

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040425\
 Data File : VN086224.D
 Acq On : 04 Apr 2025 11:14
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

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

Quant Time: Apr 04 23:42:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 04 23:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	22740	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	123486	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	125525	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	68376	29.960	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.867%		
60) 4-Bromofluorobenzene	12.847	95	78143	33.412	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	111.367%		
63) Toluene-d8	10.565	98	202352	28.897	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.333%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	326920	212.151	ug/l	95
3) Chloromethane	2.359	50	304627	181.990	ug/l	96
4) Vinyl Chloride	2.512	62	305831	196.182	ug/l	100
5) Bromomethane	2.954	94	140626	173.939	ug/l	95
6) Chloroethane	3.118	64	180788	194.332	ug/l	93
7) Trichlorofluoromethane	3.501	101	441663	211.652	ug/l	99
8) Diethyl Ether	3.959	74	152665	219.504	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	241488	208.063	ug/l	99
10) 1,1-Dichloroethene	4.342	96	241252	212.957	ug/l	97
11) Methyl Iodide	4.589	142	298527	205.441	ug/l	98
12) Methyl Acetate	5.012	43	259205	173.160	ug/l	95
13) Acrolein	4.177	56	167818	1026.359	ug/l	99
14) Acrylonitrile	5.718	53	598052	1024.893	ug/l	99
15) Acetone	4.424	58	152668	838.654	ug/l	90
16) Carbon Disulfide	4.712	76	671956	185.160	ug/l	97
17) Allyl chloride	5.024	41	338017	214.507	ug/l	97
18) Methylene Chloride	5.277	84	264762	194.919	ug/l	93
19) trans-1,2-Dichloroethene	5.783	96	256445	209.611	ug/l	92
20) Diisopropyl ether	6.665	45	735639	222.383	ug/l	98
21) 1,1-Dichloroethane	6.565	63	466136	206.743	ug/l	99
22) cis-1,2-Dichloroethene	7.483	96	306086	210.943	ug/l	97
23) tert-Butyl Alcohol	5.506	59	200808	942.407	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	833355	225.199	ug/l #	84
25) Chloroform	7.965	83	496396	209.805	ug/l	98
26) Cyclohexane	8.259	56	408988	225.355	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	361897	233.543	ug/l	97
30) 2-Butanone	7.477	43	723908	1062.669	ug/l	98
31) 2,2-Dichloropropane	7.489	77	435532	228.112	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	461979	220.462	ug/l	100
33) Carbon Tetrachloride	8.359	117	410048	229.436	ug/l	95
34) Benzene	8.606	78	1113720	216.458	ug/l	99
35) Methacrylonitrile	7.777	41	161329	212.110	ug/l	95
36) 1,2-Dichloroethane	8.665	62	369559	216.262	ug/l	98
37) Trichloroethene	9.347	130	290902	236.076	ug/l	96
38) Methylcyclohexane	9.600	83	415518	255.561	ug/l	97
39) 1,2-Dichloropropane	9.618	63	262330	220.033	ug/l	99
40) Dibromomethane	9.706	93	187295	212.892	ug/l	97
41) Bromodichloromethane	9.888	83	390721	221.115	ug/l	99
42) Vinyl Acetate	6.600	43	2627585	1082.383	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	289603	206.765	ug/l	# 84
44) Isopropyl Acetate	8.683	43	510228	201.815	ug/l	100
45) 1,4-Dioxane	9.694	88	96348	4157.202	ug/l	94
46) Methyl methacrylate	9.677	41	241515	233.232	ug/l	95
47) n-amyl Acetate	12.488	43	486900	281.870	ug/l	96
48) t-1,3-Dichloropropene	10.835	75	438915	241.041	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	449541	228.494	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	260305	226.313	ug/l	97
51) Ethyl methacrylate	10.871	69	430580	263.692	ug/l	99
52) 1,3-Dichloropropane	11.159	76	459163	229.135	ug/l	100
53) Dibromochloromethane	11.359	129	318848	238.090	ug/l	100
54) 1,2-Dibromoethane	11.465	107	267617	226.770	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	287917	384.534	ug/l	100
56) Bromoform	12.576	173	224760	248.082	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	1601075	1080.774	ug/l	100
59) 2-Hexanone	11.194	43	1202827	1131.174	ug/l	98
61) Tetrachloroethene	11.100	164	332696	227.098	ug/l	94
62) Toluene	10.630	91	1230762	214.783	ug/l	99
64) Chlorobenzene	11.888	112	778226	217.667	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	284404	216.167	ug/l	99
66) Ethyl Benzene	11.959	91	1469330	247.106	ug/l	100
67) m/p-Xylenes	12.071	106	1148472	489.259	ug/l	98
68) o-Xylene	12.394	106	553903	244.455	ug/l	98
69) Styrene	12.406	104	941455	260.558	ug/l	99
70) Isopropylbenzene	12.694	105	1384220	244.786	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	316345	192.866	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	325949m	205.822	ug/l	
73) Bromobenzene	12.976	156	336798	231.142	ug/l	97
74) n-propylbenzene	13.035	91	1676877	259.034	ug/l	99
75) 2-Chlorotoluene	13.123	91	1041882	241.676	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	1220609	256.022	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	157283	249.004	ug/l	99
78) 4-Chlorotoluene	13.218	91	1068638	249.957	ug/l	100
79) tert-butylbenzene	13.435	119	991243	252.310	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	1257733	262.921	ug/l	99
81) sec-Butylbenzene	13.612	105	1434125	266.527	ug/l	100
82) p-Isopropyltoluene	13.723	119	1254458	284.952	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	668817	252.702	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	654132	253.224	ug/l	99
85) n-Butylbenzene	14.053	91	1090747	306.856	ug/l	99
86) Hexachloroethane	14.329	117	202477	259.547	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	638833	246.436	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	86239	247.114	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	352047	279.149	ug/l	98
90) Hexachlorobutadiene	15.500	225	171707	248.374	ug/l	100
91) Naphthalene	15.635	128	1199060	293.362	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	352047	279.149	ug/l	98

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

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ALS Vial : 3 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

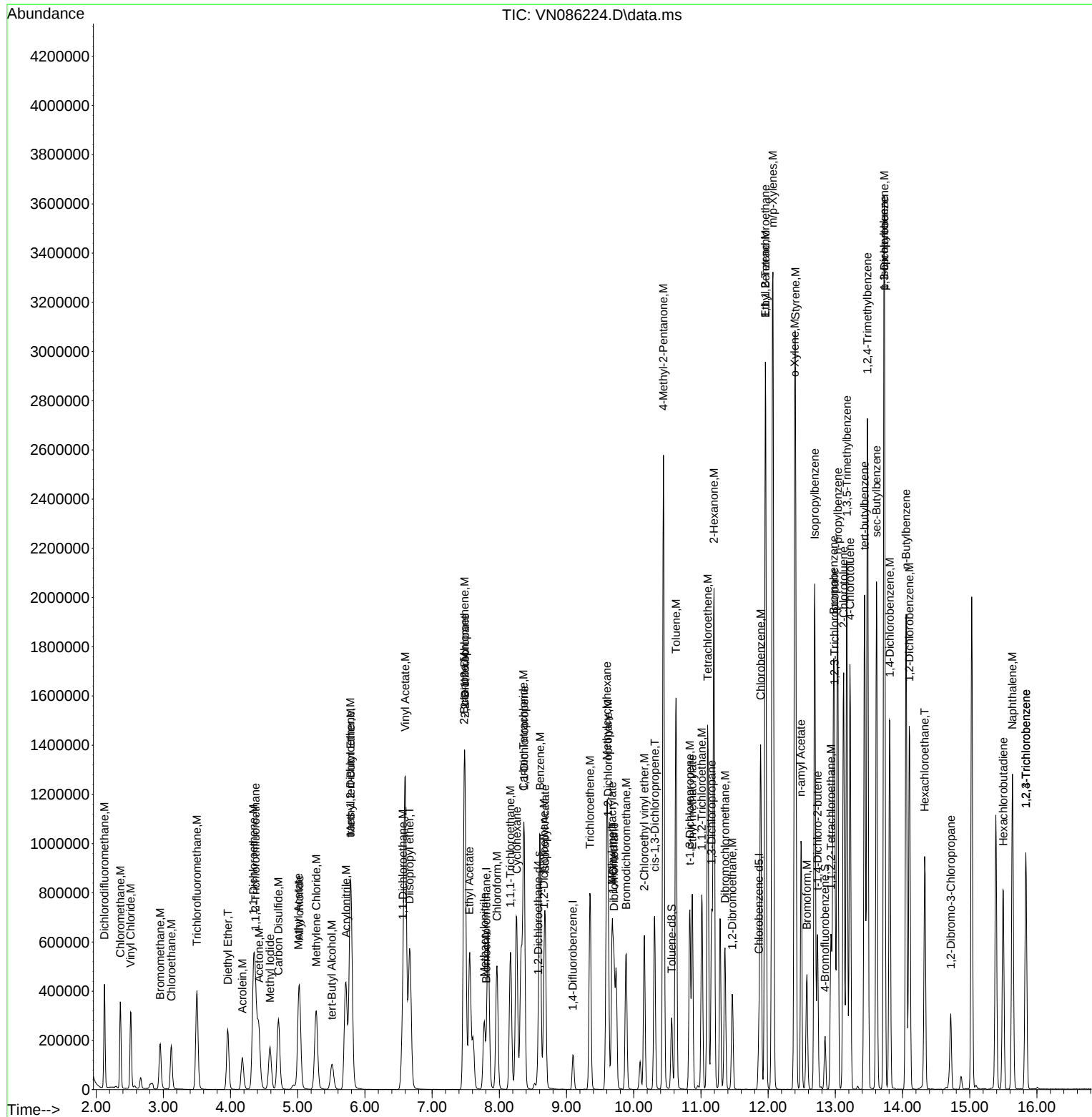
Manual Integrations

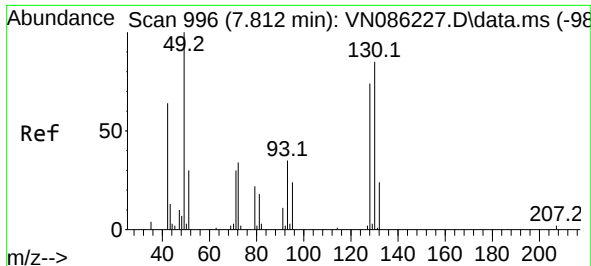
APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025

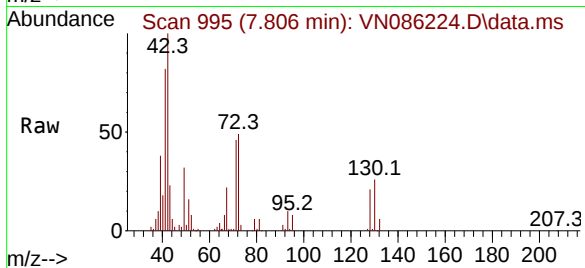
Quant Time: Apr 04 23:42:30 2025
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 04 23:41:25 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

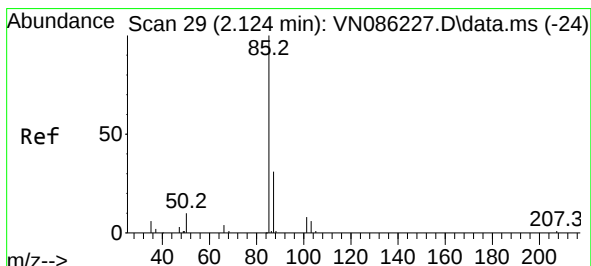
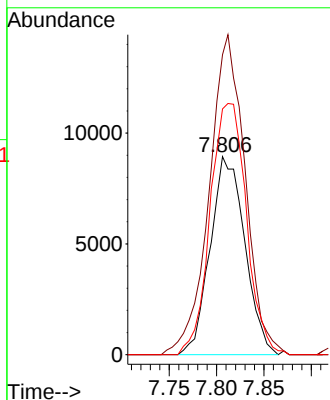
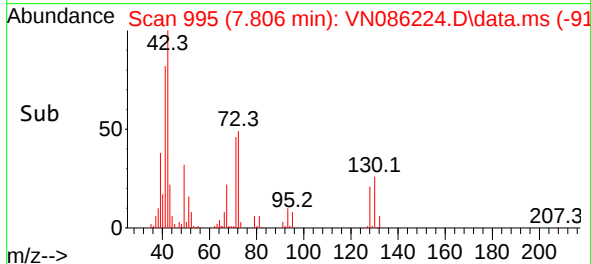
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 22740
Ion Ratio Lower Upper
128 100
49 167.3 0.0 384.5
130 132.8 0.0 324.3

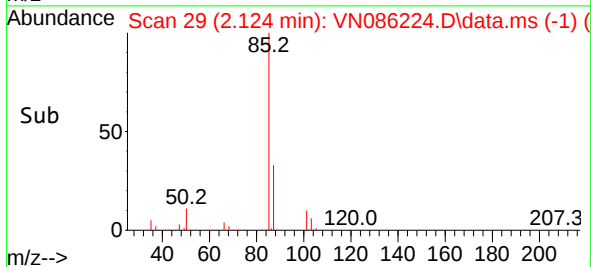
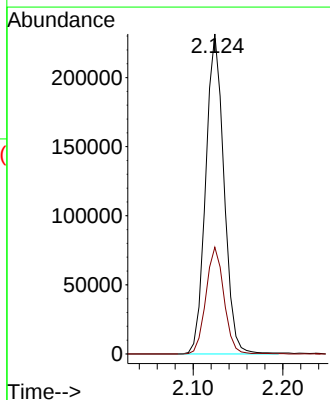
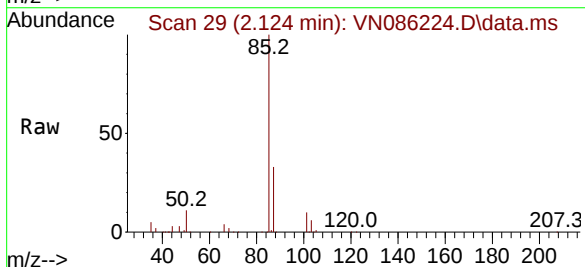
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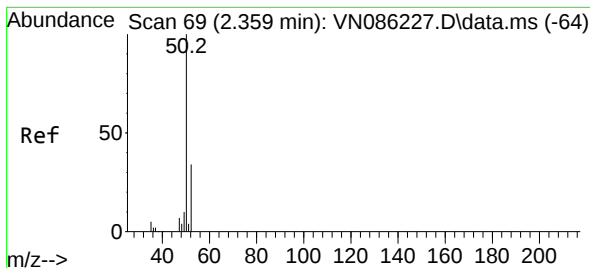
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#2
Dichlorodifluoromethane
Concen: 212.151 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

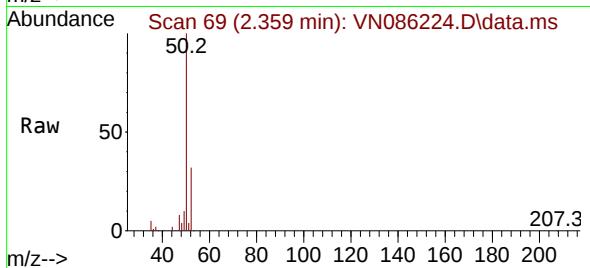
Tgt Ion: 85 Resp: 326920
Ion Ratio Lower Upper
85 100
87 33.4 15.4 46.2





#3
Chloromethane
Concen: 181.990 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

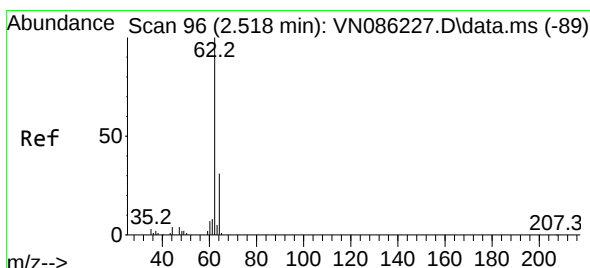
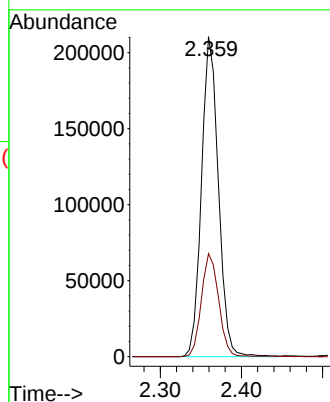
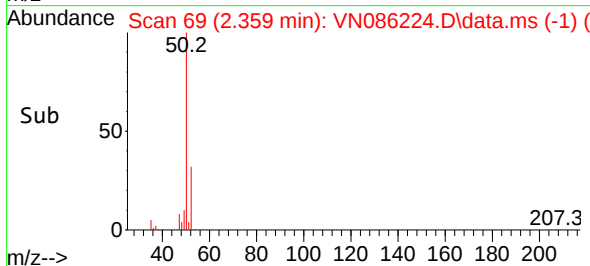
Instrument :
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Tgt Ion: 50 Resp: 30462
Ion Ratio Lower Upper
50 100
52 32.2 27.5 41.3

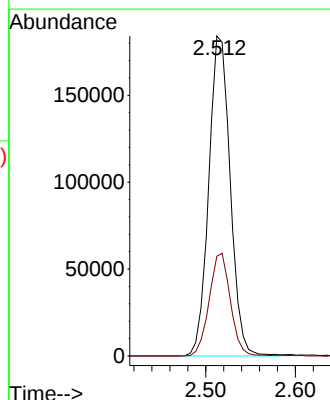
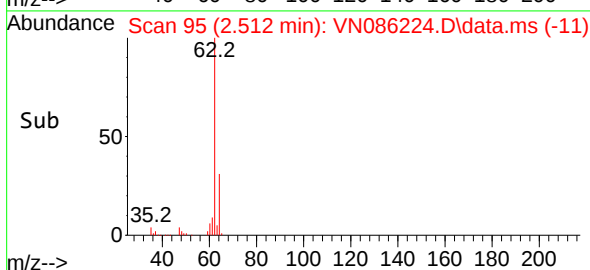
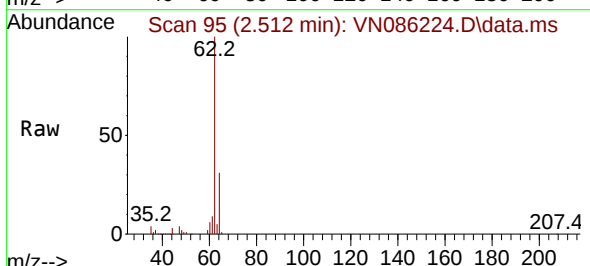
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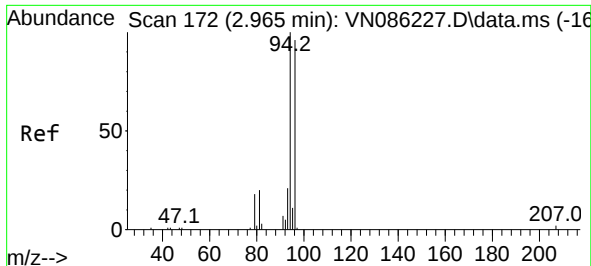
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#4
Vinyl Chloride
Concen: 196.182 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

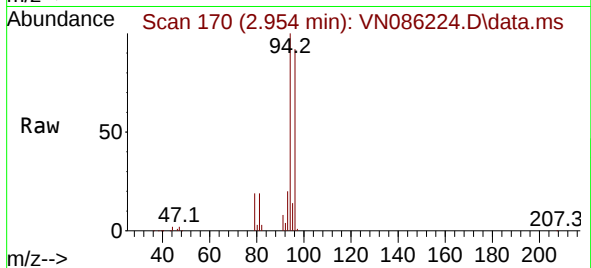
Tgt Ion: 62 Resp: 305831
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7





#5
Bromomethane
Concen: 173.939 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

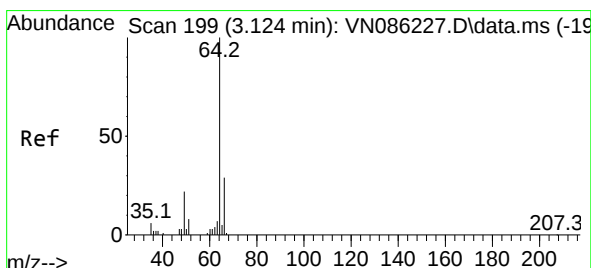
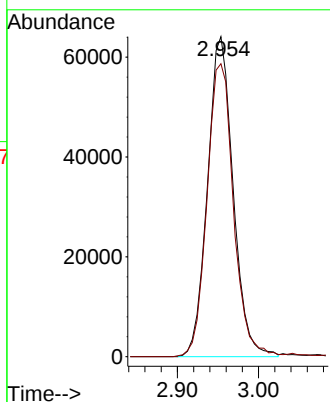
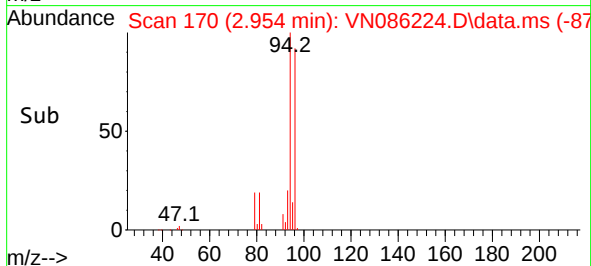
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 140620
Ion Ratio Lower Upper
94 100
96 91.3 77.0 115.4

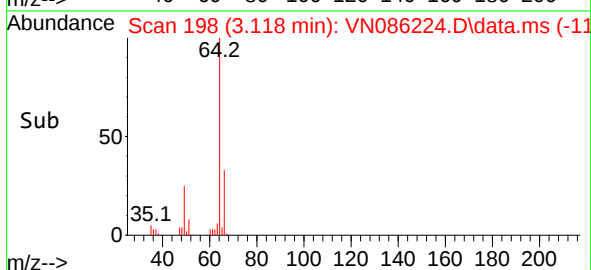
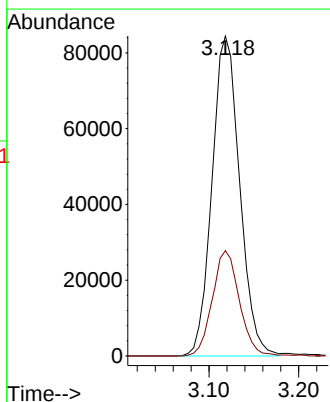
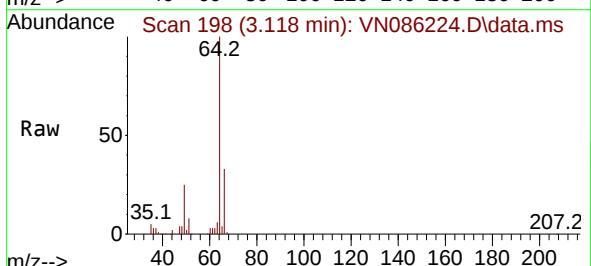
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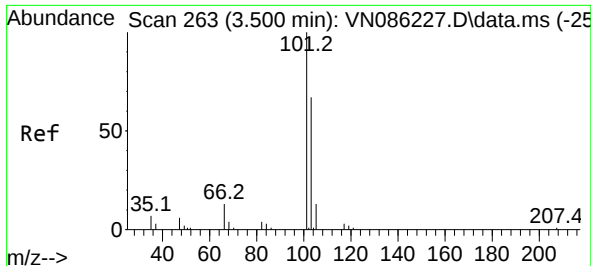
Reviewed By :John Carlone 04/07/2025
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#6
Chloroethane
Concen: 194.332 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 64 Resp: 180788
Ion Ratio Lower Upper
64 100
66 32.9 23.4 35.0





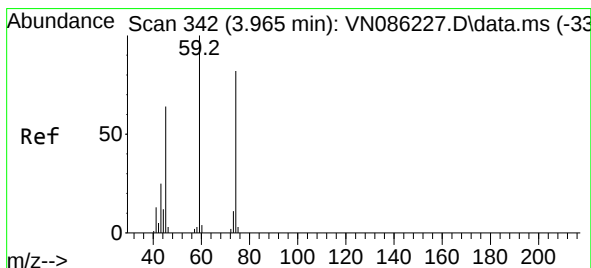
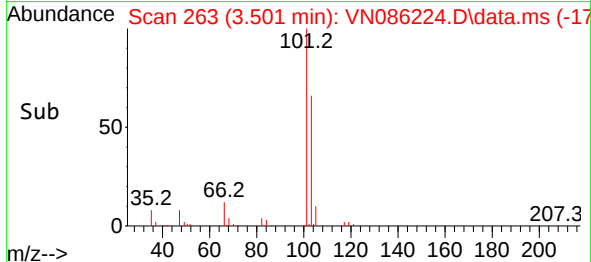
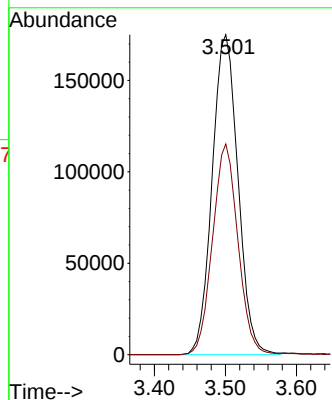
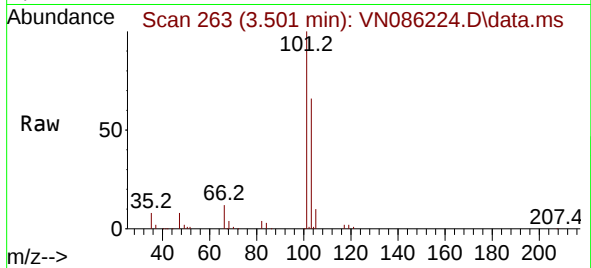
#7
Trichlorofluoromethane
Concen: 211.652 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 441665
Ion Ratio Lower Upper
101 100
103 65.9 53.4 80.2

