

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086754.D
 Acq On : 22 May 2025 10:18
 Operator : JC\MD
 Sample : VN0522MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2025
 Supervised By : Mahesh Dadoda 05/23/2025

Quant Time: May 23 01:32:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	239706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	415639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	148232	44.752	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.500%		
35) Dibromofluoromethane	8.165	113	125086	50.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.060%		
50) Toluene-d8	10.565	98	507506	49.475	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.960%		
62) 4-Bromofluorobenzene	12.847	95	179316	49.508	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	47187	18.228	ug/l	95
3) Chloromethane	2.359	50	60348	15.413	ug/l	99
4) Vinyl Chloride	2.512	62	56600	16.096	ug/l	96
5) Bromomethane	2.959	94	34105	16.824	ug/l	100
6) Chloroethane	3.124	64	37345	16.212	ug/l	96
7) Trichlorofluoromethane	3.500	101	74415	17.708	ug/l	96
8) Diethyl Ether	3.959	74	33009	19.015	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	45043	17.904	ug/l	98
10) Methyl Iodide	4.583	142	54928	17.552	ug/l	94
11) Tert butyl alcohol	5.512	59	53187	88.167	ug/l	100
12) 1,1-Dichloroethene	4.342	96	46801	17.505	ug/l	91
13) Acrolein	4.177	56	56008	86.849	ug/l	100
14) Allyl chloride	5.018	41	70959	17.535	ug/l	91
15) Acrylonitrile	5.718	53	130289	87.229	ug/l	100
16) Acetone	4.424	43	96836	78.155	ug/l	97
17) Carbon Disulfide	4.712	76	121108	16.361	ug/l	98
18) Methyl Acetate	5.024	43	55630	16.042	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	167293	18.376	ug/l	99
20) Methylene Chloride	5.277	84	55101	16.852	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	48981	17.328	ug/l	95
22) Diisopropyl ether	6.665	45	155603	17.044	ug/l	98
23) Vinyl Acetate	6.600	43	568753	82.890	ug/l	96
24) 1,1-Dichloroethane	6.571	63	90144	16.817	ug/l	97
25) 2-Butanone	7.477	43	162482	84.863	ug/l	100
26) 2,2-Dichloropropane	7.494	77	77338	17.483	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	61318	17.672	ug/l	96
28) Bromochloromethane	7.812	49	41211	16.922	ug/l	88
29) Tetrahydrofuran	7.835	42	105240	84.212	ug/l	93
30) Chloroform	7.965	83	92847	17.306	ug/l	98
31) Cyclohexane	8.253	56	80251	16.143	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	79612	17.600	ug/l	94
36) 1,1-Dichloropropene	8.371	75	65671	17.986	ug/l	98
37) Ethyl Acetate	7.553	43	66114	17.926	ug/l	97
38) Carbon Tetrachloride	8.359	117	65916	18.323	ug/l	97
39) Methylcyclohexane	9.600	83	74667	18.895	ug/l	95
40) Benzene	8.600	78	218897	18.378	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	37210	18.685	ug/l	96
42) 1,2-Dichloroethane	8.671	62	66164	17.830	ug/l	97
43) Isopropyl Acetate	8.688	43	114573	15.496	ug/l	96
44) Trichloroethene	9.353	130	55704	19.390	ug/l	95
45) 1,2-Dichloropropane	9.618	63	51959	18.363	ug/l	99
46) Dibromomethane	9.706	93	36163	18.941	ug/l	96
47) Bromodichloromethane	9.888	83	72372	18.397	ug/l	97
48) Methyl methacrylate	9.677	41	50648	17.678	ug/l	92
49) 1,4-Dioxane	9.688	88	25013	412.296	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	326938	87.684	ug/l	97
52) Toluene	10.629	92	138095	18.654	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	78628	18.878	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	84834	18.659	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	51084	18.499	ug/l	97
56) Ethyl methacrylate	10.871	69	84742	19.113	ug/l	94
57) 1,3-Dichloropropane	11.159	76	88764	18.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	195491	98.653	ug/l	97
59) 2-Hexanone	11.194	43	240187	88.212	ug/l	97
60) Dibromochloromethane	11.359	129	56854	19.645	ug/l	99
61) 1,2-Dibromoethane	11.465	107	52084	18.769	ug/l	98
64) Tetrachloroethene	11.100	164	57713	20.524	ug/l	95
65) Chlorobenzene	11.888	112	153127	19.024	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	49254	18.955	ug/l	98
67) Ethyl Benzene	11.959	91	255233	18.512	ug/l	99
68) m/p-Xylenes	12.070	106	201636	38.612	ug/l	96
69) o-Xylene	12.394	106	99582	19.181	ug/l	98
70) Styrene	12.406	104	163486	19.234	ug/l	99
71) Bromoform	12.576	173	37837	20.474	ug/l #	97
73) Isopropylbenzene	12.694	105	232972	17.650	ug/l	100
74) N-amyl acetate	12.488	43	88180	15.990	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	69704	17.189	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	67500m	17.464	ug/l	
77) Bromobenzene	12.976	156	58709	17.682	ug/l	96
78) n-propylbenzene	13.035	91	269787	17.811	ug/l	98
79) 2-Chlorotoluene	13.123	91	175534	17.823	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	192948	18.246	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	29057	18.973	ug/l	96
82) 4-Chlorotoluene	13.217	91	173825	17.814	ug/l	100
83) tert-Butylbenzene	13.435	119	171618	18.609	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	193619	18.386	ug/l	100
85) sec-Butylbenzene	13.612	105	229971	18.597	ug/l	100
86) p-Isopropyltoluene	13.723	119	194269	19.166	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	108014	18.787	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	109941	19.300	ug/l	99
89) n-Butylbenzene	14.053	91	159921	19.032	ug/l	99
90) Hexachloroethane	14.329	117	31070	18.475	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	105818	19.350	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12753	18.984	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	47418	20.542	ug/l	98
94) Hexachlorobutadiene	15.500	225	20349	21.248	ug/l	97
95) Naphthalene	15.641	128	165106	20.600	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	46335	20.497	ug/l	99

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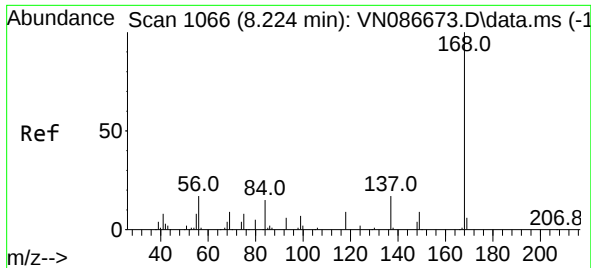
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/23/2025

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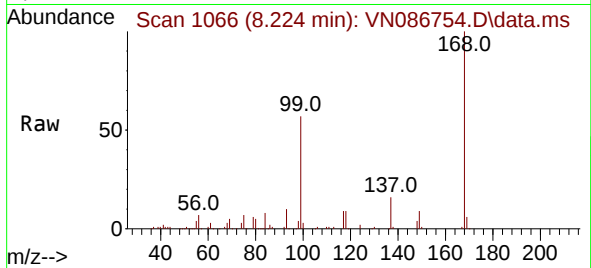
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

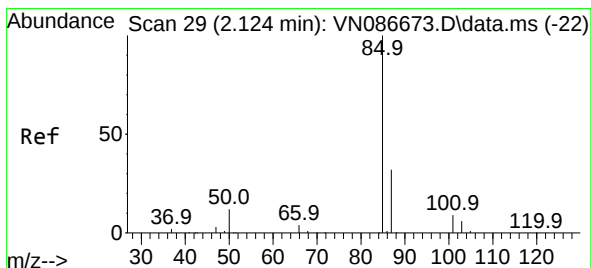
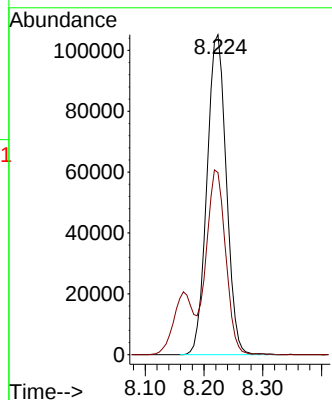
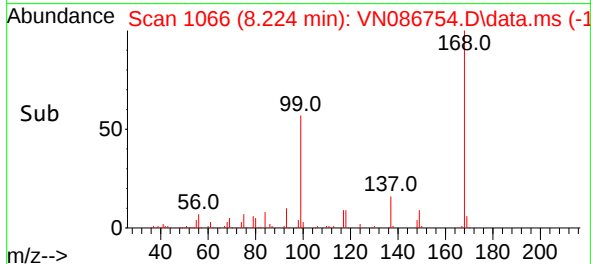
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion:168 Resp: 239700
Ion Ratio Lower Upper
168 100
99 56.9 47.0 70.4

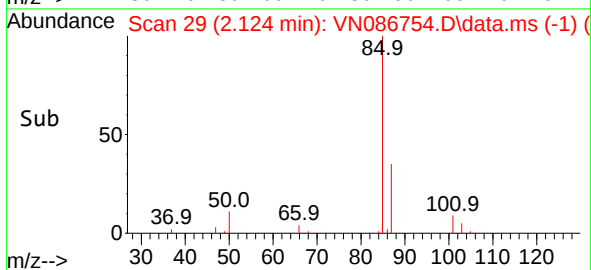
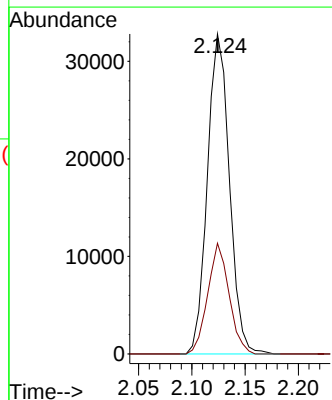
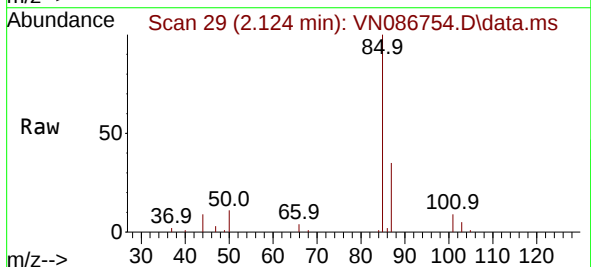
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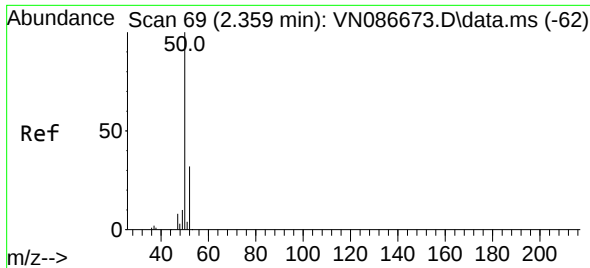
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#2
Dichlorodifluoromethane
Concen: 18.228 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

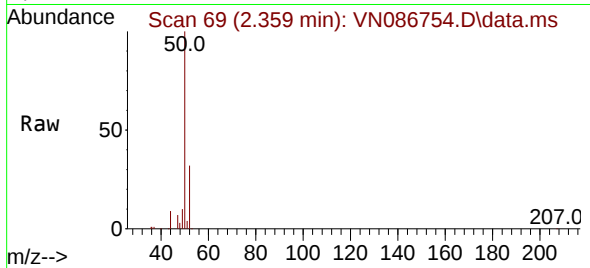
Tgt Ion: 85 Resp: 47187
Ion Ratio Lower Upper
85 100
87 34.6 15.9 47.6





#3
Chloromethane
Concen: 15.413 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

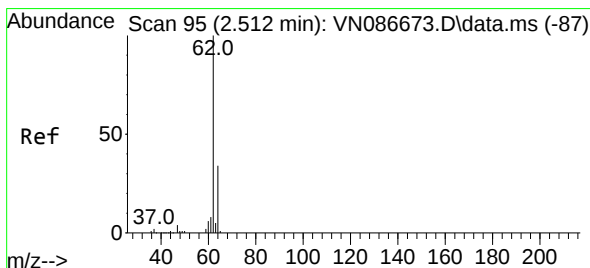
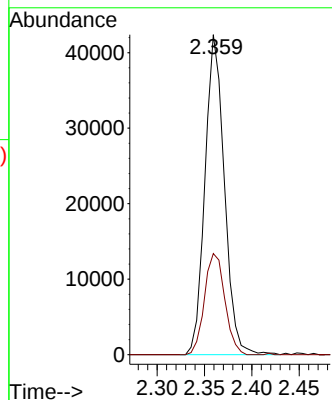
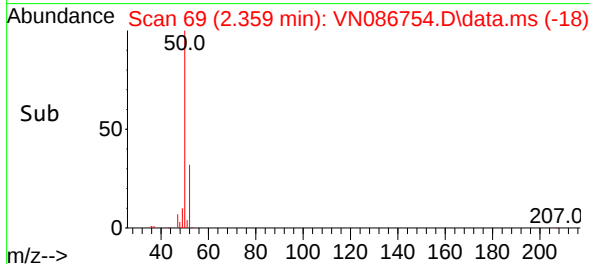
Instrument :
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Tgt Ion: 50 Resp: 60348
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9

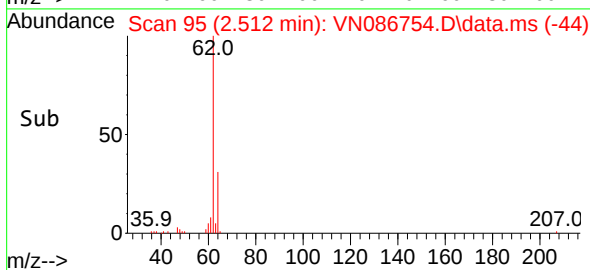
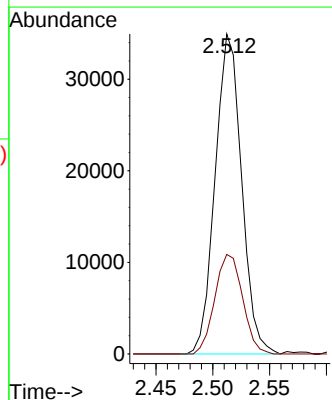
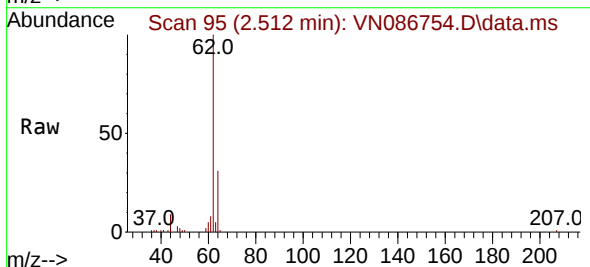
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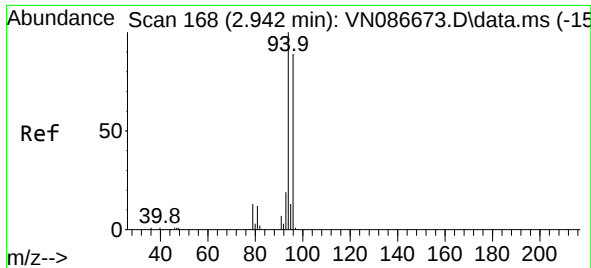
Reviewed By :John Carlone 05/23/2025
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#4
Vinyl Chloride
Concen: 16.096 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086754.D
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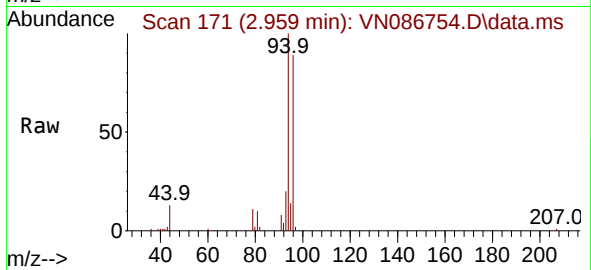
Tgt Ion: 62 Resp: 56600
Ion Ratio Lower Upper
62 100
64 31.1 26.9 40.3





#5
Bromomethane
Concen: 16.824 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

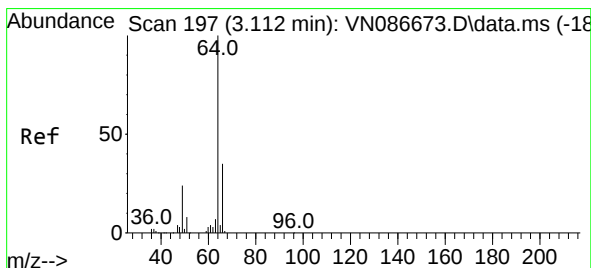
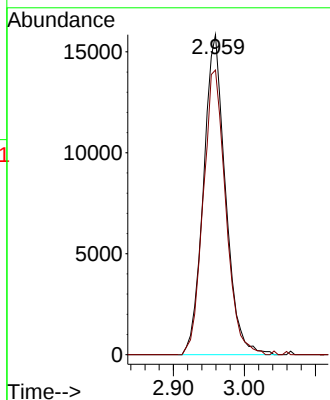
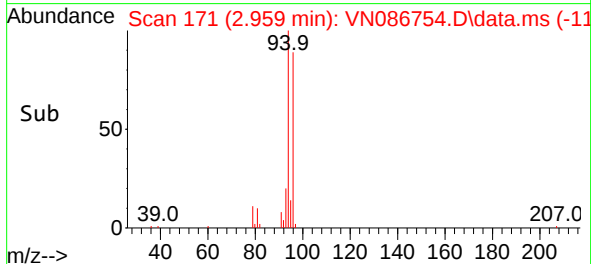
Instrument :
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Tgt Ion: 94 Resp: 3410
Ion Ratio Lower Upper
94 100
96 88.9 71.2 106.8

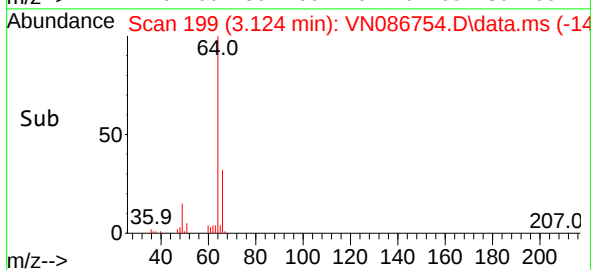
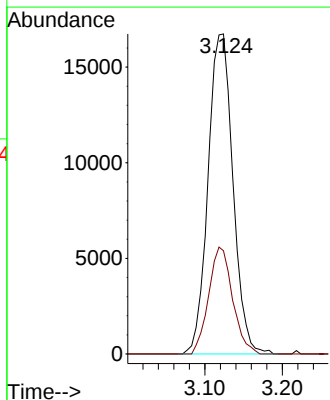
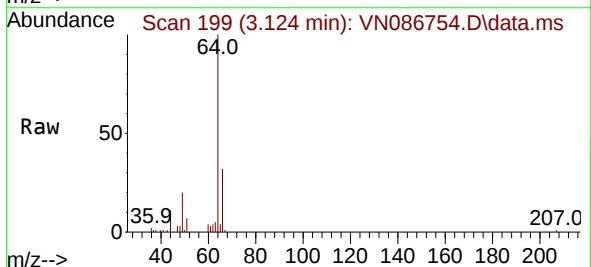
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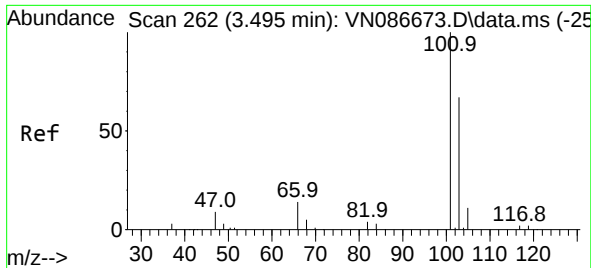
Reviewed By :John Carlone 05/23/2025
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#6
Chloroethane
Concen: 16.212 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
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Acq: 22 May 2025 10:18

Tgt Ion: 64 Resp: 37345
Ion Ratio Lower Upper
64 100
66 32.3 27.7 41.5





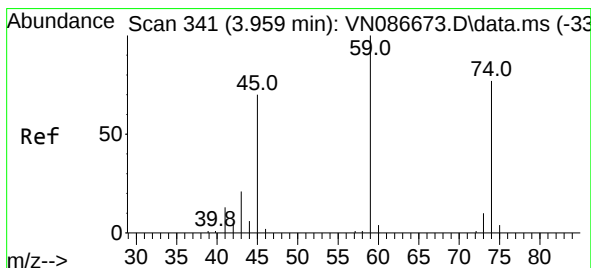
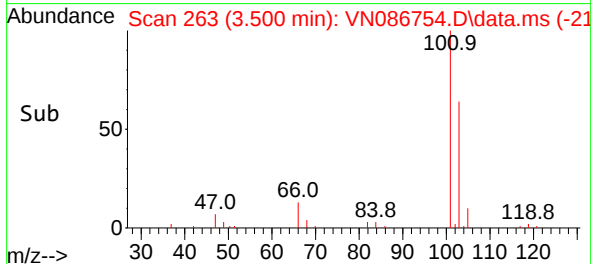
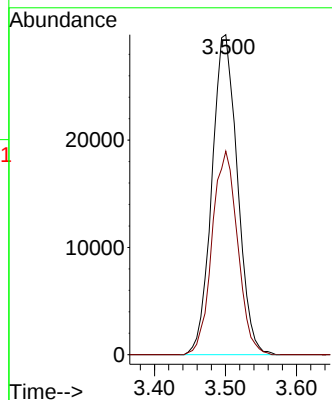
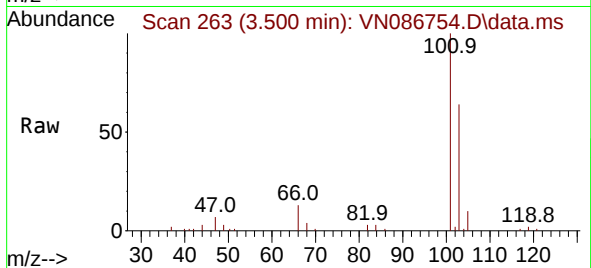
#7
Trichlorofluoromethane
Concen: 17.708 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 7441
Ion Ratio Lower Upper
101 100
103 63.6 53.4 80.0

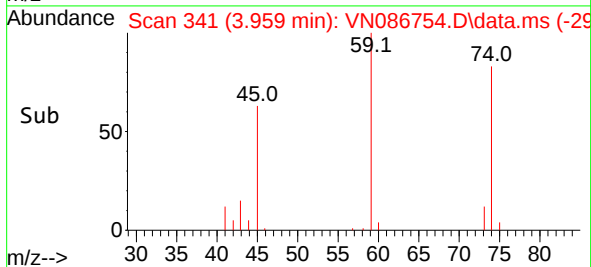
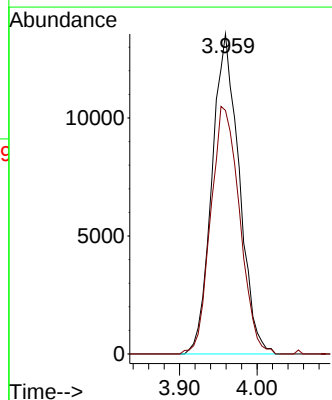
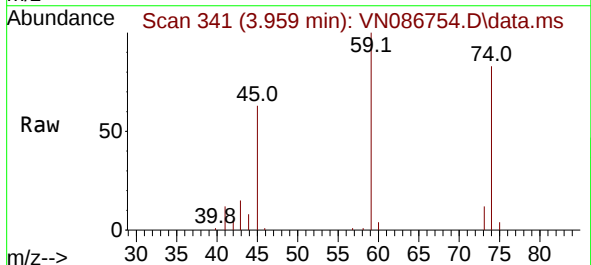
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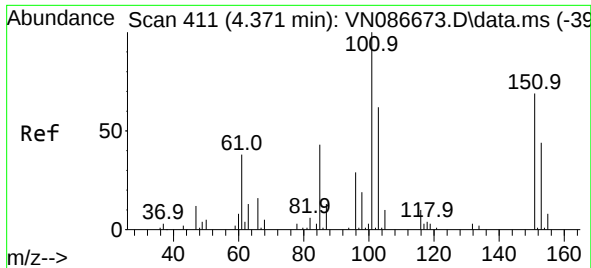
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#8
Diethyl Ether
Concen: 19.015 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 74 Resp: 33009
Ion Ratio Lower Upper
74 100
45 82.2 45.0 135.0





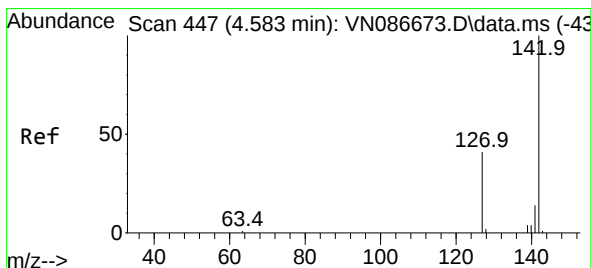
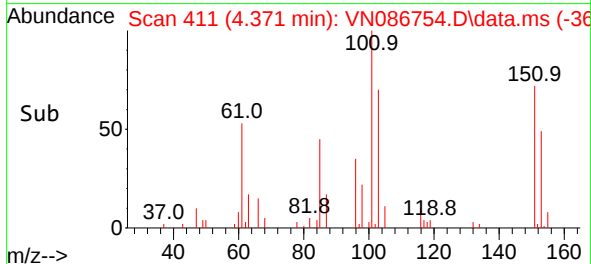
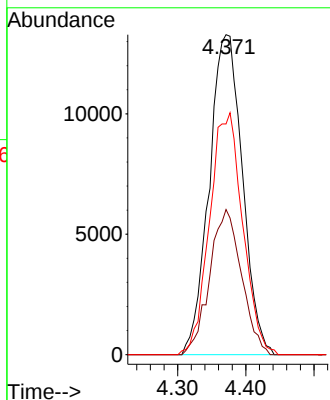
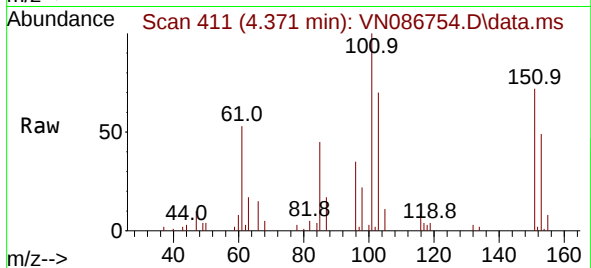
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.904 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion:101 Resp: 4504
Ion Ratio Lower Upper
101 100
85 43.5 35.0 52.6
151 75.3 58.1 87.1

