

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086761.D
 Acq On : 22 May 2025 13:07
 Operator : JC\MD
 Sample : VN0522MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 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 01:37:00 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	8.218	168	240003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	422004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	370265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	173471	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	150951	45.516	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.040%		
35) Dibromofluoromethane	8.165	113	127569	50.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.520%		
50) Toluene-d8	10.565	98	522061	50.127	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.260%		
62) 4-Bromofluorobenzene	12.847	95	185288	50.385	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52670	20.321	ug/l	99
3) Chloromethane	2.359	50	65297	16.656	ug/l	98
4) Vinyl Chloride	2.512	62	63322	17.985	ug/l	99
5) Bromomethane	2.948	94	35544	17.512	ug/l	94
6) Chloroethane	3.112	64	40597	17.602	ug/l	96
7) Trichlorofluoromethane	3.500	101	81837	19.450	ug/l	100
8) Diethyl Ether	3.959	74	35917	20.664	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.365	101	50253	19.951	ug/l	95
10) Methyl Iodide	4.589	142	59602	19.022	ug/l	97
11) Tert butyl alcohol	5.512	59	56223	93.085	ug/l	99
12) 1,1-Dichloroethene	4.342	96	52004	19.427	ug/l	93
13) Acrolein	4.177	56	54317	84.123	ug/l	99
14) Allyl chloride	5.024	41	69622	17.183	ug/l	95
15) Acrylonitrile	5.712	53	140782	94.138	ug/l	98
16) Acetone	4.430	43	103750	83.632	ug/l	97
17) Carbon Disulfide	4.706	76	132976	17.942	ug/l	99
18) Methyl Acetate	5.018	43	61868	17.818	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	181408	19.902	ug/l	99
20) Methylene Chloride	5.277	84	60270	18.411	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	54910	19.401	ug/l	95
22) Diisopropyl ether	6.671	45	169983	18.596	ug/l	96
23) Vinyl Acetate	6.600	43	614694	89.474	ug/l	96
24) 1,1-Dichloroethane	6.565	63	98765	18.403	ug/l	99
25) 2-Butanone	7.483	43	170970	89.186	ug/l	95
26) 2,2-Dichloropropane	7.488	77	80499	18.175	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	67987	19.570	ug/l	95
28) Bromochloromethane	7.812	49	43196	17.715	ug/l	87
29) Tetrahydrofuran	7.835	42	112802	90.151	ug/l	94
30) Chloroform	7.965	83	99282	18.482	ug/l	99
31) Cyclohexane	8.253	56	88993	17.879	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	87588	19.339	ug/l	95
36) 1,1-Dichloropropene	8.371	75	73314	19.777	ug/l	99
37) Ethyl Acetate	7.553	43	67998	18.159	ug/l	98
38) Carbon Tetrachloride	8.359	117	72609	19.879	ug/l	99
39) Methylcyclohexane	9.594	83	79226	19.746	ug/l	97
40) Benzene	8.600	78	239697	19.821	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	36521	18.063	ug/l	94
42) 1,2-Dichloroethane	8.665	62	71707	19.033	ug/l	96
43) Isopropyl Acetate	8.682	43	122591	16.330	ug/l	95
44) Trichloroethene	9.347	130	61928	21.231	ug/l	95
45) 1,2-Dichloropropane	9.618	63	56242	19.577	ug/l	99
46) Dibromomethane	9.706	93	38559	19.891	ug/l	96
47) Bromodichloromethane	9.882	83	78016	19.533	ug/l	97
48) Methyl methacrylate	9.677	41	54634	18.781	ug/l	93
49) 1,4-Dioxane	9.694	88	25654	416.484	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	347716	91.850	ug/l	95
52) Toluene	10.629	92	150180	19.981	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	83961	19.855	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	91713	19.867	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	55962	19.960	ug/l	98
56) Ethyl methacrylate	10.871	69	92309	20.505	ug/l	94
57) 1,3-Dichloropropane	11.159	76	95880	19.850	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	197522	98.175	ug/l	97
59) 2-Hexanone	11.194	43	254760	92.153	ug/l	95
60) Dibromochloromethane	11.359	129	60635	20.636	ug/l	98
61) 1,2-Dibromoethane	11.465	107	56927	20.205	ug/l	98
64) Tetrachloroethene	11.100	164	64358	22.690	ug/l	93
65) Chlorobenzene	11.888	112	165728	20.412	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	54407	20.757	ug/l	98
67) Ethyl Benzene	11.959	91	280240	20.151	ug/l	98
68) m/p-Xylenes	12.065	106	219400	41.652	ug/l	96
69) o-Xylene	12.394	106	107898	20.604	ug/l	99
70) Styrene	12.406	104	180125	21.009	ug/l	98
71) Bromoform	12.576	173	41077	22.036	ug/l #	96
73) Isopropylbenzene	12.694	105	259811	19.392	ug/l	100
74) N-amyl acetate	12.488	43	98883	17.665	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	73616	17.885	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	71687m	18.273	ug/l	
77) Bromobenzene	12.976	156	64538	19.149	ug/l	96
78) n-propylbenzene	13.029	91	289765	18.846	ug/l	98
79) 2-Chlorotoluene	13.123	91	190338	19.039	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	209751	19.541	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	30589	19.677	ug/l	89
82) 4-Chlorotoluene	13.217	91	187125	18.893	ug/l	99
83) tert-Butylbenzene	13.435	119	182936	19.542	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	214802	20.095	ug/l	98
85) sec-Butylbenzene	13.612	105	249369	19.867	ug/l	99
86) p-Isopropyltoluene	13.723	119	211720	20.578	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	117402	20.117	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	117439	20.310	ug/l	100
89) n-Butylbenzene	14.053	91	169087	19.824	ug/l	98
90) Hexachloroethane	14.329	117	33707	19.745	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	112729	20.308	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.712	75	13672	20.051	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	52179	22.269	ug/l	98
94) Hexachlorobutadiene	15.494	225	21609	22.229	ug/l	96
95) Naphthalene	15.635	128	273538	33.622	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	49303	21.487	ug/l	98

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ClientSampleId :
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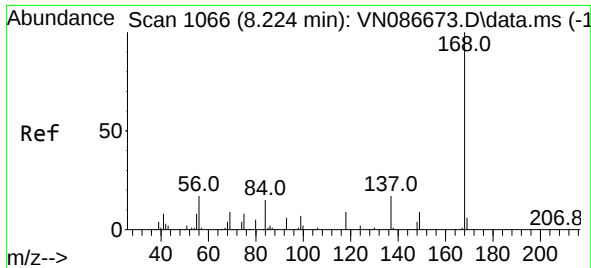
Manual Integrations
APPROVED

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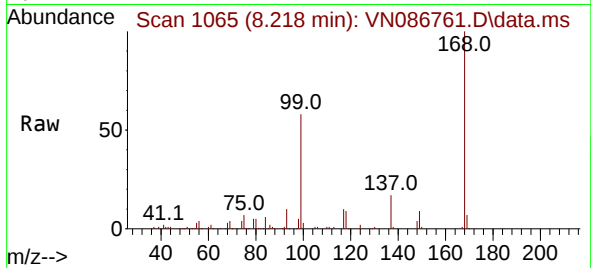
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086761.D
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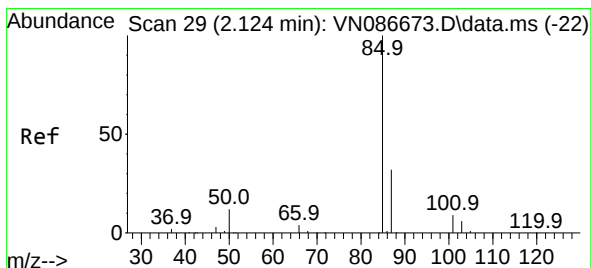
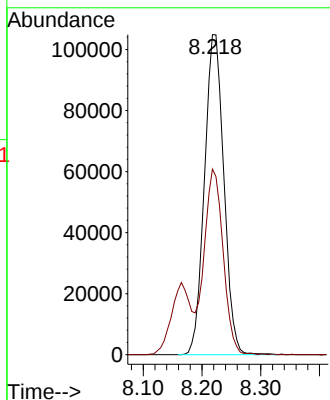
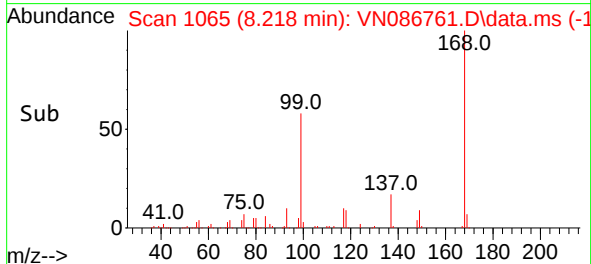
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion:168 Resp: 24000
Ion Ratio Lower Upper
168 100
99 58.0 47.0 70.4

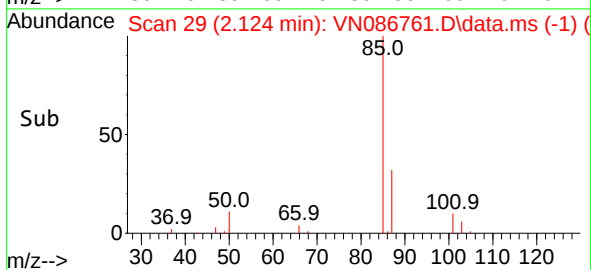
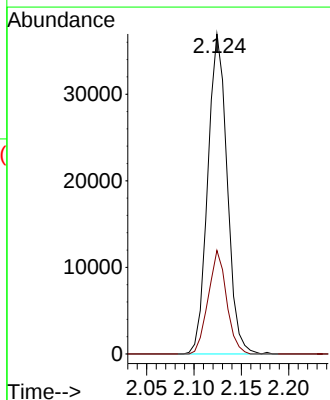
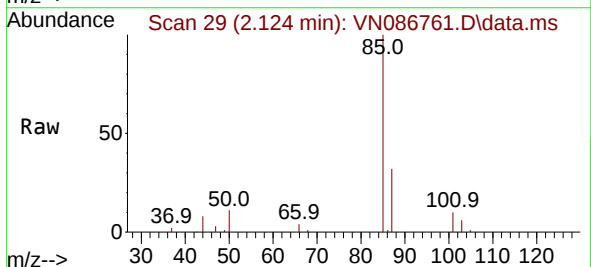
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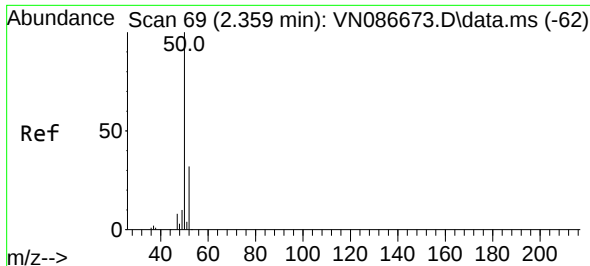
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#2
Dichlorodifluoromethane
Concen: 20.321 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

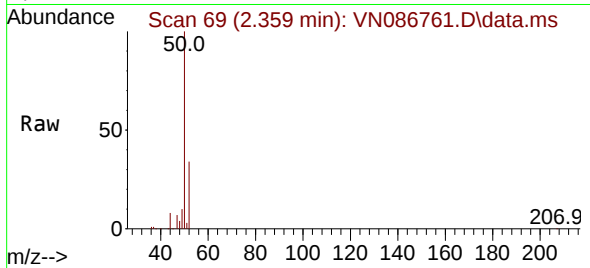
Tgt Ion: 85 Resp: 52670
Ion Ratio Lower Upper
85 100
87 32.4 15.9 47.6





#3
Chloromethane
Concen: 16.656 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

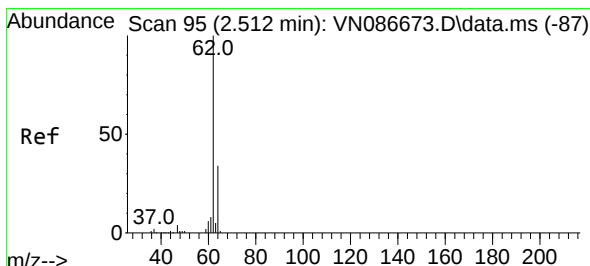
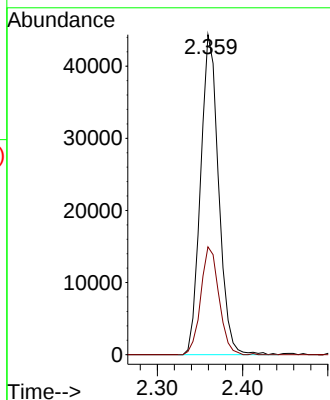
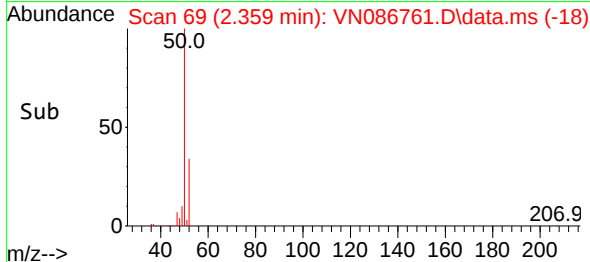
Instrument :
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ClientSampleId :
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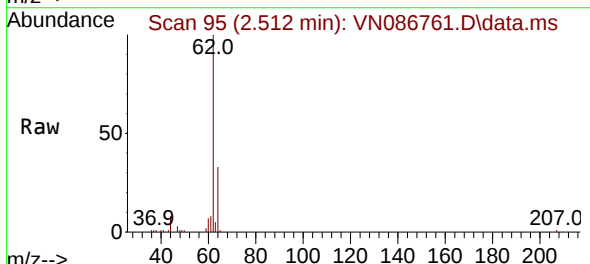
Tgt Ion: 50 Resp: 6529
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9

Manual Integrations
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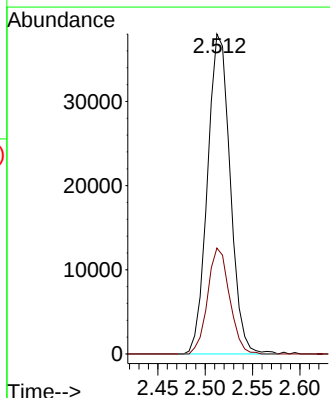
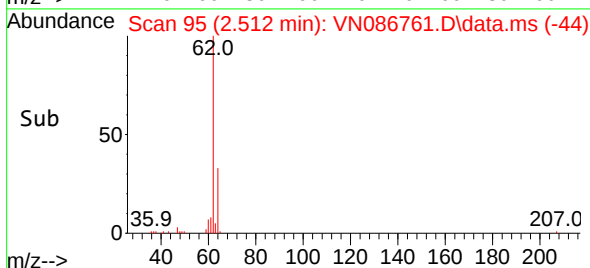
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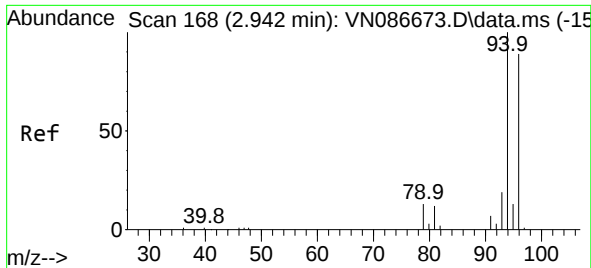


#4
Vinyl Chloride
Concen: 17.985 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



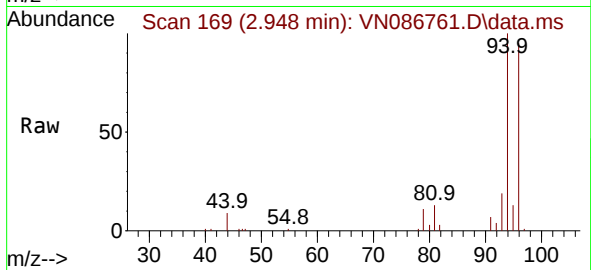
Tgt Ion: 62 Resp: 63322
Ion Ratio Lower Upper
62 100
64 33.1 26.9 40.3





#5
Bromomethane
Concen: 17.512 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

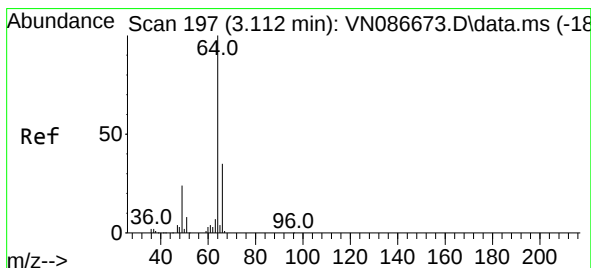
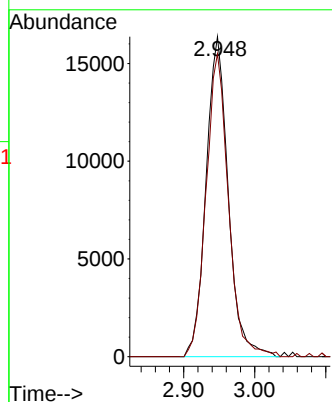
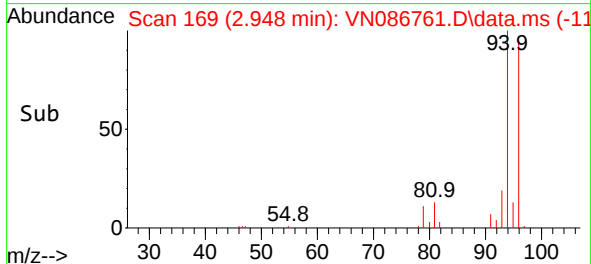
Instrument :
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Tgt Ion: 94 Resp: 35544
Ion Ratio Lower Upper
94 100
96 94.7 71.2 106.8

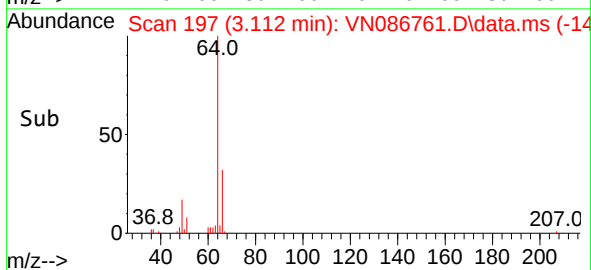
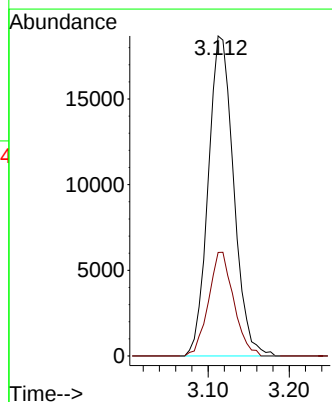
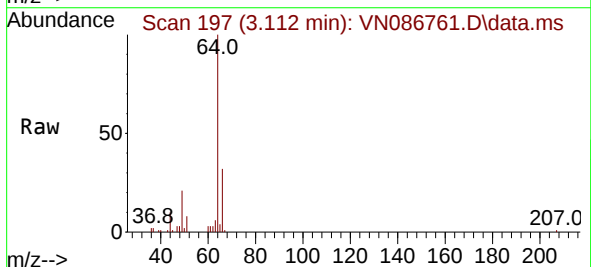
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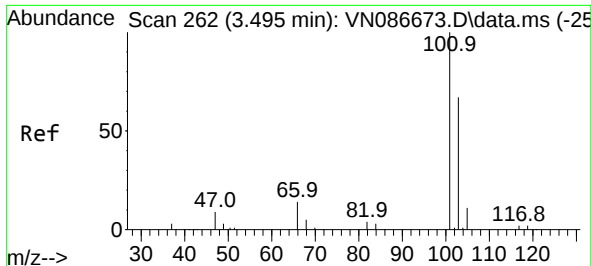
Reviewed By :John Carlone 05/23/2025
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#6
Chloroethane
Concen: 17.602 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
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Acq: 22 May 2025 13:07

Tgt Ion: 64 Resp: 40597
Ion Ratio Lower Upper
64 100
66 32.3 27.7 41.5





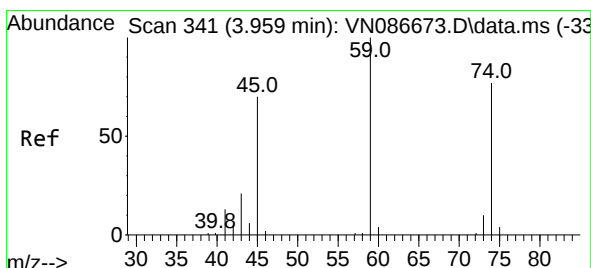
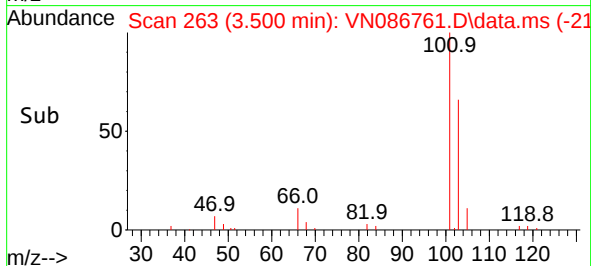
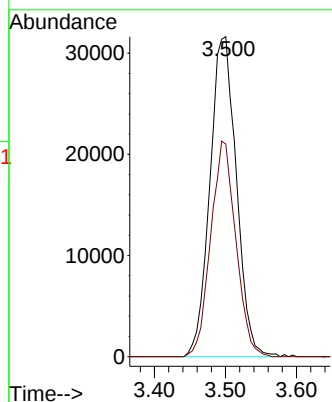
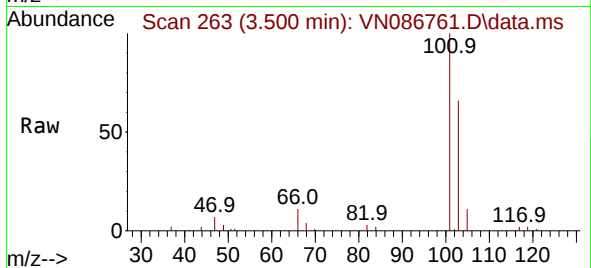
#7
Trichlorofluoromethane
Concen: 19.450 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01

Tgt Ion:101 Resp: 8183
Ion Ratio Lower Upper
101 100
103 66.4 53.4 80.0

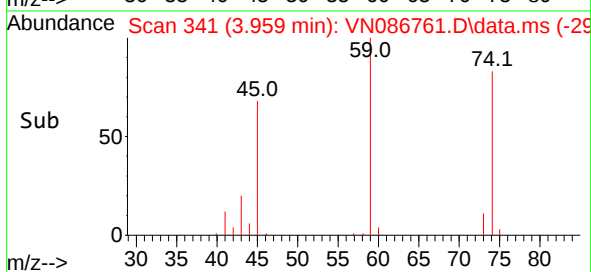
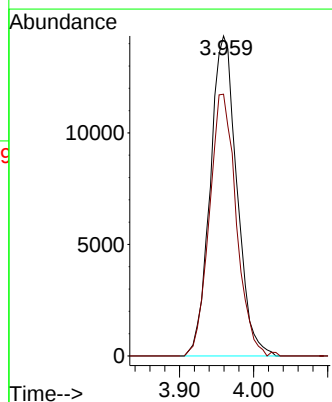
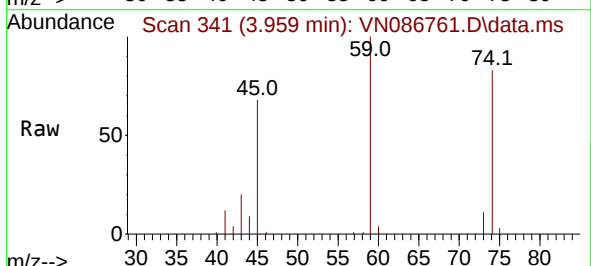
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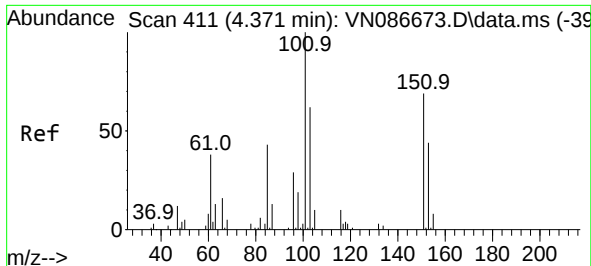
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#8
Diethyl Ether
Concen: 20.664 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Tgt Ion: 74 Resp: 35917
Ion Ratio Lower Upper
74 100
45 82.0 45.0 135.0





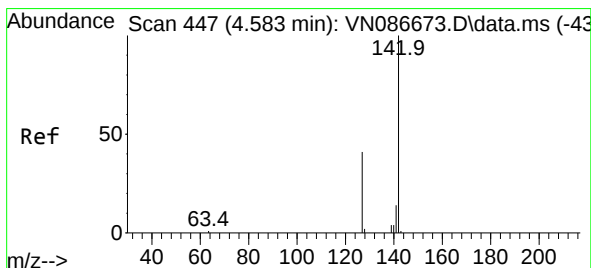
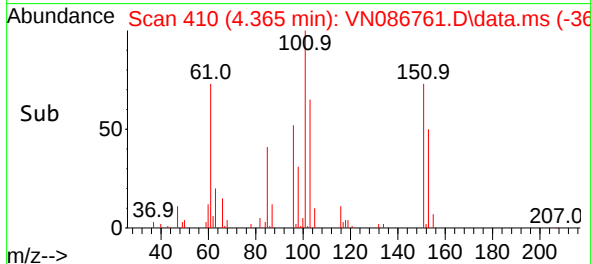
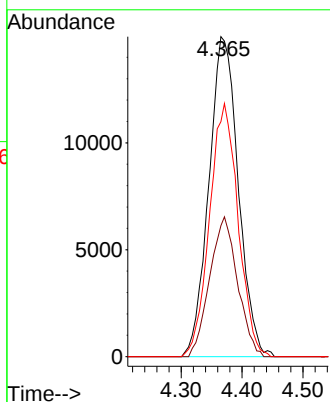
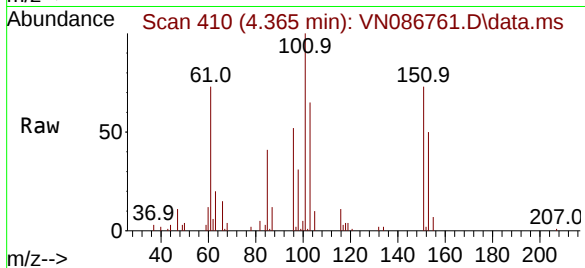
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.951 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01

Tgt Ion:101 Resp: 5025
Ion Ratio Lower Upper
101 100
85 41.3 35.0 52.6
151 76.7 58.1 87.1

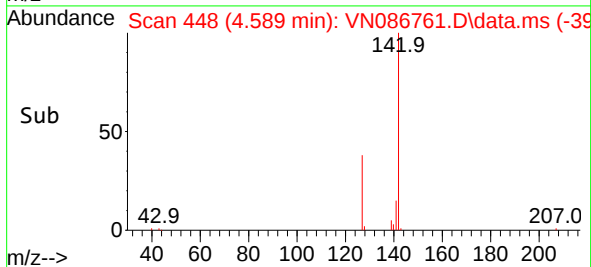
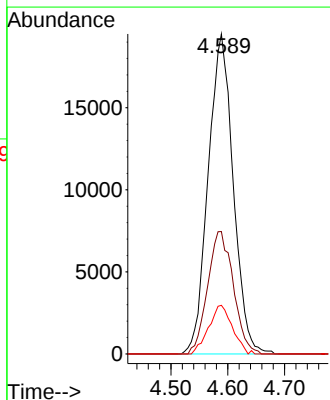
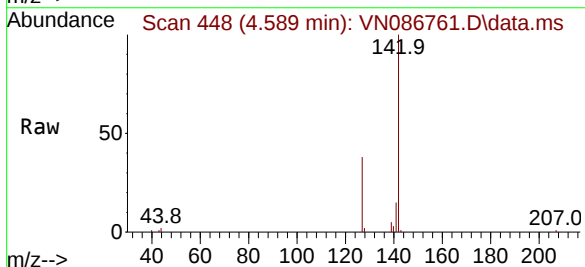
Manual Integrations
APPROVED