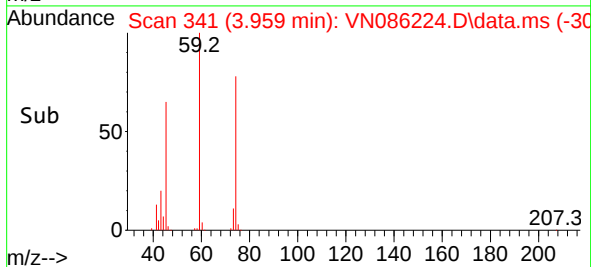
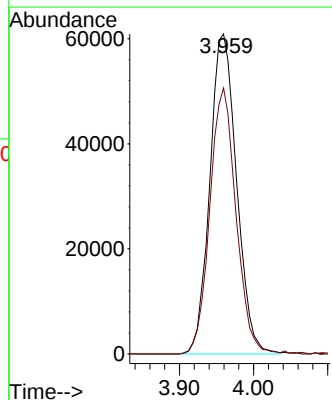
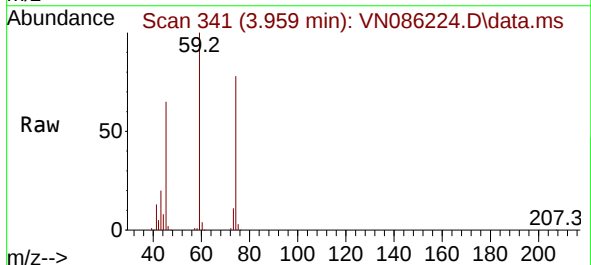
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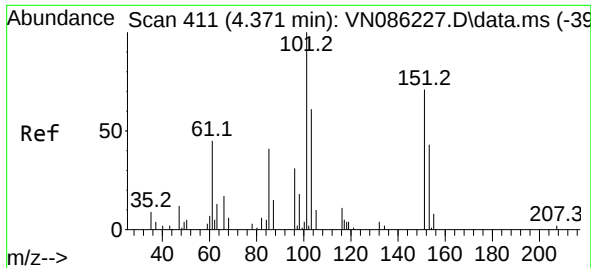
Reviewed By :John Carlone 04/07/2025
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#8
Diethyl Ether
Concen: 219.504 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

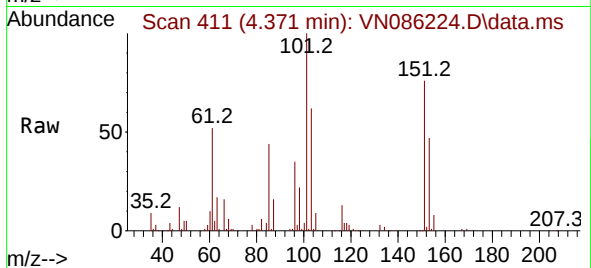
Tgt Ion: 74 Resp: 152665
Ion Ratio Lower Upper
74 100
45 81.1 16.5 148.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 208.063 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086224.D
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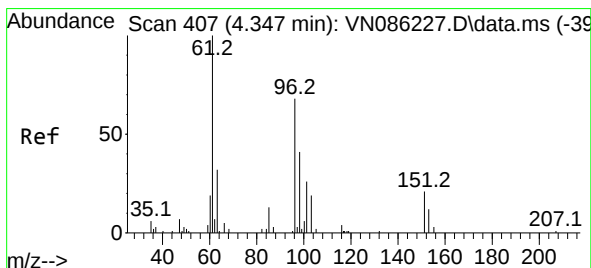
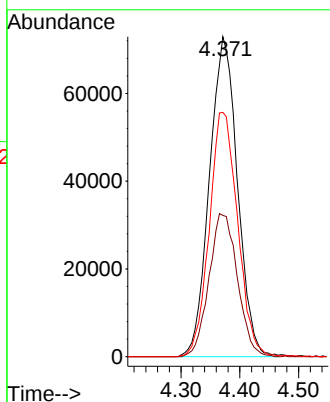
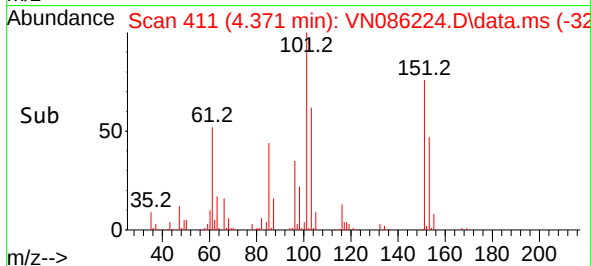
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



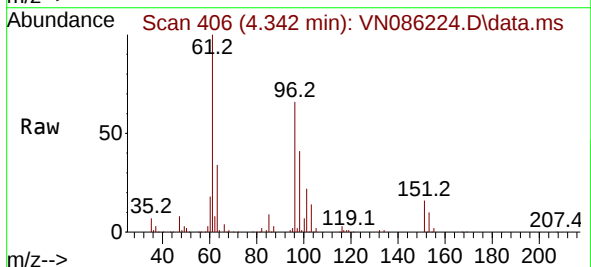
Tgt Ion: 101 Resp: 241488
Ion Ratio Lower Upper
101 100
85 45.3 0.0 89.2
151 77.2 0.0 152.2

Manual Integrations
APPROVED

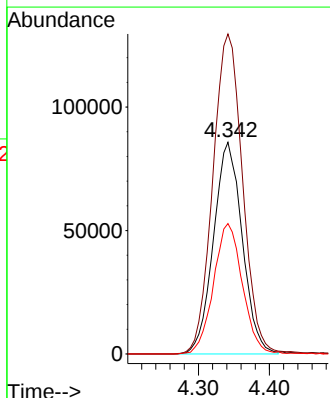
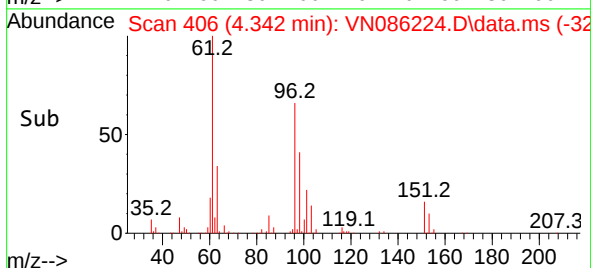
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

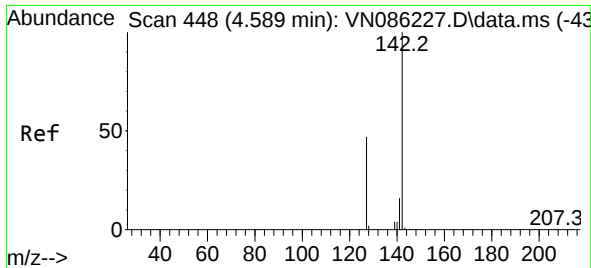


#10
1,1-Dichloroethene
Concen: 212.957 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14



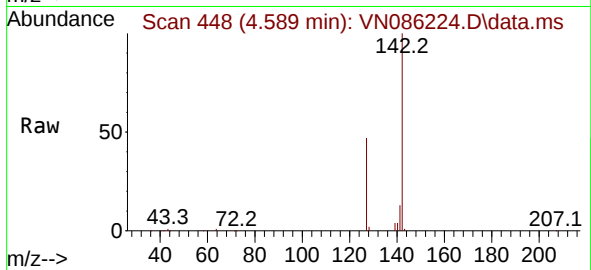
Tgt Ion: 96 Resp: 241252
Ion Ratio Lower Upper
96 100
61 150.9 117.0 175.6
98 61.6 47.8 71.8





#11
Methyl Iodide
Concen: 205.441 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

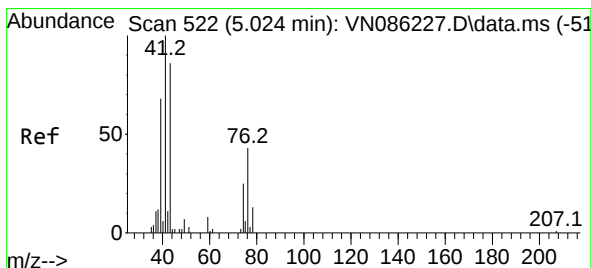
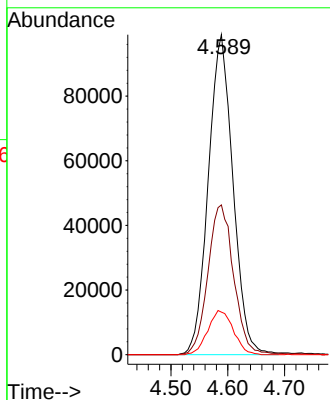
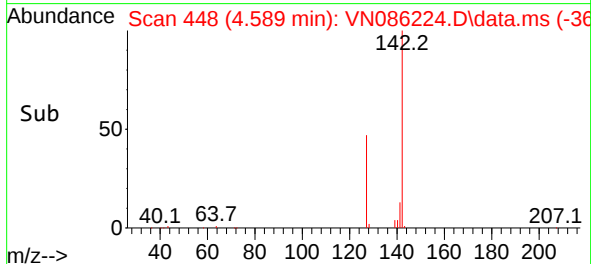
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:142 Resp: 29852
Ion Ratio Lower Upper
142 100
127 46.7 23.6 71.0
141 13.3 8.0 24.0

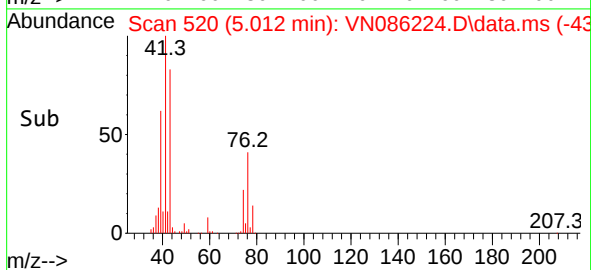
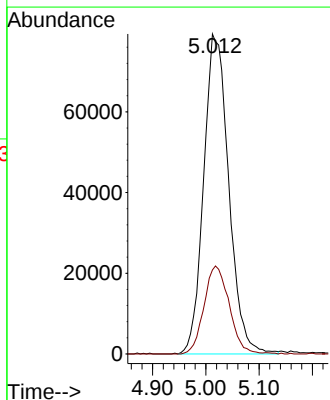
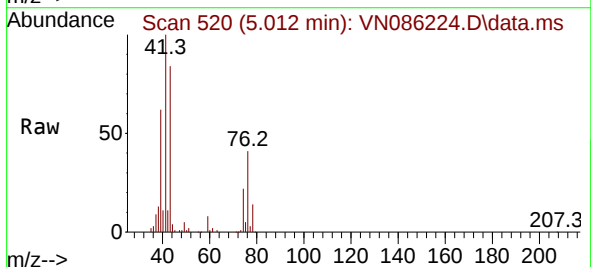
Manual Integrations
APPROVED

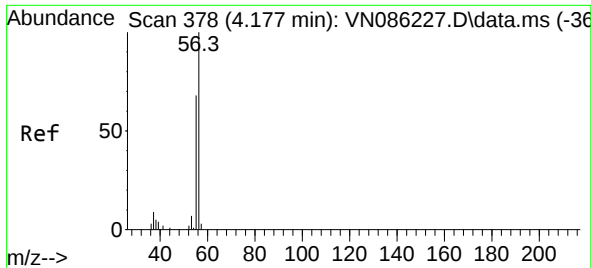
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#12
Methyl Acetate
Concen: 173.160 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

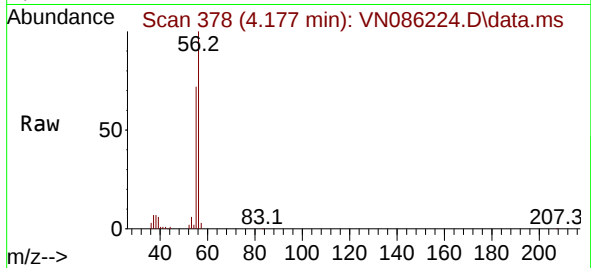
Tgt Ion: 43 Resp: 259205
Ion Ratio Lower Upper
43 100
74 26.4 23.2 34.8





#13
Acrolein
Concen: 1026.359 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

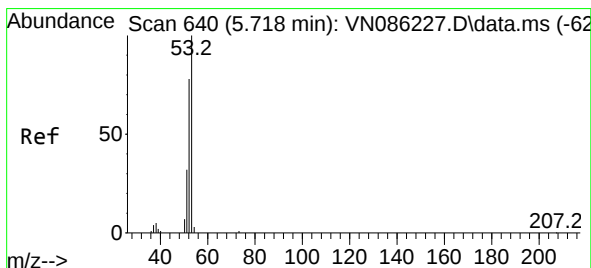
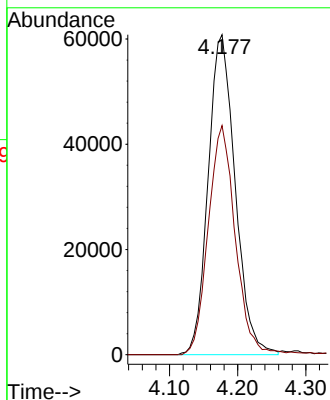
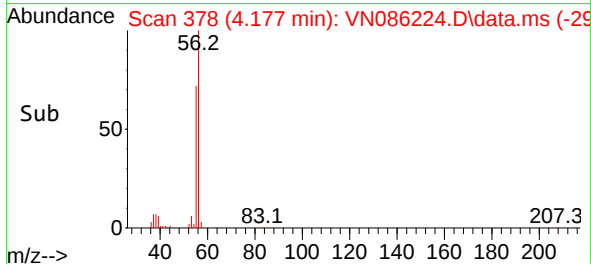
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 167818
Ion Ratio Lower Upper
56 100
55 71.5 56.8 85.2

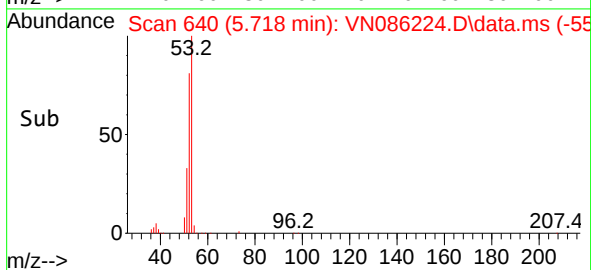
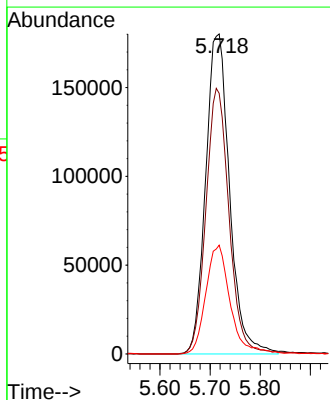
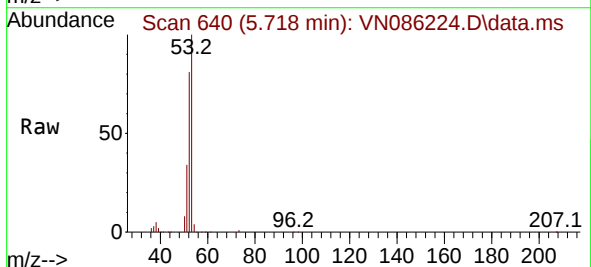
Manual Integrations
APPROVED

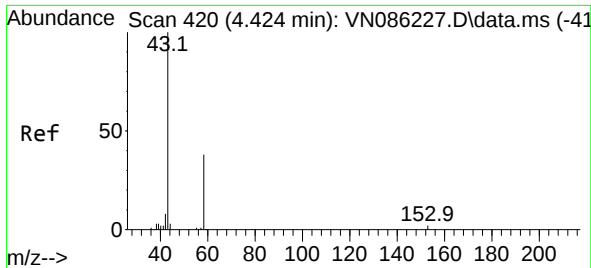
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#14
Acrylonitrile
Concen: 1024.893 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 53 Resp: 598052
Ion Ratio Lower Upper
53 100
52 79.9 40.6 121.8
51 33.3 16.9 50.7





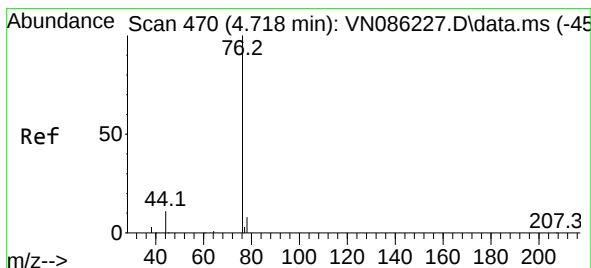
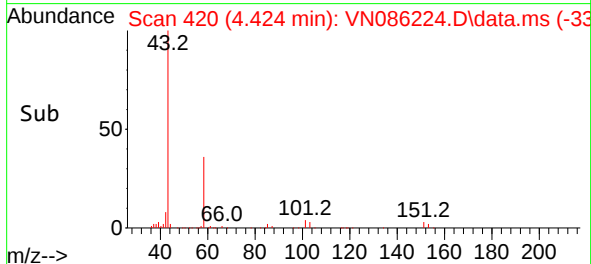
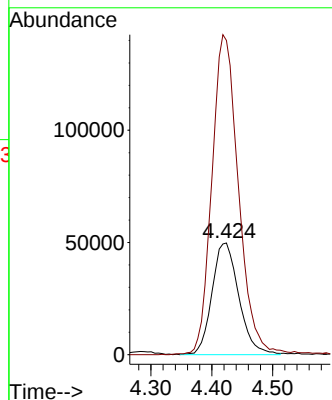
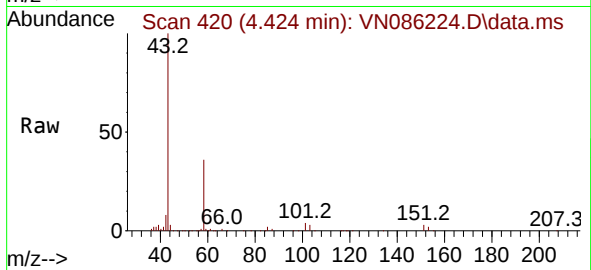
#15
Acetone
Concen: 838.654 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 58 Resp: 15266
Ion Ratio Lower Upper
58 100
43 280.4 209.6 314.4

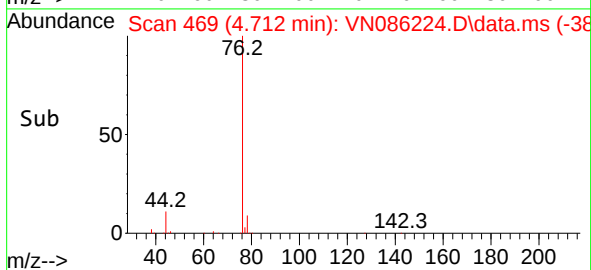
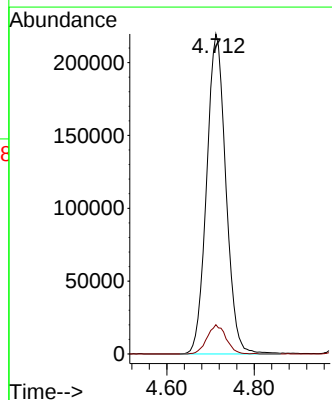
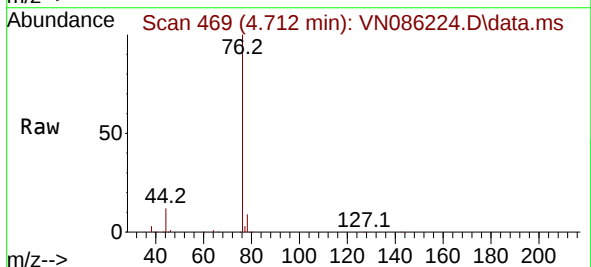
Manual Integrations
APPROVED

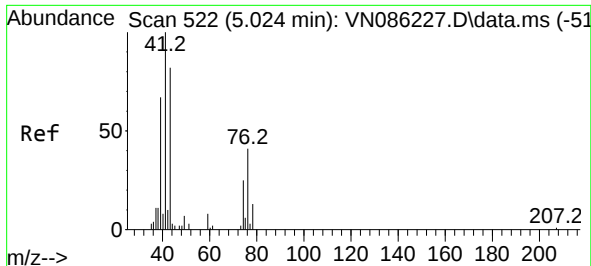
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#16
Carbon Disulfide
Concen: 185.160 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

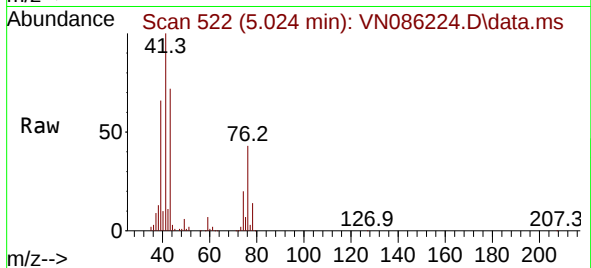
Tgt Ion: 76 Resp: 671956
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8





#17
Allyl chloride
Concen: 214.507 ug/l
RT: 5.024 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

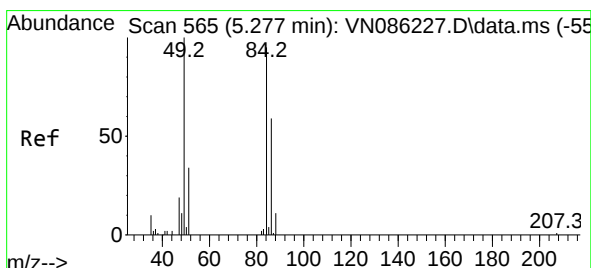
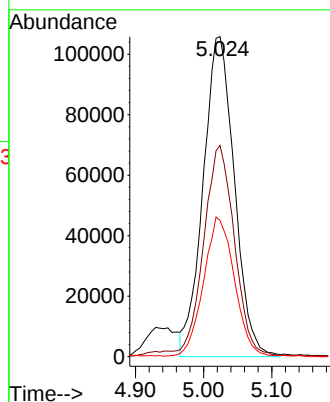
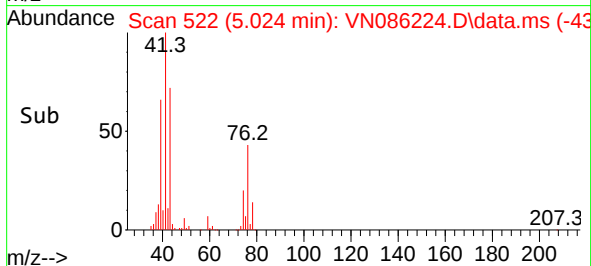
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 33801
Ion Ratio Lower Upper
41 100
39 66.0 32.1 96.5
76 42.4 19.6 58.7

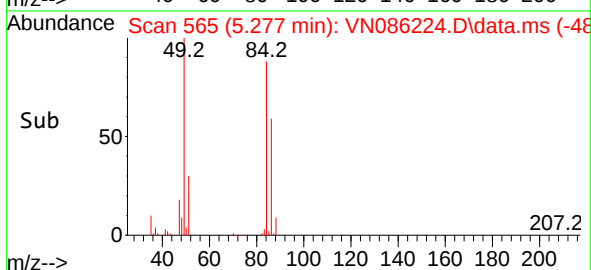
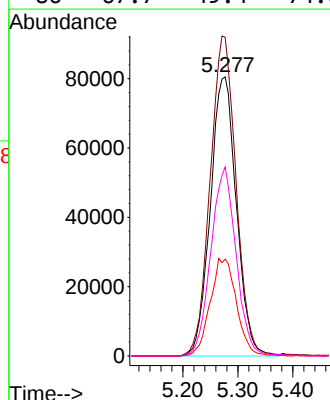
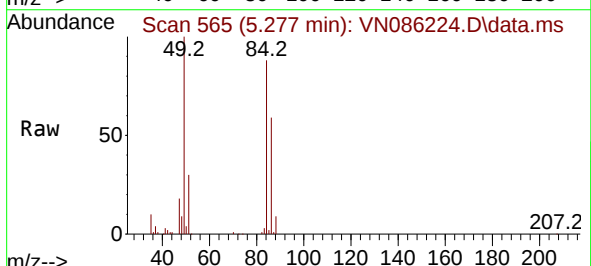
Manual Integrations
APPROVED

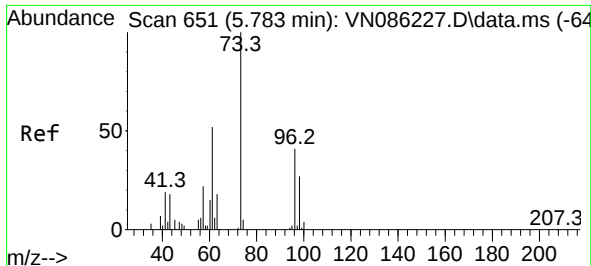
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#18
Methylene Chloride
Concen: 194.919 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 84 Resp: 264762
Ion Ratio Lower Upper
84 100
49 114.2 84.1 126.1
51 34.7 28.9 43.3
86 67.7 49.4 74.0





#19

trans-1,2-Dichloroethene

Concen: 209.611 ug/l

RT: 5.783 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 96 Resp: 25644

Ion Ratio Lower Upper

96 100

61 138.9 101.9 152.9

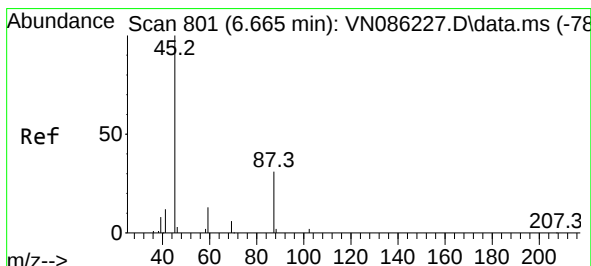
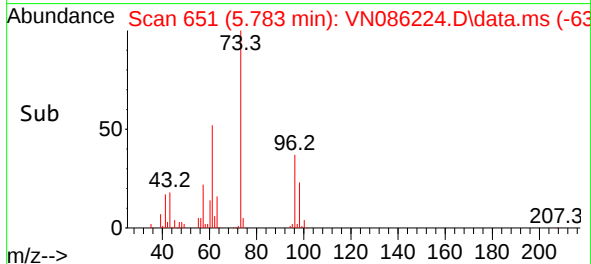
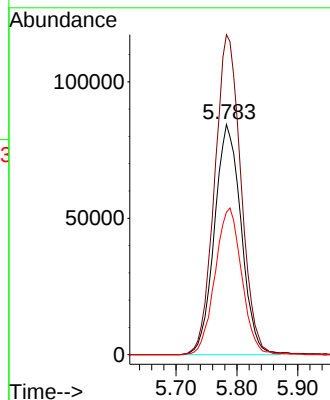
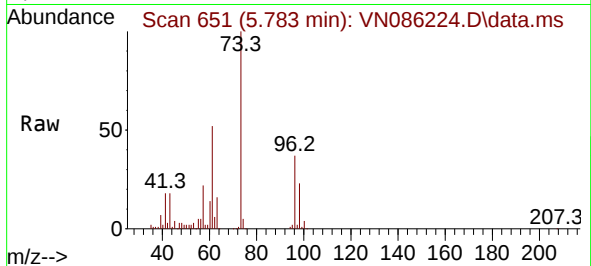
98 61.9 52.3 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#20

Diisopropyl ether

Concen: 222.383 ug/l

RT: 6.665 min Scan# 801

Delta R.T. 0.000 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Tgt Ion: 45 Resp: 735639