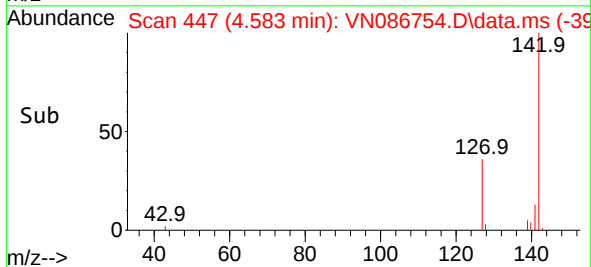
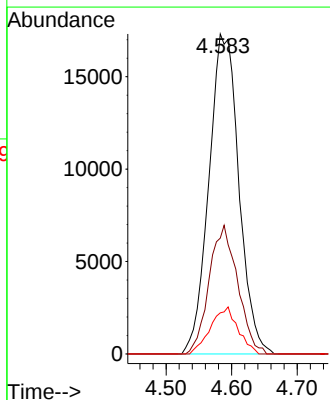
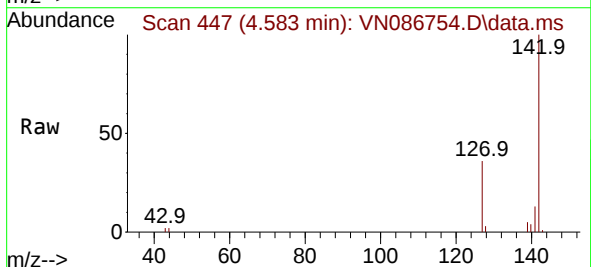
Manual Integrations
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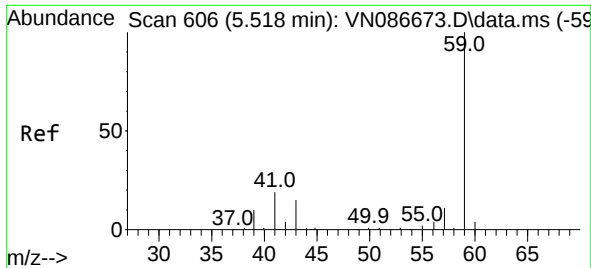
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#10
Methyl Iodide
Concen: 17.552 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:142 Resp: 54928
Ion Ratio Lower Upper
142 100
127 36.2 32.4 48.6
141 12.8 11.4 17.2





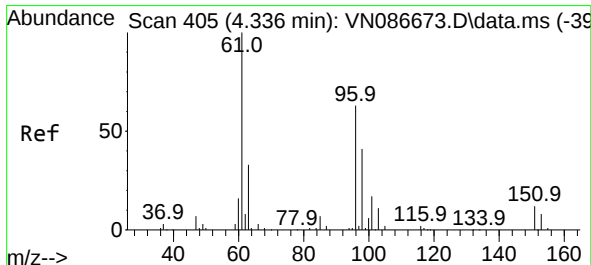
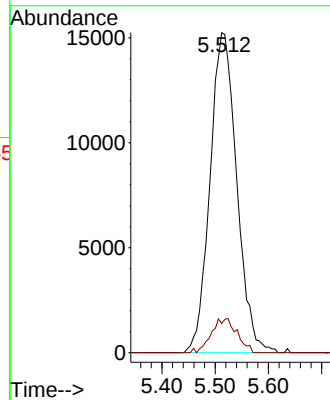
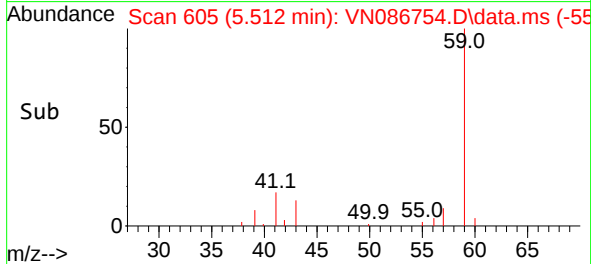
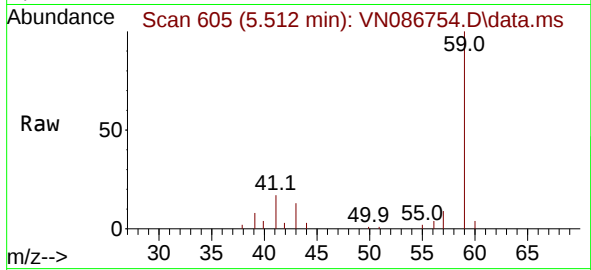
#11
Tert butyl alcohol
Concen: 88.167 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion: 59 Resp: 5318
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

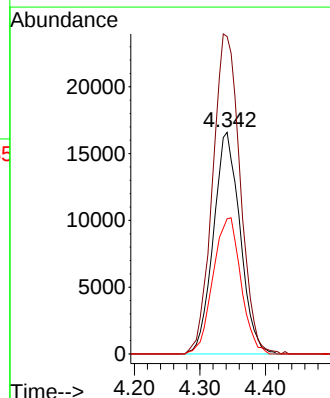
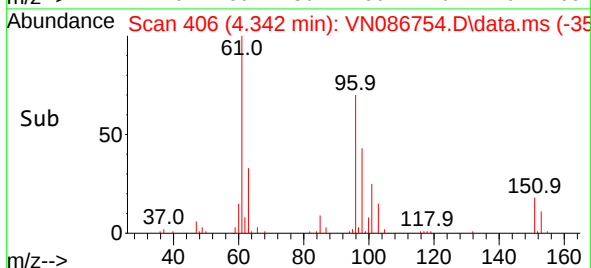
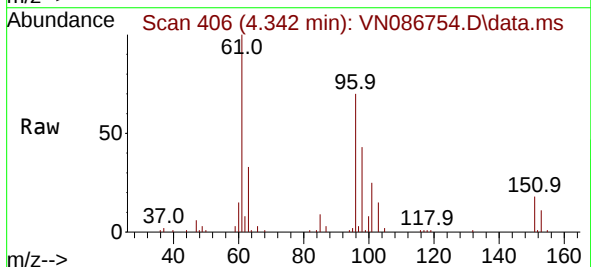
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#12
1,1-Dichloroethene
Concen: 17.505 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 96 Resp: 46801
Ion Ratio Lower Upper
96 100
61 143.2 126.2 189.2
98 61.0 51.5 77.3





#13

Acrolein

Concen: 86.849 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

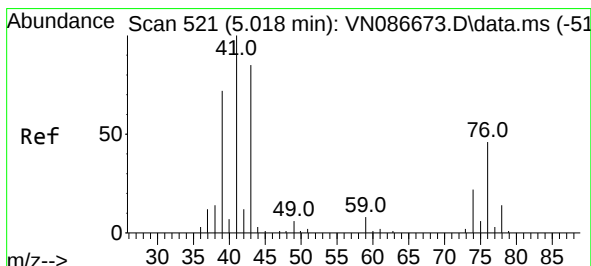
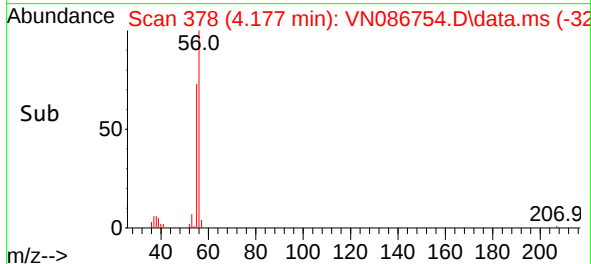
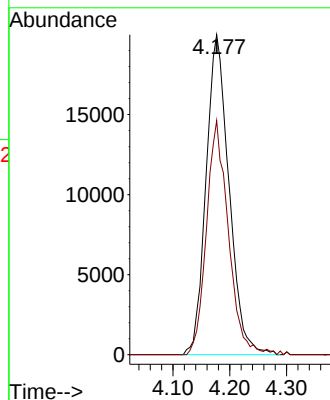
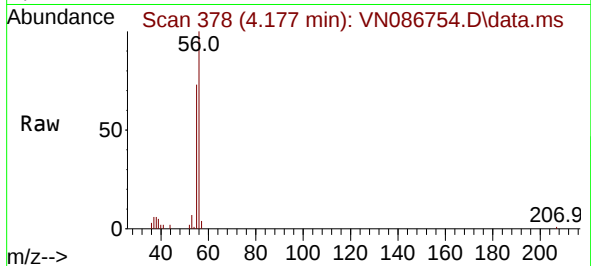
VN0522MBS01

Tgt Ion: 56 Resp: 56008
 Ion Ratio Lower Upper
 56 100
 55 69.3 55.7 83.5

Manual Integrations

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Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#14

Allyl chloride

Concen: 17.535 ug/l

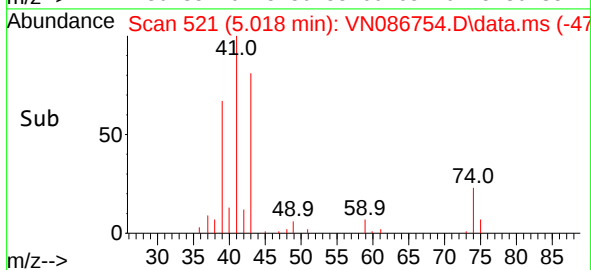
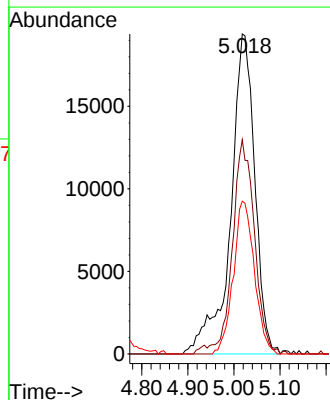
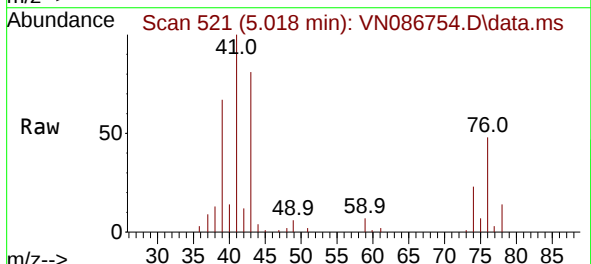
RT: 5.018 min Scan# 521

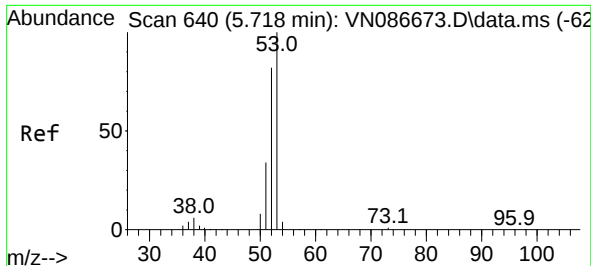
Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

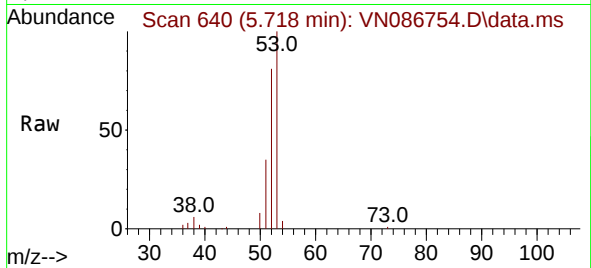
Tgt Ion: 41 Resp: 70959
 Ion Ratio Lower Upper
 41 100
 39 60.2 57.4 86.0
 76 41.5 33.2 49.8





#15
Acrylonitrile
Concen: 87.229 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

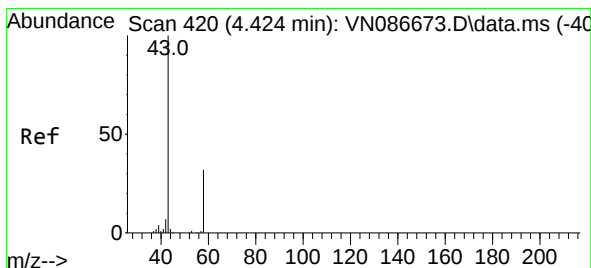
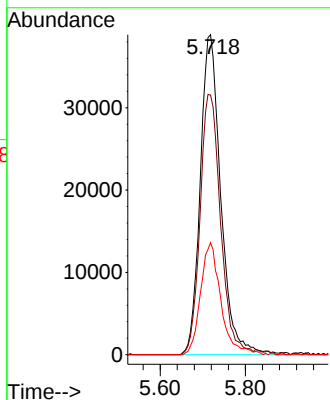
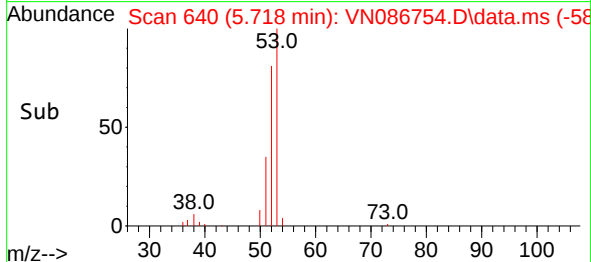
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion: 53 Resp: 130289
Ion Ratio Lower Upper
53 100
52 81.5 65.4 98.2
51 34.6 27.9 41.9

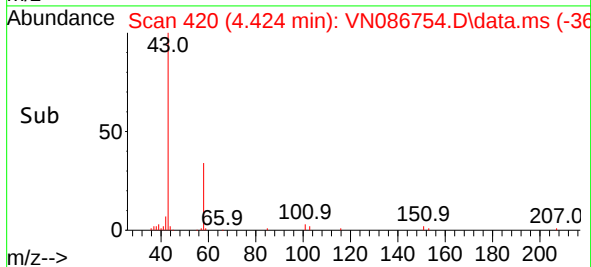
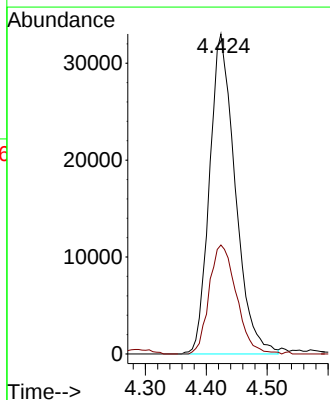
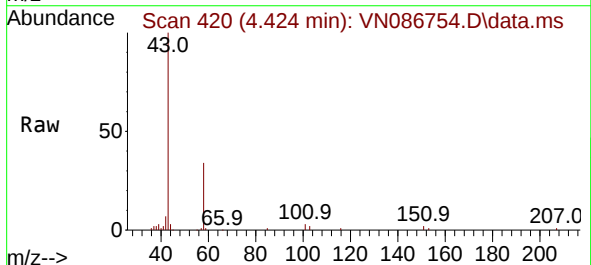
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#16
Acetone
Concen: 78.155 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

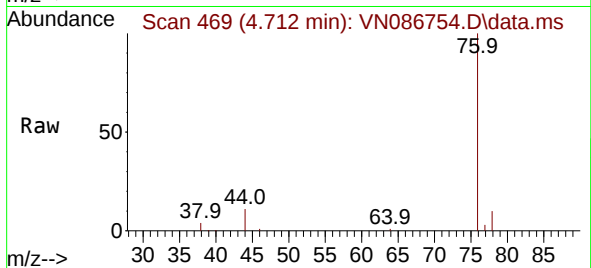
Tgt Ion: 43 Resp: 96836
Ion Ratio Lower Upper
43 100
58 34.1 25.8 38.6





#17
Carbon Disulfide
Concen: 16.361 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

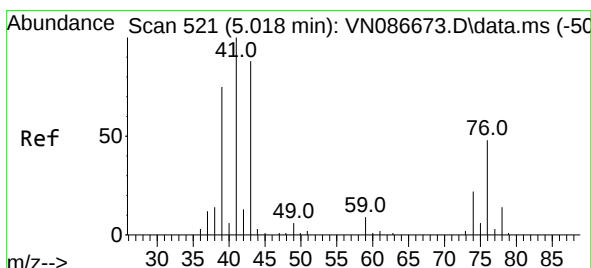
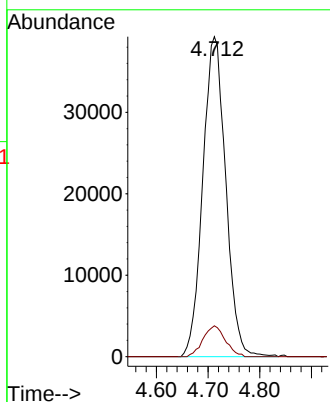
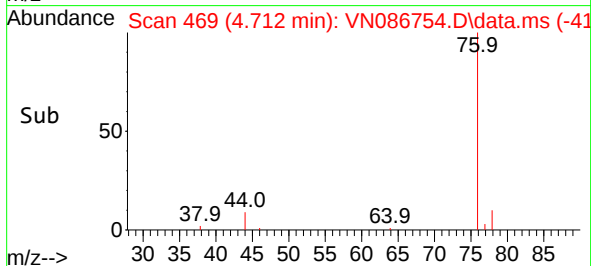
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion: 76 Resp: 121108
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9

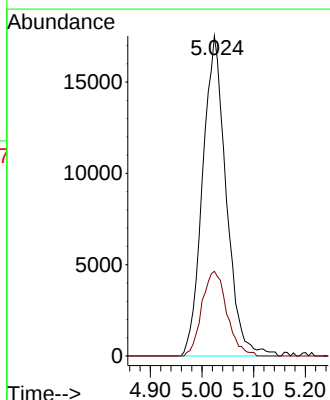
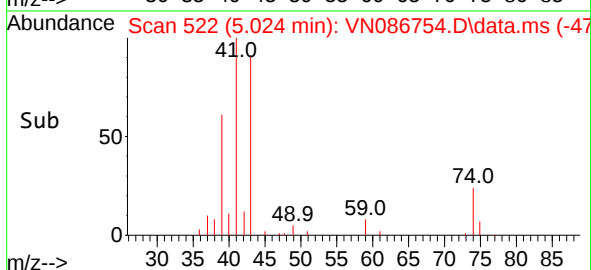
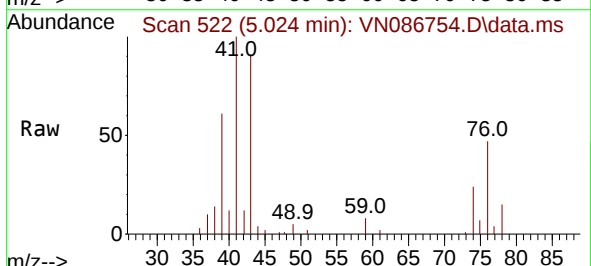
Manual Integrations
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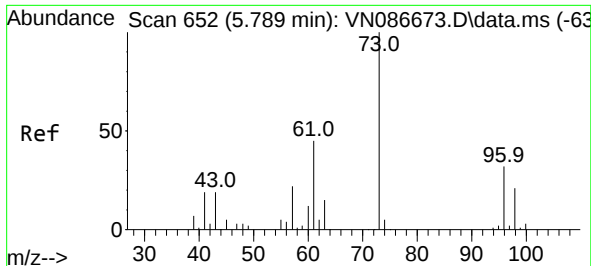
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#18
Methyl Acetate
Concen: 16.042 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 43 Resp: 55630
Ion Ratio Lower Upper
43 100
74 28.0 20.5 30.7





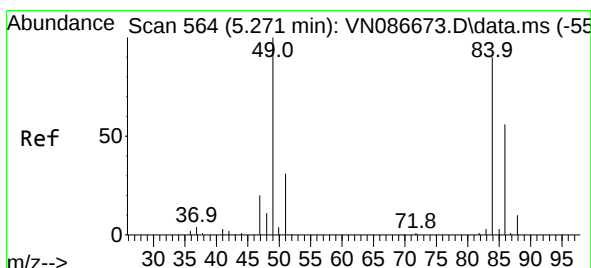
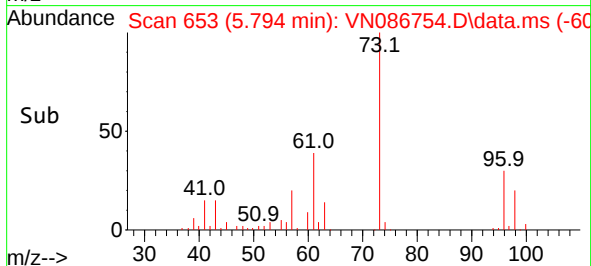
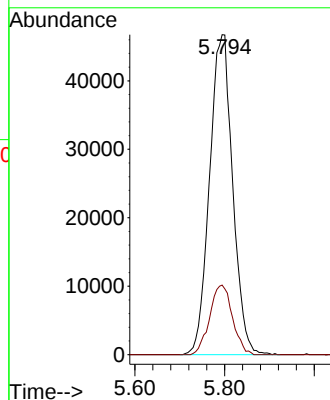
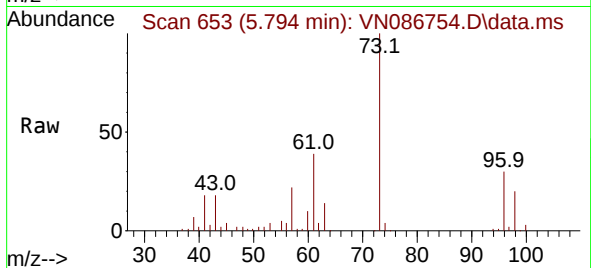
#19
Methyl tert-butyl Ether
Concen: 18.376 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion: 73 Resp: 16729
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

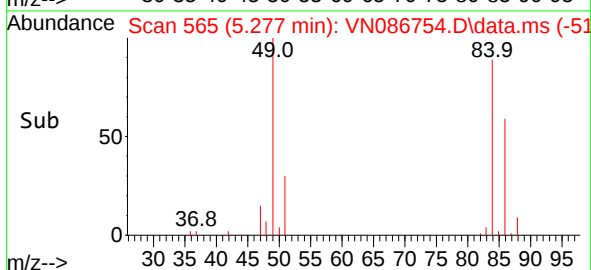
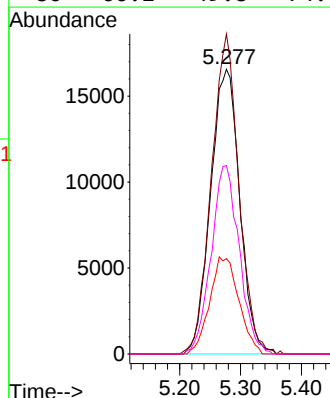
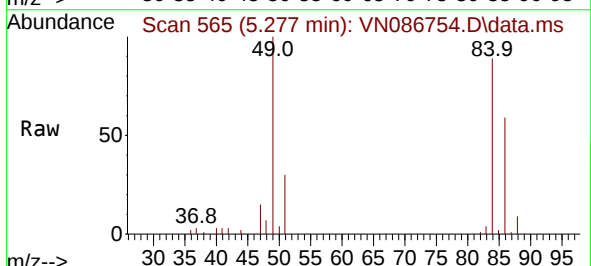
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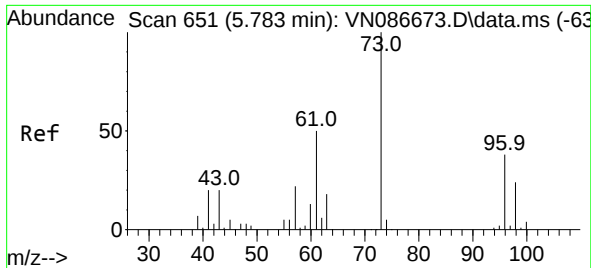
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#20
Methylene Chloride
Concen: 16.852 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

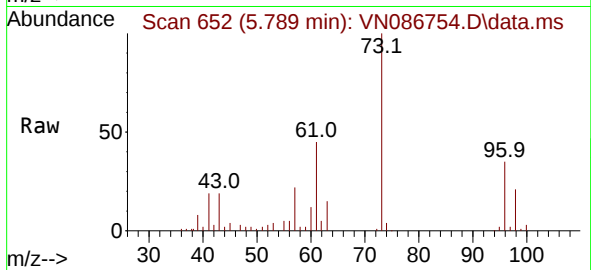
Tgt Ion: 84 Resp: 55101
Ion Ratio Lower Upper
84 100
49 112.4 88.8 133.2
51 33.5 27.8 41.6
86 66.2 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 17.328 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

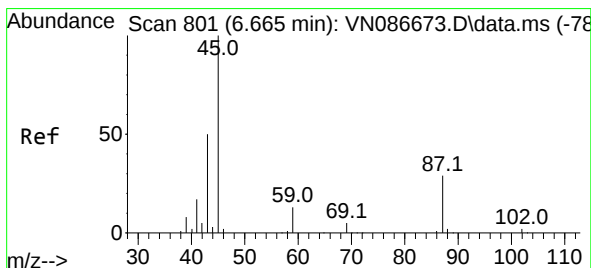
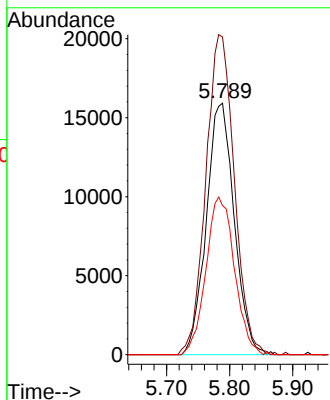
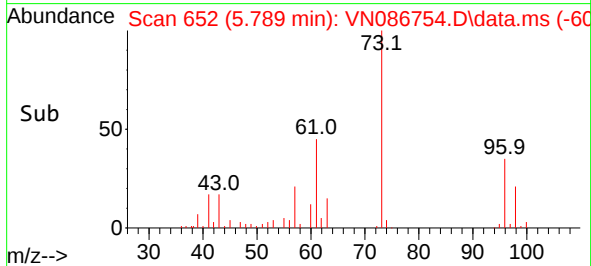
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion: 96 Resp: 4898
Ion Ratio Lower Upper
96 100
61 126.3 105.7 158.5
98 59.3 51.0 76.6

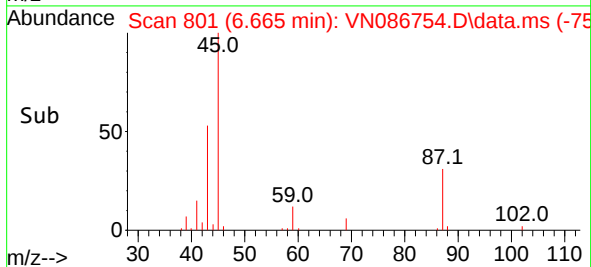
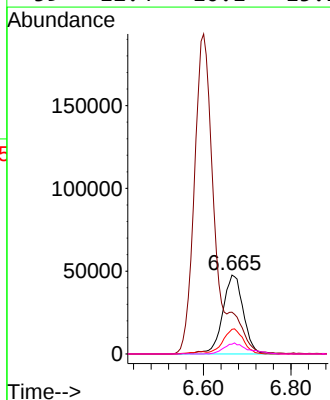
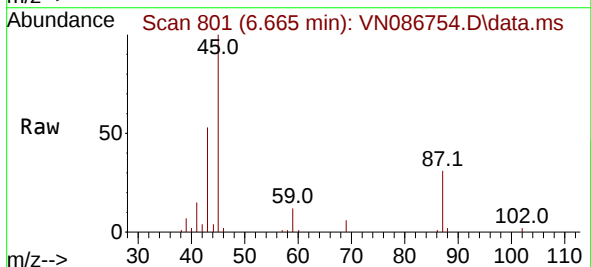
Manual Integrations
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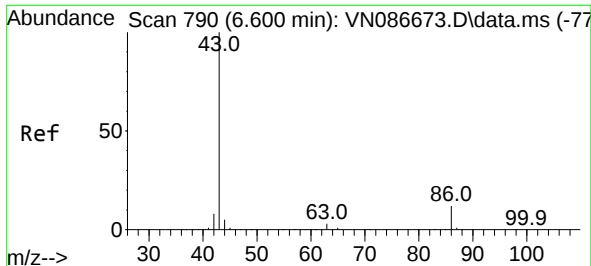
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#22
Diisopropyl ether
Concen: 17.044 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 45 Resp: 155603
Ion Ratio Lower Upper
45 100
43 51.5 41.4 62.2
87 31.2 22.9 34.3
59 12.4 10.1 15.1





