

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086726.D
 Acq On : 21 May 2025 13:05
 Operator : JC\MD
 Sample : VN0521WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:21:20 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	167977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125074	53.885	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.760%			
35) Dibromofluoromethane	8.159	113	97598	53.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.320%			
50) Toluene-d8	10.565	98	404098	53.113	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.220%			
62) 4-Bromofluorobenzene	12.847	95	144648	53.844	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42418	23.383	ug/l	95
3) Chloromethane	2.359	50	58695	21.392	ug/l	98
4) Vinyl Chloride	2.518	62	52170	21.172	ug/l	99
5) Bromomethane	2.959	94	28887	20.335	ug/l	98
6) Chloroethane	3.124	64	32966	20.422	ug/l	93
7) Trichlorofluoromethane	3.495	101	60737	20.625	ug/l	94
8) Diethyl Ether	3.953	74	26172	21.514	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	37948	21.525	ug/l	99
10) Methyl Iodide	4.589	142	42280	19.280	ug/l	100
11) Tert butyl alcohol	5.512	59	43568	103.062	ug/l #	86
12) 1,1-Dichloroethene	4.342	96	38181	20.379	ug/l	99
13) Acrolein	4.177	56	43609	96.498	ug/l	100
14) Allyl chloride	5.024	41	58528	20.639	ug/l	99
15) Acrylonitrile	5.718	53	115460	110.310	ug/l	100
16) Acetone	4.424	43	88783	102.254	ug/l	94
17) Carbon Disulfide	4.712	76	106898	20.608	ug/l	99
18) Methyl Acetate	5.018	43	51076	21.018	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	138693	21.740	ug/l	98
20) Methylene Chloride	5.277	84	46878	20.460	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	40944	20.670	ug/l	97
22) Diisopropyl ether	6.665	45	142064	22.205	ug/l	99
23) Vinyl Acetate	6.600	43	514062	106.911	ug/l	99
24) 1,1-Dichloroethane	6.565	63	79734	21.227	ug/l	100
25) 2-Butanone	7.477	43	144861	107.968	ug/l	96
26) 2,2-Dichloropropane	7.483	77	63851	20.598	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	50051	20.585	ug/l	98
28) Bromochloromethane	7.812	49	36951	21.652	ug/l	100
29) Tetrahydrofuran	7.835	42	92420	105.533	ug/l	99
30) Chloroform	7.965	83	79014	21.016	ug/l	98
31) Cyclohexane	8.253	56	71215	20.443	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	65524	20.671	ug/l	99
36) 1,1-Dichloropropene	8.371	75	55914	20.647	ug/l	99
37) Ethyl Acetate	7.559	43	57302	20.947	ug/l	100
38) Carbon Tetrachloride	8.353	117	55235	20.701	ug/l	93
39) Methylcyclohexane	9.594	83	61105	20.848	ug/l	97
40) Benzene	8.600	78	185065	20.948	ug/l	100

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Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30910	20.927	ug/l	97
42) 1,2-Dichloroethane	8.665	62	58142	21.125	ug/l	100
43) Isopropyl Acetate	8.682	43	106076	19.343	ug/l	99
44) Trichloroethene	9.353	130	44189	20.738	ug/l	99
45) 1,2-Dichloropropane	9.618	63	44792	21.343	ug/l	98
46) Dibromomethane	9.706	93	29562	20.876	ug/l	98
47) Bromodichloromethane	9.882	83	62561	21.442	ug/l	98
48) Methyl methacrylate	9.677	41	46327	21.800	ug/l	96
49) 1,4-Dioxane	9.694	88	18404	409.001	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	292838	105.888	ug/l	100
52) Toluene	10.629	92	115430	21.023	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	65925	21.340	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	72722	21.565	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	43628	21.301	ug/l	98
56) Ethyl methacrylate	10.871	69	69861	21.243	ug/l	98
57) 1,3-Dichloropropane	11.159	76	75785	21.478	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	149782	101.909	ug/l	99
59) 2-Hexanone	11.194	43	214432	106.178	ug/l	100
60) Dibromochloromethane	11.359	129	45677	21.279	ug/l	99
61) 1,2-Dibromoethane	11.465	107	43320	21.047	ug/l	99
64) Tetrachloroethene	11.100	164	45217	20.903	ug/l	94
65) Chlorobenzene	11.888	112	124637	20.128	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	40791	20.406	ug/l	98
67) Ethyl Benzene	11.959	91	211990	19.987	ug/l	96
68) m/p-Xylenes	12.070	106	167118	41.600	ug/l	100
69) o-Xylene	12.394	106	81555	20.420	ug/l	97
70) Styrene	12.406	104	134928	20.635	ug/l	100
71) Bromoform	12.576	173	29481	20.737	ug/l #	95
73) Isopropylbenzene	12.694	105	192042	19.452	ug/l	99
74) N-amyl acetate	12.488	43	80271	19.460	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	60763	20.033	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	57940m	20.042	ug/l	
77) Bromobenzene	12.976	156	47560	19.150	ug/l	97
78) n-propylbenzene	13.035	91	231142	20.401	ug/l	100
79) 2-Chlorotoluene	13.123	91	148057	20.098	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	160663	20.312	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	22238	19.412	ug/l	96
82) 4-Chlorotoluene	13.217	91	148857	20.395	ug/l	99
83) tert-Butylbenzene	13.435	119	140117	20.312	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	161931	20.558	ug/l	98
85) sec-Butylbenzene	13.612	105	190108	20.554	ug/l	99
86) p-Isopropyltoluene	13.723	119	157351	20.754	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	88643	20.612	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	87276	20.483	ug/l	99
89) n-Butylbenzene	14.053	91	133683	21.269	ug/l	99
90) Hexachloroethane	14.335	117	25027	19.895	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	84061	20.551	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10391	20.680	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	35545	20.587	ug/l	100
94) Hexachlorobutadiene	15.500	225	14802	20.663	ug/l	97
95) Naphthalene	15.635	128	117251	19.558	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	34692	20.517	ug/l	99

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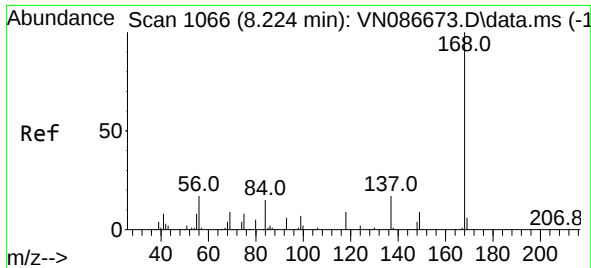
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:21:20 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

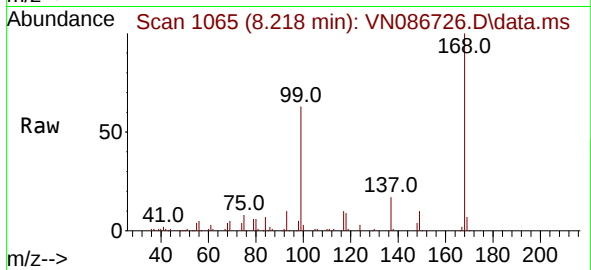
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN086726.D
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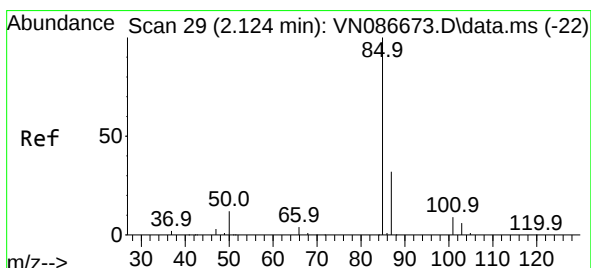
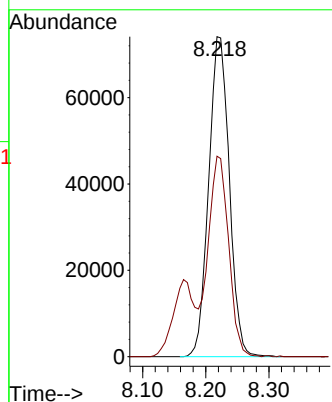
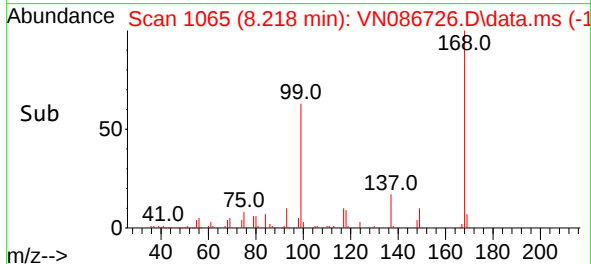
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



Tgt Ion:168 Resp: 16797
Ion Ratio Lower Upper
168 100
99 62.4 47.0 70.4

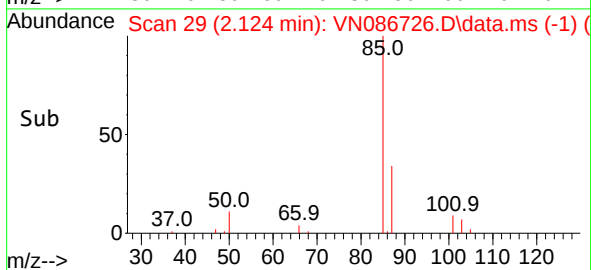
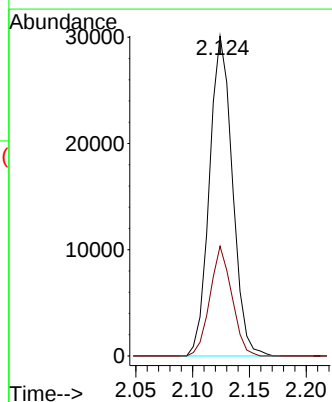
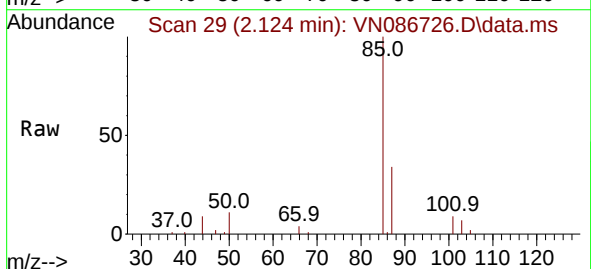
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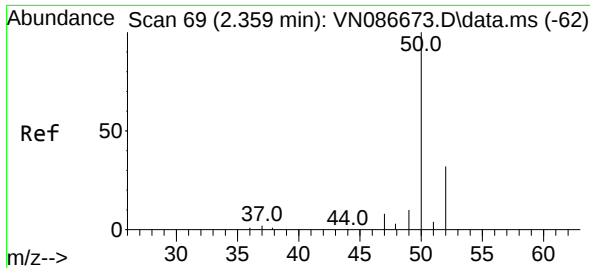
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#2
Dichlorodifluoromethane
Concen: 23.383 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Tgt Ion: 85 Resp: 42418
Ion Ratio Lower Upper
85 100
87 34.3 15.9 47.6





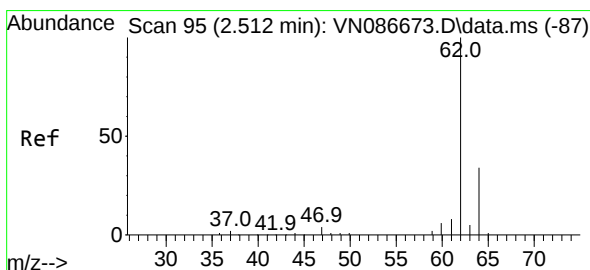
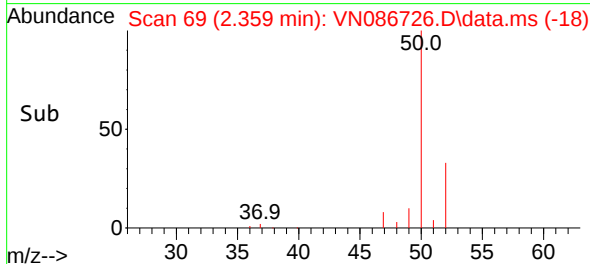
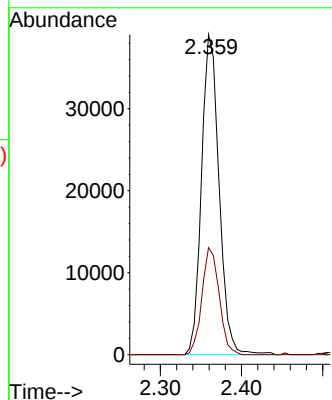
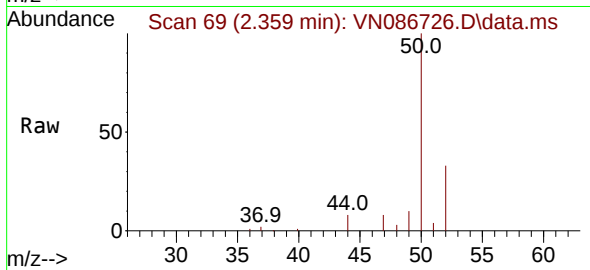
#3
Chloromethane
Concen: 21.392 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

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Tgt Ion: 50 Resp: 5869
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

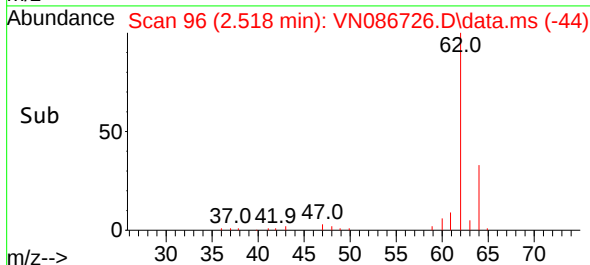
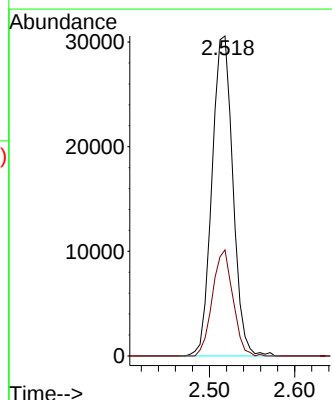
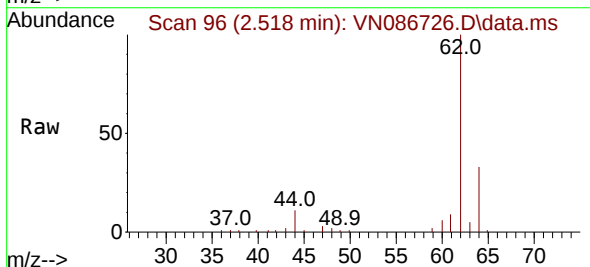
Manual Integrations
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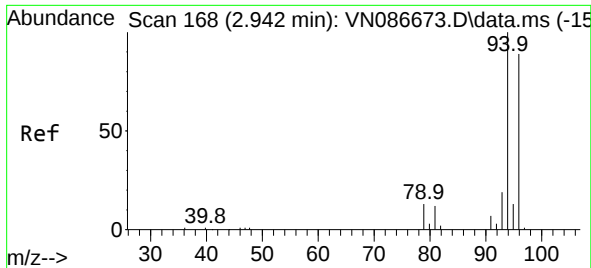
Reviewed By :John Carlone 05/22/2025
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#4
Vinyl Chloride
Concen: 21.172 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

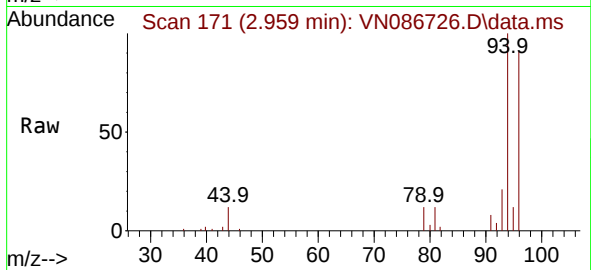
Tgt Ion: 62 Resp: 52170
Ion Ratio Lower Upper
62 100
64 33.1 26.9 40.3





#5
Bromomethane
Concen: 20.335 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

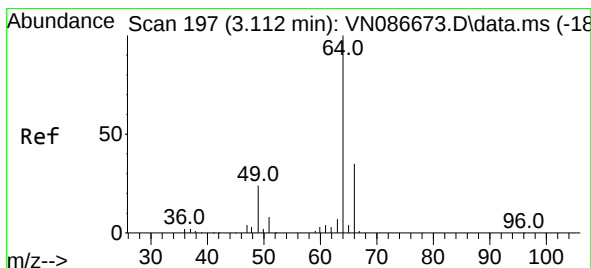
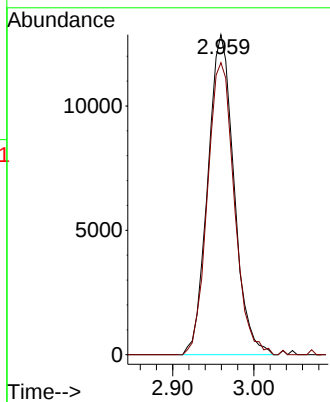
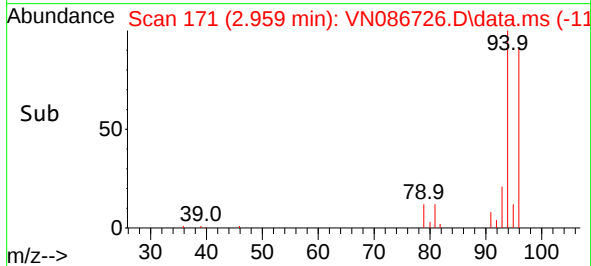
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Tgt Ion: 94 Resp: 2888
Ion Ratio Lower Upper
94 100
96 91.3 71.2 106.8

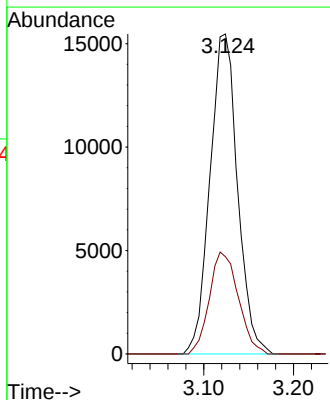
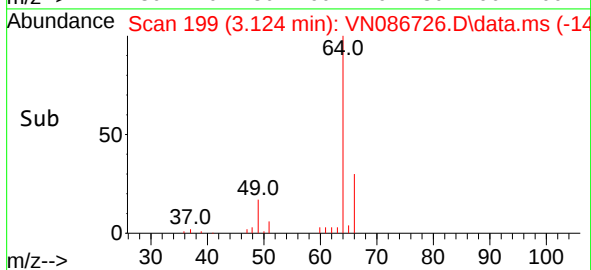
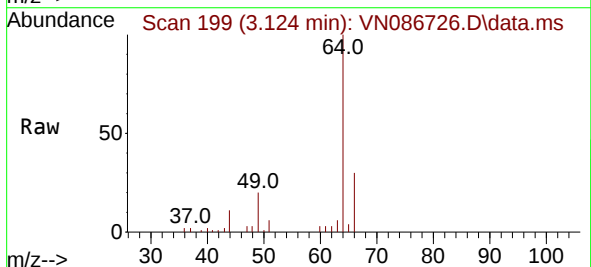
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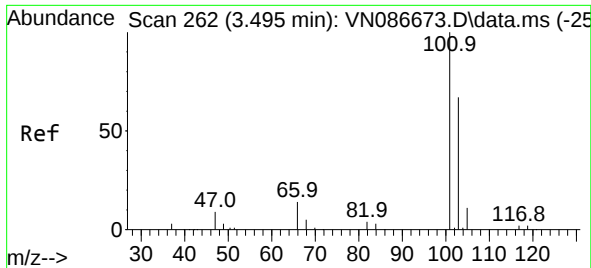
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#6
Chloroethane
Concen: 20.422 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

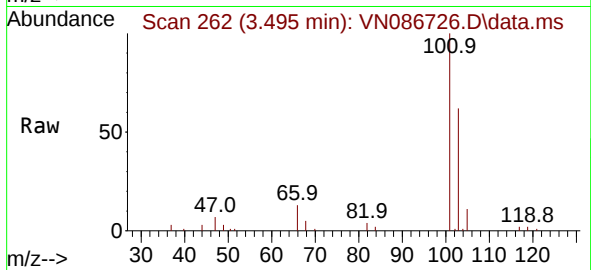
Tgt Ion: 64 Resp: 32966
Ion Ratio Lower Upper
64 100
66 30.4 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 20.625 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086726.D
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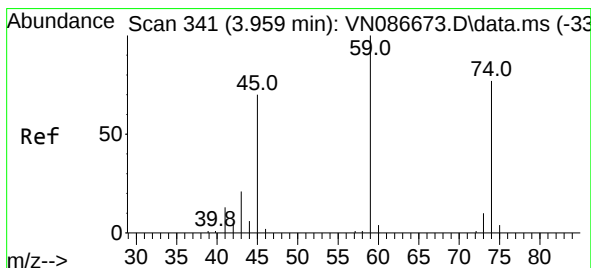
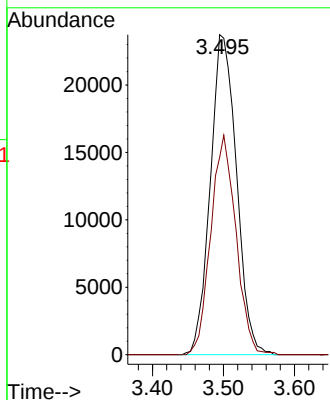
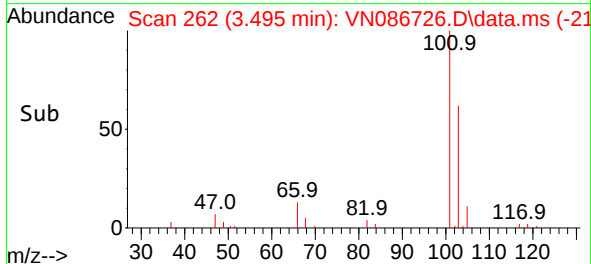
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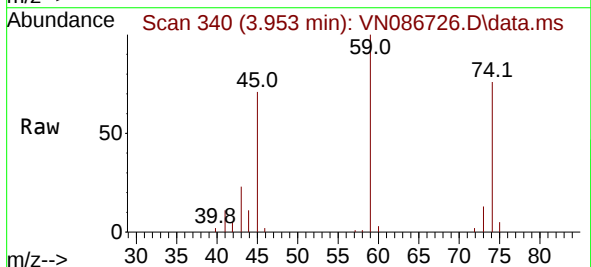
Tgt Ion:101 Resp: 6073
 Ion Ratio Lower Upper
 101 100
 103 61.6 53.4 80.0

Manual Integrations
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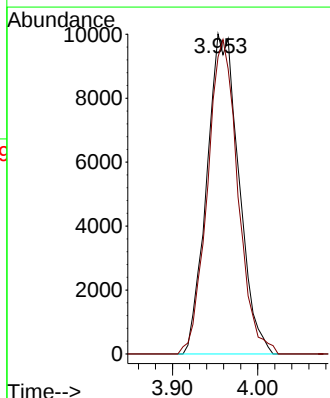
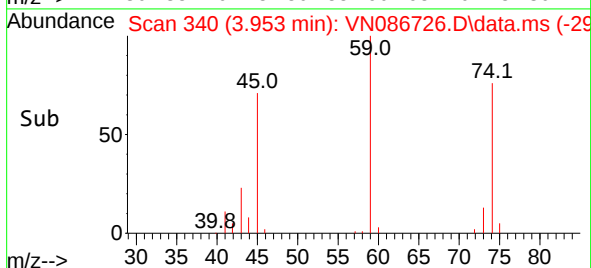
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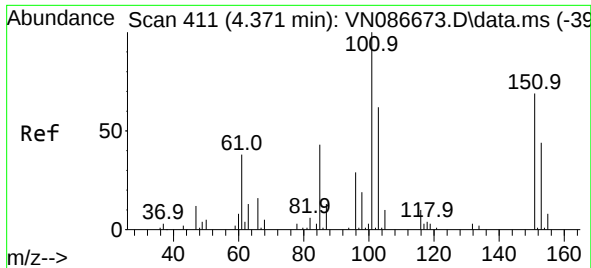


#8
 Diethyl Ether
 Concen: 21.514 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN086726.D
 Acq: 21 May 2025 13:05



Tgt Ion: 74 Resp: 26172
 Ion Ratio Lower Upper
 74 100
 45 93.0 45.0 135.0





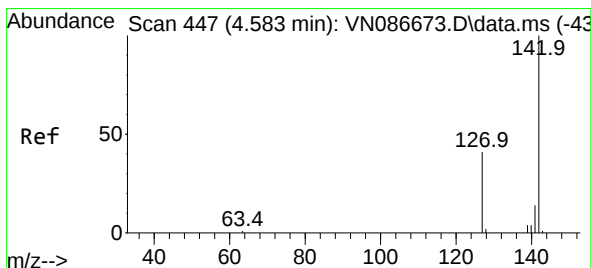
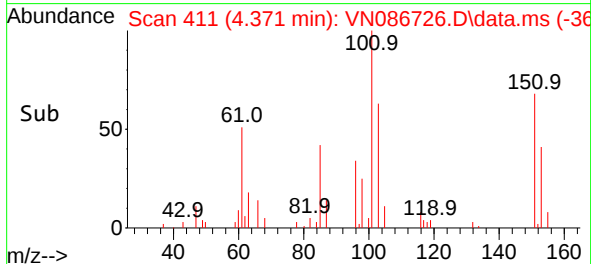
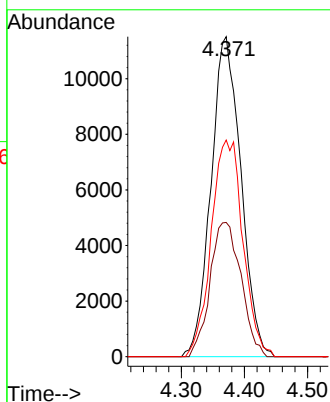
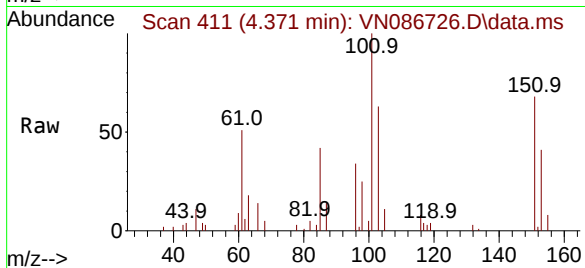
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.525 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion:101 Resp: 3794
Ion Ratio Lower Upper
101 100
85 43.4 35.0 52.6
151 71.6 58.1 87.1