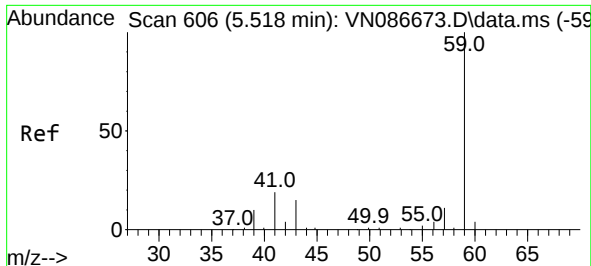
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#10
Methyl Iodide
Concen: 19.022 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Tgt Ion:142 Resp: 59602
Ion Ratio Lower Upper
142 100
127 38.2 32.4 48.6
141 15.2 11.4 17.2





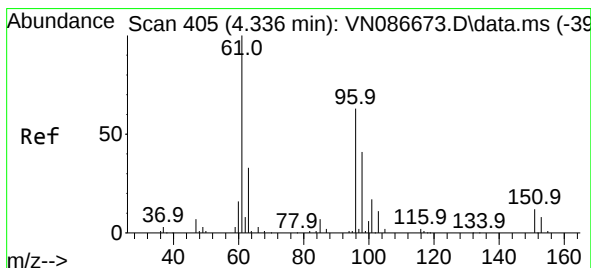
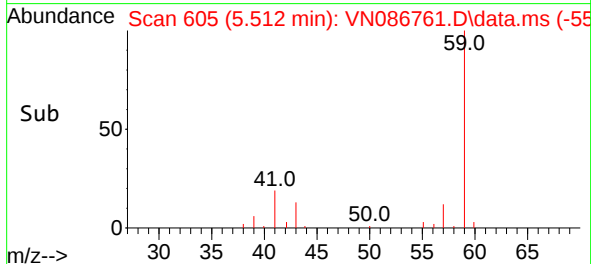
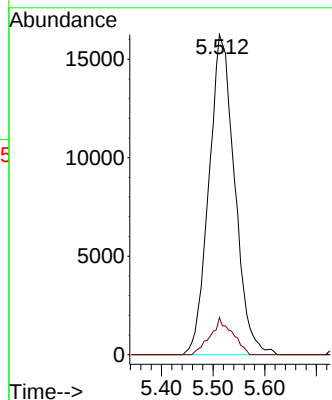
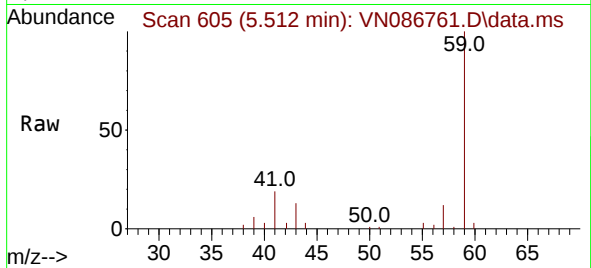
#11
Tert butyl alcohol
Concen: 93.085 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01

Tgt Ion: 59 Resp: 5622
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

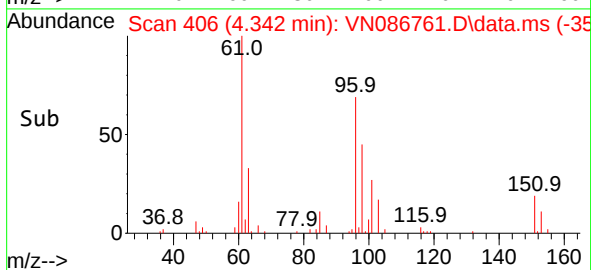
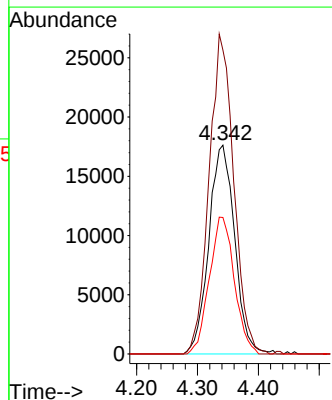
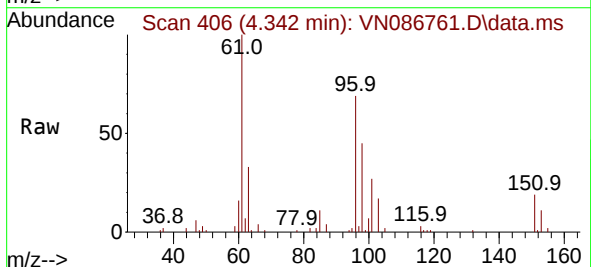
Manual Integrations
APPROVED

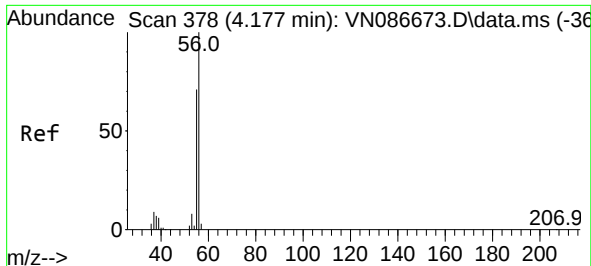
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#12
1,1-Dichloroethene
Concen: 19.427 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

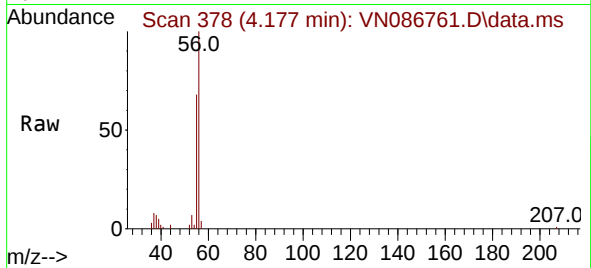
Tgt Ion: 96 Resp: 52004
Ion Ratio Lower Upper
96 100
61 145.6 126.2 189.2
98 65.4 51.5 77.3





#13
Acrolein
Concen: 84.123 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

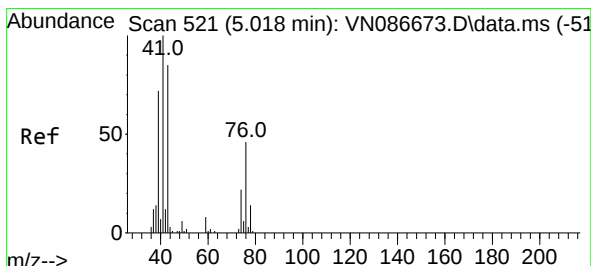
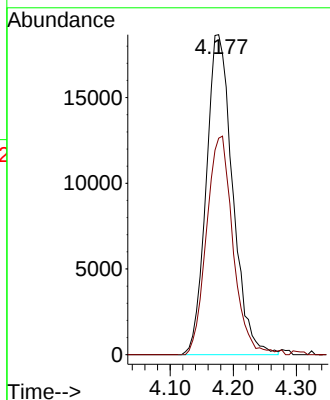
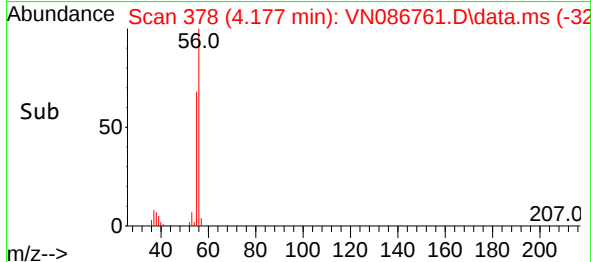
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



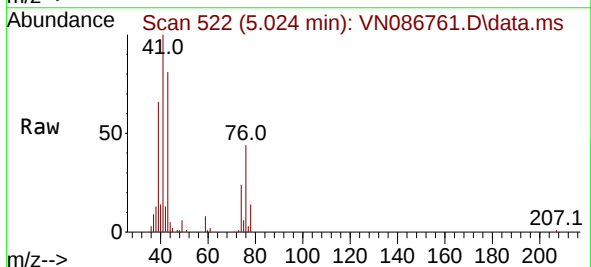
Tgt Ion: 56 Resp: 5431
Ion Ratio Lower Upper
56 100
55 68.5 55.7 83.5

Manual Integrations
APPROVED

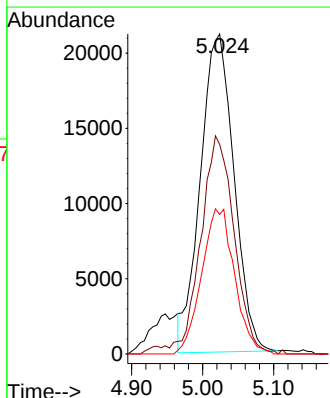
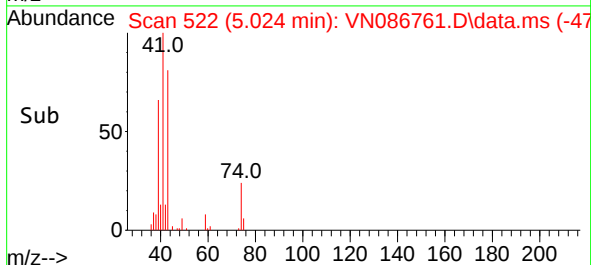
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

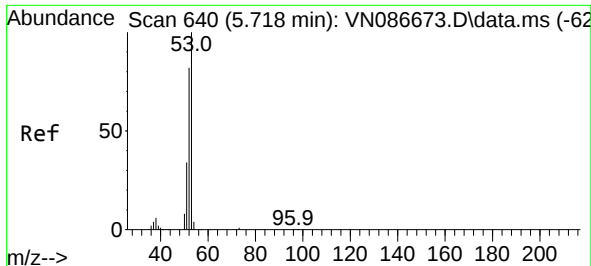


#14
Allyl chloride
Concen: 17.183 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



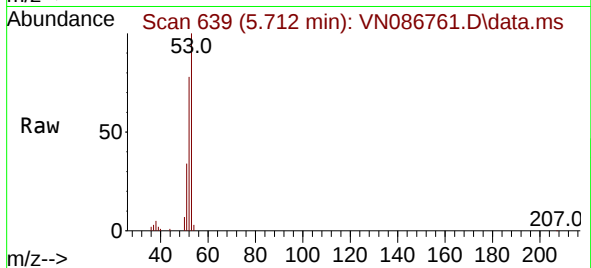
Tgt Ion: 41 Resp: 69622
Ion Ratio Lower Upper
41 100
39 67.7 57.4 86.0
76 44.8 33.2 49.8





#15
Acrylonitrile
Concen: 94.138 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

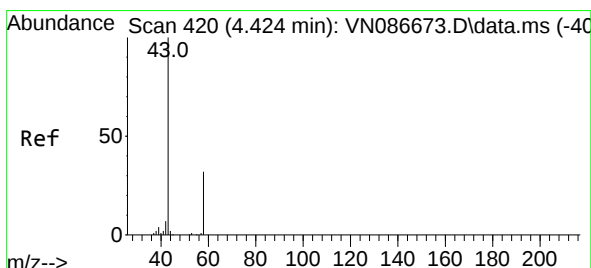
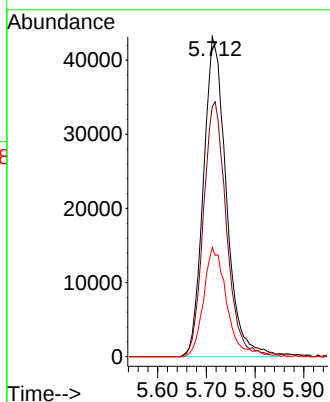
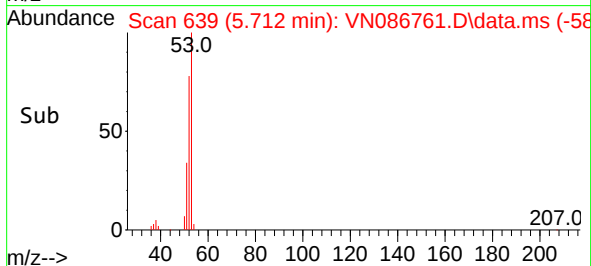
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



Tgt Ion: 53 Resp: 140782
Ion Ratio Lower Upper
53 100
52 79.7 65.4 98.2
51 34.7 27.9 41.9

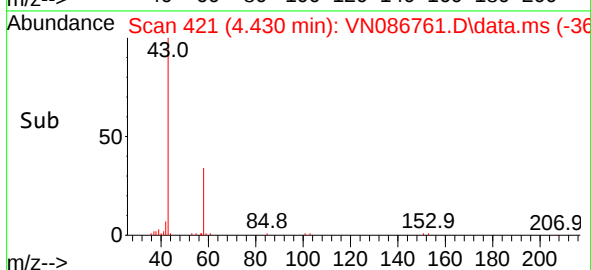
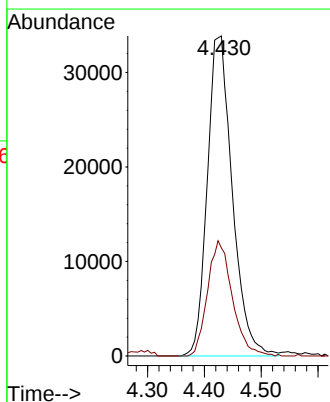
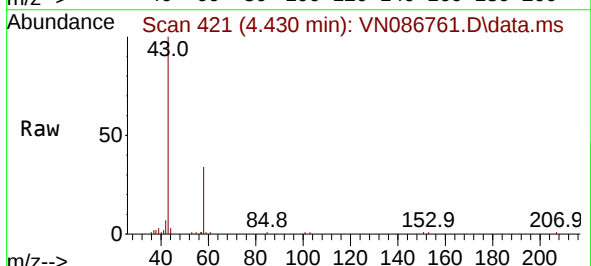
Manual Integrations
APPROVED

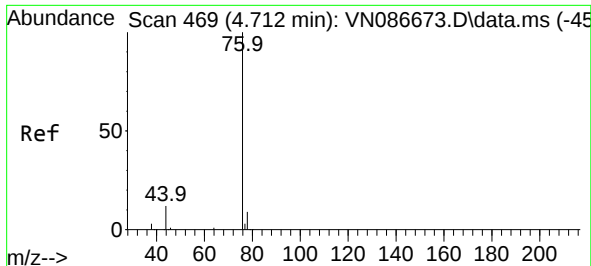
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#16
Acetone
Concen: 83.632 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

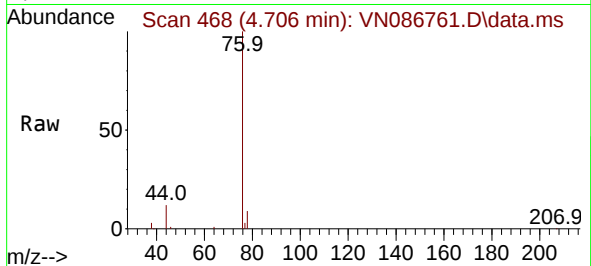
Tgt Ion: 43 Resp: 103750
Ion Ratio Lower Upper
43 100
58 33.8 25.8 38.6





#17
Carbon Disulfide
Concen: 17.942 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

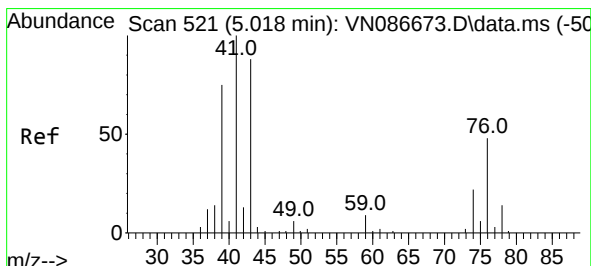
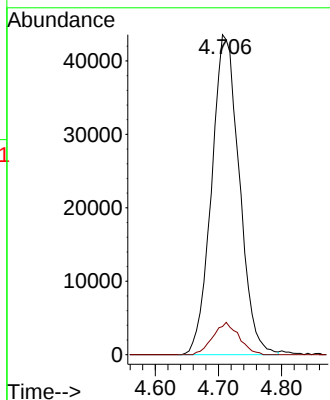
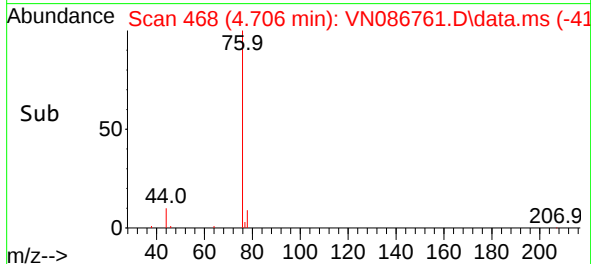
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



Tgt Ion: 76 Resp: 132970
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

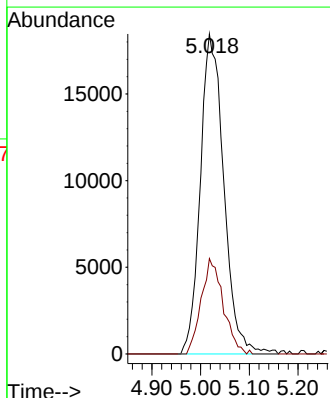
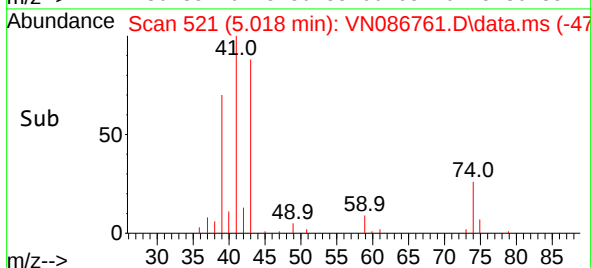
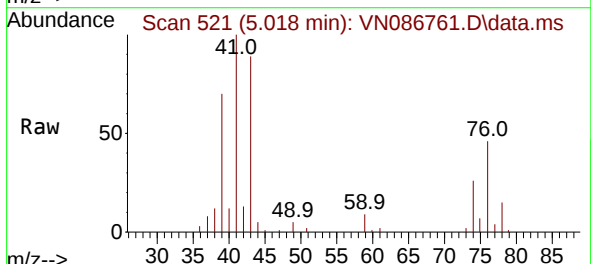
Manual Integrations
APPROVED

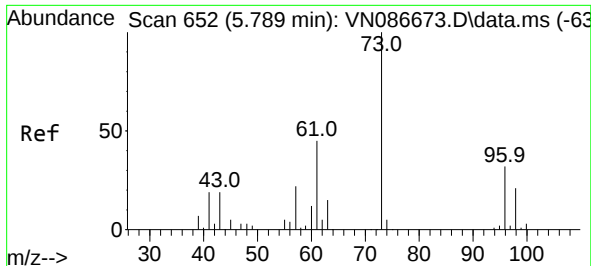
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#18
Methyl Acetate
Concen: 17.818 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Tgt Ion: 43 Resp: 61868
Ion Ratio Lower Upper
43 100
74 27.8 20.5 30.7





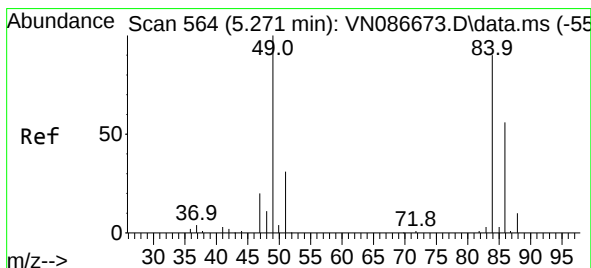
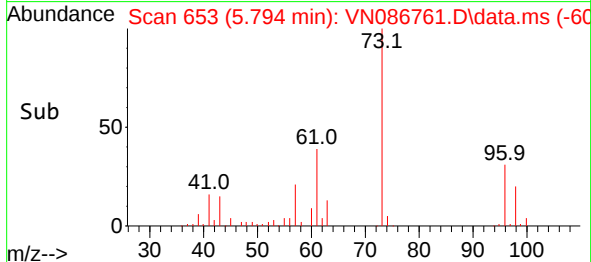
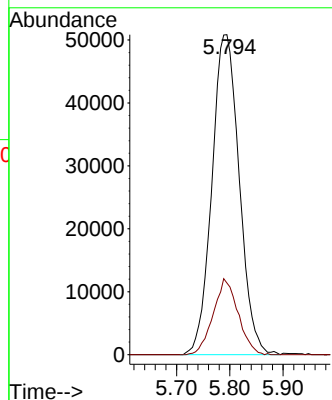
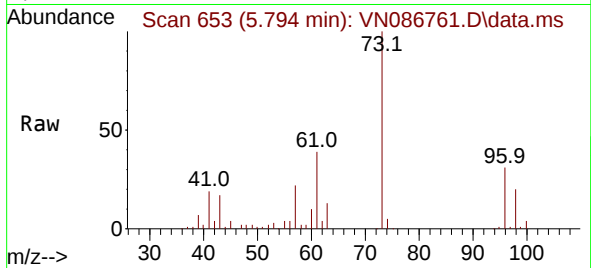
#19
Methyl tert-butyl Ether
Concen: 19.902 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion: 73 Resp: 181408
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

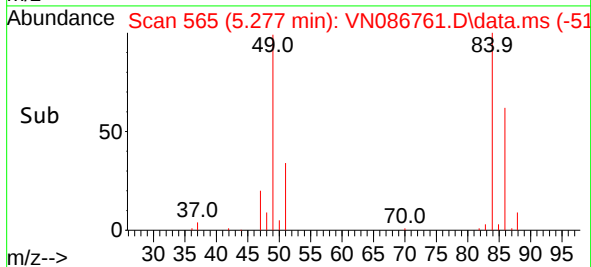
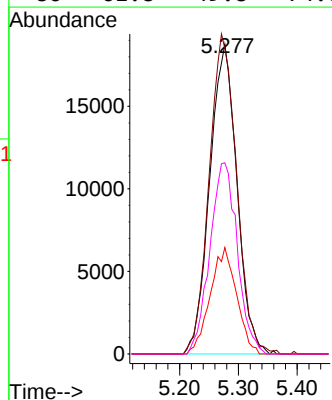
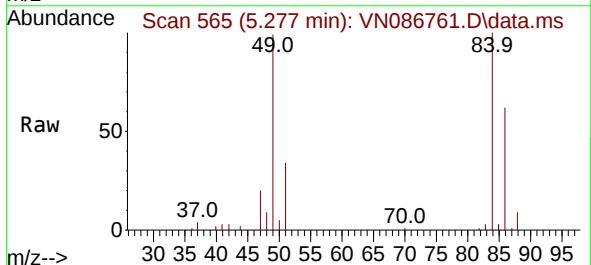
Manual Integrations
APPROVED

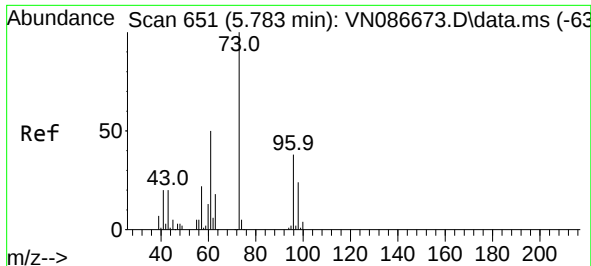
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#20
Methylene Chloride
Concen: 18.411 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

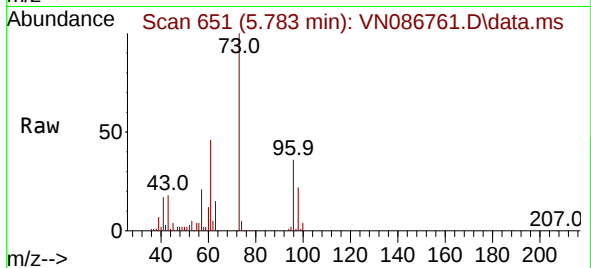
Tgt Ion: 84 Resp: 60270
Ion Ratio Lower Upper
84 100
49 98.6 88.8 133.2
51 34.4 27.8 41.6
86 61.8 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 19.401 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

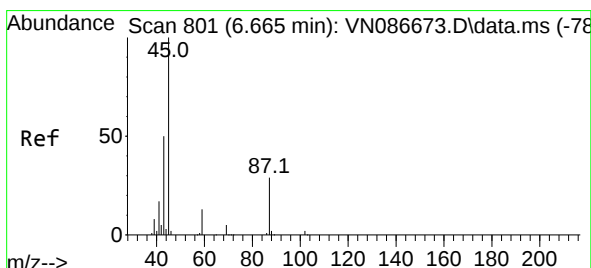
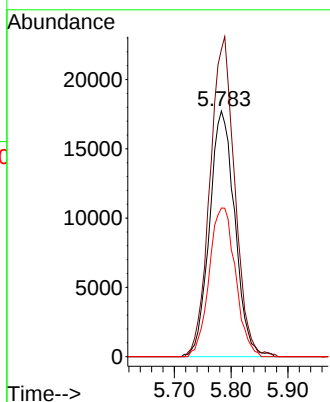
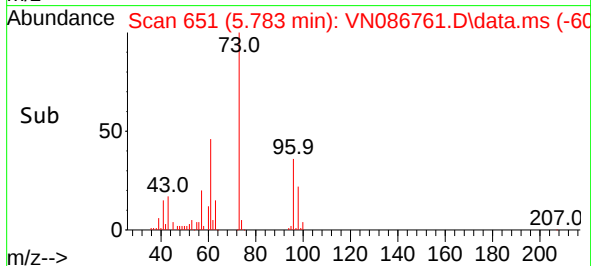
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



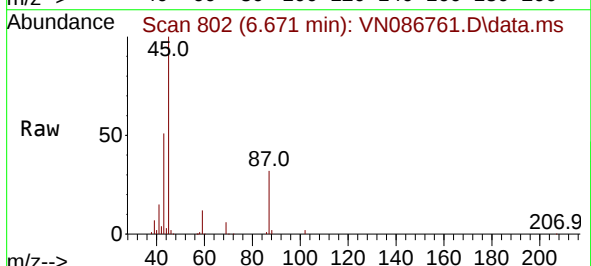
Tgt Ion: 96 Resp: 54910
Ion Ratio Lower Upper
96 100
61 125.1 105.7 158.5
98 60.5 51.0 76.6

Manual Integrations
APPROVED

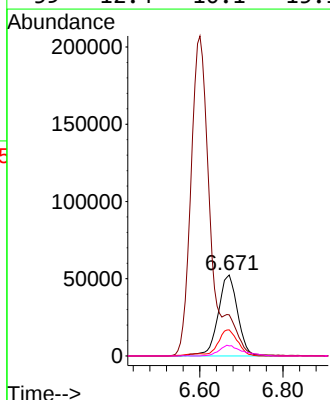
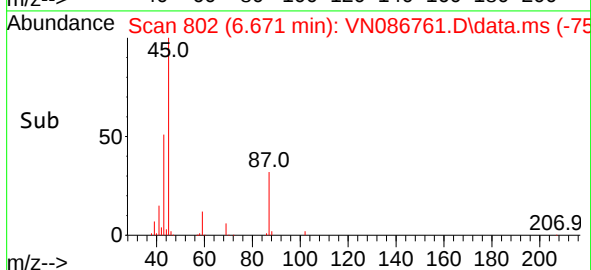
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