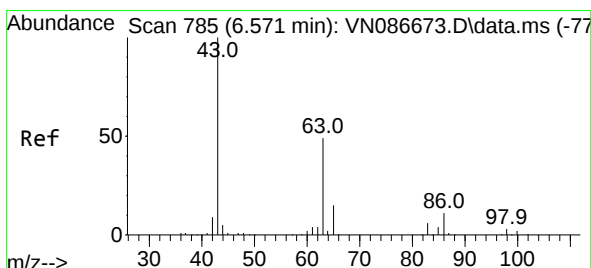
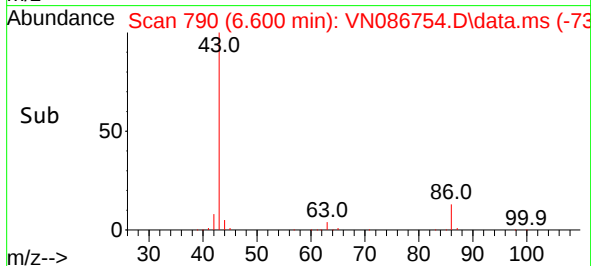
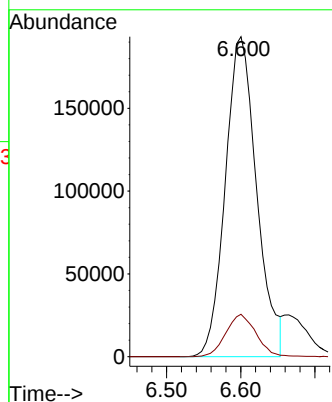
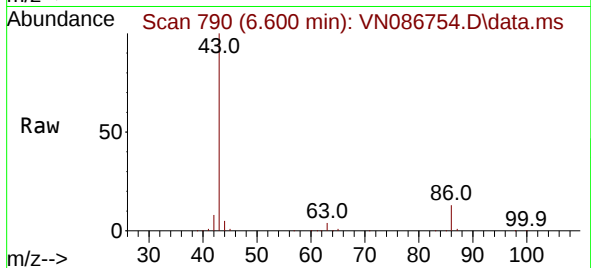
#23
 Vinyl Acetate
 Concen: 82.890 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBS01

Tgt Ion: 43 Resp: 56875
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.5 14.3

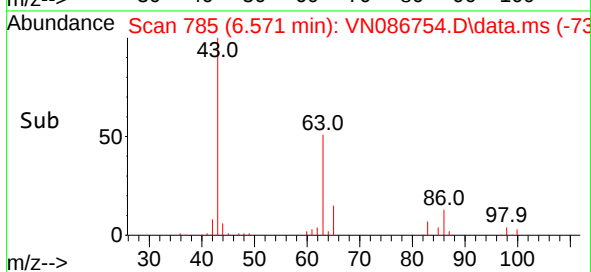
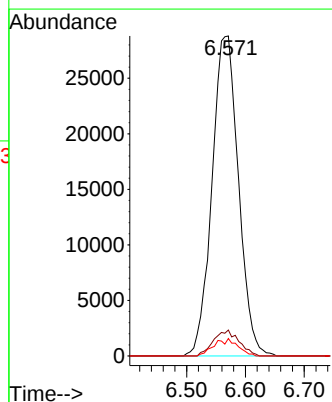
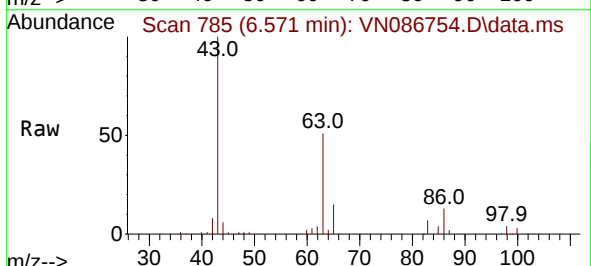
Manual Integrations
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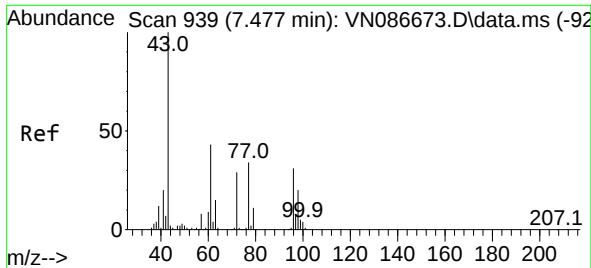
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#24
 1,1-Dichloroethane
 Concen: 16.817 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

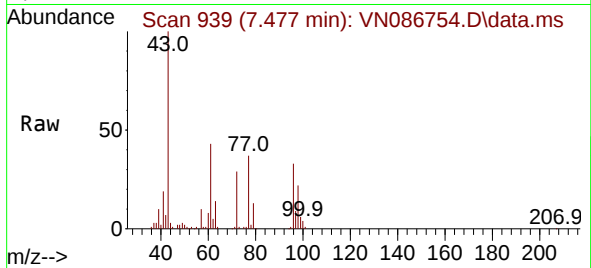
Tgt Ion: 63 Resp: 90144
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.4 10.2
 100 5.4 2.4 7.1





#25
2-Butanone
Concen: 84.863 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

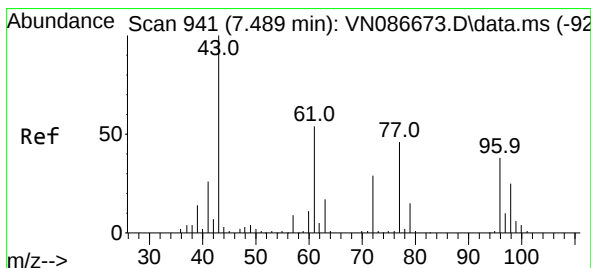
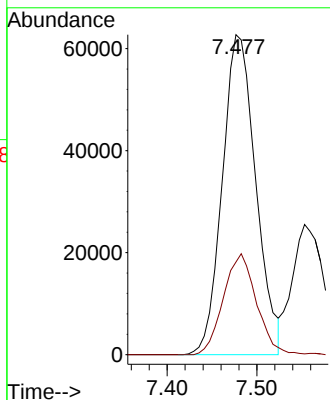
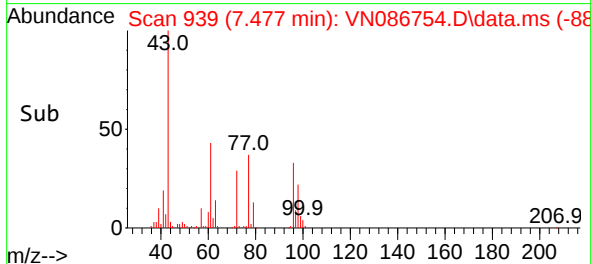
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



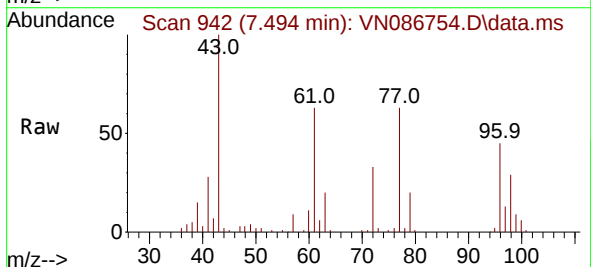
Tgt Ion: 43 Resp: 16248
Ion Ratio Lower Upper
43 100
72 28.9 23.1 34.7

Manual Integrations
APPROVED

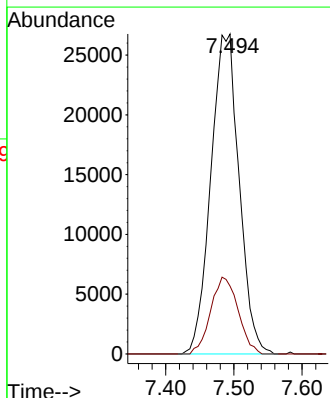
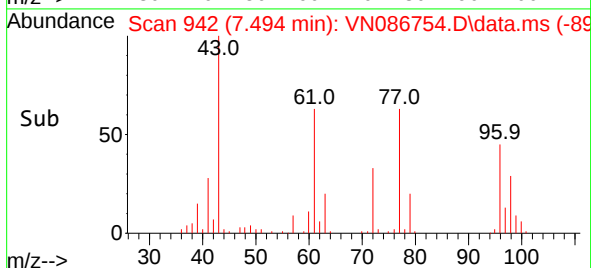
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

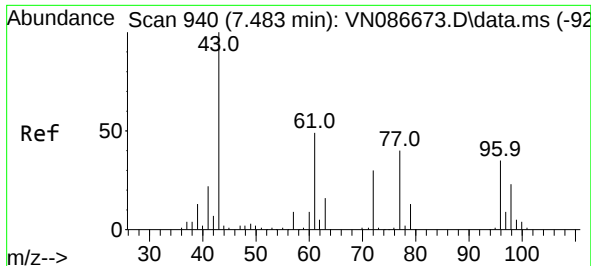


#26
2,2-Dichloropropane
Concen: 17.483 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18



Tgt Ion: 77 Resp: 77338
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 17.672 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

Tgt Ion: 96 Resp: 61318

Ion Ratio Lower Upper

96 100

61 132.7 0.0 277.4

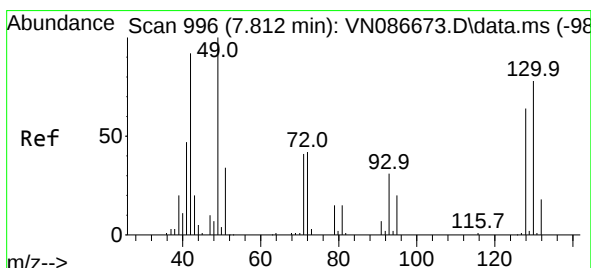
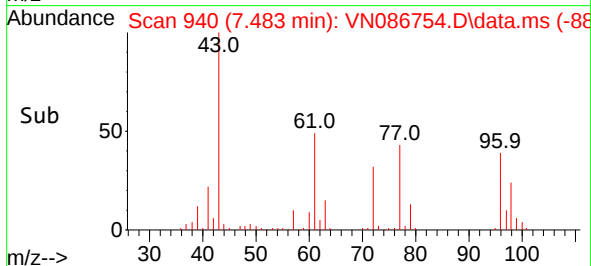
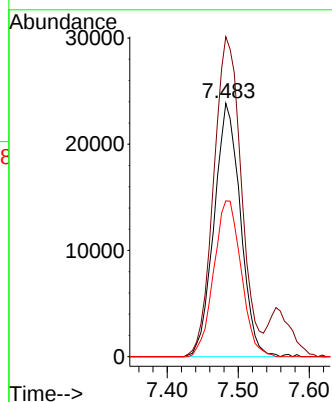
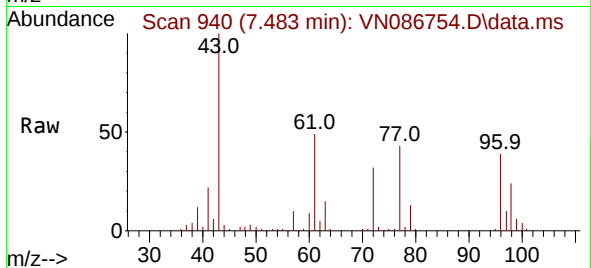
98 64.3 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#28

Bromochloromethane

Concen: 16.922 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

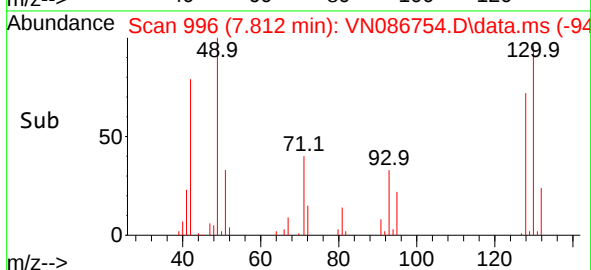
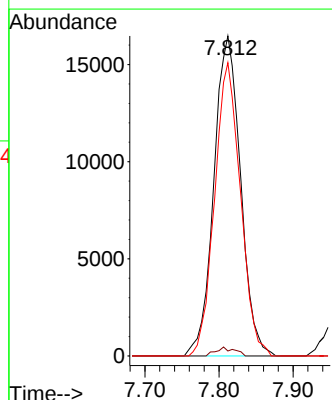
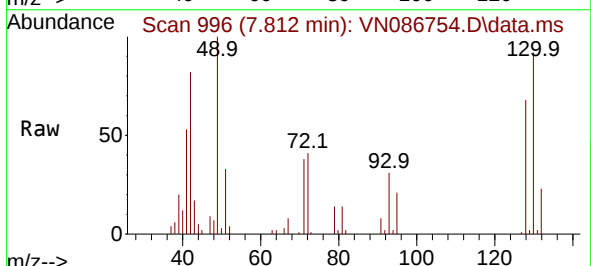
Tgt Ion: 49 Resp: 41211

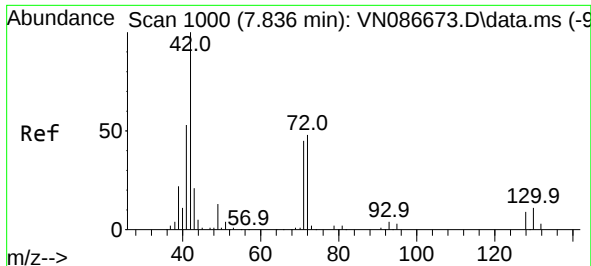
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 88.8 62.2 93.4





#29

Tetrahydrofuran

Concen: 84.212 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

Tgt Ion: 42 Resp: 105240

Ion Ratio Lower Upper

42 100

72 53.5 38.7 58.1

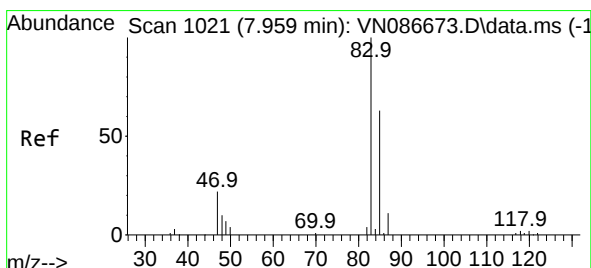
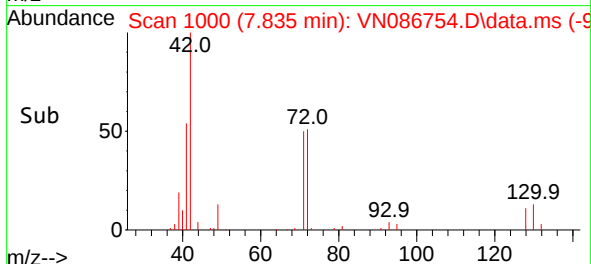
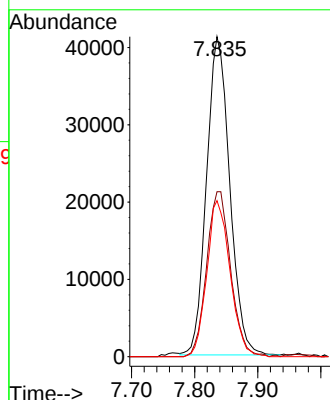
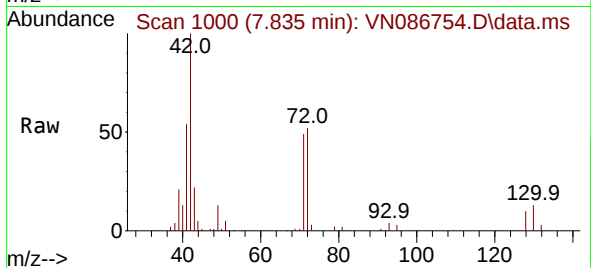
71 49.2 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#30

Chloroform

Concen: 17.306 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086754.D

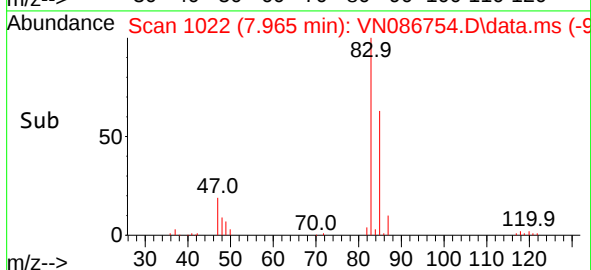
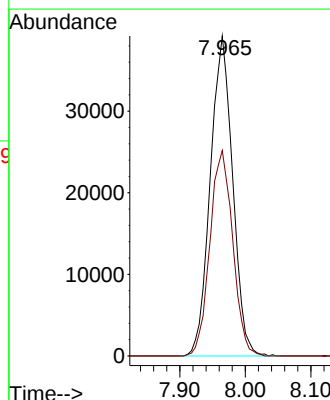
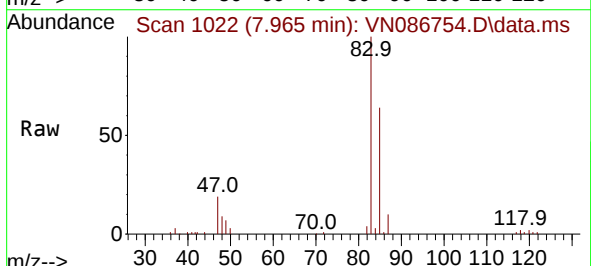
Acq: 22 May 2025 10:18

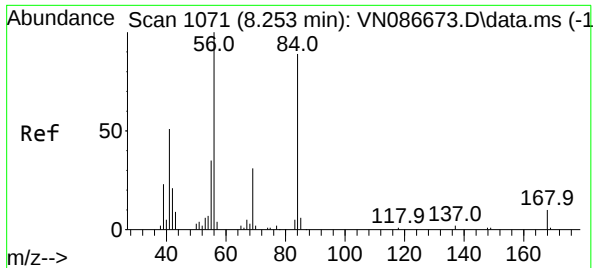
Tgt Ion: 83 Resp: 92847

Ion Ratio Lower Upper

83 100

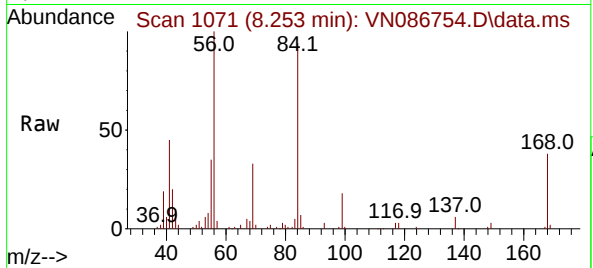
85 64.2 50.2 75.4





#31
Cyclohexane
Concen: 16.143 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

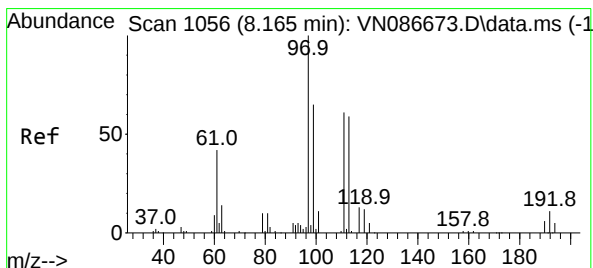
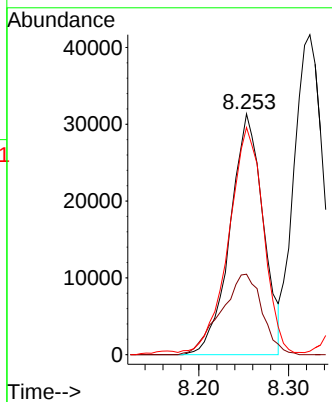
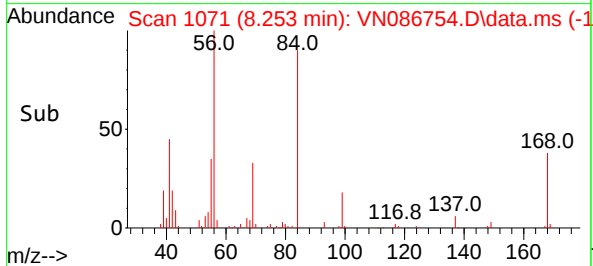
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



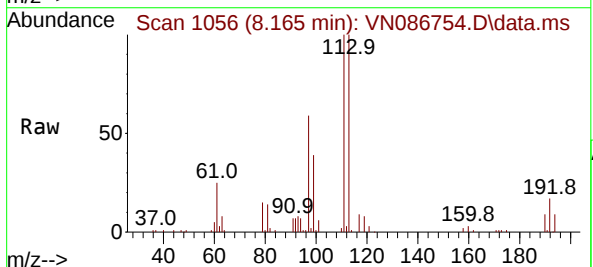
Tgt Ion: 56 Resp: 8025
Ion Ratio Lower Upper
56 100
69 33.4 25.0 37.6
84 93.4 71.0 106.4

Manual Integrations
APPROVED

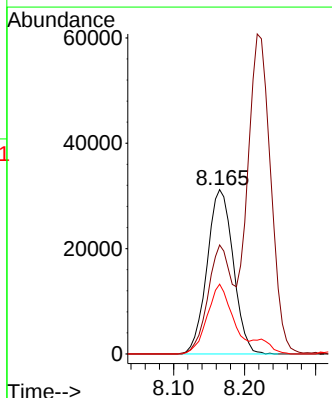
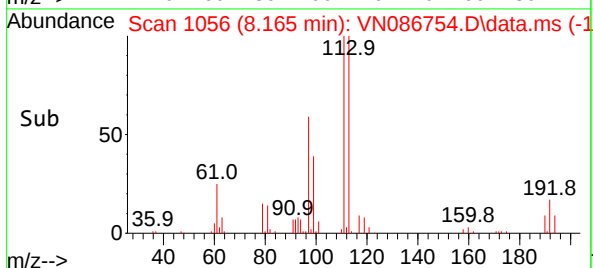
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

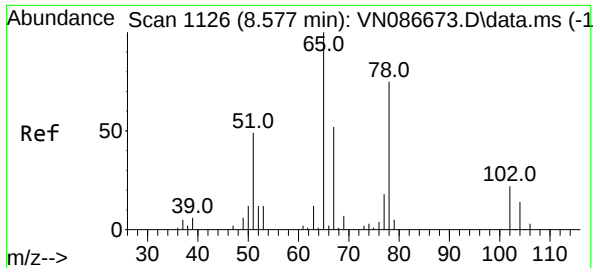


#32
1,1,1-Trichloroethane
Concen: 17.600 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18



Tgt Ion: 97 Resp: 79612
Ion Ratio Lower Upper
97 100
99 61.9 52.6 79.0
61 41.6 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 44.752 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

Tgt Ion: 65 Resp: 14823

Ion Ratio Lower Upper

65 100

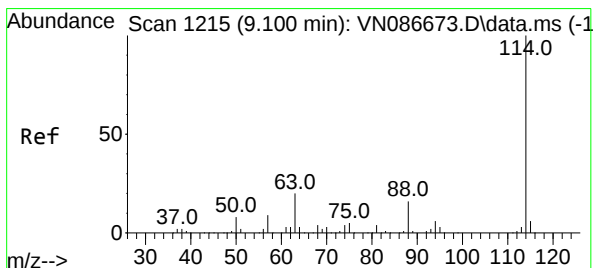
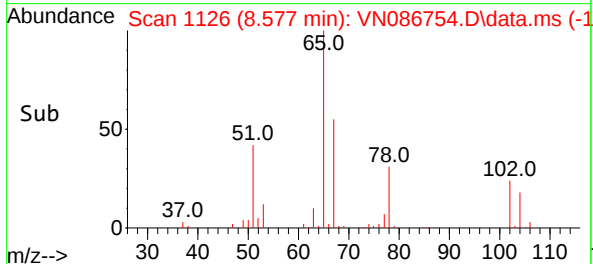
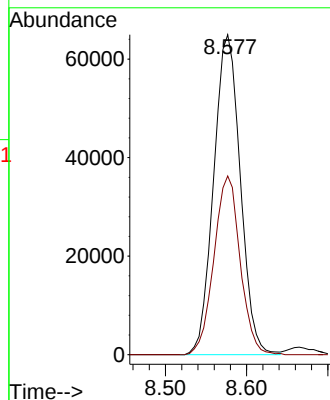
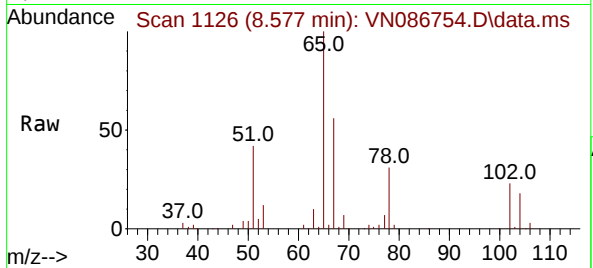
67 54.9 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

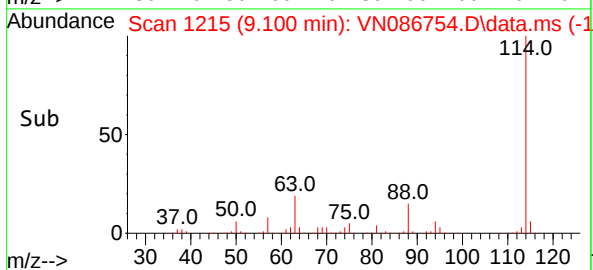
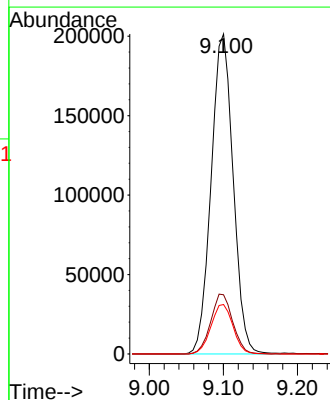
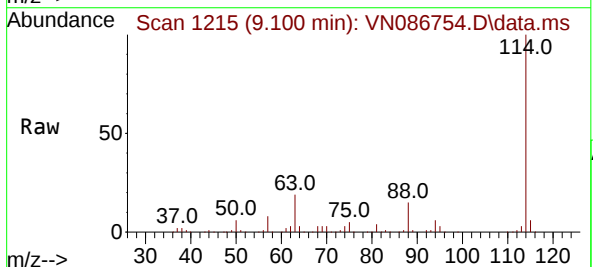
Tgt Ion:114 Resp: 415639

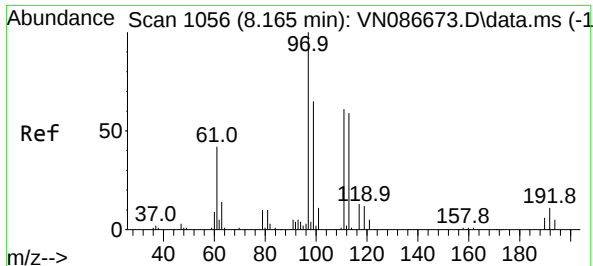
Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.2

88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.534 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