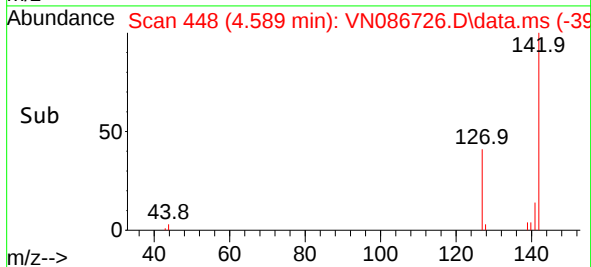
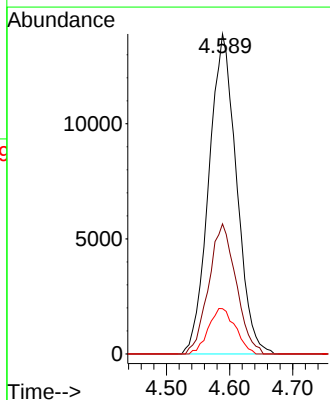
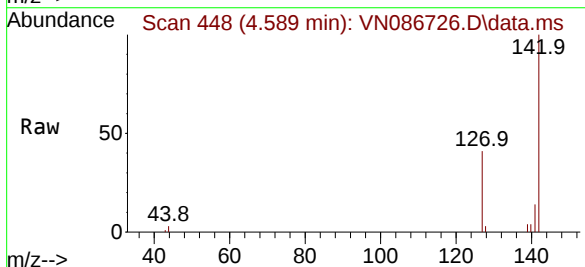
Manual Integrations
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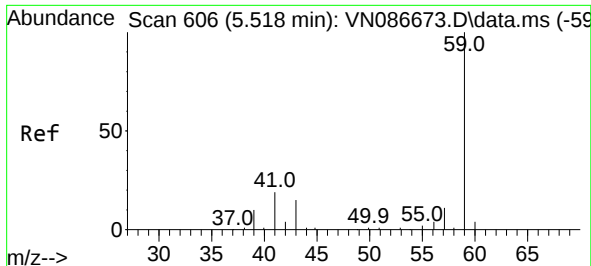
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#10
Methyl Iodide
Concen: 19.280 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Tgt Ion:142 Resp: 42280
Ion Ratio Lower Upper
142 100
127 40.7 32.4 48.6
141 14.2 11.4 17.2





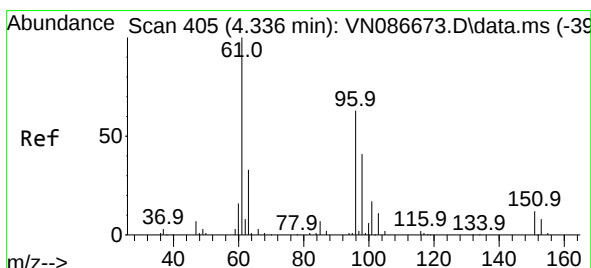
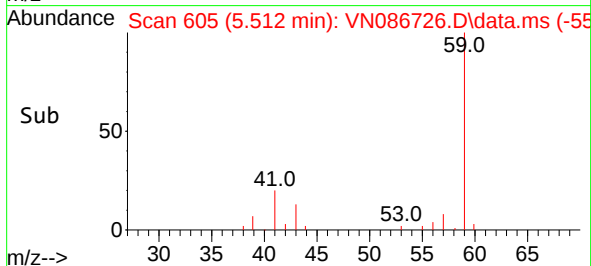
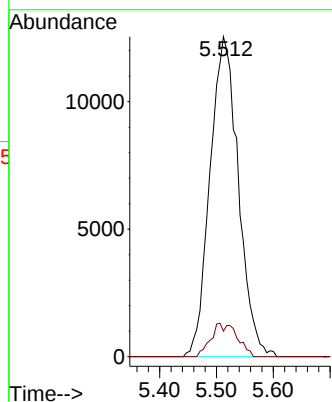
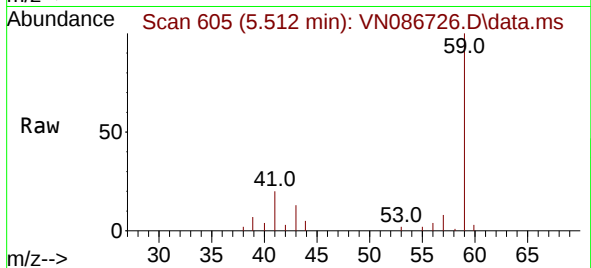
#11
Tert butyl alcohol
Concen: 103.062 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion: 59 Resp: 4356
Ion Ratio Lower Upper
59 100
57 4.9 8.2 12.2

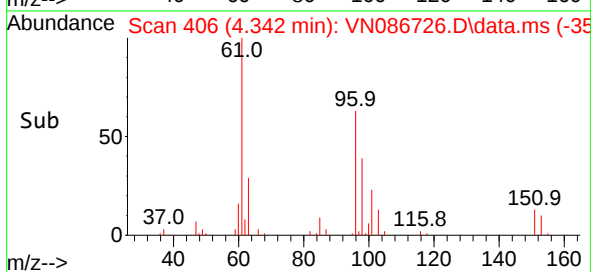
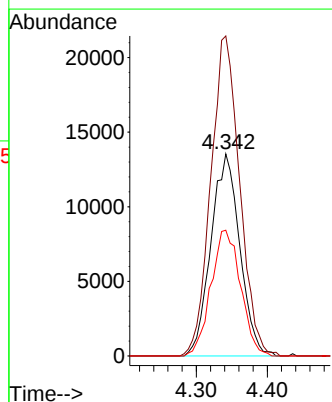
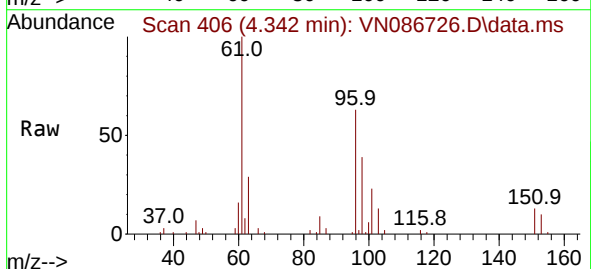
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#12
1,1-Dichloroethene
Concen: 20.379 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

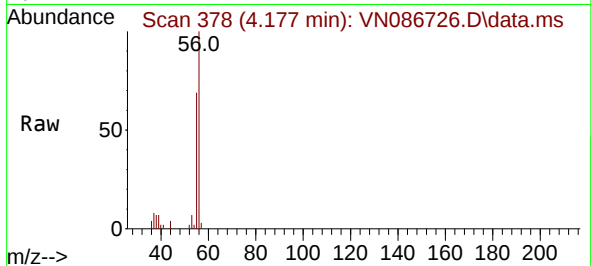
Tgt Ion: 96 Resp: 38181
Ion Ratio Lower Upper
96 100
61 158.3 126.2 189.2
98 62.2 51.5 77.3





#13
Acrolein
Concen: 96.498 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

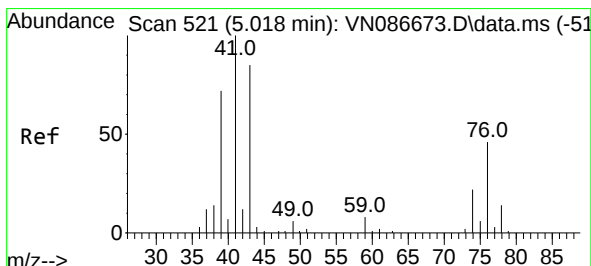
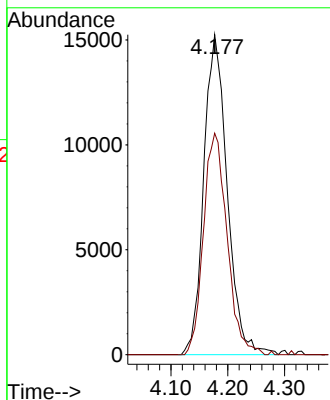
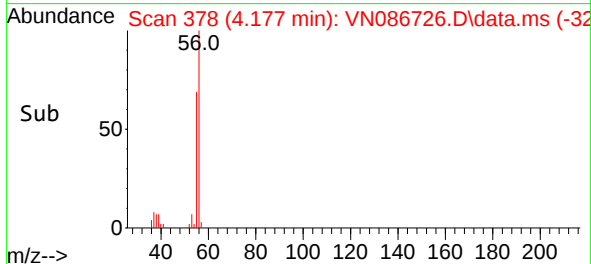
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



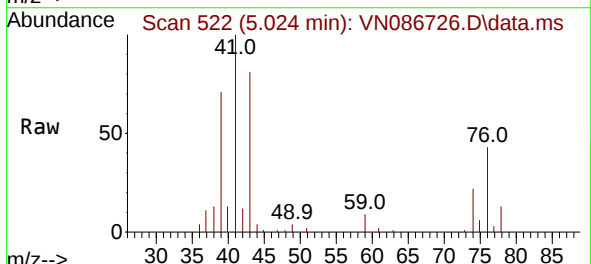
Tgt Ion: 56 Resp: 43609
Ion Ratio Lower Upper
56 100
55 69.8 55.7 83.5

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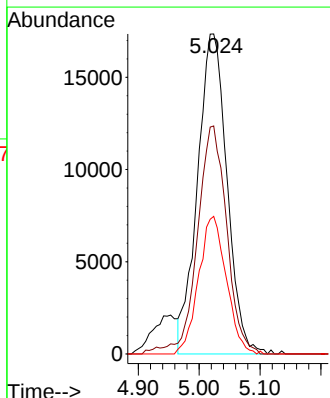
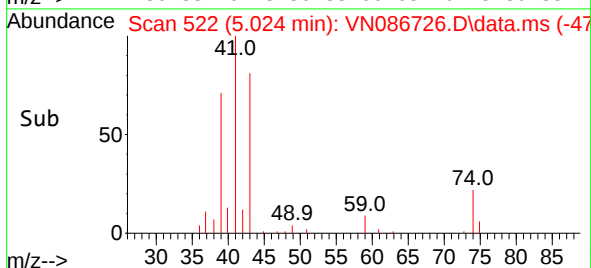
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

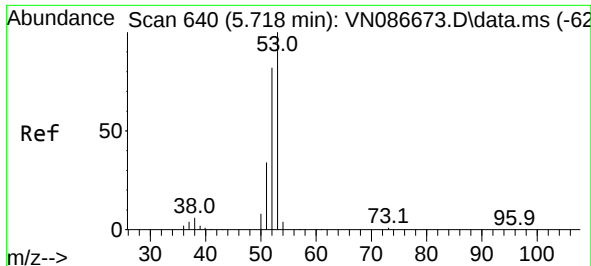


#14
Allyl chloride
Concen: 20.639 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



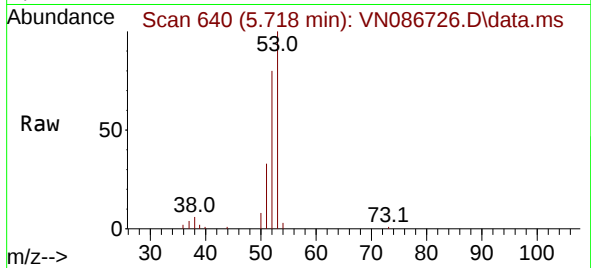
Tgt Ion: 41 Resp: 58528
Ion Ratio Lower Upper
41 100
39 70.9 57.4 86.0
76 40.4 33.2 49.8





#15
Acrylonitrile
Concen: 110.310 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

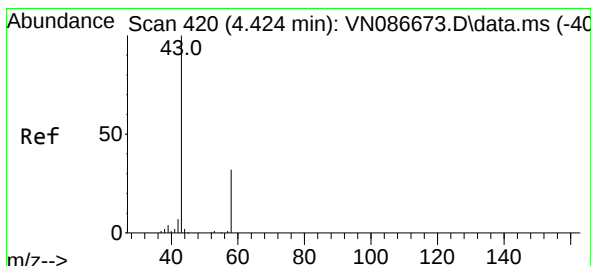
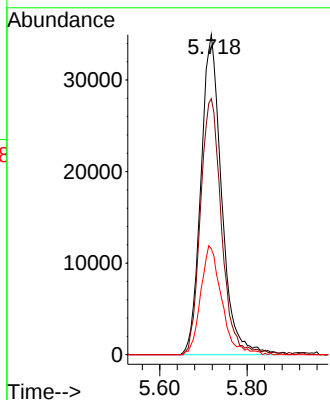
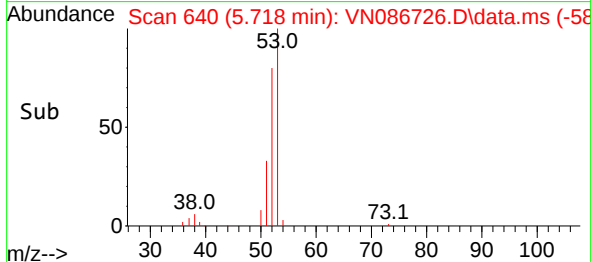
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



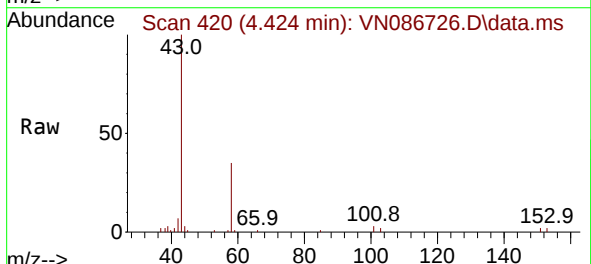
Tgt Ion: 53 Resp: 115460
Ion Ratio Lower Upper
53 100
52 81.5 65.4 98.2
51 34.6 27.9 41.9

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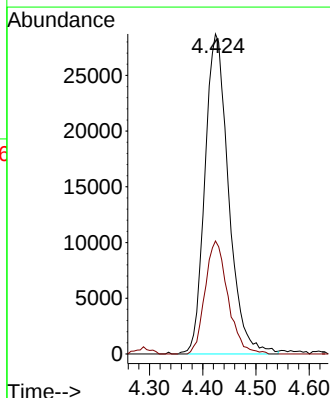
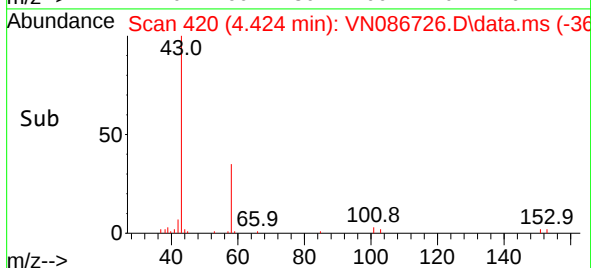
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#16
Acetone
Concen: 102.254 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



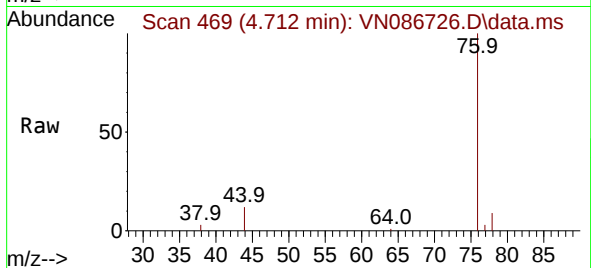
Tgt Ion: 43 Resp: 88783
Ion Ratio Lower Upper
43 100
58 35.3 25.8 38.6





#17
Carbon Disulfide
Concen: 20.608 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

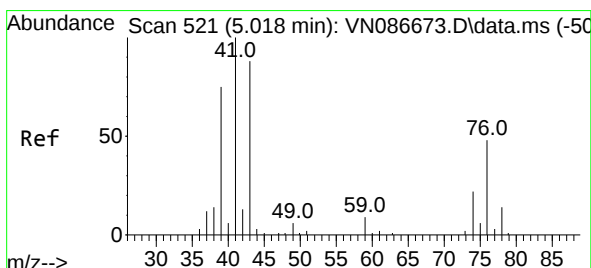
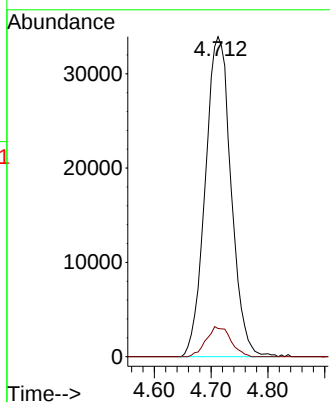
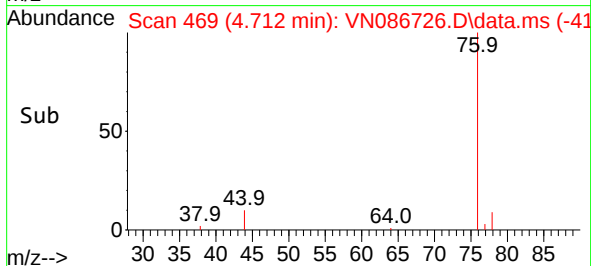
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



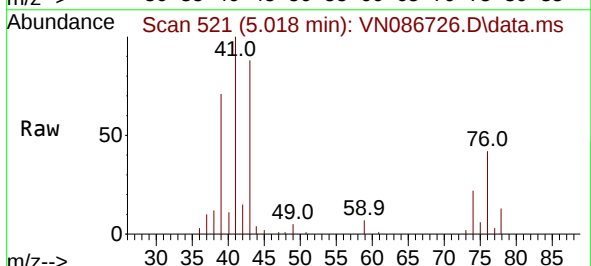
Tgt Ion: 76 Resp: 106898
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

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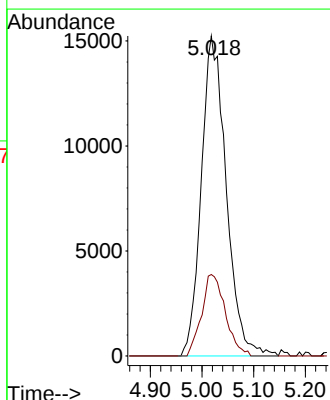
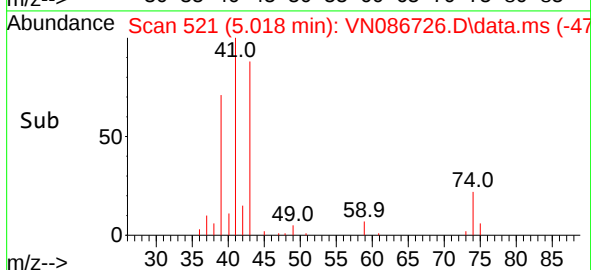
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

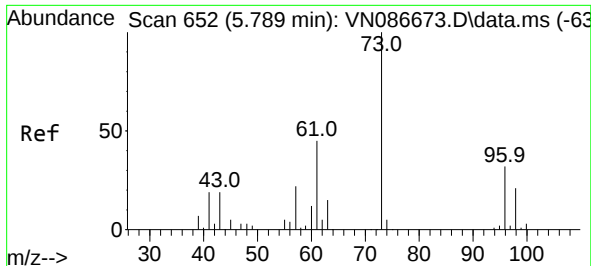


#18
Methyl Acetate
Concen: 21.018 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



Tgt Ion: 43 Resp: 51076
Ion Ratio Lower Upper
43 100
74 24.2 20.5 30.7





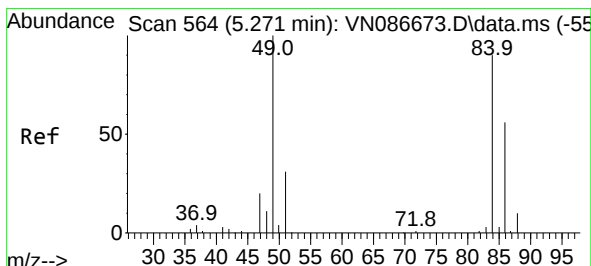
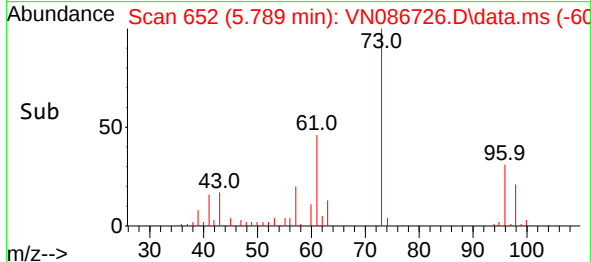
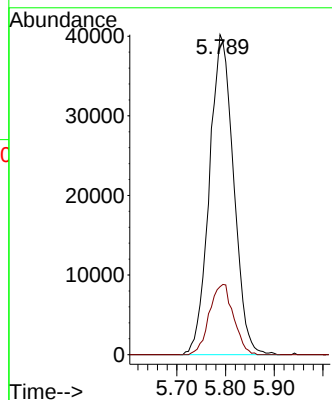
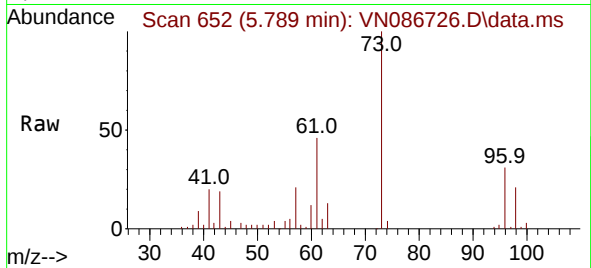
#19
Methyl tert-butyl Ether
Concen: 21.740 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion: 73 Resp: 13869
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

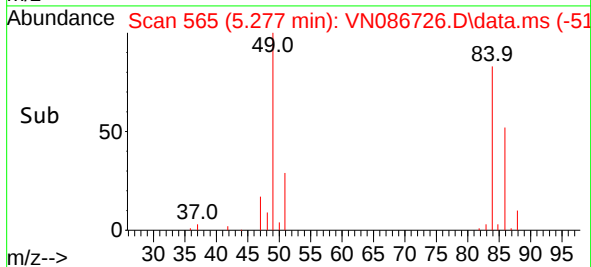
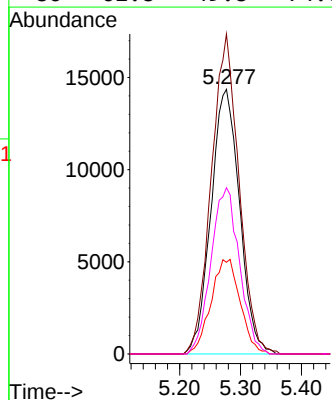
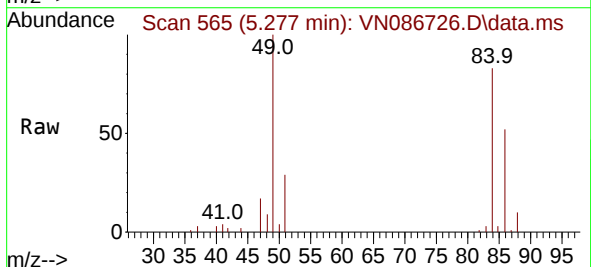
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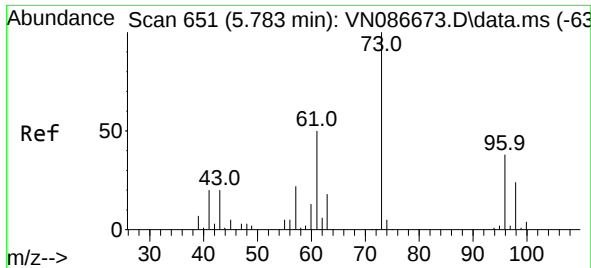
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#20
Methylene Chloride
Concen: 20.460 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Tgt Ion: 84 Resp: 46878
Ion Ratio Lower Upper
84 100
49 120.9 88.8 133.2
51 34.6 27.8 41.6
86 62.8 49.8 74.6





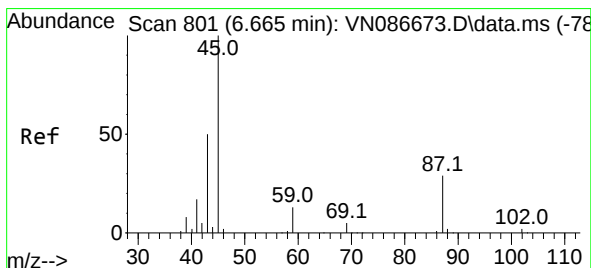
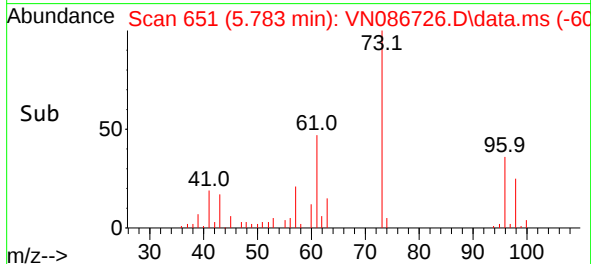
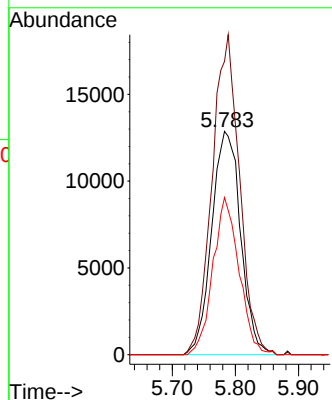
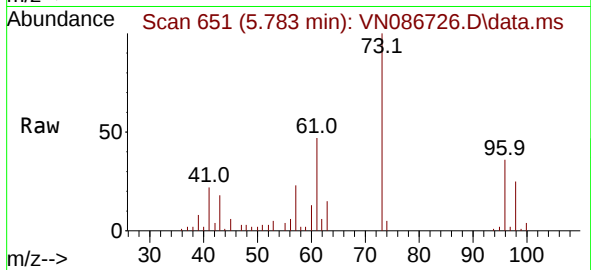
#21
trans-1,2-Dichloroethene
Concen: 20.670 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion: 96 Resp: 40944
Ion Ratio Lower Upper
96 100
61 131.3 105.7 158.5
98 70.3 51.0 76.6

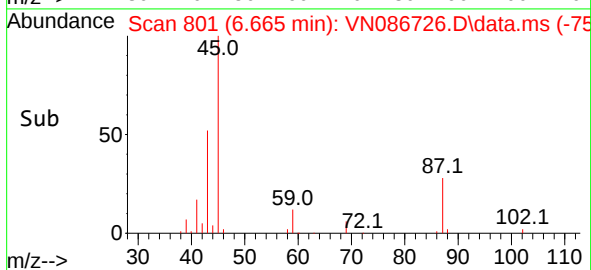
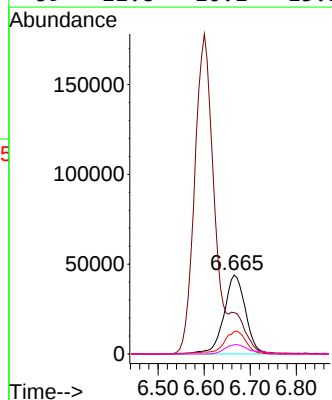
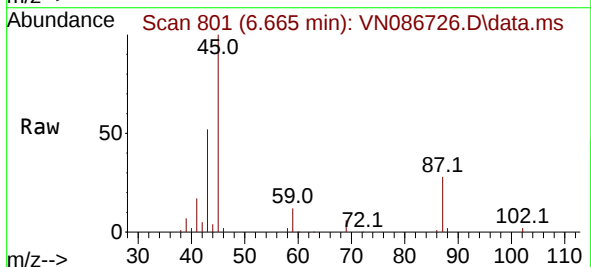
Manual Integrations
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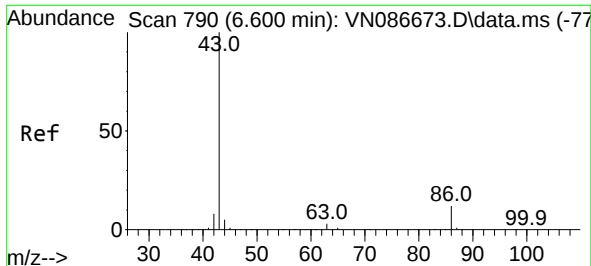
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#22
Diisopropyl ether
Concen: 22.205 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Tgt Ion: 45 Resp: 142064
Ion Ratio Lower Upper
45 100
43 51.2 41.4 62.2
87 28.4 22.9 34.3
59 11.8 10.1 15.1