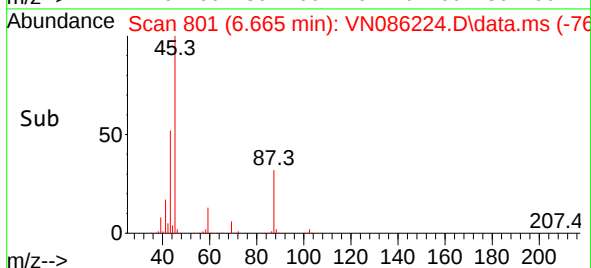
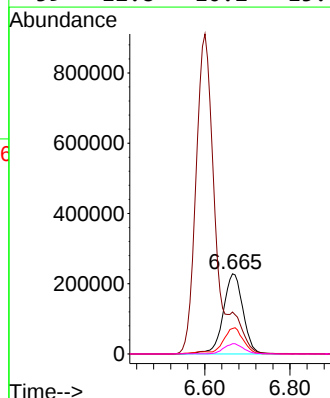
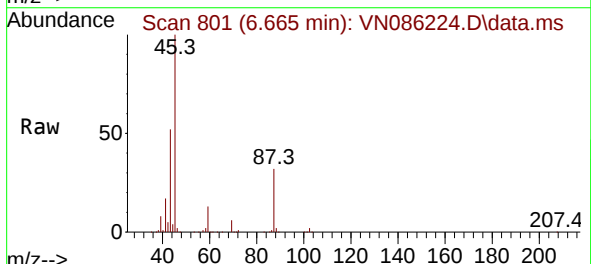
Ion Ratio Lower Upper

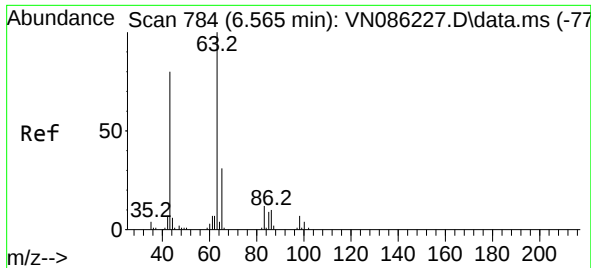
45 100

43 51.6 40.3 60.5

87 31.6 26.5 39.7

59 12.8 10.2 15.4





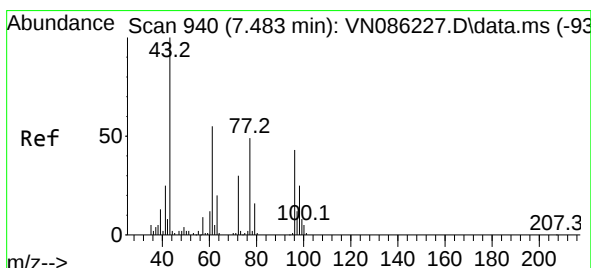
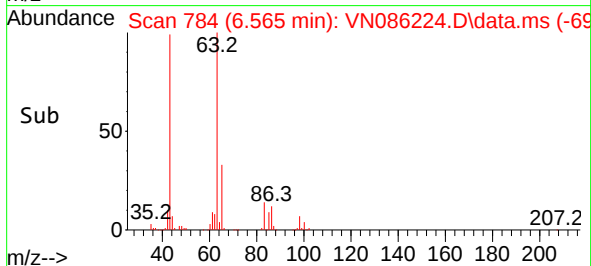
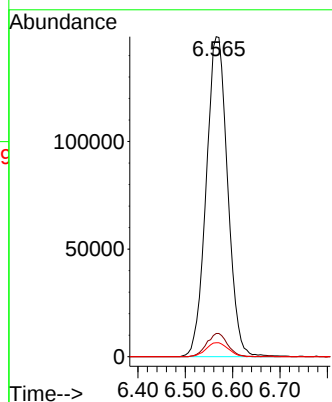
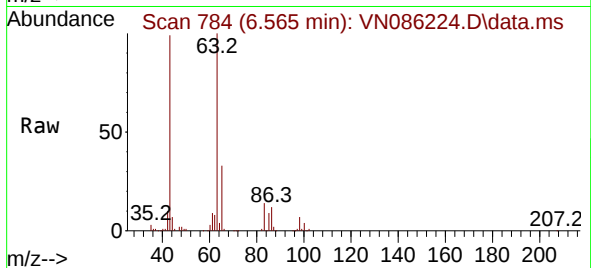
#21
1,1-Dichloroethane
Concen: 206.743 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 466130
Ion Ratio Lower Upper
63 100
98 7.3 3.3 9.9
100 4.3 2.1 6.2

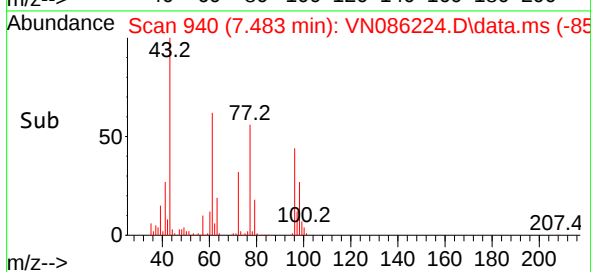
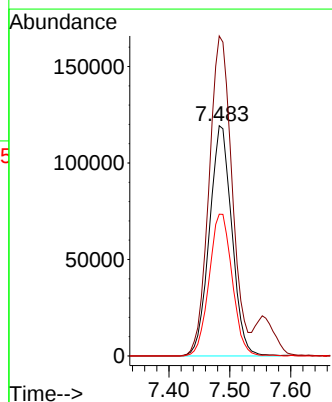
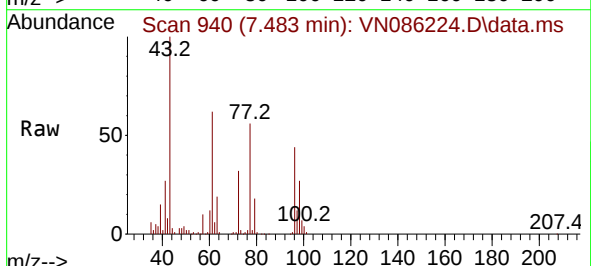
Manual Integrations
APPROVED

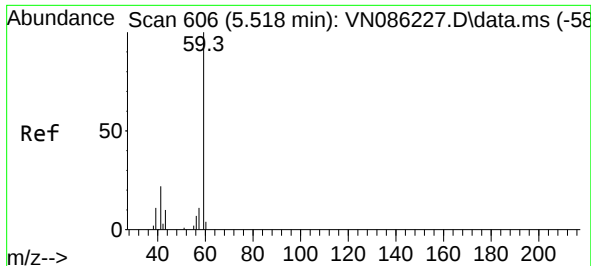
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#22
cis-1,2-Dichloroethene
Concen: 210.943 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

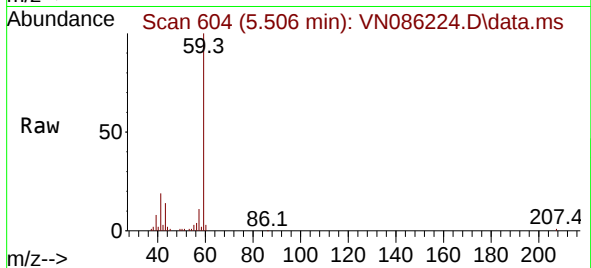
Tgt Ion: 96 Resp: 306086
Ion Ratio Lower Upper
96 100
61 141.6 109.7 164.5
98 63.0 49.7 74.5





#23
tert-Butyl Alcohol
Concen: 942.407 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

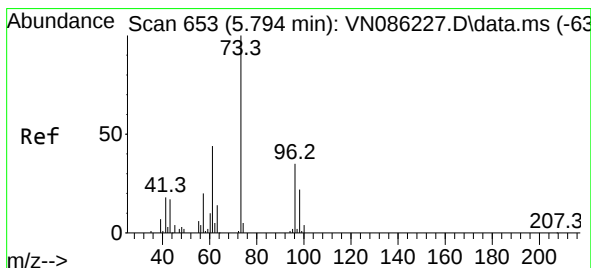
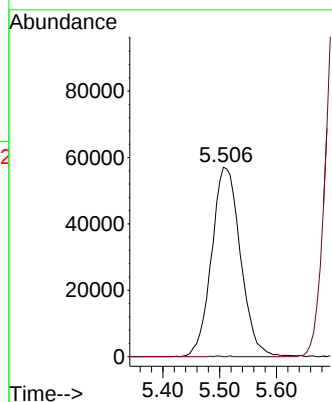
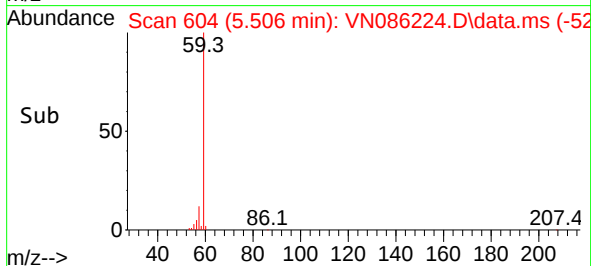
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



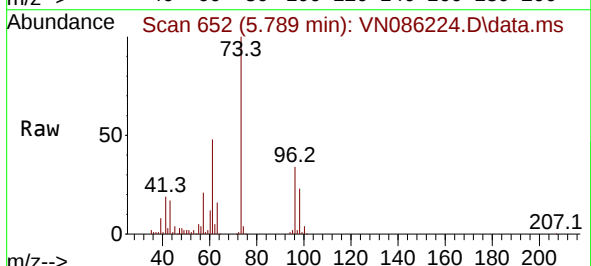
Tgt Ion: 59 Resp: 200808
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

Manual Integrations
APPROVED

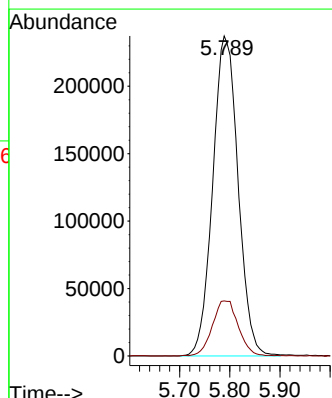
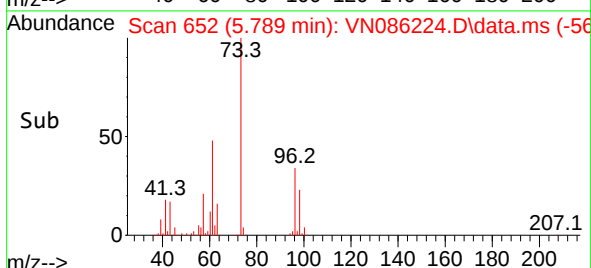
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

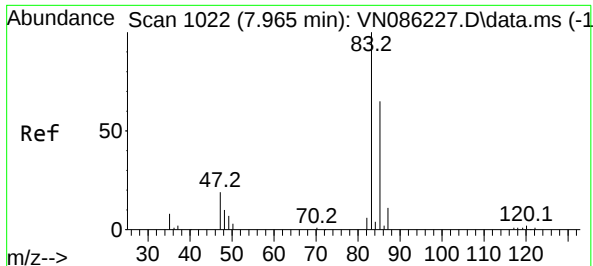


#24
Methyl tert-Butyl Ether
Concen: 225.199 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14



Tgt Ion: 73 Resp: 833355
Ion Ratio Lower Upper
73 100
43 10.4 13.9 20.9





#25

Chloroform

Concen: 209.805 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 496390

Ion Ratio Lower Upper

83 100

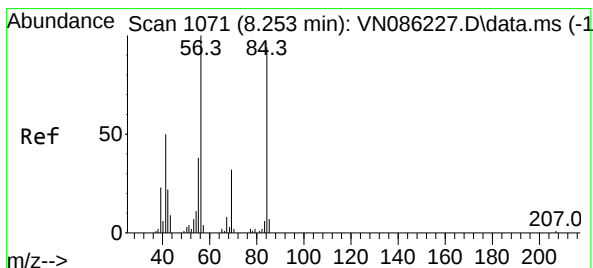
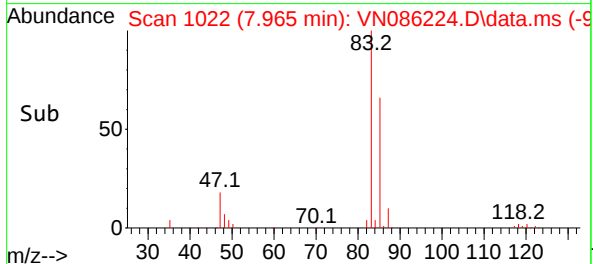
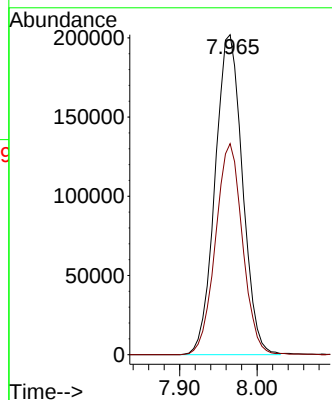
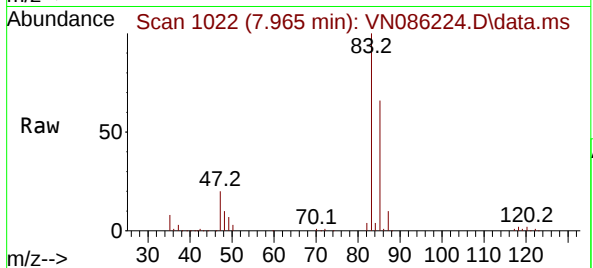
85 65.9 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#26

Cyclohexane

Concen: 225.355 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

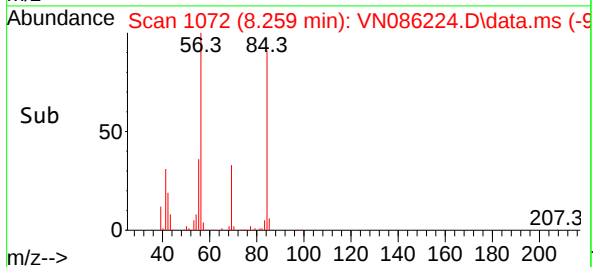
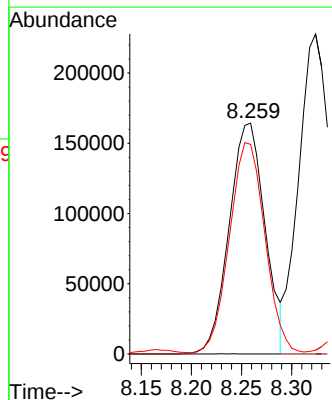
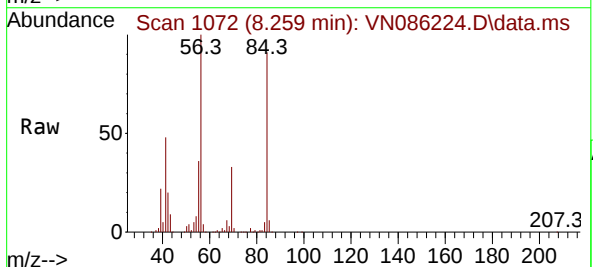
Tgt Ion: 56 Resp: 408988

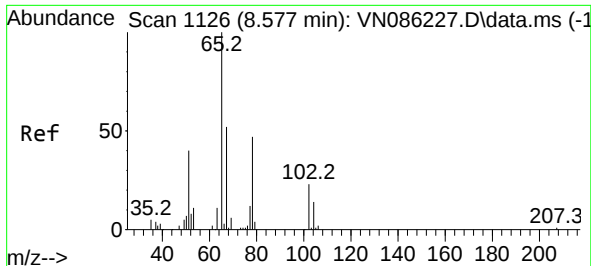
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 91.2 74.3 111.5





#27

1,2-Dichloroethane-d4

Concen: 29.960 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 68370

Ion Ratio Lower Upper

65 100

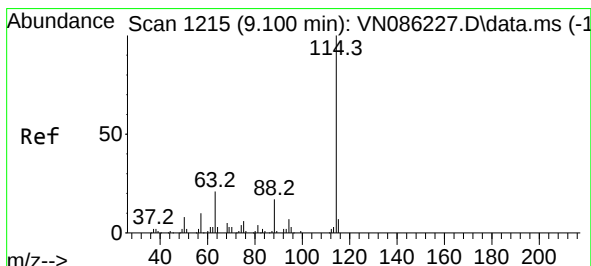
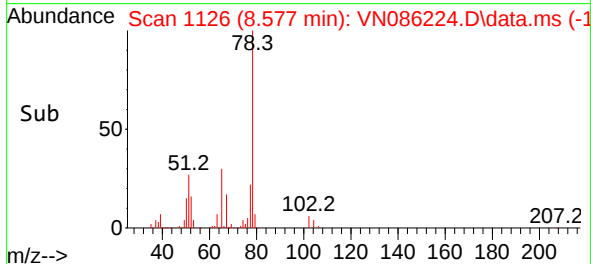
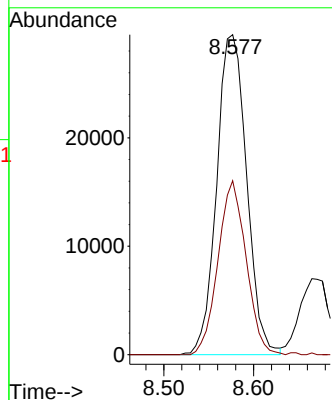
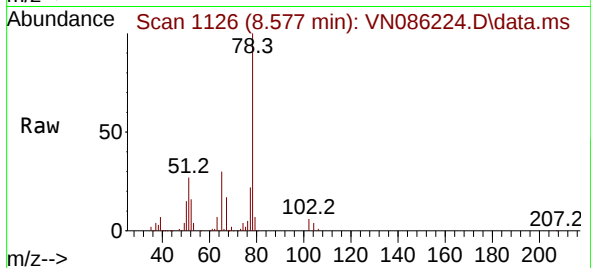
67 50.9 42.1 63.1

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: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

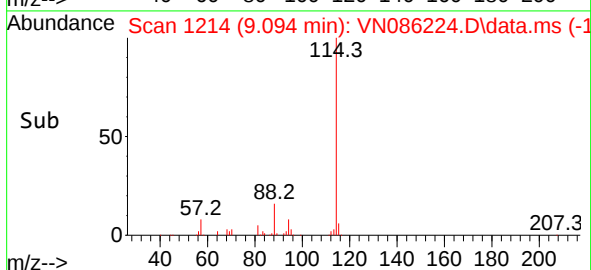
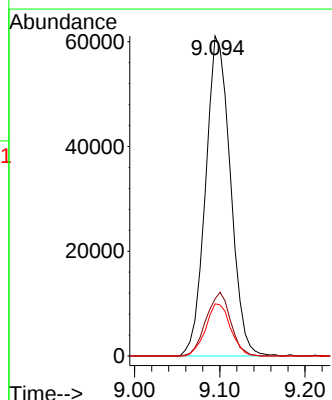
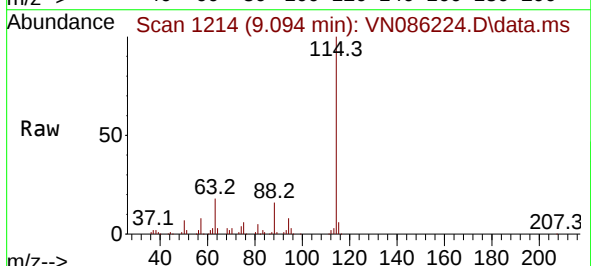
Tgt Ion:114 Resp: 123486

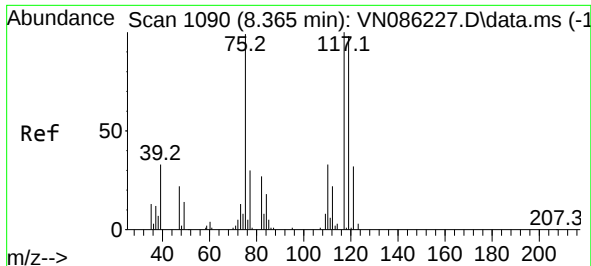
Ion Ratio Lower Upper

114 100

63 19.7 16.4 24.6

88 16.3 13.4 20.2





#29

1,1-Dichloropropene

Concen: 233.543 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

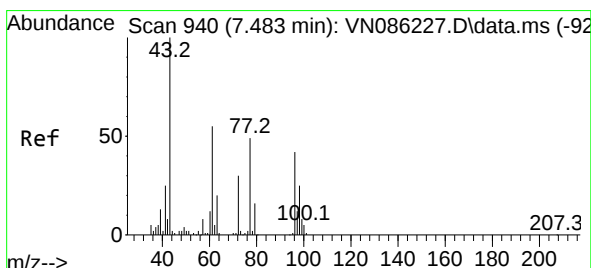
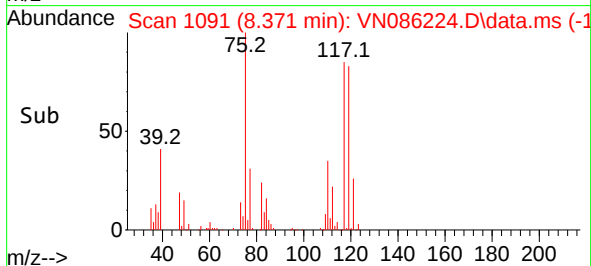
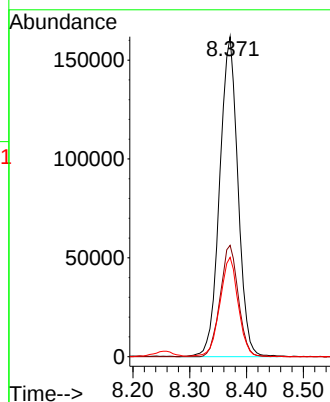
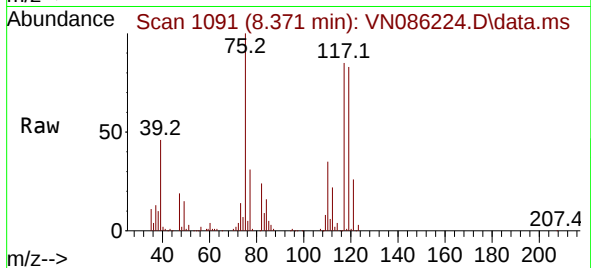
Tgt Ion:	75	Resp:	36189
Ion	Ratio	Lower	Upper
75	100		
110	34.6	0.0	66.8
77	31.2	0.0	58.4

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#30

2-Butanone

Concen: 1062.669 ug/l

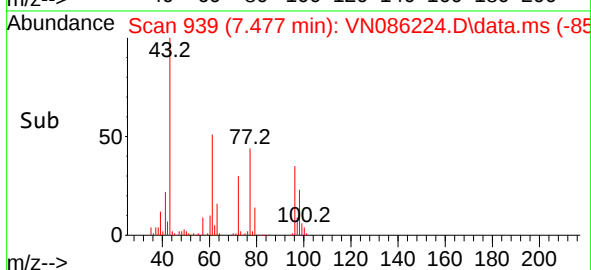
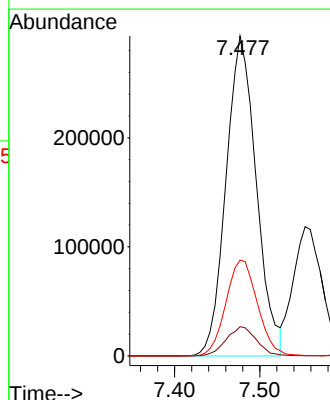
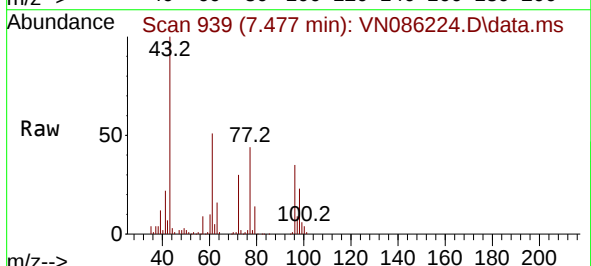
RT: 7.477 min Scan# 939

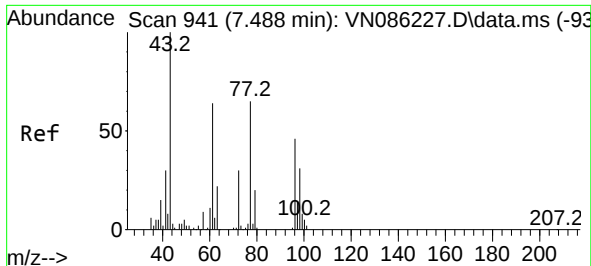
Delta R.T. -0.006 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Tgt Ion:	43	Resp:	723908
Ion	Ratio	Lower	Upper
43	100		
57	9.2	7.3	10.9
72	31.4	24.3	36.5





#31

2,2-Dichloropropane

Concen: 228.112 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion: 77 Resp: 43553

Ion Ratio Lower Upper

77 100

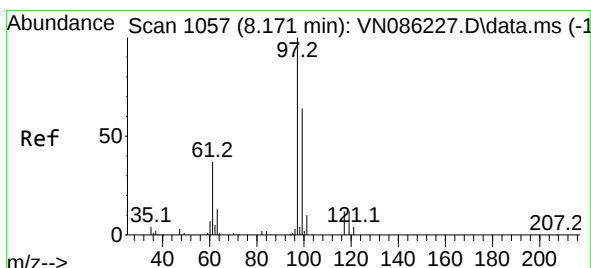
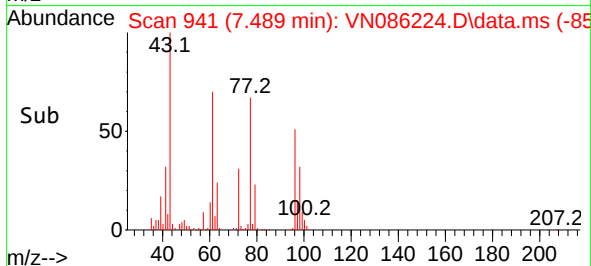
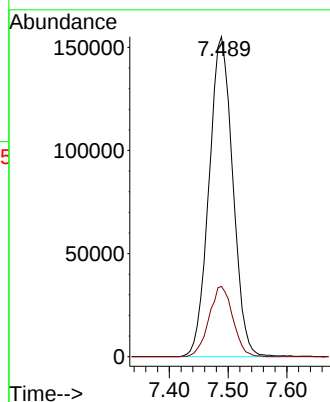
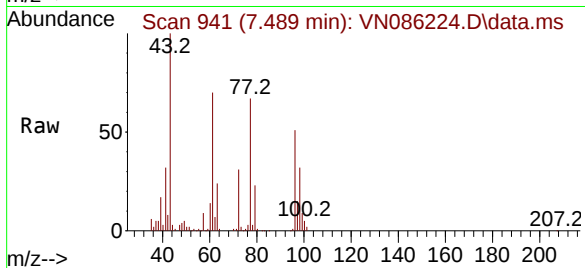
97 22.0 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#32