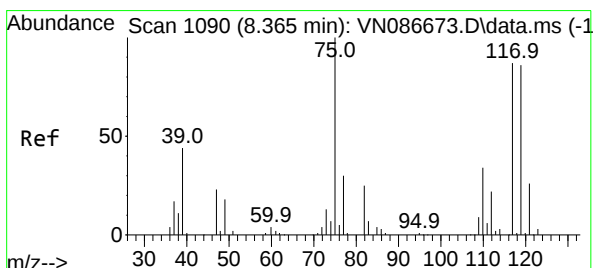
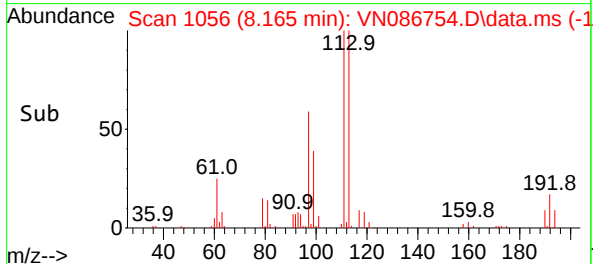
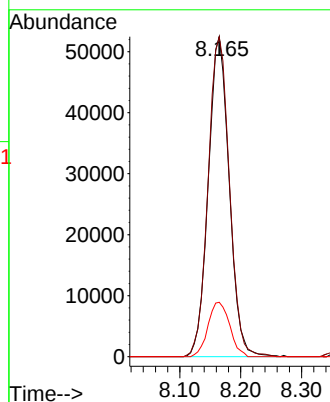
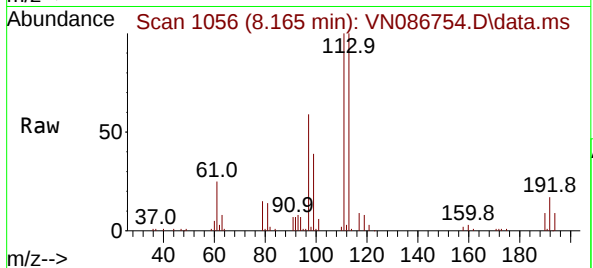
Tgt Ion:	113	Resp:	12508
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.2	123.2
192	17.6	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#36

1,1-Dichloropropene

Concen: 17.986 ug/l

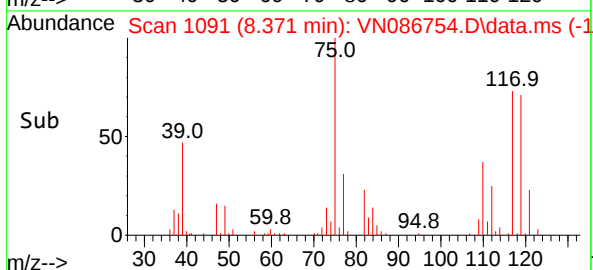
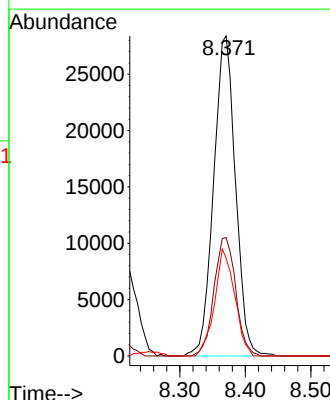
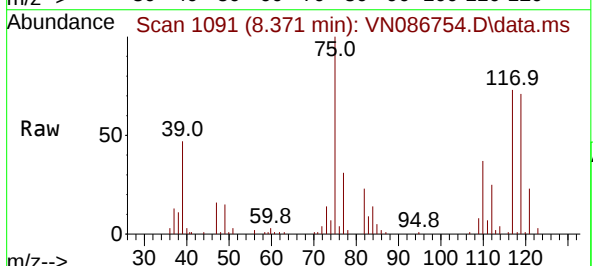
RT: 8.371 min Scan# 1091

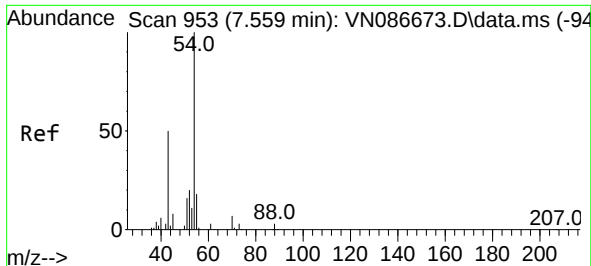
Delta R.T. 0.006 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Tgt Ion:	75	Resp:	65671
Ion Ratio	Lower	Upper	
75	100		
110	36.8	17.5	52.5
77	30.6	25.1	37.7





#37

Ethyl Acetate

Concen: 17.926 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

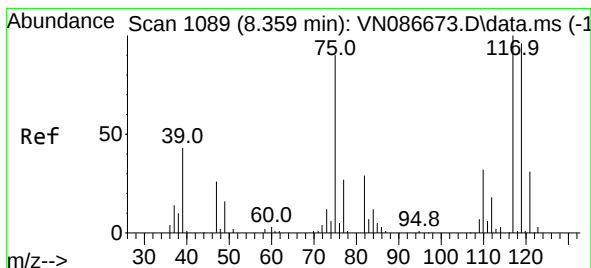
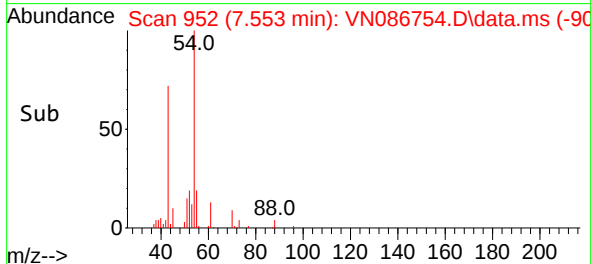
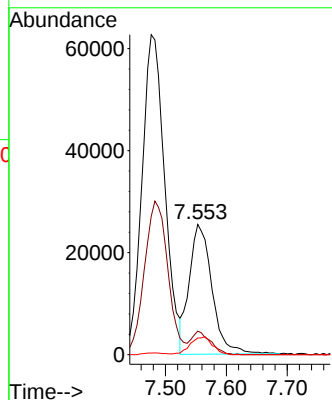
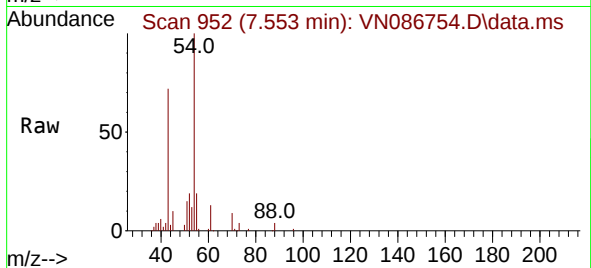
Tgt Ion:	43	Resp:	66114
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.6	17.4
70	13.5	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#38

Carbon Tetrachloride

Concen: 18.323 ug/l

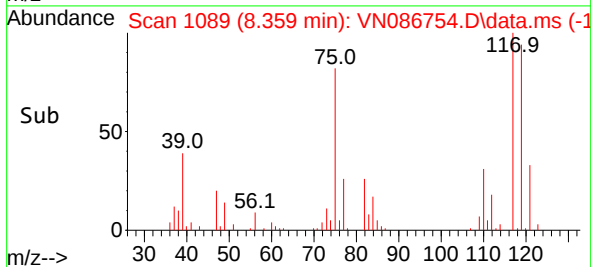
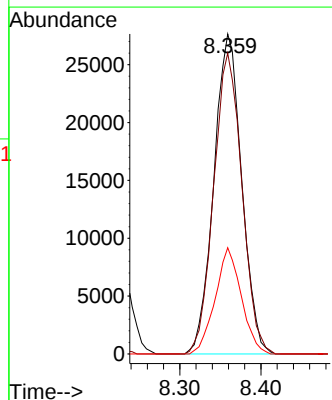
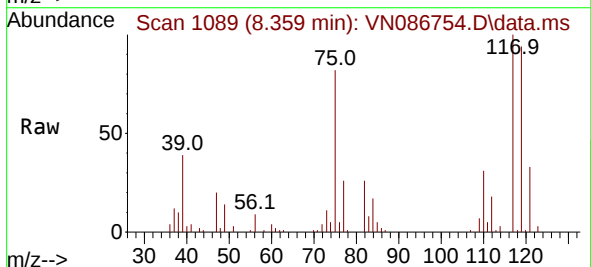
RT: 8.359 min Scan# 1089

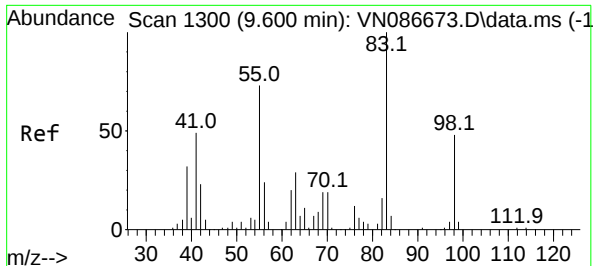
Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Tgt Ion:	117	Resp:	65916
Ion	Ratio	Lower	Upper
117	100		
119	94.0	77.0	115.6
121	33.2	25.0	37.6





#39

Methylcyclohexane

Concen: 18.895 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

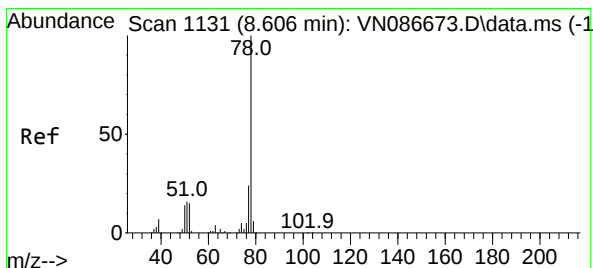
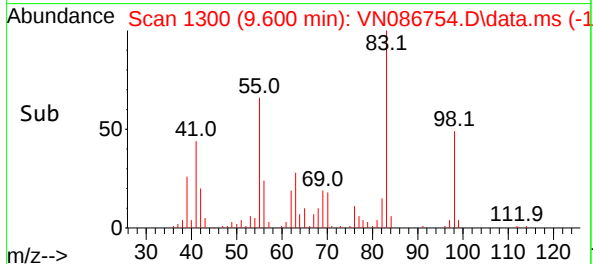
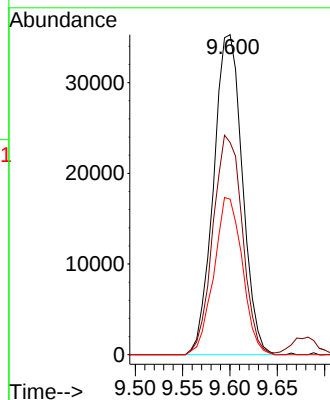
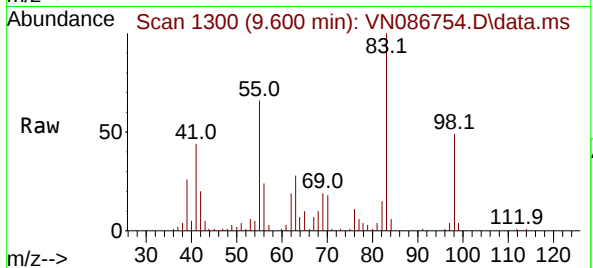
Tgt Ion: 83	Resp: 7466
Ion Ratio	Lower Upper
83 100	
55 66.3	58.2 87.4
98 48.6	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#40

Benzene

Concen: 18.378 ug/l

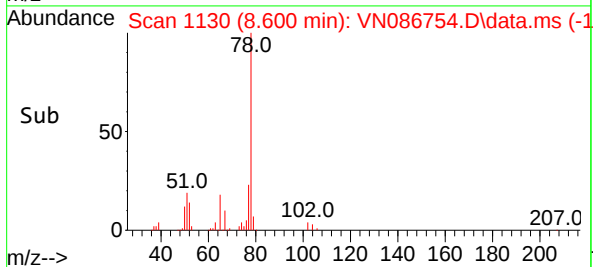
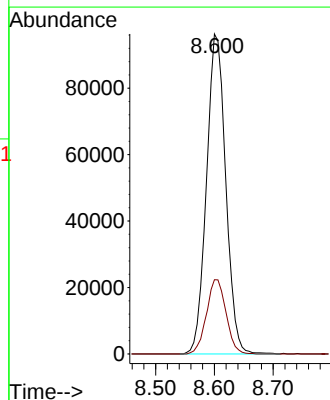
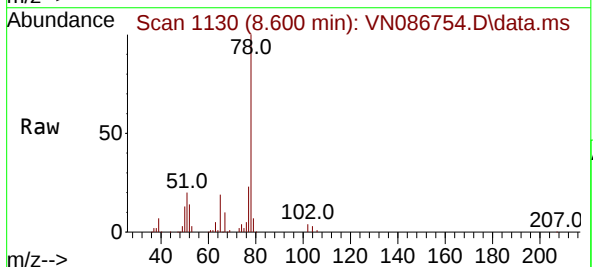
RT: 8.600 min Scan# 1130

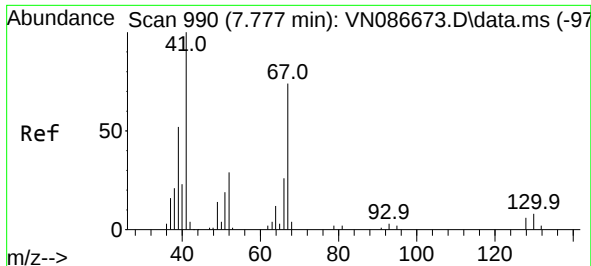
Delta R.T. -0.006 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

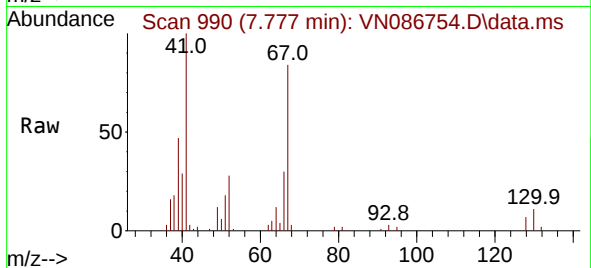
Tgt Ion: 78	Resp: 218897
Ion Ratio	Lower Upper
78 100	
77 23.2	19.1 28.7





#41
Methacrylonitrile
Concen: 18.685 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

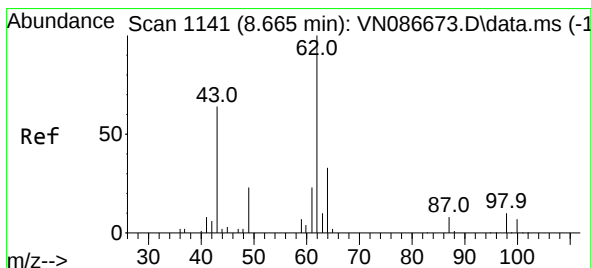
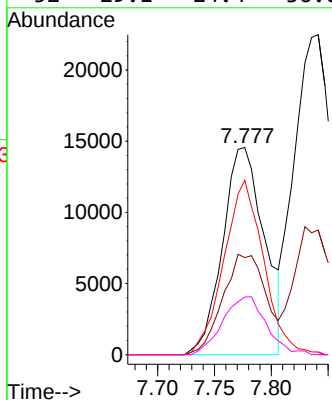
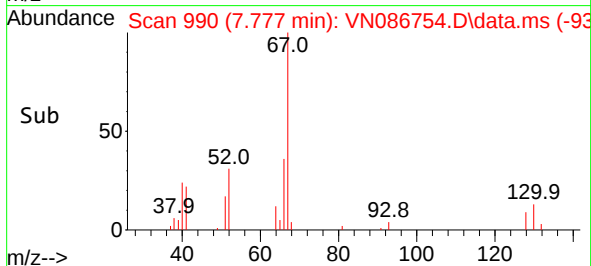
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



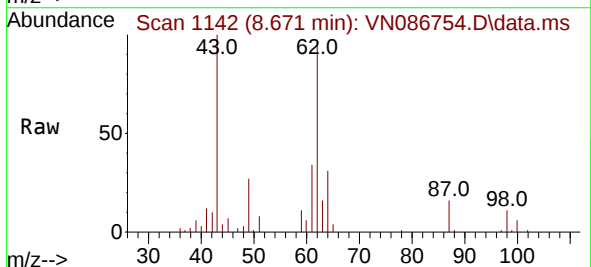
Tgt Ion: 41 Resp: 37210
Ion Ratio Lower Upper
41 100
39 50.2 44.9 67.3
67 80.2 63.4 95.0
52 29.1 24.4 36.6

Manual Integrations
APPROVED

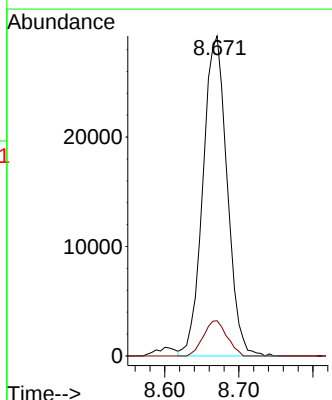
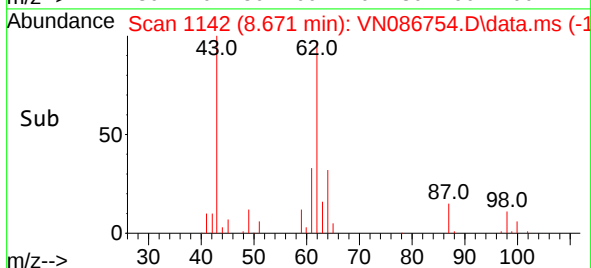
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

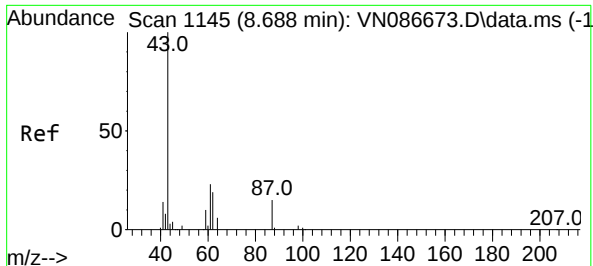


#42
1,2-Dichloroethane
Concen: 17.830 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18



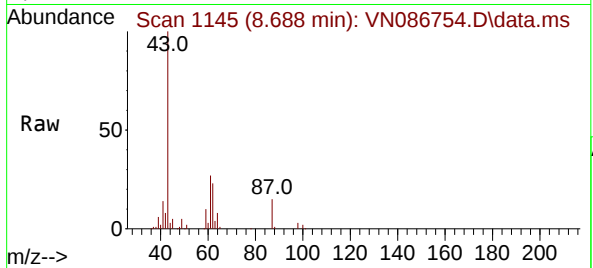
Tgt Ion: 62 Resp: 66164
Ion Ratio Lower Upper
62 100
98 10.7 0.0 19.2





#43
Isopropyl Acetate
Concen: 15.496 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

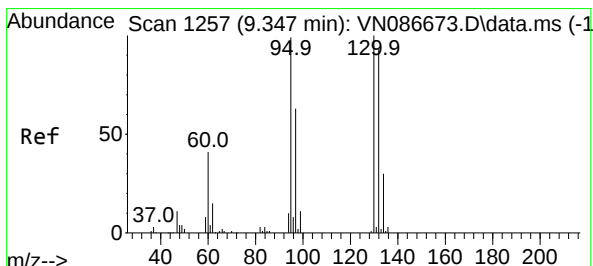
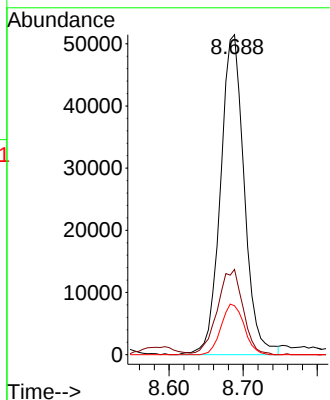
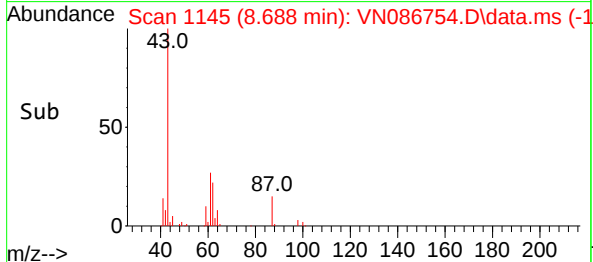
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion: 43 Resp: 11457
Ion Ratio Lower Upper
43 100
61 28.7 21.4 32.2
87 15.2 11.1 16.7

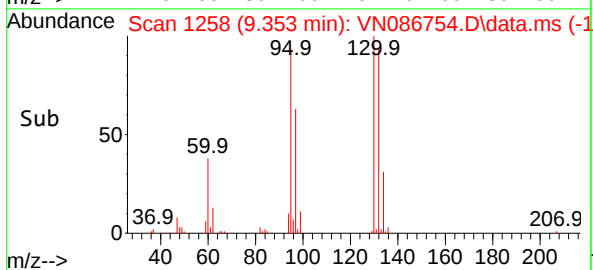
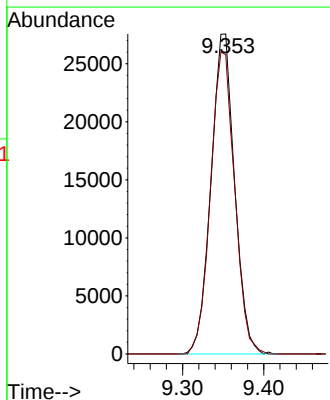
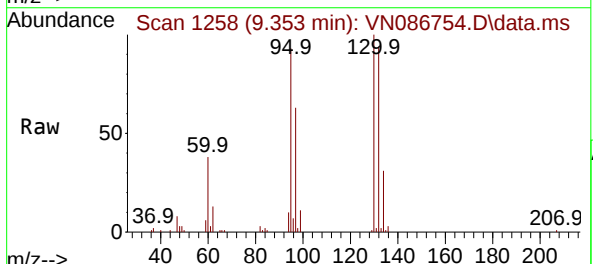
Manual Integrations
APPROVED

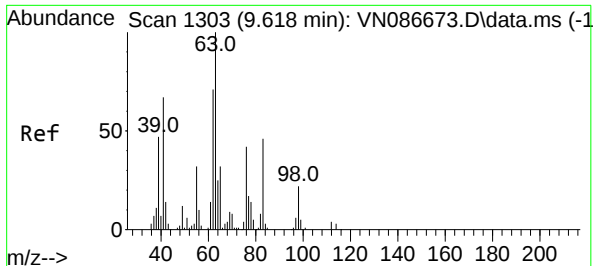
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#44
Trichloroethene
Concen: 19.390 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:130 Resp: 55704
Ion Ratio Lower Upper
130 100
95 93.5 0.0 197.0





#45

1,2-Dichloropropane

Concen: 18.363 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

Tgt Ion: 63 Resp: 5195

Ion Ratio Lower Upper

63 100

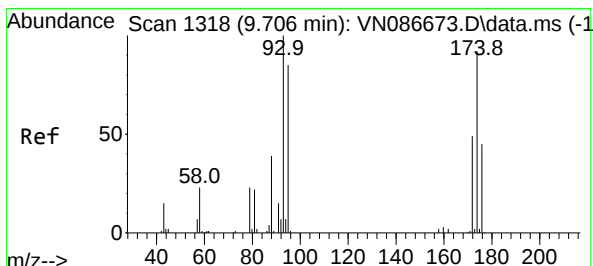
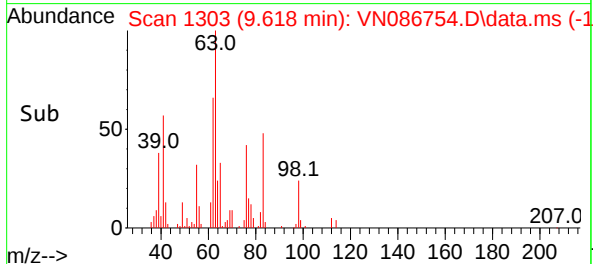
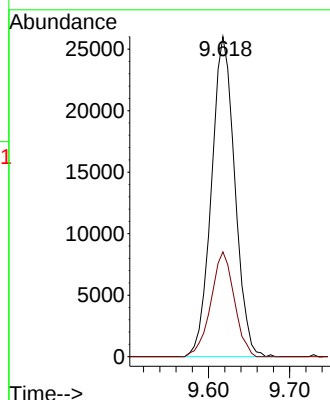
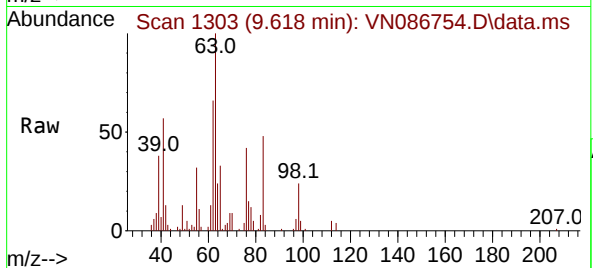
65 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#46

Dibromomethane

Concen: 18.941 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

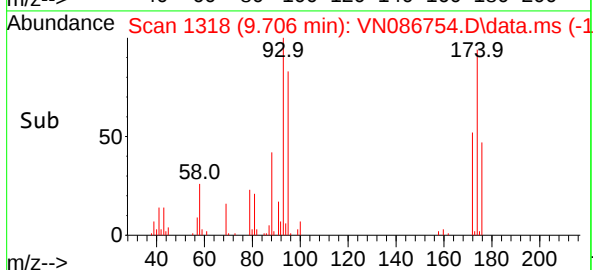
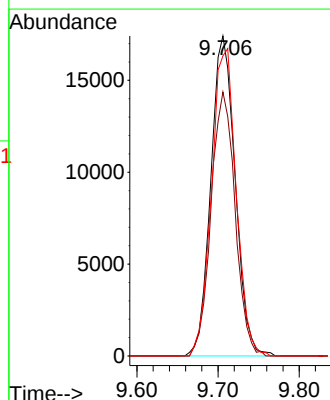
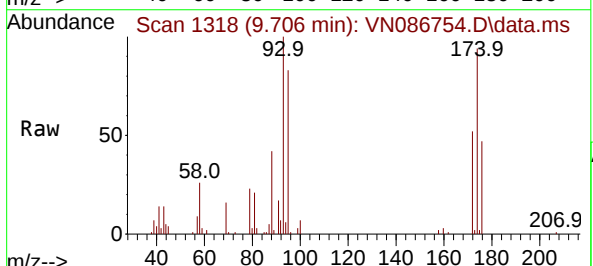
Tgt Ion: 93 Resp: 36163

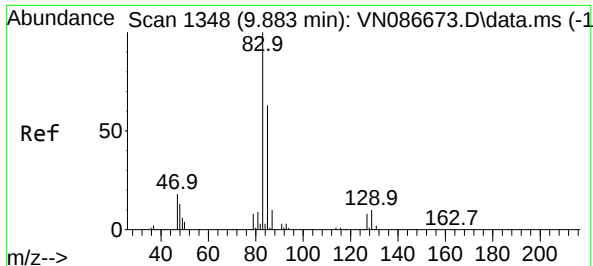
Ion Ratio Lower Upper

93 100

95 81.8 67.1 100.7

174 97.7 73.8 110.6





#47

Bromodichloromethane

Concen: 18.397 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.006 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