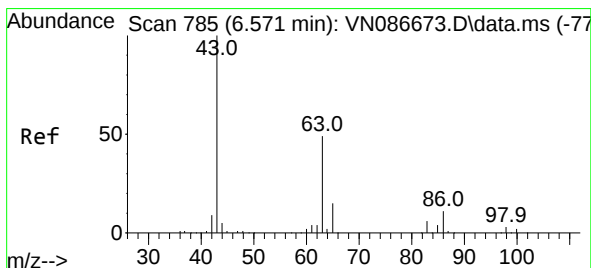
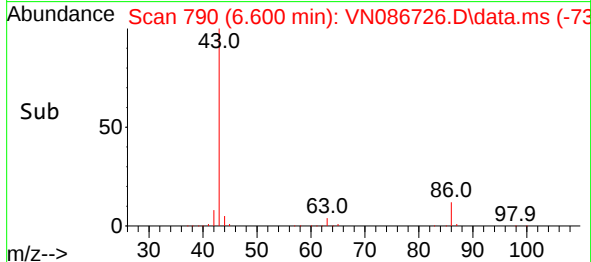
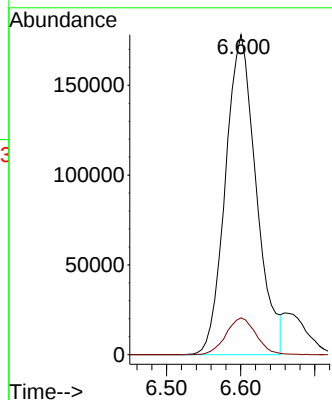
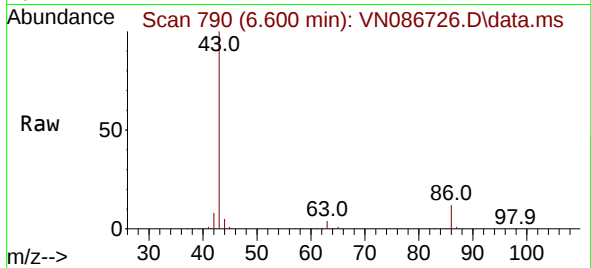
#23
 Vinyl Acetate
 Concen: 106.911 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086726.D
 Acq: 21 May 2025 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

Tgt Ion: 43 Resp: 514062
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.5 14.3

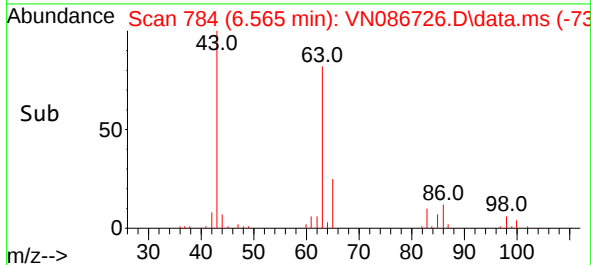
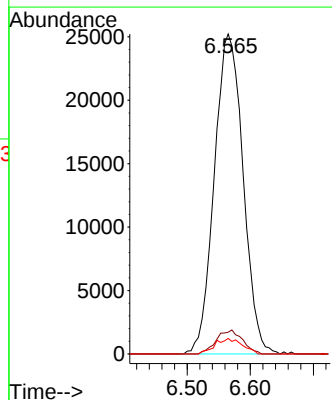
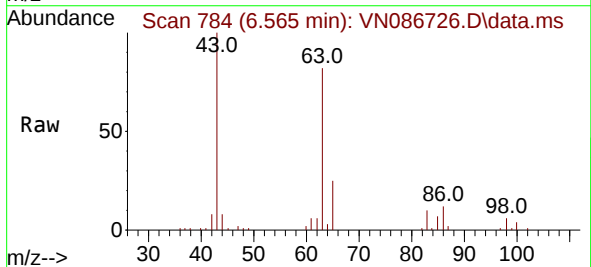
Manual Integrations
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Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#24
 1,1-Dichloroethane
 Concen: 21.227 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086726.D
 Acq: 21 May 2025 13:05

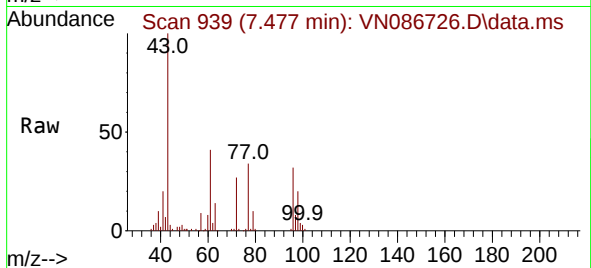
Tgt Ion: 63 Resp: 79734
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.8 2.4 7.1





#25
2-Butanone
Concen: 107.968 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

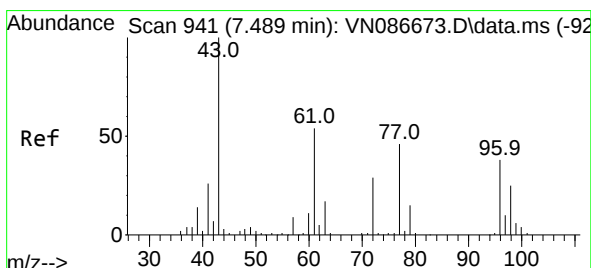
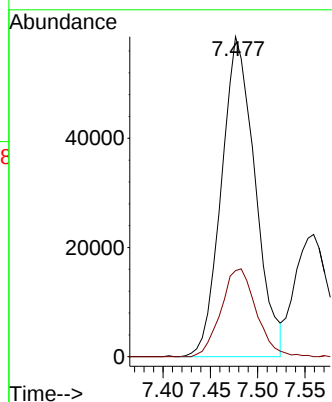
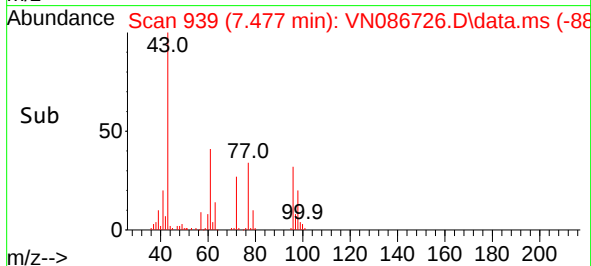
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



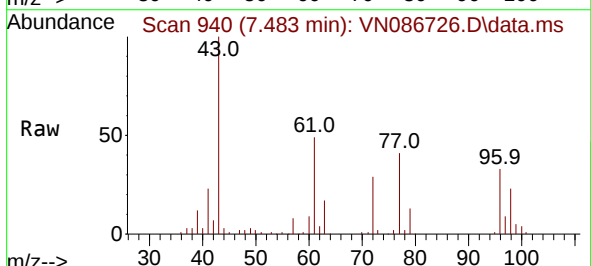
Tgt Ion: 43 Resp: 14486
Ion Ratio Lower Upper
43 100
72 26.9 23.1 34.7

Manual Integrations
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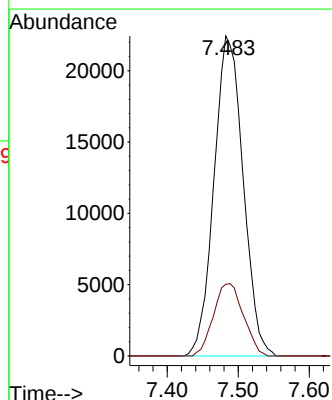
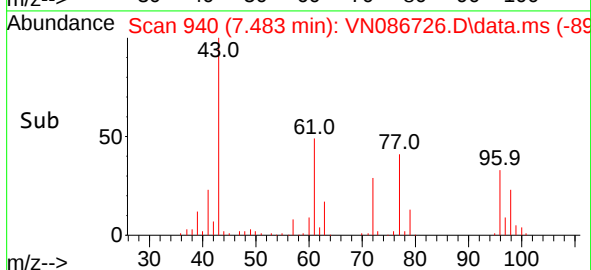
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

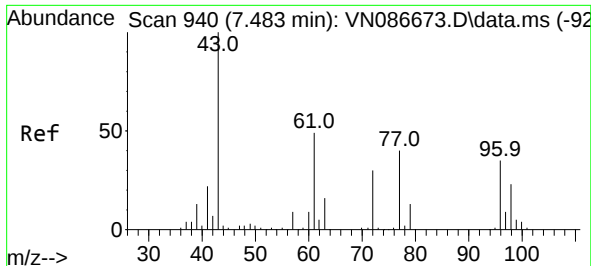


#26
2,2-Dichloropropane
Concen: 20.598 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



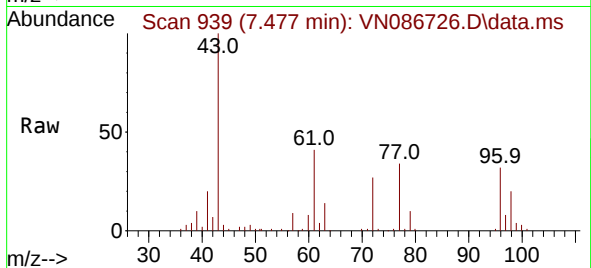
Tgt Ion: 77 Resp: 63851
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 20.585 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VN086726.D
 Acq: 21 May 2025 13:05

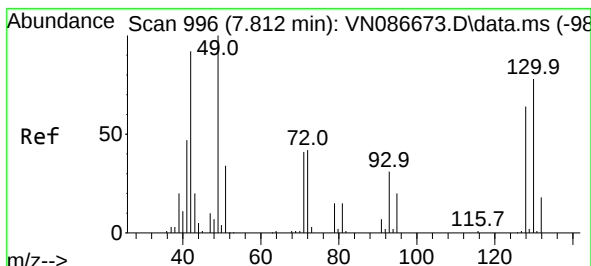
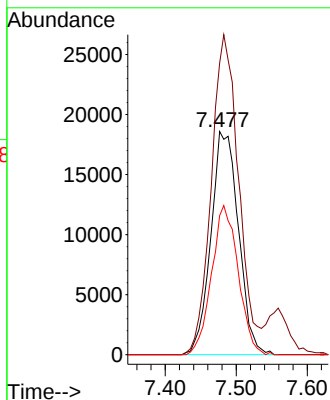
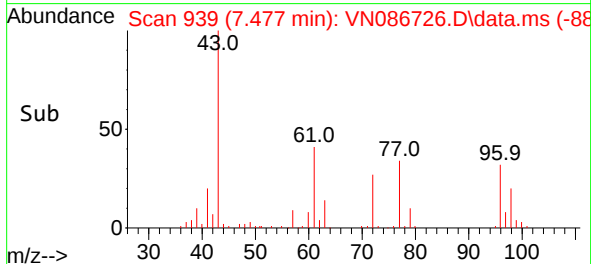
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01



Tgt Ion: 96 Resp: 5005
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 277.4
 98 64.4 0.0 129.6

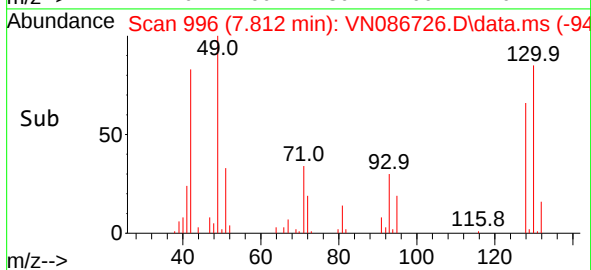
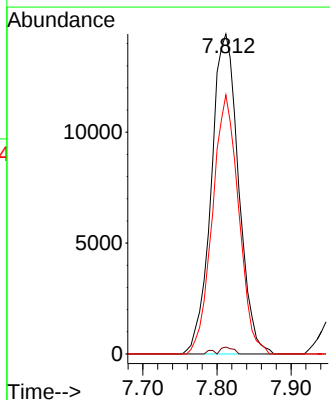
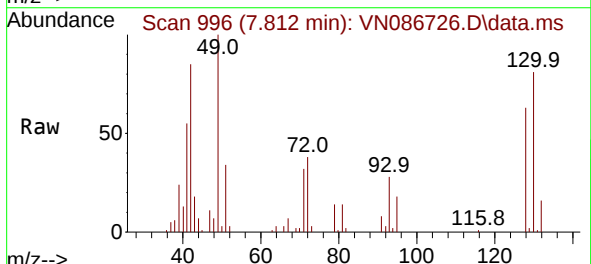
Manual Integrations
 APPROVED

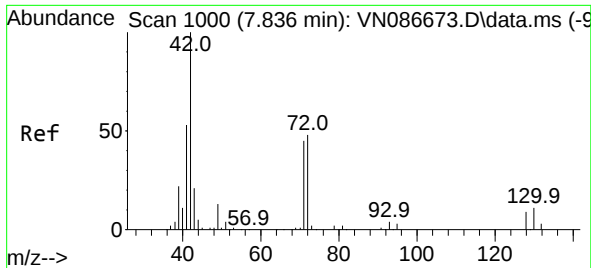
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#28
 Bromochloromethane
 Concen: 21.652 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086726.D
 Acq: 21 May 2025 13:05

Tgt Ion: 49 Resp: 36951
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.8
 130 77.7 62.2 93.4





#29

Tetrahydrofuran

Concen: 105.533 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086726.D

Acq: 21 May 2025 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

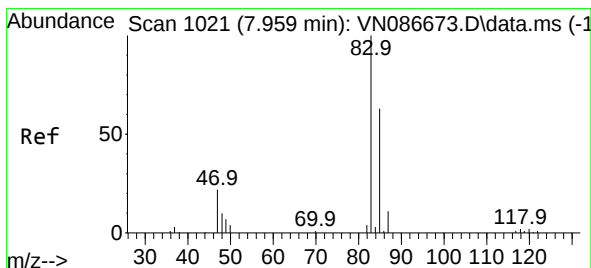
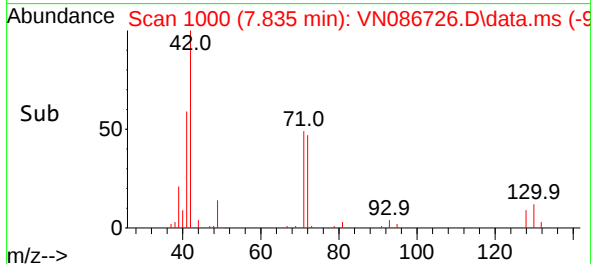
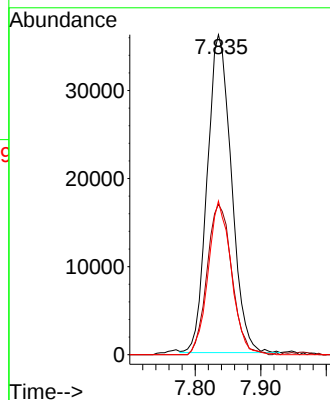
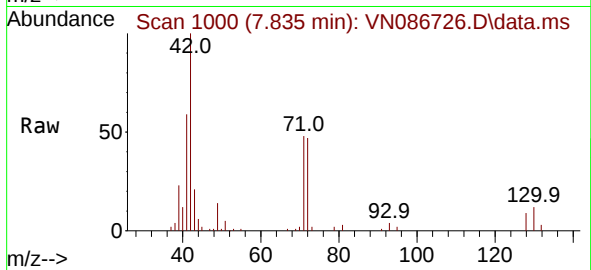
Tgt Ion: 42	Resp: 92420
Ion Ratio	Lower Upper
42	100
72	48.5 38.7 58.1
71	46.4 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#30

Chloroform

Concen: 21.016 ug/l

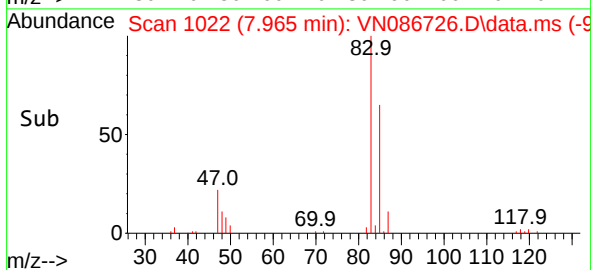
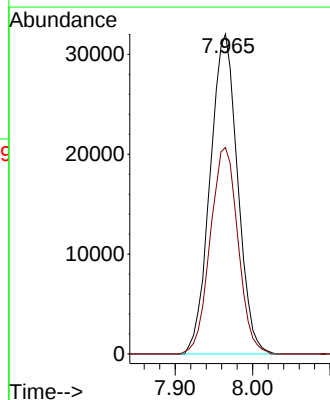
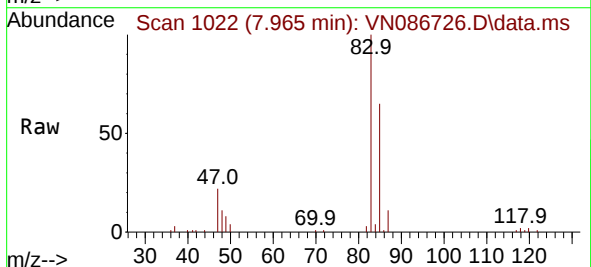
RT: 7.965 min Scan# 1022

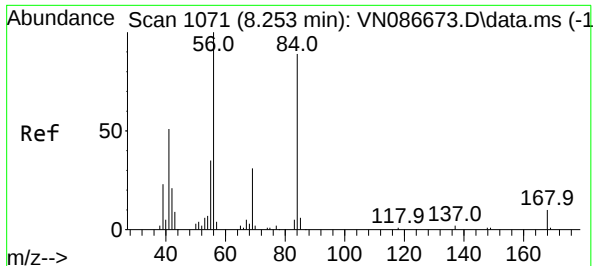
Delta R.T. 0.006 min

Lab File: VN086726.D

Acq: 21 May 2025 13:05

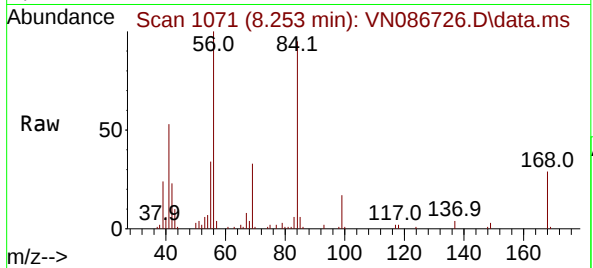
Tgt Ion: 83	Resp: 79014
Ion Ratio	Lower Upper
83	100
85	64.5 50.2 75.4





#31
Cyclohexane
Concen: 20.443 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

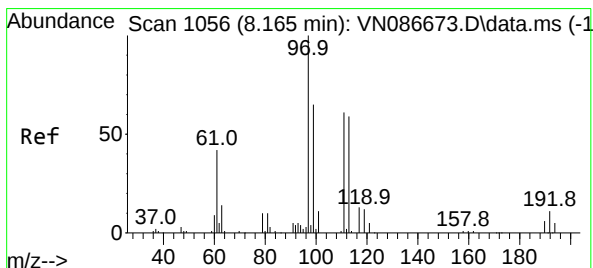
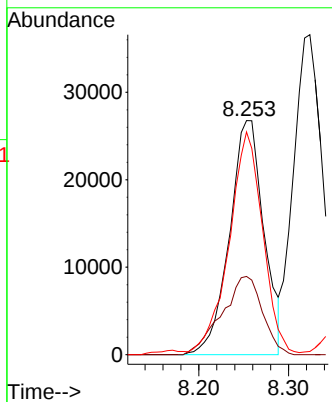
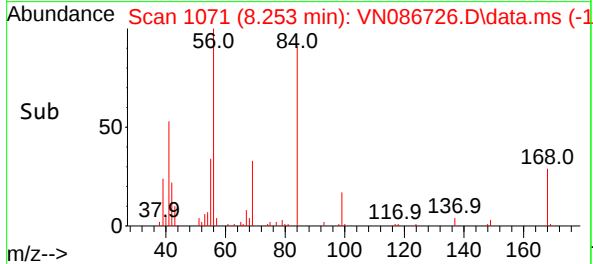
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



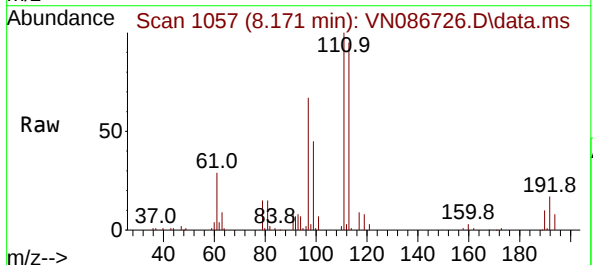
Tgt Ion: 56 Resp: 71215
Ion Ratio Lower Upper
56 100
69 33.4 25.0 37.6
84 93.7 71.0 106.4

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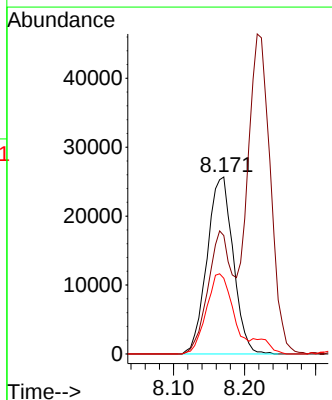
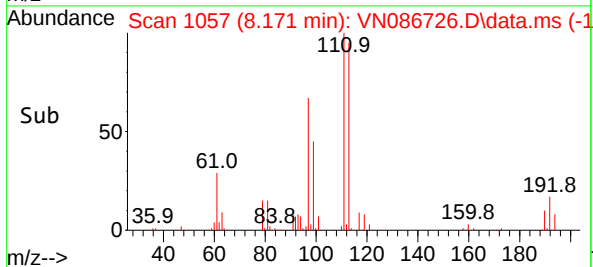
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

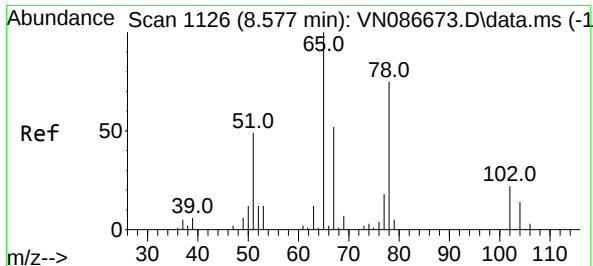


#32
1,1,1-Trichloroethane
Concen: 20.671 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



Tgt Ion: 97 Resp: 65524
Ion Ratio Lower Upper
97 100
99 64.9 52.6 79.0
61 46.3 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 53.885 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086726.D

Acq: 21 May 2025 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

Tgt Ion: 65 Resp: 125074

Ion Ratio Lower Upper

65 100

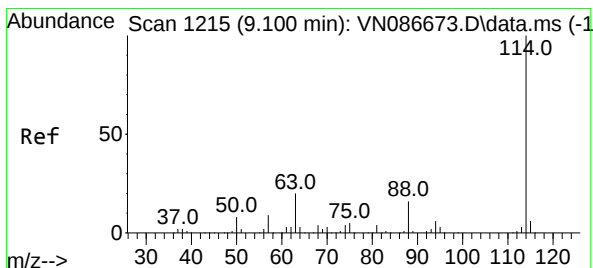
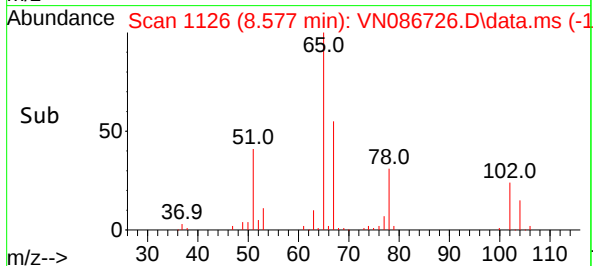
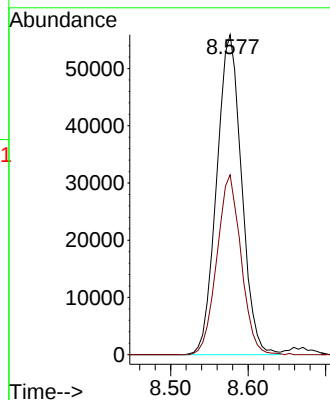
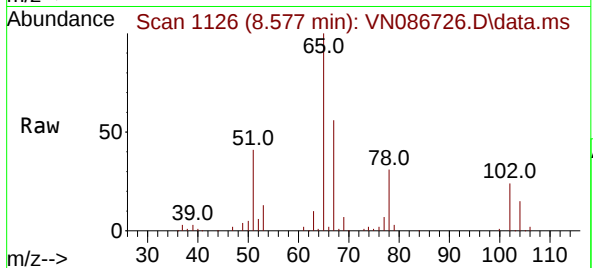
67 54.5 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086726.D

Acq: 21 May 2025 13:05

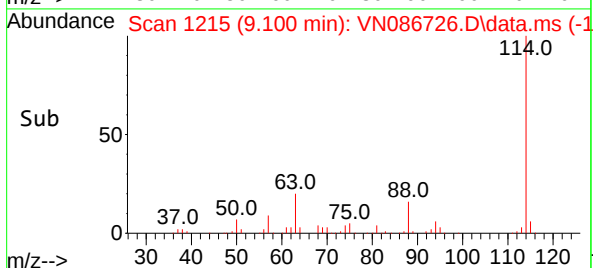
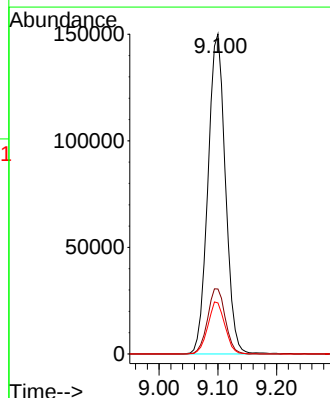
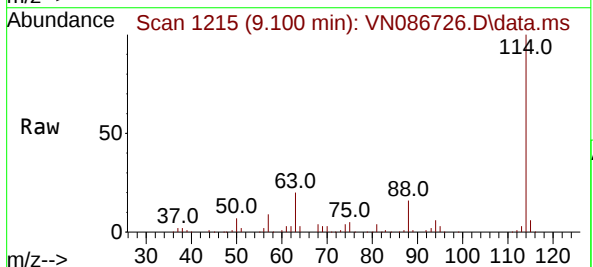
Tgt Ion:114 Resp: 308282

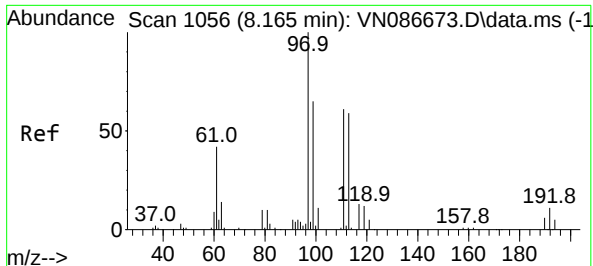
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.159 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086726.D