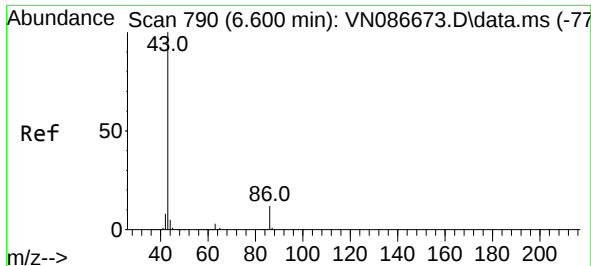


#22
Diisopropyl ether
Concen: 18.596 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



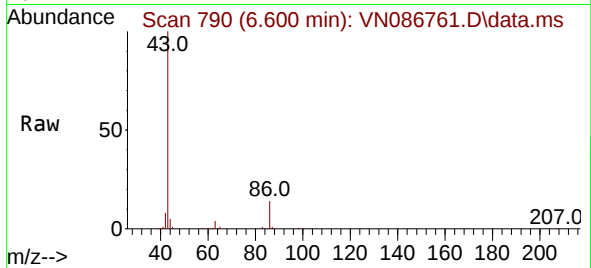
Tgt Ion: 45 Resp: 169983
Ion Ratio Lower Upper
45 100
43 49.6 41.4 62.2
87 32.2 22.9 34.3
59 12.4 10.1 15.1





#23
 Vinyl Acetate
 Concen: 89.474 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086761.D
 Acq: 22 May 2025 13:07

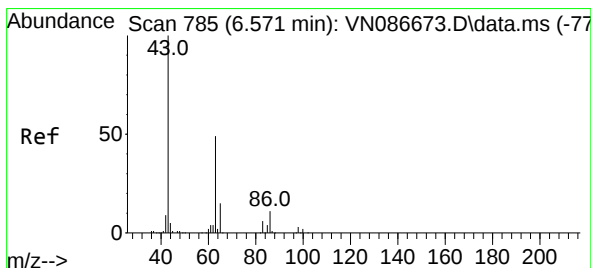
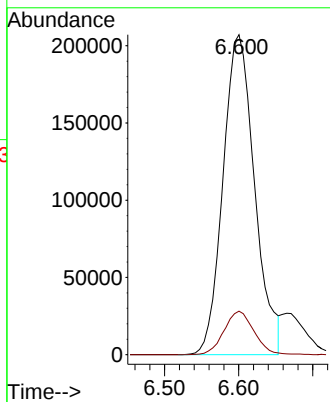
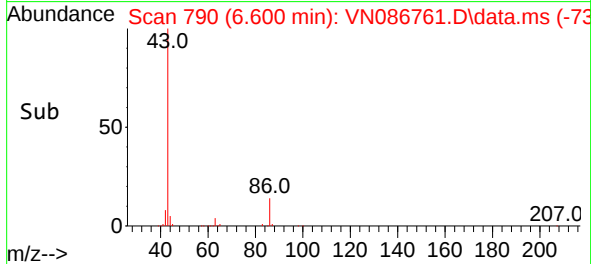
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBSD01



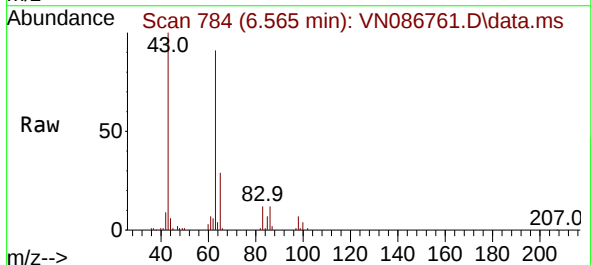
Tgt Ion: 43 Resp: 614694
 Ion Ratio Lower Upper
 43 100
 86 13.6 9.5 14.3

Manual Integrations
 APPROVED

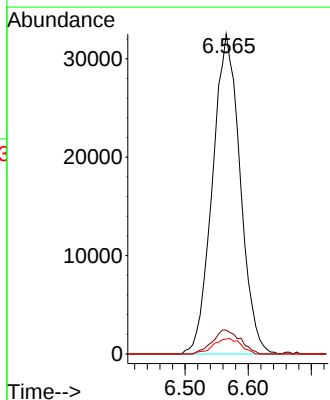
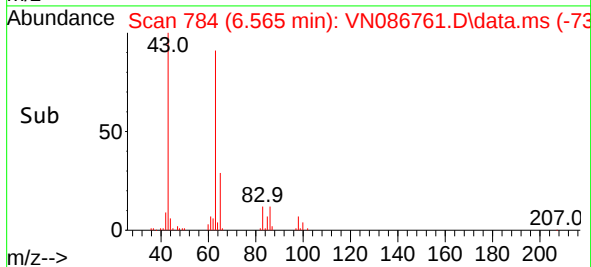
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

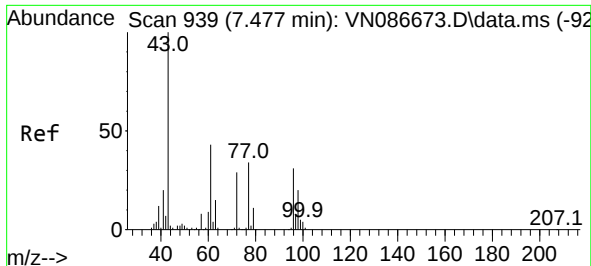


#24
 1,1-Dichloroethane
 Concen: 18.403 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086761.D
 Acq: 22 May 2025 13:07



Tgt Ion: 63 Resp: 98765
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.4 10.2
 100 4.7 2.4 7.1





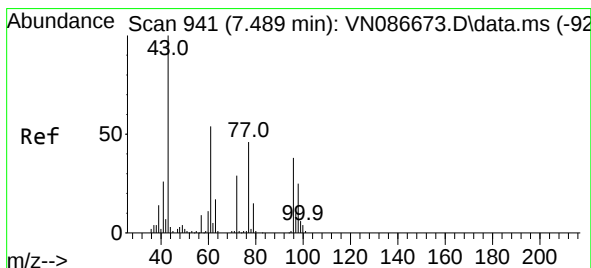
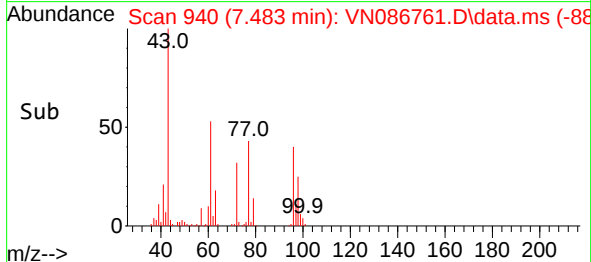
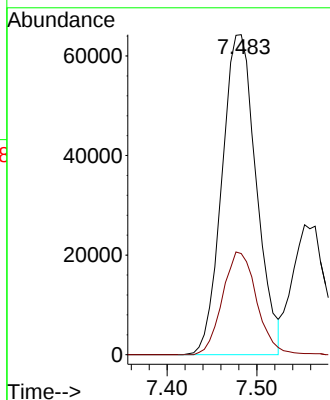
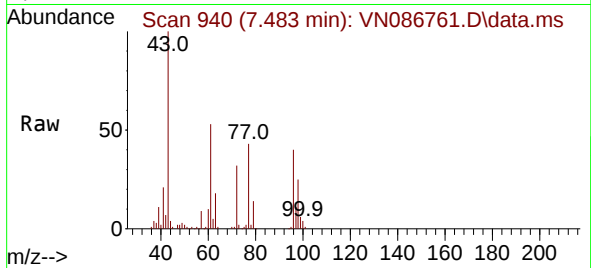
#25
2-Butanone
Concen: 89.186 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01

Tgt Ion: 43 Resp: 170970
Ion Ratio Lower Upper
43 100
72 31.6 23.1 34.7

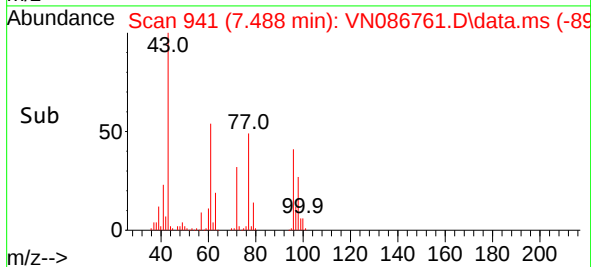
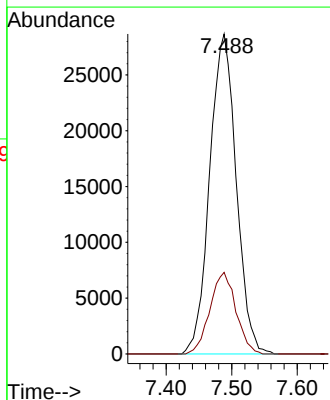
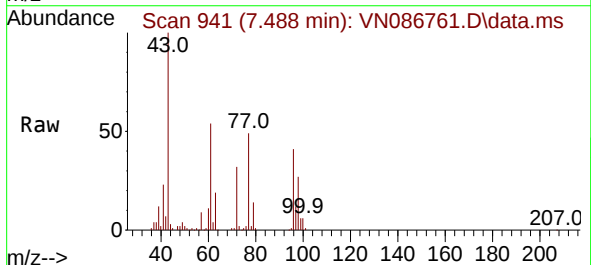
Manual Integrations
APPROVED

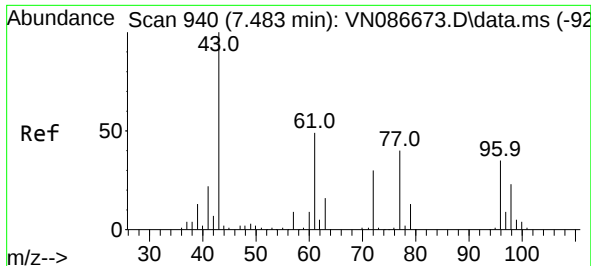
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#26
2,2-Dichloropropane
Concen: 18.175 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

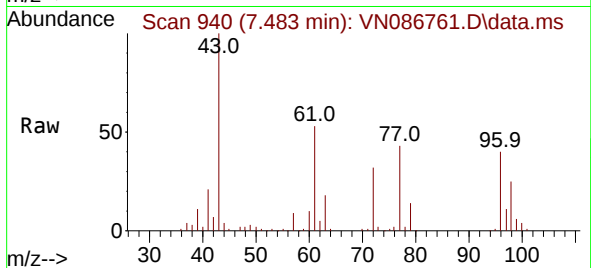
Tgt Ion: 77 Resp: 80499
Ion Ratio Lower Upper
77 100
97 25.0 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 19.570 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086761.D
 Acq: 22 May 2025 13:07

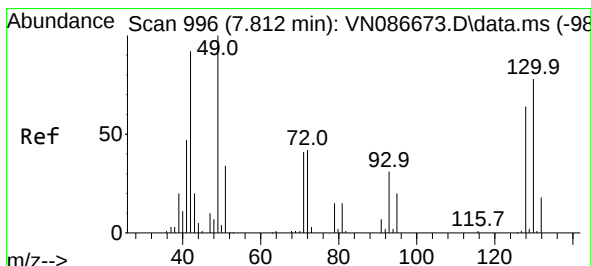
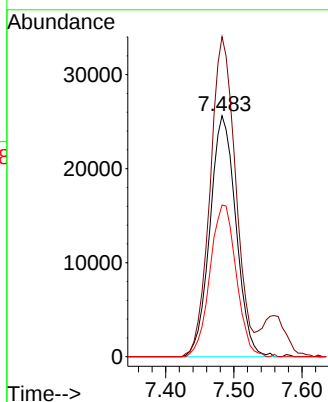
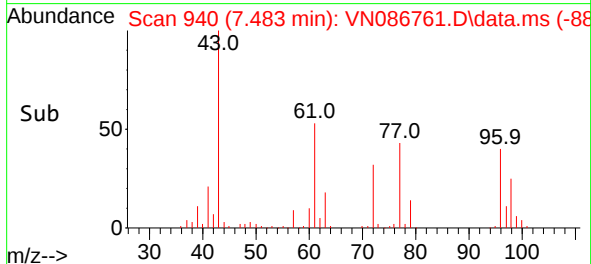
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBS01



Tgt Ion: 96 Resp: 6798
 Ion Ratio Lower Upper
 96 100
 61 130.2 0.0 277.4
 98 63.5 0.0 129.6

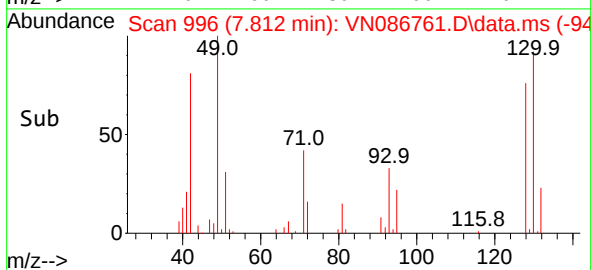
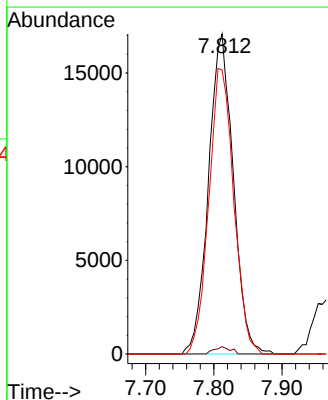
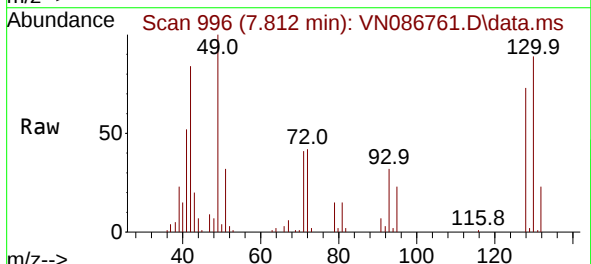
Manual Integrations
 APPROVED

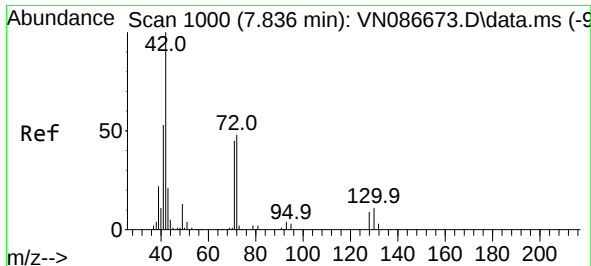
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#28
 Bromochloromethane
 Concen: 17.715 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086761.D
 Acq: 22 May 2025 13:07

Tgt Ion: 49 Resp: 43196
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 89.8 62.2 93.4





#29

Tetrahydrofuran

Concen: 90.151 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086761.D

Acq: 22 May 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBSD01

Tgt Ion: 42 Resp: 11280

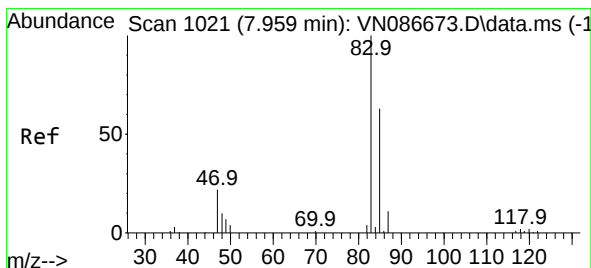
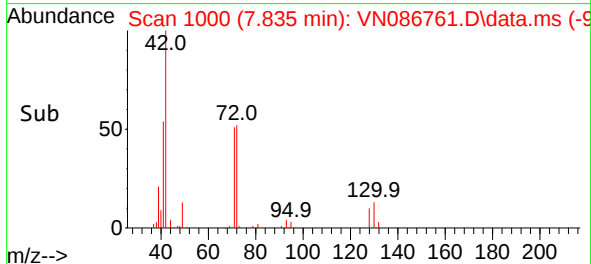
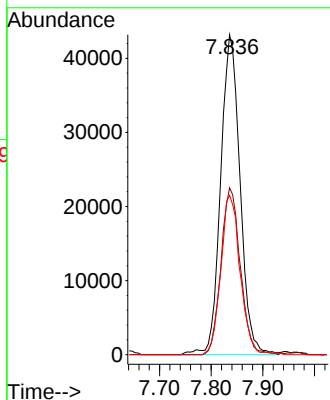
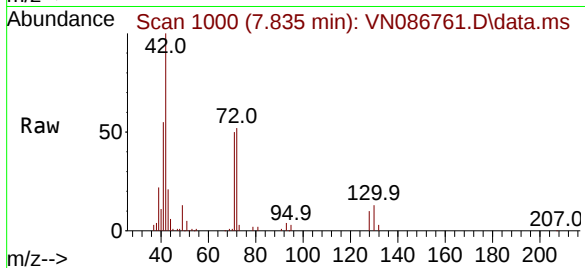
Ion	Ratio	Lower	Upper
42	100		
72	51.8	38.7	58.1
71	49.4	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#30

Chloroform

Concen: 18.482 ug/l

RT: 7.965 min Scan# 1022

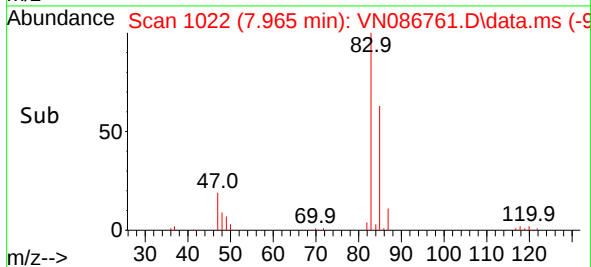
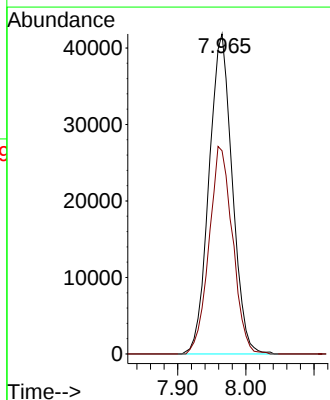
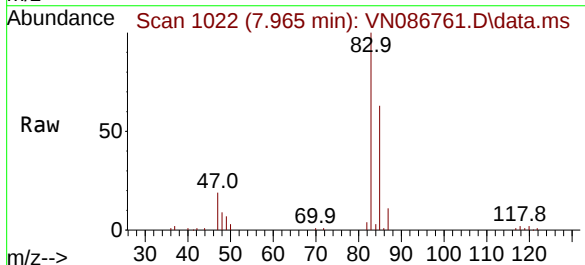
Delta R.T. 0.006 min

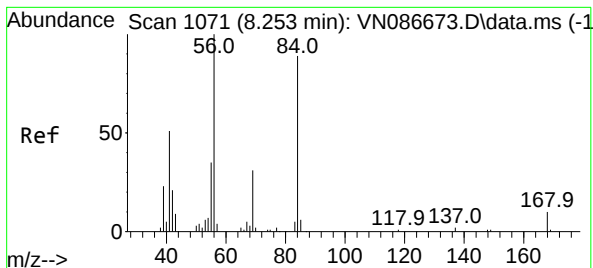
Lab File: VN086761.D

Acq: 22 May 2025 13:07

Tgt Ion: 83 Resp: 99282

Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.2	75.4





#31

Cyclohexane

Concen: 17.879 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086761.D

Acq: 22 May 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBSD01

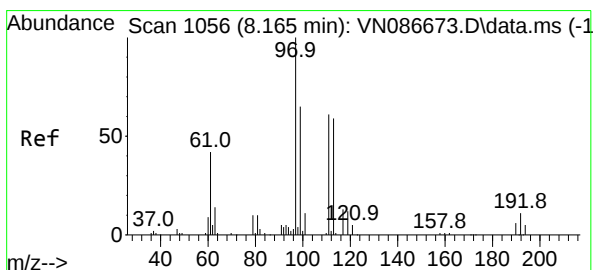
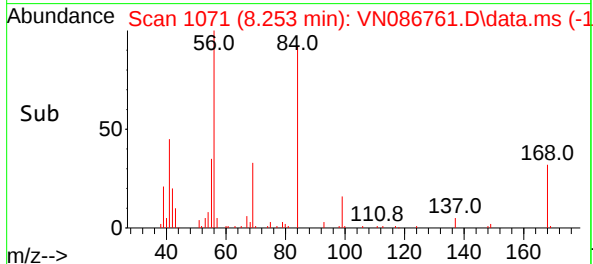
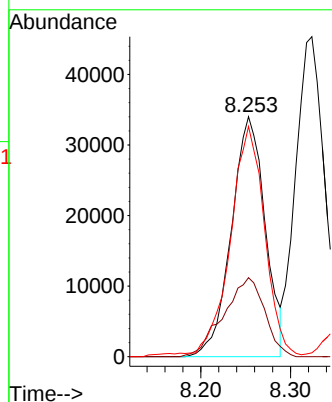
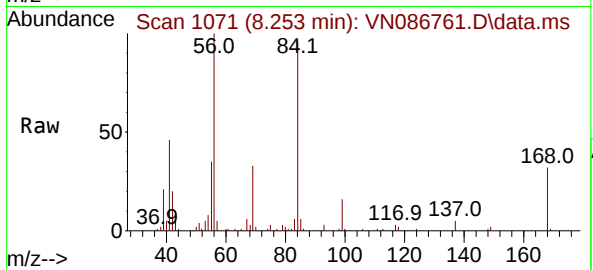
Tgt Ion:	56	Resp:	8899
Ion Ratio	Lower	Upper	
56	100		
69	32.9	25.0	37.6
84	94.5	71.0	106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#32

1,1,1-Trichloroethane

Concen: 19.339 ug/l

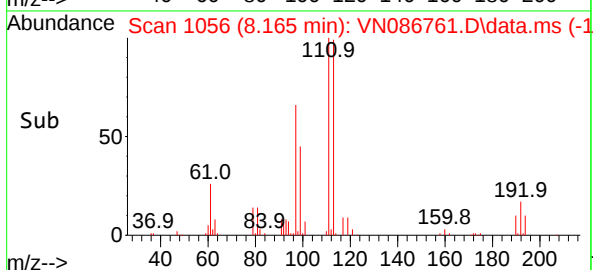
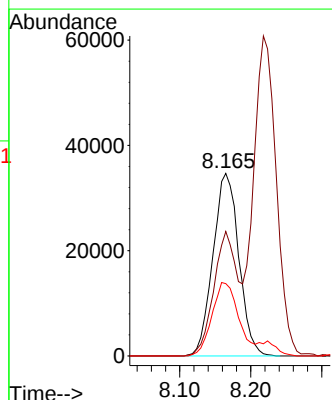
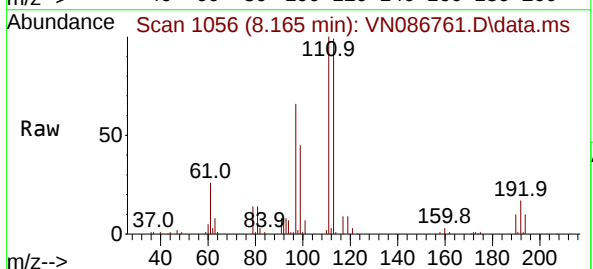
RT: 8.165 min Scan# 1056

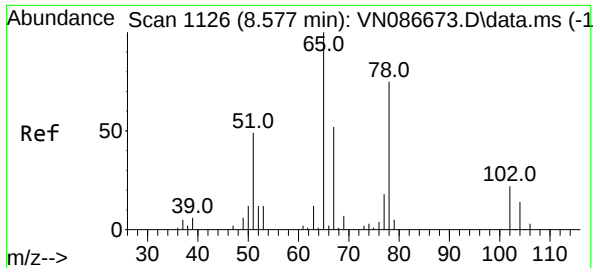
Delta R.T. -0.000 min

Lab File: VN086761.D

Acq: 22 May 2025 13:07

Tgt Ion:	97	Resp:	87588
Ion Ratio	Lower	Upper	
97	100		
99	63.6	52.6	79.0
61	41.5	37.7	56.5





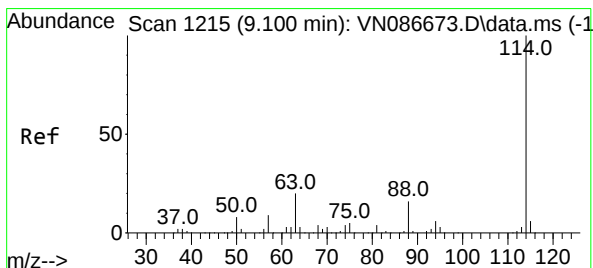
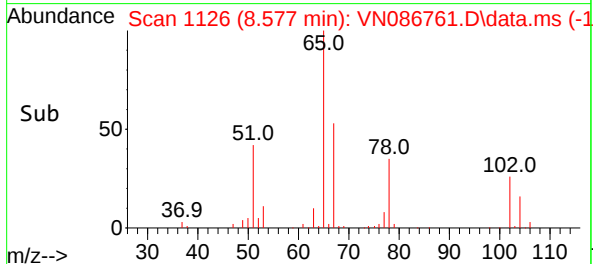
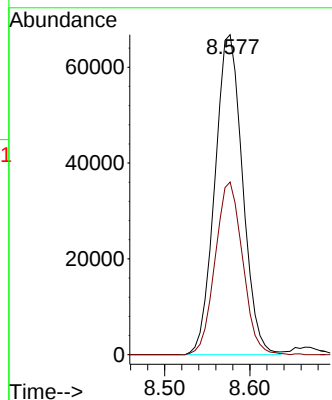
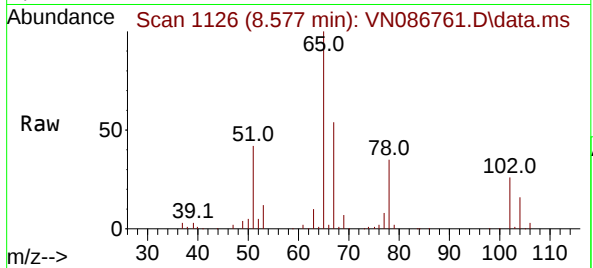
#33
1,2-Dichloroethane-d4
Concen: 45.516 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion: 65 Resp: 15095
Ion Ratio Lower Upper
65 100
67 53.4 0.0 106.4

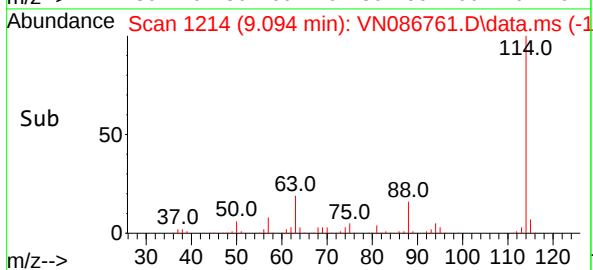
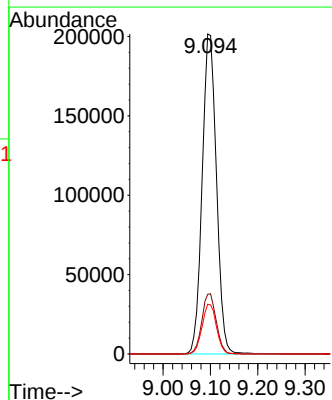
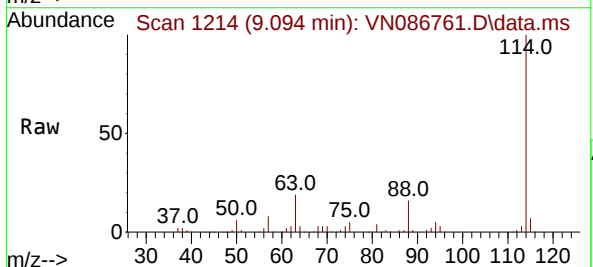
Manual Integrations
APPROVED