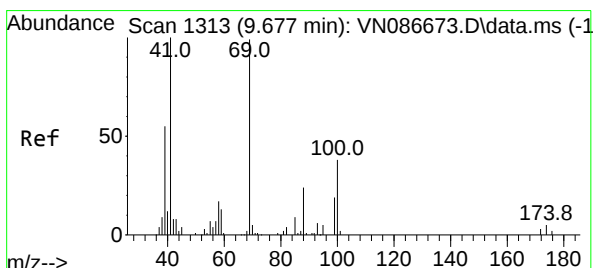
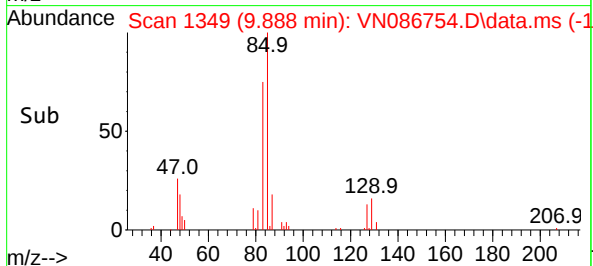
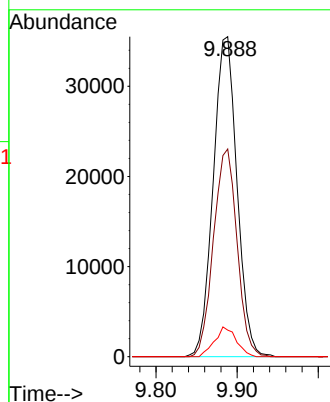
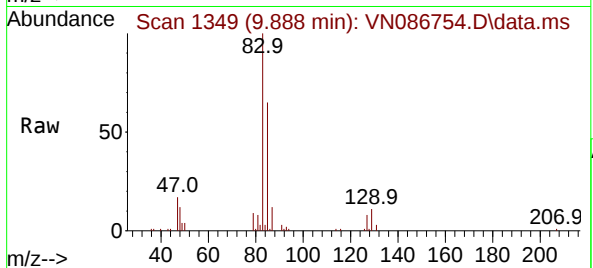
Tgt Ion:	83	Resp:	7237
Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.1	75.1
127	8.3	6.2	9.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#48

Methyl methacrylate

Concen: 17.678 ug/l

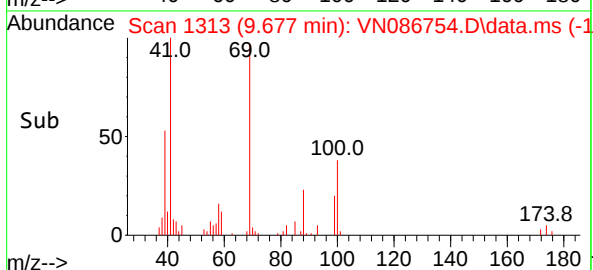
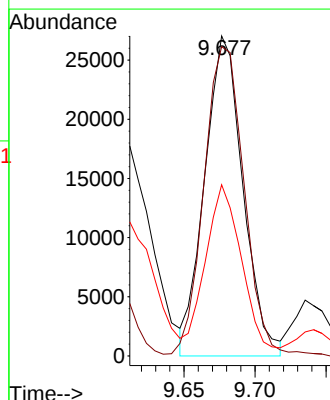
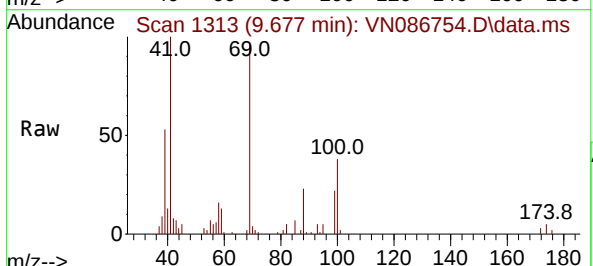
RT: 9.677 min Scan# 1313

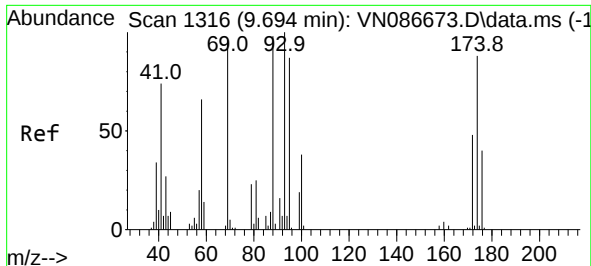
Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Tgt Ion:	41	Resp:	50648
Ion	Ratio	Lower	Upper
41	100		
69	101.6	74.1	111.1
39	51.6	44.1	66.1





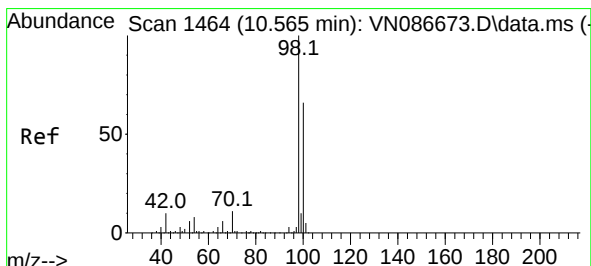
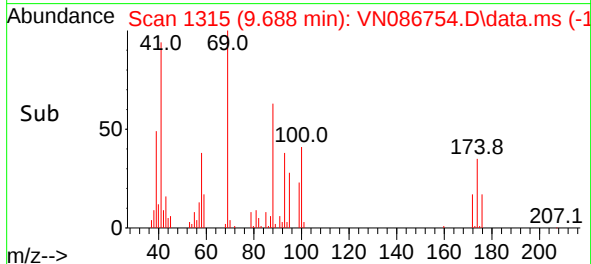
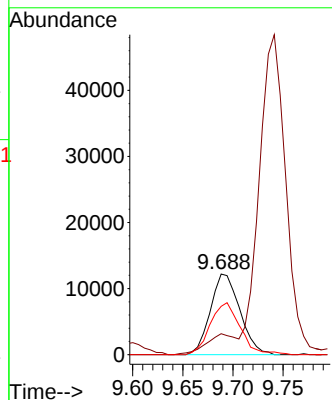
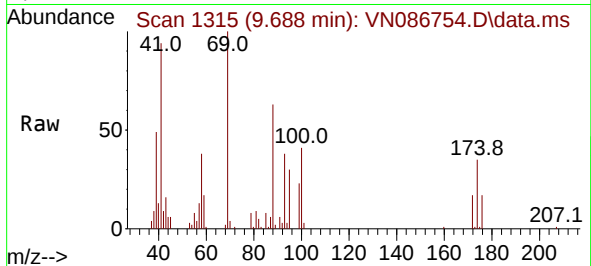
#49
1,4-Dioxane
Concen: 412.296 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion: 88 Resp: 2501
Ion Ratio Lower Upper
88 100
43 26.7 23.6 35.4
58 65.7 55.3 82.9

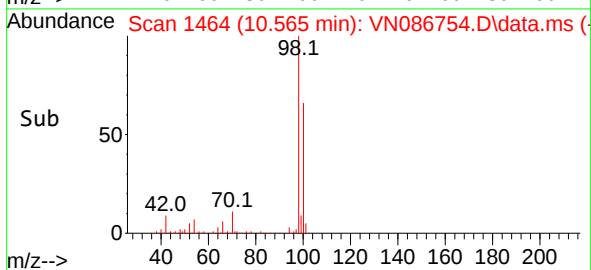
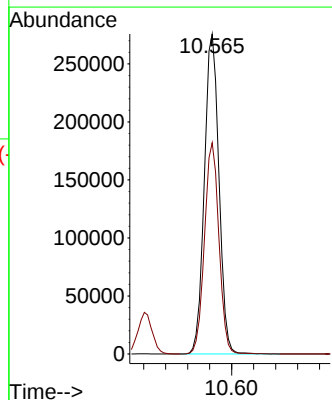
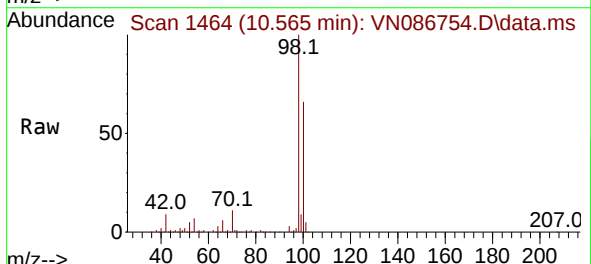
Manual Integrations
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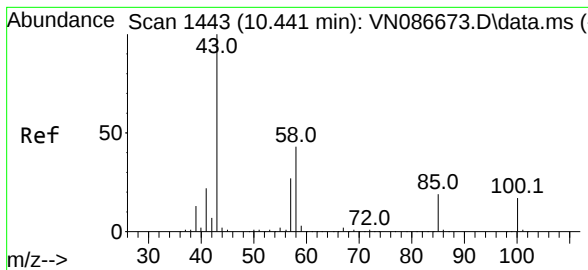
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#50
Toluene-d8
Concen: 49.475 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 98 Resp: 507506
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3





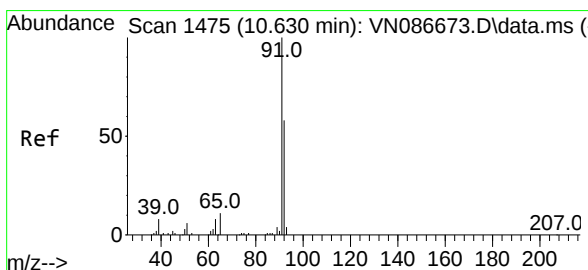
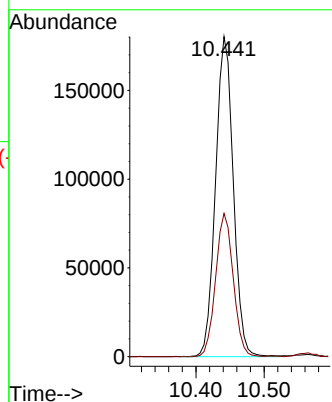
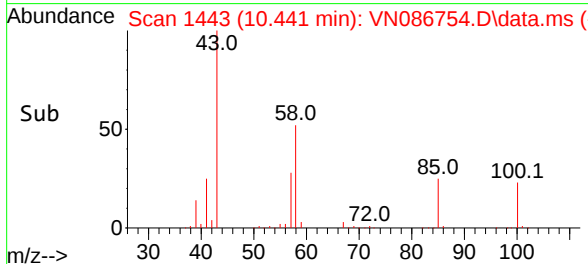
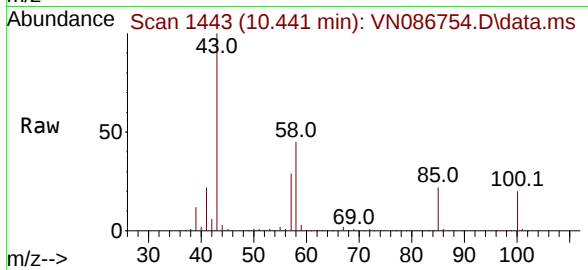
#51
4-Methyl-2-Pentanone
Concen: 87.684 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion: 43 Resp: 326938
Ion Ratio Lower Upper
43 100
58 44.5 33.9 50.9

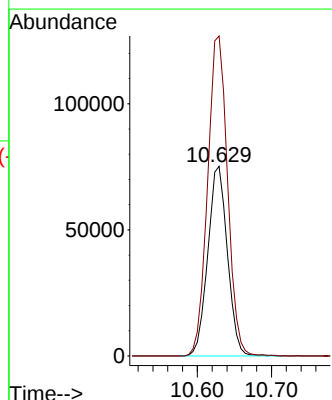
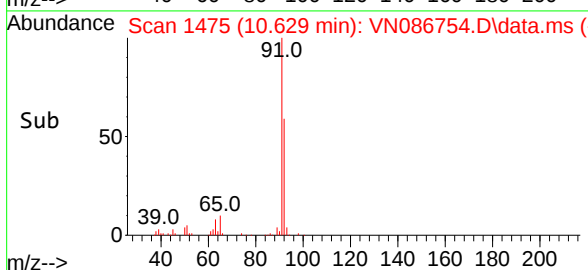
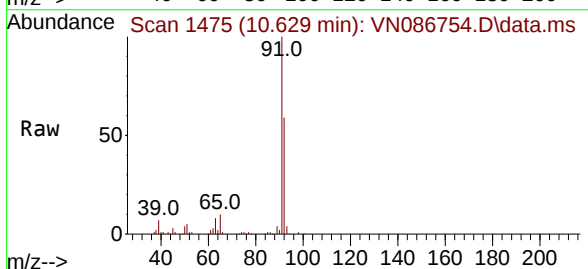
Manual Integrations
APPROVED

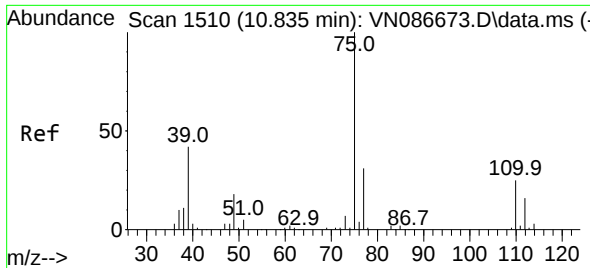
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#52
Toluene
Concen: 18.654 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

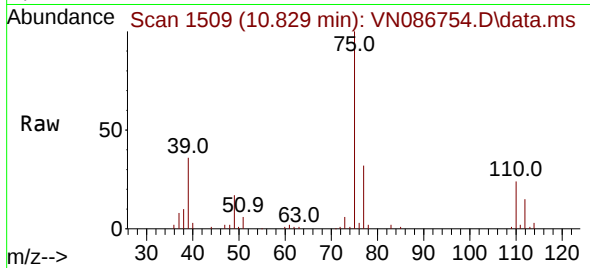
Tgt Ion: 92 Resp: 138095
Ion Ratio Lower Upper
92 100
91 171.7 137.8 206.8





#53
 t-1,3-Dichloropropene
 Concen: 18.878 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

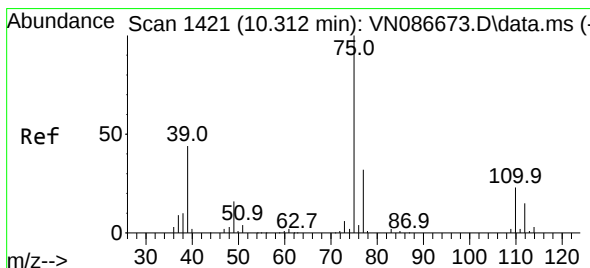
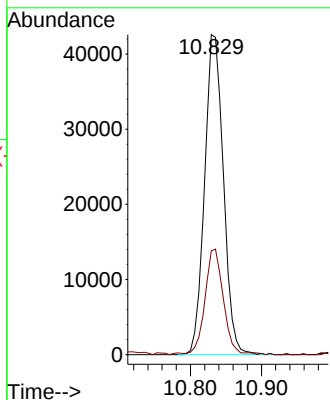
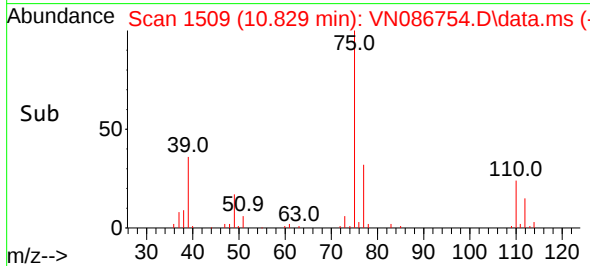
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBS01



Tgt Ion: 75 Resp: 78628
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.2 37.8

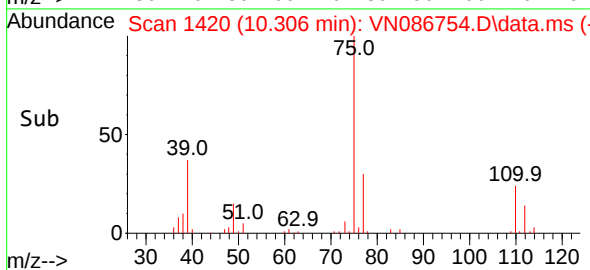
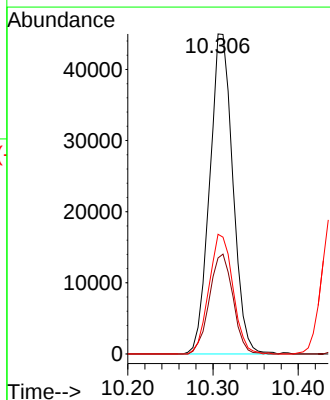
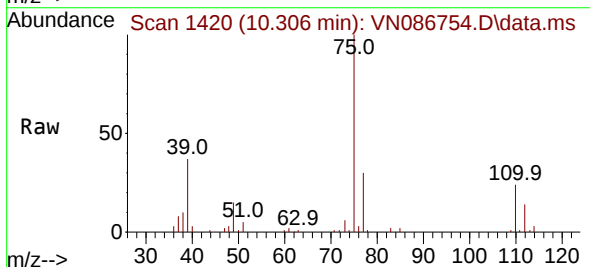
Manual Integrations
 APPROVED

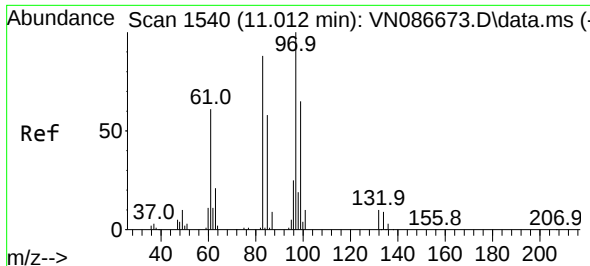
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#54
 cis-1,3-Dichloropropene
 Concen: 18.659 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

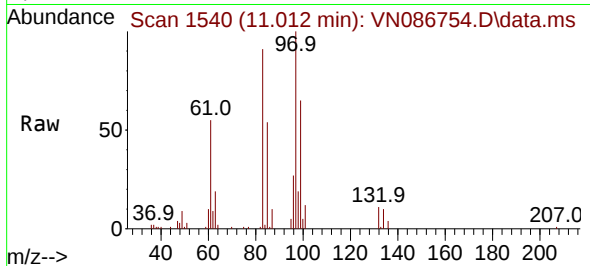
Tgt Ion: 75 Resp: 84834
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.3 37.9
 39 37.4 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 18.499 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

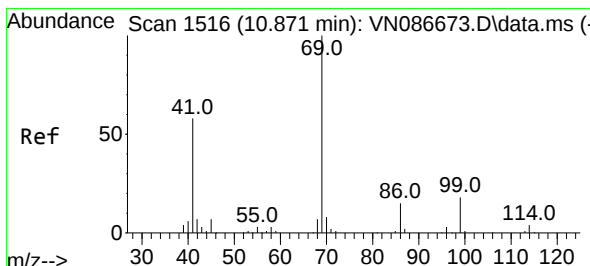
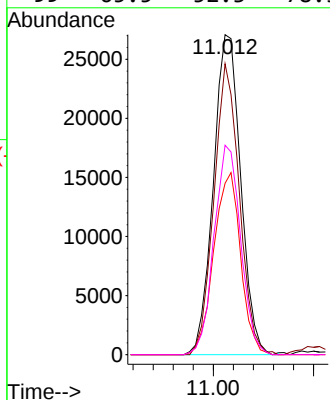
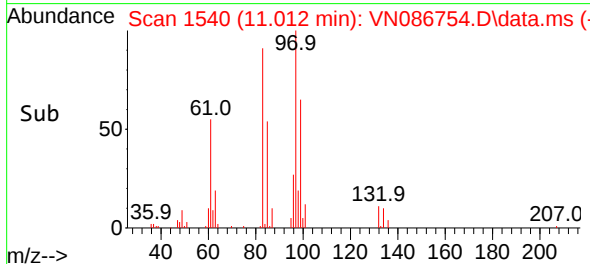
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.9	70.4	105.6
85	53.6	46.1	69.1
99	65.5	52.3	78.5

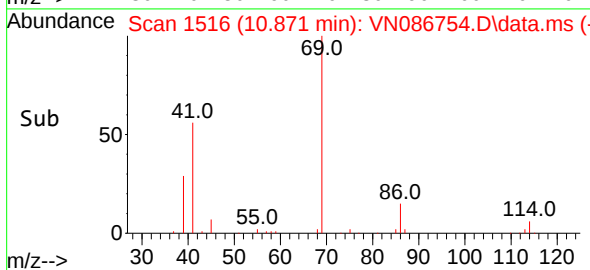
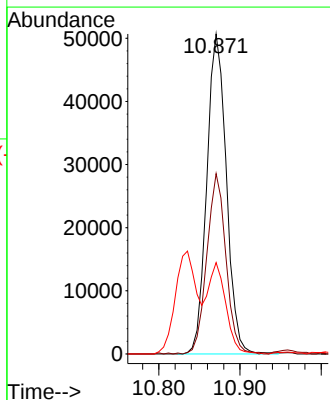
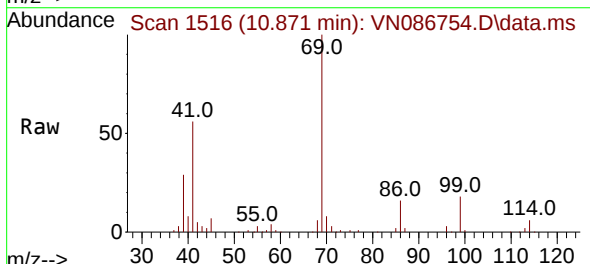
Manual Integrations
APPROVED

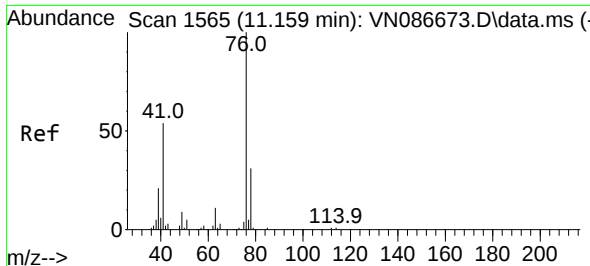
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#56
Ethyl methacrylate
Concen: 19.113 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion	Ratio	Lower	Upper
69	100		
41	55.0	47.4	71.0
39	26.4	24.0	36.0





#57

1,3-Dichloropropane

Concen: 18.658 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

Tgt Ion: 76 Resp: 88764

Ion Ratio Lower Upper

76 100

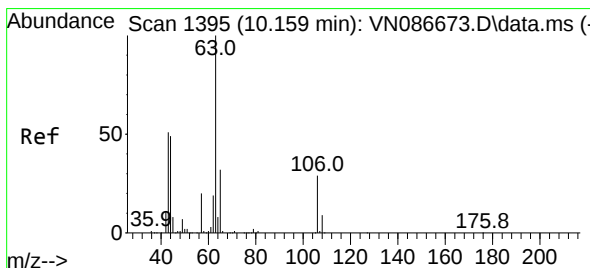
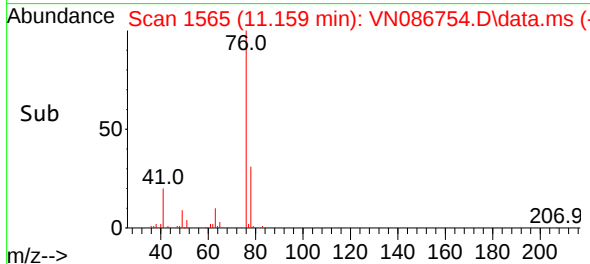
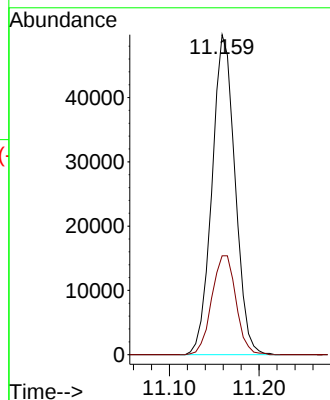
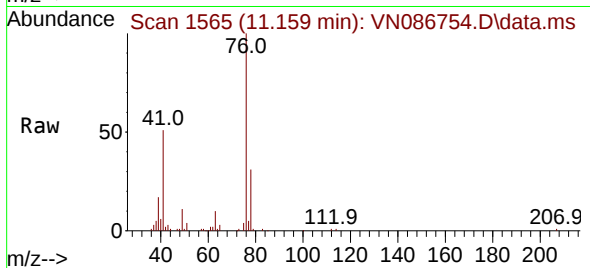
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#58

2-Chloroethyl Vinyl ether

Concen: 98.653 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086754.D

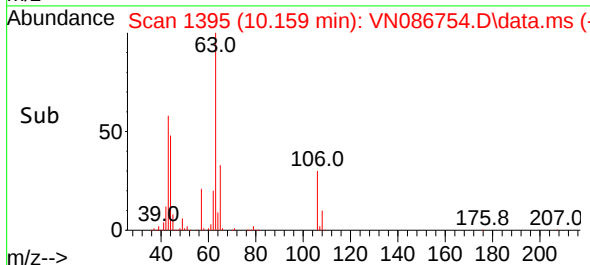
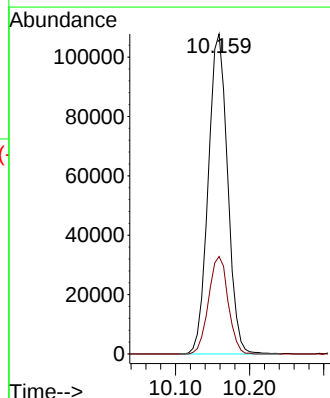
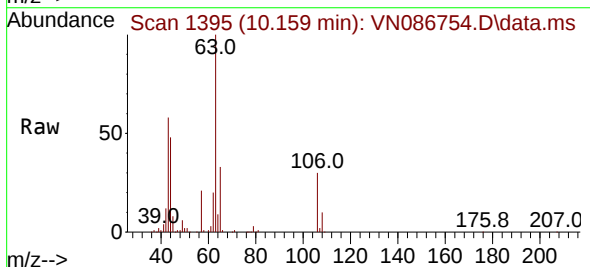
Acq: 22 May 2025 10:18

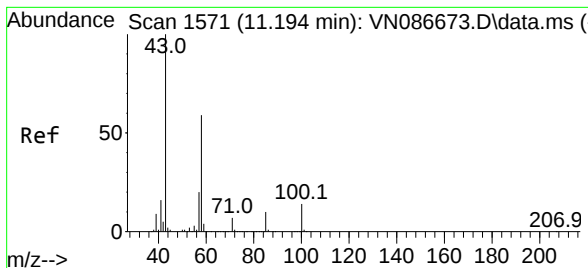
Tgt Ion: 63 Resp: 195491

Ion Ratio Lower Upper

63 100

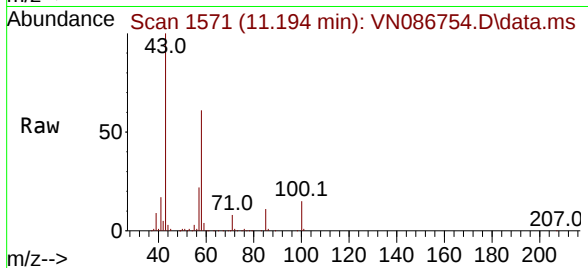
106 30.7 23.1 34.7





#59
2-Hexanone
Concen: 88.212 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