Acq: 21 May 2025 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

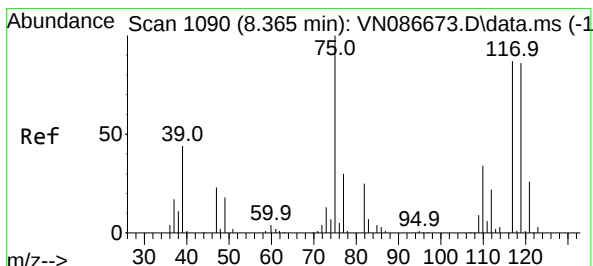
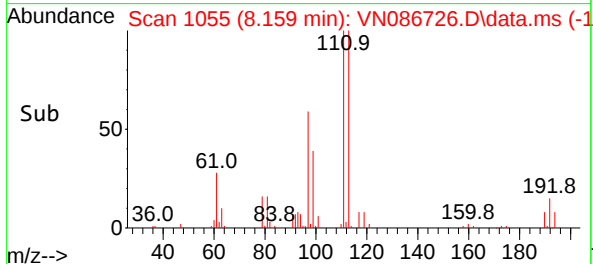
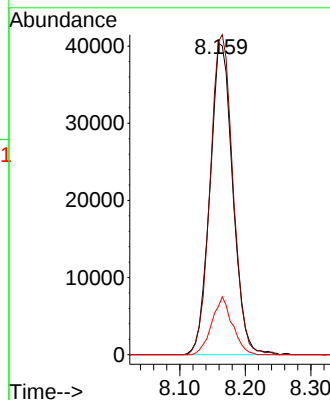
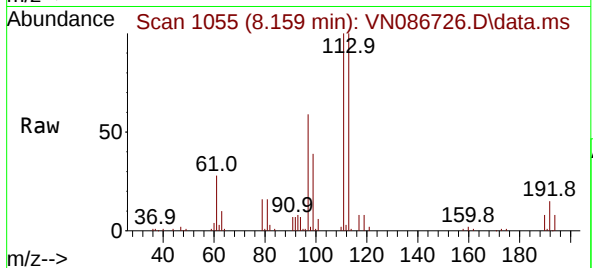
Tgt Ion:	113	Resp:	97598
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	16.7	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#36

1,1-Dichloropropene

Concen: 20.647 ug/l

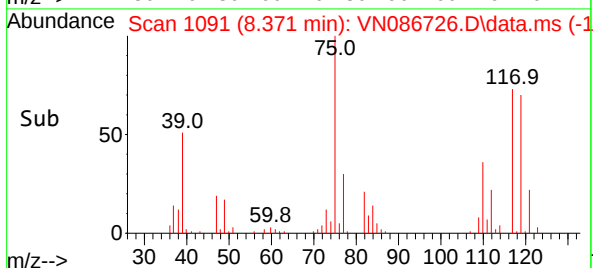
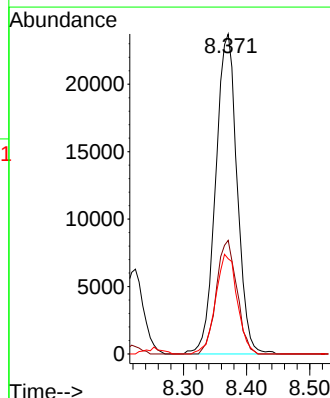
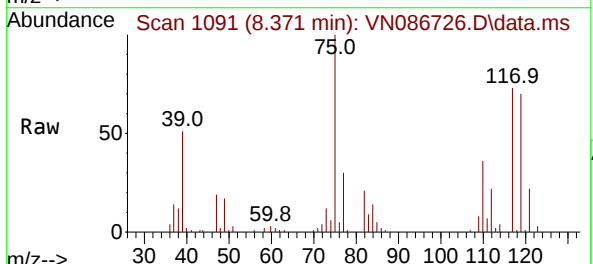
RT: 8.371 min Scan# 1091

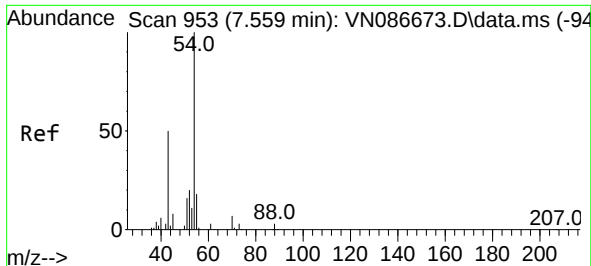
Delta R.T. 0.006 min

Lab File: VN086726.D

Acq: 21 May 2025 13:05

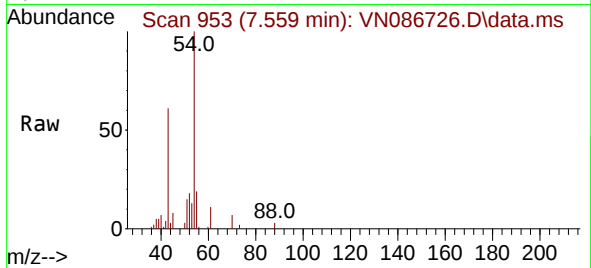
Tgt Ion:	75	Resp:	55914
Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.5	52.5
77	31.4	25.1	37.7





#37
Ethyl Acetate
Concen: 20.947 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

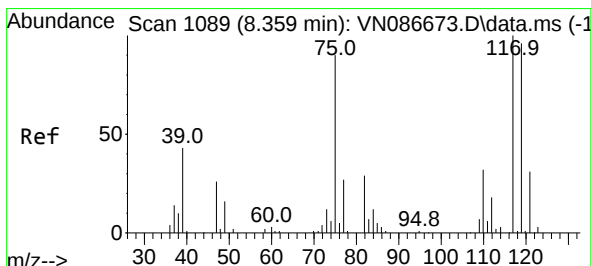
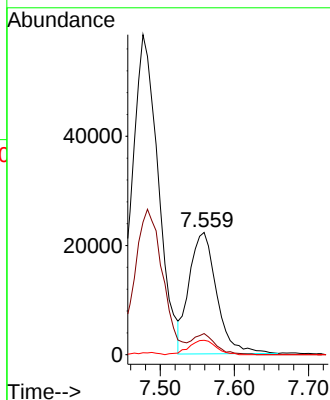
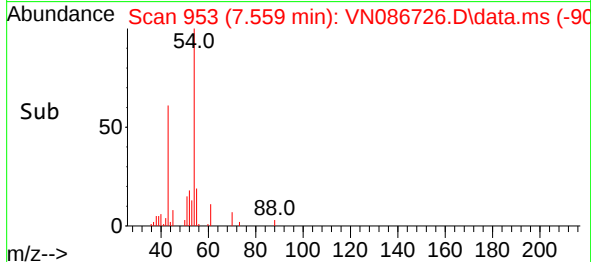
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



Tgt Ion: 43 Resp: 5730
Ion Ratio Lower Upper
43 100
61 14.5 11.6 17.4
70 11.7 9.4 14.0

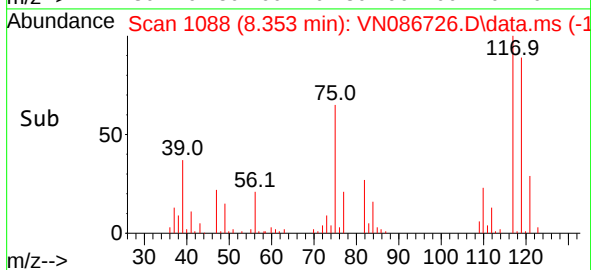
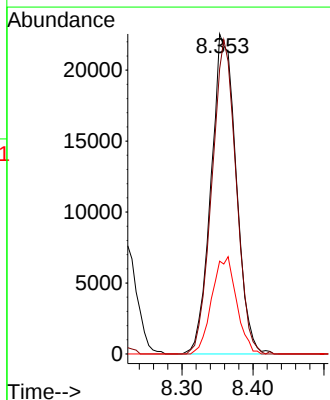
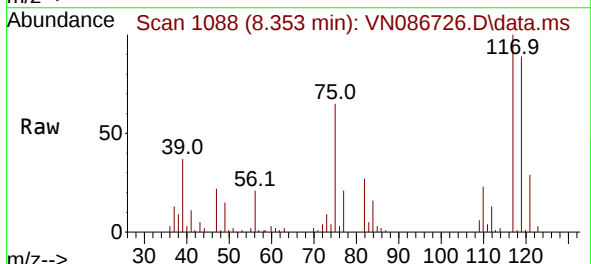
Manual Integrations
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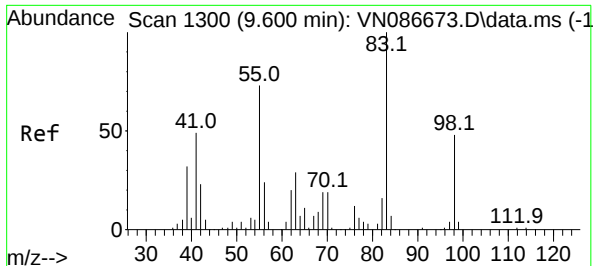
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#38
Carbon Tetrachloride
Concen: 20.701 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Tgt Ion:117 Resp: 55235
Ion Ratio Lower Upper
117 100
119 89.1 77.0 115.6
121 29.0 25.0 37.6





#39

Methylcyclohexane

Concen: 20.848 ug/l

RT: 9.594 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN086726.D

Acq: 21 May 2025 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

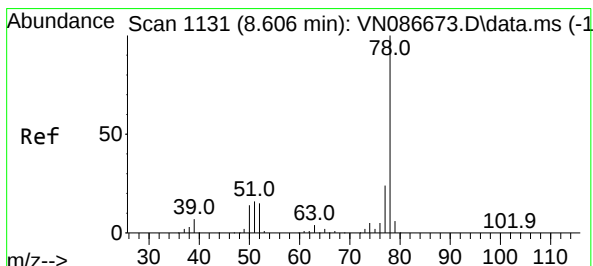
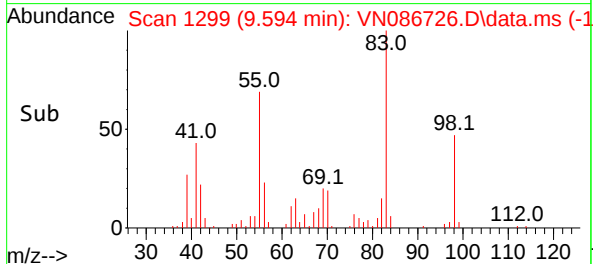
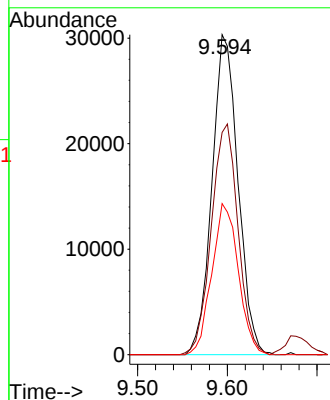
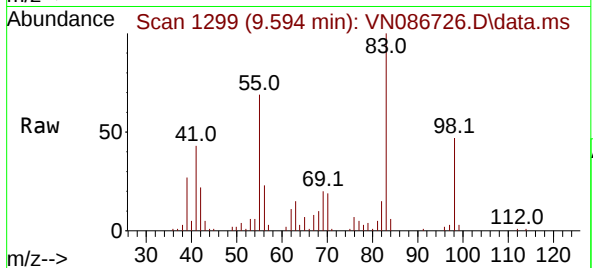
Tgt Ion: 83	Resp: 6110
Ion Ratio	Lower Upper
83	100
55	69.5 58.2 87.4
98	47.2 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#40

Benzene

Concen: 20.948 ug/l

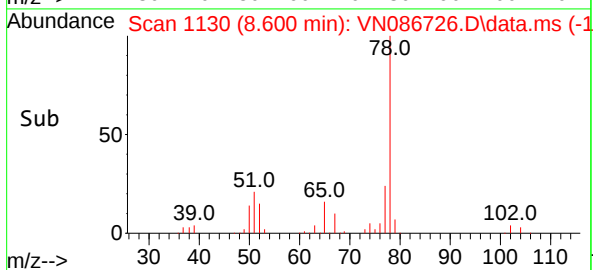
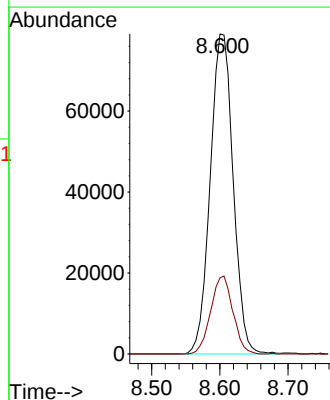
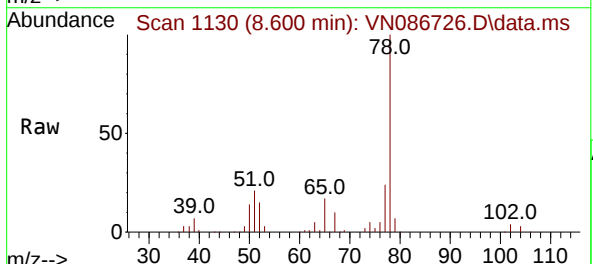
RT: 8.600 min Scan# 1130

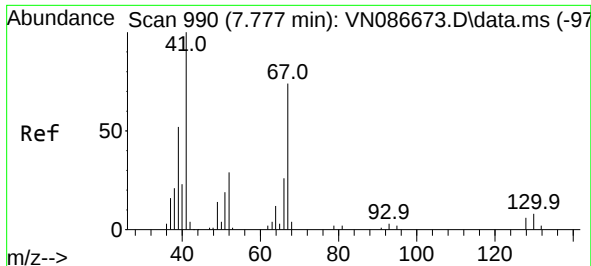
Delta R.T. -0.006 min

Lab File: VN086726.D

Acq: 21 May 2025 13:05

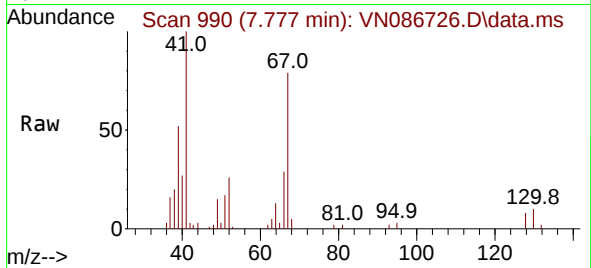
Tgt Ion: 78	Resp: 185065
Ion Ratio	Lower Upper
78	100
77	23.8 19.1 28.7





#41
Methacrylonitrile
Concen: 20.927 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

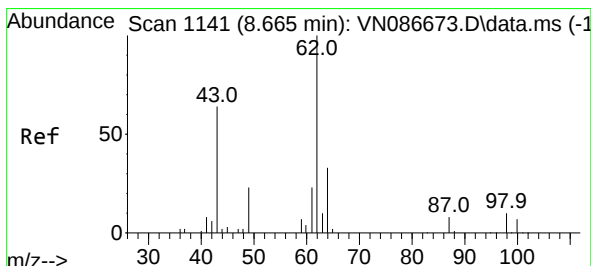
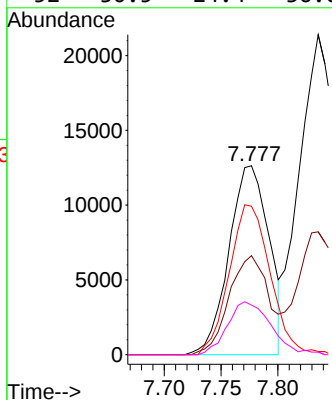
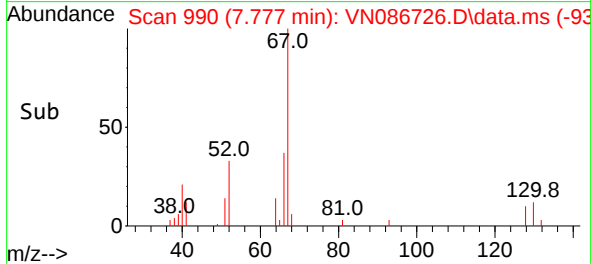
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



Tgt Ion:	41	Resp:	30910
Ion Ratio	100	Lower	Upper
39	51.7	44.9	67.3
67	81.4	63.4	95.0
52	30.5	24.4	36.6

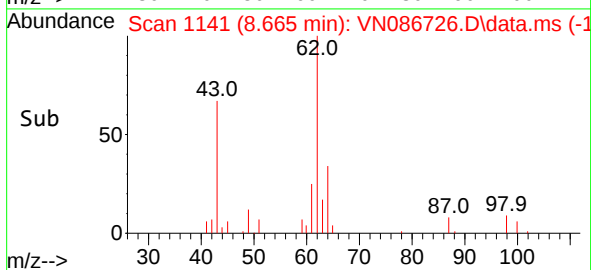
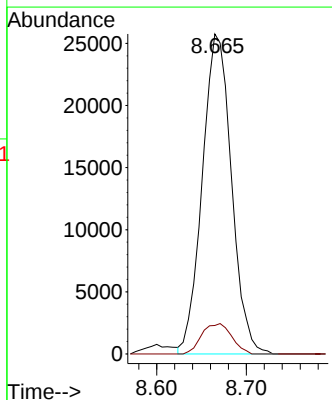
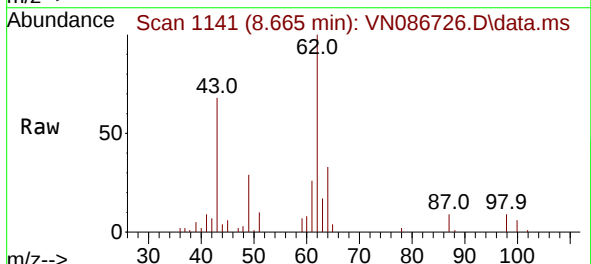
Manual Integrations
APPROVED

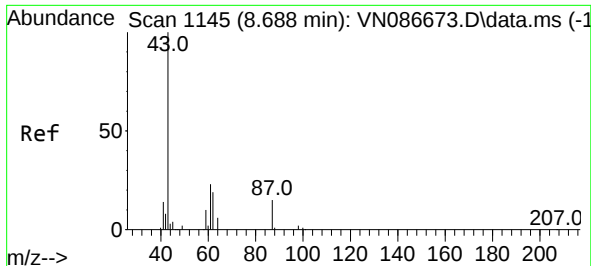
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#42
1,2-Dichloroethane
Concen: 21.125 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

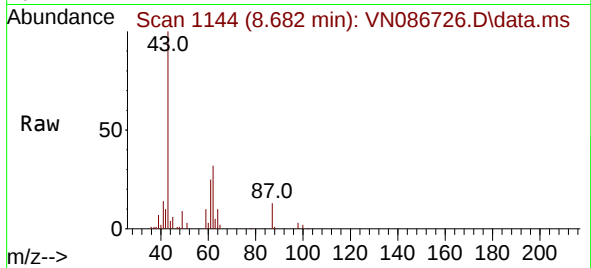
Tgt Ion:	62	Resp:	58142
Ion Ratio	100	Lower	Upper
98	9.7	0.0	19.2





#43
Isopropyl Acetate
Concen: 19.343 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

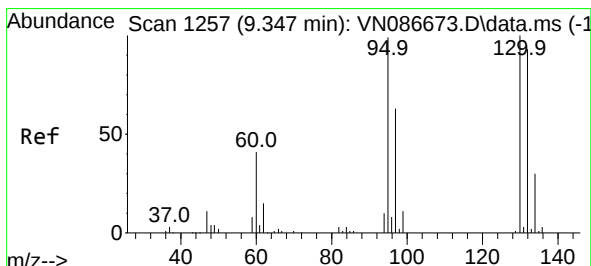
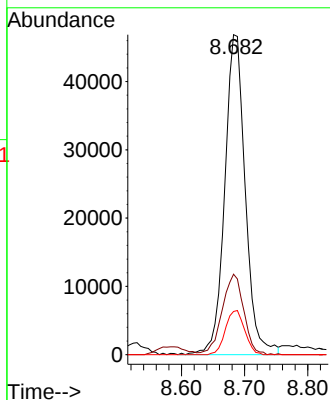
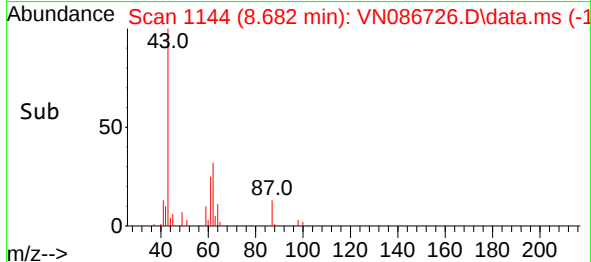
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



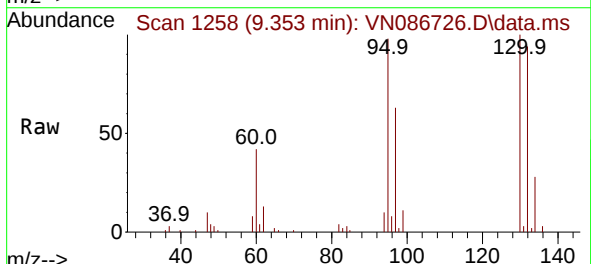
Tgt Ion: 43 Resp: 106070
Ion Ratio Lower Upper
43 100
61 26.5 21.4 32.2
87 12.9 11.1 16.7

Manual Integrations
APPROVED

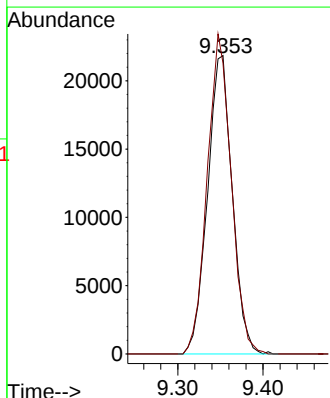
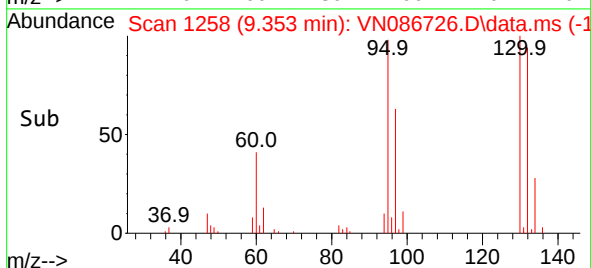
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

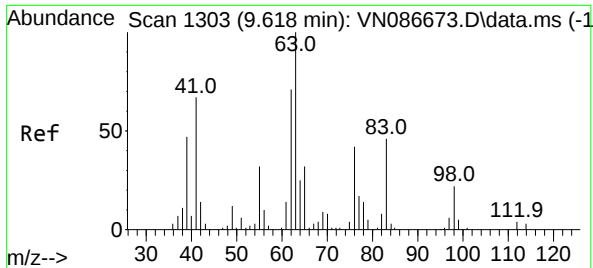


#44
Trichloroethene
Concen: 20.738 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



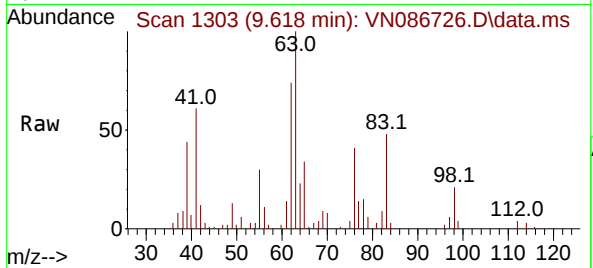
Tgt Ion:130 Resp: 44189
Ion Ratio Lower Upper
130 100
95 97.5 0.0 197.0





#45
1,2-Dichloropropane
Concen: 21.343 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

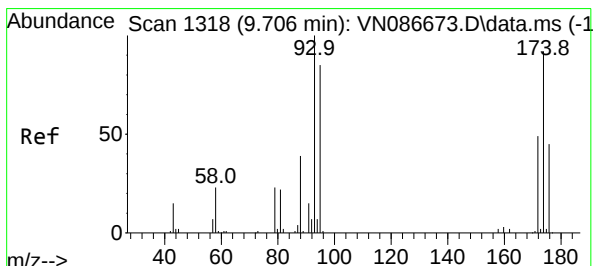
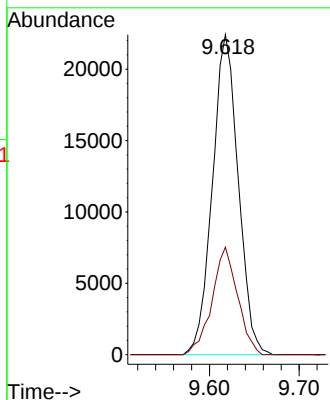
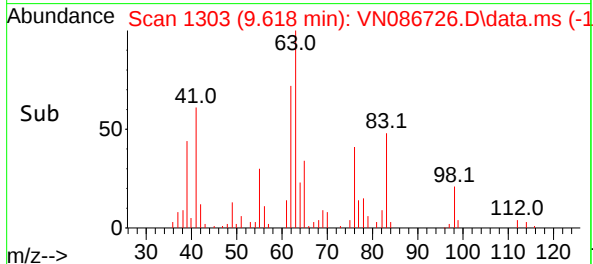
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



Tgt Ion: 63 Resp: 44792
Ion Ratio Lower Upper
63 100
65 33.6 25.8 38.6

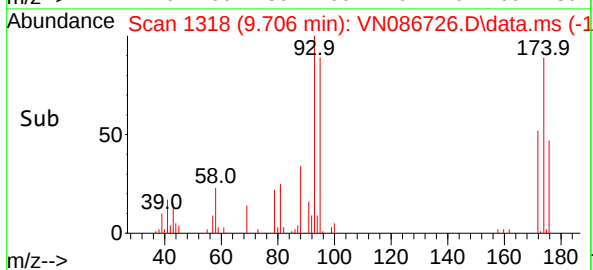
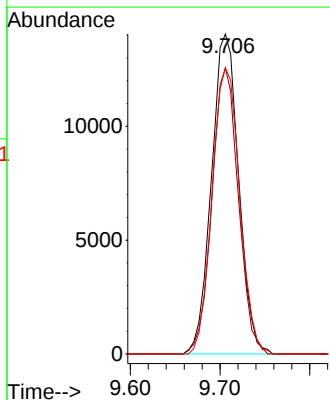
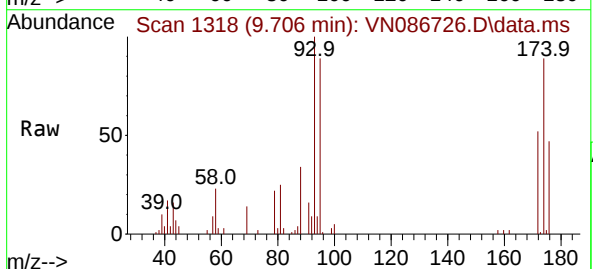
Manual Integrations
APPROVED

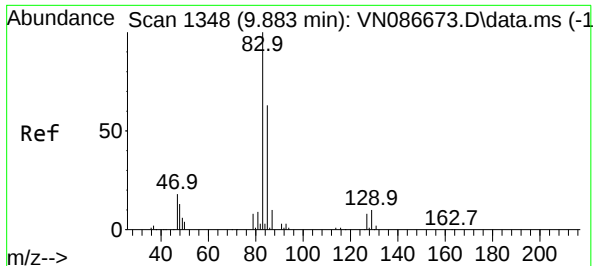
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#46
Dibromomethane
Concen: 20.876 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

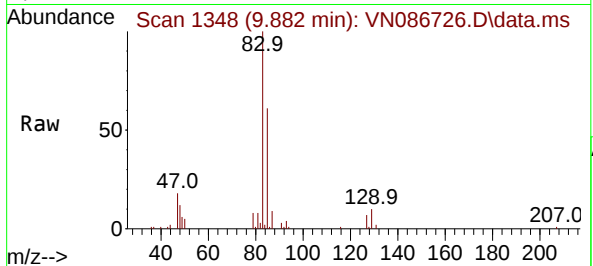
Tgt Ion: 93 Resp: 29562
Ion Ratio Lower Upper
93 100
95 86.6 67.1 100.7
174 90.5 73.8 110.6





#47
Bromodichloromethane
Concen: 21.442 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