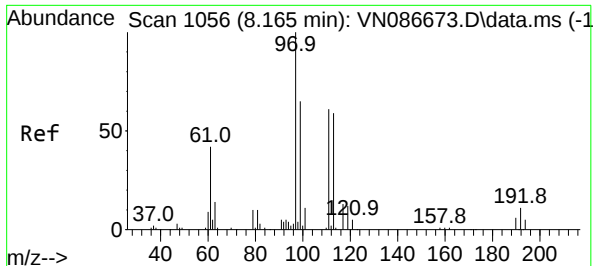
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

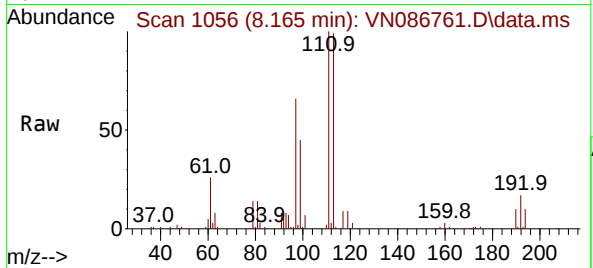
Tgt Ion:114 Resp: 422004
Ion Ratio Lower Upper
114 100
63 18.6 0.0 40.2
88 15.6 0.0 31.2





#35
Dibromofluoromethane
Concen: 50.759 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

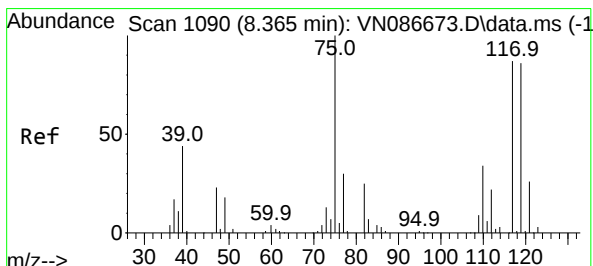
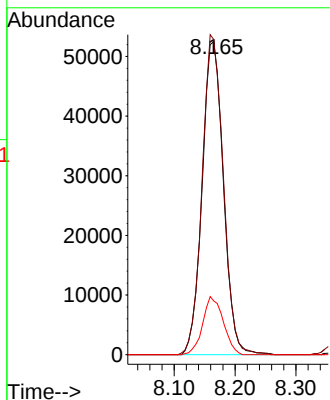
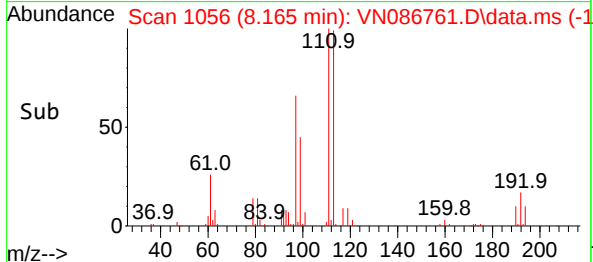
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



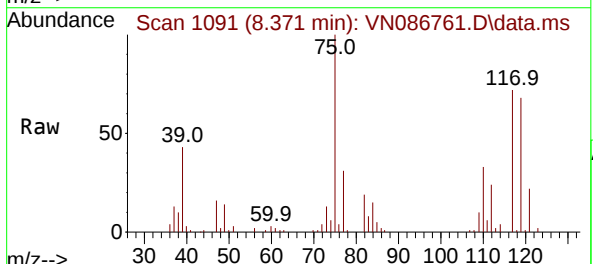
Tgt Ion: 113 Resp: 127569
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 17.9 13.8 20.8

Manual Integrations
APPROVED

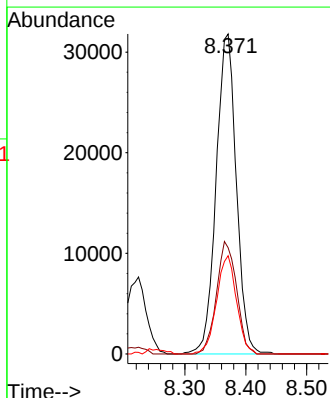
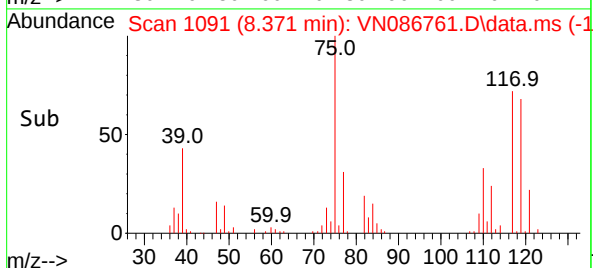
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

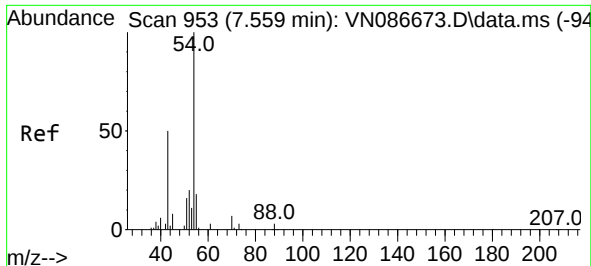


#36
1,1-Dichloropropene
Concen: 19.777 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



Tgt Ion: 75 Resp: 73314
Ion Ratio Lower Upper
75 100
110 34.8 17.5 52.5
77 30.3 25.1 37.7





#37

Ethyl Acetate

Concen: 18.159 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN086761.D

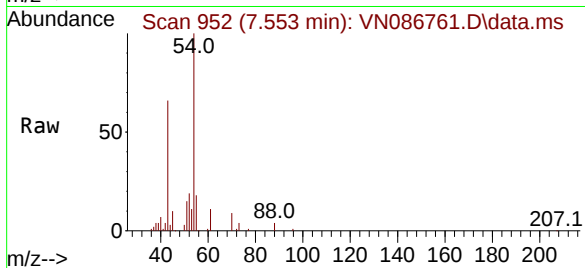
Acq: 22 May 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01



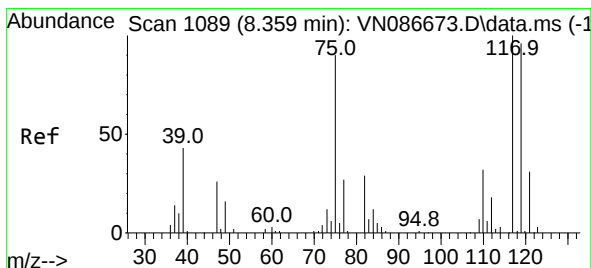
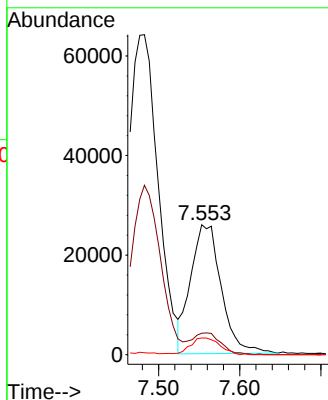
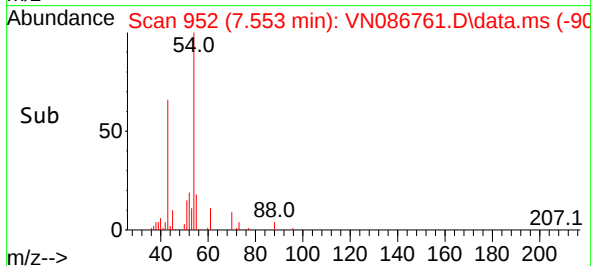
Tgt Ion:	43	Resp:	67998
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.6	17.4
70	12.4	9.4	14.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#38

Carbon Tetrachloride

Concen: 19.879 ug/l

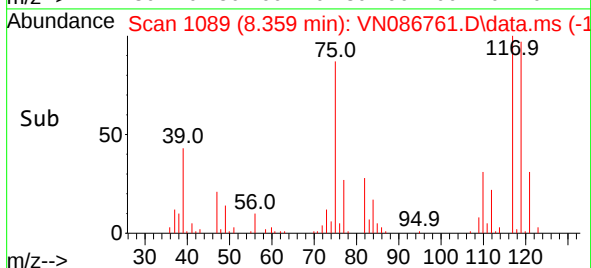
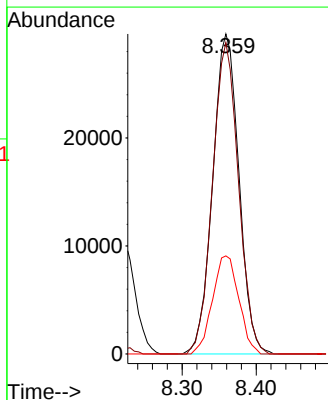
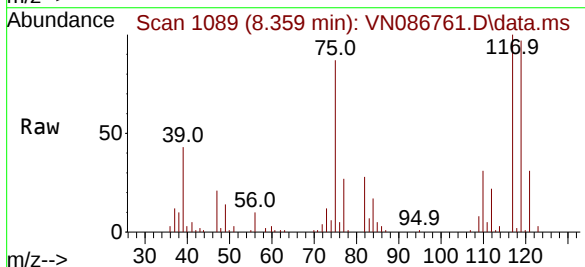
RT: 8.359 min Scan# 1089

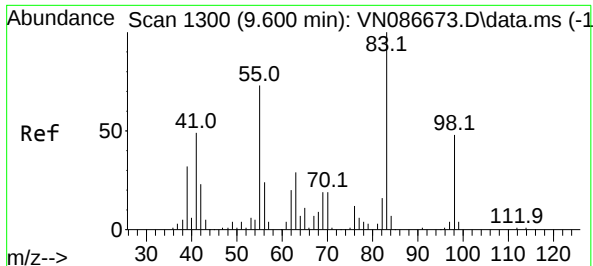
Delta R.T. -0.000 min

Lab File: VN086761.D

Acq: 22 May 2025 13:07

Tgt Ion:	117	Resp:	72609
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.0	115.6
121	30.7	25.0	37.6





#39

Methylcyclohexane

Concen: 19.746 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086761.D

Acq: 22 May 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBSD01

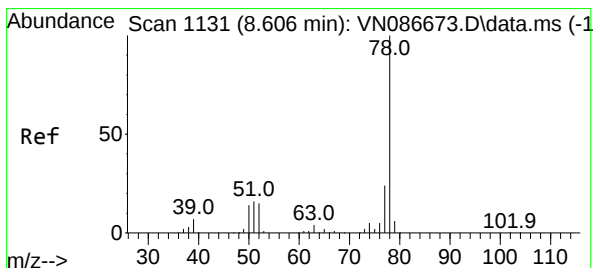
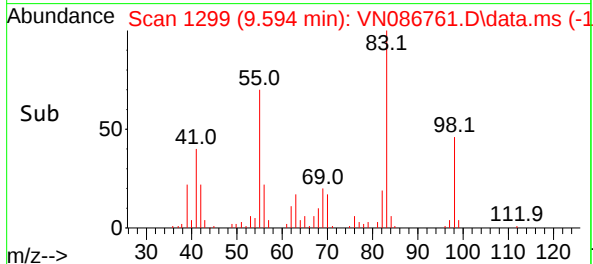
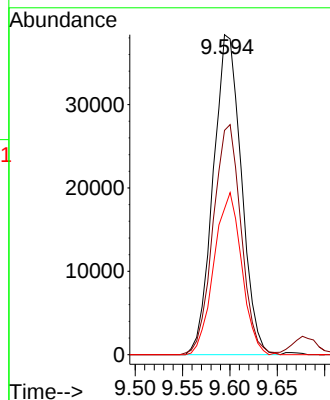
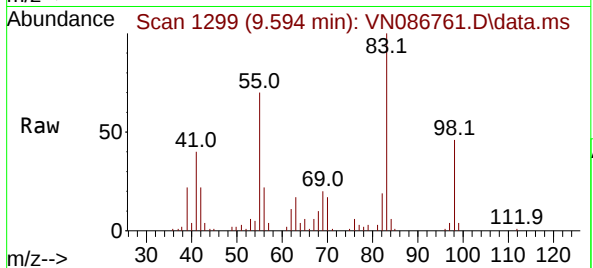
Tgt Ion: 83	Resp: 79220
Ion Ratio	Lower Upper
83	100
55	70.1 58.2 87.4
98	45.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#40

Benzene

Concen: 19.821 ug/l

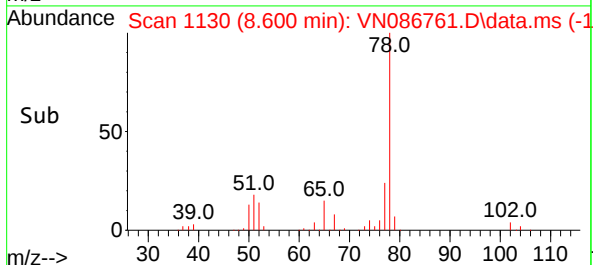
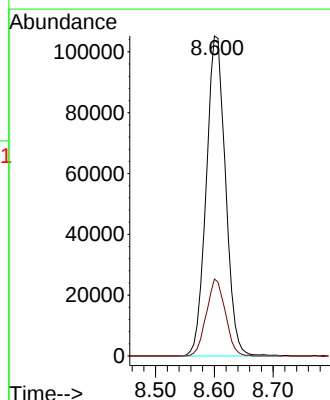
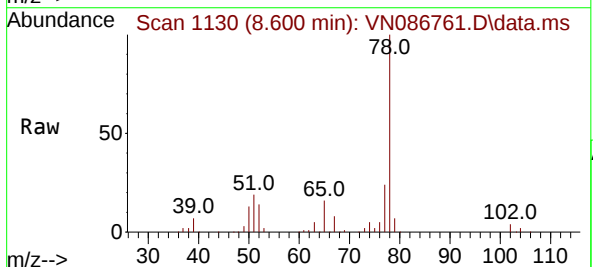
RT: 8.600 min Scan# 1130

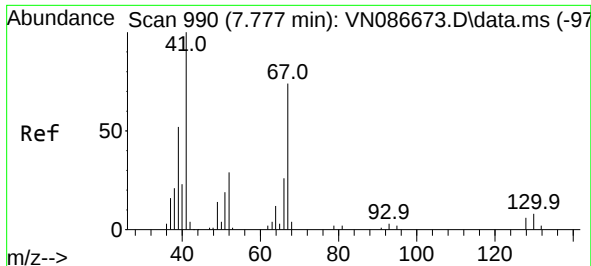
Delta R.T. -0.006 min

Lab File: VN086761.D

Acq: 22 May 2025 13:07

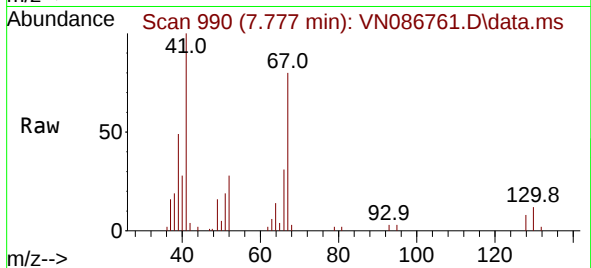
Tgt Ion: 78	Resp: 239697
Ion Ratio	Lower Upper
78	100
77	24.0 19.1 28.7





#41
Methacrylonitrile
Concen: 18.063 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

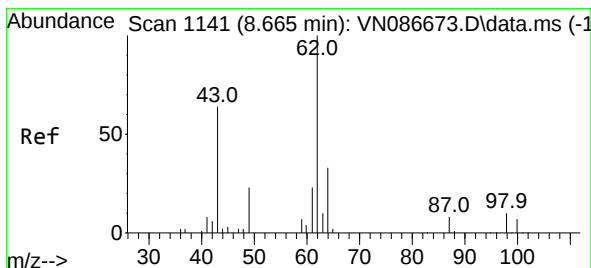
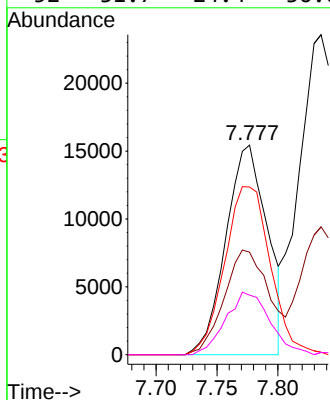
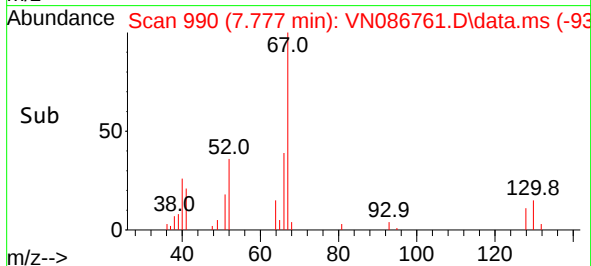
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



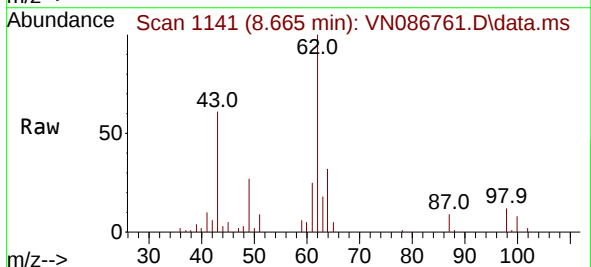
Tgt Ion: 41 Resp: 3652
Ion Ratio Lower Upper
41 100
39 54.9 44.9 67.3
67 88.4 63.4 95.0
52 31.7 24.4 36.6

Manual Integrations
APPROVED

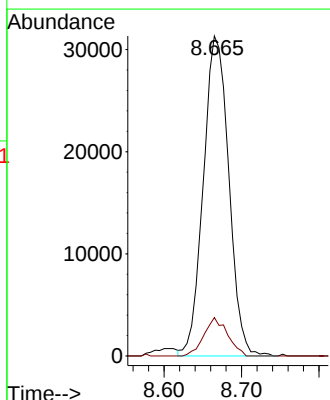
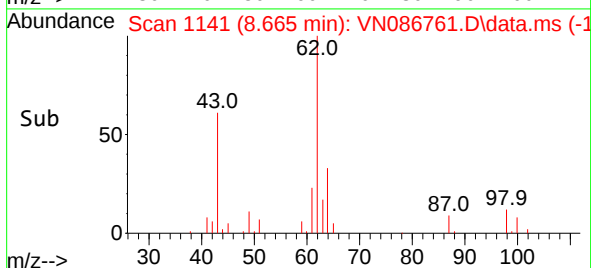
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

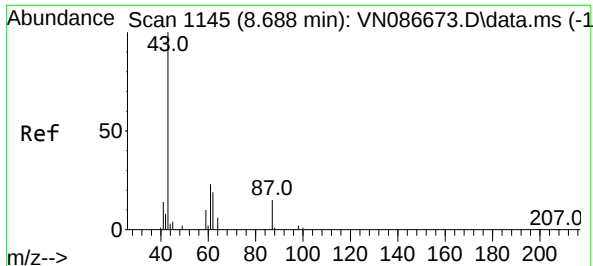


#42
1,2-Dichloroethane
Concen: 19.033 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



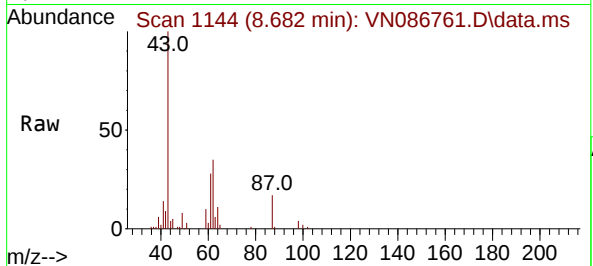
Tgt Ion: 62 Resp: 71707
Ion Ratio Lower Upper
62 100
98 11.1 0.0 19.2





#43
Isopropyl Acetate
Concen: 16.330 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

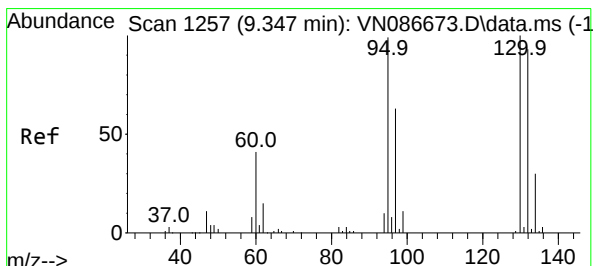
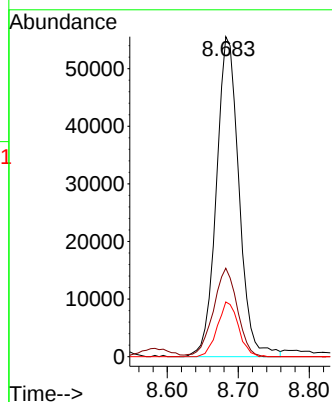
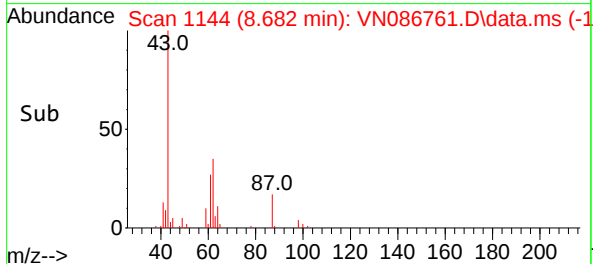
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion: 43 Resp: 12259
Ion Ratio Lower Upper
43 100
61 29.3 21.4 32.2
87 16.0 11.1 16.7

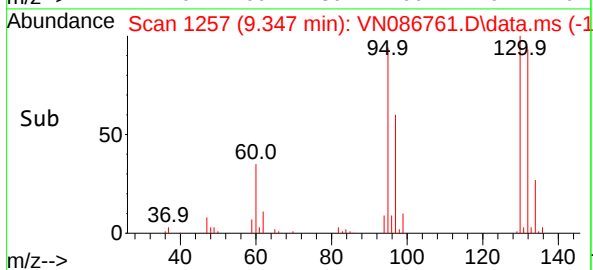
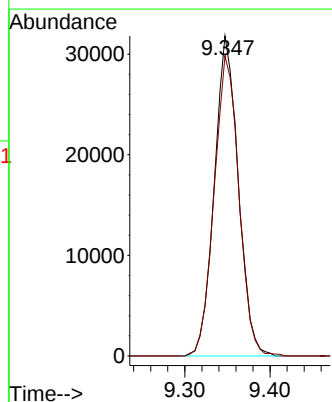
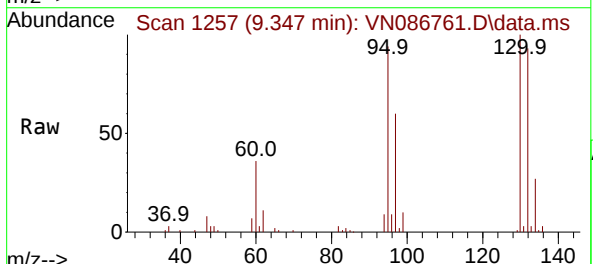
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 21.231 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Tgt Ion:130 Resp: 61928
Ion Ratio Lower Upper
130 100
95 93.8 0.0 197.0





#45

1,2-Dichloropropane

Concen: 19.577 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086761.D

Acq: 22 May 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

Tgt Ion: 63 Resp: 5624

Ion Ratio Lower Upper

63 100

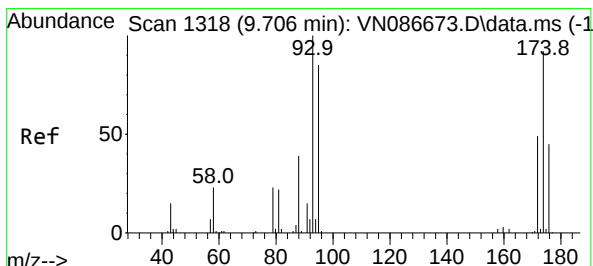
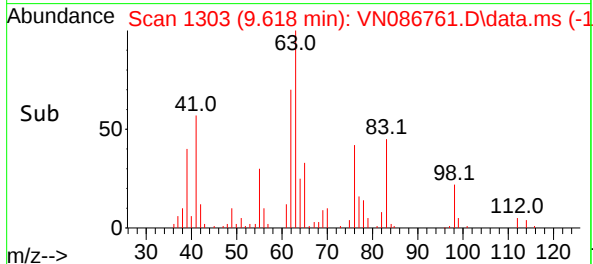
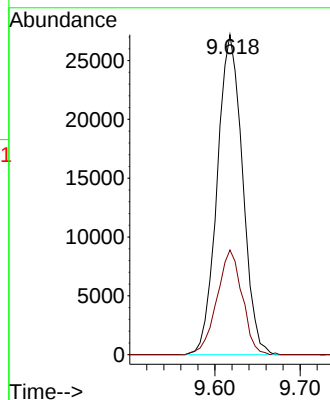
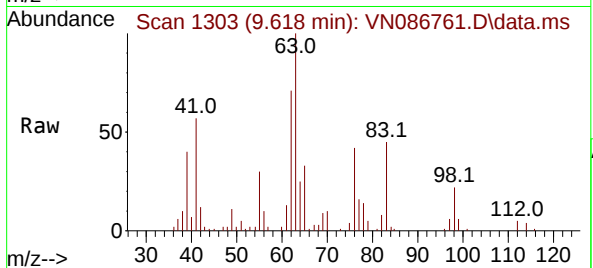
65 32.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#46

Dibromomethane

Concen: 19.891 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086761.D

Acq: 22 May 2025 13:07

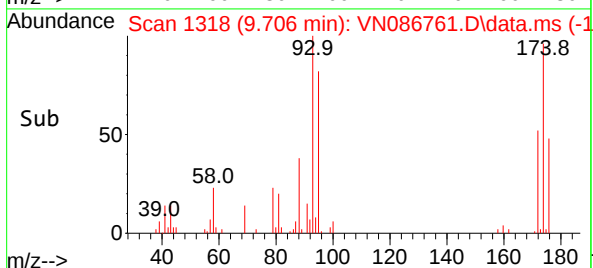
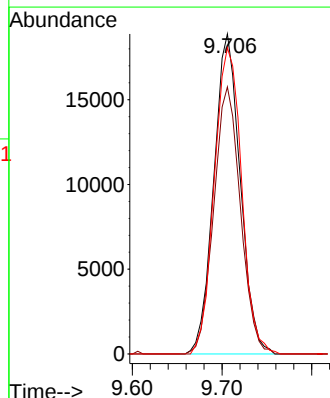
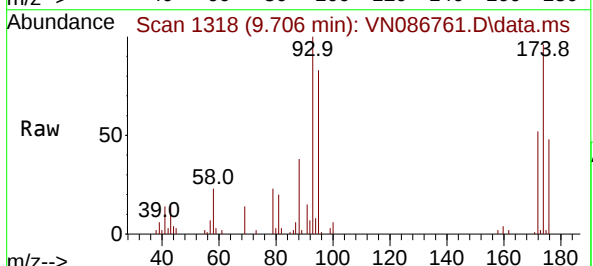
Tgt Ion: 93 Resp: 38559