1,1,1-Trichloroethane

Concen: 220.462 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

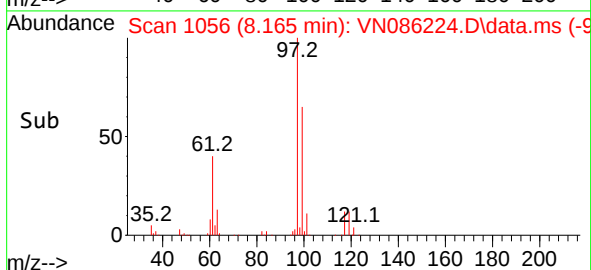
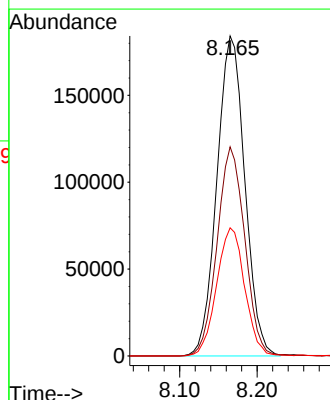
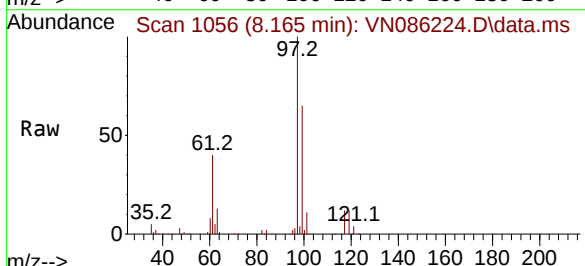
Tgt Ion: 97 Resp: 461979

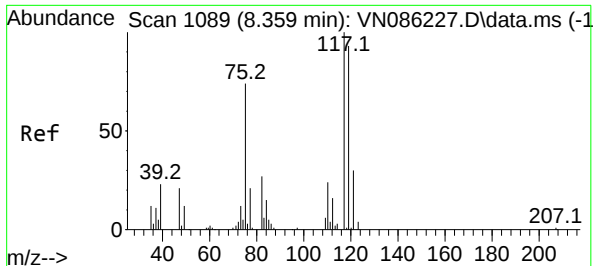
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

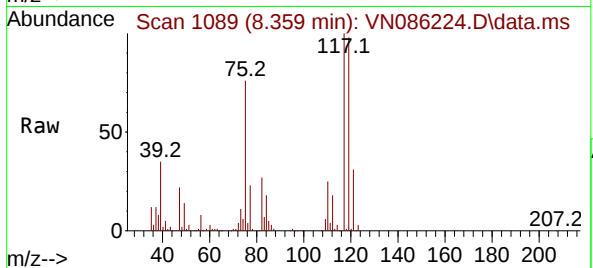
61 40.2 31.7 47.5





#33
Carbon Tetrachloride
Concen: 229.436 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

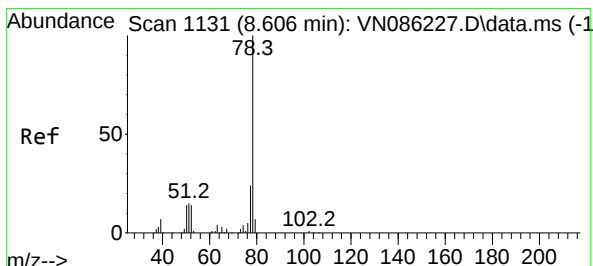
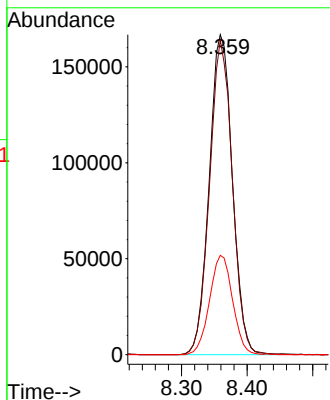
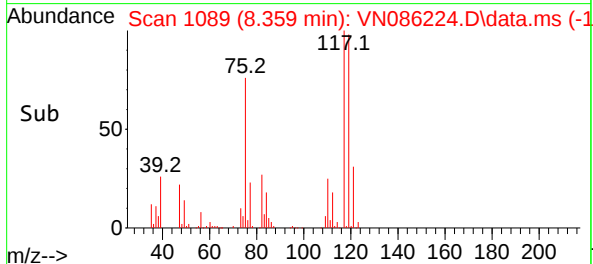
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 117 Resp: 41004
Ion Ratio Lower Upper
117 100
119 98.3 74.6 112.0
121 31.1 23.8 35.8

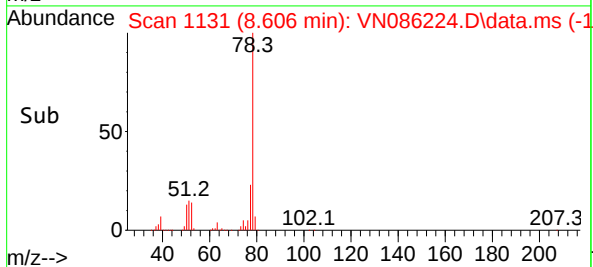
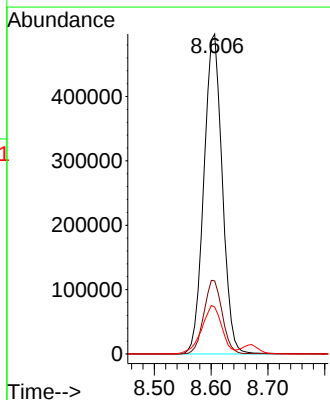
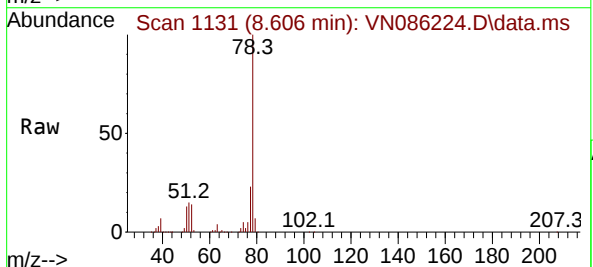
Manual Integrations
APPROVED

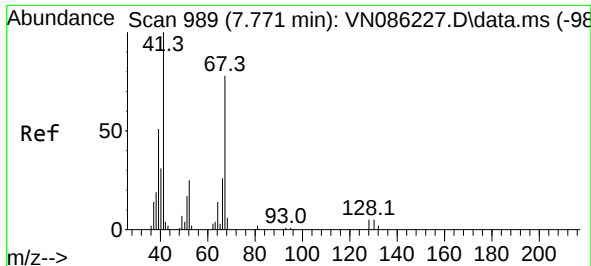
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#34
Benzene
Concen: 216.458 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

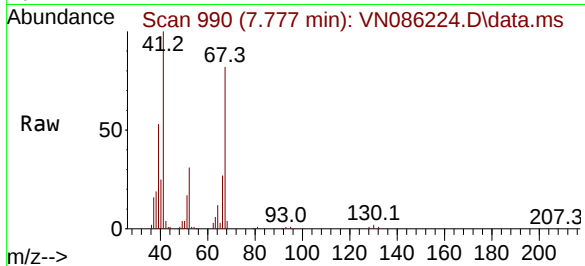
Tgt Ion: 78 Resp: 1113720
Ion Ratio Lower Upper
78 100
77 22.8 18.8 28.2
51 14.6 11.9 17.9





#35
Methacrylonitrile
Concen: 212.110 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

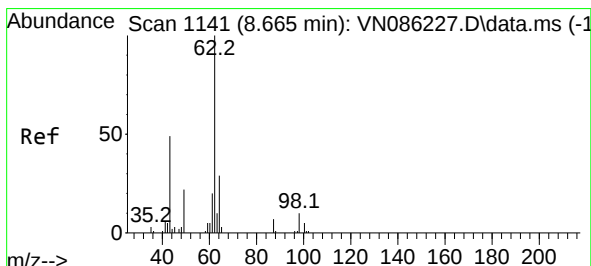
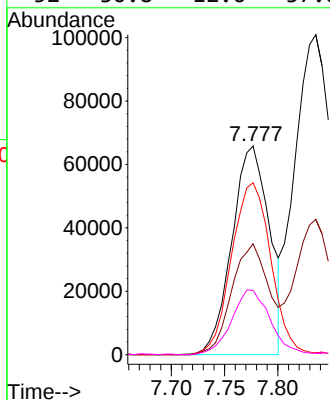
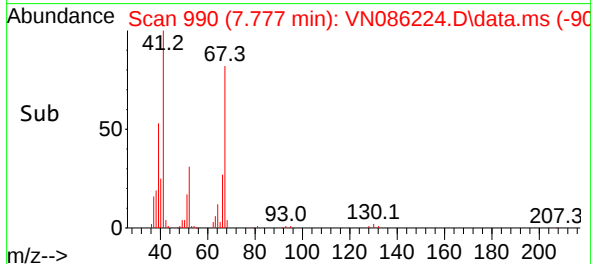
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 161329
Ion Ratio Lower Upper
41 100
39 53.2 25.7 77.0
67 82.4 39.0 117.0
52 30.8 12.6 37.8

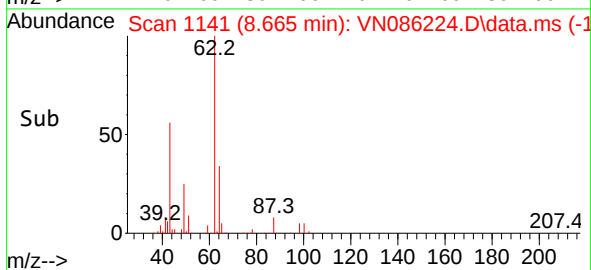
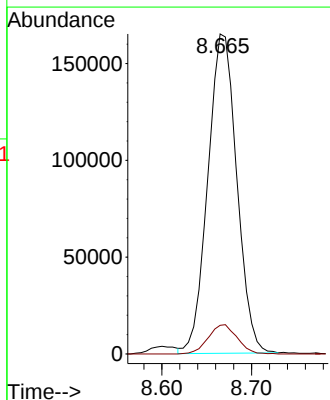
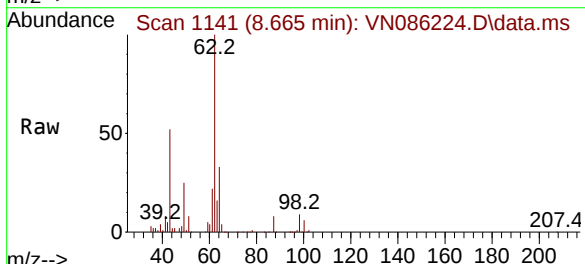
Manual Integrations
APPROVED

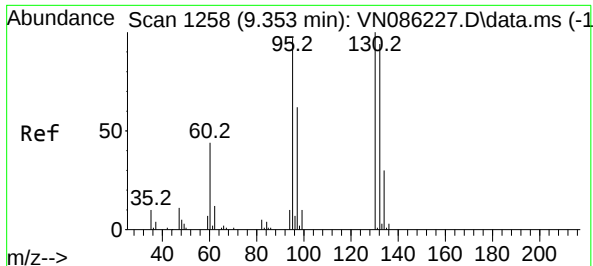
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#36
1,2-Dichloroethane
Concen: 216.262 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 62 Resp: 369559
Ion Ratio Lower Upper
62 100
98 9.2 7.8 11.8





#37

Trichloroethene

Concen: 236.076 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:130 Resp: 29090

Ion Ratio Lower Upper

130 100

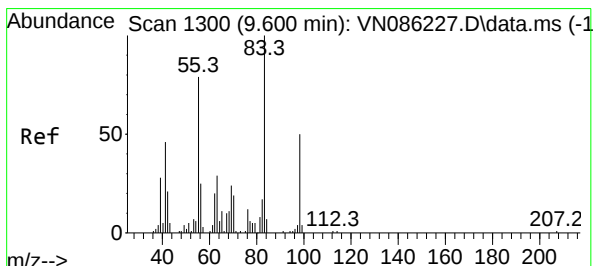
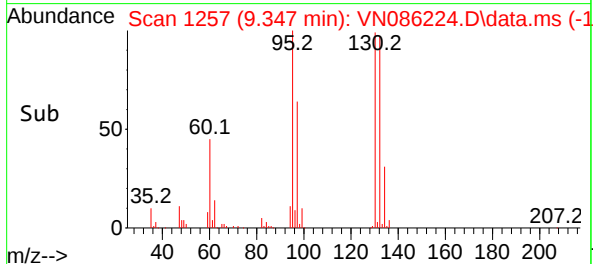
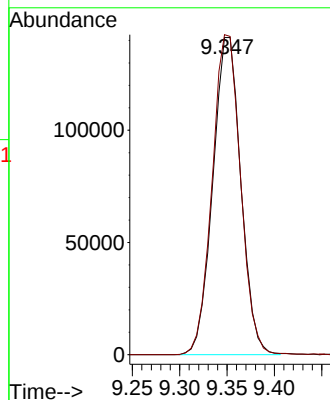
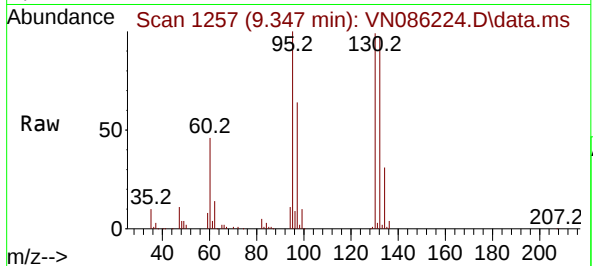
95 100.8 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#38

Methylcyclohexane

Concen: 255.561 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

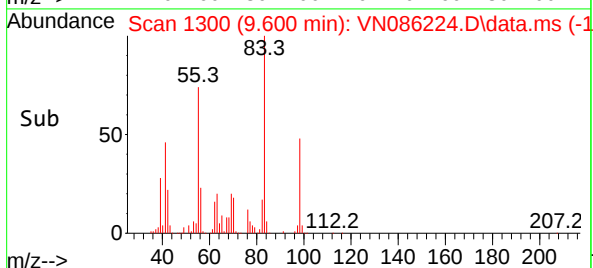
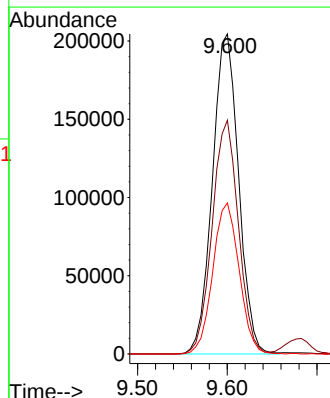
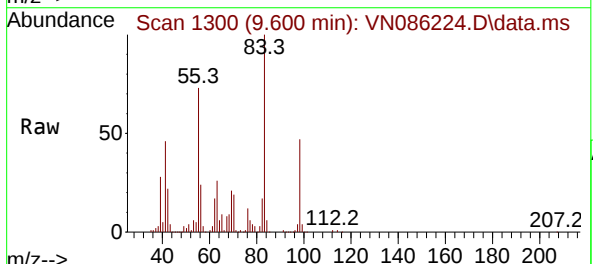
Tgt Ion: 83 Resp: 415518

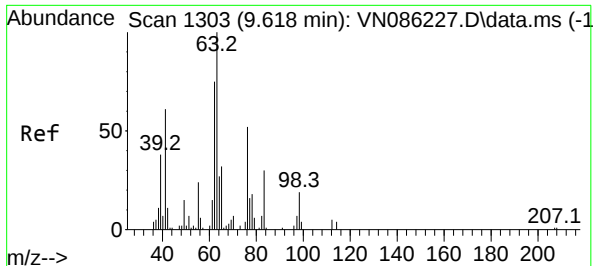
Ion Ratio Lower Upper

83 100

55 73.1 38.0 113.9

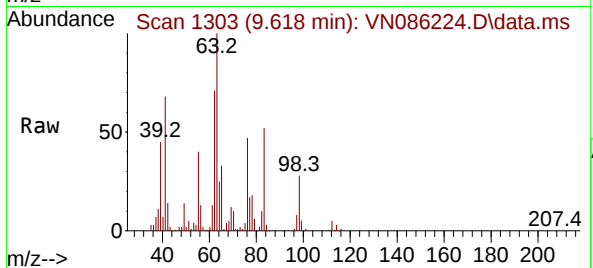
98 47.4 24.2 72.6





#39
1,2-Dichloropropane
Concen: 220.033 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

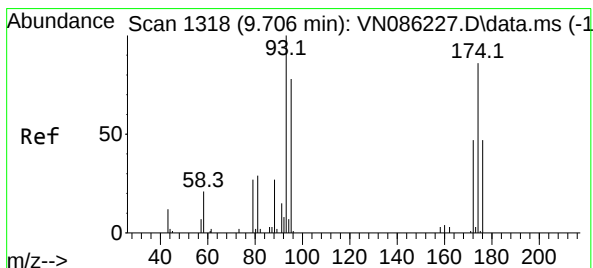
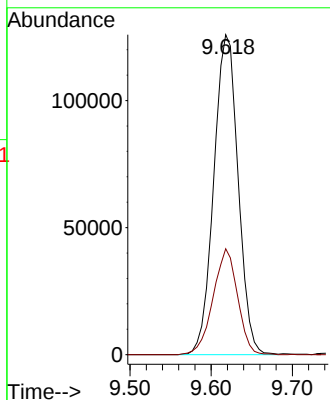
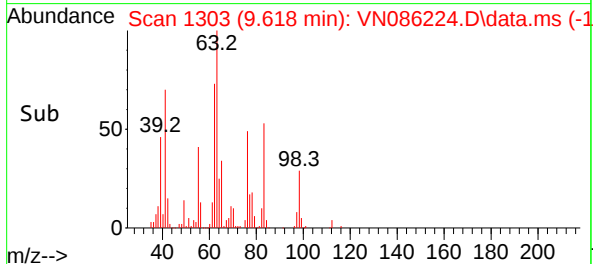
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 63 Resp: 262330
Ion Ratio Lower Upper
63 100
65 33.1 26.0 39.0

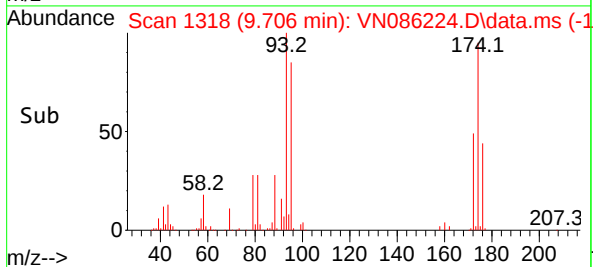
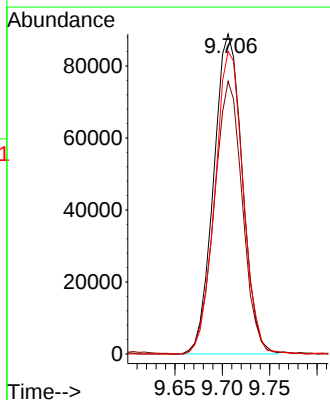
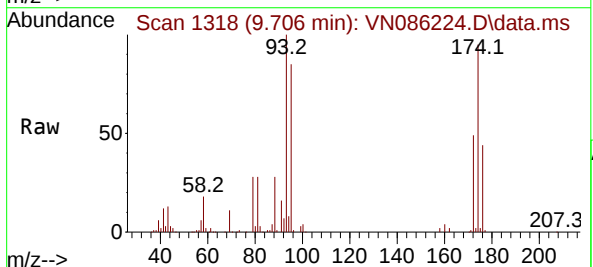
Manual Integrations
APPROVED

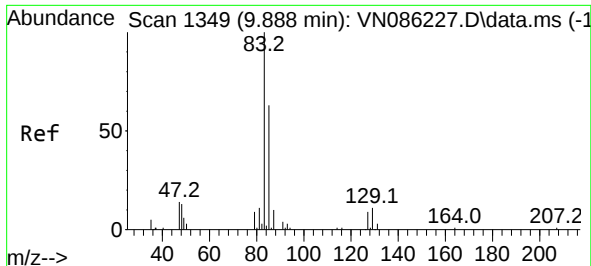
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#40
Dibromomethane
Concen: 212.892 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

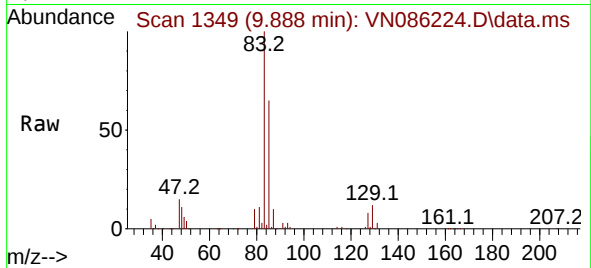
Tgt Ion: 93 Resp: 187295
Ion Ratio Lower Upper
93 100
95 83.8 0.0 160.8
174 93.0 0.0 181.4





#41
Bromodichloromethane
Concen: 221.115 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

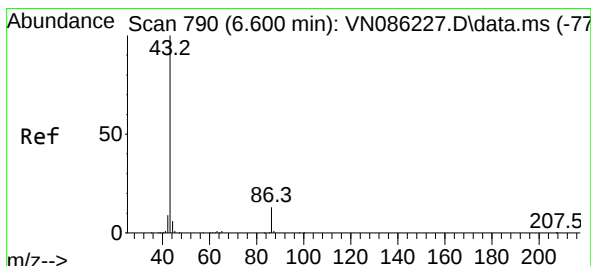
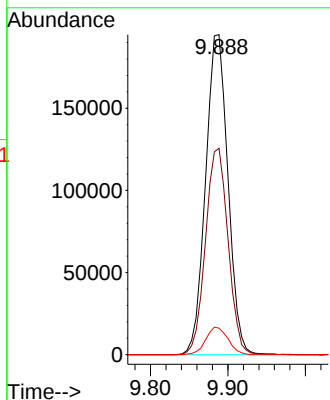
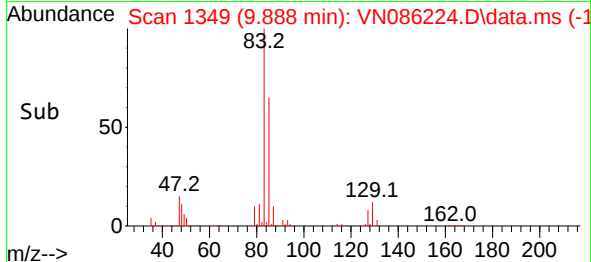
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 39072
Ion Ratio Lower Upper
83 100
85 64.4 50.6 75.8
127 8.3 6.8 10.2

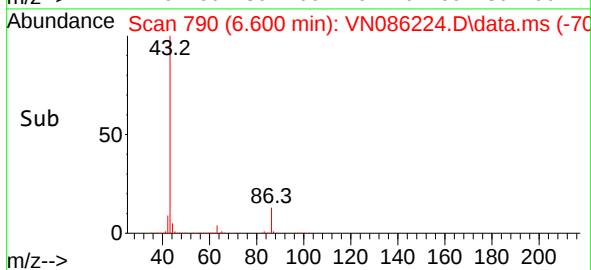
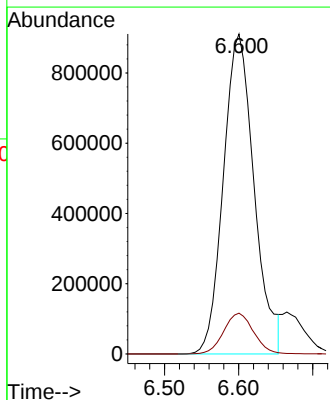
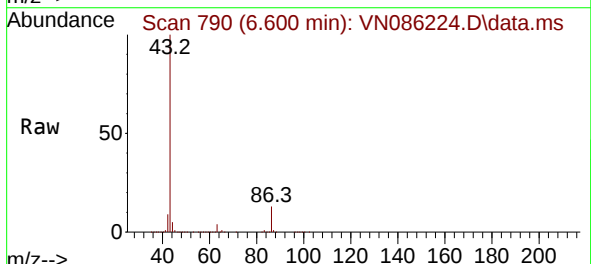
Manual Integrations
APPROVED

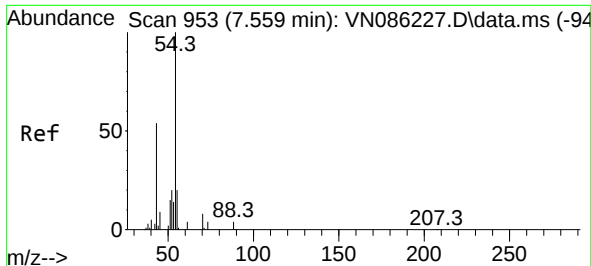
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#42
Vinyl Acetate
Concen: 1082.383 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

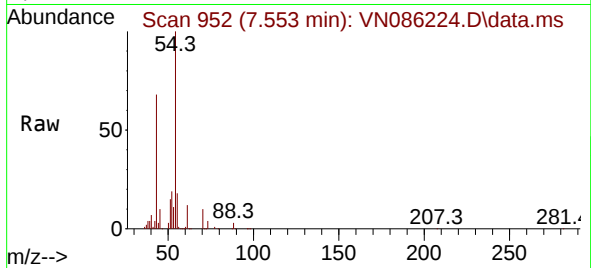
Tgt Ion: 43 Resp: 2627585
Ion Ratio Lower Upper
43 100
86 12.4 9.9 14.9





#43
Ethyl Acetate
Concen: 206.765 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

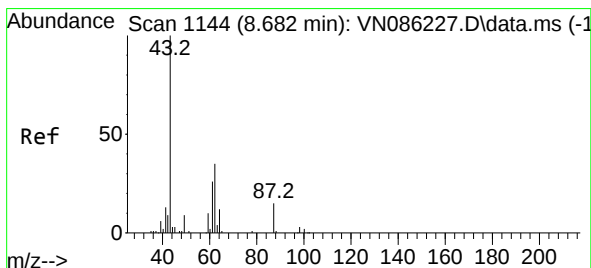
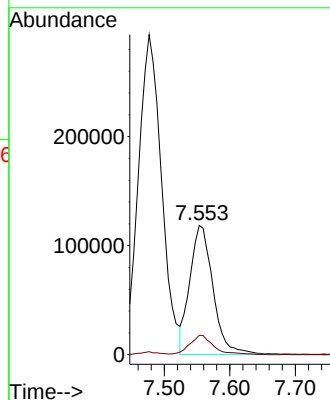
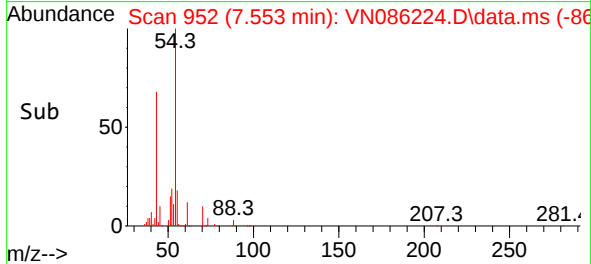
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 28960
Ion Ratio Lower Upper
43 100
45 15.6 0.2 0.4