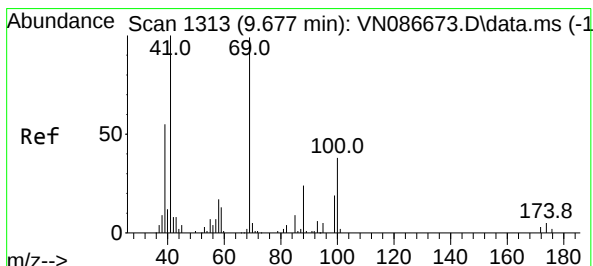
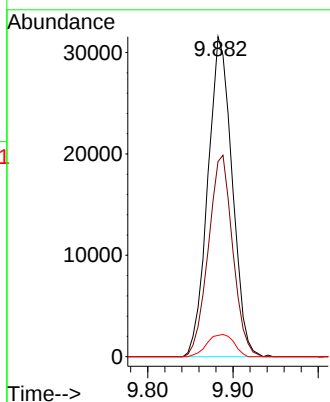
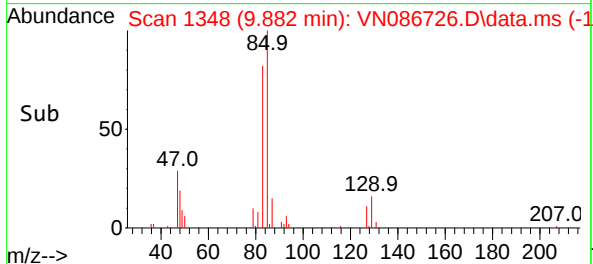
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



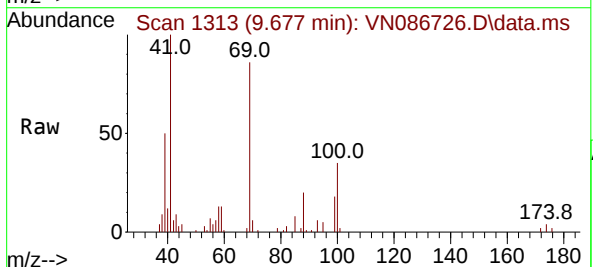
Tgt Ion: 83 Resp: 6256
Ion Ratio Lower Upper
83 100
85 61.0 50.1 75.1
127 6.6 6.2 9.4

Manual Integrations
APPROVED

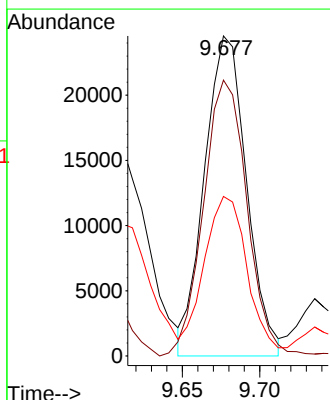
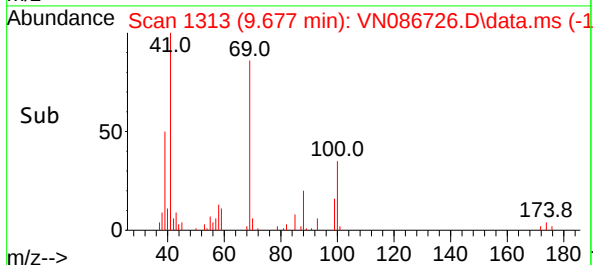
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

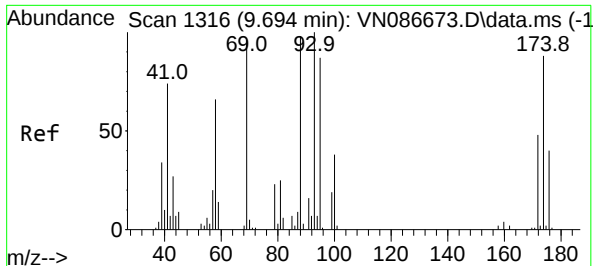


#48
Methyl methacrylate
Concen: 21.800 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



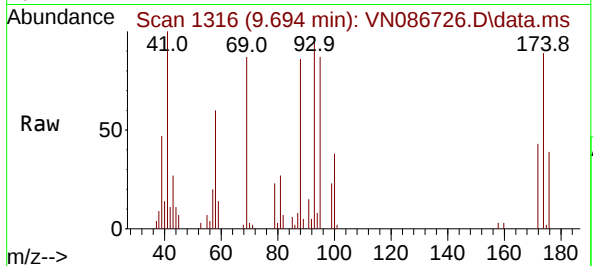
Tgt Ion: 41 Resp: 46327
Ion Ratio Lower Upper
41 100
69 89.3 74.1 111.1
39 51.5 44.1 66.1





#49
1,4-Dioxane
Concen: 409.001 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

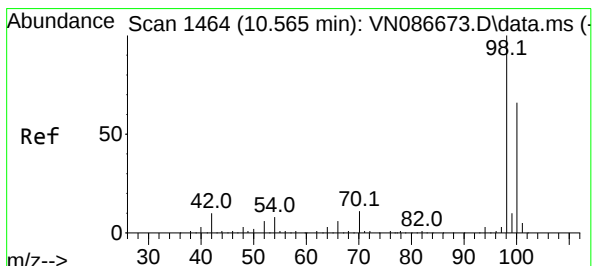
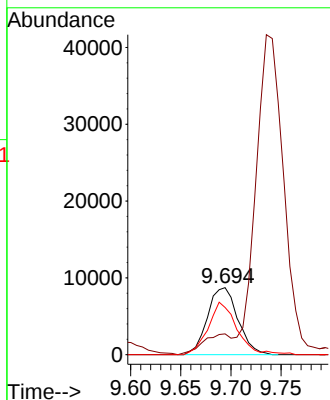
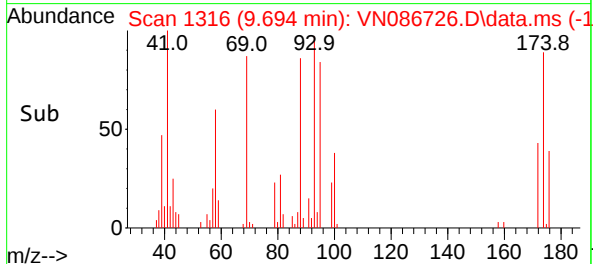
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



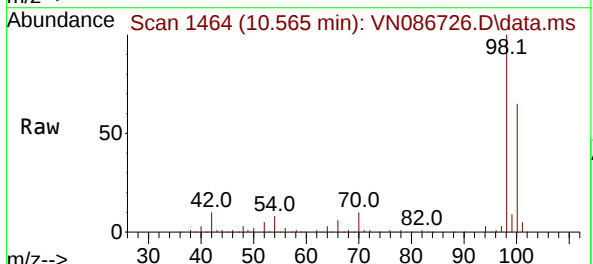
Tgt Ion: 88 Resp: 18404
Ion Ratio Lower Upper
88 100
43 28.5 23.6 35.4
58 74.4 55.3 82.9

Manual Integrations
APPROVED

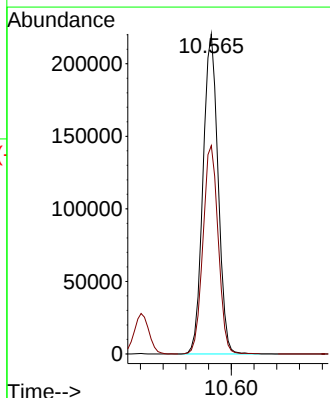
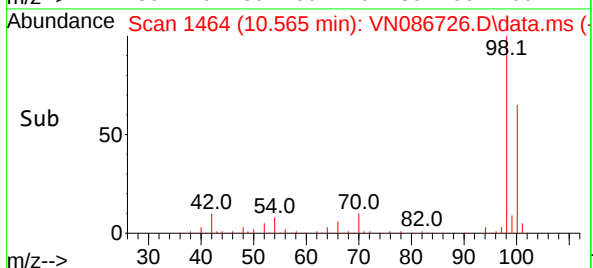
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

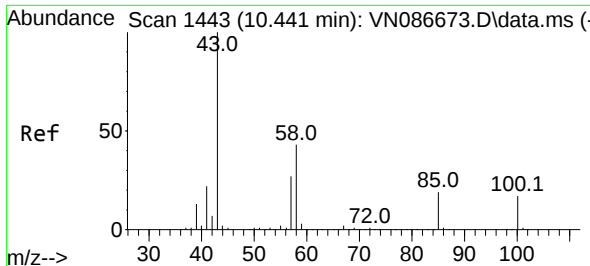


#50
Toluene-d8
Concen: 53.113 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



Tgt Ion: 98 Resp: 404098
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3





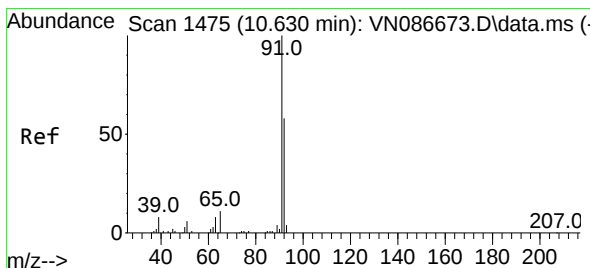
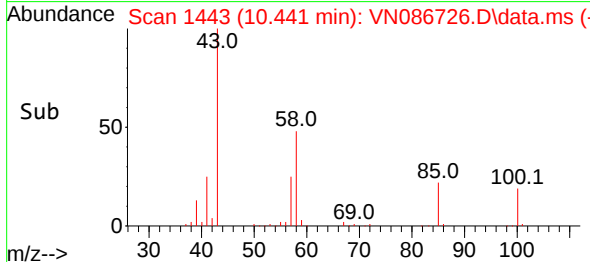
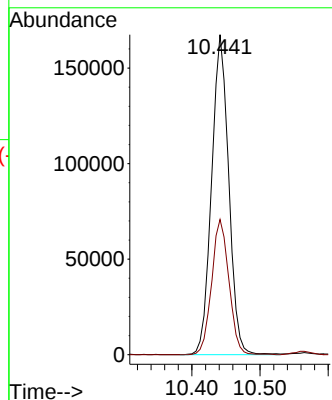
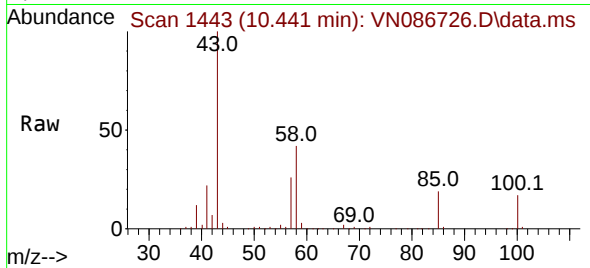
#51
4-Methyl-2-Pentanone
Concen: 105.888 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion: 43 Resp: 292838
Ion Ratio Lower Upper
43 100
58 42.6 33.9 50.9

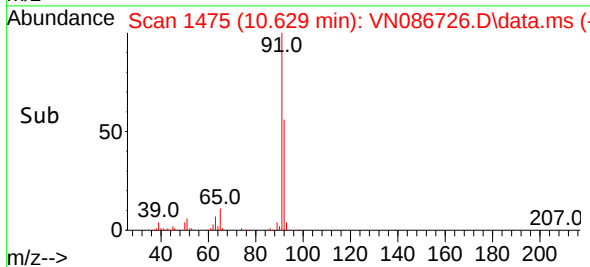
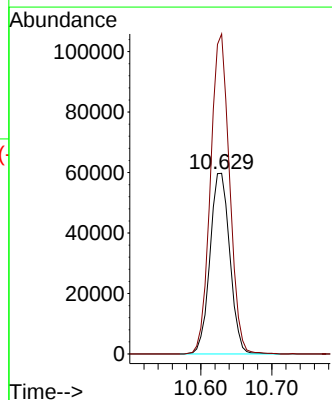
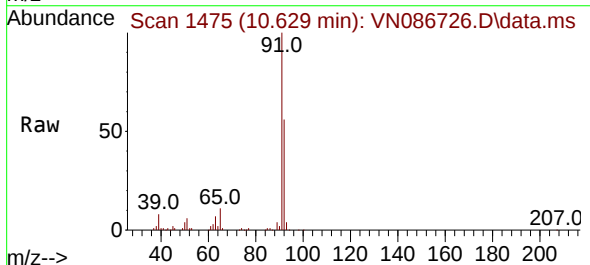
Manual Integrations
APPROVED

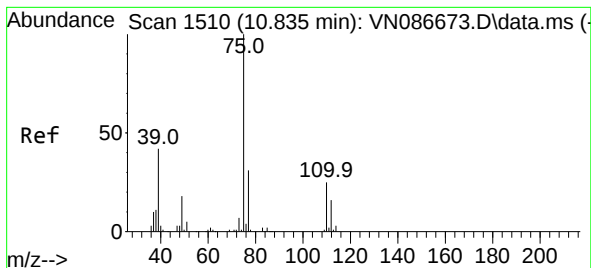
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#52
Toluene
Concen: 21.023 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Tgt Ion: 92 Resp: 115430
Ion Ratio Lower Upper
92 100
91 171.0 137.8 206.8





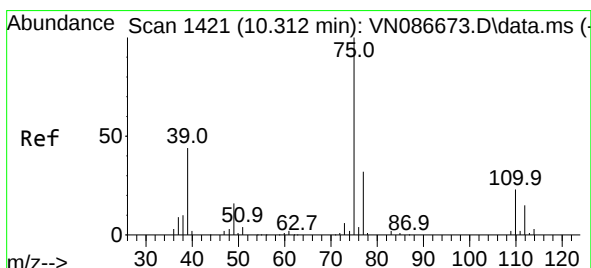
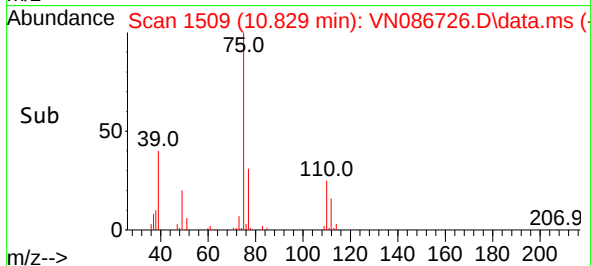
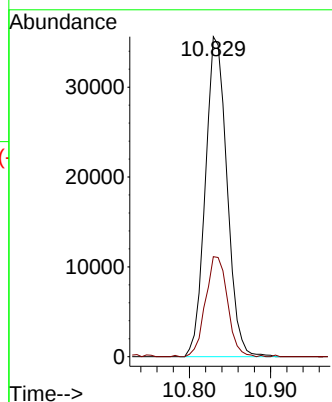
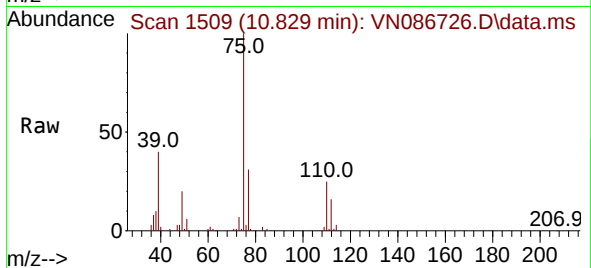
#53
t-1,3-Dichloropropene
Concen: 21.340 ug/l
RT: 10.829 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion: 75 Resp: 6592
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8

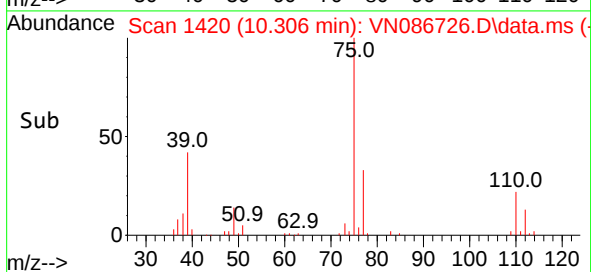
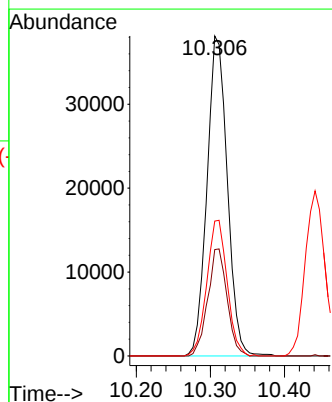
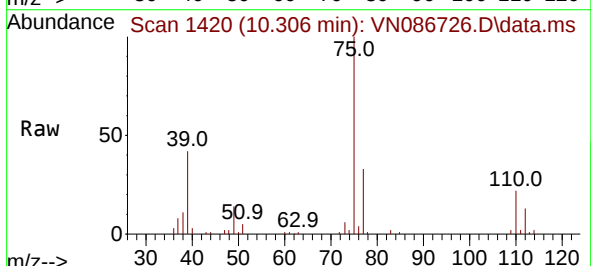
Manual Integrations
APPROVED

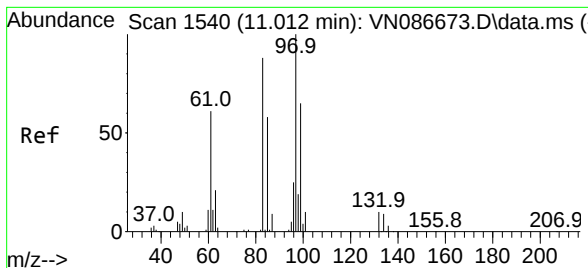
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#54
cis-1,3-Dichloropropene
Concen: 21.565 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

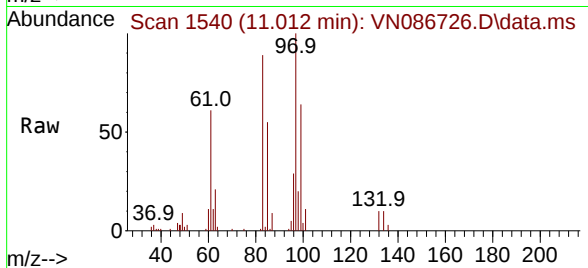
Tgt Ion: 75 Resp: 72722
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9
39 42.1 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 21.301 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

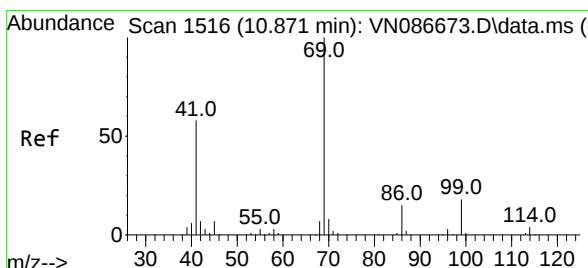
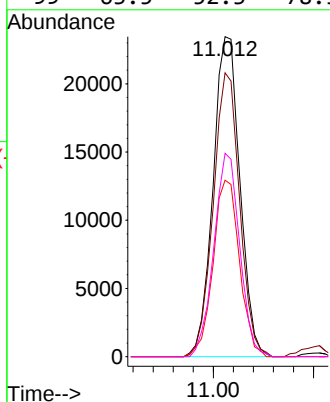
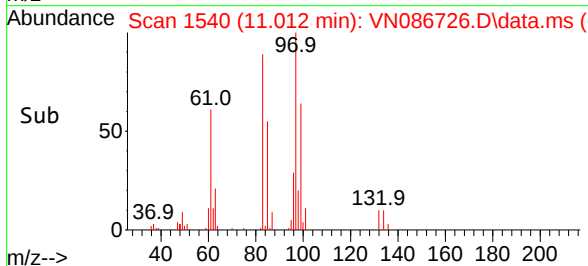
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



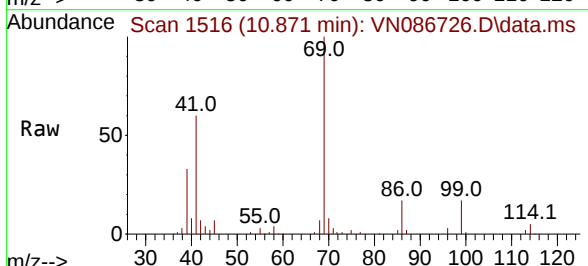
Tgt Ion:	97	Resp:	43628
Ion Ratio	100	Lower	Upper
97	100		
83	88.7	70.4	105.6
85	55.1	46.1	69.1
99	63.5	52.3	78.5

Manual Integrations
APPROVED

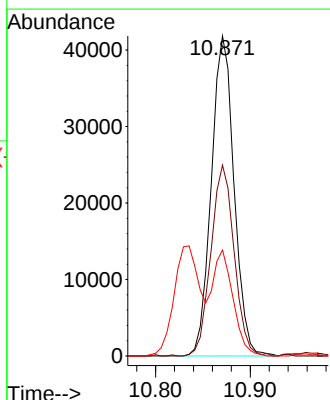
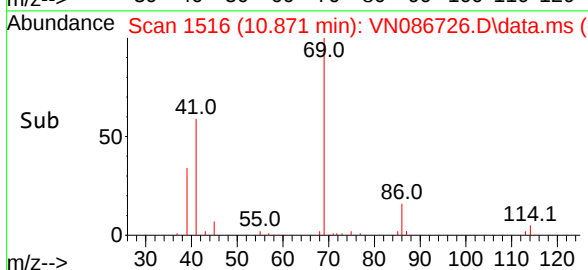
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

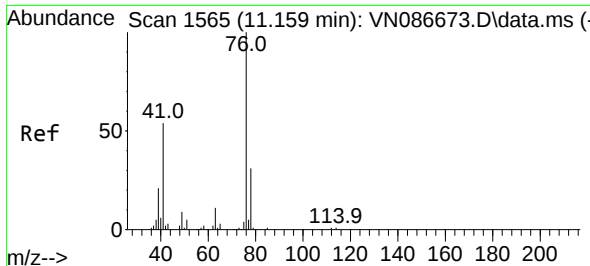


#56
Ethyl methacrylate
Concen: 21.243 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



Tgt Ion:	69	Resp:	69861
Ion Ratio	100	Lower	Upper
69	100		
41	60.9	47.4	71.0
39	30.0	24.0	36.0





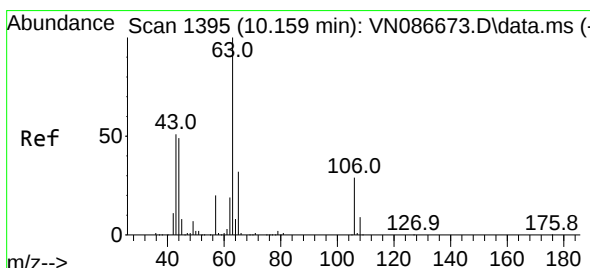
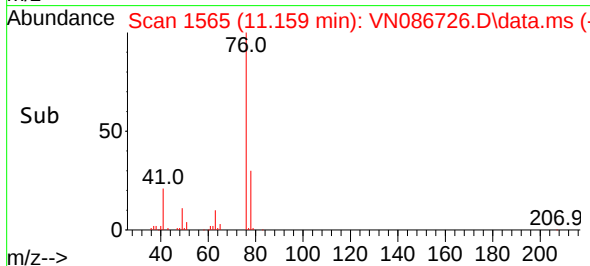
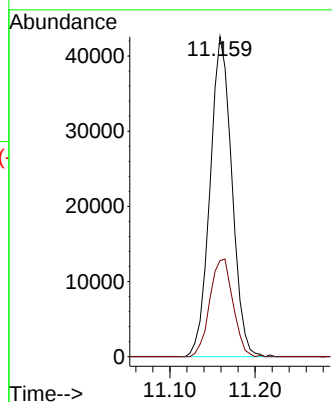
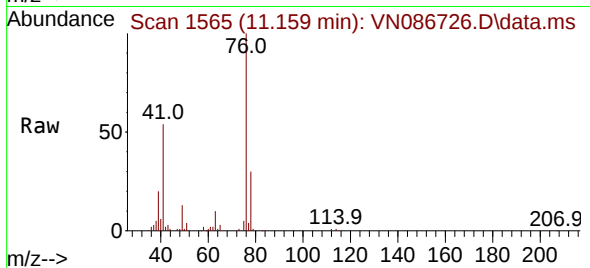
#57
1,3-Dichloropropane
Concen: 21.478 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion: 76 Resp: 7578
Ion Ratio Lower Upper
76 100
78 32.4 25.8 38.8

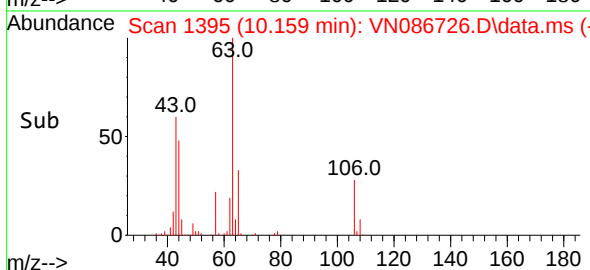
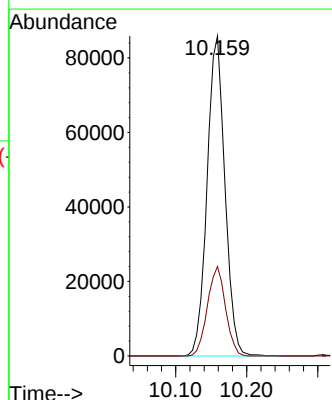
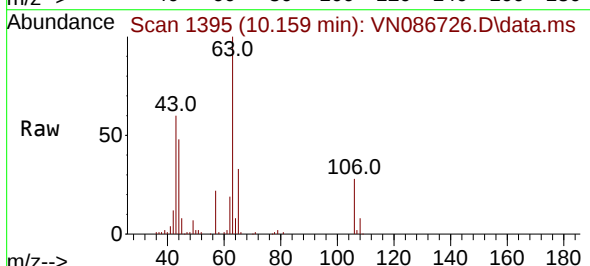
Manual Integrations
APPROVED

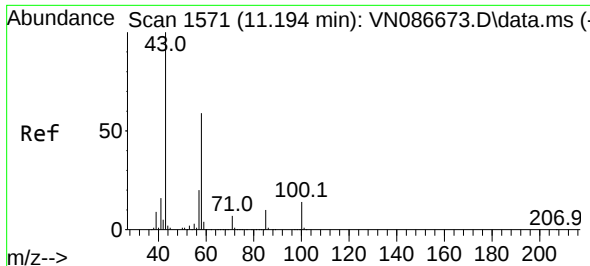
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#58
2-Chloroethyl Vinyl ether
Concen: 101.909 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

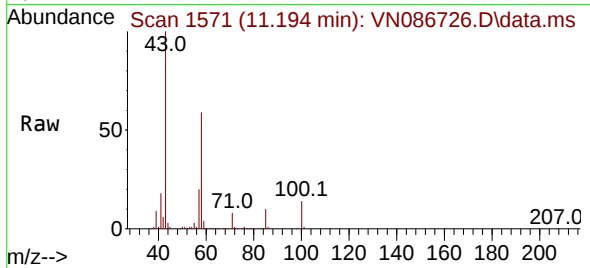
Tgt Ion: 63 Resp: 149782
Ion Ratio Lower Upper
63 100
106 28.3 23.1 34.7





#59
2-Hexanone
Concen: 106.178 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