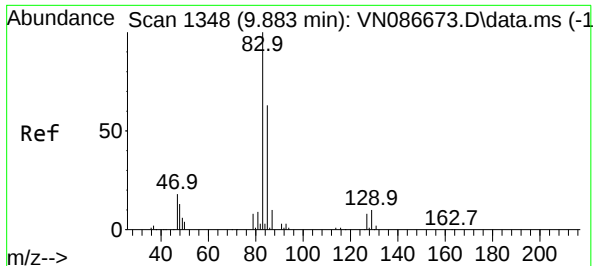
Ion Ratio Lower Upper

93 100

95 84.4 67.1 100.7

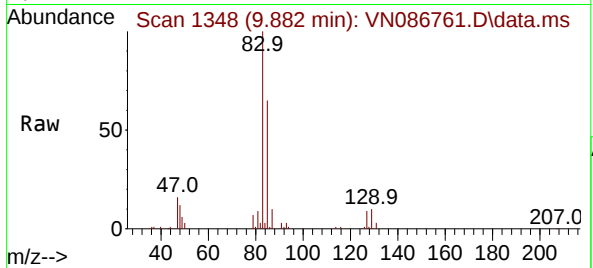
174 98.8 73.8 110.6





#47
Bromodichloromethane
Concen: 19.533 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

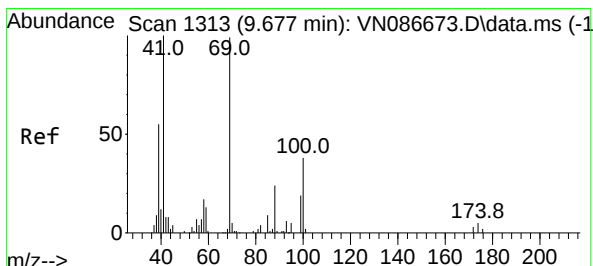
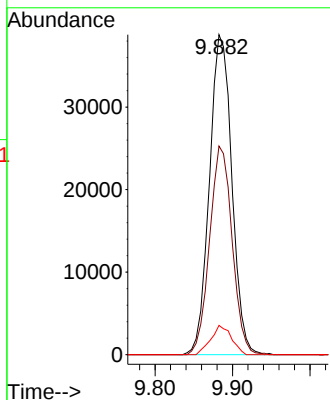
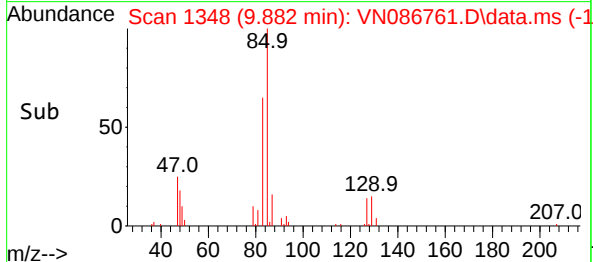
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



Tgt Ion: 83 Resp: 78010
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 9.2 6.2 9.4

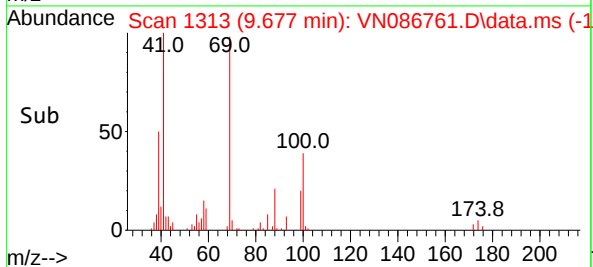
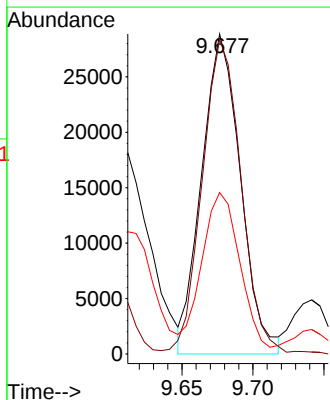
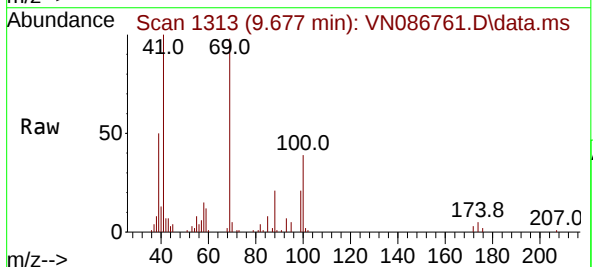
Manual Integrations
APPROVED

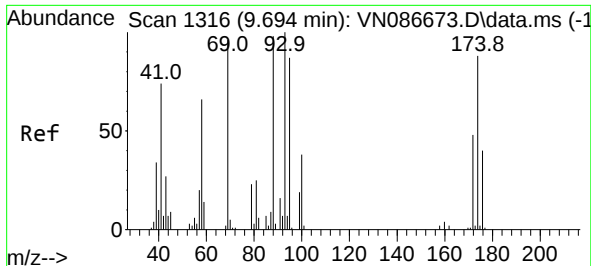
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#48
Methyl methacrylate
Concen: 18.781 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

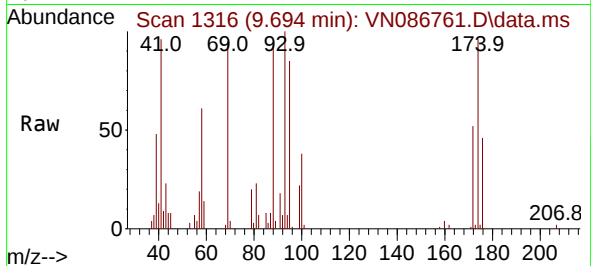
Tgt Ion: 41 Resp: 54634
Ion Ratio Lower Upper
41 100
69 99.1 74.1 111.1
39 50.6 44.1 66.1





#49
1,4-Dioxane
Concen: 416.484 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

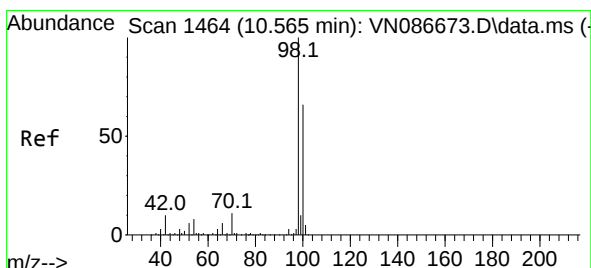
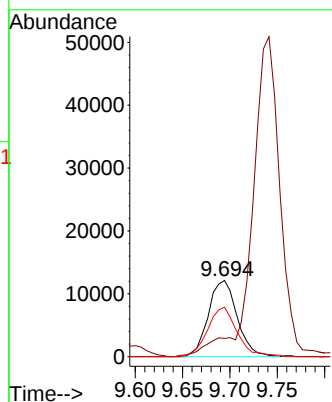
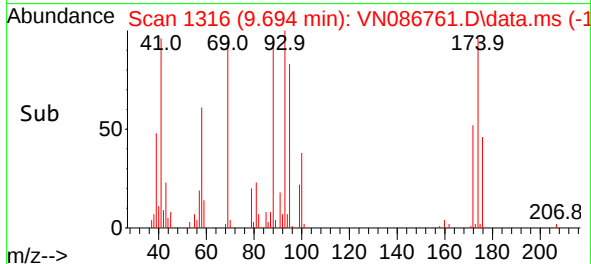
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



Tgt Ion: 88 Resp: 25654
Ion Ratio Lower Upper
88 100
43 0.0 23.6 35.4
58 66.5 55.3 82.9

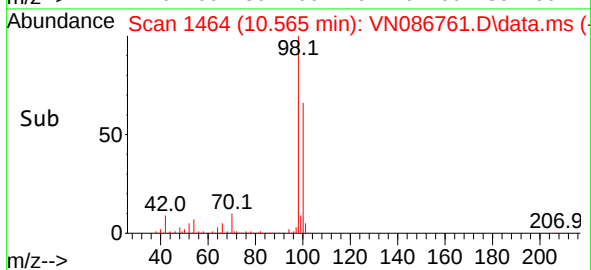
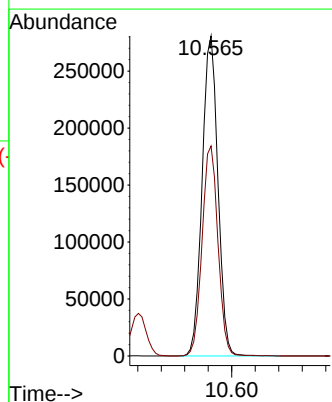
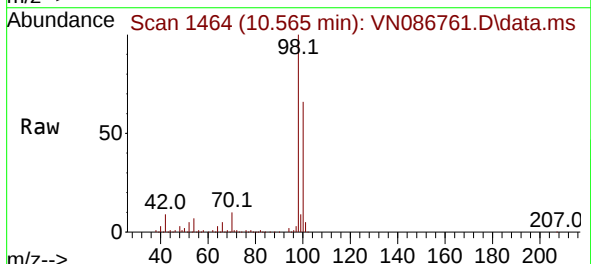
Manual Integrations
APPROVED

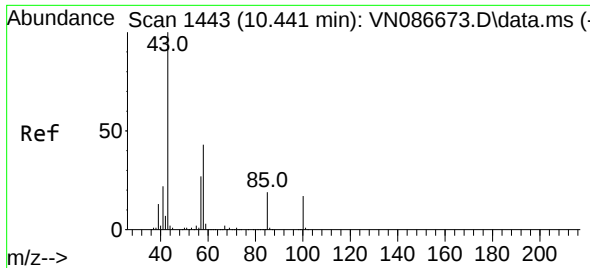
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#50
Toluene-d8
Concen: 50.127 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

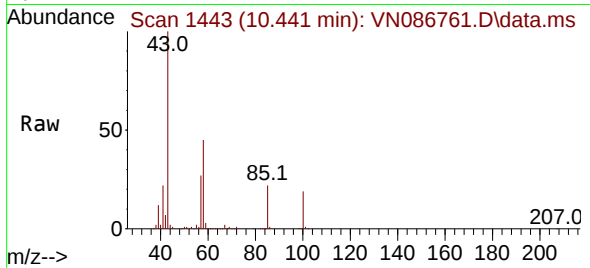
Tgt Ion: 98 Resp: 522061
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 91.850 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

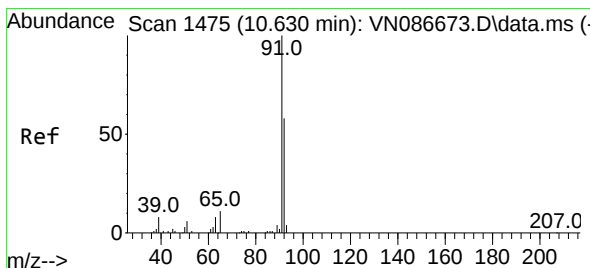
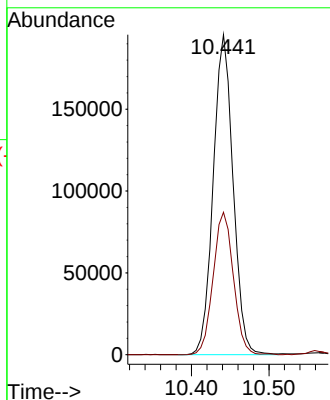
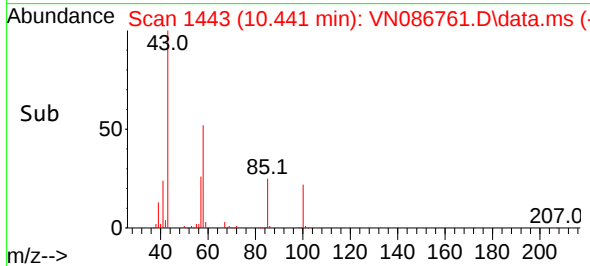
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



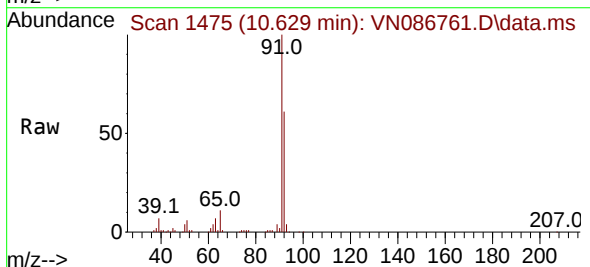
Tgt Ion: 43 Resp: 347710
Ion Ratio Lower Upper
43 100
58 45.5 33.9 50.9

Manual Integrations
APPROVED

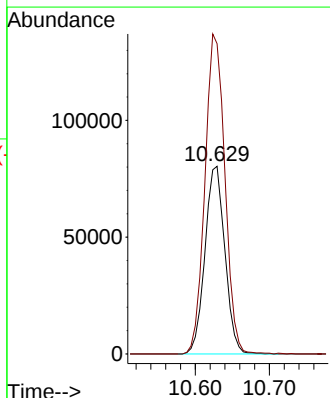
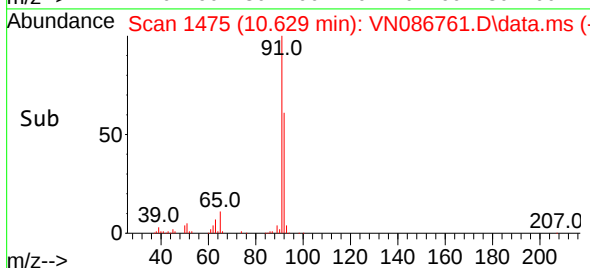
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

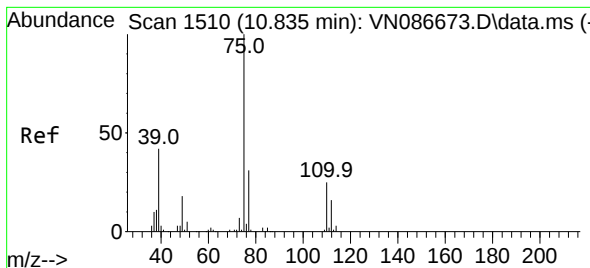


#52
Toluene
Concen: 19.981 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



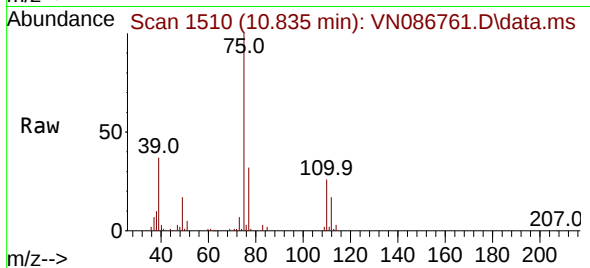
Tgt Ion: 92 Resp: 150180
Ion Ratio Lower Upper
92 100
91 171.0 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 19.855 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

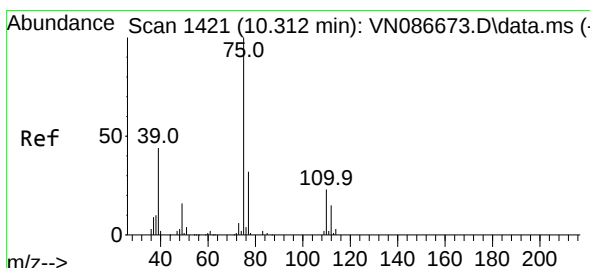
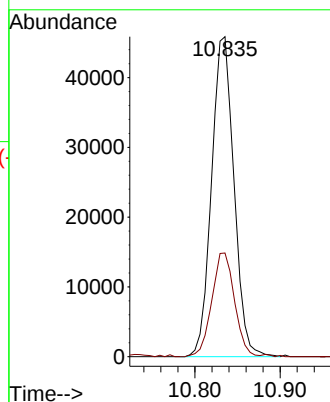
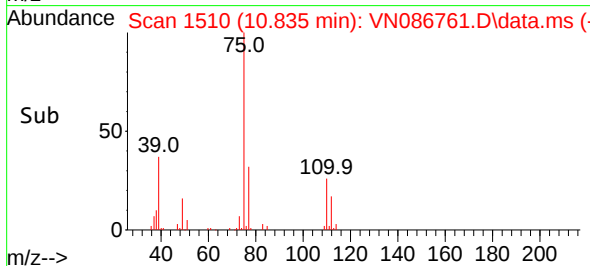
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



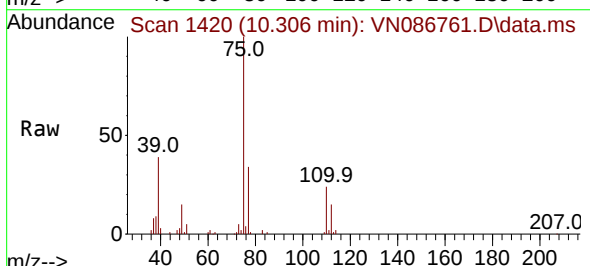
Tgt Ion: 75 Resp: 8396
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8

Manual Integrations
APPROVED

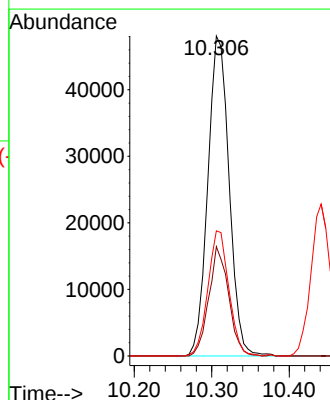
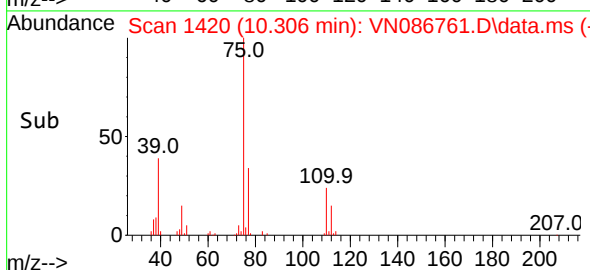
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

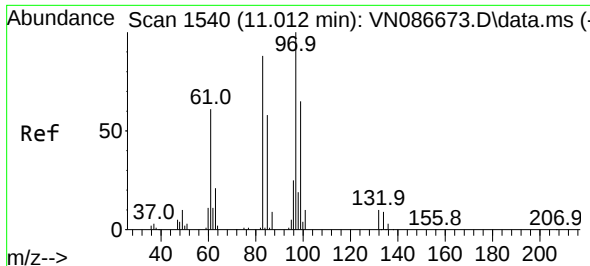


#54
cis-1,3-Dichloropropene
Concen: 19.867 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



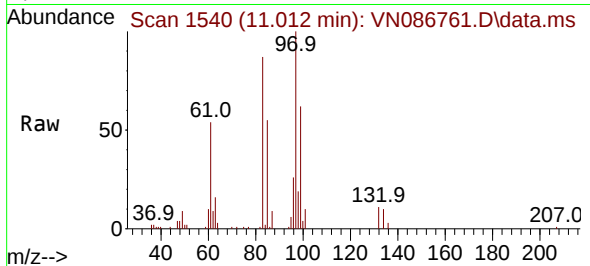
Tgt Ion: 75 Resp: 91713
Ion Ratio Lower Upper
75 100
77 34.2 25.3 37.9
39 39.1 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 19.960 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

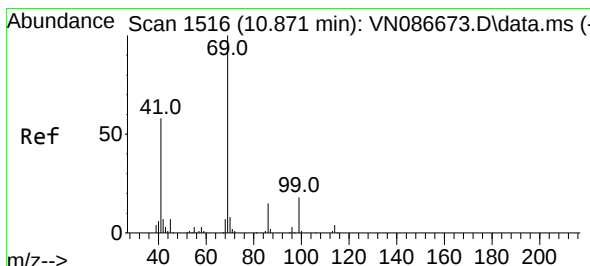
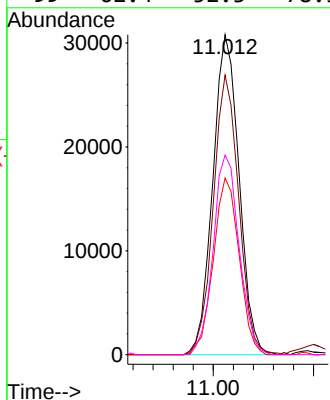
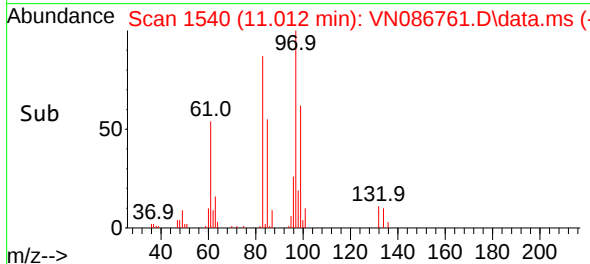
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



Tgt Ion:	97	Resp:	5596
Ion	Ratio	Lower	Upper
97	100		
83	87.3	70.4	105.6
85	55.2	46.1	69.1
99	62.4	52.3	78.5

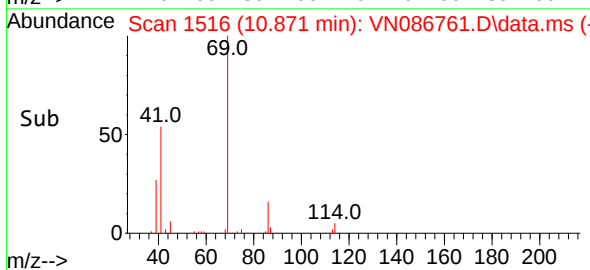
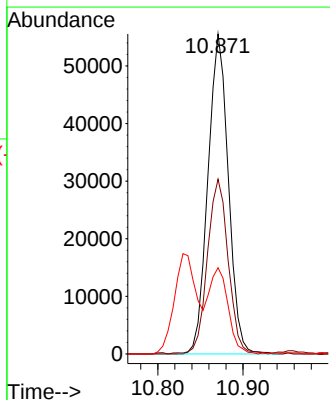
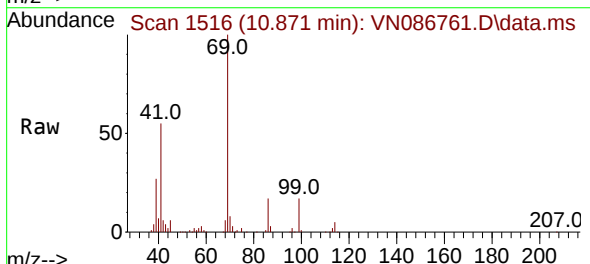
Manual Integrations
APPROVED

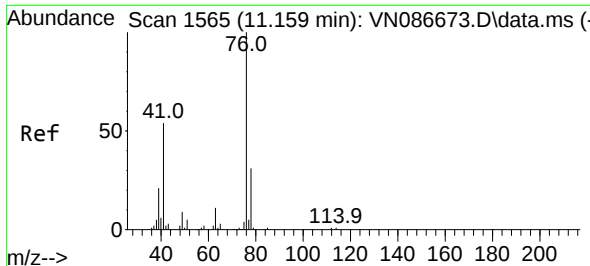
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#56
Ethyl methacrylate
Concen: 20.505 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Tgt Ion:	69	Resp:	92309
Ion	Ratio	Lower	Upper
69	100		
41	56.0	47.4	71.0
39	25.4	24.0	36.0





#57

1,3-Dichloropropane

Concen: 19.850 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086761.D

Acq: 22 May 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBS01

Tgt Ion: 76 Resp: 95880

Ion Ratio Lower Upper

76 100

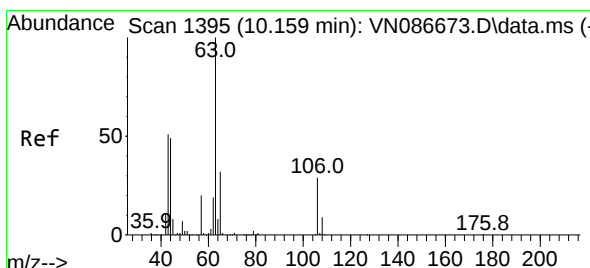
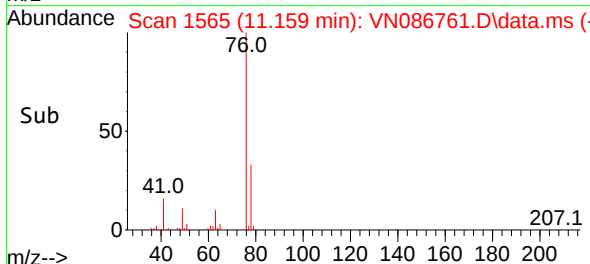
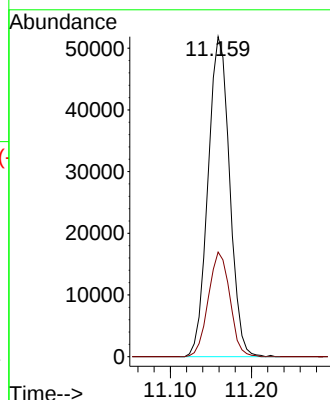
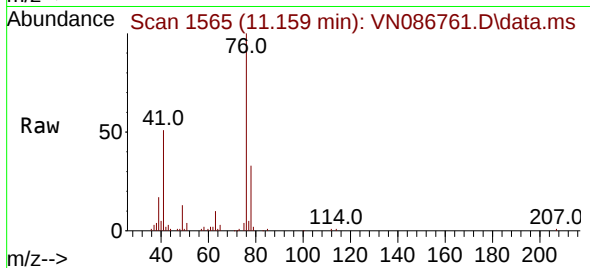
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#58

2-Chloroethyl Vinyl ether

Concen: 98.175 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086761.D

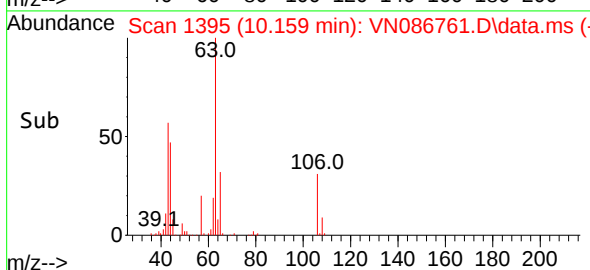
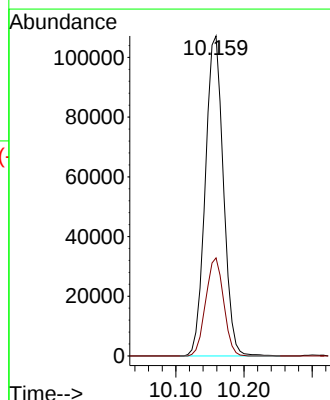
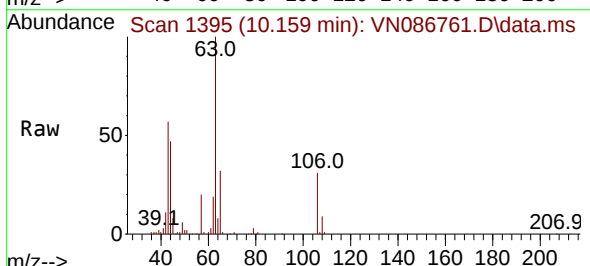
Acq: 22 May 2025 13:07

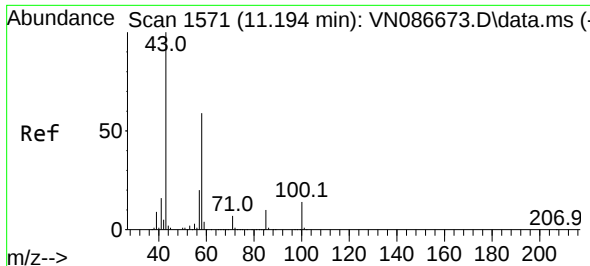
Tgt Ion: 63 Resp: 197522

Ion Ratio Lower Upper

63 100

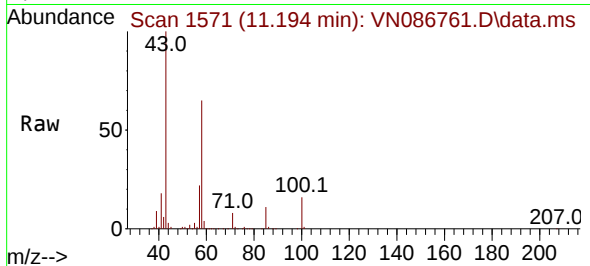
106 30.3 23.1 34.7





#59
2-Hexanone
Concen: 92.153 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