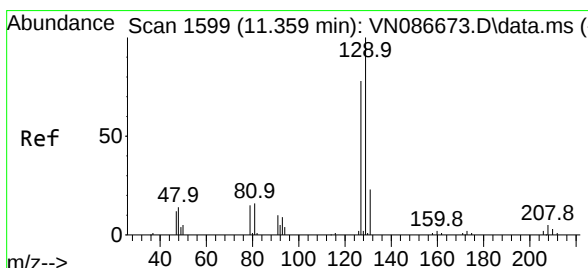
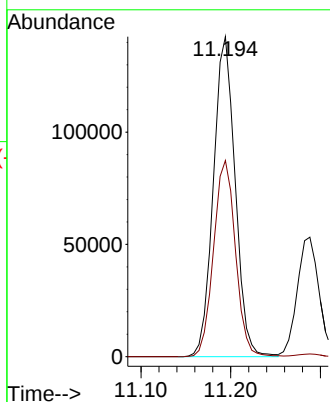
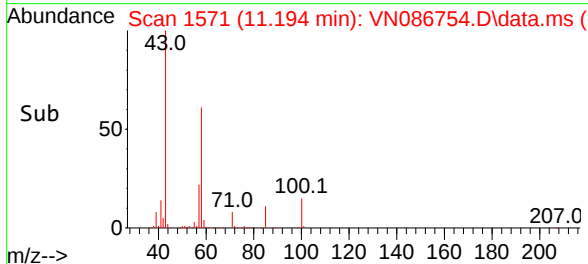
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion: 43 Resp: 24018
Ion Ratio Lower Upper
43 100
58 61.6 29.8 89.5

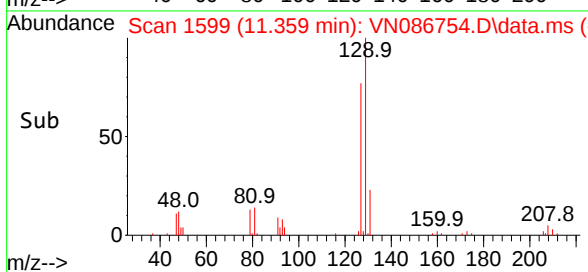
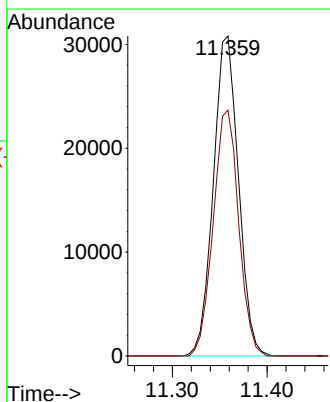
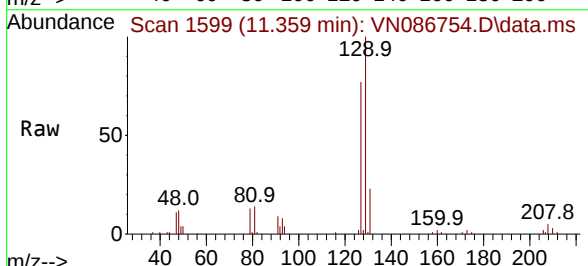
Manual Integrations
APPROVED

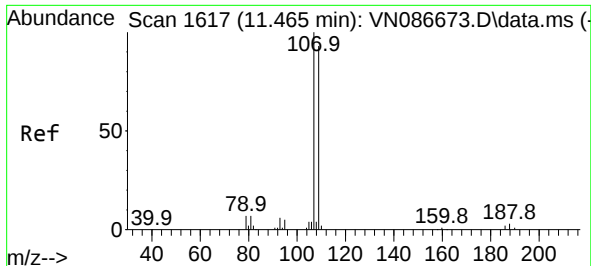
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#60
Dibromochloromethane
Concen: 19.645 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:129 Resp: 56854
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.3





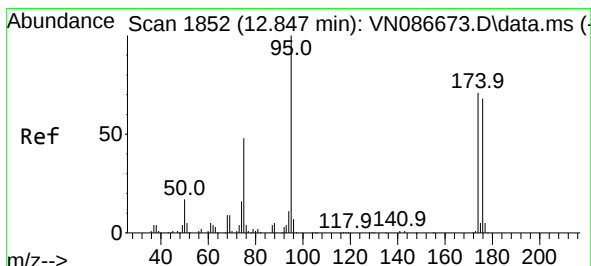
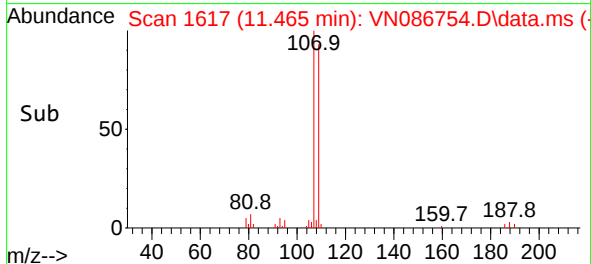
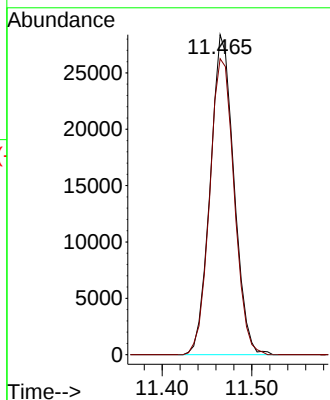
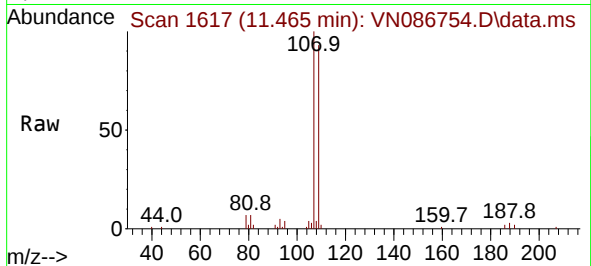
#61
1,2-Dibromoethane
Concen: 18.769 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion:107 Resp: 52084
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.4

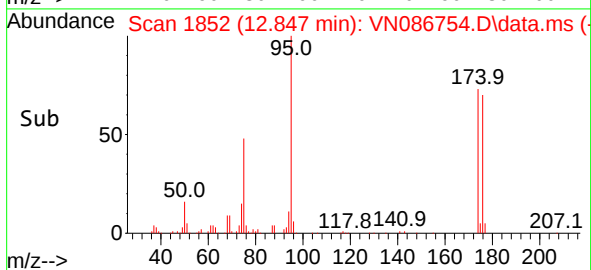
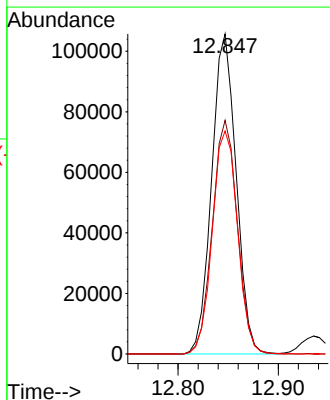
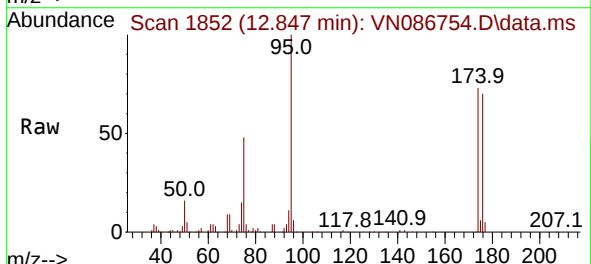
Manual Integrations
APPROVED

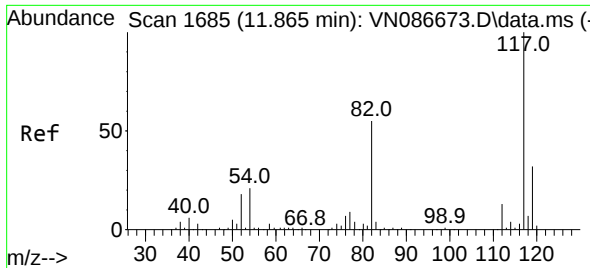
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#62
4-Bromofluorobenzene
Concen: 49.508 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

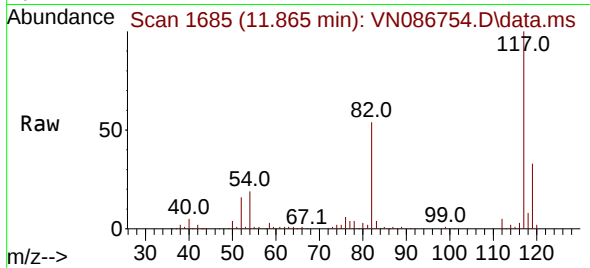
Tgt Ion: 95 Resp: 179316
Ion Ratio Lower Upper
95 100
174 74.4 0.0 145.4
176 71.7 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

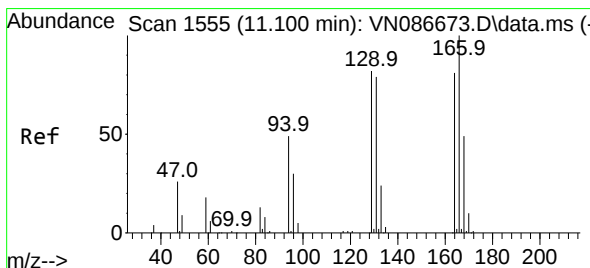
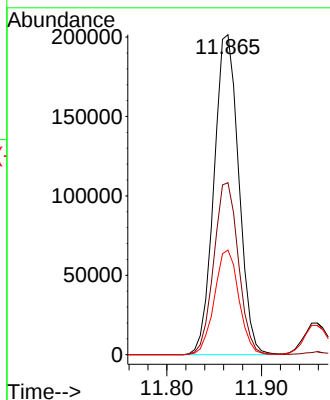
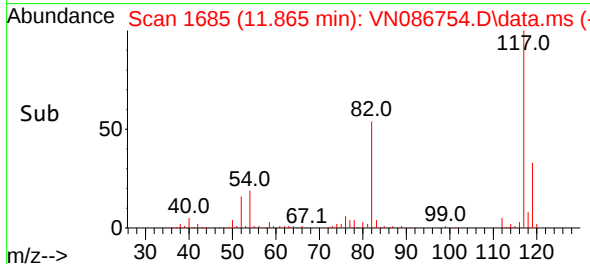
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion:117 Resp: 367070
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.7 25.4 38.2

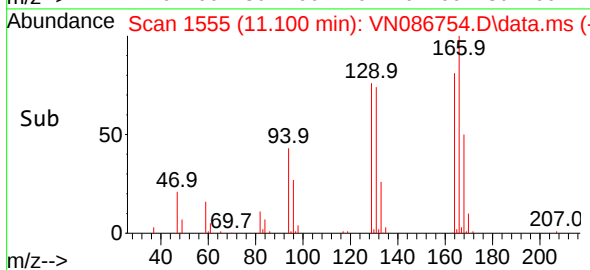
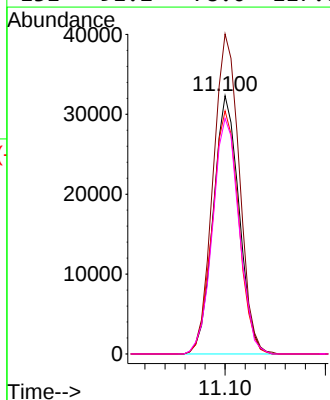
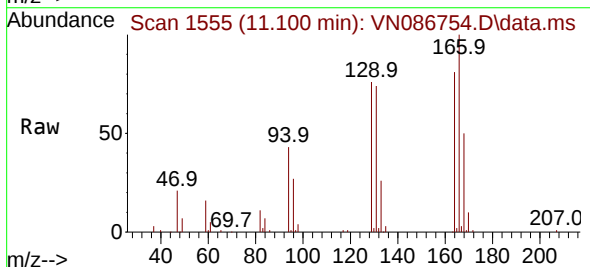
Manual Integrations
APPROVED

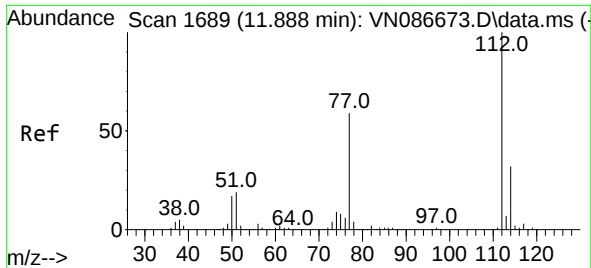
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#64
Tetrachloroethene
Concen: 20.524 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

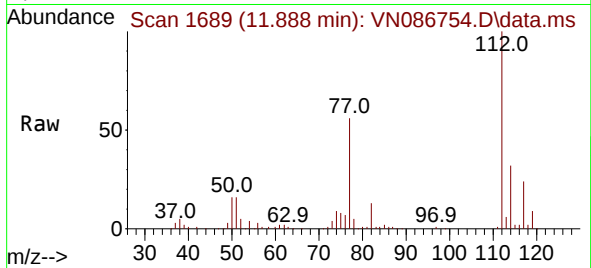
Tgt Ion:164 Resp: 57713
Ion Ratio Lower Upper
164 100
166 123.9 98.2 147.4
129 94.1 81.0 121.4
131 91.2 78.0 117.0





#65
Chlorobenzene
Concen: 19.024 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

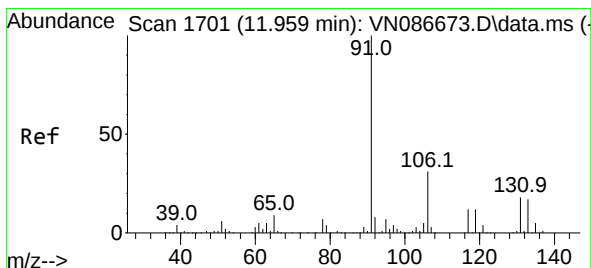
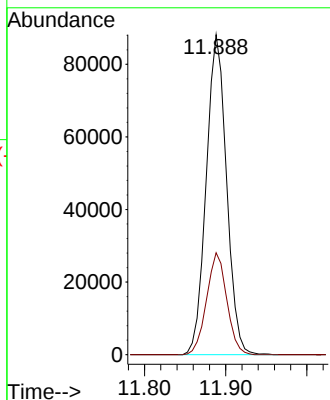
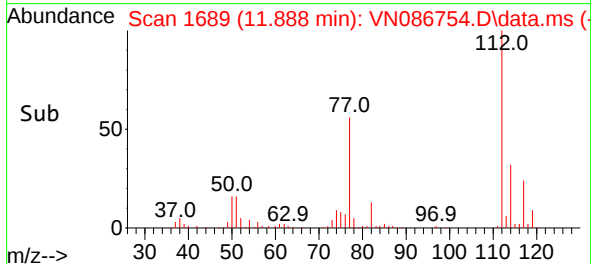
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



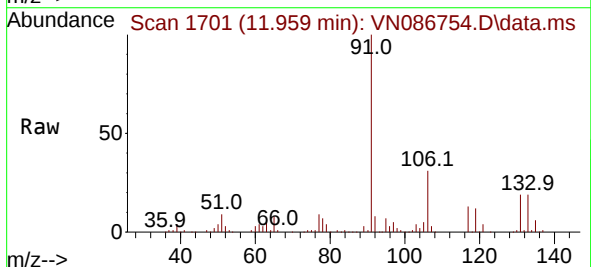
Tgt Ion:112 Resp: 15312
Ion Ratio Lower Upper
112 100
114 31.8 25.9 38.9

Manual Integrations
APPROVED

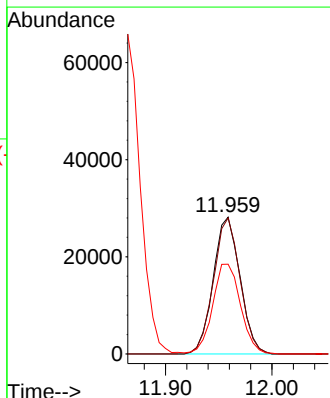
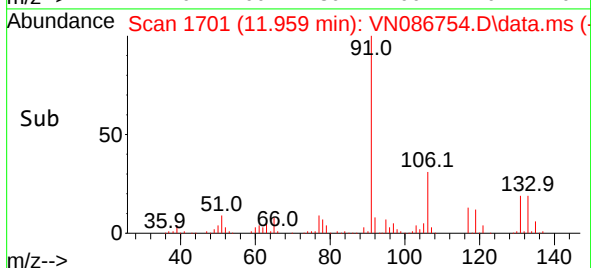
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

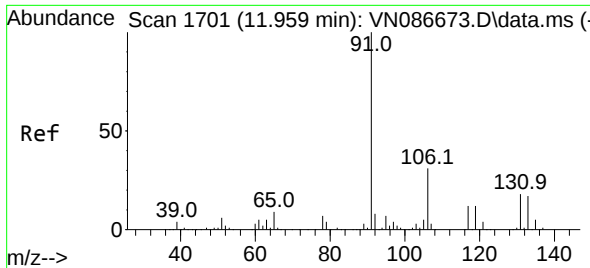


#66
1,1,1,2-Tetrachloroethane
Concen: 18.955 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18



Tgt Ion:131 Resp: 49254
Ion Ratio Lower Upper
131 100
133 98.4 47.9 143.7
119 68.2 33.6 100.8





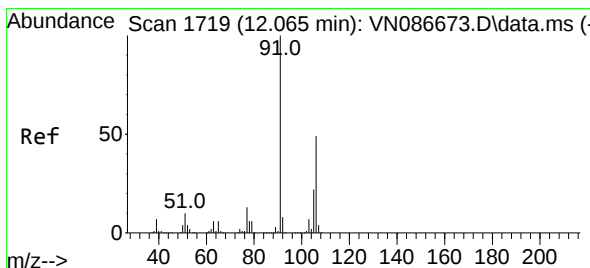
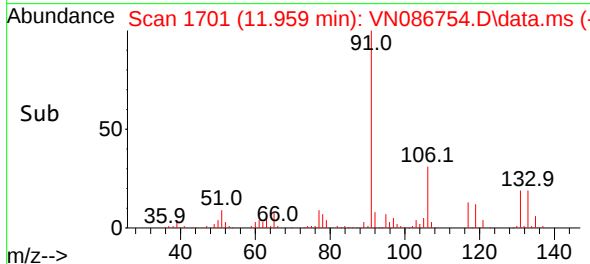
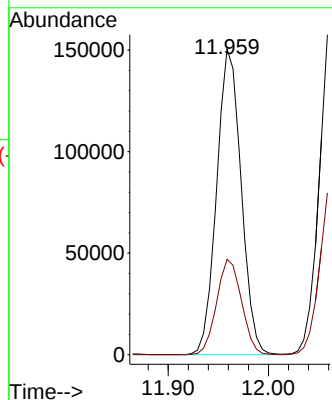
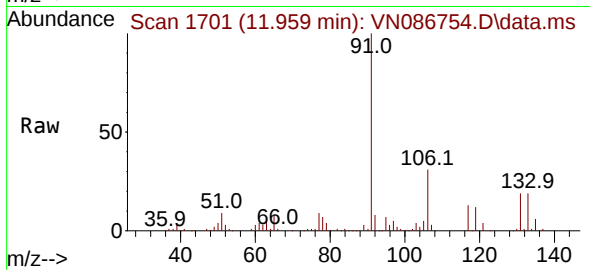
#67
Ethyl Benzene
Concen: 18.512 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion: 91 Resp: 255233
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8

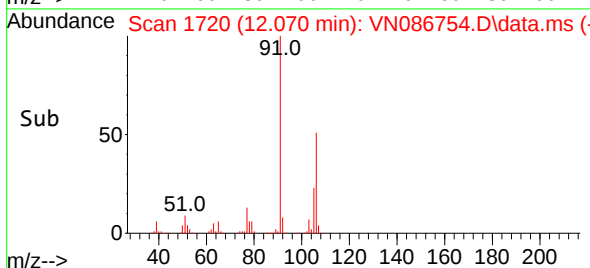
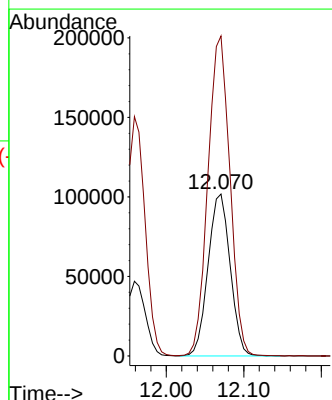
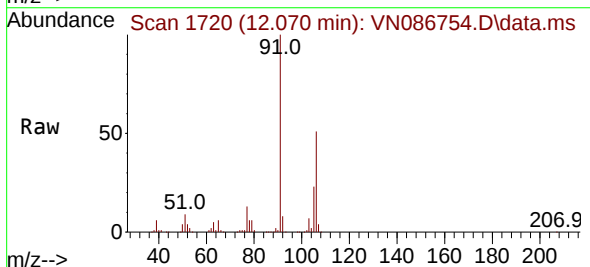
Manual Integrations
APPROVED

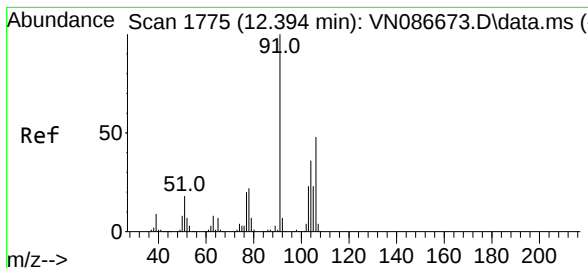
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#68
m/p-Xylenes
Concen: 38.612 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion:106 Resp: 201636
Ion Ratio Lower Upper
106 100
91 197.2 162.4 243.6





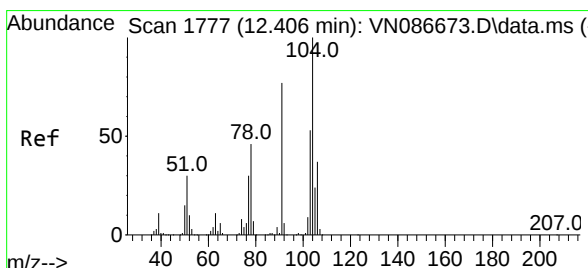
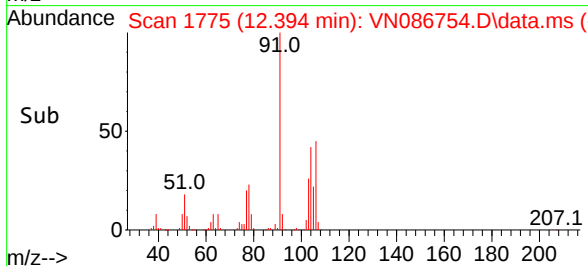
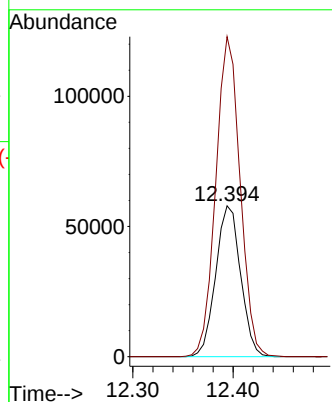
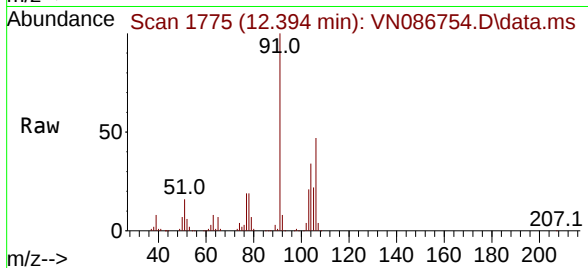
#69
o-Xylene
Concen: 19.181 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion:106 Resp: 99582
Ion Ratio Lower Upper
106 100
91 207.6 105.1 315.1

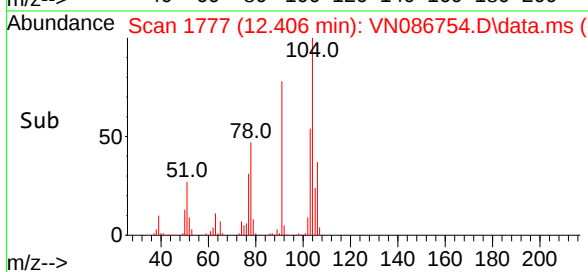
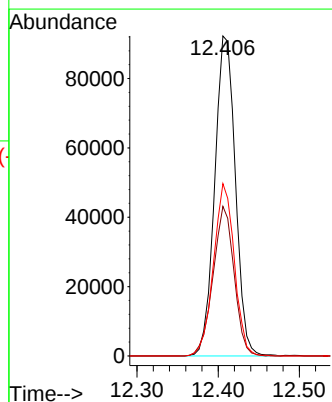
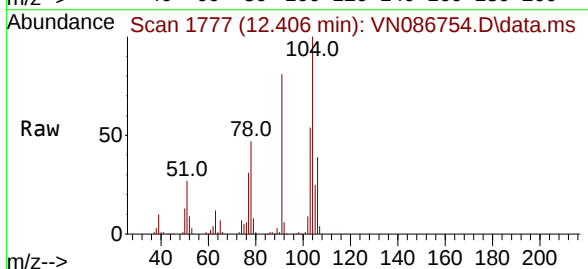
Manual Integrations
APPROVED

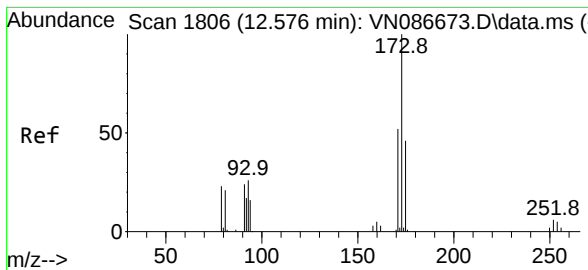
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#70
Styrene
Concen: 19.234 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

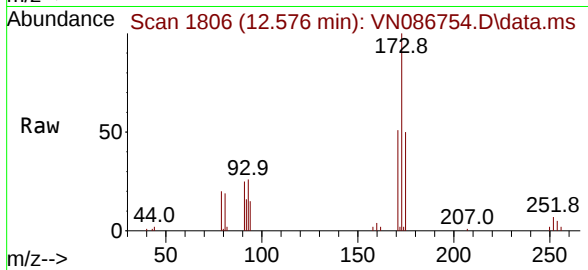
Tgt Ion:104 Resp: 163486
Ion Ratio Lower Upper
104 100
78 47.6 39.0 58.6
103 54.2 43.8 65.8





#71
Bromoform
Concen: 20.474 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