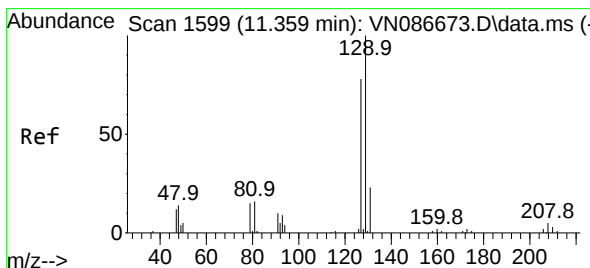
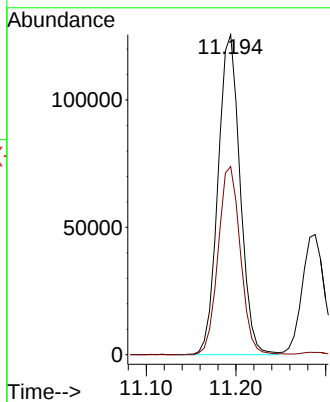
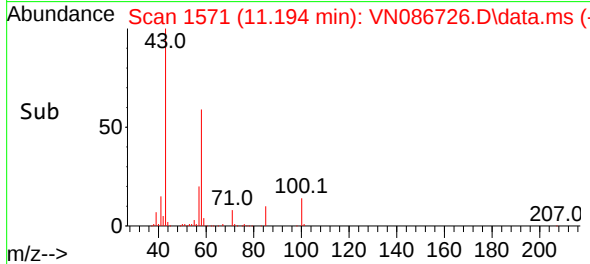
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



Tgt Ion: 43 Resp: 214432
Ion Ratio Lower Upper
43 100
58 59.4 29.8 89.5

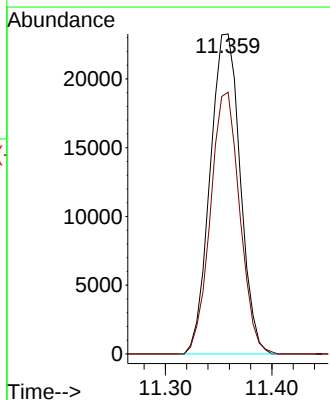
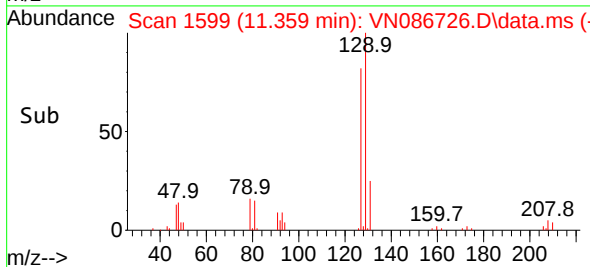
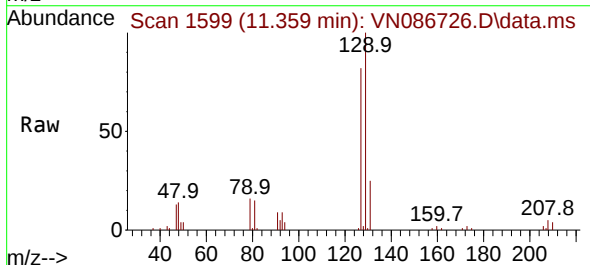
Manual Integrations
APPROVED

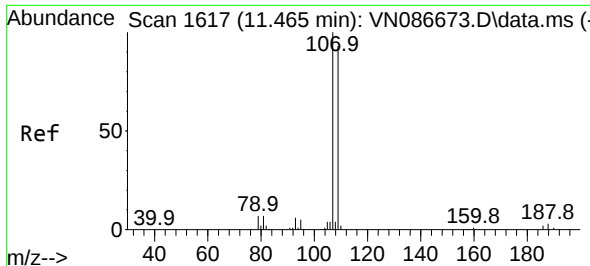
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#60
Dibromochloromethane
Concen: 21.279 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

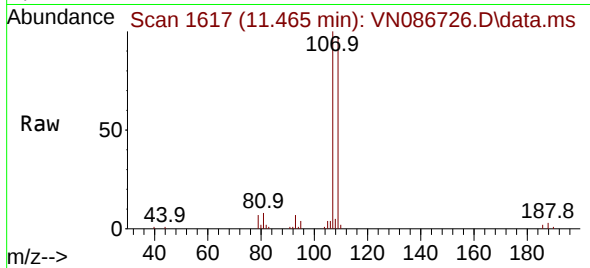
Tgt Ion:129 Resp: 45677
Ion Ratio Lower Upper
129 100
127 79.5 39.5 118.3





#61
1,2-Dibromoethane
Concen: 21.047 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

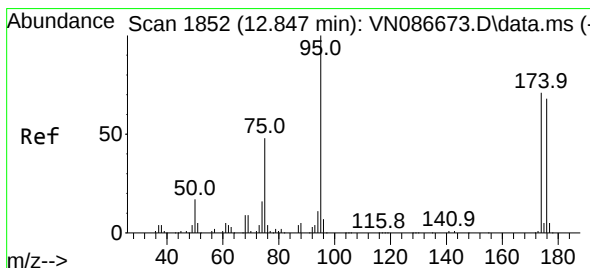
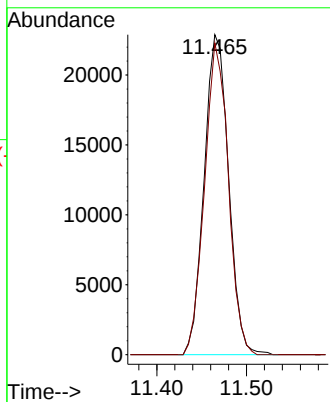
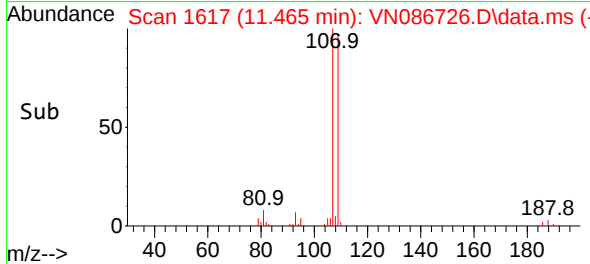
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



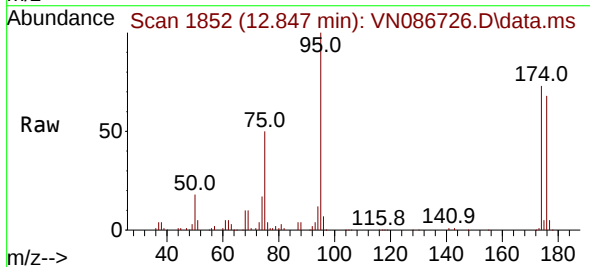
Tgt Ion:107 Resp: 43320
Ion Ratio Lower Upper
107 100
109 94.8 75.0 112.4

Manual Integrations
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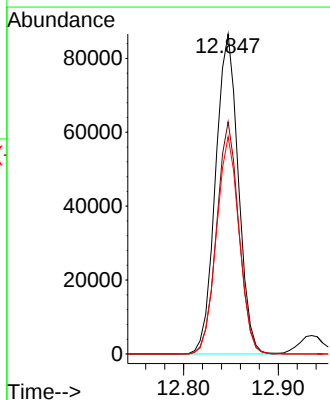
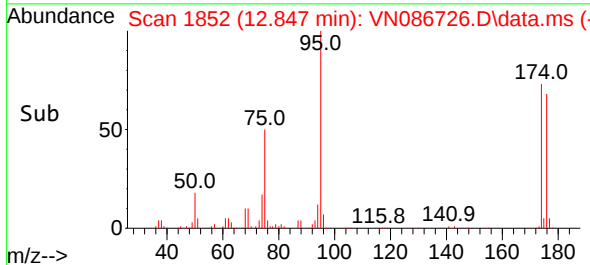
Reviewed By :John Carbone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

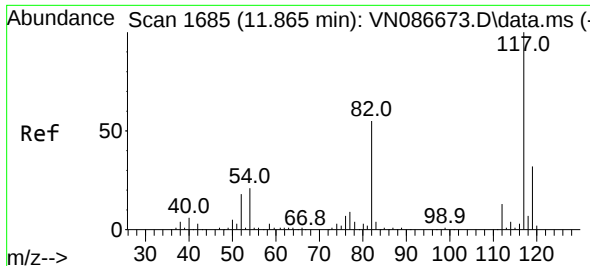


#62
4-Bromofluorobenzene
Concen: 53.844 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



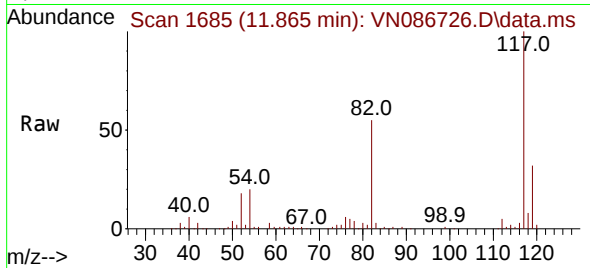
Tgt Ion: 95 Resp: 144648
Ion Ratio Lower Upper
95 100
174 70.7 0.0 145.4
176 67.6 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

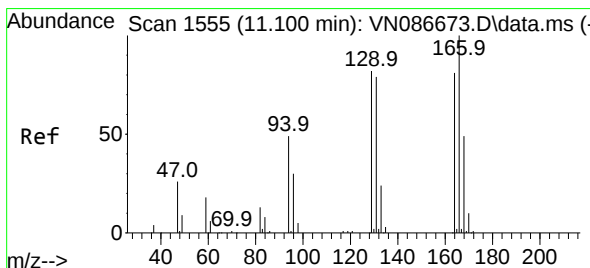
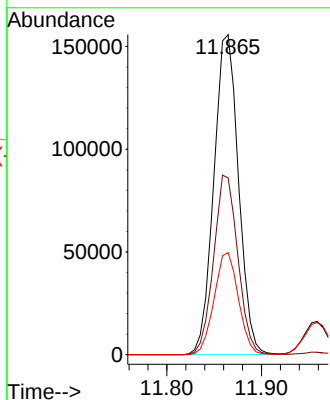
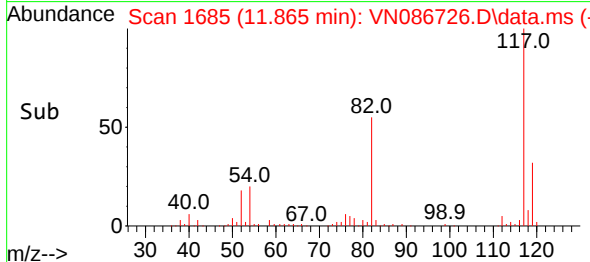
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



Tgt Ion:117 Resp: 282384
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.9 25.4 38.2

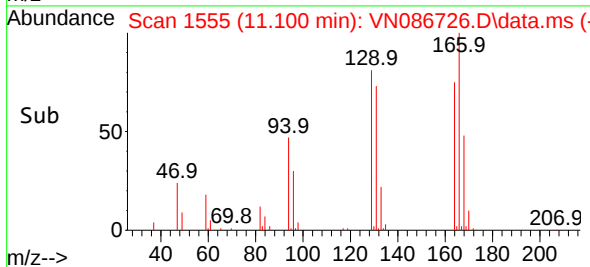
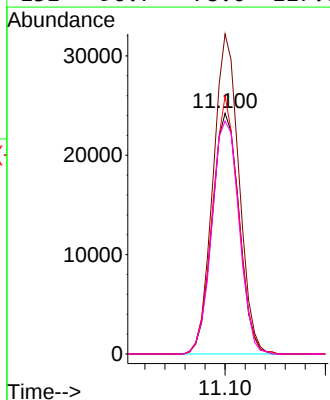
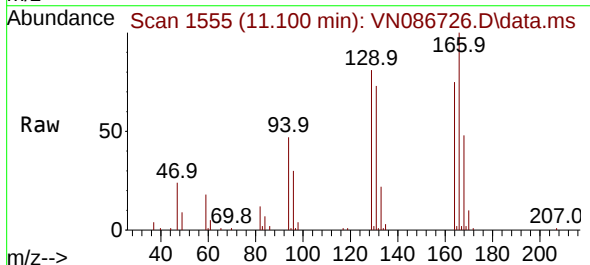
Manual Integrations
APPROVED

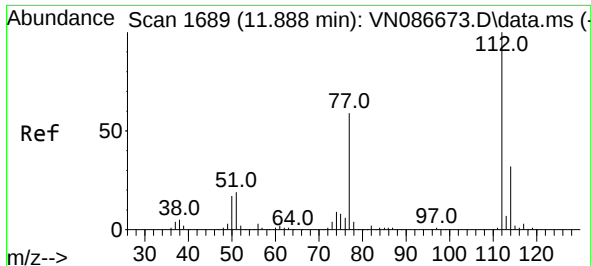
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#64
Tetrachloroethene
Concen: 20.903 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

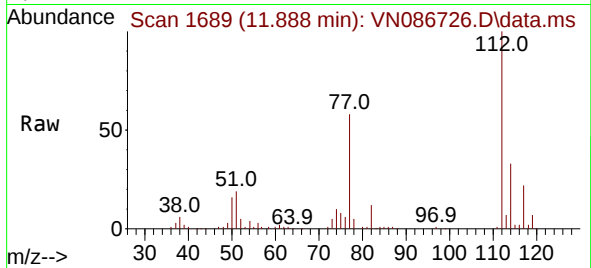
Tgt Ion:164 Resp: 45217
Ion Ratio Lower Upper
164 100
166 133.0 98.2 147.4
129 107.1 81.0 121.4
131 96.7 78.0 117.0





#65
Chlorobenzene
Concen: 20.128 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

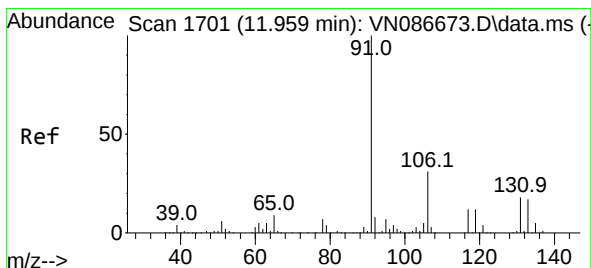
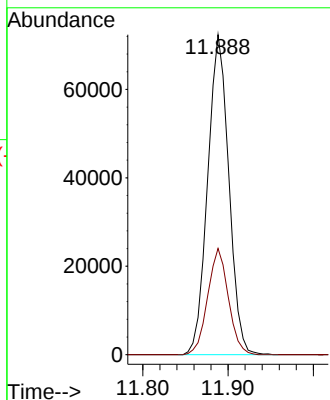
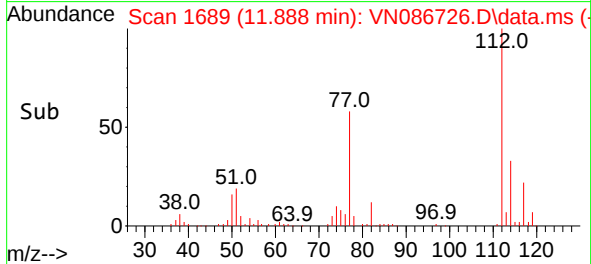
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



Tgt Ion:112 Resp: 12463
Ion Ratio Lower Upper
112 100
114 33.2 25.9 38.9

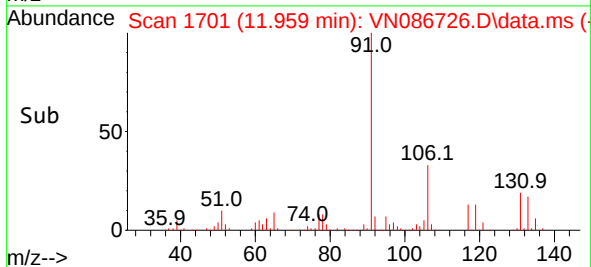
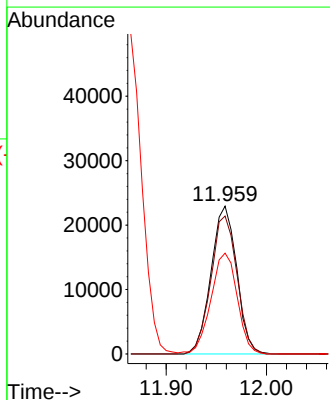
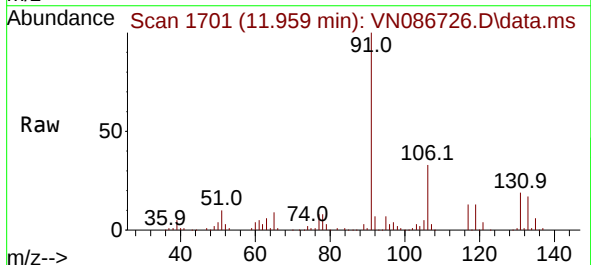
Manual Integrations
APPROVED

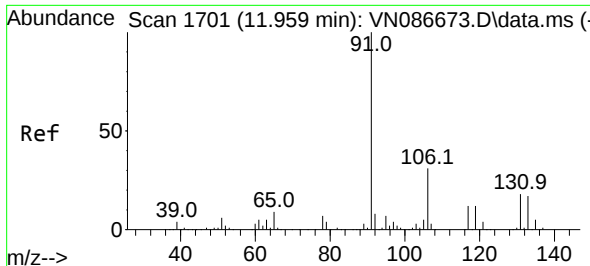
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.406 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

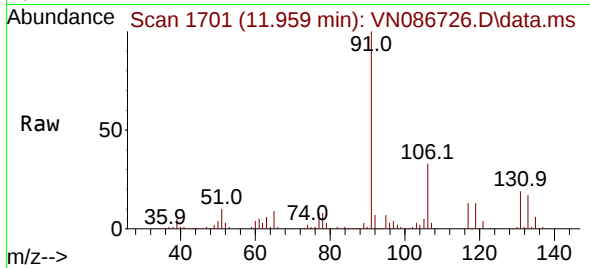
Tgt Ion:131 Resp: 40791
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 69.9 33.6 100.8





#67
Ethyl Benzene
Concen: 19.987 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

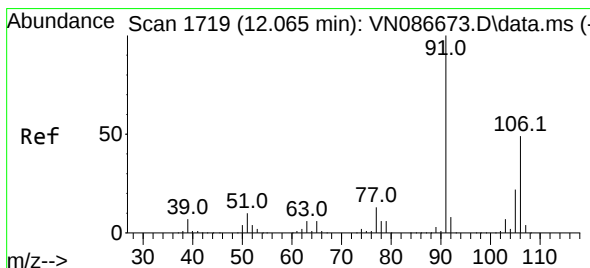
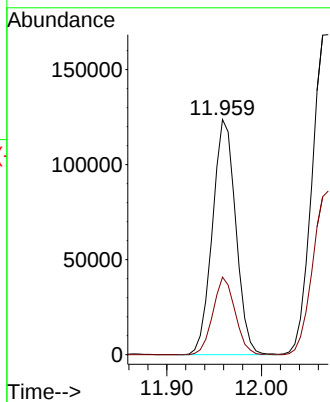
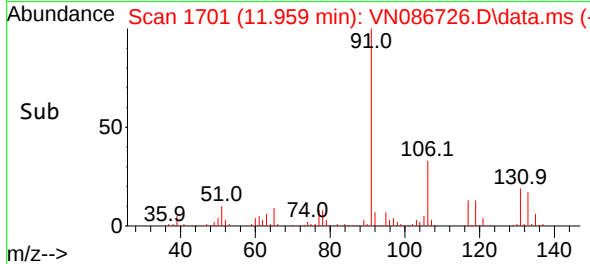
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



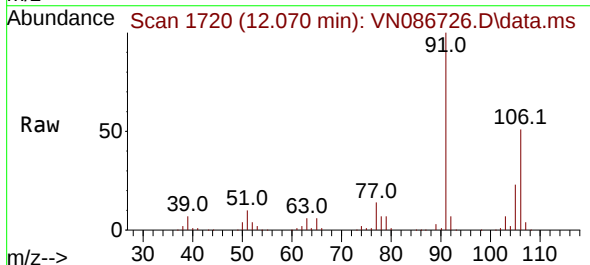
Tgt Ion: 91 Resp: 211990
Ion Ratio Lower Upper
91 100
106 33.0 24.6 36.8

Manual Integrations
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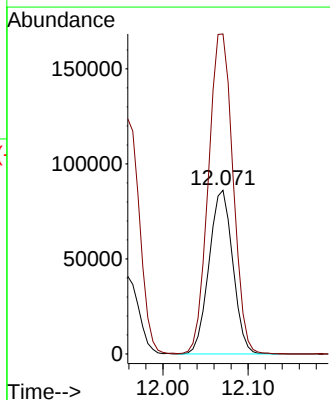
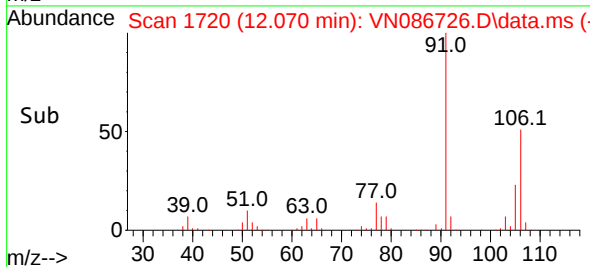
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

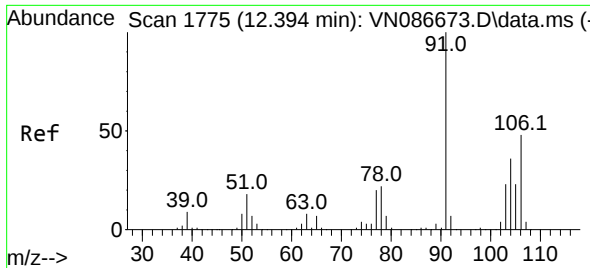


#68
m/p-Xylenes
Concen: 41.600 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



Tgt Ion:106 Resp: 167118
Ion Ratio Lower Upper
106 100
91 202.4 162.4 243.6





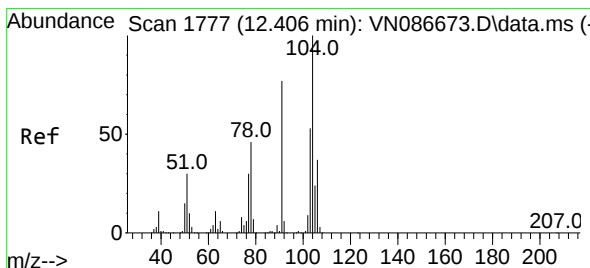
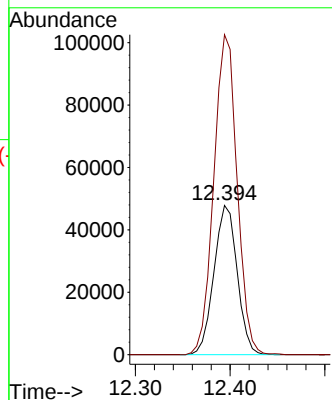
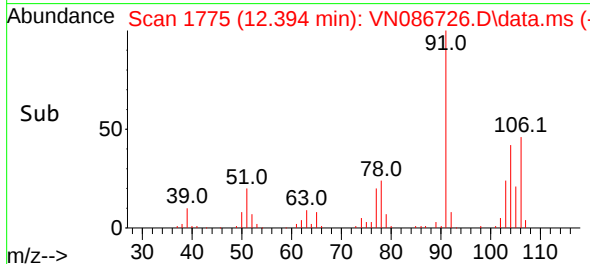
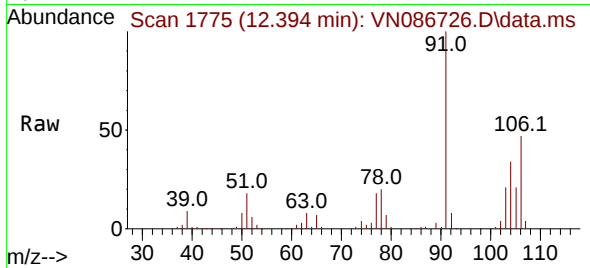
#69
o-Xylene
Concen: 20.420 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion:106 Resp: 81558
Ion Ratio Lower Upper
106 100
91 215.1 105.1 315.1

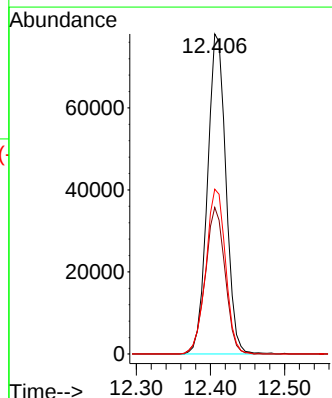
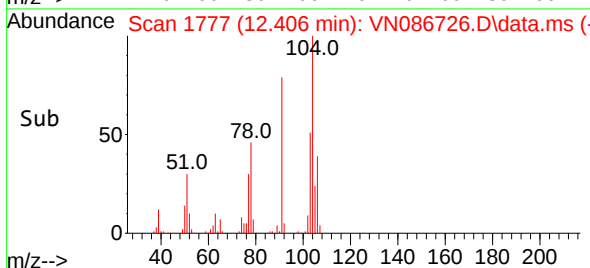
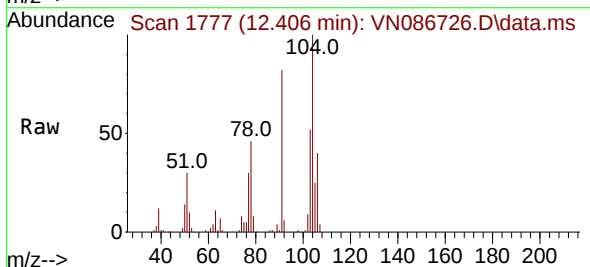
Manual Integrations
APPROVED

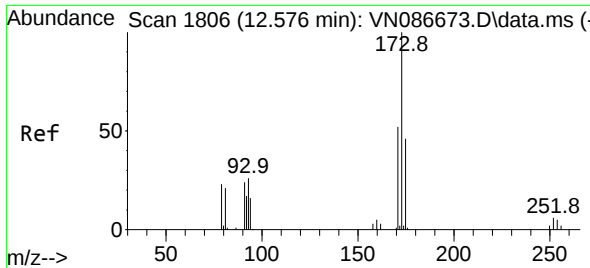
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#70
Styrene
Concen: 20.635 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Tgt Ion:104 Resp: 134928
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 54.9 43.8 65.8





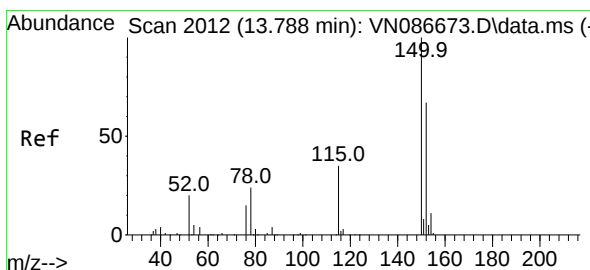
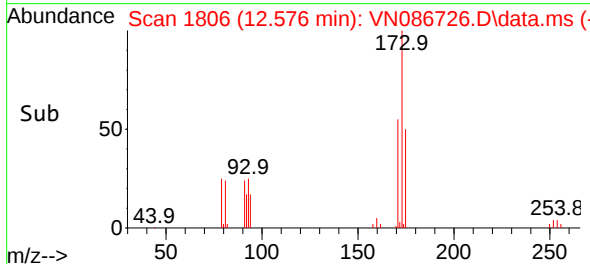
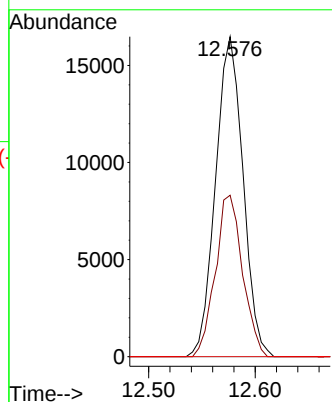
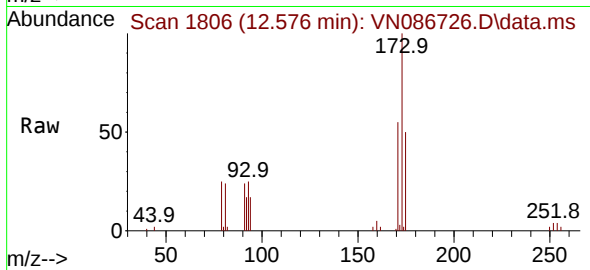
#71
Bromoform
Concen: 20.737 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion:173 Resp: 2948
Ion Ratio Lower Upper
173 100
175 50.0 23.4 70.2
254 0.0 0.0 0.0