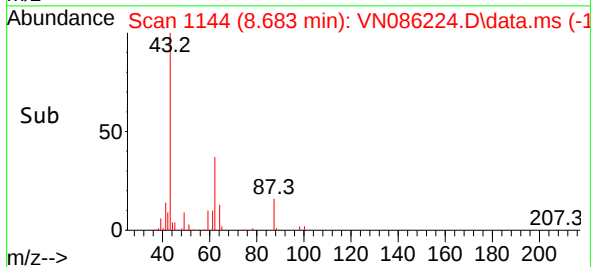
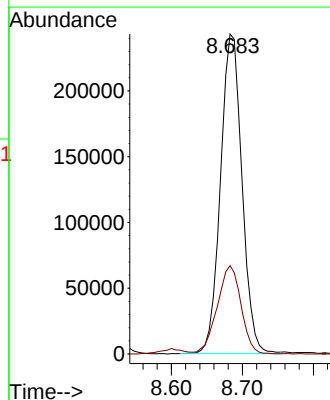
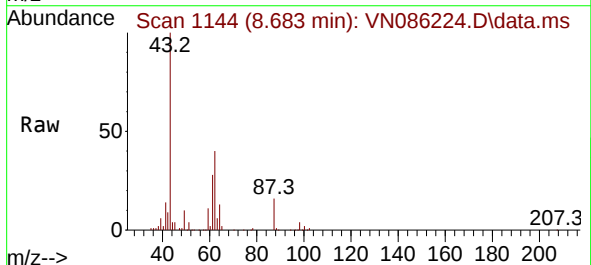
Manual Integrations
APPROVED

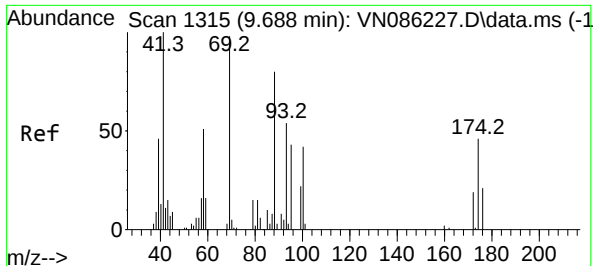
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#44
Isopropyl Acetate
Concen: 201.815 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 43 Resp: 510228
Ion Ratio Lower Upper
43 100
61 30.6 24.3 36.5





#45

1,4-Dioxane

Concen: 4157.202 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

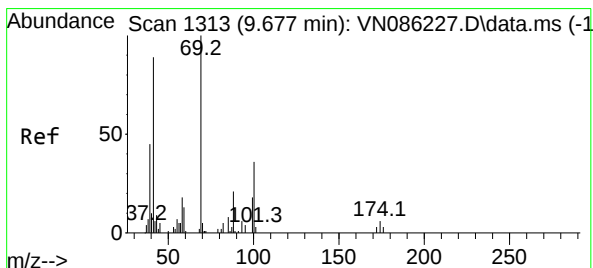
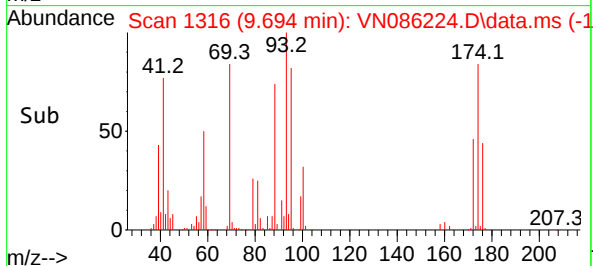
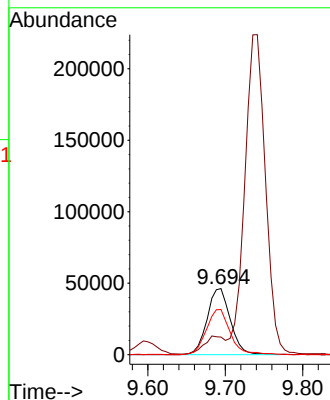
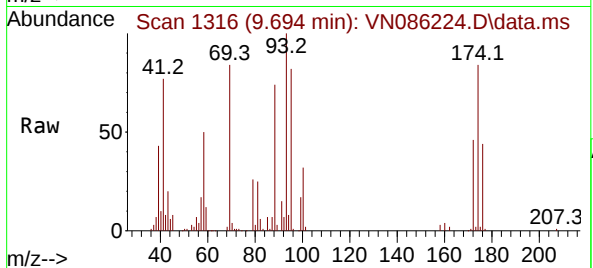
Tgt Ion: 88	Resp: 96348
Ion Ratio	Lower Upper
88 100	
43 24.0	19.8 29.8
58 69.8	60.6 91.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#46

Methyl methacrylate

Concen: 233.232 ug/l

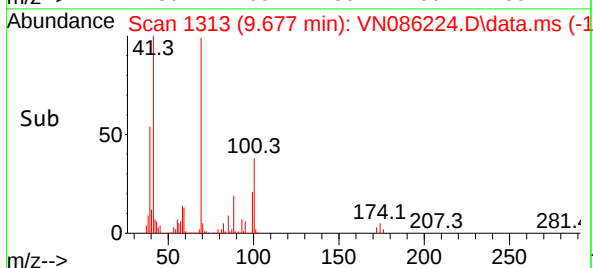
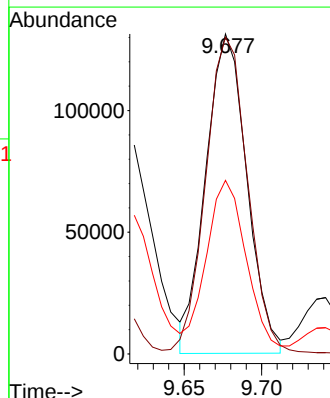
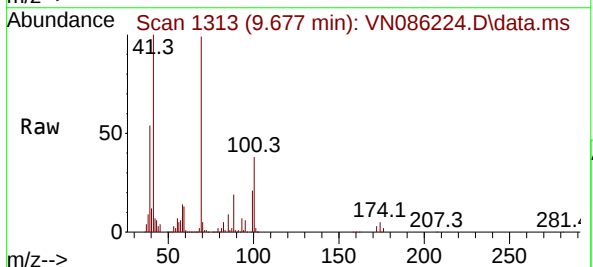
RT: 9.677 min Scan# 1313

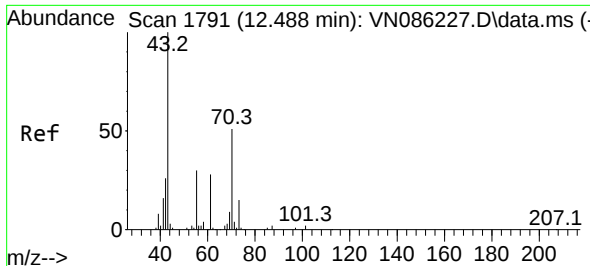
Delta R.T. 0.000 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

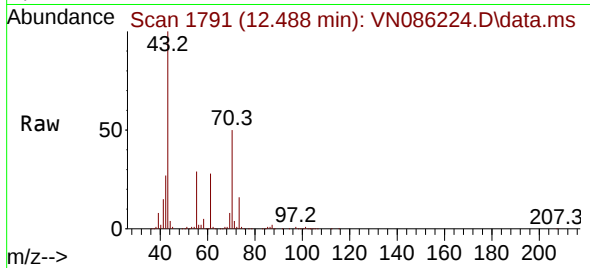
Tgt Ion: 41	Resp: 241515
Ion Ratio	Lower Upper
41 100	
69 100.6	53.1 159.4
39 54.1	25.2 75.6





#47
n-amy1 Acetate
Concen: 281.870 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

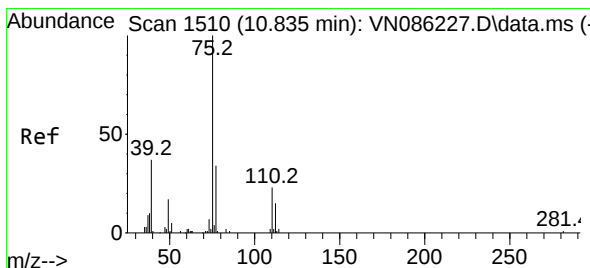
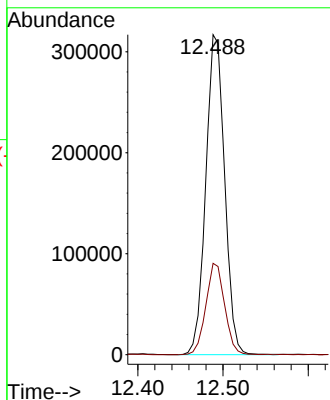
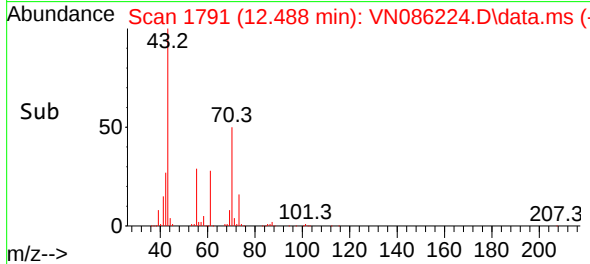
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 486900
Ion Ratio Lower Upper
43 100
55 28.4 24.6 36.8

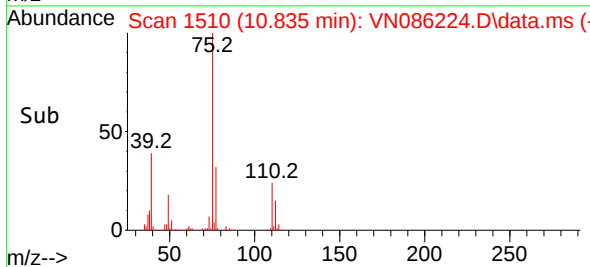
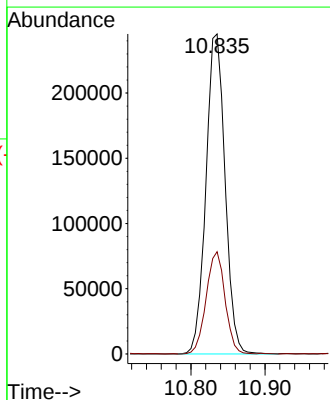
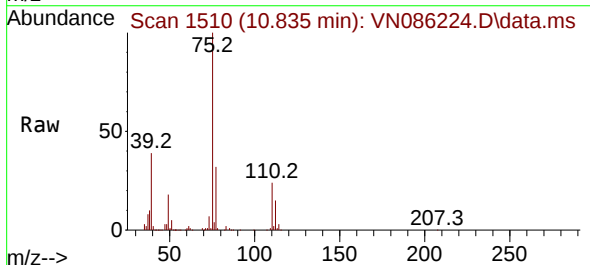
Manual Integrations
APPROVED

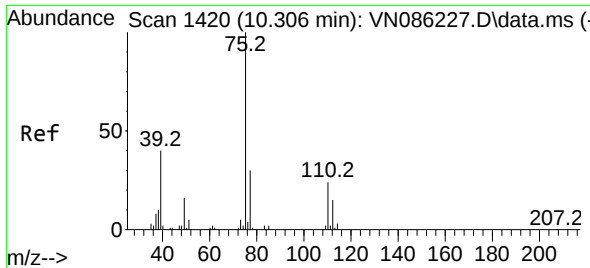
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#48
t-1,3-Dichloropropene
Concen: 241.041 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

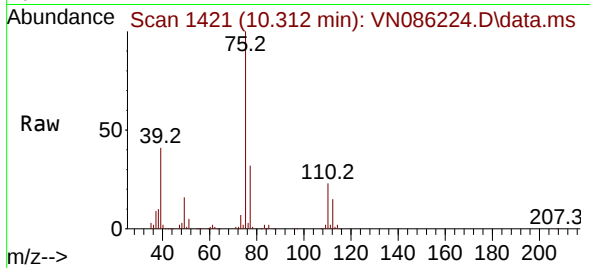
Tgt Ion: 75 Resp: 438915
Ion Ratio Lower Upper
75 100
77 32.0 27.2 40.8





#49
cis-1,3-Dichloropropene
Concen: 228.494 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

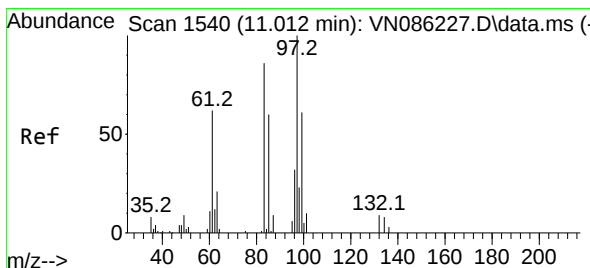
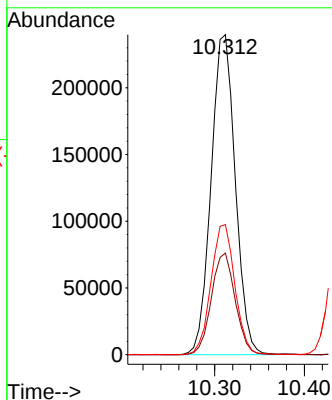
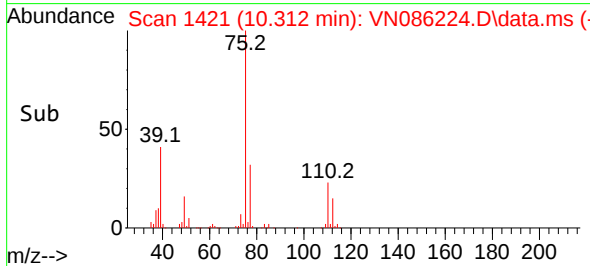
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 44954
Ion Ratio Lower Upper
75 100
77 31.8 23.8 35.6
39 40.7 31.9 47.9

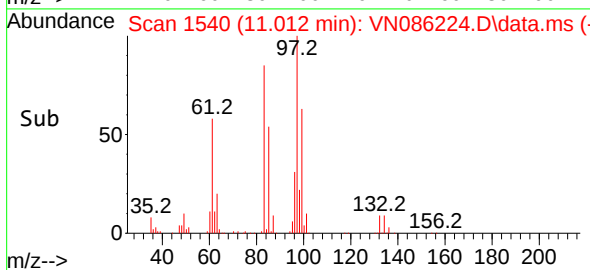
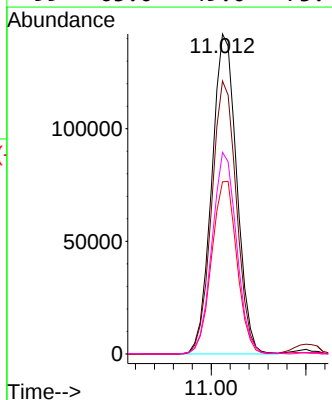
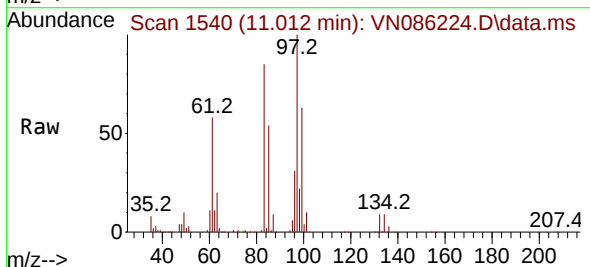
Manual Integrations
APPROVED

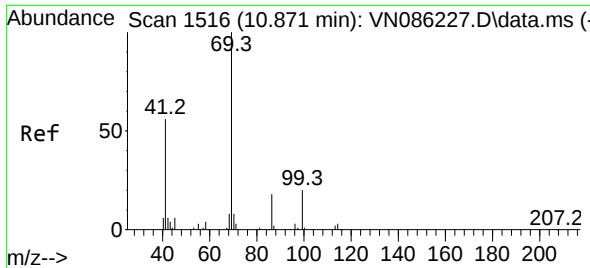
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#50
1,1,2-Trichloroethane
Concen: 226.313 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

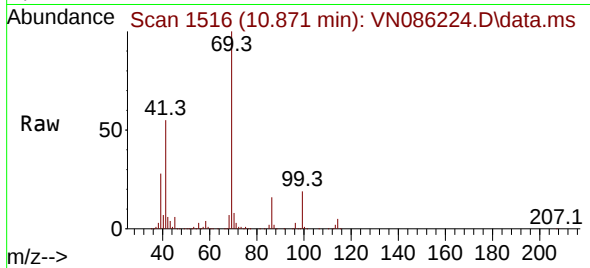
Tgt Ion: 97 Resp: 260305
Ion Ratio Lower Upper
97 100
83 85.3 68.4 102.6
85 53.8 47.7 71.5
99 63.0 49.0 73.4





#51
Ethyl methacrylate
Concen: 263.692 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

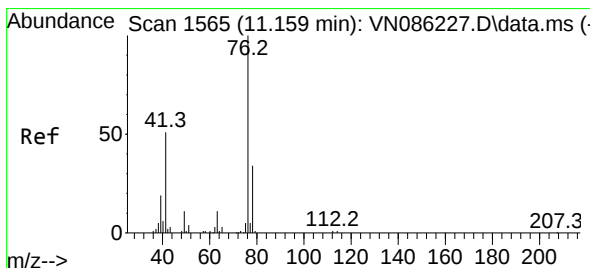
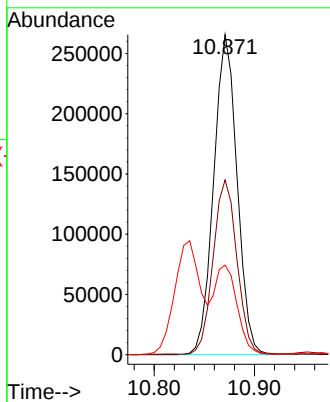
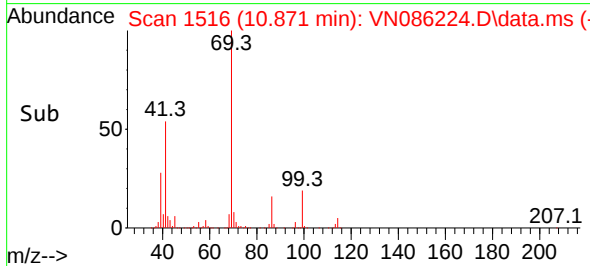
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 69 Resp: 430580
Ion Ratio Lower Upper
69 100
41 54.4 27.8 83.3
39 27.8 14.1 42.3

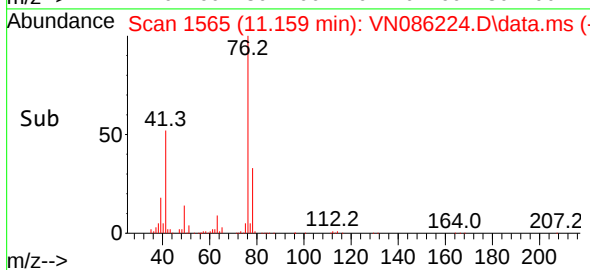
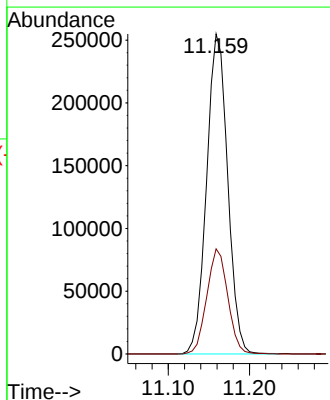
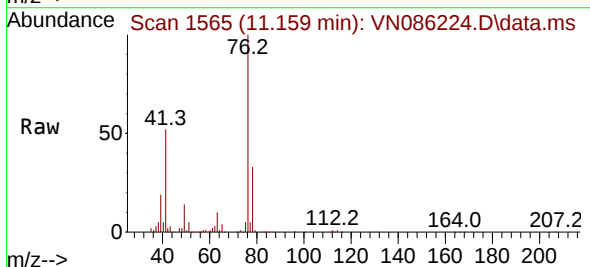
Manual Integrations
APPROVED

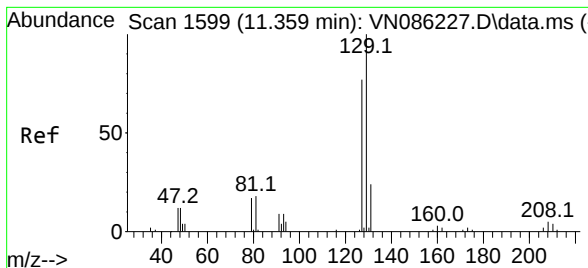
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#52
1,3-Dichloropropane
Concen: 229.135 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

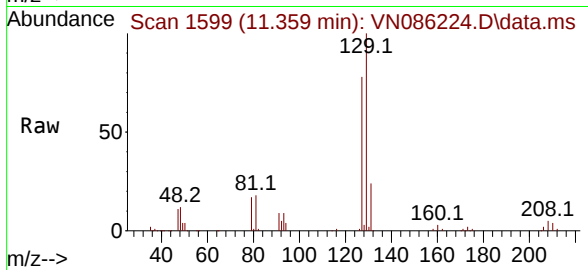
Tgt Ion: 76 Resp: 459163
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4





#53
Dibromochloromethane
Concen: 238.090 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

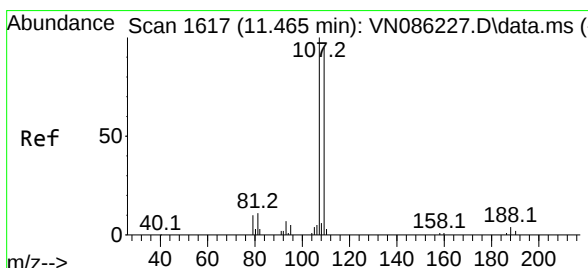
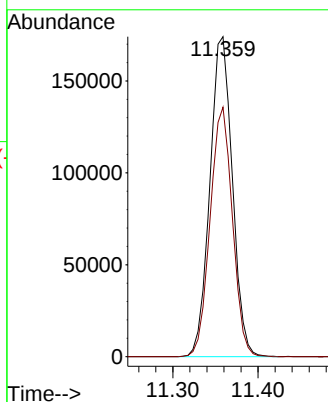
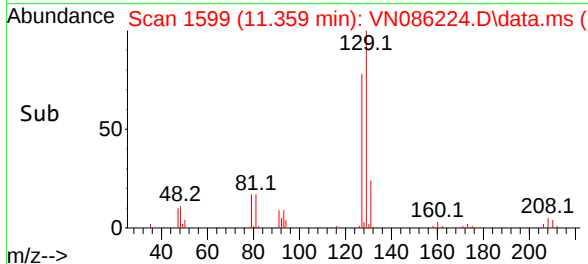
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



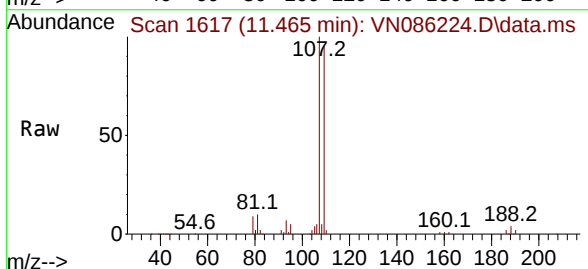
Tgt Ion:129 Resp: 318848
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4

Manual Integrations
APPROVED

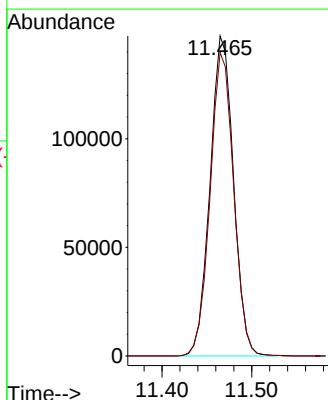
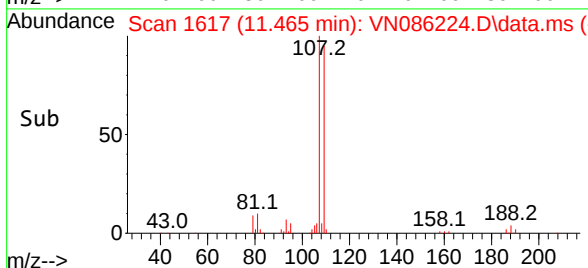
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

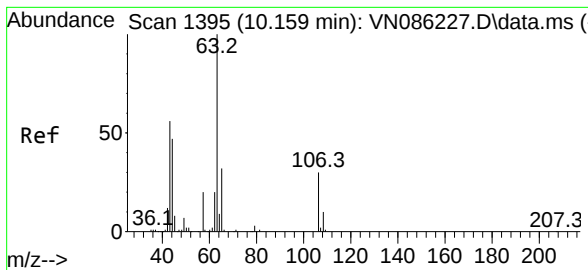


#54
1,2-Dibromoethane
Concen: 226.770 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14



Tgt Ion:107 Resp: 267617
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4





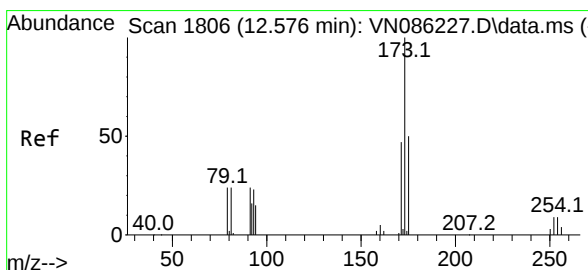
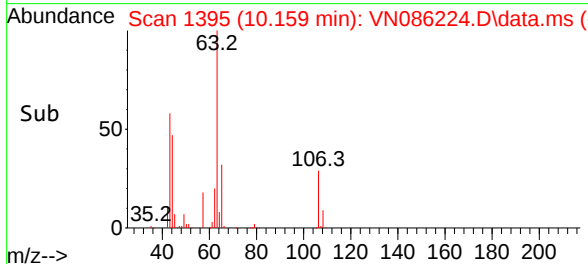
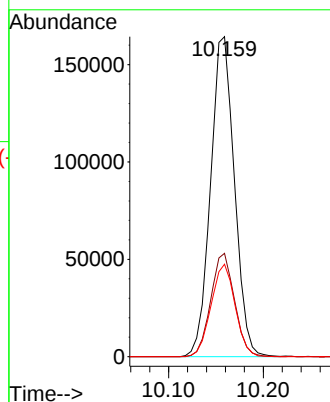
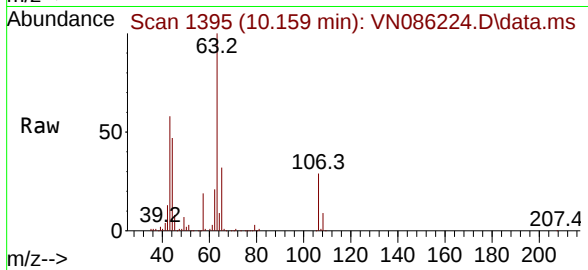
#55
2-Chloroethyl vinyl ether
Concen: 384.534 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 63 Resp: 28791
Ion Ratio Lower Upper
63 100
65 32.1 25.7 38.5
106 29.1 23.5 35.3