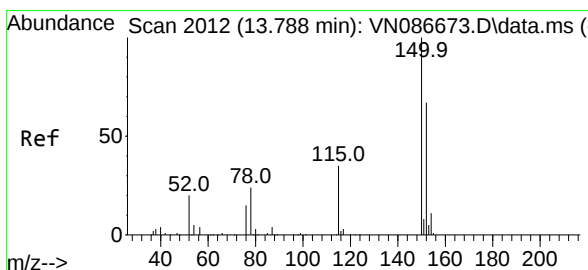
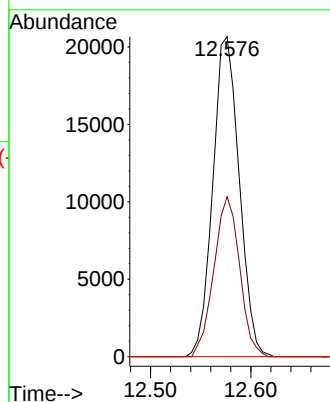
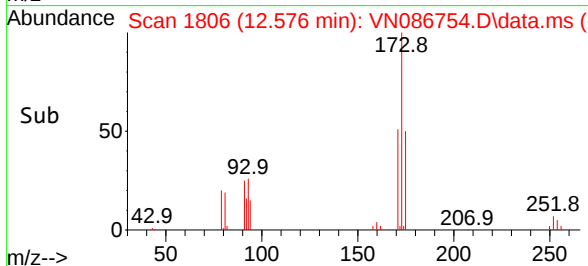
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



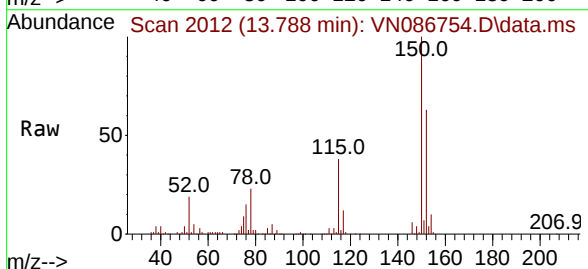
Tgt Ion:173 Resp: 3783
Ion Ratio Lower Upper
173 100
175 48.7 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

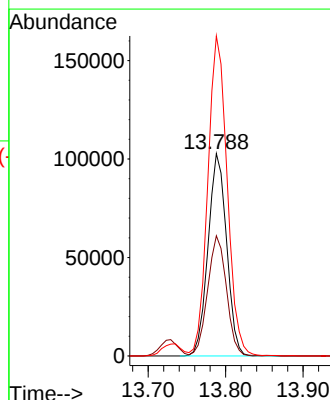
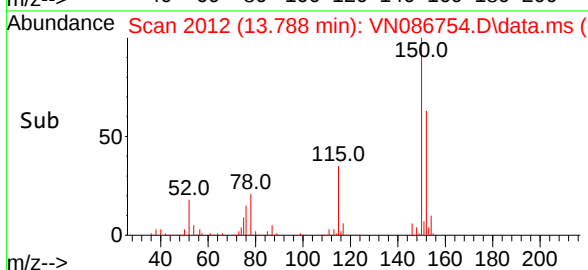
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

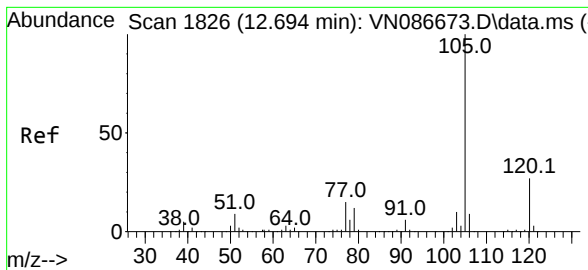


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18



Tgt Ion:152 Resp: 170899
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.1
150 164.5 0.0 347.8





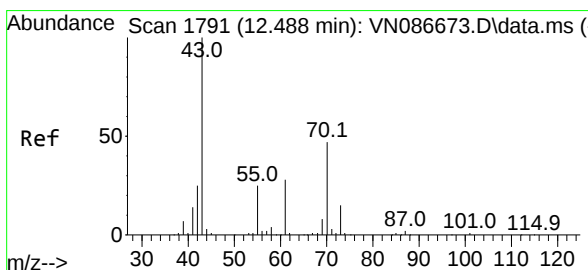
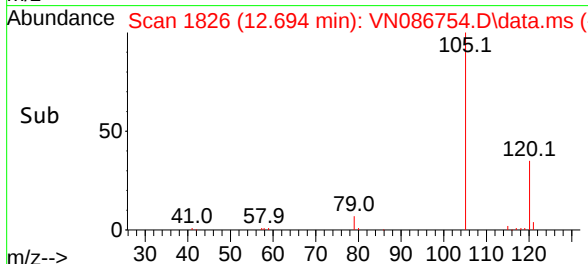
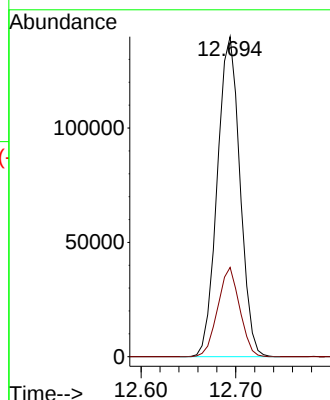
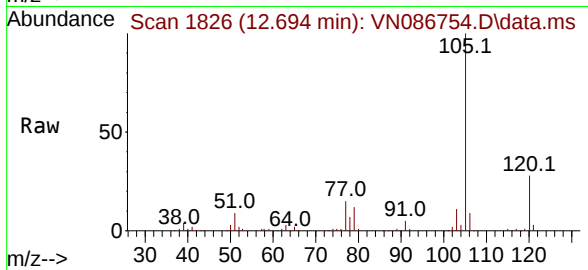
#73
Isopropylbenzene
Concen: 17.650 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion:105 Resp: 232972
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

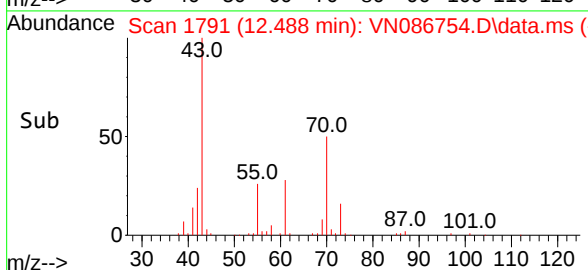
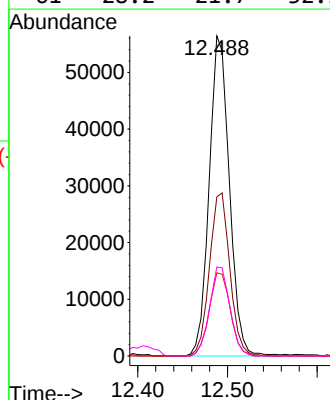
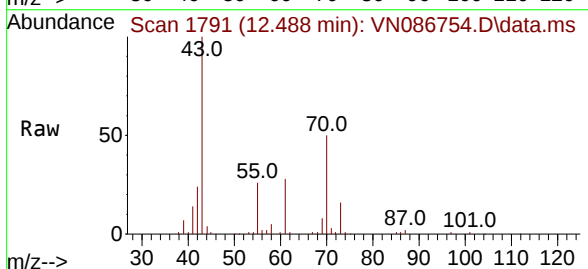
Manual Integrations
APPROVED

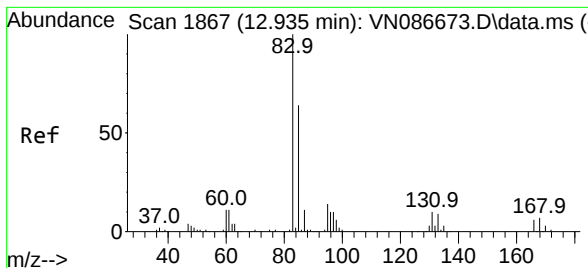
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#74
N-ethyl acetate
Concen: 15.990 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

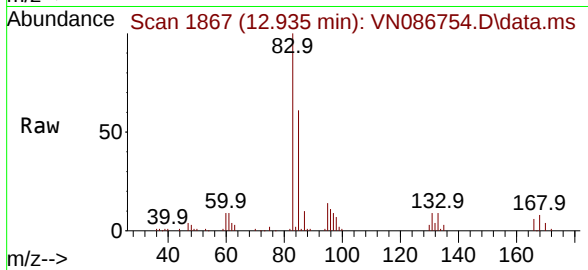
Tgt Ion: 43 Resp: 88180
Ion Ratio Lower Upper
43 100
70 51.3 37.9 56.9
55 27.0 20.5 30.7
61 28.2 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 17.189 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

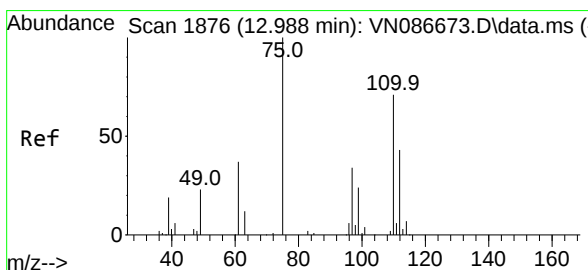
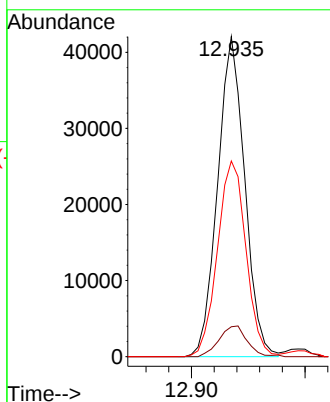
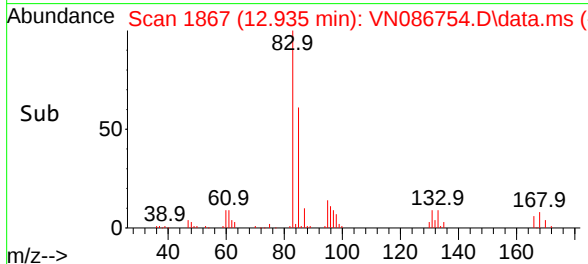
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



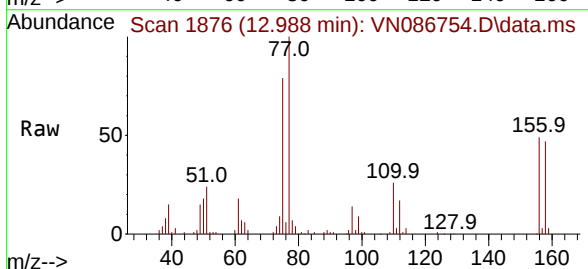
Tgt Ion: 83 Resp: 69704
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.3 32.4 97.2

Manual Integrations
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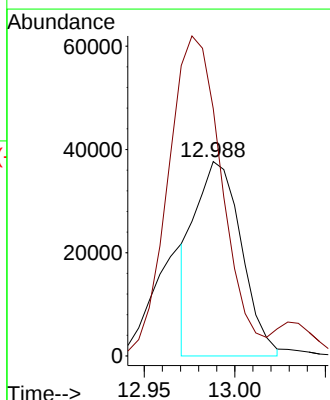
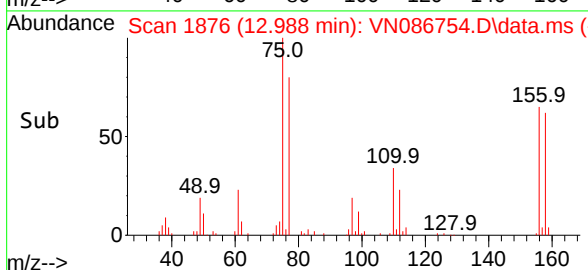
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

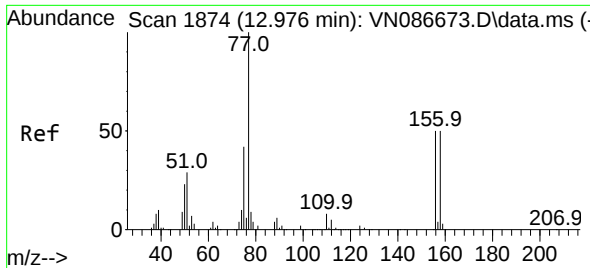


#76
1,2,3-Trichloropropane
Concen: 17.464 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18



Tgt Ion: 75 Resp: 67500
Ion Ratio Lower Upper
75 100
77 190.1 96.0 288.1





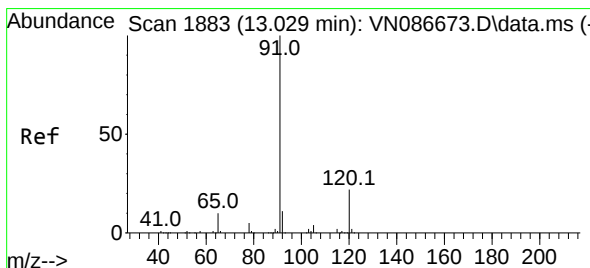
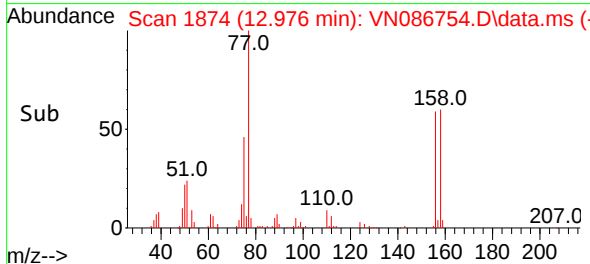
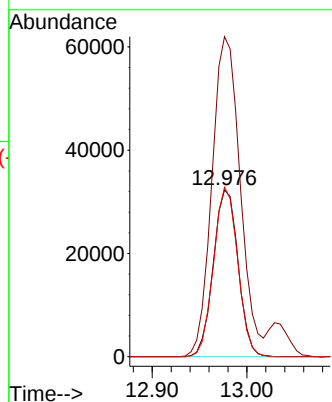
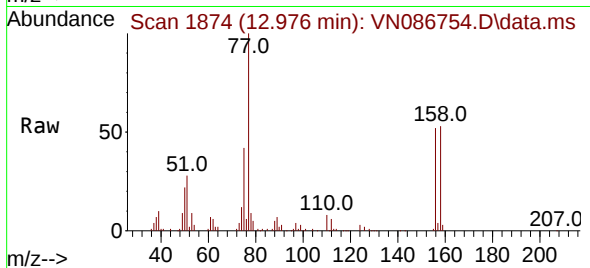
#77
Bromobenzene
Concen: 17.682 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion:156 Resp: 58709
Ion Ratio Lower Upper
156 100
77 218.6 113.1 339.2
158 98.9 48.6 145.9

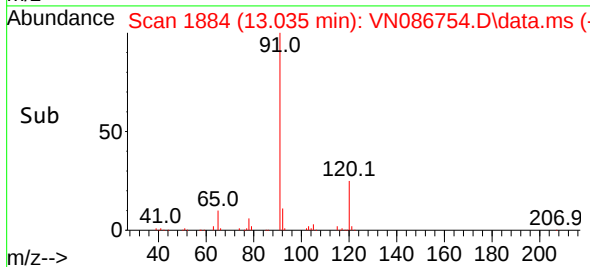
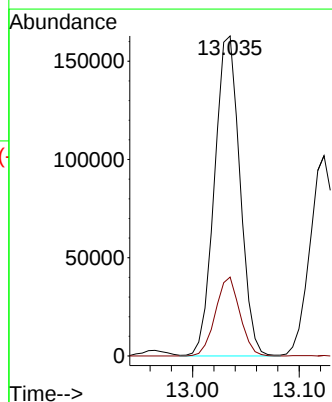
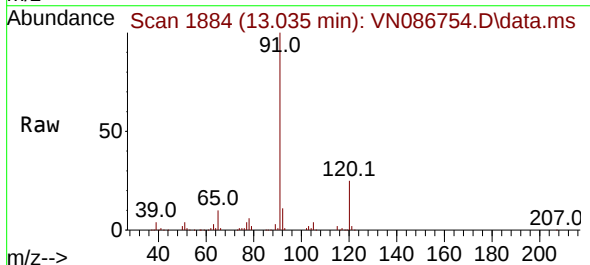
Manual Integrations
APPROVED

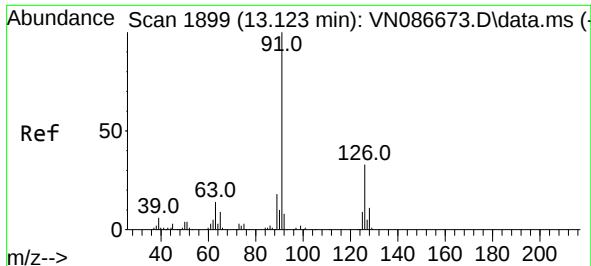
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#78
n-propylbenzene
Concen: 17.811 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Tgt Ion: 91 Resp: 269787
Ion Ratio Lower Upper
91 100
120 23.6 11.4 34.1





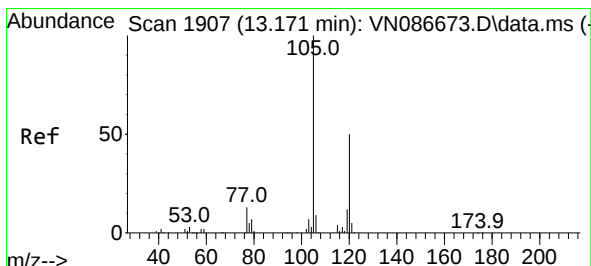
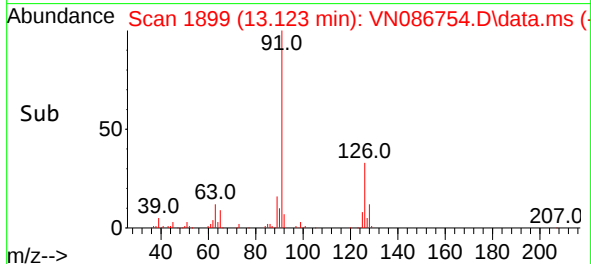
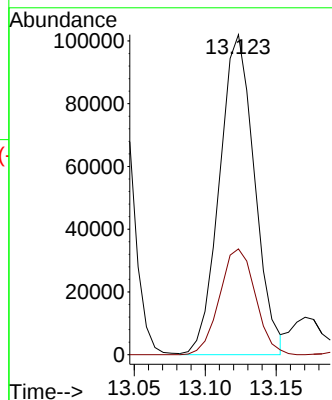
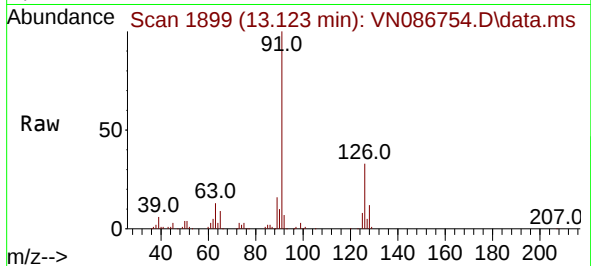
#79
2-Chlorotoluene
Concen: 17.823 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion: 91 Resp: 175534
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.7

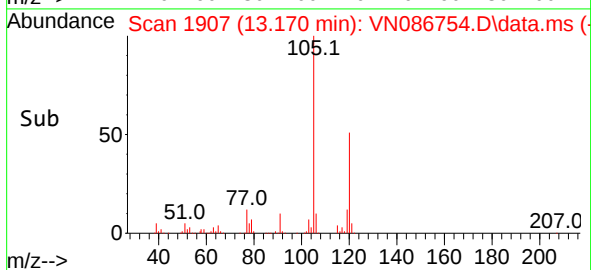
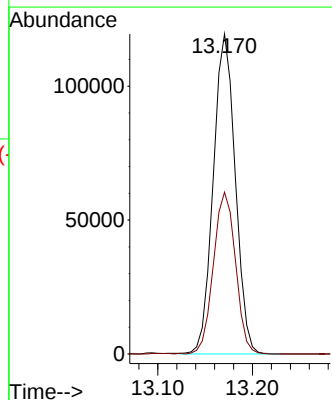
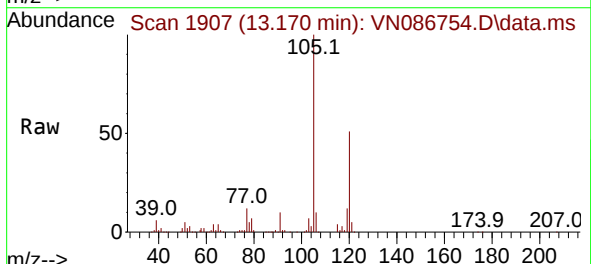
Manual Integrations
APPROVED

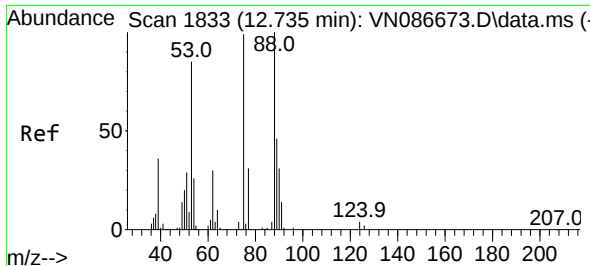
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.246 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

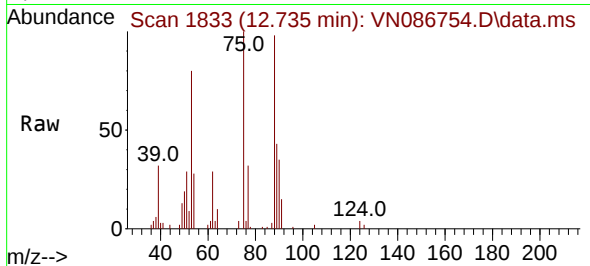
Tgt Ion:105 Resp: 192948
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.973 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

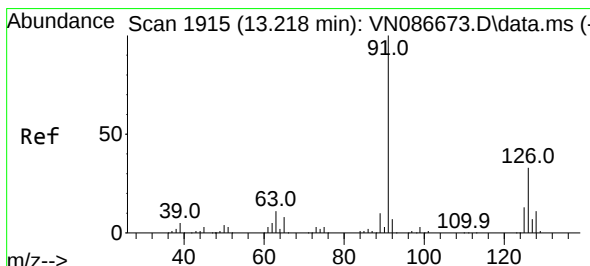
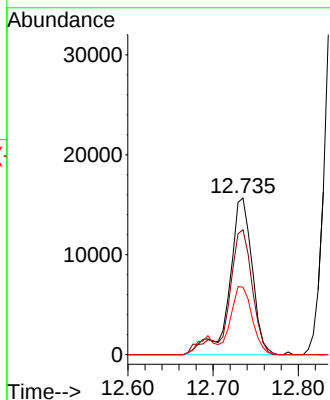
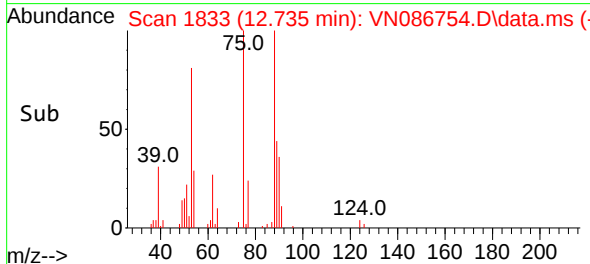
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion: 75 Resp: 2905
Ion Ratio Lower Upper
75 100
53 82.9 70.4 105.6
89 40.9 32.4 48.6

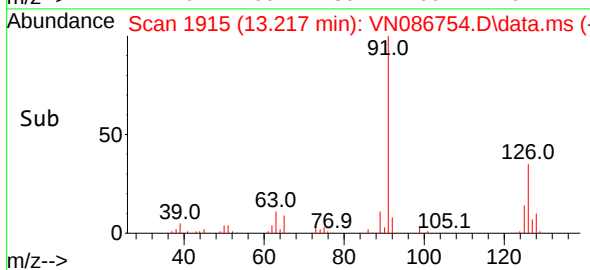
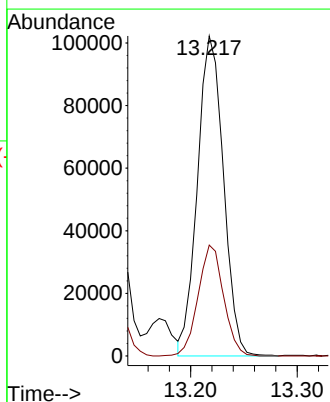
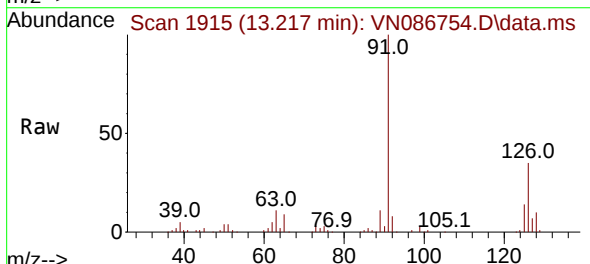
Manual Integrations
APPROVED

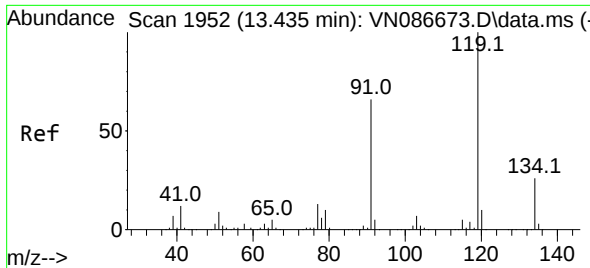
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#82
4-Chlorotoluene
Concen: 17.814 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

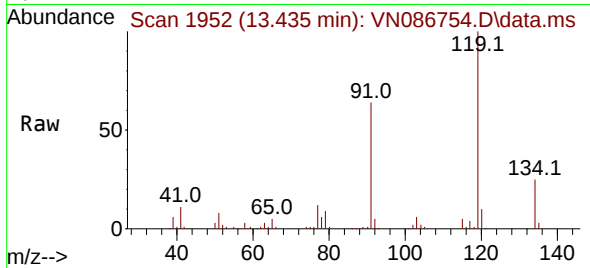
Tgt Ion: 91 Resp: 173825
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9





#83
tert-Butylbenzene
Concen: 18.609 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

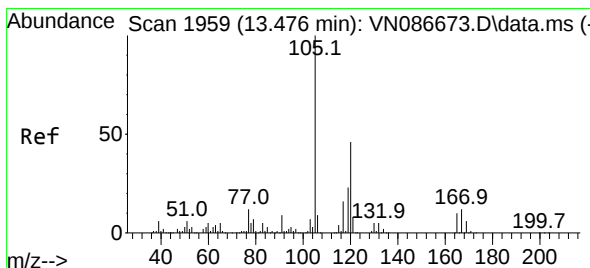
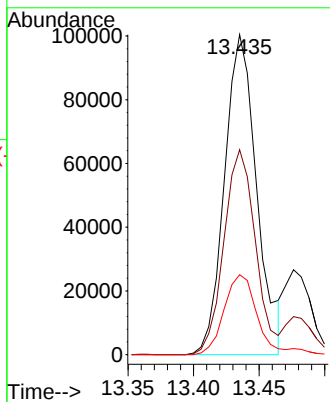
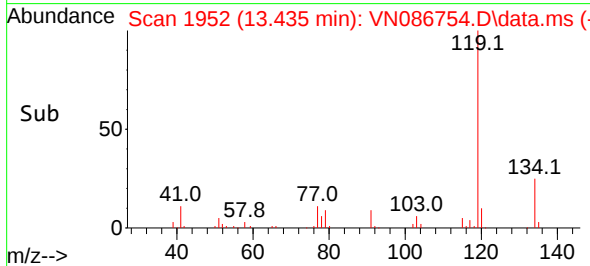
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