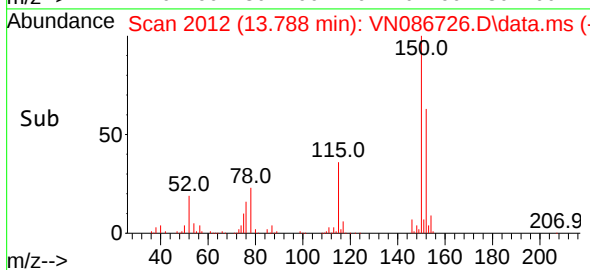
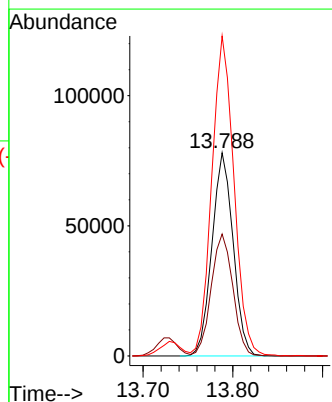
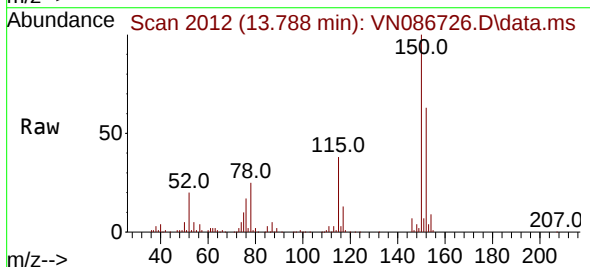
Manual Integrations
APPROVED

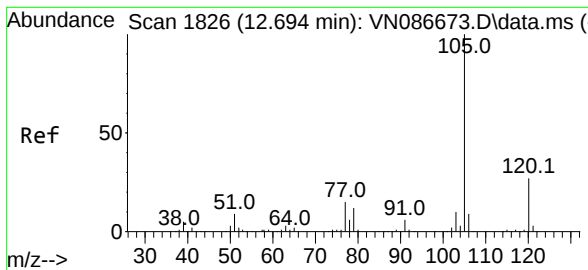
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Tgt Ion:152 Resp: 127830
Ion Ratio Lower Upper
152 100
115 61.3 30.0 90.1
150 164.8 0.0 347.8





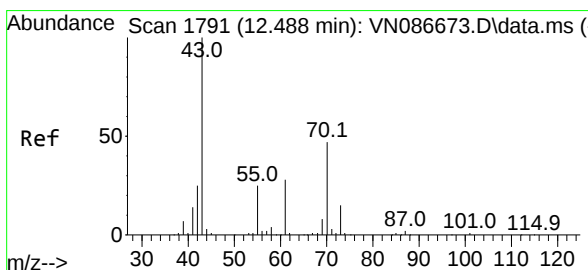
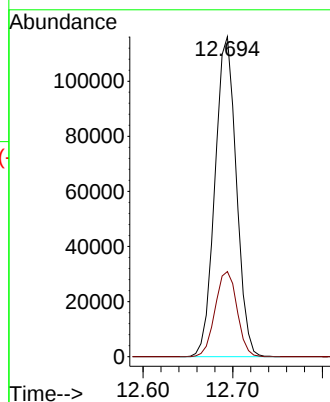
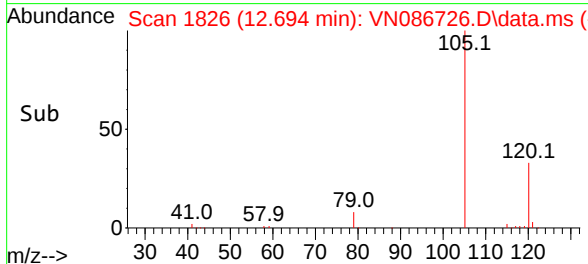
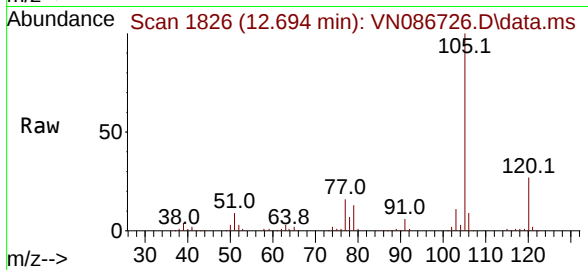
#73
Isopropylbenzene
Concen: 19.452 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion:105 Resp: 19204
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1

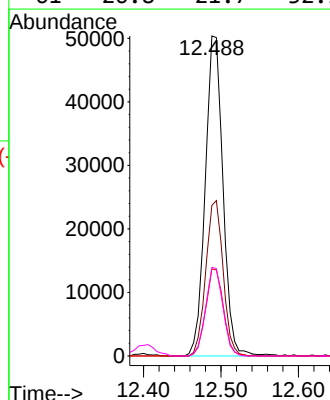
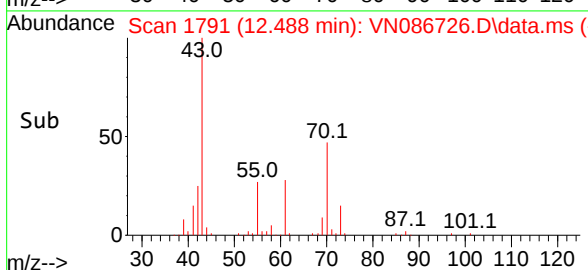
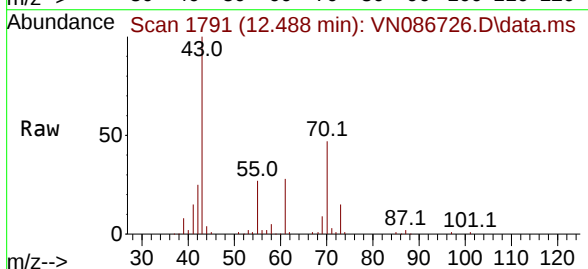
Manual Integrations
APPROVED

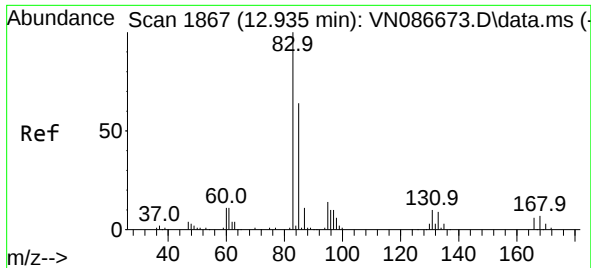
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#74
N-ethyl acetate
Concen: 19.460 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

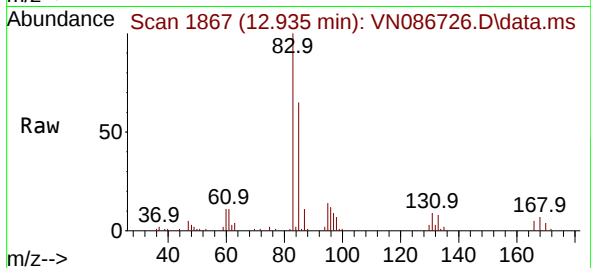
Tgt Ion: 43 Resp: 80271
Ion Ratio Lower Upper
43 100
70 47.3 37.9 56.9
55 27.0 20.5 30.7
61 26.8 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 20.033 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

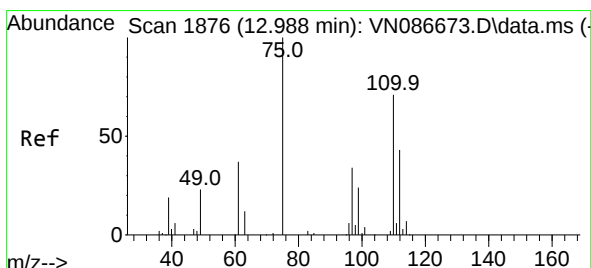
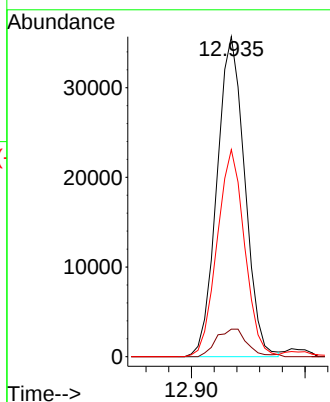
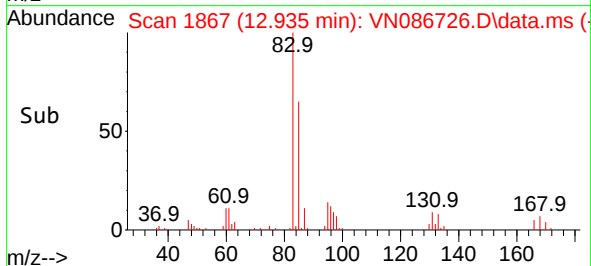
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



Tgt Ion: 83 Resp: 6076
Ion Ratio Lower Upper
83 100
131 9.6 5.0 15.0
85 63.9 32.4 97.2

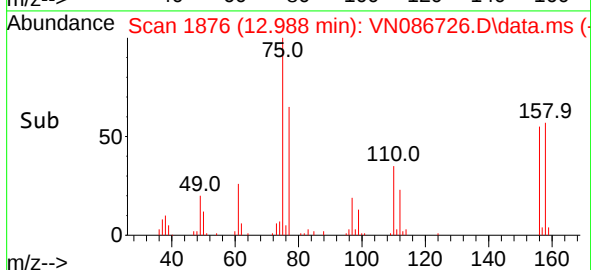
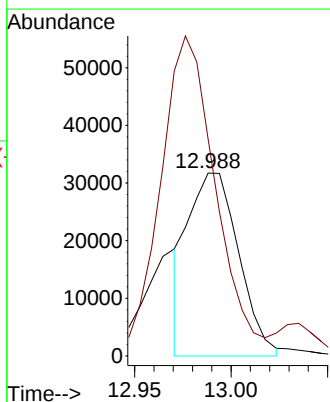
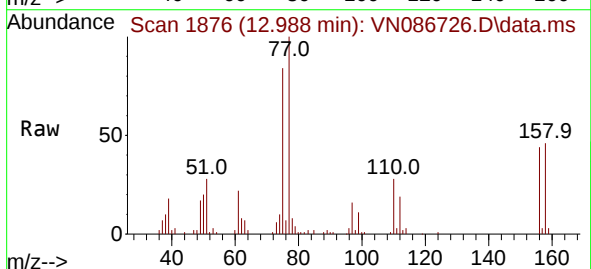
Manual Integrations
APPROVED

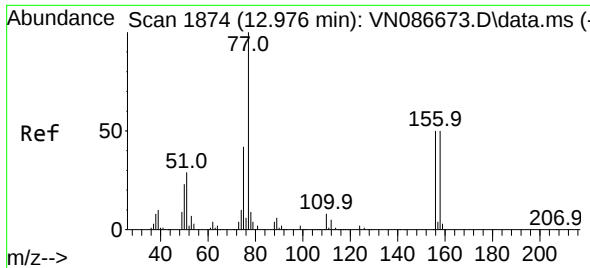
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#76
1,2,3-Trichloropropane
Concen: 20.042 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Tgt Ion: 75 Resp: 57940
Ion Ratio Lower Upper
75 100
77 190.7 96.0 288.1





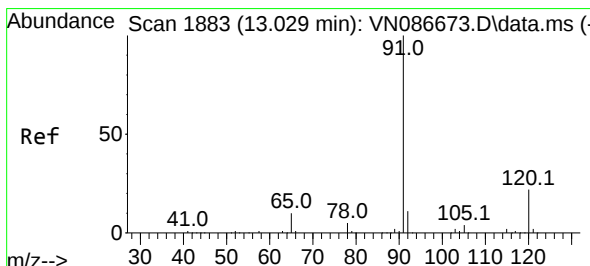
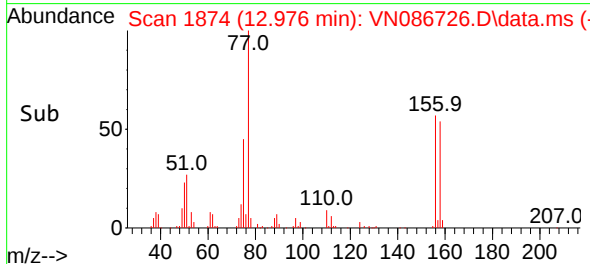
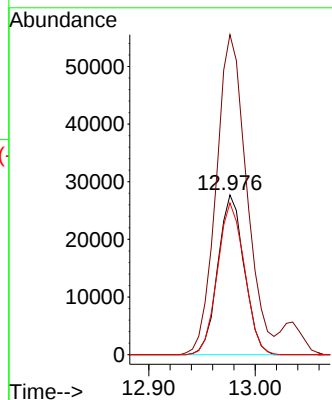
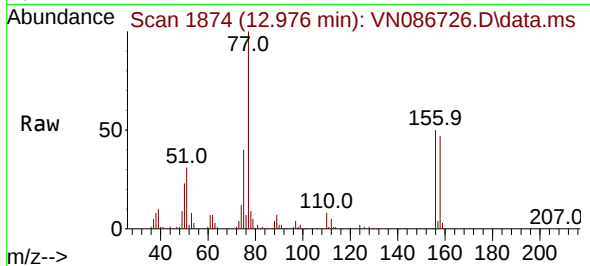
#77
Bromobenzene
Concen: 19.150 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion:156 Resp: 47560
Ion Ratio Lower Upper
156 100
77 232.3 113.1 339.2
158 97.4 48.6 145.9

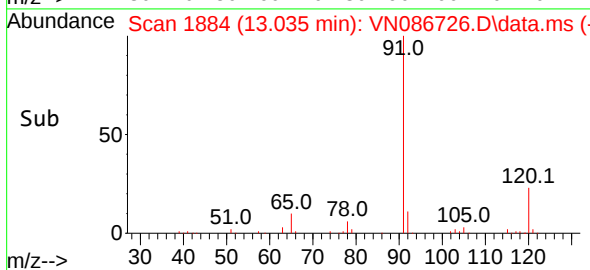
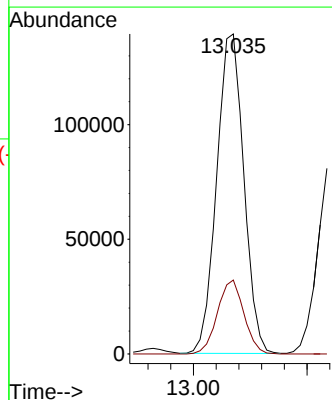
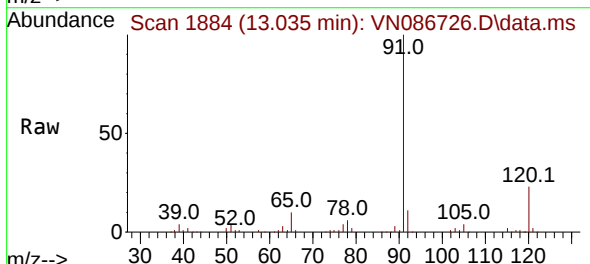
Manual Integrations
APPROVED

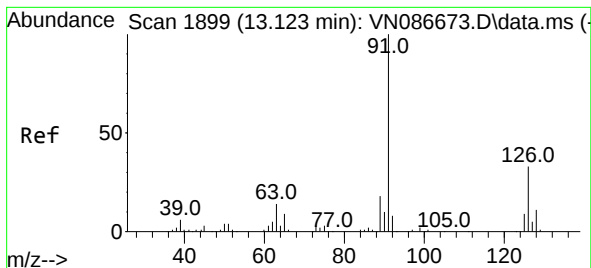
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#78
n-propylbenzene
Concen: 20.401 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Tgt Ion: 91 Resp: 231142
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.1





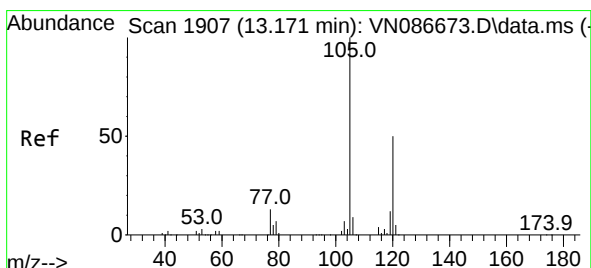
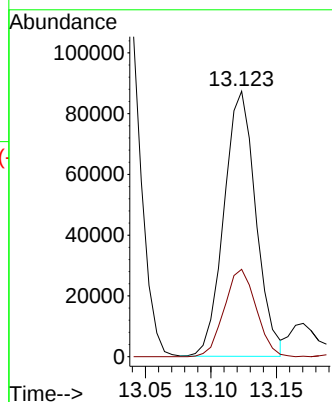
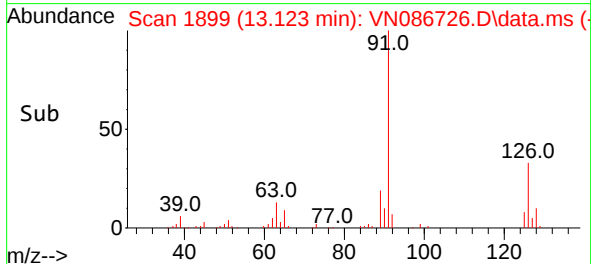
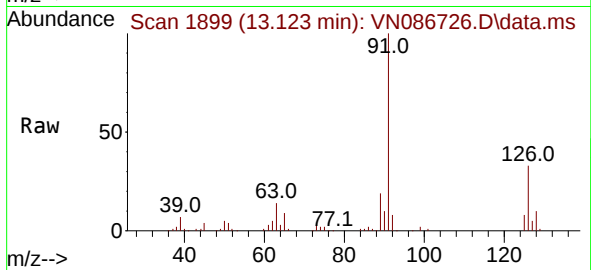
#79
2-Chlorotoluene
Concen: 20.098 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion: 91 Resp: 14805
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.7

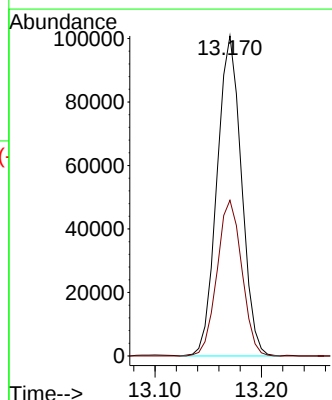
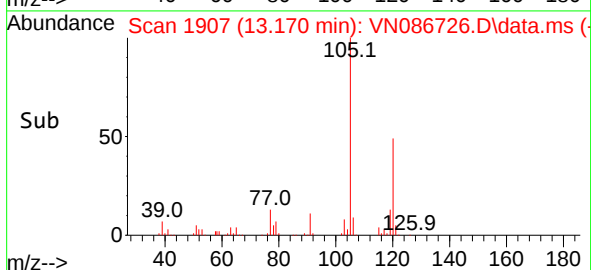
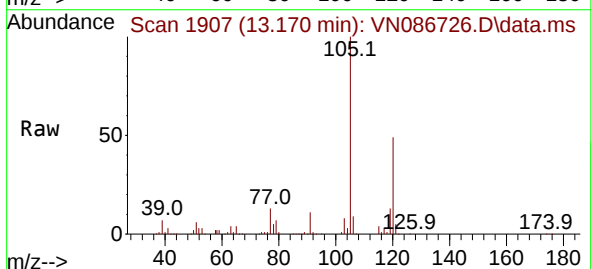
Manual Integrations
APPROVED

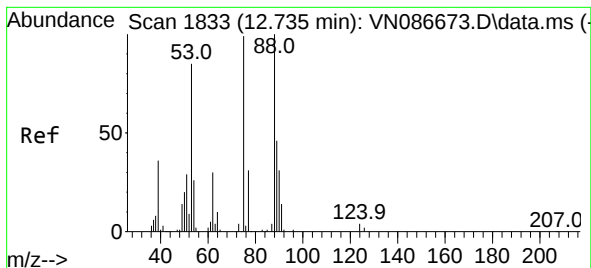
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.312 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

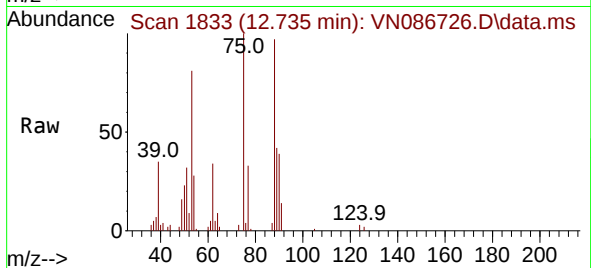
Tgt Ion:105 Resp: 160663
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.412 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

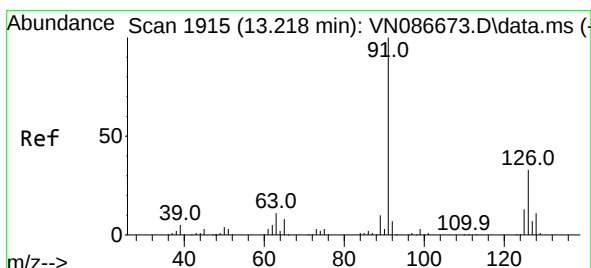
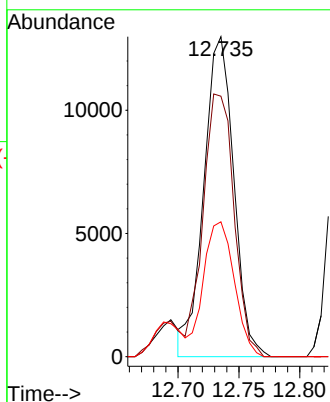
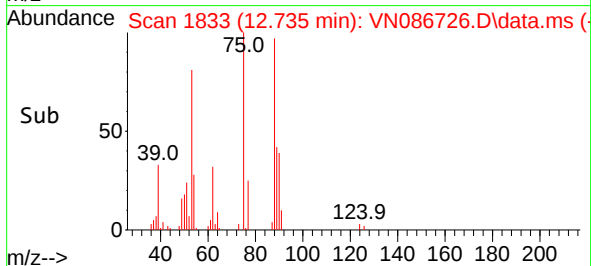
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



Tgt Ion: 75 Resp: 22238
Ion Ratio Lower Upper
75 100
53 84.8 70.4 105.6
89 43.6 32.4 48.6

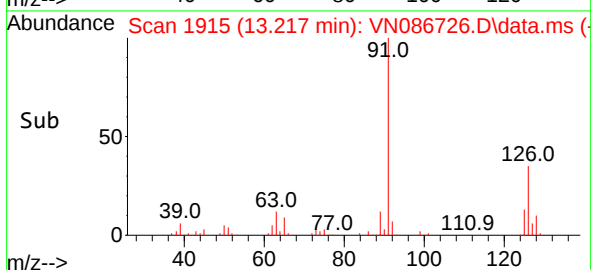
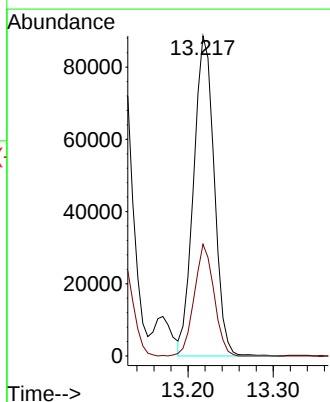
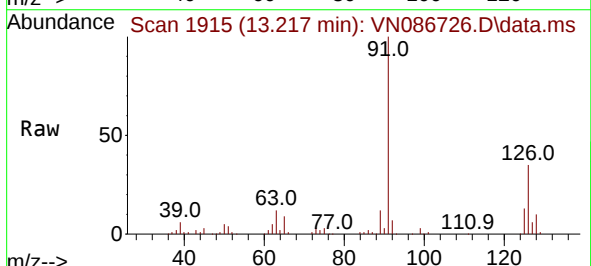
Manual Integrations
APPROVED

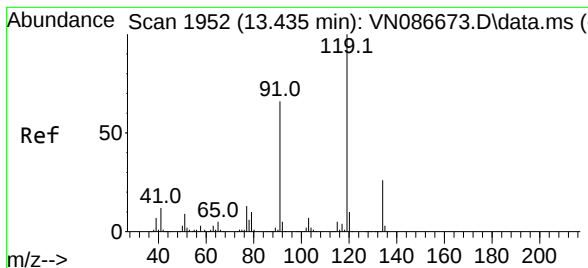
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#82
4-Chlorotoluene
Concen: 20.395 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

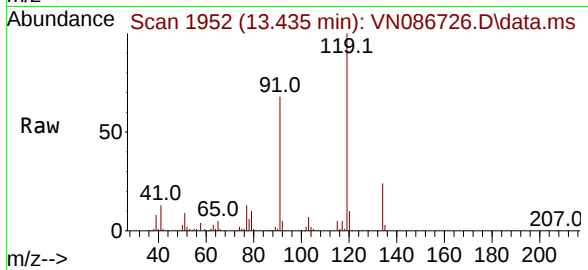
Tgt Ion: 91 Resp: 148857
Ion Ratio Lower Upper
91 100
126 33.5 17.0 50.9





#83
tert-Butylbenzene
Concen: 20.312 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

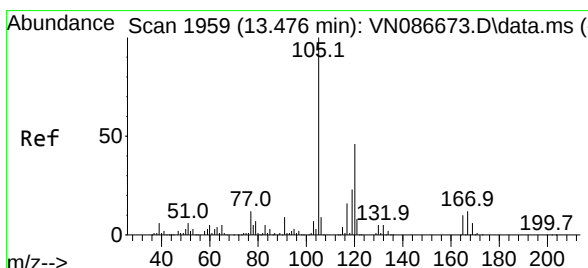
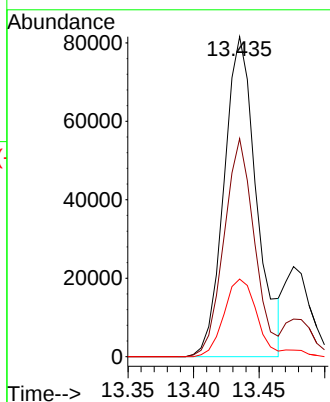
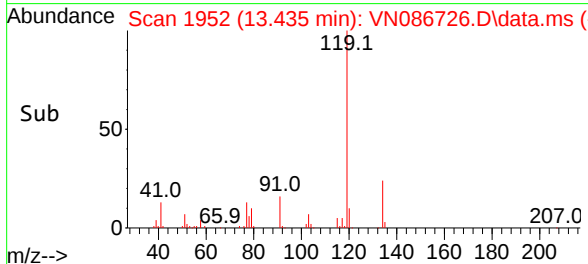
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