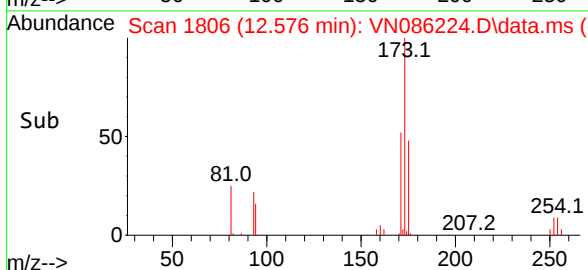
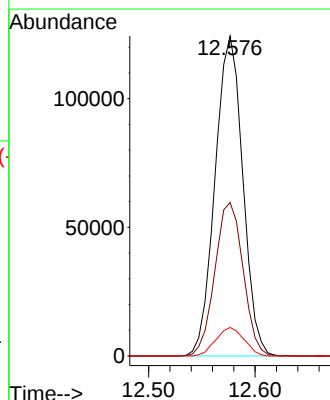
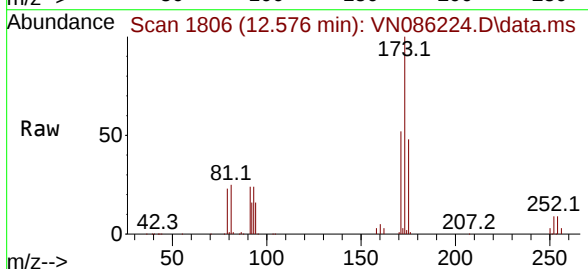
Manual Integrations
APPROVED

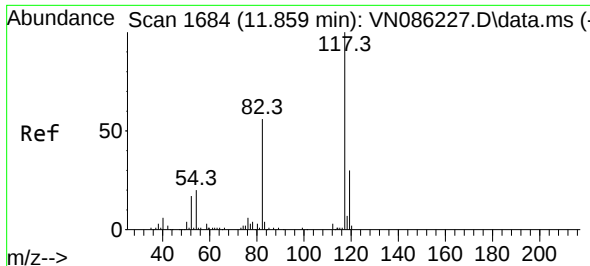
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#56
Bromoform
Concen: 248.082 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Tgt Ion:173 Resp: 224760
Ion Ratio Lower Upper
173 100
175 48.8 38.2 57.4
254 9.0 7.5 11.3





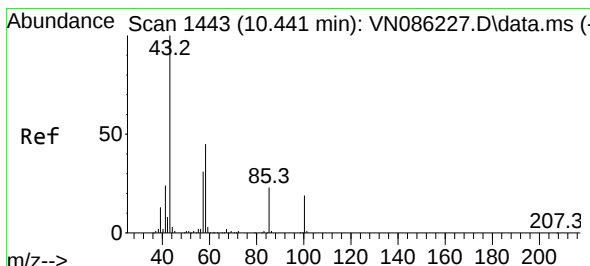
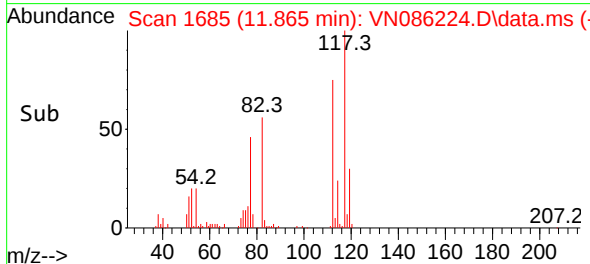
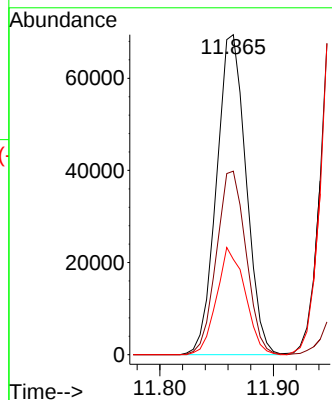
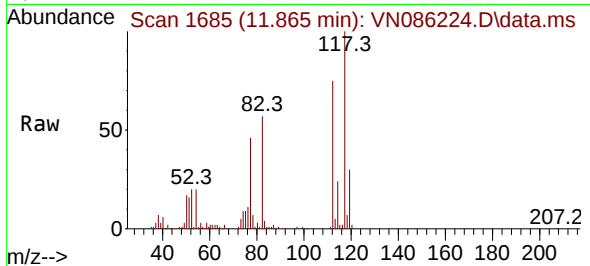
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 11865
Delta R.T. 0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:117 Resp: 125529
Ion Ratio Lower Upper
117 100
82 57.5 46.0 69.0
119 32.4 25.4 38.0

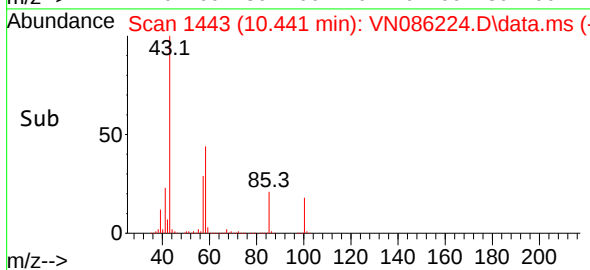
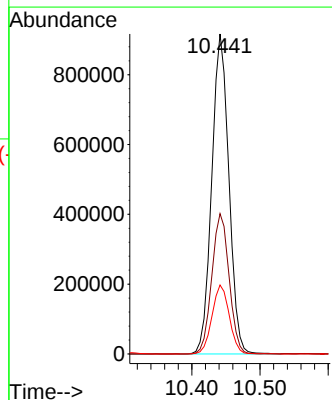
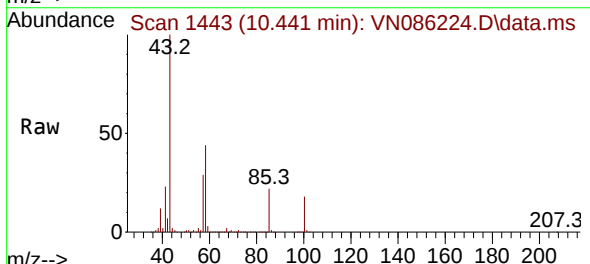
Manual Integrations
APPROVED

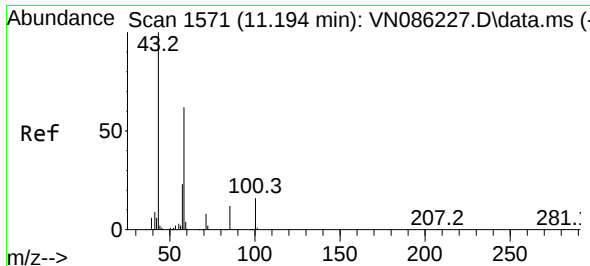
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#58
4-Methyl-2-Pentanone
Concen: 1080.774 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

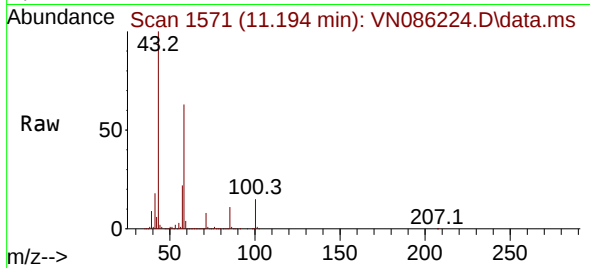
Tgt Ion: 43 Resp: 1601075
Ion Ratio Lower Upper
43 100
58 44.3 35.4 53.2
85 21.7 17.6 26.4





#59
2-Hexanone
Concen: 1131.174 ug/l
RT: 11.194 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

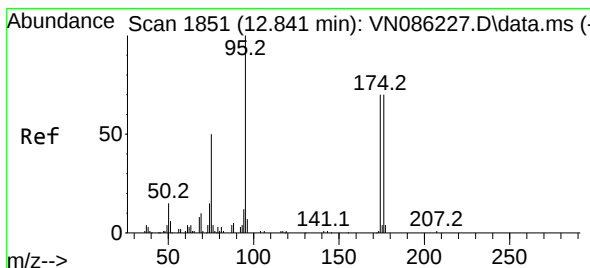
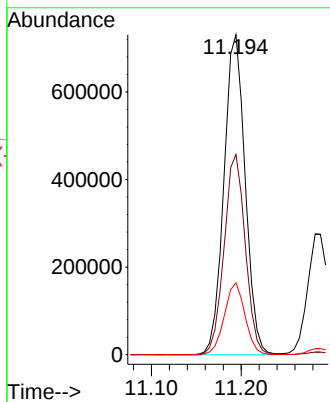
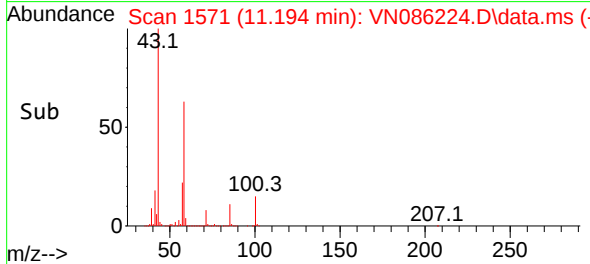
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 43 Resp: 120282
Ion Ratio Lower Upper
43 100
58 62.2 48.5 72.7
57 21.8 17.7 26.5

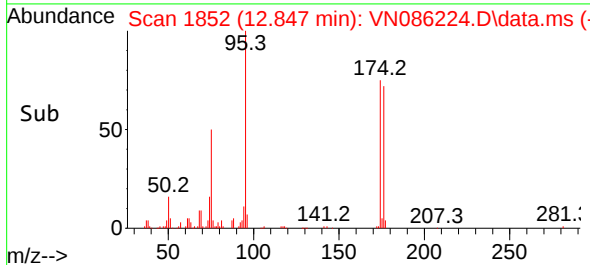
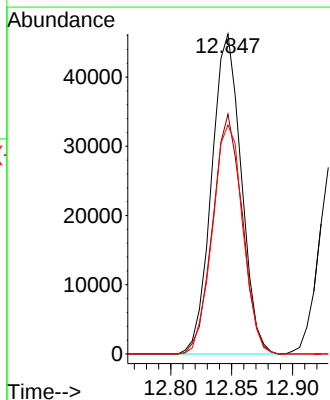
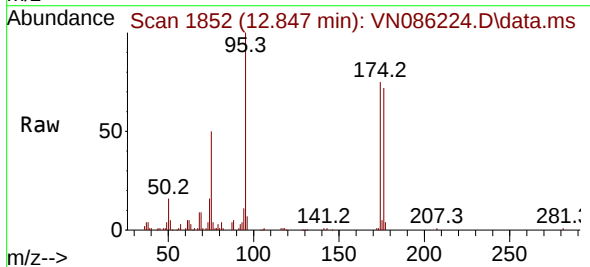
Manual Integrations
APPROVED

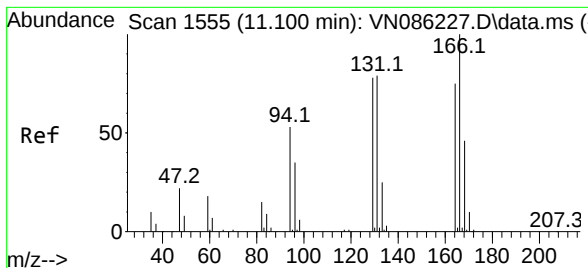
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#60
4-Bromofluorobenzene
Concen: 33.412 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

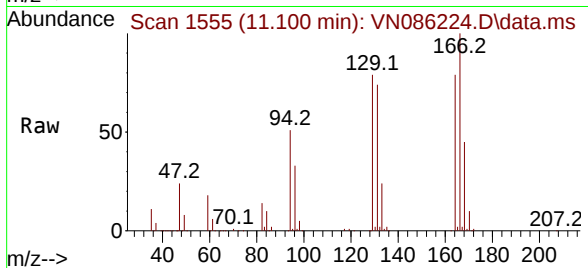
Tgt Ion: 95 Resp: 78143
Ion Ratio Lower Upper
95 100
174 74.9 59.7 89.5
176 73.5 56.8 85.2





#61
Tetrachloroethene
Concen: 227.098 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

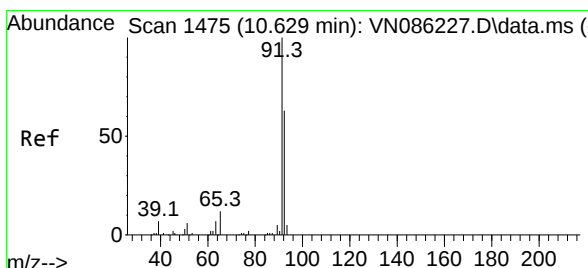
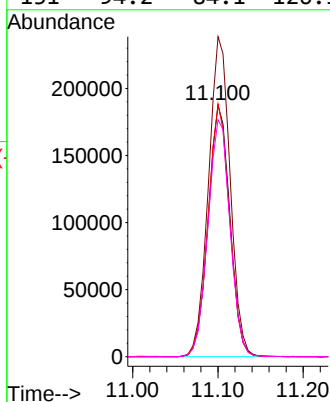
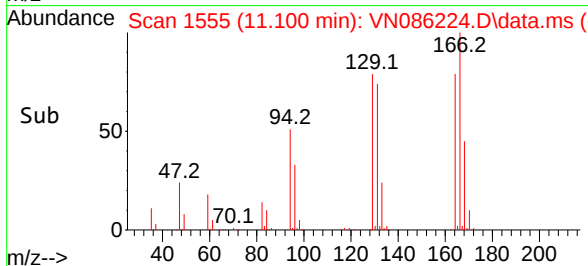
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion:164 Resp: 332690
Ion Ratio Lower Upper
164 100
166 127.2 106.3 159.5
129 100.4 83.3 124.9
131 94.2 84.1 126.1

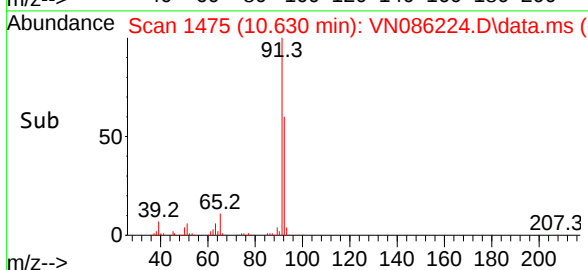
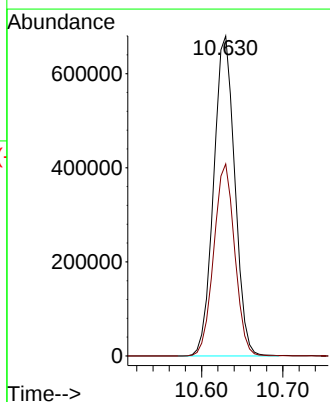
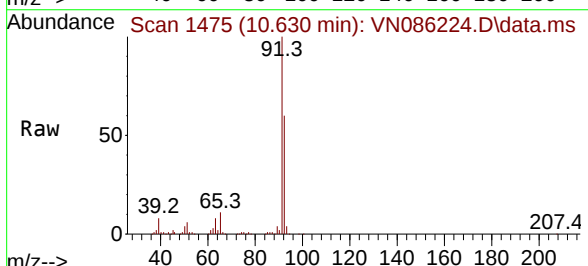
Manual Integrations
APPROVED

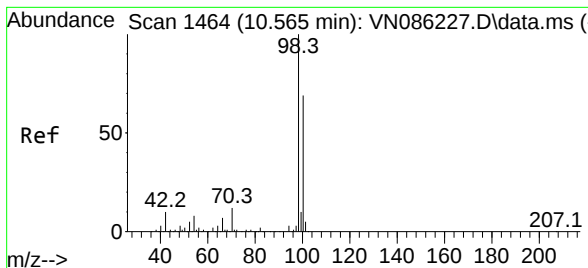
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#62
Toluene
Concen: 214.783 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

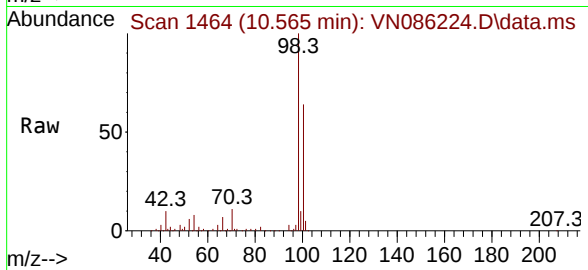
Tgt Ion: 91 Resp: 1230762
Ion Ratio Lower Upper
91 100
92 59.5 48.2 72.4





#63
Toluene-d8
Concen: 28.897 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

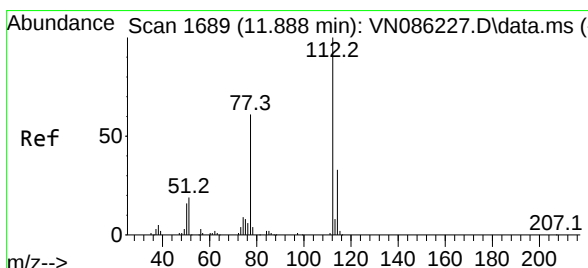
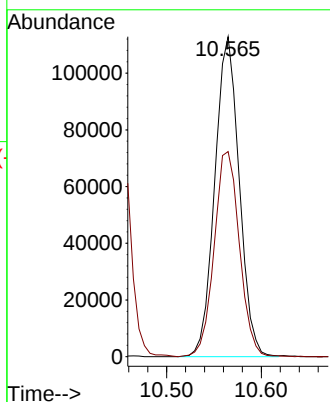
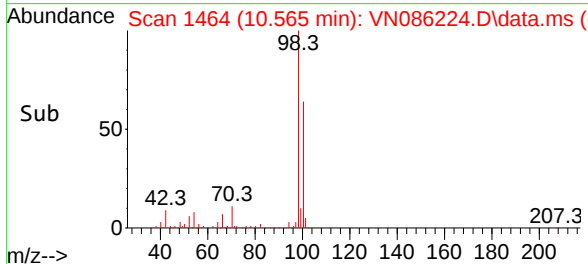
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion: 98 Resp: 202352
Ion Ratio Lower Upper
98 100
100 66.3 53.9 80.9

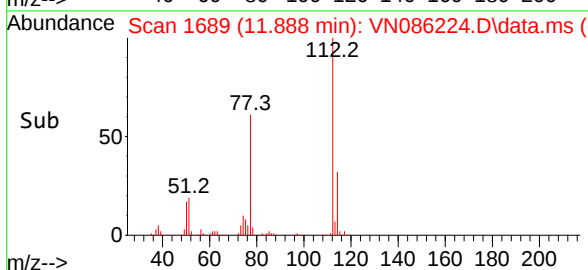
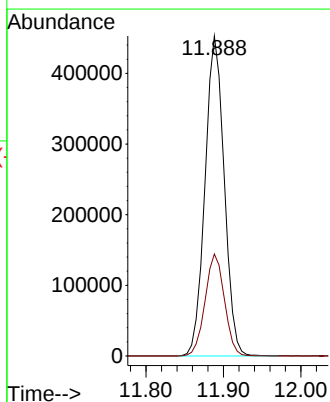
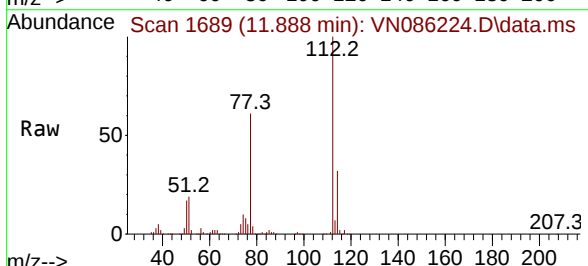
Manual Integrations
APPROVED

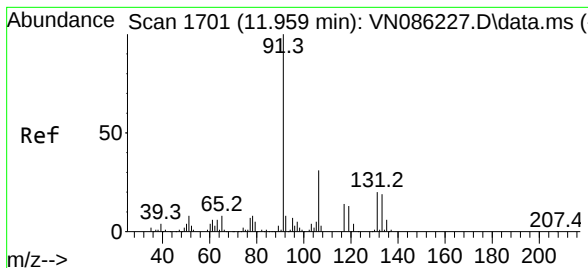
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#64
Chlorobenzene
Concen: 217.667 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

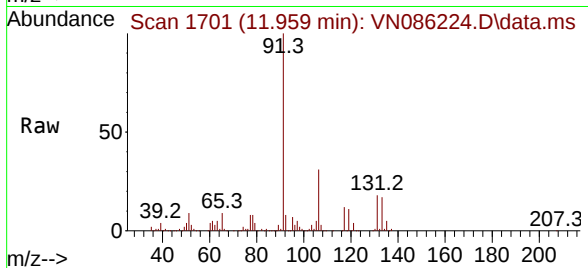
Tgt Ion:112 Resp: 778226
Ion Ratio Lower Upper
112 100
114 31.9 26.5 39.7





#65
1,1,1,2-Tetrachloroethane
Concen: 216.167 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

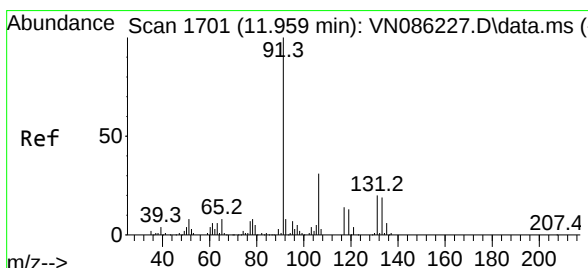
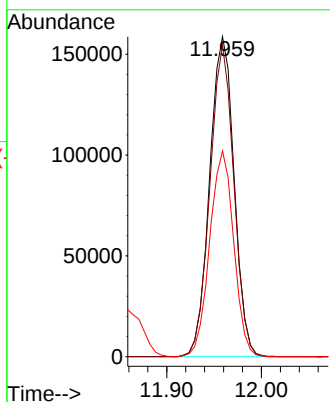
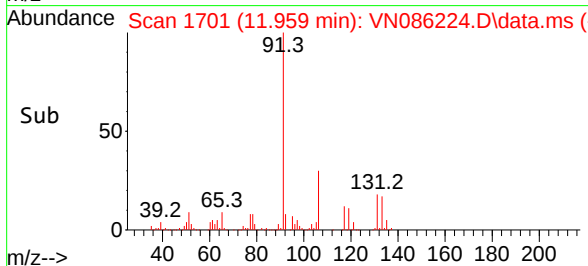
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



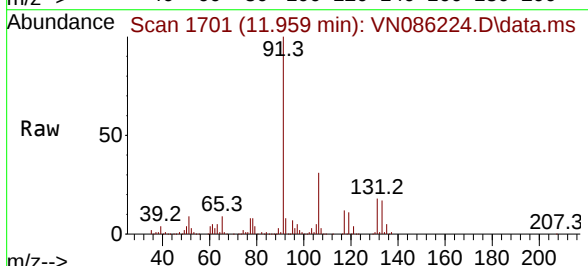
Tgt Ion:131 Resp: 284404
Ion Ratio Lower Upper
131 100
133 95.4 0.0 187.0
119 63.1 0.0 125.2

Manual Integrations
APPROVED

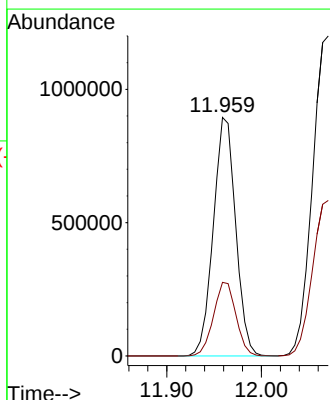
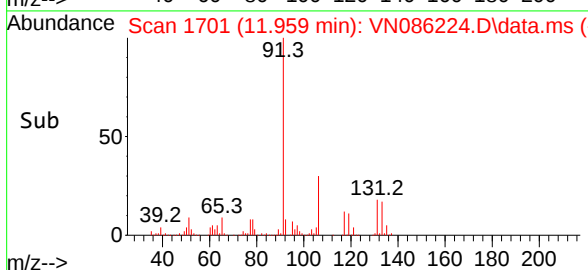
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

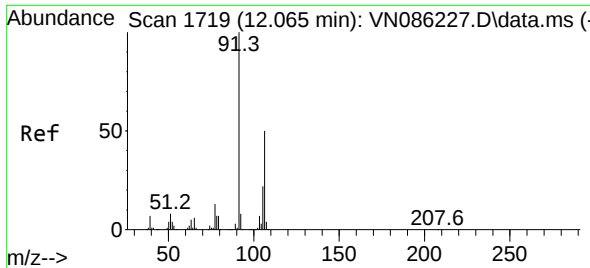


#66
Ethyl Benzene
Concen: 247.106 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14



Tgt Ion: 91 Resp: 1469330
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1





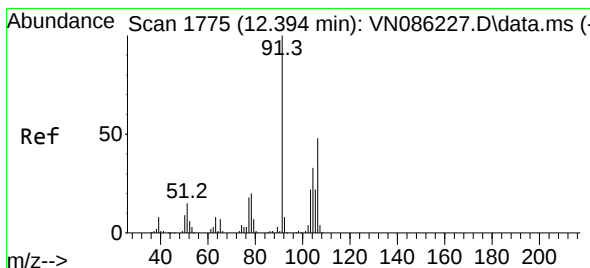
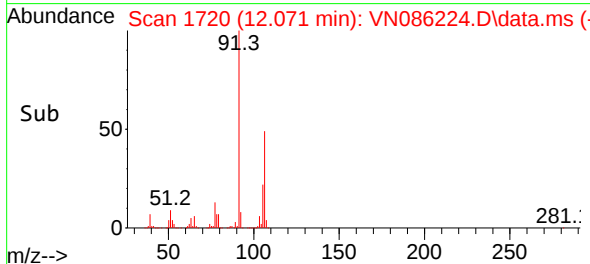
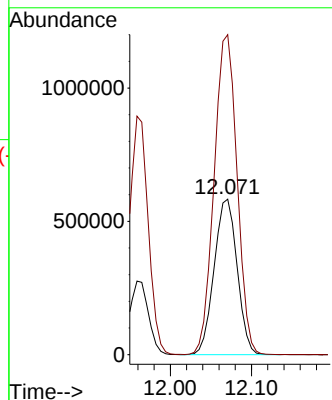
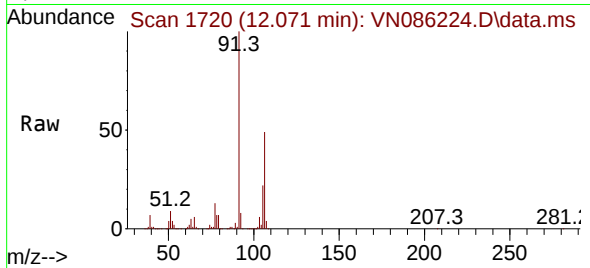
#67
m/p-Xylenes
Concen: 489.259 ug/l
RT: 12.071 min Scan# 1719
Delta R.T. 0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 1148472
Ion Ratio Lower Upper
106 100
91 205.2 161.4 242.0