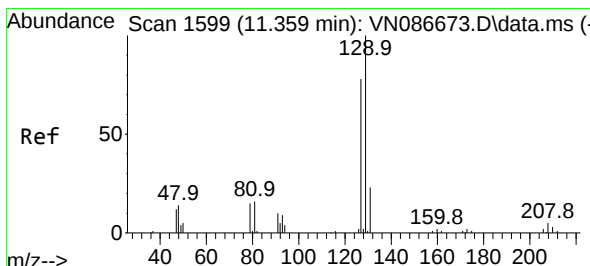
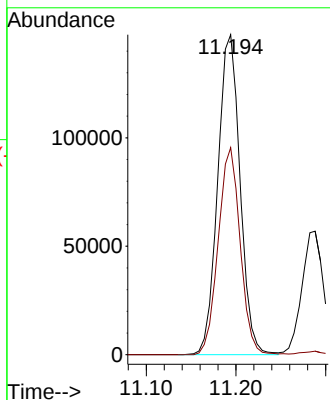
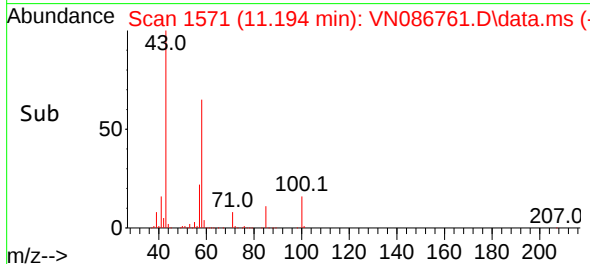
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



Tgt Ion: 43 Resp: 254760
Ion Ratio Lower Upper
43 100
58 63.6 29.8 89.5

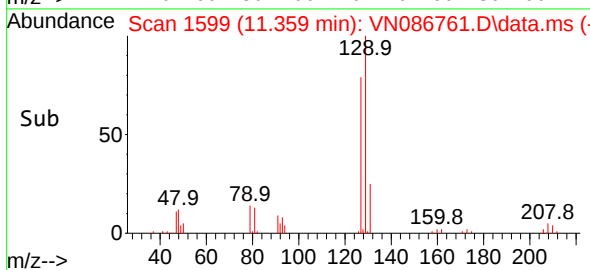
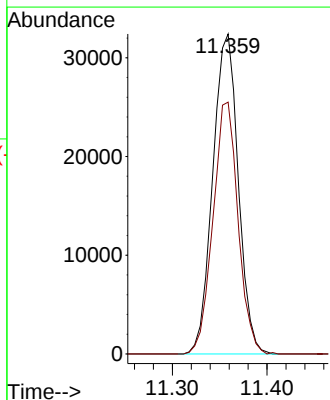
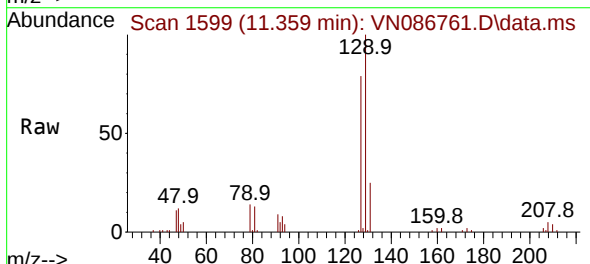
Manual Integrations
APPROVED

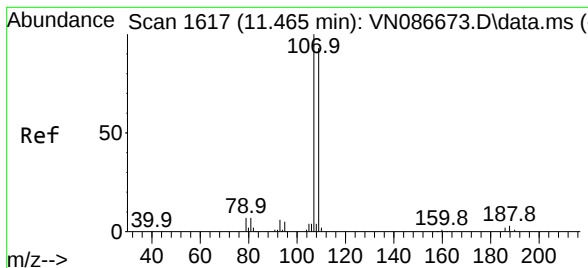
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#60
Dibromochloromethane
Concen: 20.636 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

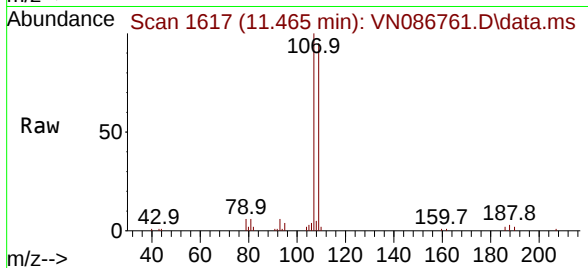
Tgt Ion:129 Resp: 60635
Ion Ratio Lower Upper
129 100
127 77.3 39.5 118.3





#61
1,2-Dibromoethane
Concen: 20.205 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

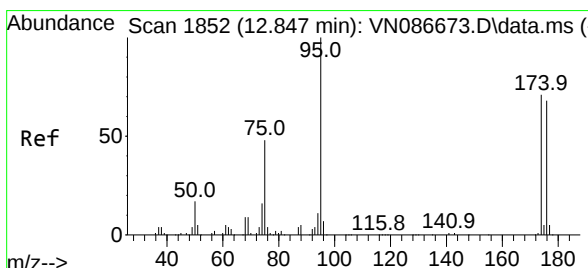
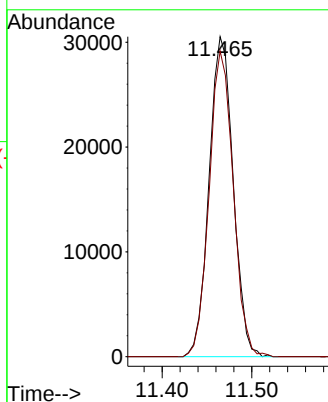
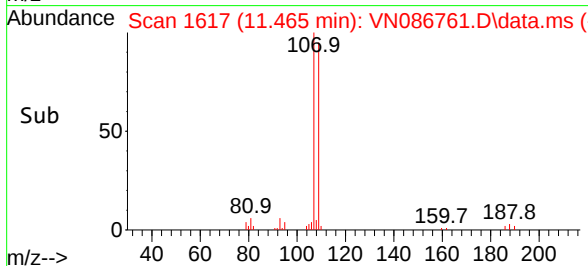
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



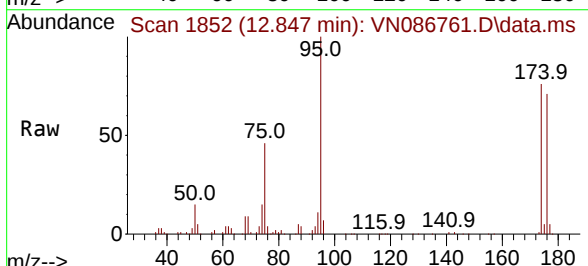
Tgt Ion:107 Resp: 5692
Ion Ratio Lower Upper
107 100
109 95.4 75.0 112.4

Manual Integrations
APPROVED

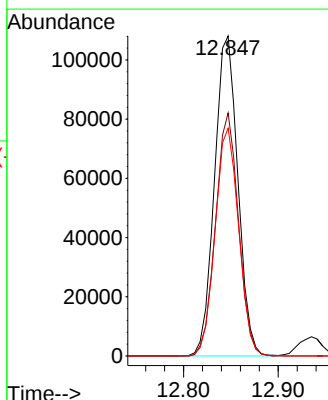
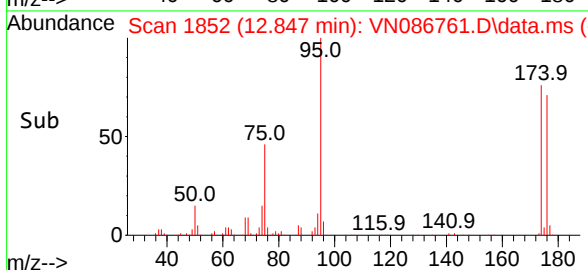
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

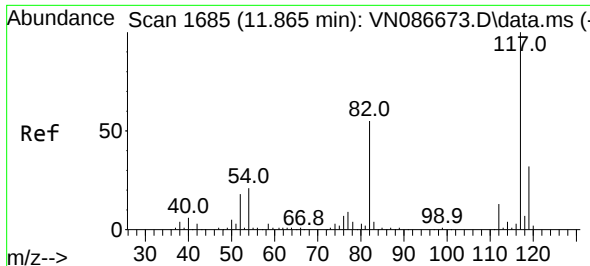


#62
4-Bromofluorobenzene
Concen: 50.385 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



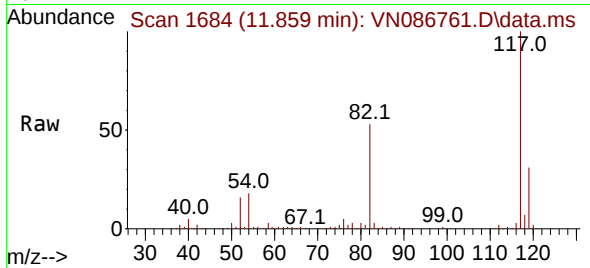
Tgt Ion: 95 Resp: 185288
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.4
176 71.4 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

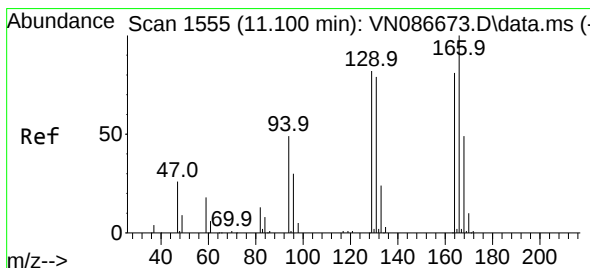
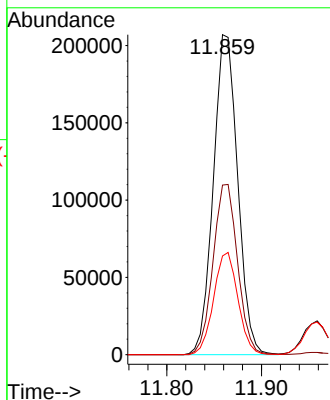
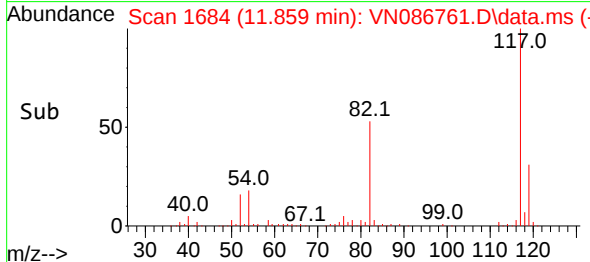
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



Tgt Ion:117 Resp: 37026
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 30.9 25.4 38.2

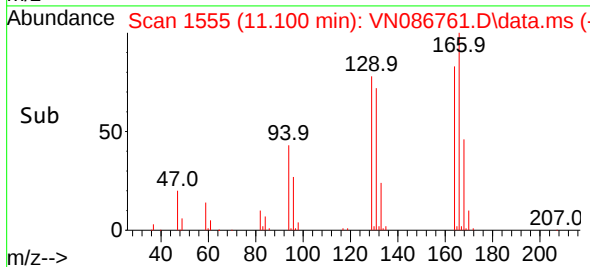
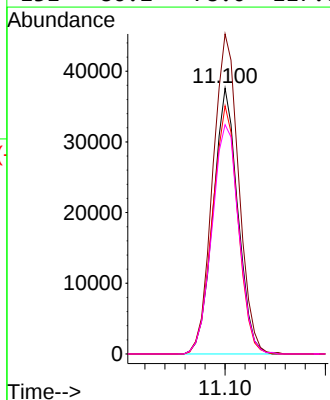
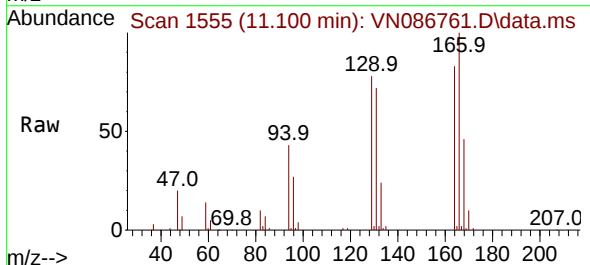
Manual Integrations
APPROVED

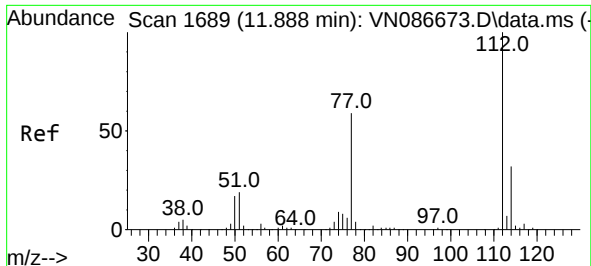
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#64
Tetrachloroethene
Concen: 22.690 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

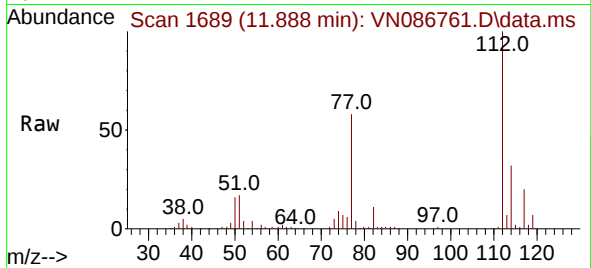
Tgt Ion:164 Resp: 64358
Ion Ratio Lower Upper
164 100
166 120.4 98.2 147.4
129 93.4 81.0 121.4
131 86.2 78.0 117.0





#65
Chlorobenzene
Concen: 20.412 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

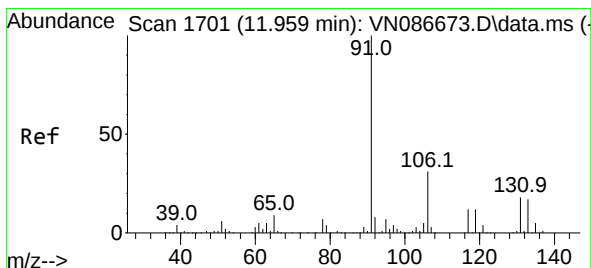
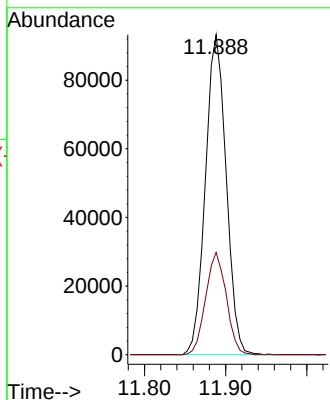
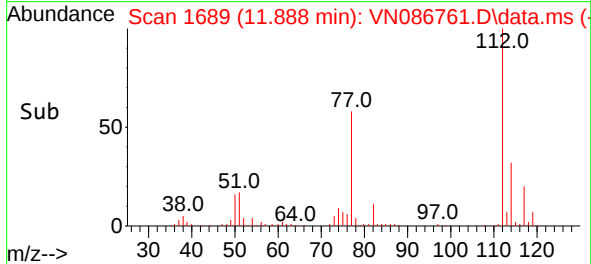
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



Tgt Ion:112 Resp: 165728
Ion Ratio Lower Upper
112 100
114 32.0 25.9 38.9

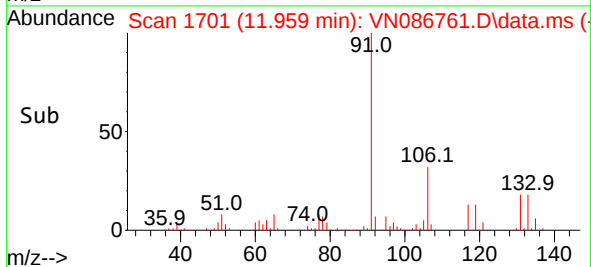
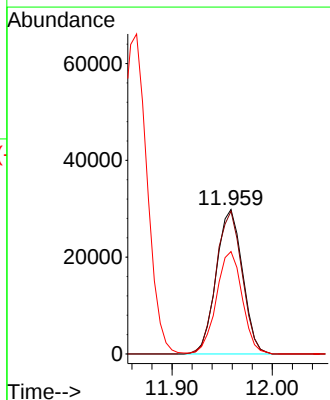
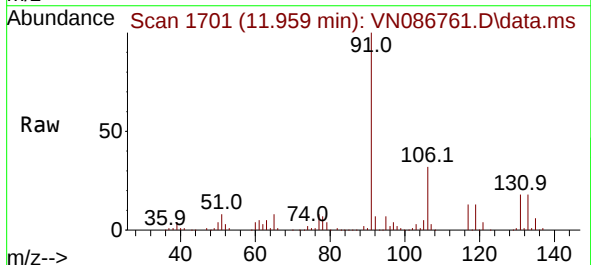
Manual Integrations
APPROVED

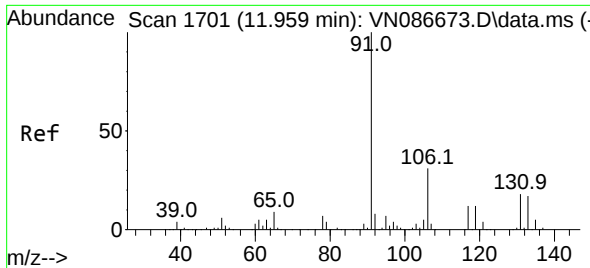
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.757 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

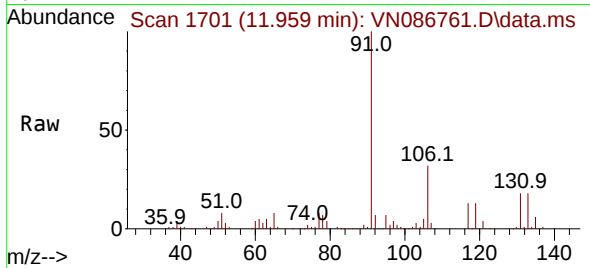
Tgt Ion:131 Resp: 54407
Ion Ratio Lower Upper
131 100
133 98.1 47.9 143.7
119 69.4 33.6 100.8





#67
Ethyl Benzene
Concen: 20.151 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

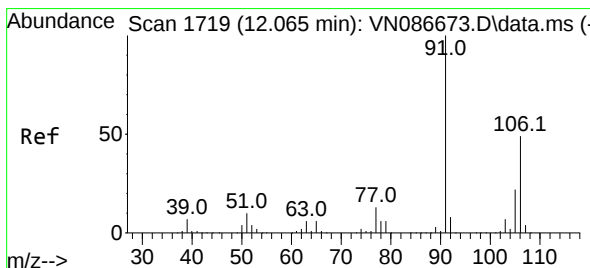
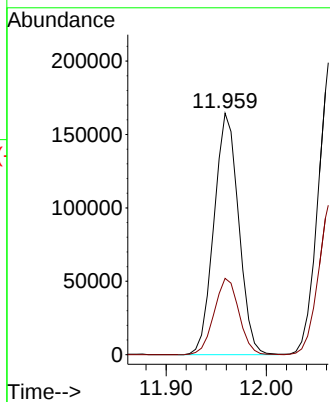
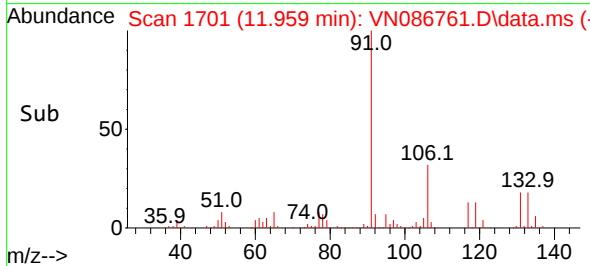
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



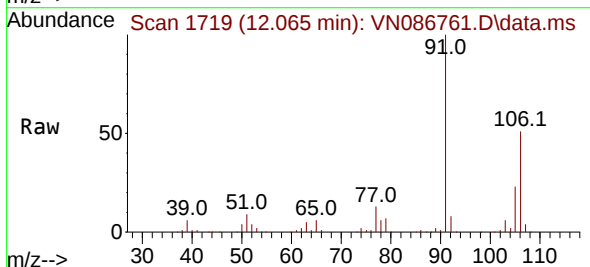
Tgt Ion: 91 Resp: 280240
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8

Manual Integrations
APPROVED

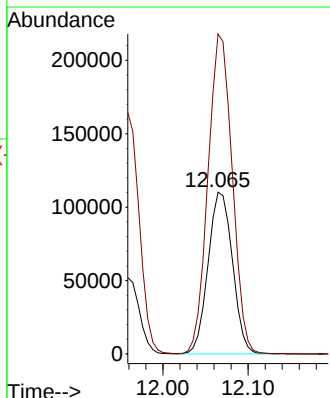
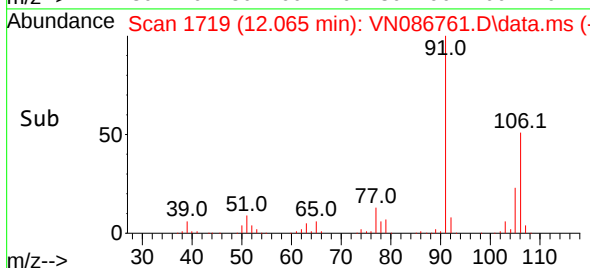
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

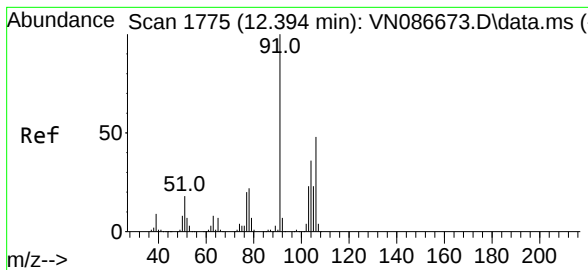


#68
m/p-Xylenes
Concen: 41.652 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



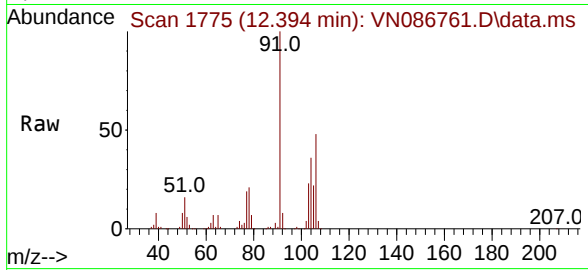
Tgt Ion:106 Resp: 219400
Ion Ratio Lower Upper
106 100
91 196.8 162.4 243.6





#69
o-Xylene
Concen: 20.604 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

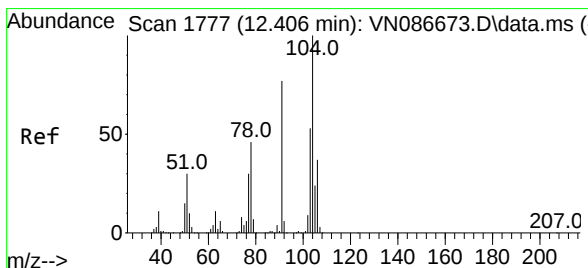
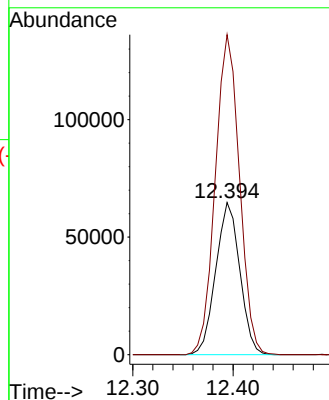
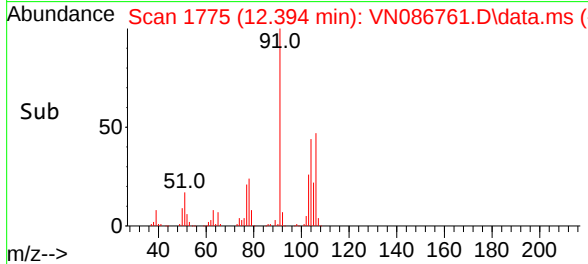
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



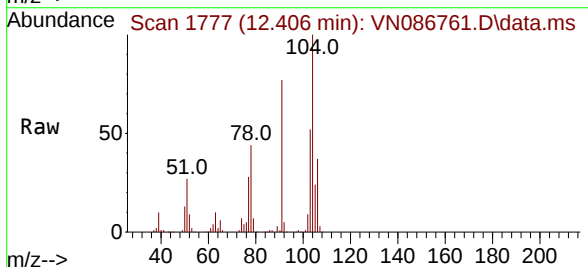
Tgt Ion:106 Resp: 107898
Ion Ratio Lower Upper
106 100
91 211.5 105.1 315.1

Manual Integrations
APPROVED

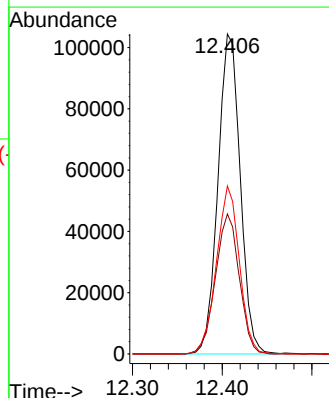
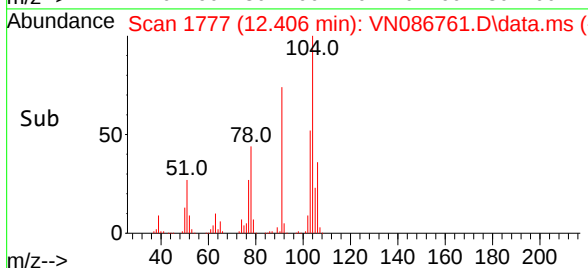
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

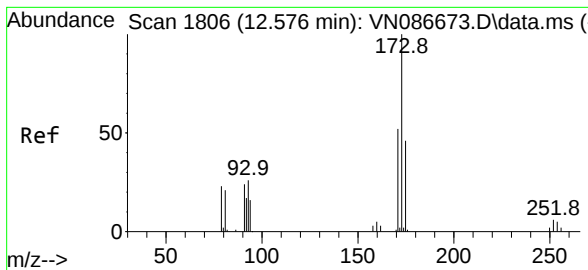


#70
Styrene
Concen: 21.009 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



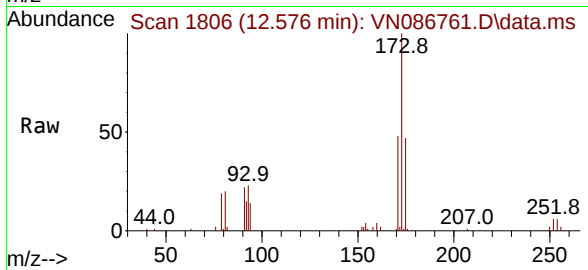
Tgt Ion:104 Resp: 180125
Ion Ratio Lower Upper
104 100
78 46.7 39.0 58.6
103 54.0 43.8 65.8





#71
Bromoform
Concen: 22.036 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