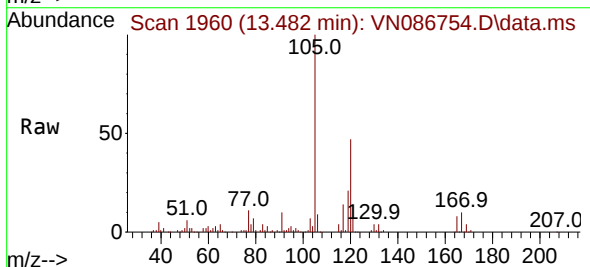
Tgt Ion:119 Resp: 171618
Ion Ratio Lower Upper
119 100
91 62.9 32.9 98.7
134 26.1 13.4 40.1

Manual Integrations
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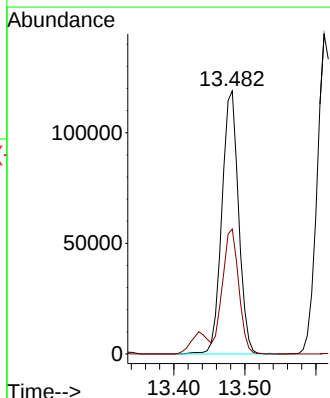
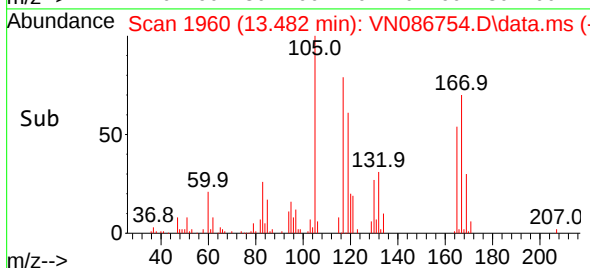
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

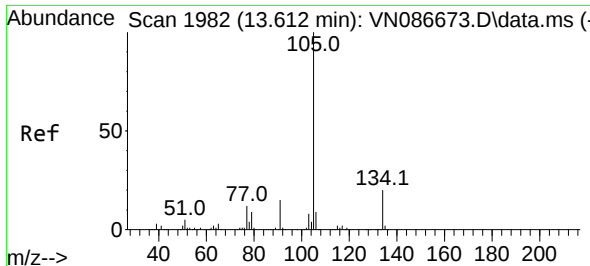


#84
1,2,4-Trimethylbenzene
Concen: 18.386 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18



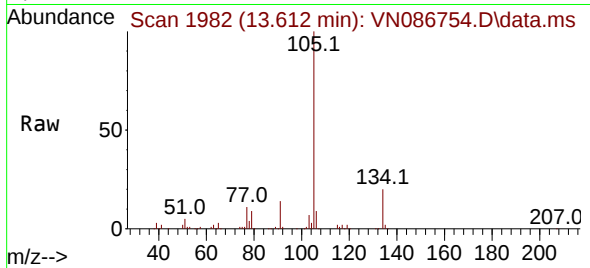
Tgt Ion:105 Resp: 193619
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 18.597 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

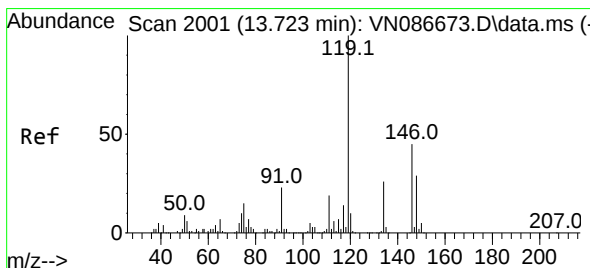
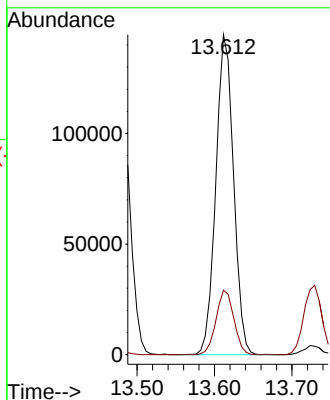
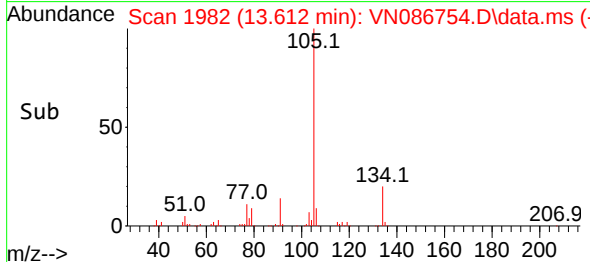
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBS01



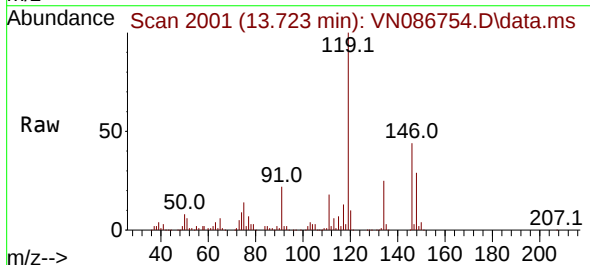
Tgt Ion:105 Resp: 22997
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
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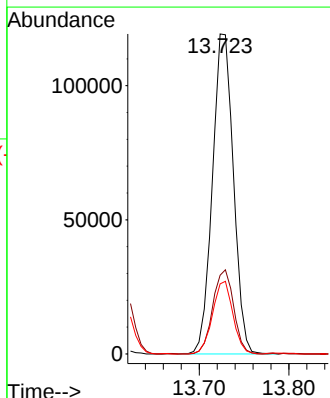
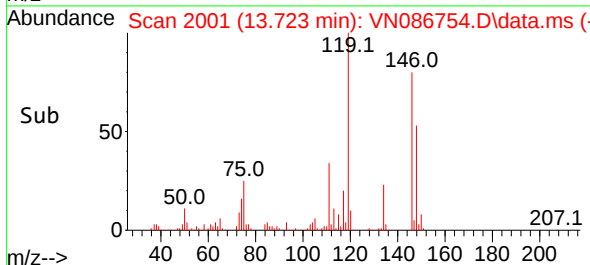
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

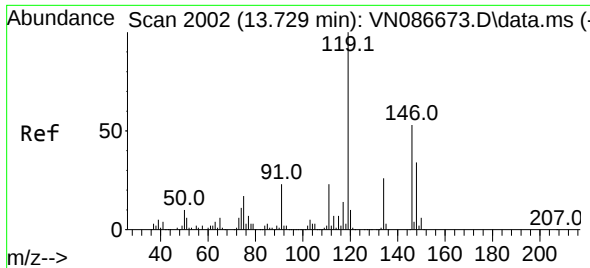


#86
 p-Isopropyltoluene
 Concen: 19.166 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18



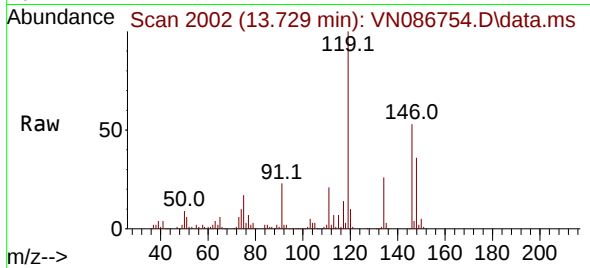
Tgt Ion:119 Resp: 194269
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 22.0 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 18.787 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

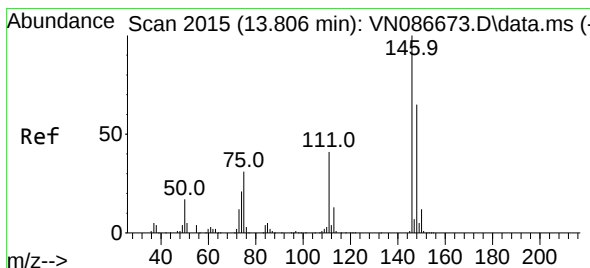
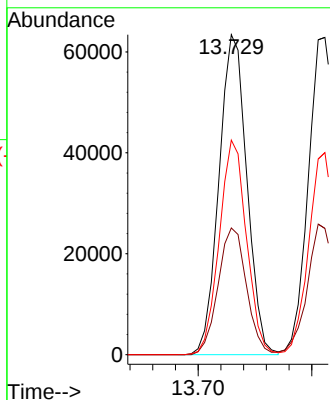
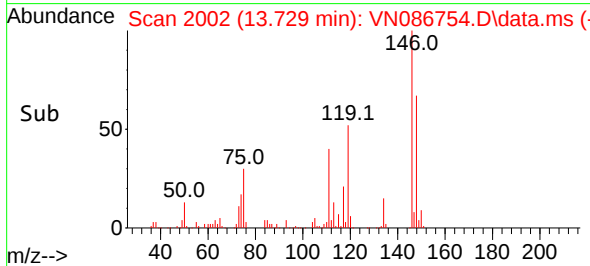
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



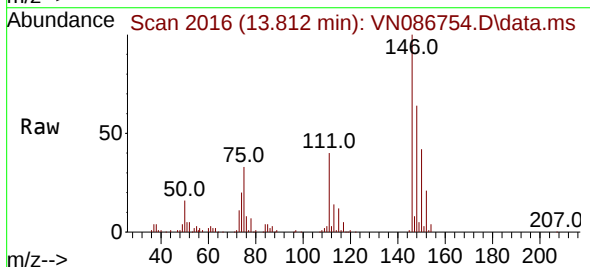
Tgt Ion:146 Resp: 108014
Ion Ratio Lower Upper
146 100
111 40.2 20.9 62.7
148 65.6 31.8 95.4

Manual Integrations
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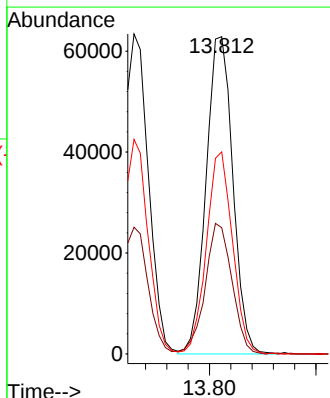
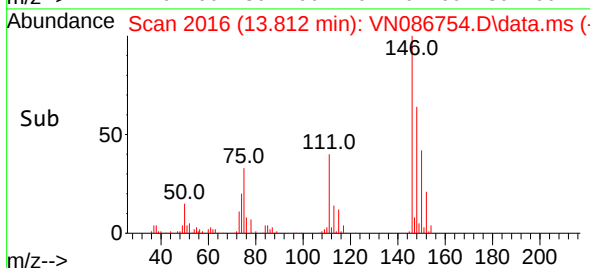
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

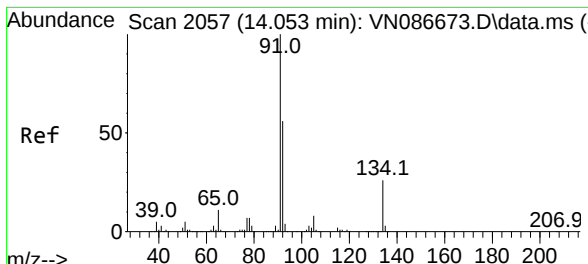


#88
1,4-Dichlorobenzene
Concen: 19.300 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18



Tgt Ion:146 Resp: 109941
Ion Ratio Lower Upper
146 100
111 41.3 20.6 61.8
148 62.1 32.0 96.0



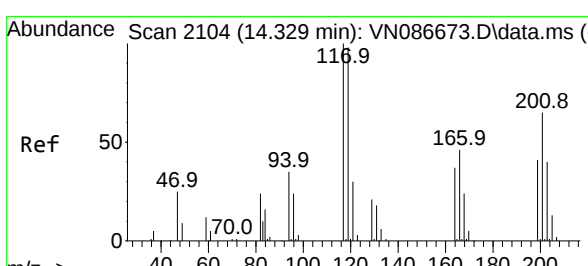
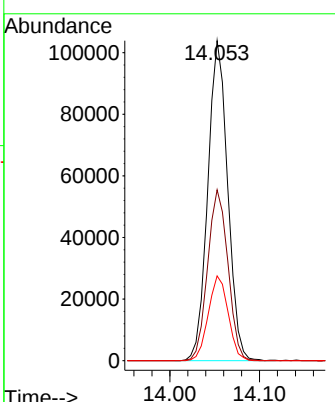
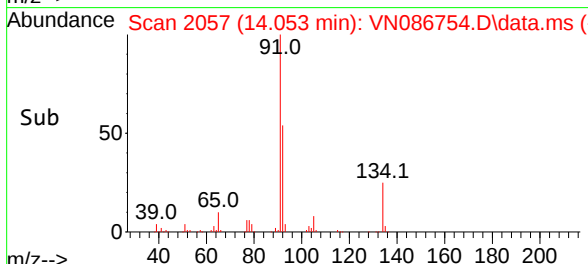
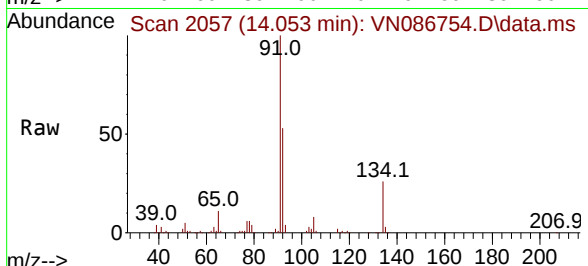


#89
 n-Butylbenzene
 Concen: 19.032 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

Instrument : MSVOA_N
 ClientSampleId : VN0522MBS01

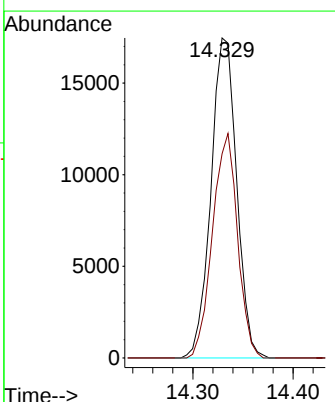
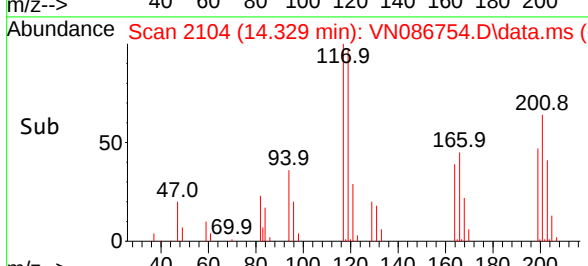
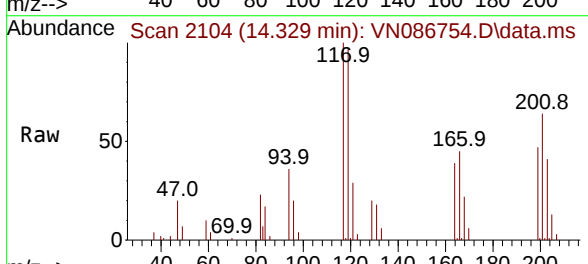
Tgt Ion:	91	Resp:	15992
Ion Ratio	Lower	Upper	
91	100		
92	54.5	27.4	82.0
134	26.5	12.8	38.4

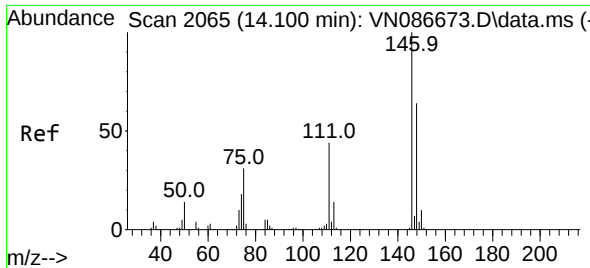
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#90
 Hexachloroethane
 Concen: 18.475 ug/l
 RT: 14.329 min Scan# 2104
 Delta R.T. -0.000 min
 Lab File: VN086754.D
 Acq: 22 May 2025 10:18

Tgt Ion:	117	Resp:	31070
Ion Ratio	Lower	Upper	
117	100		
201	68.2	32.0	96.0





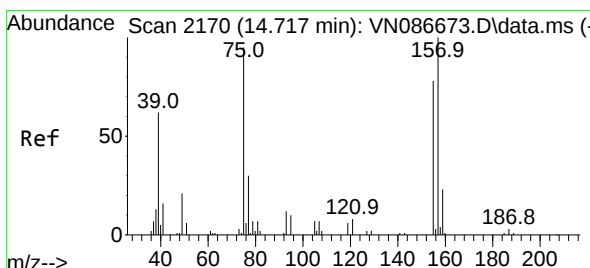
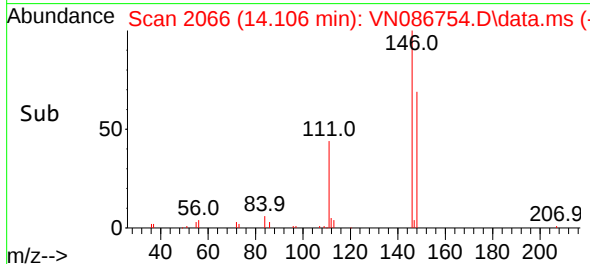
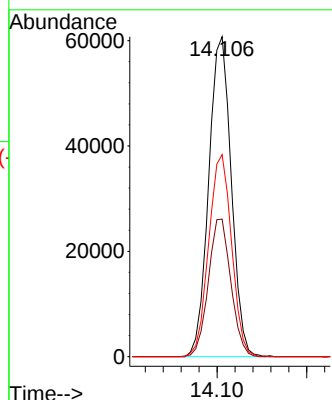
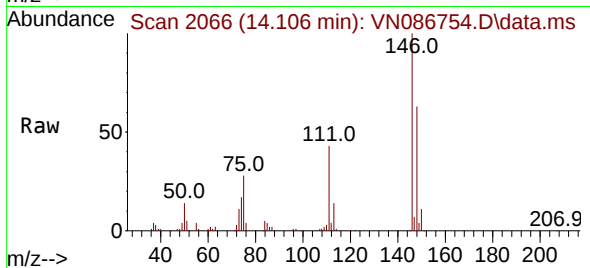
#91
1,2-Dichlorobenzene
Concen: 19.350 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion:146 Resp: 105818
Ion Ratio Lower Upper
146 100
111 43.0 21.6 65.0
148 64.2 31.7 95.1

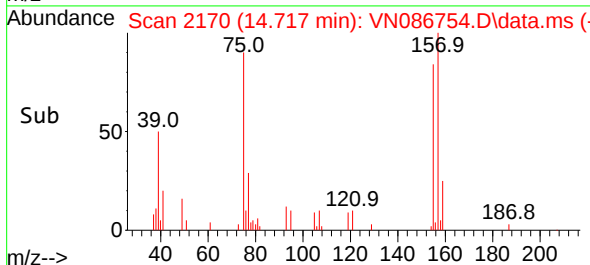
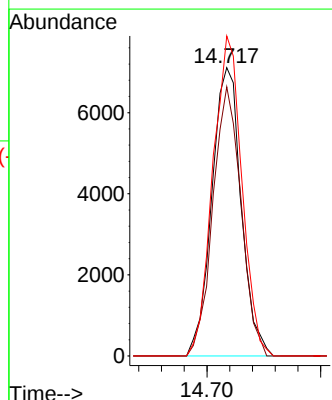
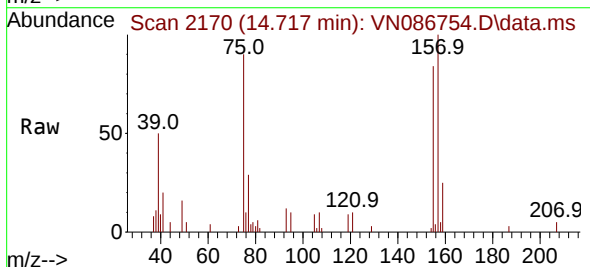
Manual Integrations
APPROVED

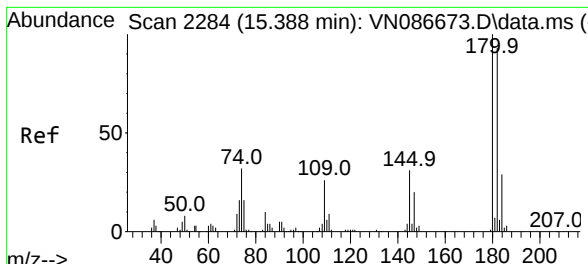
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.984 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

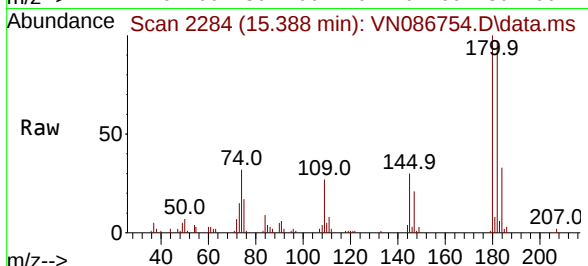
Tgt Ion: 75 Resp: 12753
Ion Ratio Lower Upper
75 100
155 89.6 40.5 121.5
157 109.8 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 20.542 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18

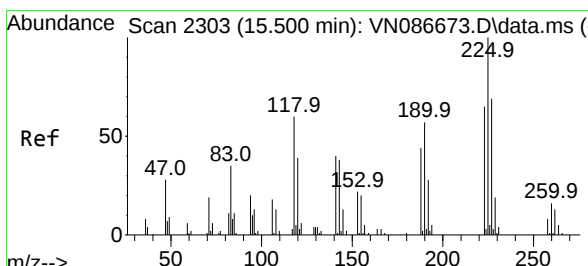
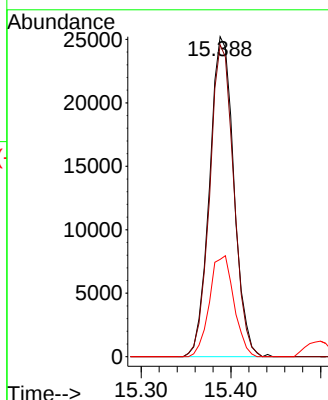
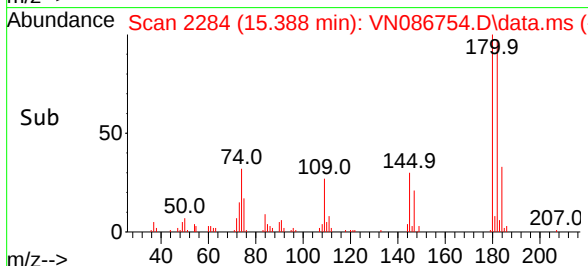
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



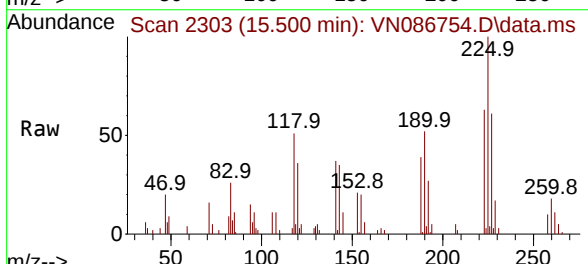
Tgt Ion:180 Resp: 47418
Ion Ratio Lower Upper
180 100
182 95.9 47.1 141.3
145 31.7 15.6 46.8

Manual Integrations
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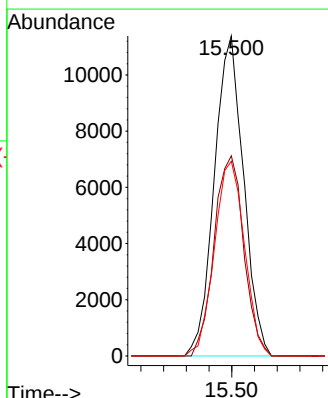
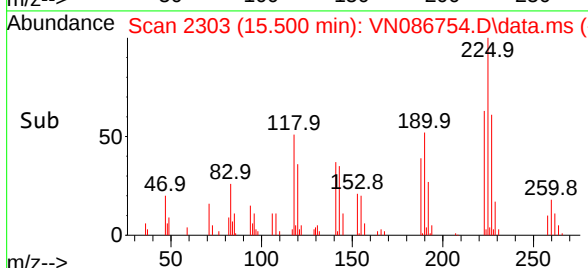
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

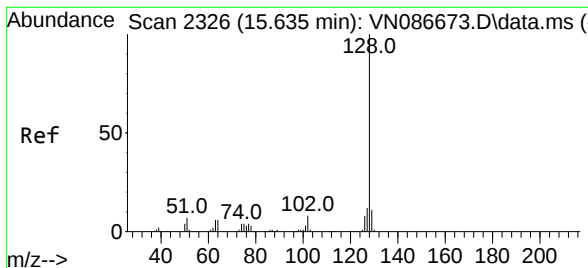


#94
Hexachlorobutadiene
Concen: 21.248 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086754.D
Acq: 22 May 2025 10:18



Tgt Ion:225 Resp: 20349
Ion Ratio Lower Upper
225 100
223 63.4 32.9 98.6
227 62.6 32.4 97.2





#95

Naphthalene

Concen: 20.600 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

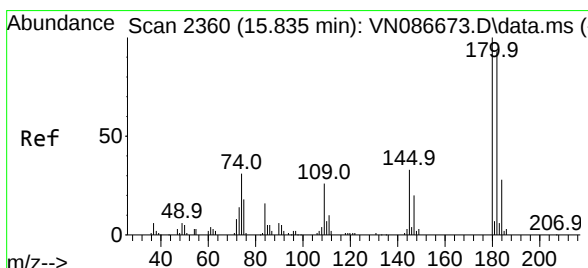
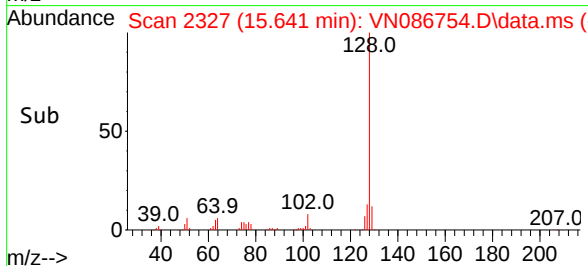
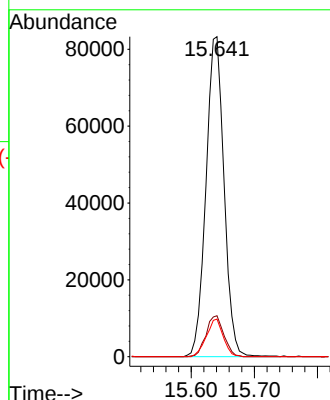
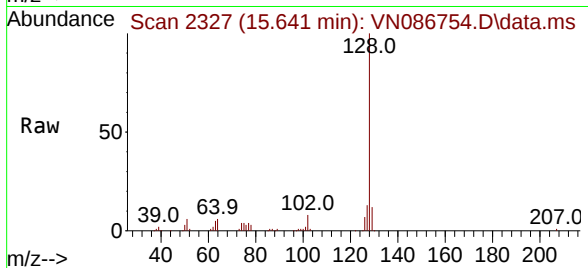
Tgt Ion:128	Resp: 165100
Ion Ratio	Lower Upper
128 100	
127 12.6	10.1 15.1
129 11.0	8.6 13.0

Manual Integrations

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Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.497 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086754.D

Acq: 22 May 2025 10:18

Tgt Ion:180	Resp: 46335
Ion Ratio	Lower Upper
180 100	
182 93.3	47.0 141.2
145 32.6	16.7 50.1