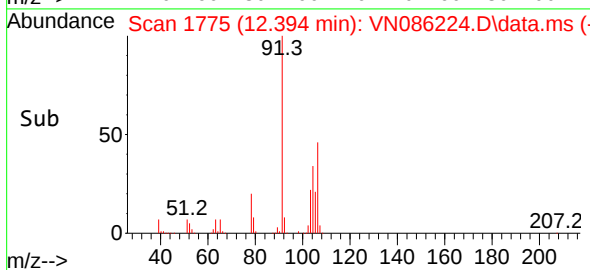
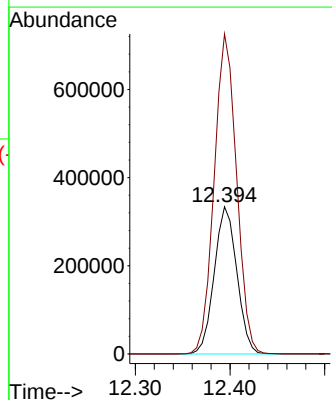
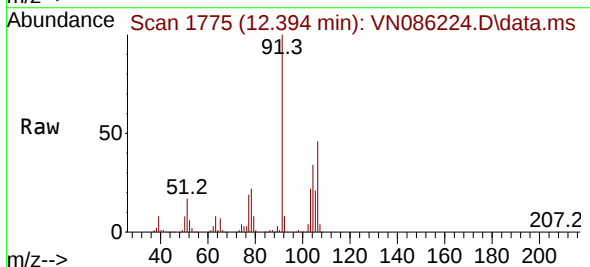
Manual Integrations
APPROVED

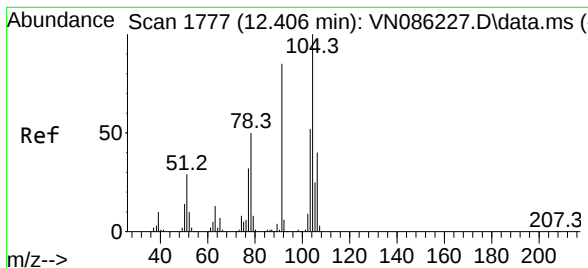
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#68
o-Xylene
Concen: 244.455 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Tgt Ion:106 Resp: 553903
Ion Ratio Lower Upper
106 100
91 215.6 106.1 318.1





#69

Styrene

Concen: 260.558 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

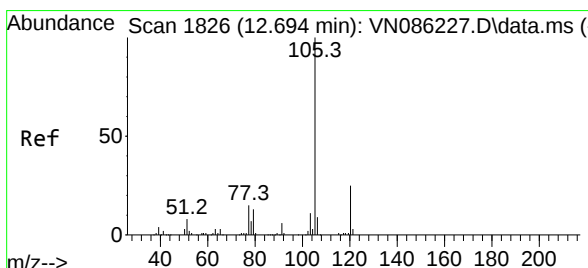
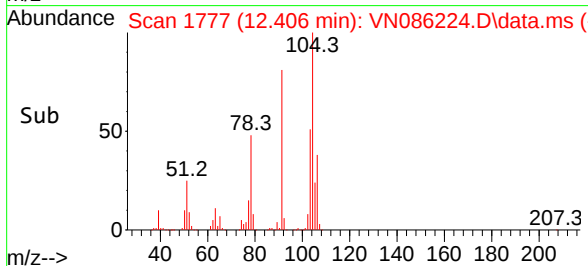
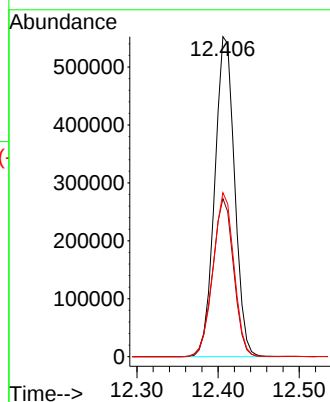
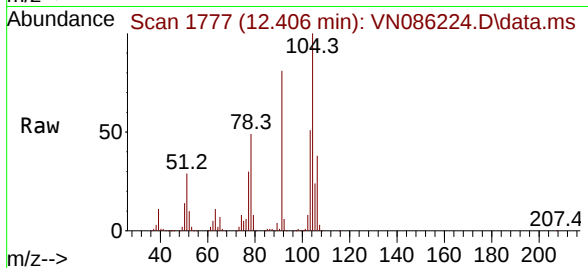
Tgt Ion:104	Resp: 94145
Ion Ratio	Lower Upper
104	100
78	52.0 40.9 61.3
103	53.6 42.6 63.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#70

Isopropylbenzene

Concen: 244.786 ug/l

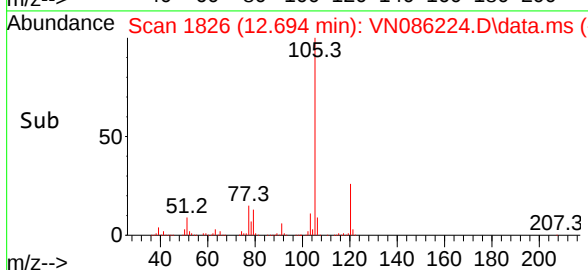
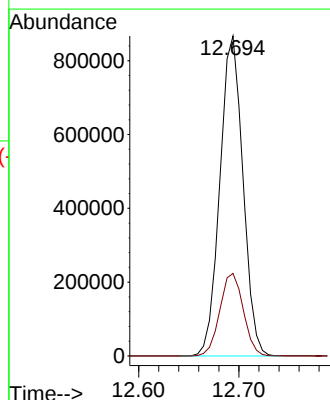
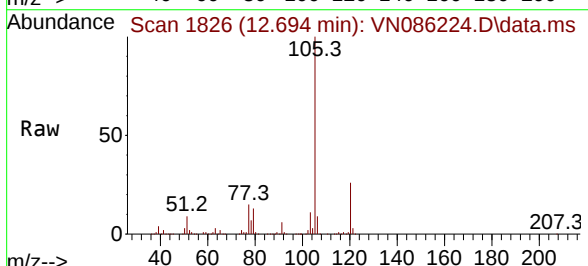
RT: 12.694 min Scan# 1826

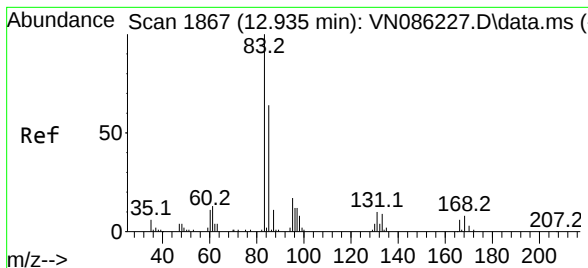
Delta R.T. 0.000 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Tgt Ion:105	Resp: 1384220
Ion Ratio	Lower Upper
105	100
120	26.2 18.0 33.4





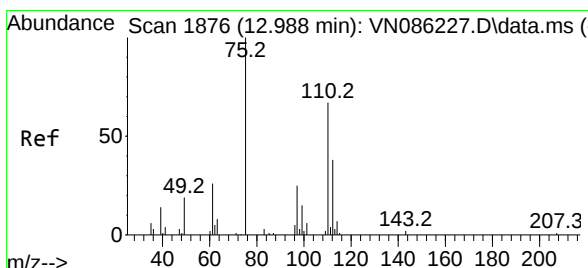
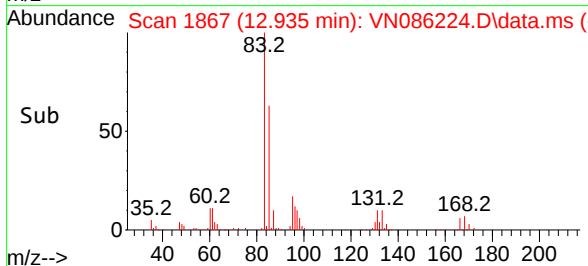
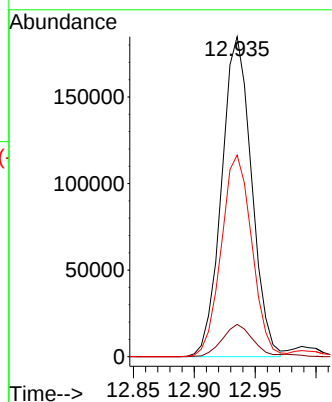
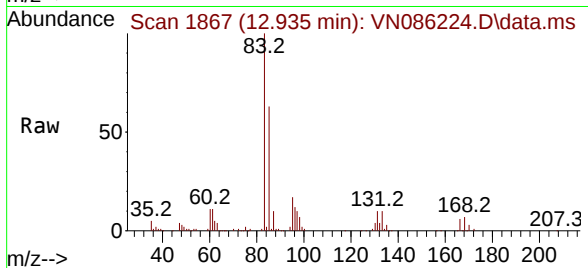
#71
1,1,2,2-Tetrachloroethane
Concen: 192.866 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 316349
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 64.4 32.6 97.8

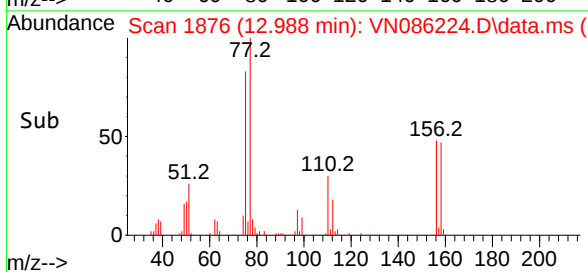
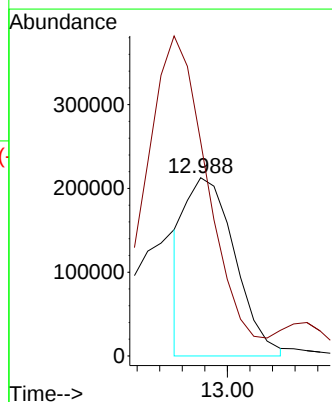
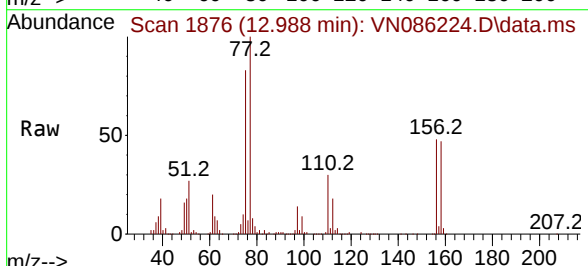
Manual Integrations
APPROVED

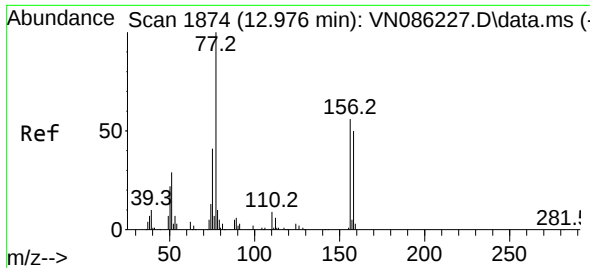
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#72
1,2,3-Trichloropropane
Concen: 205.822 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 75 Resp: 325949
Ion Ratio Lower Upper
75 100
77 228.4 0.0 412.2





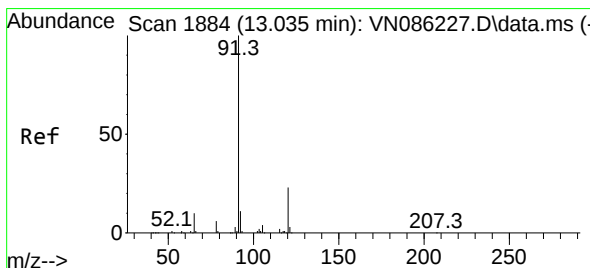
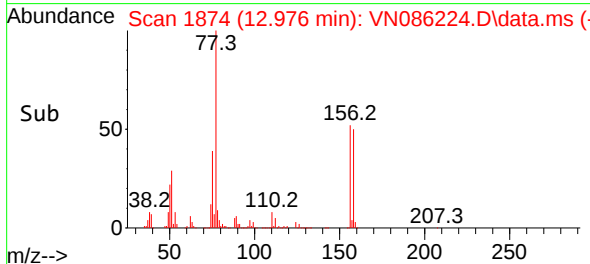
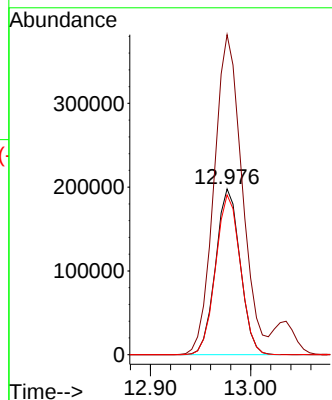
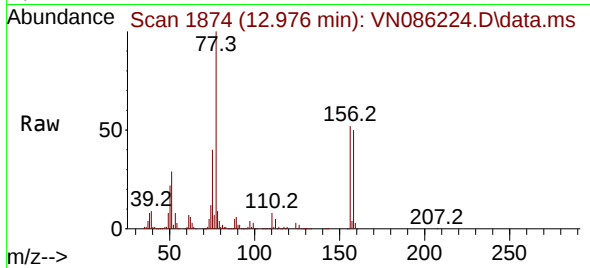
#73
Bromobenzene
Concen: 231.142 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 336798
Ion Ratio Lower Upper
156 100
77 221.0 0.0 431.8
158 97.1 0.0 197.0

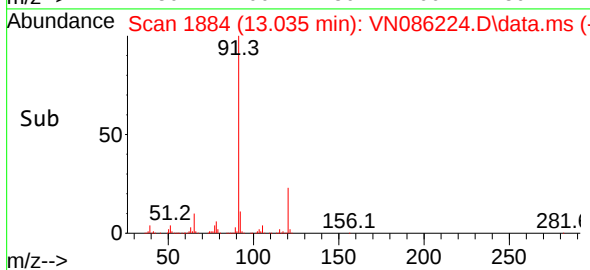
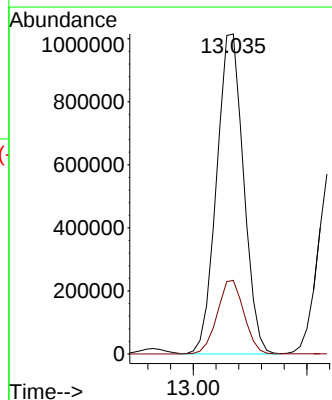
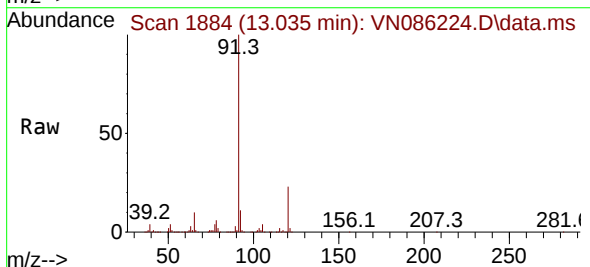
Manual Integrations
APPROVED

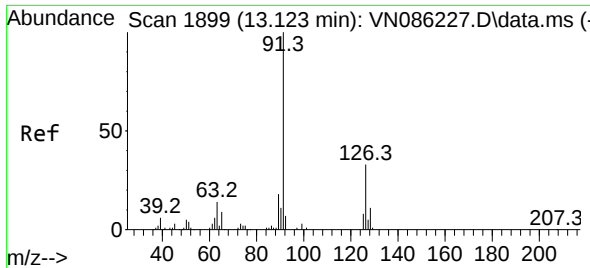
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#74
n-propylbenzene
Concen: 259.034 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 91 Resp: 1676877
Ion Ratio Lower Upper
91 100
120 22.7 0.0 46.0





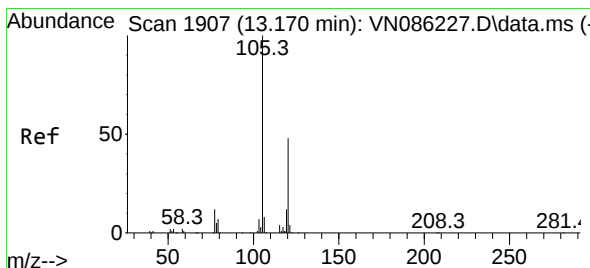
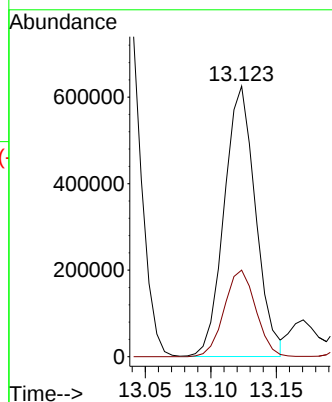
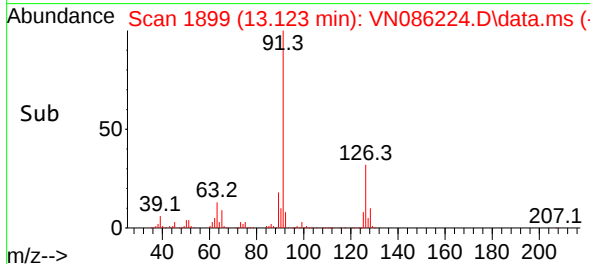
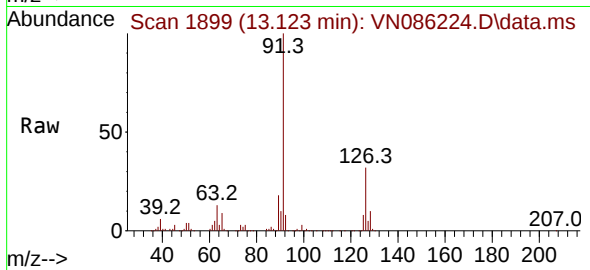
#75
2-Chlorotoluene
Concen: 241.676 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 104188
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.6

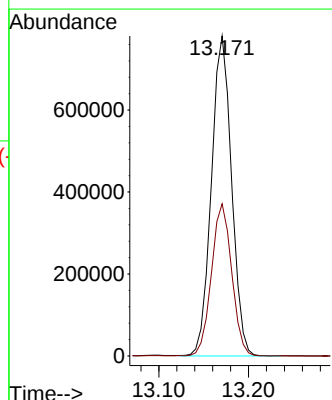
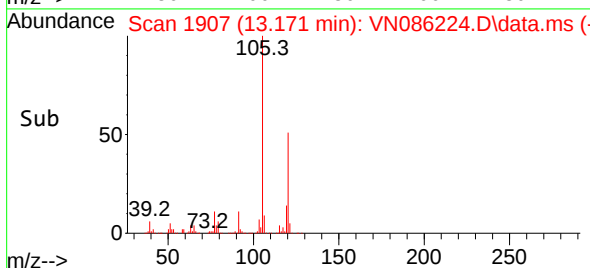
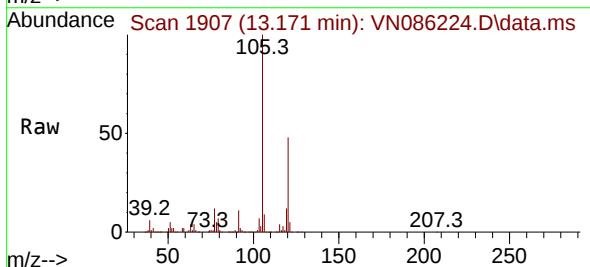
Manual Integrations
APPROVED

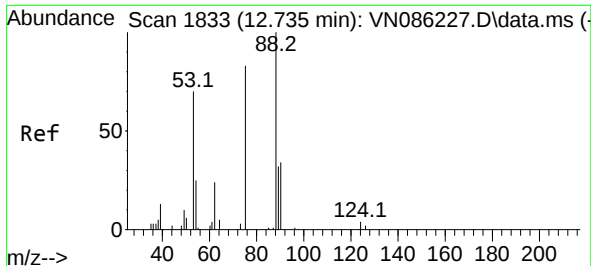
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#76
1,3,5-Trimethylbenzene
Concen: 256.022 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

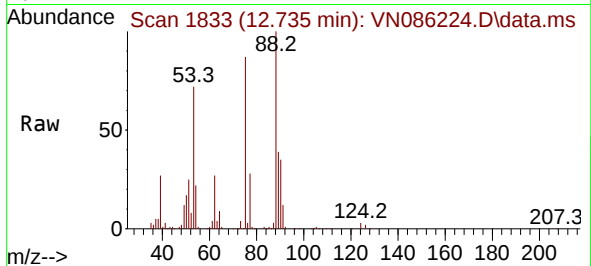
Tgt Ion:105 Resp: 1220609
Ion Ratio Lower Upper
105 100
120 47.6 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 249.004 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

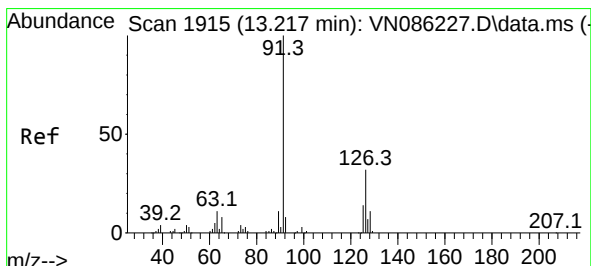
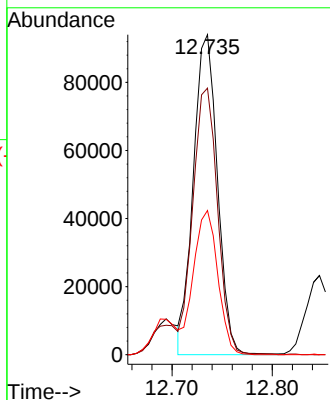
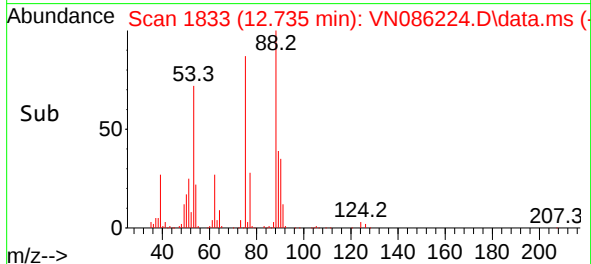
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 15728
Ion Ratio Lower Upper
75 100
53 83.5 42.0 126.0
89 45.2 21.6 65.0

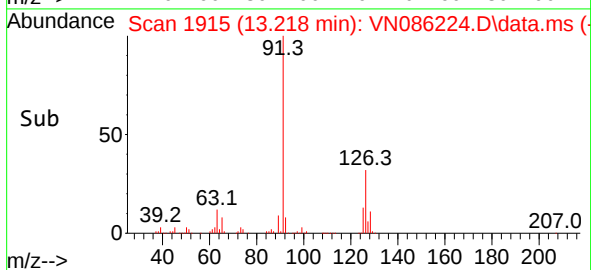
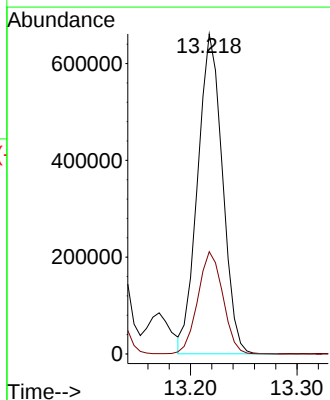
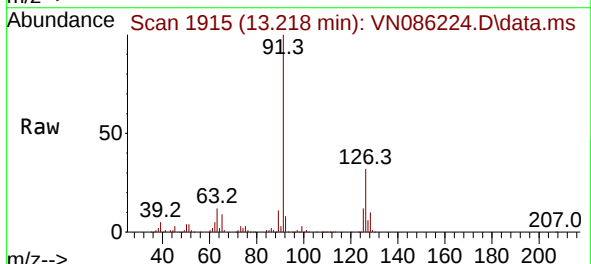
Manual Integrations
APPROVED

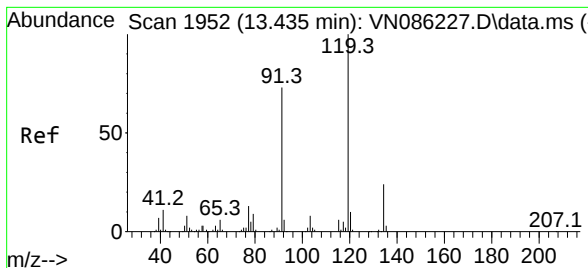
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#78
4-Chlorotoluene
Concen: 249.957 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Tgt Ion: 91 Resp: 1068638
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.4





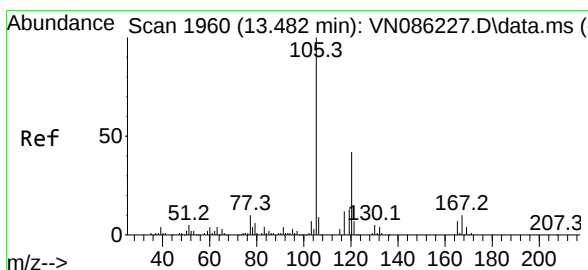
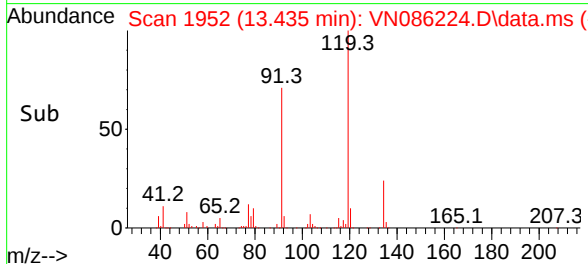
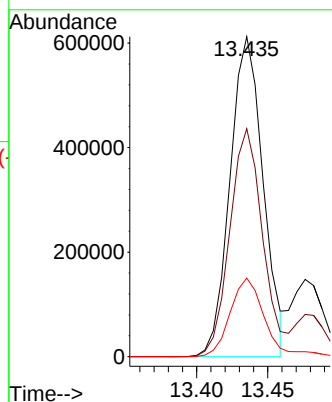
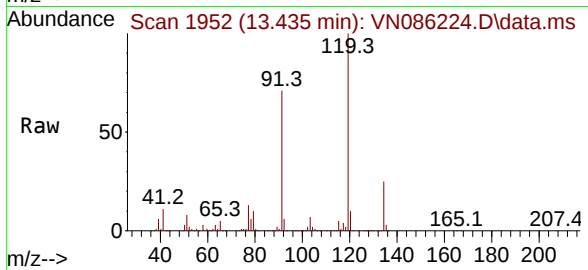
#79
tert-butylbenzene
Concen: 252.310 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 99124
Ion Ratio Lower Upper
119 100
91 71.2 0.0 138.6
134 24.7 0.0 49.2