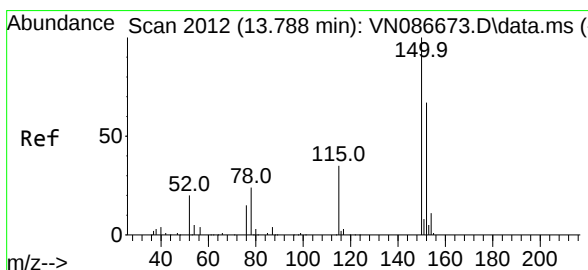
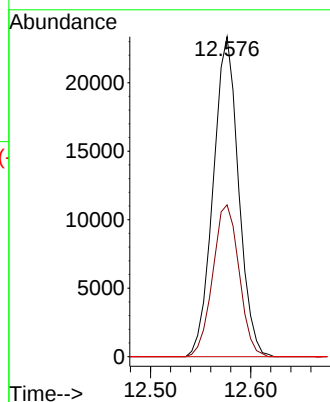
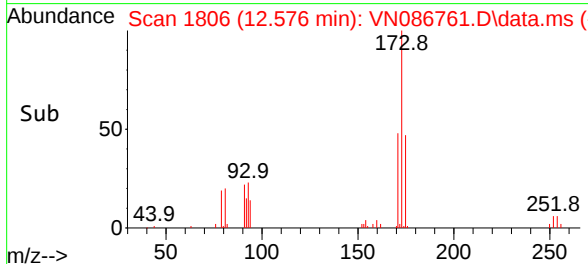
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



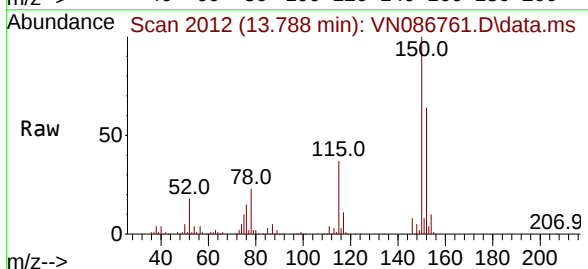
Tgt Ion:173 Resp: 4107
Ion Ratio Lower Upper
173 100
175 49.2 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

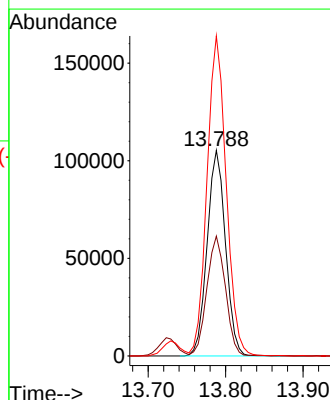
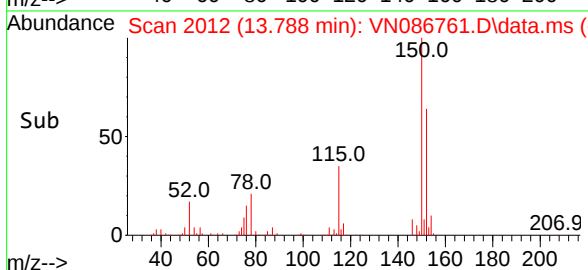
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

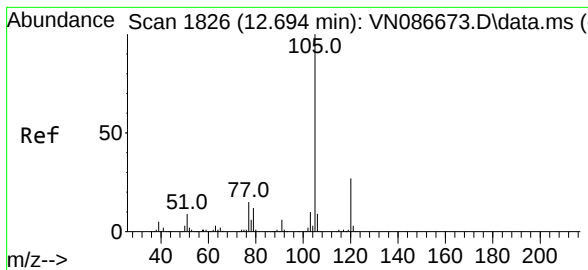


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



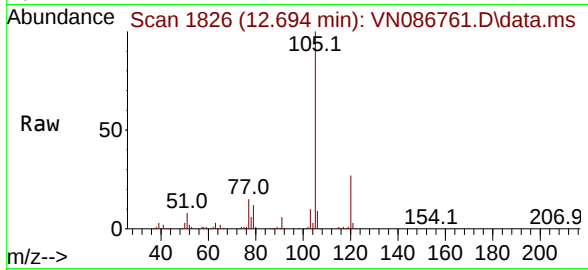
Tgt Ion:152 Resp: 173471
Ion Ratio Lower Upper
152 100
115 59.0 30.0 90.1
150 162.0 0.0 347.8





#73
Isopropylbenzene
Concen: 19.392 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

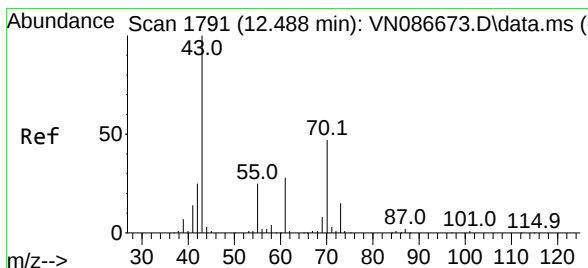
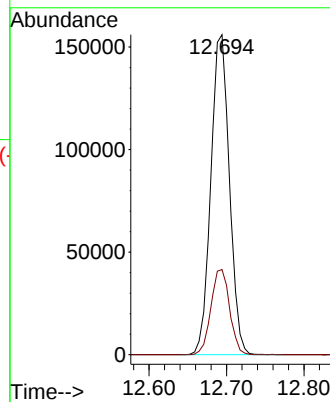
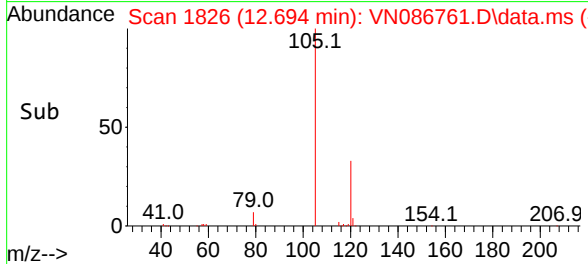
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



Tgt Ion:105 Resp: 25981
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

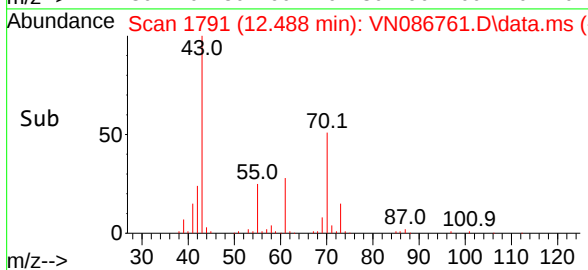
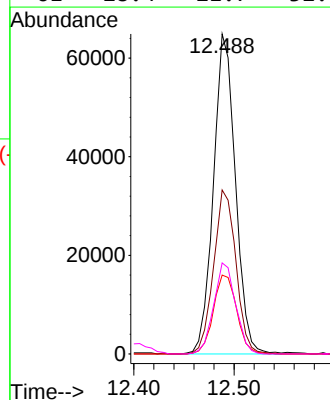
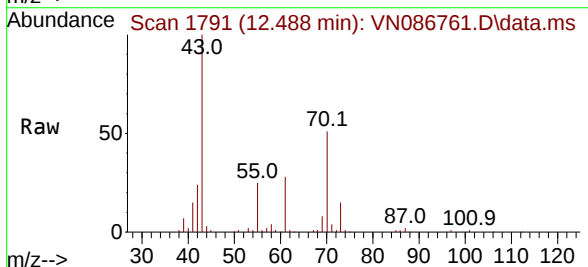
Manual Integrations
APPROVED

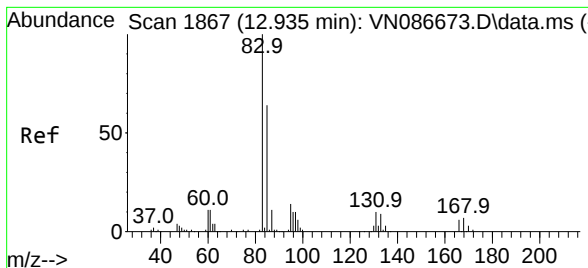
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#74
N-ethyl acetate
Concen: 17.665 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Tgt Ion: 43 Resp: 98883
Ion Ratio Lower Upper
43 100
70 52.0 37.9 56.9
55 26.3 20.5 30.7
61 28.4 21.7 32.5





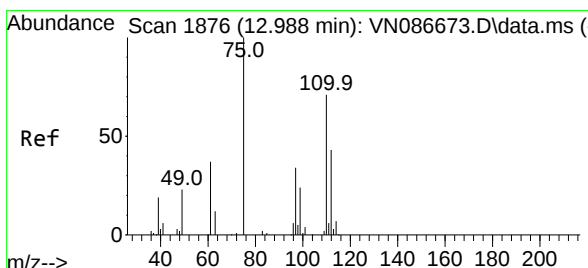
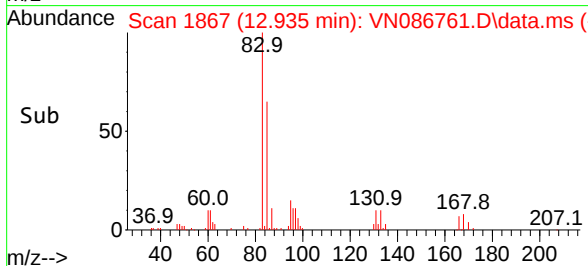
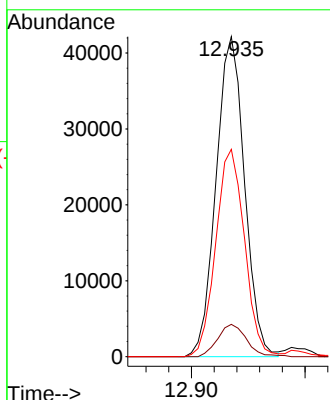
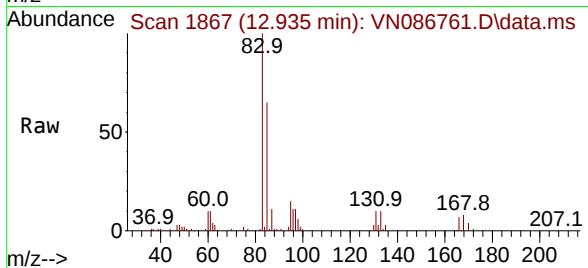
#75
1,1,2,2-Tetrachloroethane
Concen: 17.885 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01

Tgt Ion: 83 Resp: 73610
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 65.1 32.4 97.2

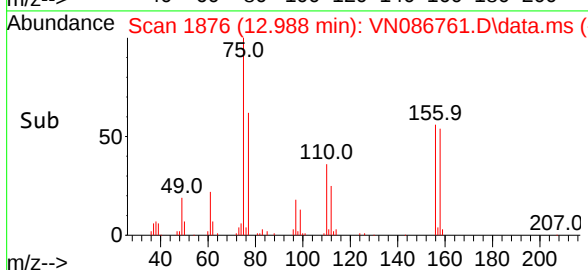
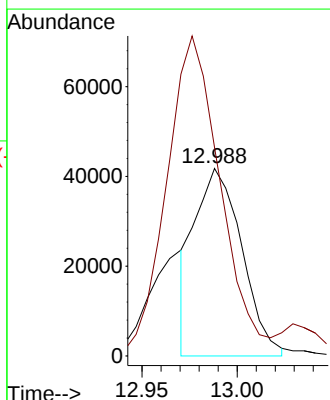
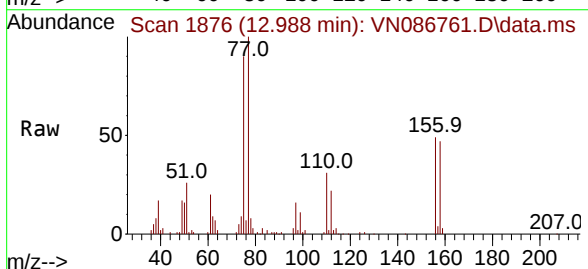
Manual Integrations
APPROVED

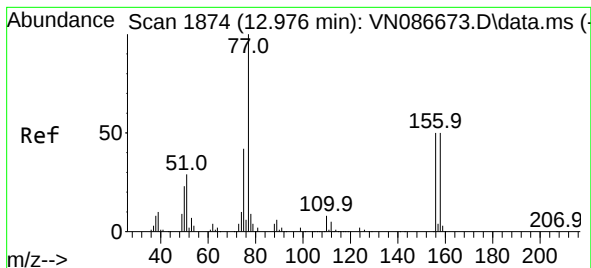
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#76
1,2,3-Trichloropropane
Concen: 18.273 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Tgt Ion: 75 Resp: 71687
Ion Ratio Lower Upper
75 100
77 195.6 96.0 288.1





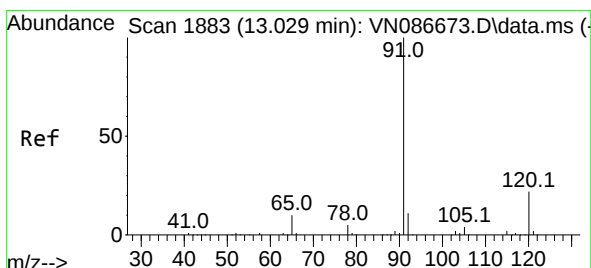
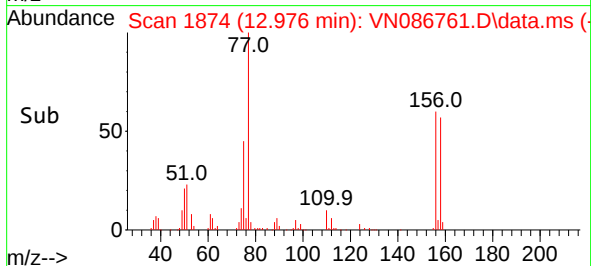
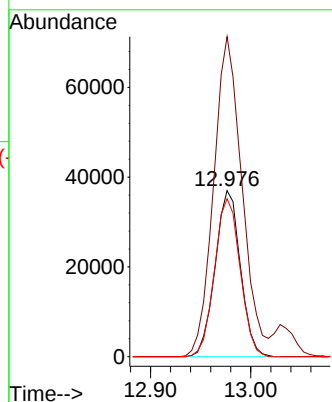
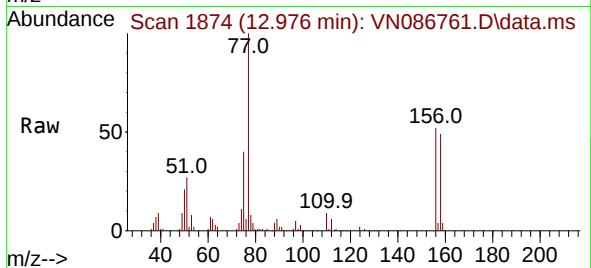
#77
Bromobenzene
Concen: 19.149 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion:156 Resp: 64538
Ion Ratio Lower Upper
156 100
77 217.3 113.1 339.2
158 96.5 48.6 145.9

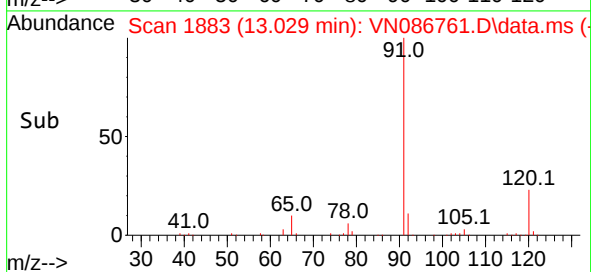
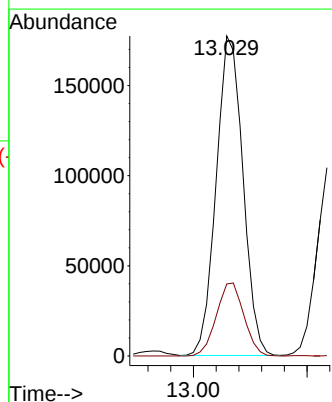
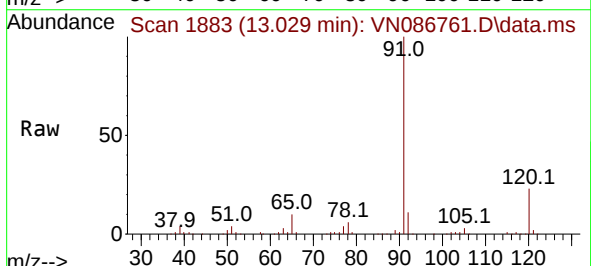
Manual Integrations
APPROVED

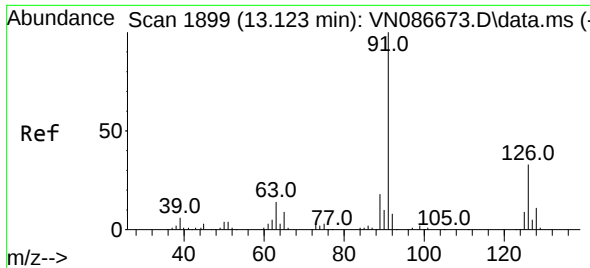
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#78
n-propylbenzene
Concen: 18.846 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Tgt Ion: 91 Resp: 289765
Ion Ratio Lower Upper
91 100
120 23.5 11.4 34.1





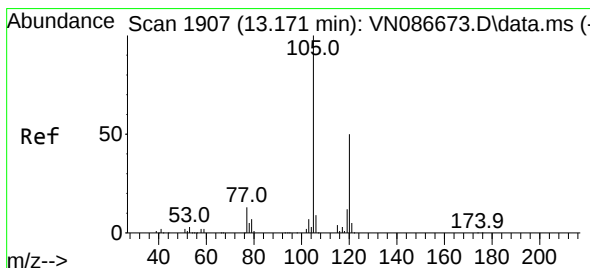
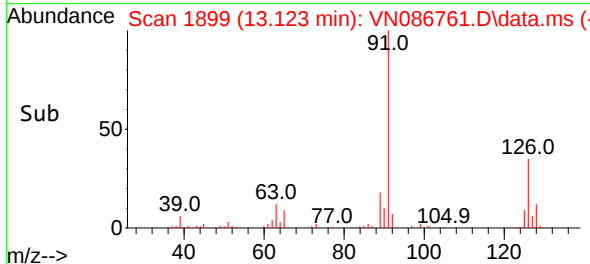
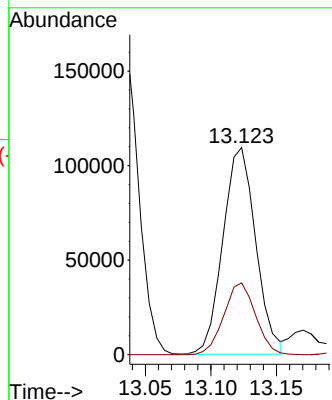
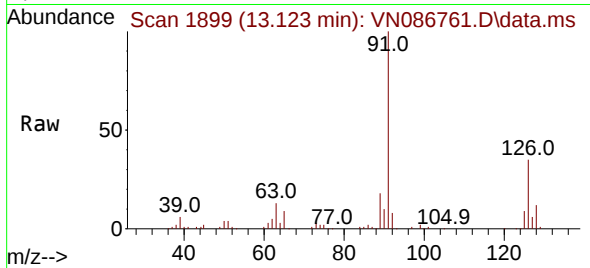
#79
2-Chlorotoluene
Concen: 19.039 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01

Tgt Ion: 91 Resp: 190338
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.7

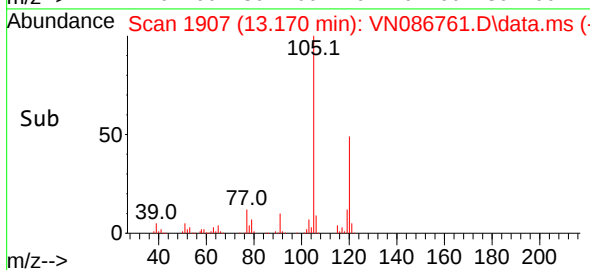
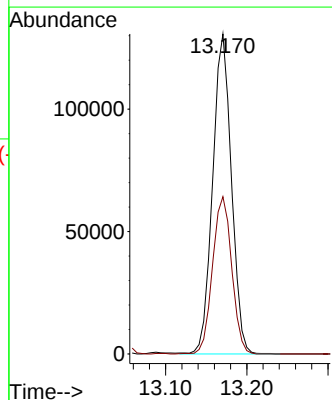
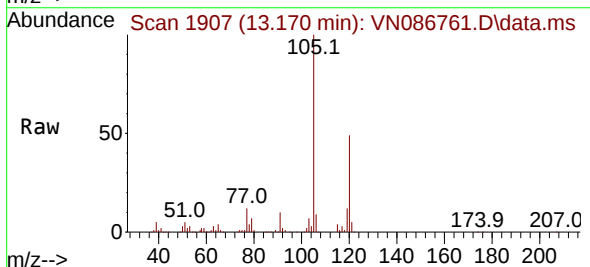
Manual Integrations
APPROVED

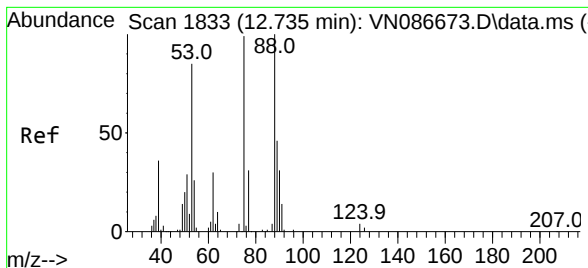
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.541 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

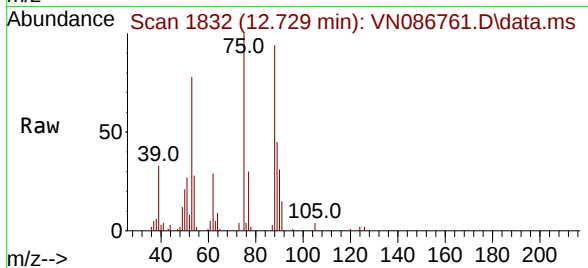
Tgt Ion:105 Resp: 209751
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.677 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

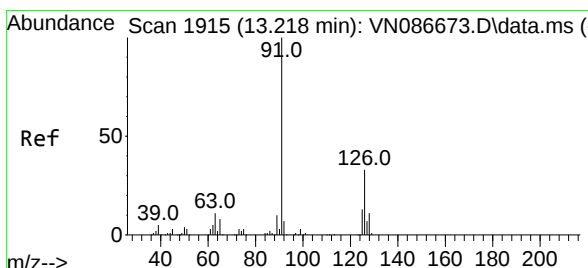
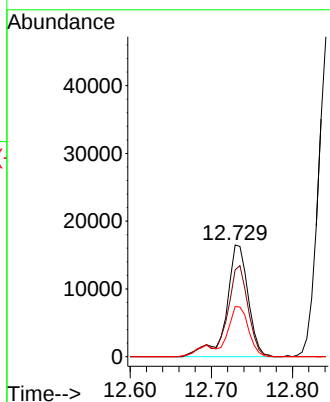
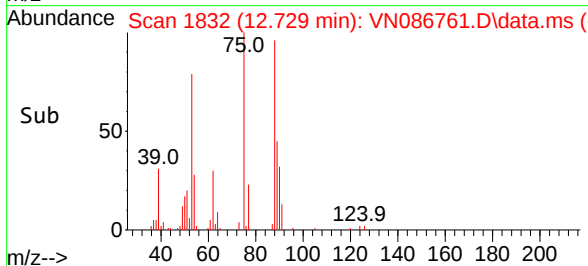
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion: 75 Resp: 30589
Ion Ratio Lower Upper
75 100
53 73.2 70.4 105.6
89 41.5 32.4 48.6

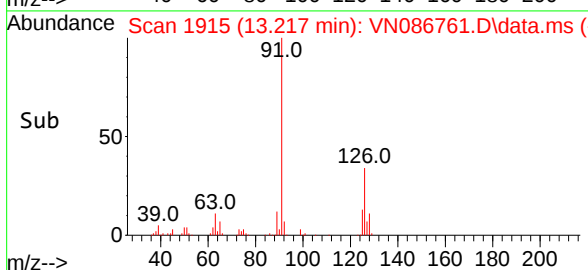
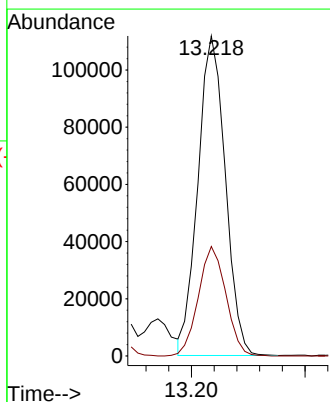
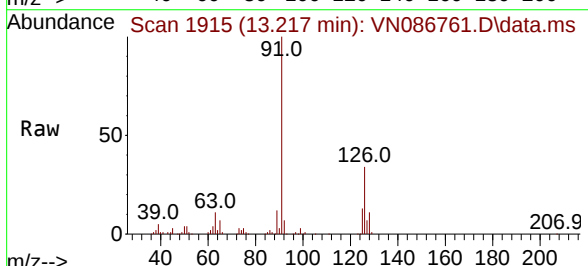
Manual Integrations
APPROVED

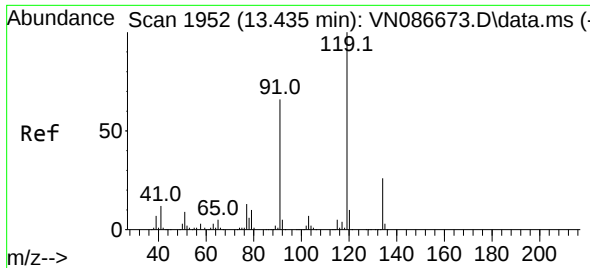
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#82
4-Chlorotoluene
Concen: 18.893 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

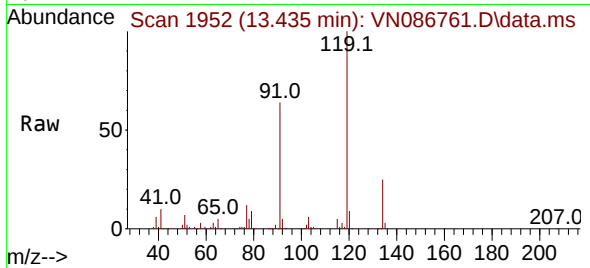
Tgt Ion: 91 Resp: 187125
Ion Ratio Lower Upper
91 100
126 34.4 17.0 50.9





#83
 tert-Butylbenzene
 Concen: 19.542 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086761.D
 Acq: 22 May 2025 13:07

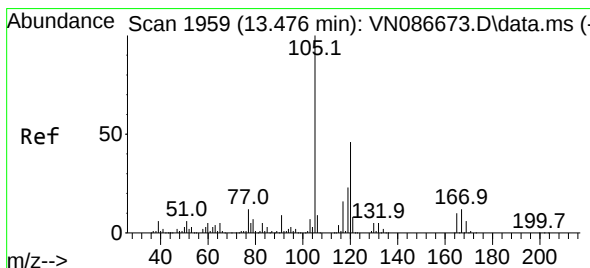
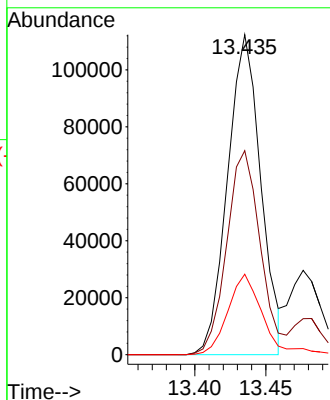
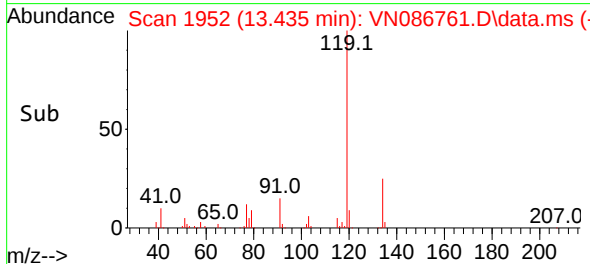
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBS01



