgt Ion:180	Resp:	4159
Ion Ratio	Lower	Upper
180	100	
182	94.4	78.6 117.8
145	35.3	27.8 41.6

Manual Integrations

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Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#90

Hexachlorobutadiene

Concen: 16.597 ug/l

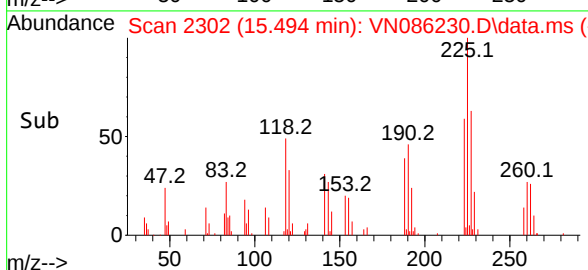
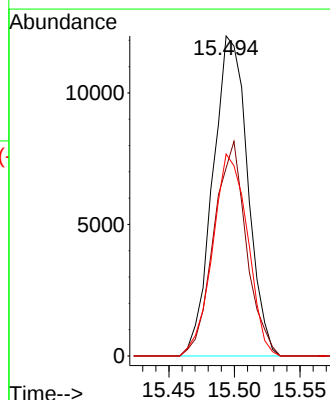
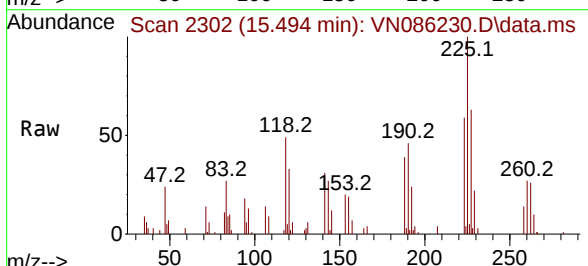
RT: 15.494 min Scan# 2302

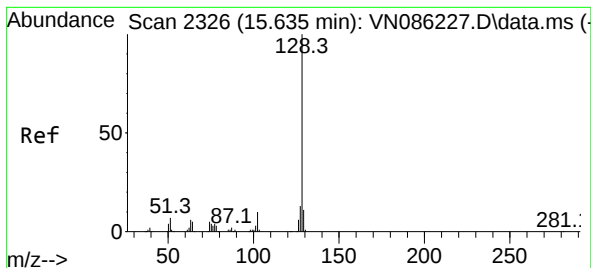
Delta R.T. -0.000 min

Lab File: VN086230.D

Acq: 04 Apr 2025 13:47

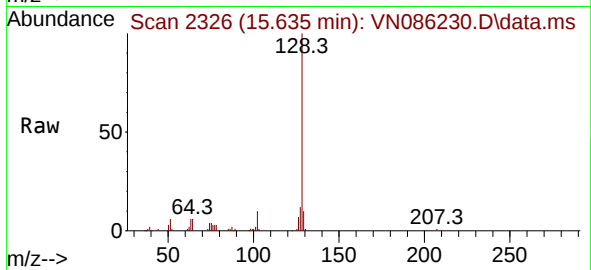
Tgt Ion:225	Resp:	22466
Ion Ratio	Lower	Upper
225	100	
223	62.9	0.0 126.2
227	63.2	0.0 124.6





#91
Naphthalene
Concen: 16.866 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47

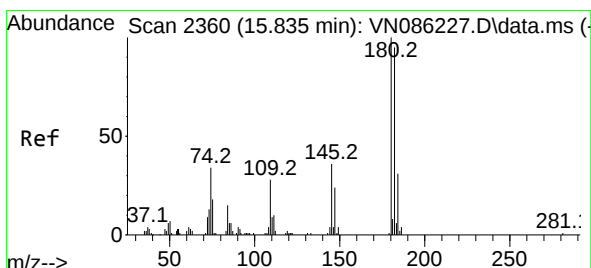
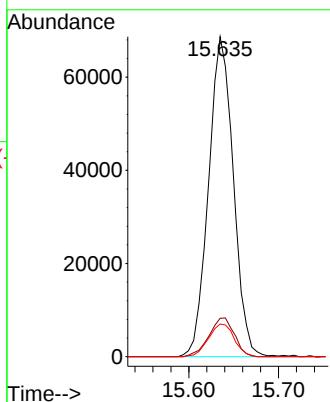
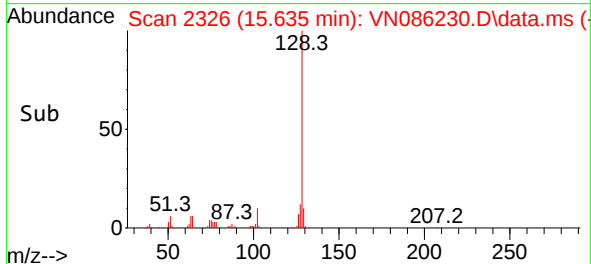
Instrument :
MSVOA_N
ClientSampleId :
ICVVN040425



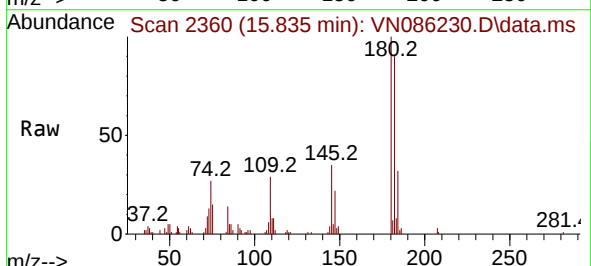
Tgt Ion:128 Resp: 131834
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.6 8.5 12.7

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 17.199 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086230.D
Acq: 04 Apr 2025 13:47



Tgt Ion:180 Resp: 41591
Ion Ratio Lower Upper
180 100
182 94.4 0.0 196.4
145 35.3 0.0 69.4