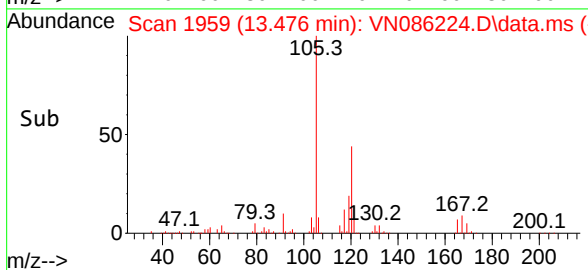
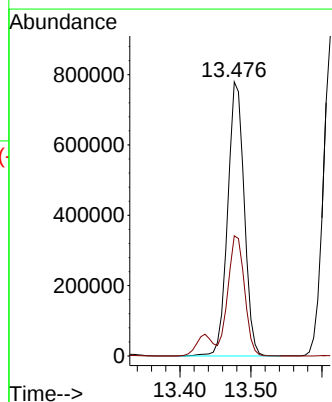
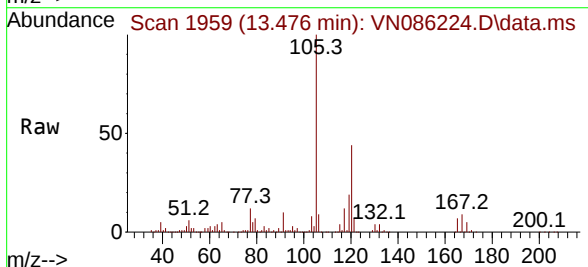
Manual Integrations
APPROVED

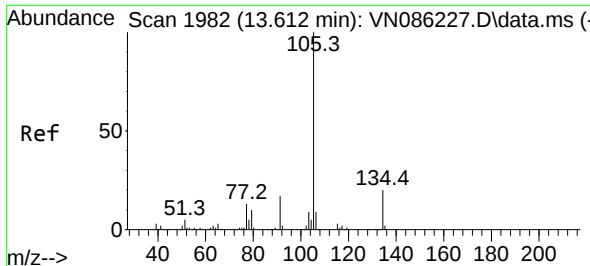
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#80
1,2,4-Trimethylbenzene
Concen: 262.921 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

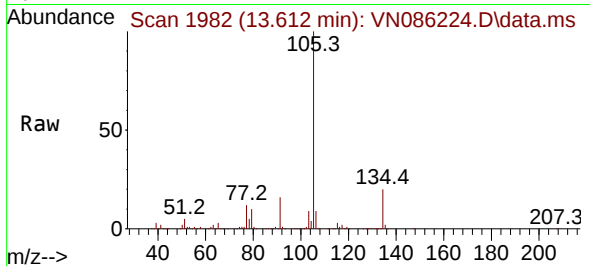
Tgt Ion:105 Resp: 1257733
Ion Ratio Lower Upper
105 100
120 43.9 0.0 86.6





#81
 sec-Butylbenzene
 Concen: 266.527 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086224.D
 Acq: 04 Apr 2025 11:14

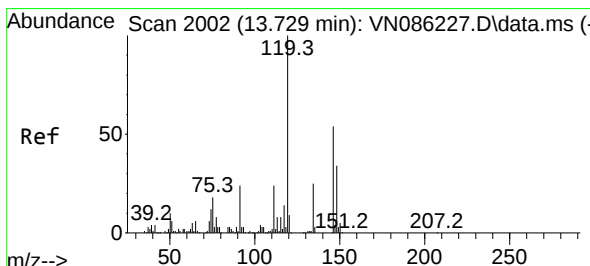
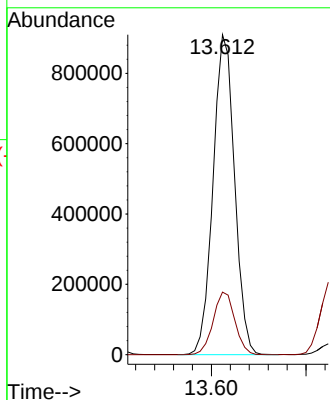
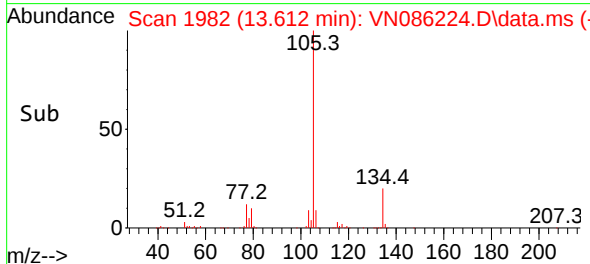
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150



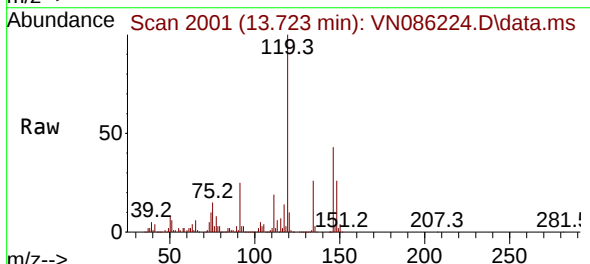
Tgt Ion:105 Resp: 143412
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.0

Manual Integrations
 APPROVED

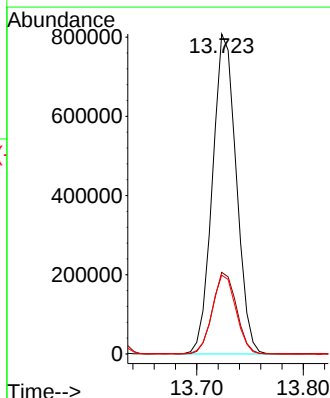
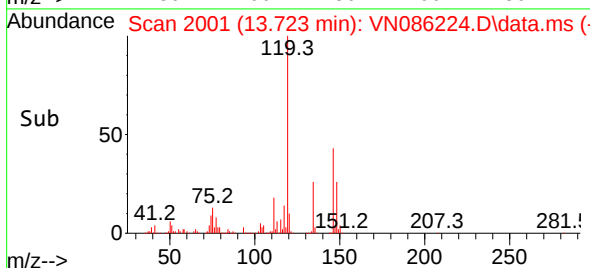
Reviewed By :John Carlone 04/07/2025
 Supervised By :Mahesh Dadoda 04/07/2025

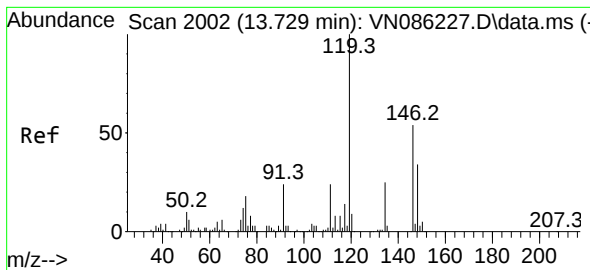


#82
 p-Isopropyltoluene
 Concen: 284.952 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086224.D
 Acq: 04 Apr 2025 11:14



Tgt Ion:119 Resp: 1254458
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.2
 91 24.6 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 252.702 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 66881

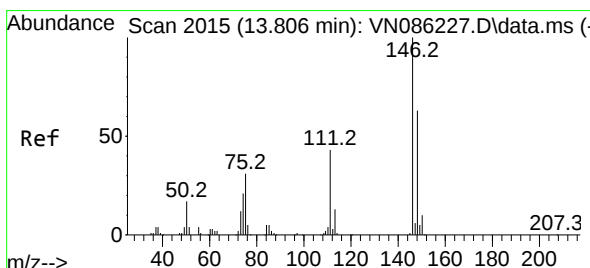
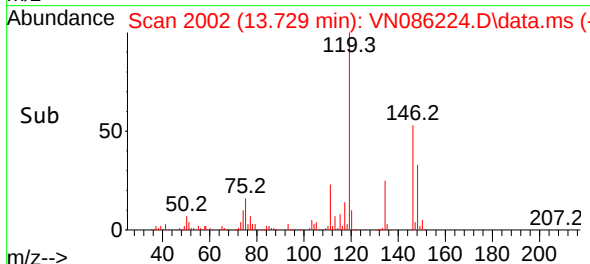
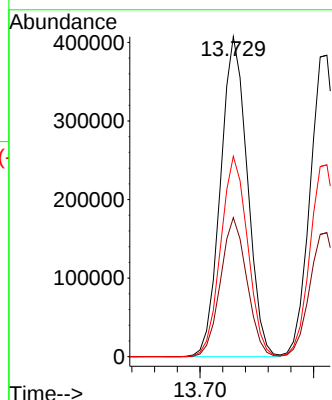
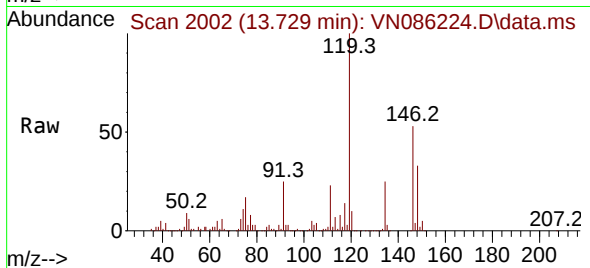
Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.4
148	62.8	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/07/2025

Supervised By :Mahesh Dadoda 04/07/2025



#84

1,4-Dichlorobenzene

Concen: 253.224 ug/l

RT: 13.812 min Scan# 2016

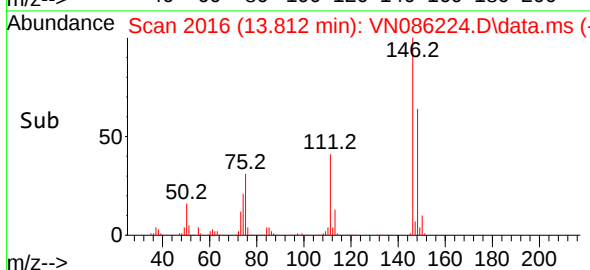
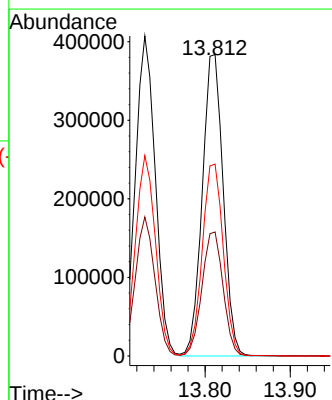
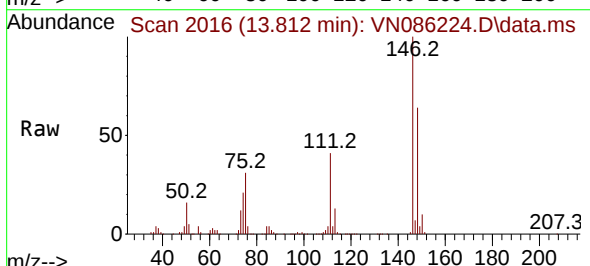
Delta R.T. 0.006 min

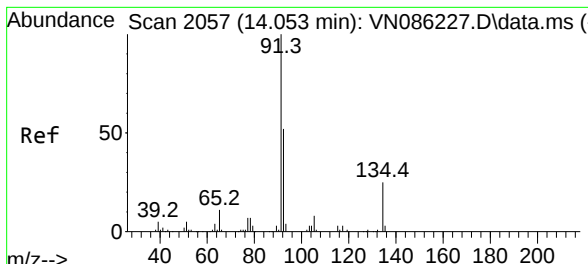
Lab File: VN086224.D

Acq: 04 Apr 2025 11:14

Tgt Ion:146 Resp: 654132

Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.4	61.3
148	64.0	31.6	94.8





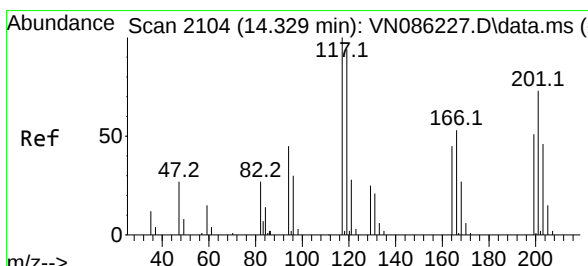
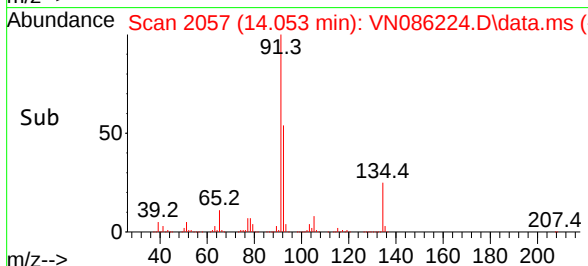
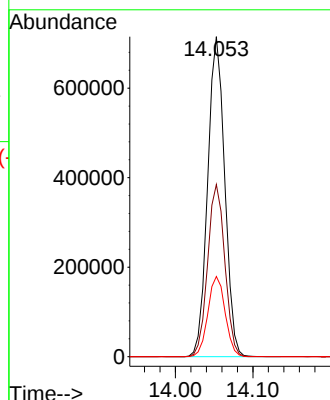
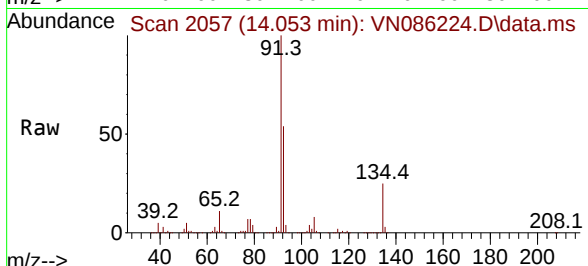
#85
n-Butylbenzene
Concen: 306.856 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 109074
Ion Ratio Lower Upper
91 100
92 54.3 0.0 106.2
134 25.4 0.0 49.8

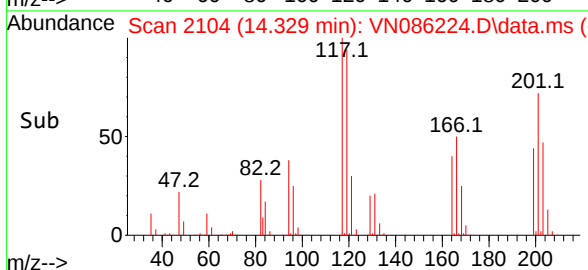
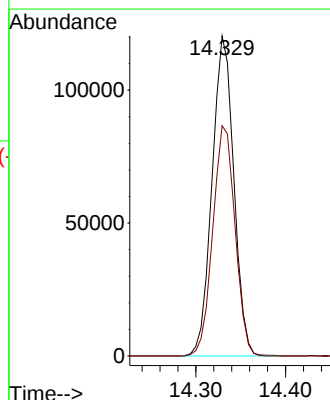
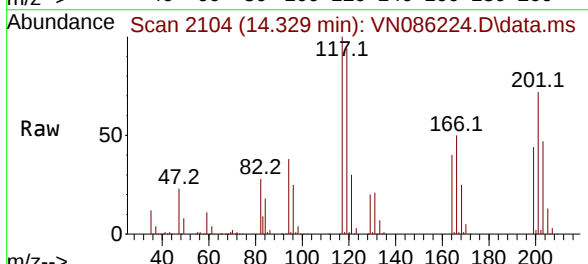
Manual Integrations
APPROVED

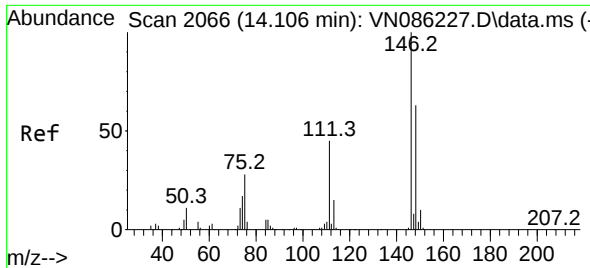
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#86
Hexachloroethane
Concen: 259.547 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Tgt Ion:117 Resp: 202477
Ion Ratio Lower Upper
117 100
201 73.6 36.4 109.2





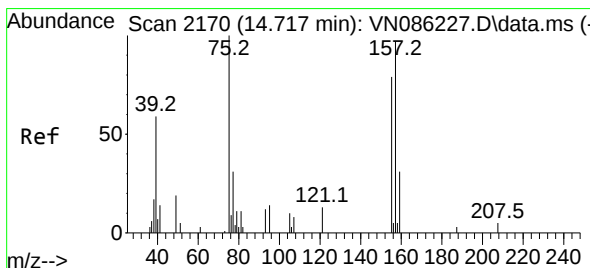
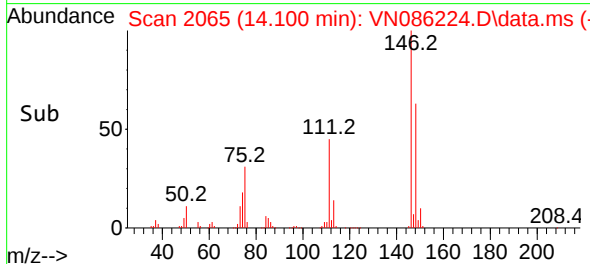
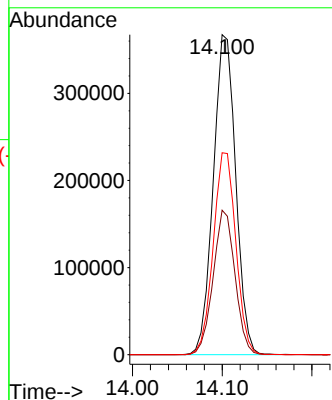
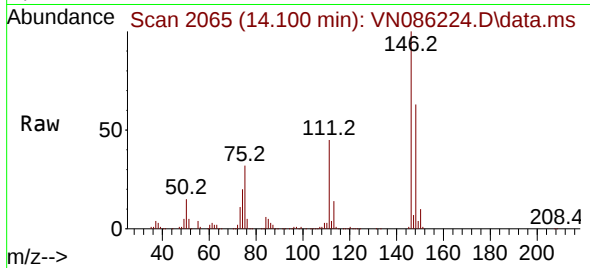
#87
1,2-Dichlorobenzene
Concen: 246.436 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:146 Resp: 63883
Ion Ratio Lower Upper
146 100
111 43.9 22.4 67.2
148 63.5 31.8 95.3

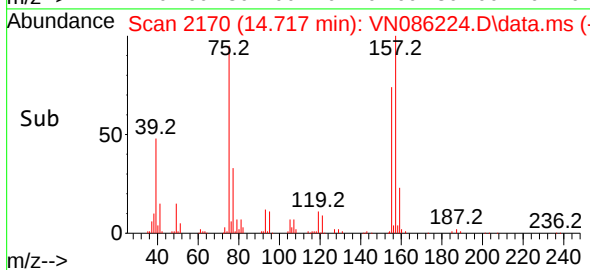
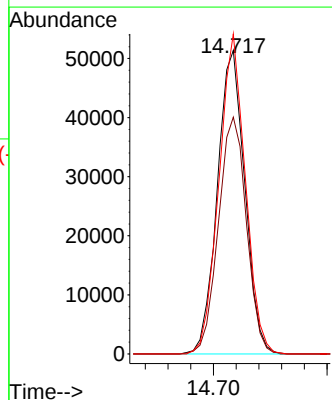
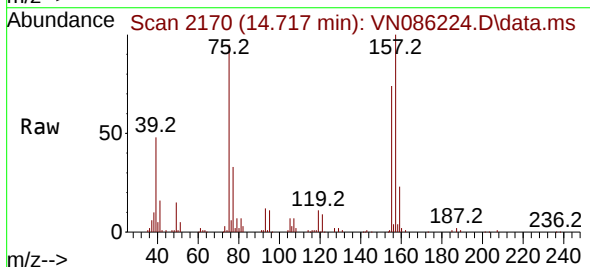
Manual Integrations
APPROVED

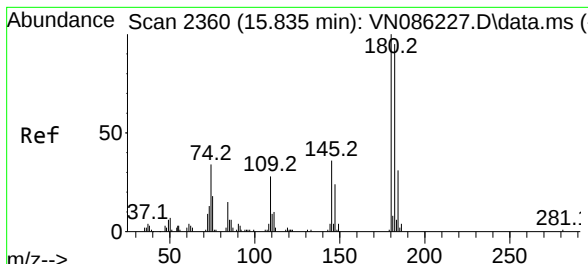
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 247.114 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

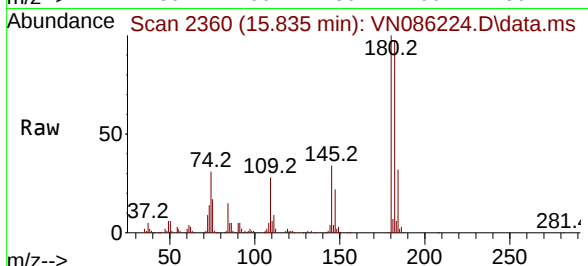
Tgt Ion: 75 Resp: 86239
Ion Ratio Lower Upper
75 100
155 79.5 63.3 94.9
157 101.2 81.3 121.9





#89
1,2,4-Trichlorobenzene
Concen: 279.149 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

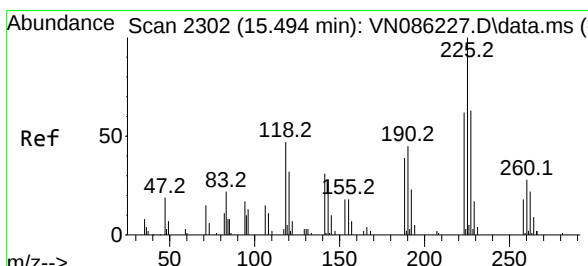
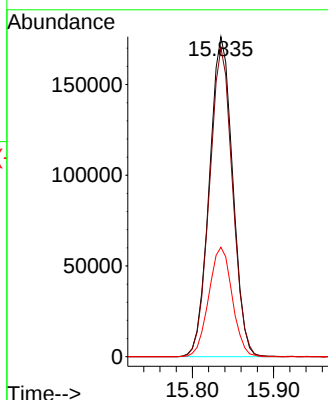
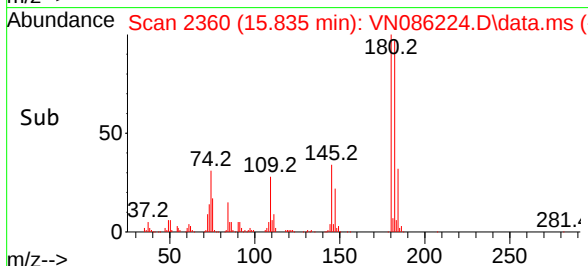
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150



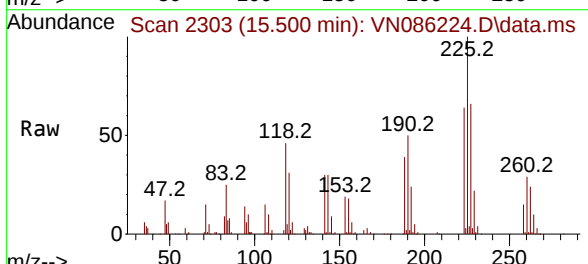
Tgt Ion:180 Resp: 35204
Ion Ratio Lower Upper
180 100
182 95.4 78.6 117.8
145 34.3 27.8 41.6

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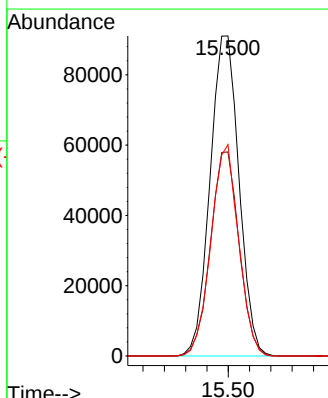
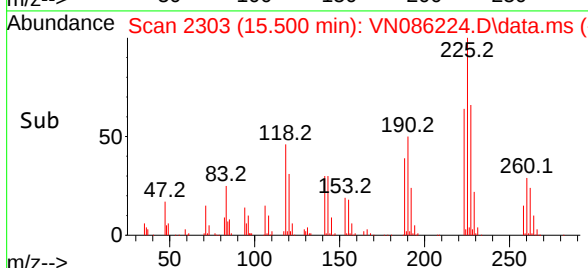
Reviewed By :John Carlone 04/07/2025
Supervised By :Mahesh Dadoda 04/07/2025

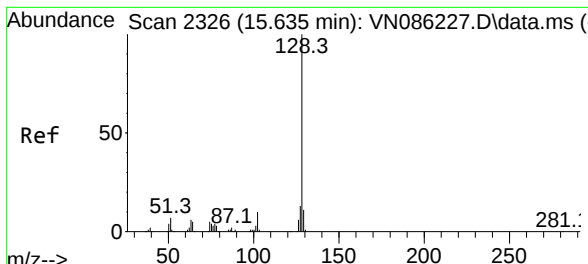


#90
Hexachlorobutadiene
Concen: 248.374 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14



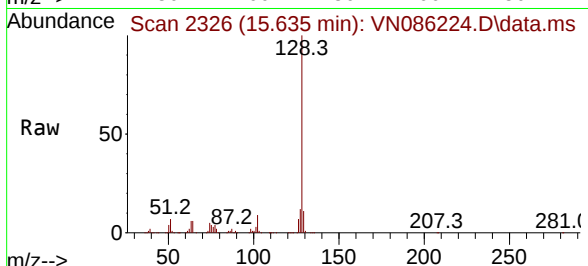
Tgt Ion:225 Resp: 171707
Ion Ratio Lower Upper
225 100
223 63.2 0.0 126.2
227 63.0 0.0 124.6





#91
Naphthalene
Concen: 293.362 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

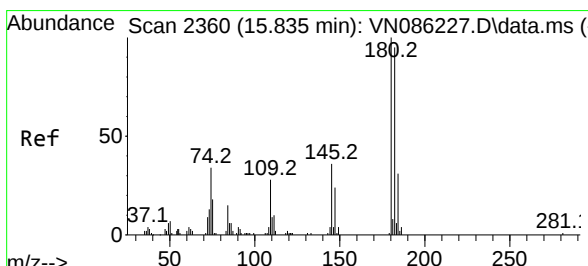
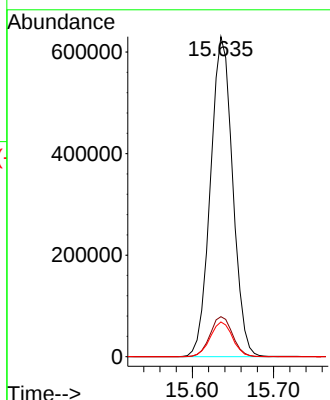
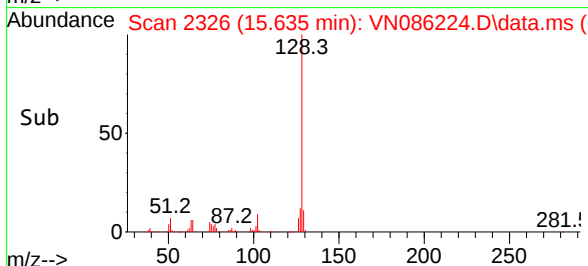
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 1199060
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 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: 279.149 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086224.D
Acq: 04 Apr 2025 11:14

Tgt Ion:180 Resp: 352047
Ion Ratio Lower Upper
180 100
182 95.4 0.0 196.4
145 34.3 0.0 69.4