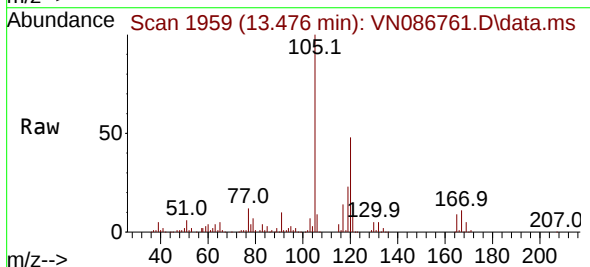
Tgt Ion:119 Resp: 182930
 Ion Ratio Lower Upper
 119 100
 91 65.0 32.9 98.7
 134 26.3 13.4 40.1

Manual Integrations
 APPROVED

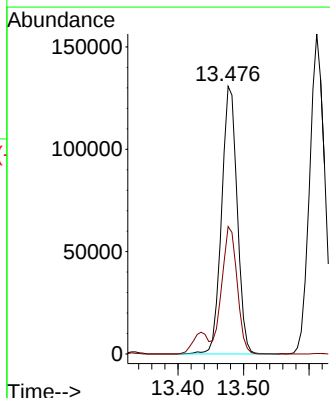
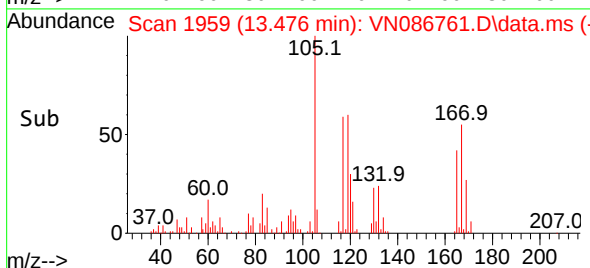
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

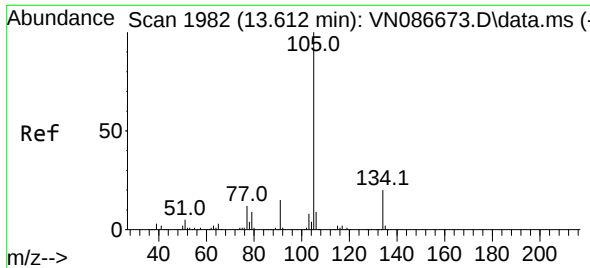


#84
 1,2,4-Trimethylbenzene
 Concen: 20.095 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086761.D
 Acq: 22 May 2025 13:07



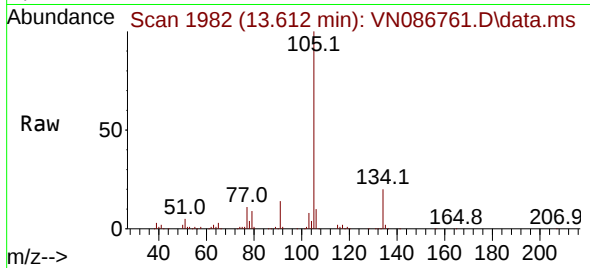
Tgt Ion:105 Resp: 214802
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 19.867 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086761.D
 Acq: 22 May 2025 13:07

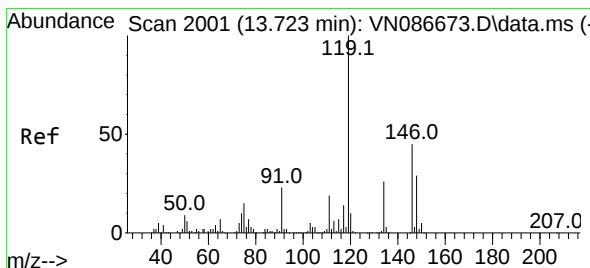
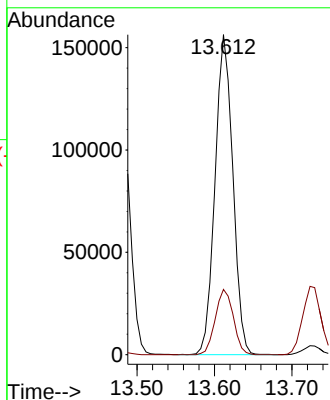
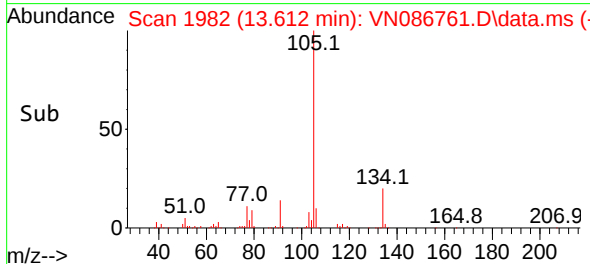
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBSD01



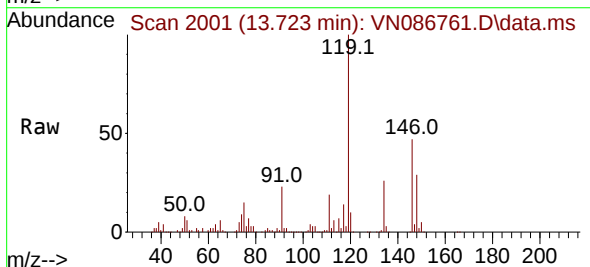
Tgt Ion:105 Resp: 249369
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1

Manual Integrations
 APPROVED

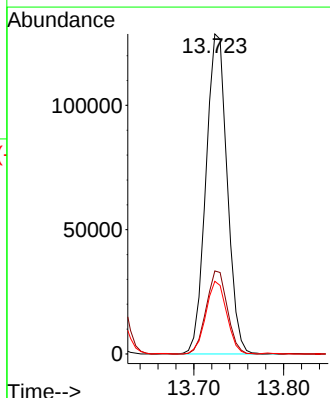
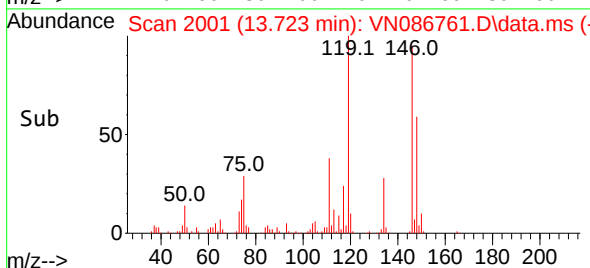
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

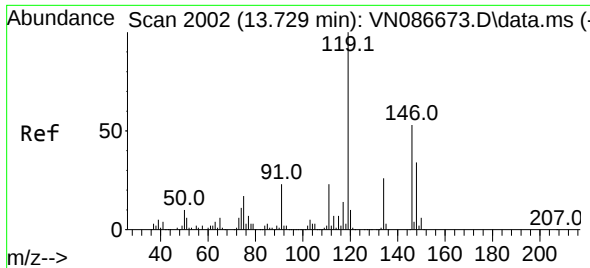


#86
 p-Isopropyltoluene
 Concen: 20.578 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086761.D
 Acq: 22 May 2025 13:07



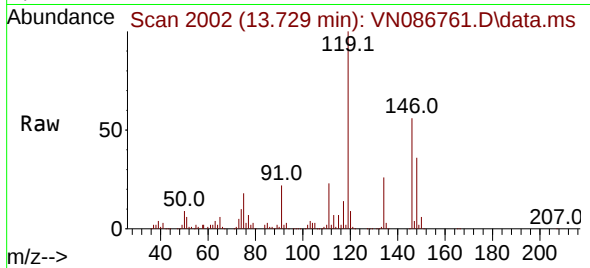
Tgt Ion:119 Resp: 211720
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 22.3 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 20.117 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

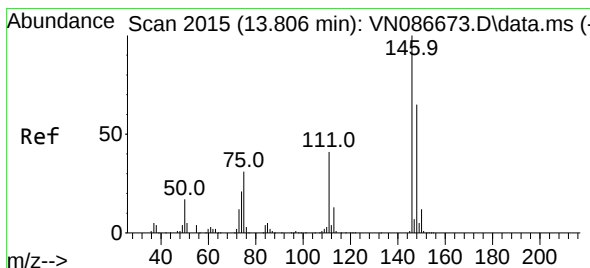
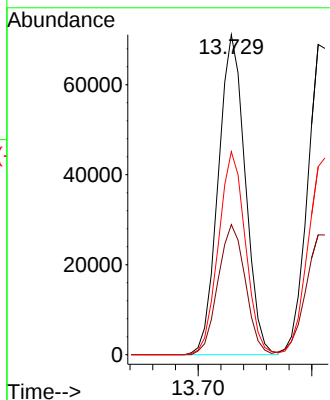
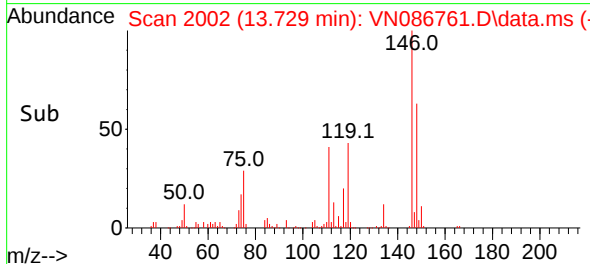
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



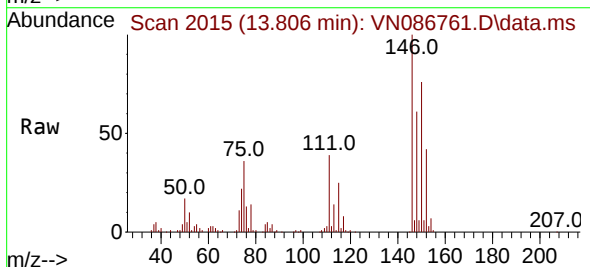
Tgt Ion:146 Resp: 117402
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.7
148 63.4 31.8 95.4

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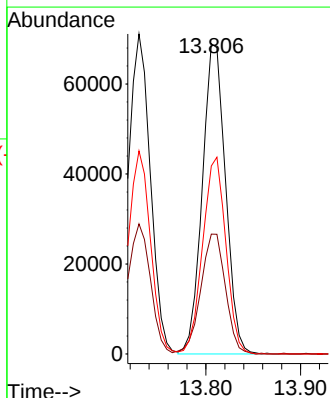
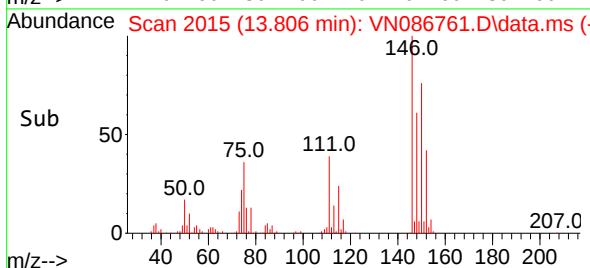
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

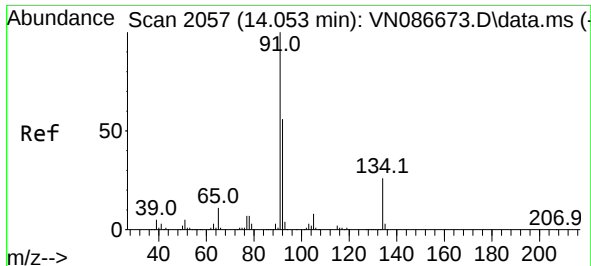


#88
1,4-Dichlorobenzene
Concen: 20.310 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



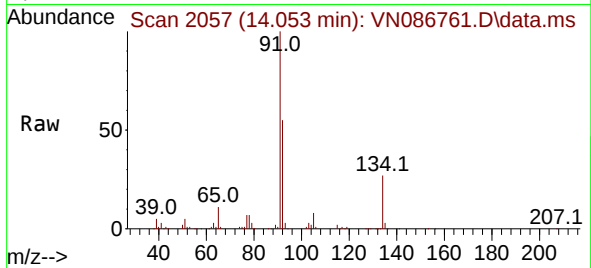
Tgt Ion:146 Resp: 117439
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 63.5 32.0 96.0





#89
n-Butylbenzene
Concen: 19.824 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

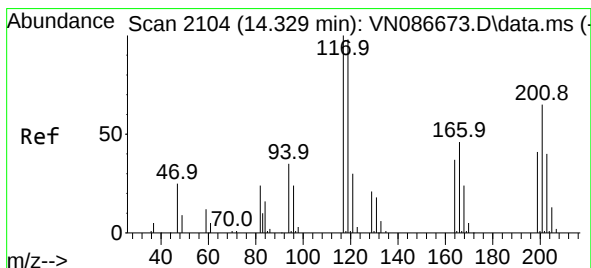
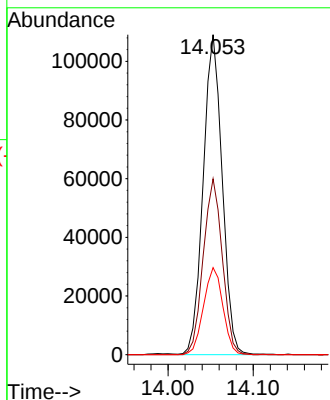
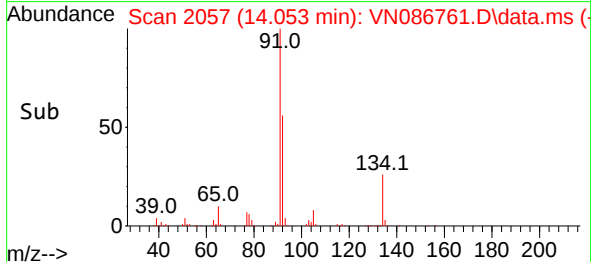
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion: 91 Resp: 16908
Ion Ratio Lower Upper
91 100
92 55.0 27.4 82.0
134 27.7 12.8 38.4

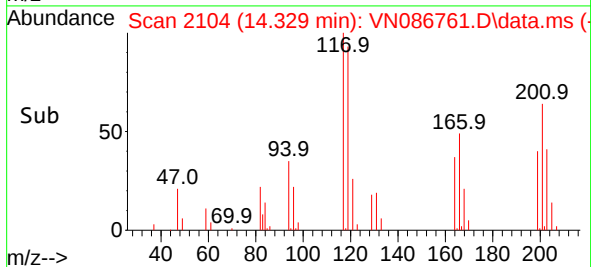
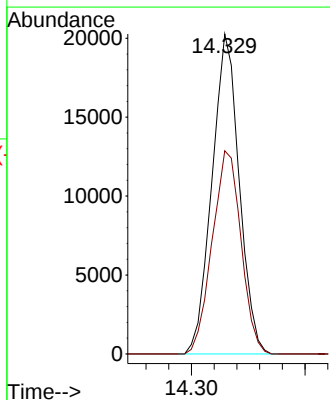
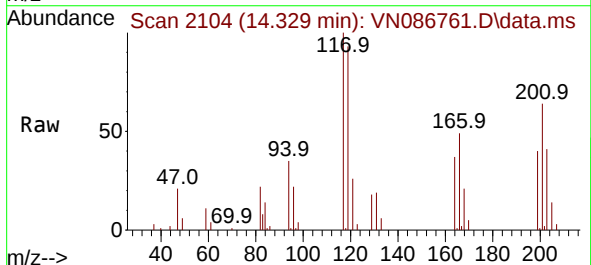
Manual Integrations
APPROVED

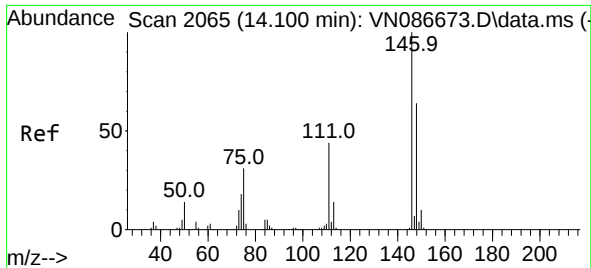
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#90
Hexachloroethane
Concen: 19.745 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

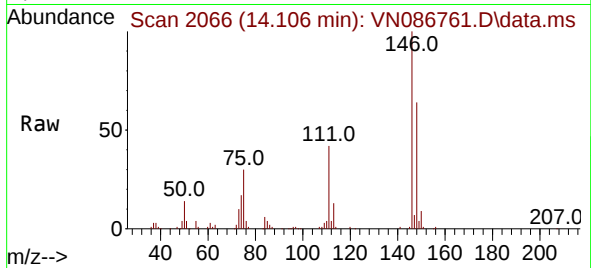
Tgt Ion:117 Resp: 33707
Ion Ratio Lower Upper
117 100
201 67.2 32.0 96.0





#91
1,2-Dichlorobenzene
Concen: 20.308 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

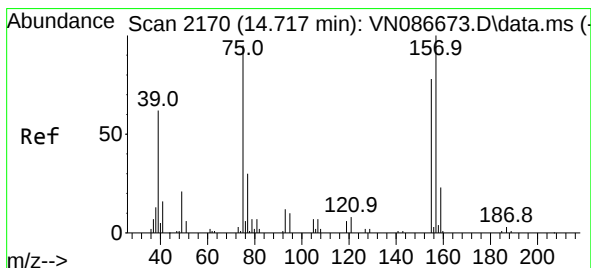
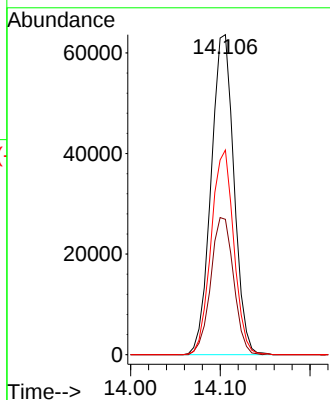
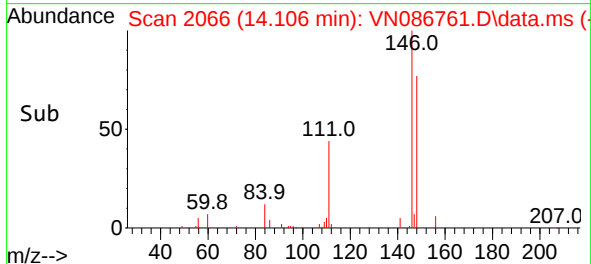
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



Tgt Ion:146 Resp: 112729
Ion Ratio Lower Upper
146 100
111 42.8 21.6 65.0
148 63.4 31.7 95.1

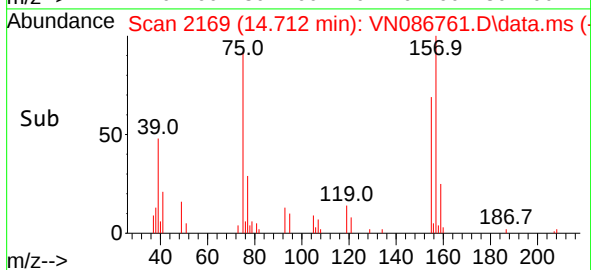
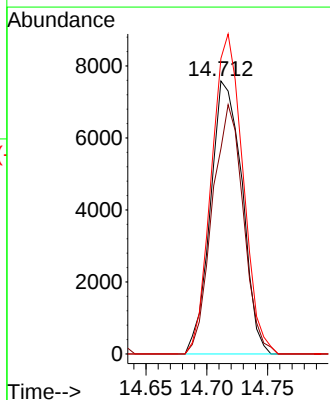
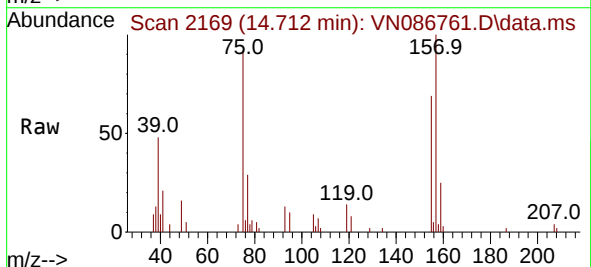
Manual Integrations
APPROVED

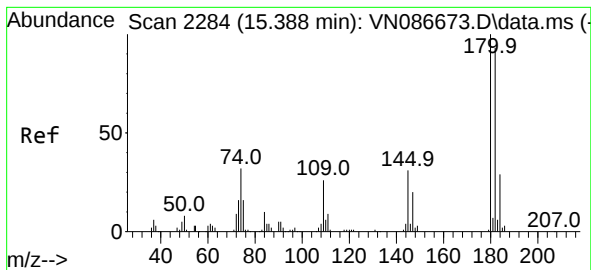
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.051 ug/l
RT: 14.712 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

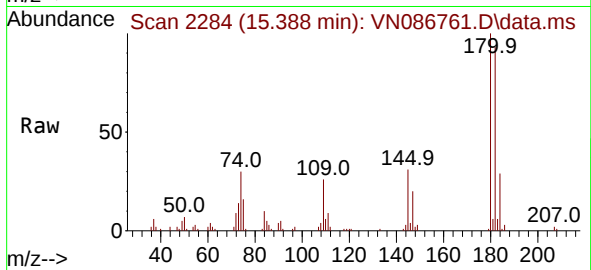
Tgt Ion: 75 Resp: 13672
Ion Ratio Lower Upper
75 100
155 89.8 40.5 121.5
157 116.4 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 22.269 ug/l
RT: 15.388 min Scan# 2179
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

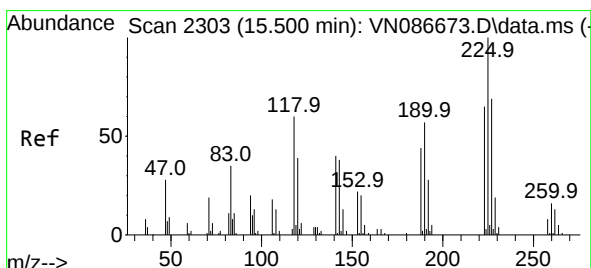
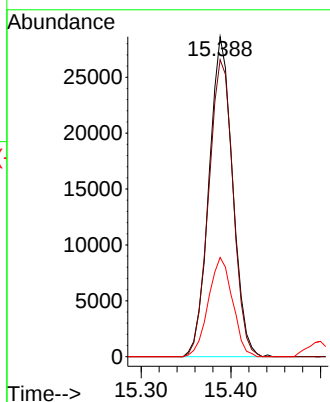
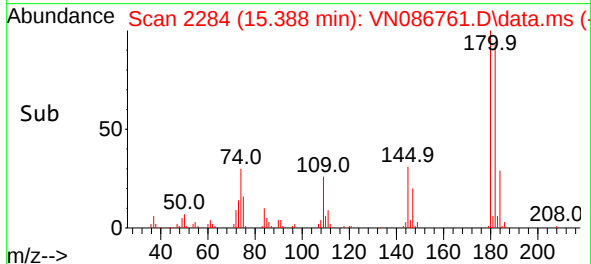
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBS01



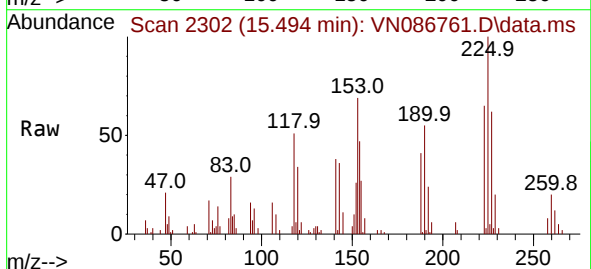
Tgt Ion:180 Resp: 52179
Ion Ratio Lower Upper
180 100
182 95.8 47.1 141.3
145 31.8 15.6 46.8

Manual Integrations
APPROVED

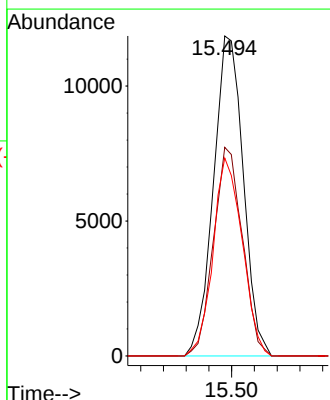
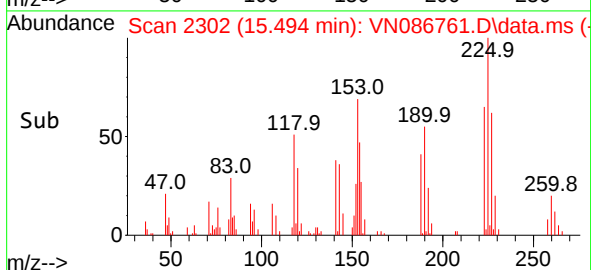
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

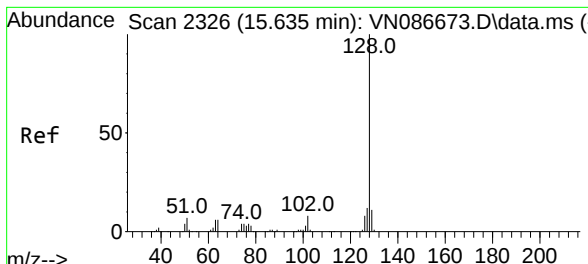


#94
Hexachlorobutadiene
Concen: 22.229 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



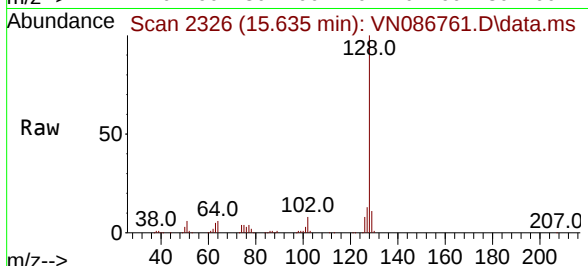
Tgt Ion:225 Resp: 21609
Ion Ratio Lower Upper
225 100
223 63.2 32.9 98.6
227 60.7 32.4 97.2





#95
Naphthalene
Concen: 33.622 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07

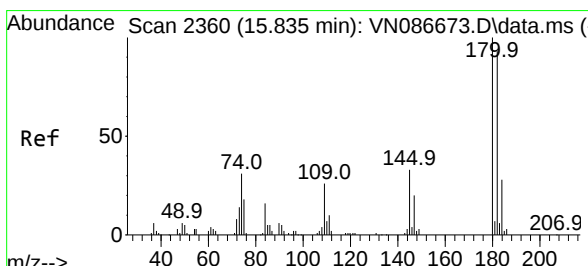
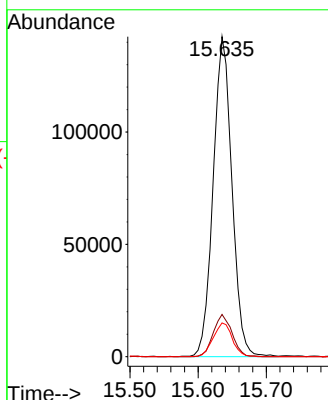
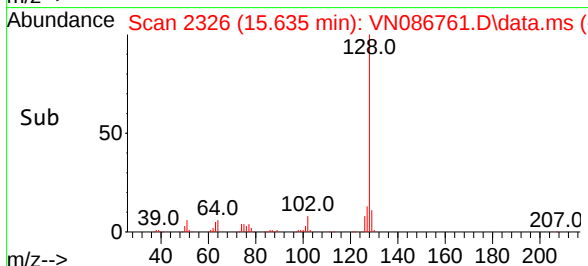
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBSD01



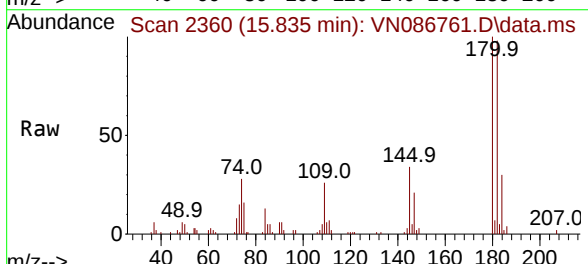
Tgt Ion:128 Resp: 273538
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.7 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 21.487 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086761.D
Acq: 22 May 2025 13:07



Tgt Ion:180 Resp: 49303
Ion Ratio Lower Upper
180 100
182 96.7 47.0 141.2
145 33.2 16.7 50.1