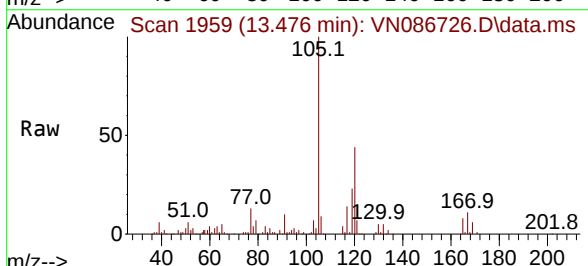
Tgt Ion:119 Resp: 140117
Ion Ratio Lower Upper
119 100
91 64.4 32.9 98.7
134 25.7 13.4 40.1

Manual Integrations
APPROVED

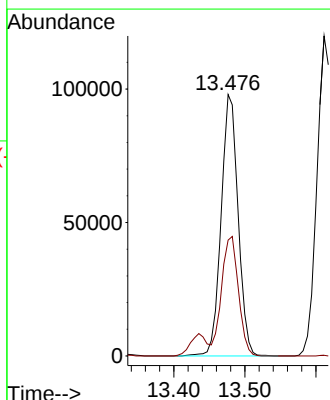
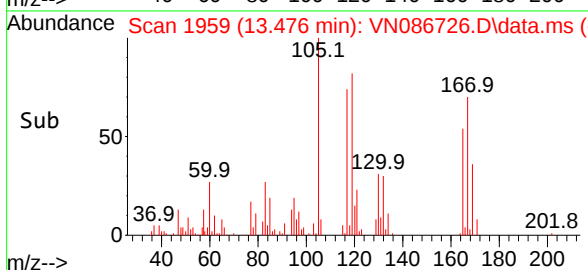
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

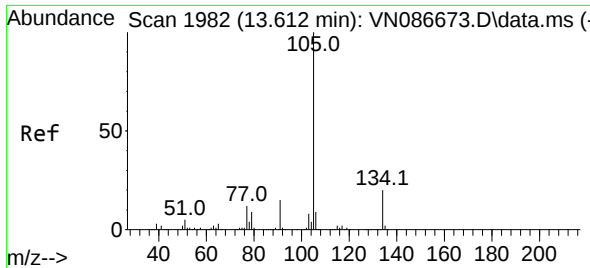


#84
1,2,4-Trimethylbenzene
Concen: 20.558 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



Tgt Ion:105 Resp: 161931
Ion Ratio Lower Upper
105 100
120 45.4 23.2 69.6





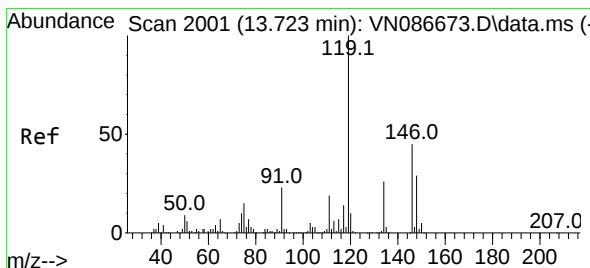
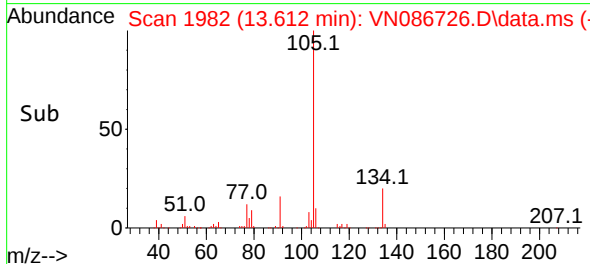
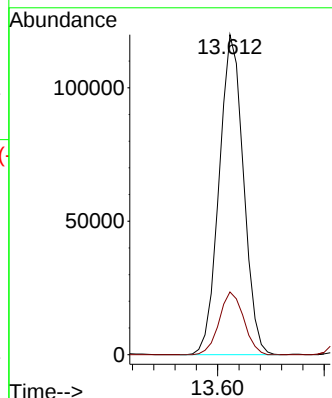
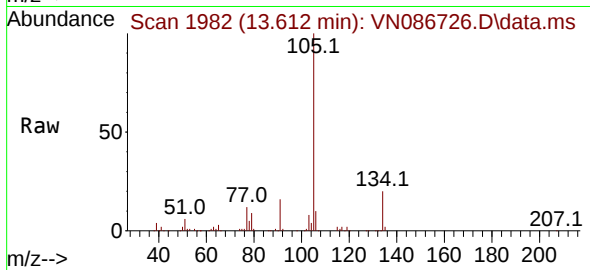
#85
 sec-Butylbenzene
 Concen: 20.554 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086726.D
 Acq: 21 May 2025 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0521WBS01

Tgt Ion:105 Resp: 190108
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1

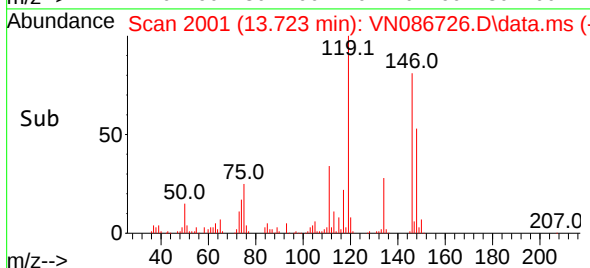
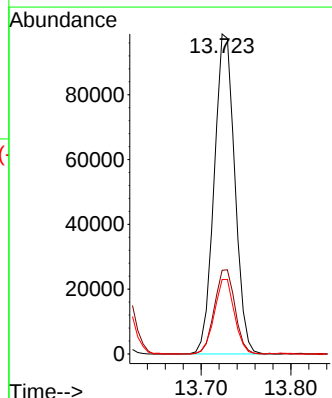
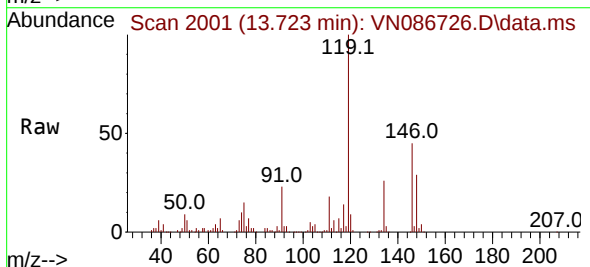
Manual Integrations
 APPROVED

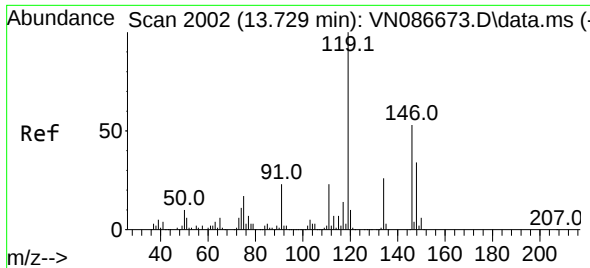
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#86
 p-Isopropyltoluene
 Concen: 20.754 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086726.D
 Acq: 21 May 2025 13:05

Tgt Ion:119 Resp: 157351
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 22.8 11.5 34.5





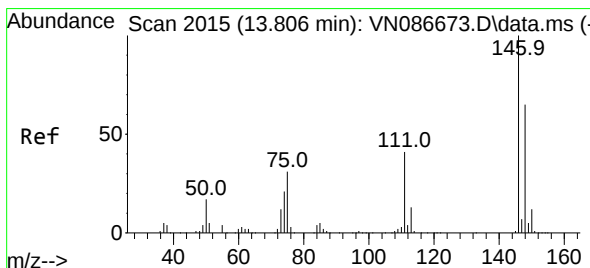
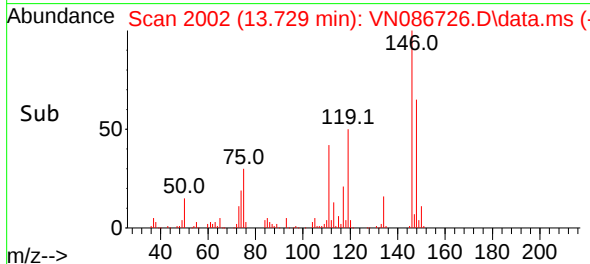
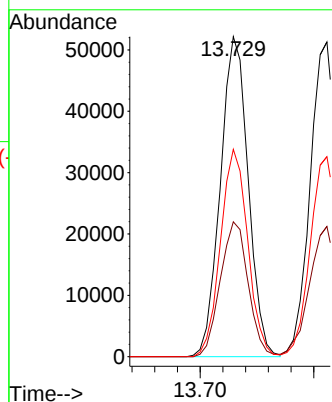
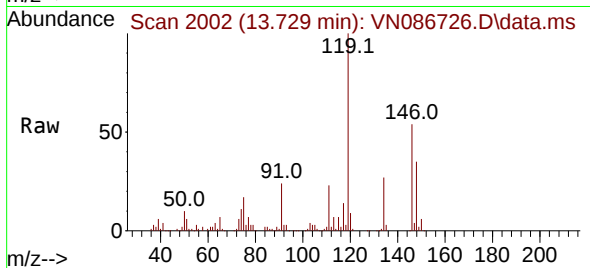
#87
1,3-Dichlorobenzene
Concen: 20.612 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion:146 Resp: 8864
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.7
148 63.6 31.8 95.4

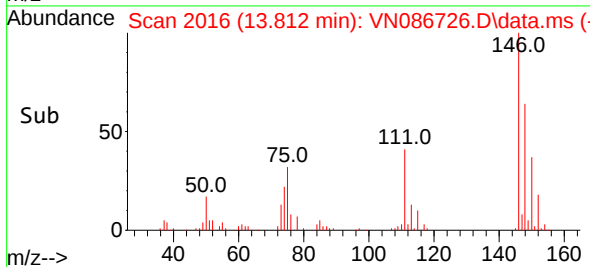
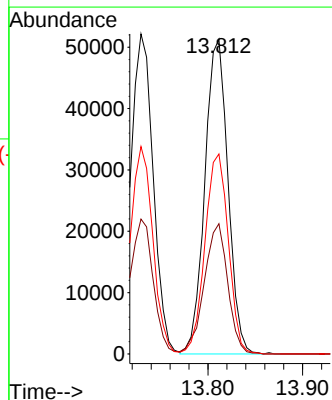
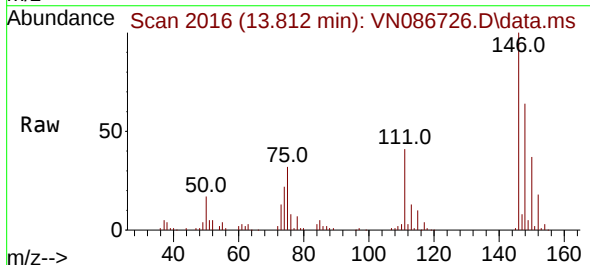
Manual Integrations
APPROVED

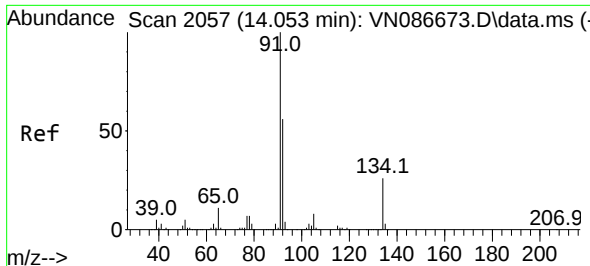
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#88
1,4-Dichlorobenzene
Concen: 20.483 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Tgt Ion:146 Resp: 87276
Ion Ratio Lower Upper
146 100
111 42.2 20.6 61.8
148 64.4 32.0 96.0





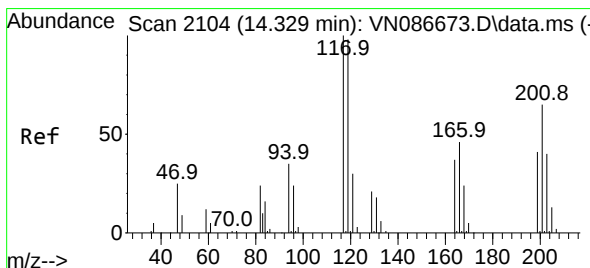
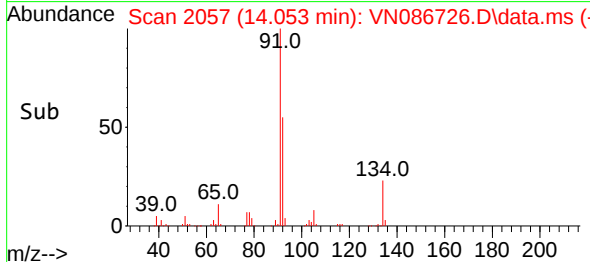
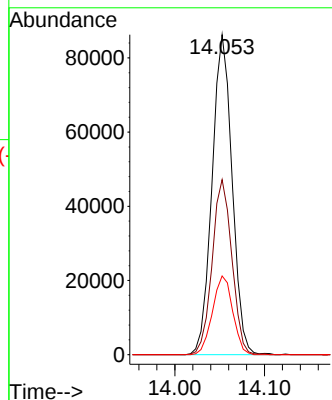
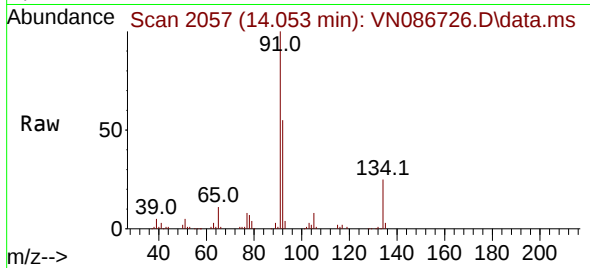
#89
n-Butylbenzene
Concen: 21.269 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion: 91 Resp: 13368
Ion Ratio Lower Upper
91 100
92 53.8 27.4 82.0
134 24.9 12.8 38.4

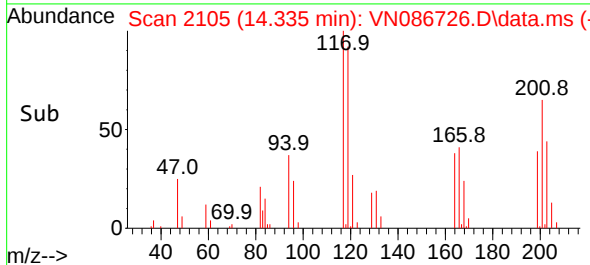
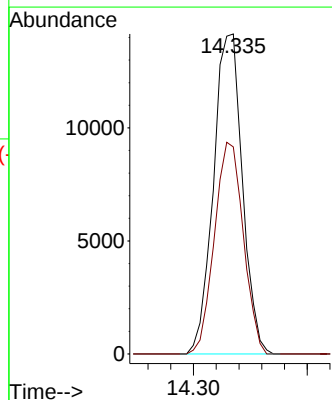
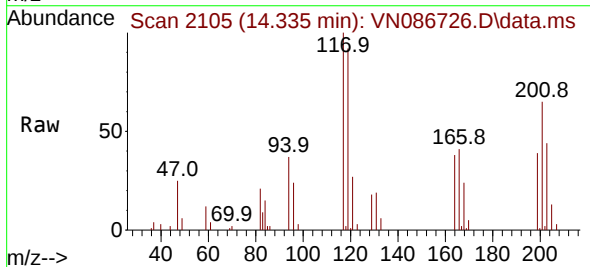
Manual Integrations
APPROVED

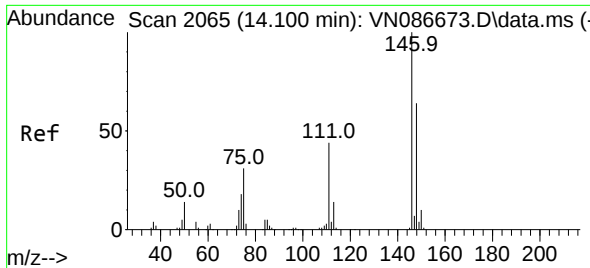
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#90
Hexachloroethane
Concen: 19.895 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Tgt Ion:117 Resp: 25027
Ion Ratio Lower Upper
117 100
201 66.0 32.0 96.0





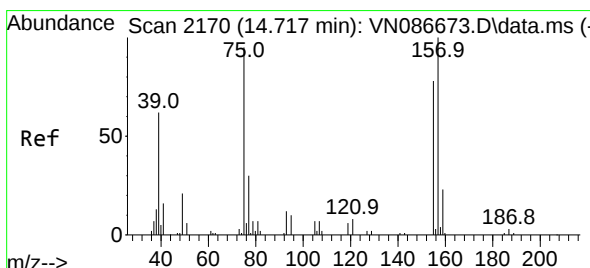
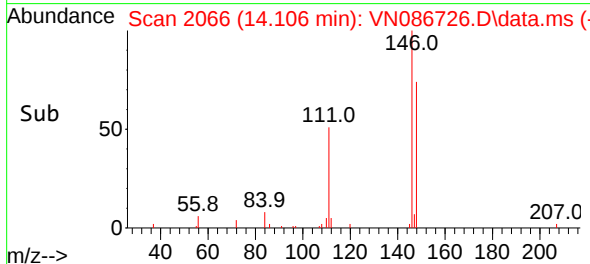
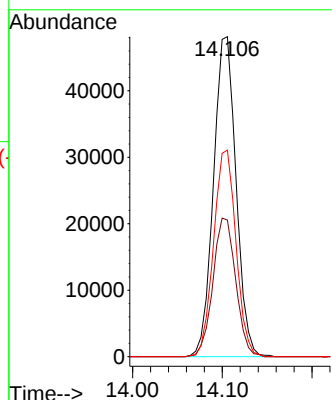
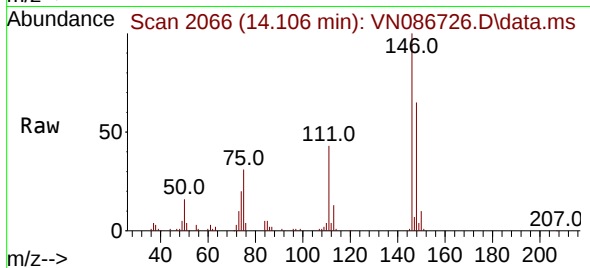
#91
1,2-Dichlorobenzene
Concen: 20.551 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01

Tgt Ion:146 Resp: 8406
Ion Ratio Lower Upper
146 100
111 43.8 21.6 65.0
148 64.2 31.7 95.1

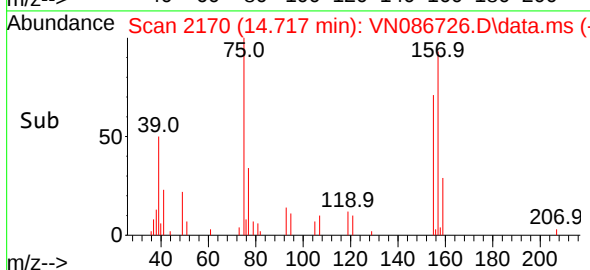
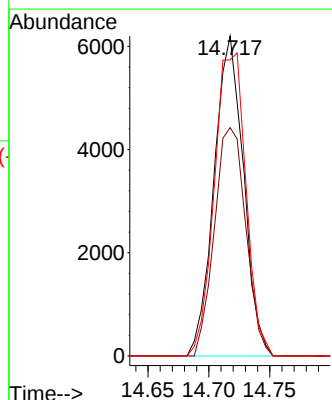
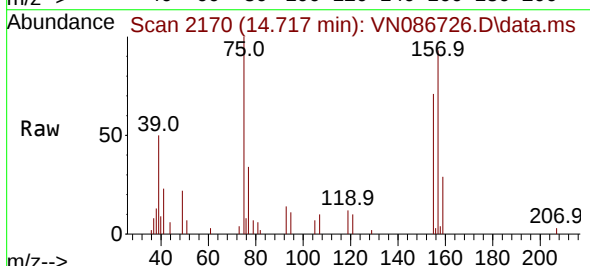
Manual Integrations
APPROVED

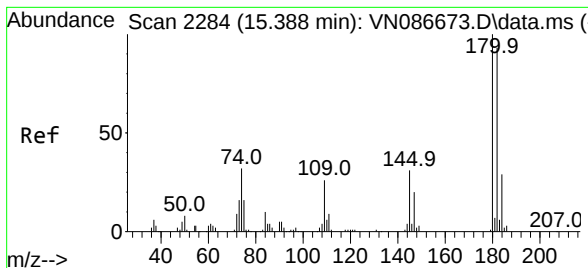
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.680 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

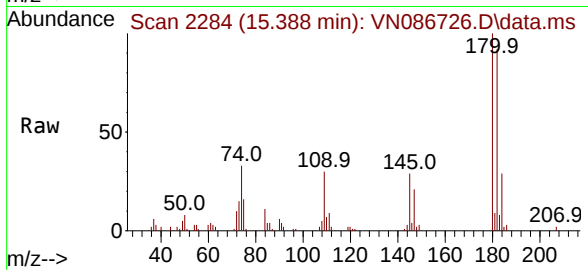
Tgt Ion: 75 Resp: 10391
Ion Ratio Lower Upper
75 100
155 76.3 40.5 121.5
157 102.0 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 20.587 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05

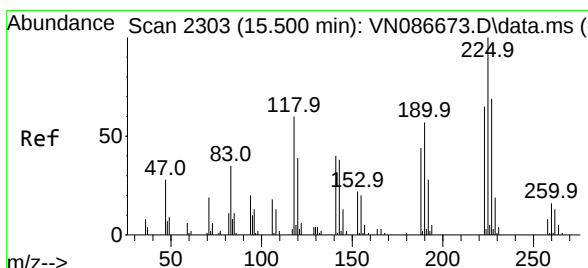
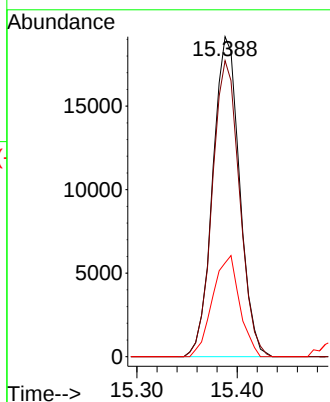
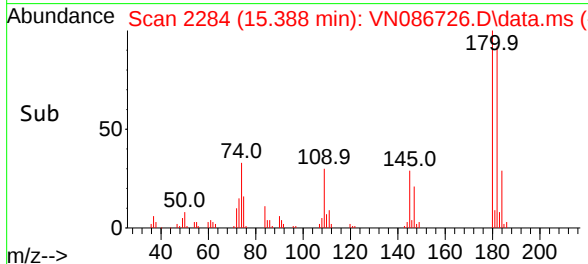
Instrument :
MSVOA_N
ClientSampleId :
VN0521WBS01



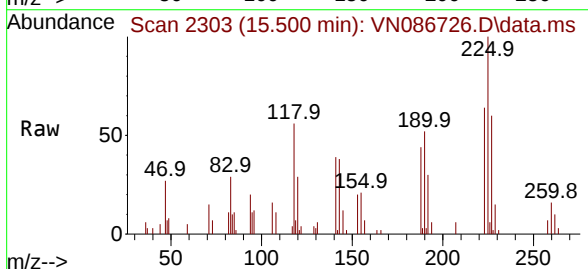
Tgt Ion:180 Resp: 3554
Ion Ratio Lower Upper
180 100
182 94.0 47.1 141.3
145 31.8 15.6 46.8

Manual Integrations
APPROVED

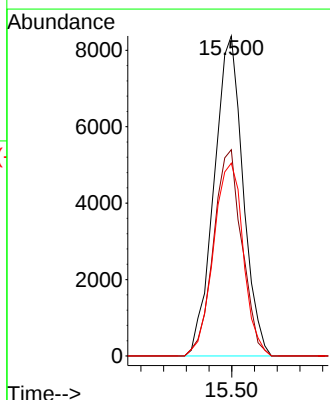
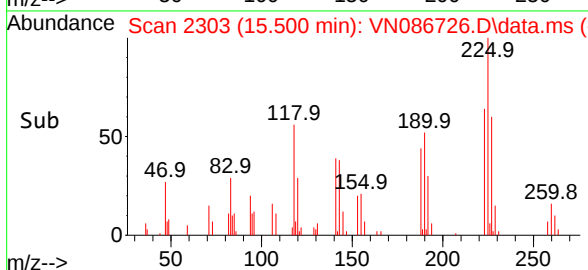
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

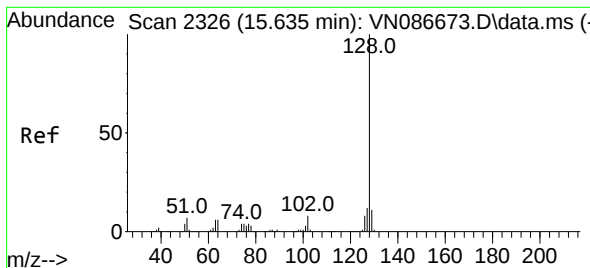


#94
Hexachlorobutadiene
Concen: 20.663 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086726.D
Acq: 21 May 2025 13:05



Tgt Ion:225 Resp: 14802
Ion Ratio Lower Upper
225 100
223 63.6 32.9 98.6
227 62.1 32.4 97.2





#95

Naphthalene

Concen: 19.558 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086726.D

Acq: 21 May 2025 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0521WBS01

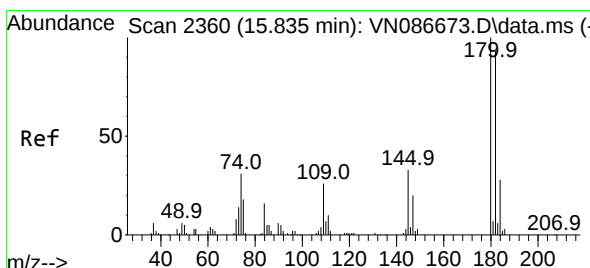
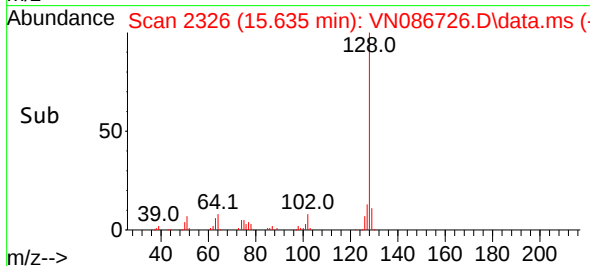
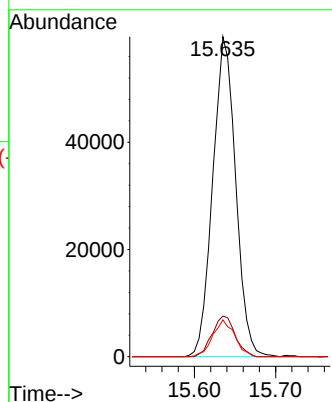
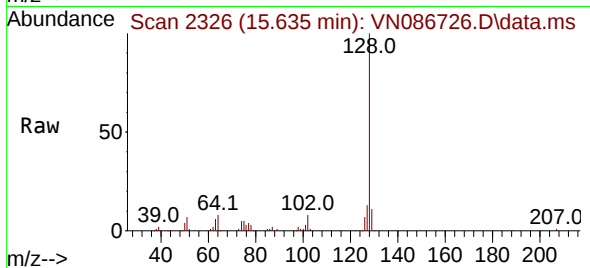
Tgt Ion:128	Resp:	11725
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.1 15.1
129	11.0	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#96

1,2,3-Trichlorobenzene

Concen: 20.517 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086726.D

Acq: 21 May 2025 13:05

Tgt Ion:180	Resp:	34692
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.0 141.2
145	34.5	16.7 50.1

