

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086753.D
 Acq On : 22 May 2025 09:43
 Operator : JC\MD
 Sample : VN0522WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBS01

Manual Integrations
 APPROVED

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

Quant Time: May 23 01:31:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	281968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	476790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	414976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	181924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	164210	42.145	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.300%		
35) Dibromofluoromethane	8.165	113	141526	49.842	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.680%		
50) Toluene-d8	10.565	98	580621	49.343	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.680%		
62) 4-Bromofluorobenzene	12.847	95	200653	48.294	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	52793	17.337	ug/l	99
3) Chloromethane	2.359	50	66938	14.534	ug/l	100
4) Vinyl Chloride	2.512	62	63678	15.395	ug/l	97
5) Bromomethane	2.954	94	37413	15.690	ug/l	99
6) Chloroethane	3.124	64	40975	15.122	ug/l	93
7) Trichlorofluoromethane	3.495	101	83679	16.928	ug/l	94
8) Diethyl Ether	3.959	74	33839	16.571	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	50459	17.051	ug/l	95
10) Methyl Iodide	4.589	142	59765	16.236	ug/l	96
11) Tert butyl alcohol	5.512	59	54990	77.493	ug/l	98
12) 1,1-Dichloroethene	4.342	96	52258	16.616	ug/l	91
13) Acrolein	4.177	56	57938	76.376	ug/l	100
14) Allyl chloride	5.024	41	71696	15.061	ug/l	95
15) Acrylonitrile	5.718	53	134447	76.522	ug/l	99
16) Acetone	4.424	43	102131	70.074	ug/l	98
17) Carbon Disulfide	4.712	76	134429	15.438	ug/l	98
18) Methyl Acetate	5.030	43	56855	13.938	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	176206	16.455	ug/l	99
20) Methylene Chloride	5.277	84	58755	15.277	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	54317	16.335	ug/l	96
22) Diisopropyl ether	6.671	45	166266	15.482	ug/l	94
23) Vinyl Acetate	6.600	43	664177	82.289	ug/l	98
24) 1,1-Dichloroethane	6.565	63	98841	15.676	ug/l	99
25) 2-Butanone	7.483	43	168035	74.610	ug/l	96
26) 2,2-Dichloropropane	7.489	77	86997	16.719	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	66899	16.391	ug/l	97
28) Bromochloromethane	7.812	49	43042	15.025	ug/l	86
29) Tetrahydrofuran	7.836	42	105327	71.649	ug/l	92
30) Chloroform	7.965	83	99974	15.841	ug/l	97
31) Cyclohexane	8.253	56	88653	15.160	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	86403	16.238	ug/l	97
36) 1,1-Dichloropropene	8.371	75	72279	17.257	ug/l	98
37) Ethyl Acetate	7.559	43	66243	15.657	ug/l	98
38) Carbon Tetrachloride	8.359	117	74331	18.012	ug/l	98
39) Methylcyclohexane	9.594	83	80785	17.821	ug/l	99
40) Benzene	8.600	78	236475	17.308	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35959	15.741	ug/l	96
42) 1,2-Dichloroethane	8.665	62	69818	16.402	ug/l	97
43) Isopropyl Acetate	8.683	43	117696	13.877	ug/l	95
44) Trichloroethene	9.347	130	60825	18.457	ug/l	100
45) 1,2-Dichloropropane	9.618	63	54938	16.926	ug/l	97
46) Dibromomethane	9.706	93	38093	17.393	ug/l	97
47) Bromodichloromethane	9.882	83	77787	17.238	ug/l	100
48) Methyl methacrylate	9.677	41	52526	15.982	ug/l	95
49) 1,4-Dioxane	9.694	88	26182	376.214	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	339918	79.472	ug/l	96
52) Toluene	10.629	92	150259	17.694	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	83312	17.437	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	92300	17.697	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	54357	17.159	ug/l	94
56) Ethyl methacrylate	10.871	69	88371	17.375	ug/l	95
57) 1,3-Dichloropropane	11.159	76	92186	16.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	201742	88.751	ug/l	97
59) 2-Hexanone	11.194	43	251528	80.529	ug/l	97
60) Dibromochloromethane	11.359	129	60399	18.193	ug/l	98
61) 1,2-Dibromoethane	11.465	107	55462	17.423	ug/l	100
64) Tetrachloroethene	11.100	164	63499	19.975	ug/l	97
65) Chlorobenzene	11.888	112	166364	18.282	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.953	131	54412	18.523	ug/l	99
67) Ethyl Benzene	11.959	91	277406	17.798	ug/l	96
68) m/p-Xylenes	12.071	106	220040	37.273	ug/l	97
69) o-Xylene	12.394	106	108555	18.496	ug/l	100
70) Styrene	12.406	104	176507	18.369	ug/l	98
71) Bromoform	12.576	173	39942	19.119	ug/l #	96
73) Isopropylbenzene	12.694	105	255094	18.155	ug/l	99
74) N-amyl acetate	12.494	43	93636	15.950	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	71864	16.648	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	78175m	19.000	ug/l	
77) Bromobenzene	12.976	156	63793	18.049	ug/l	94
78) n-propylbenzene	13.029	91	289773	17.971	ug/l	99
79) 2-Chlorotoluene	13.123	91	186860	17.823	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	205936	18.294	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	30076	18.448	ug/l	92
82) 4-Chlorotoluene	13.218	91	183422	17.659	ug/l	99
83) tert-Butylbenzene	13.435	119	181753	18.514	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	208897	18.635	ug/l	99
85) sec-Butylbenzene	13.612	105	241304	18.331	ug/l	99
86) p-Isopropyltoluene	13.723	119	202813	18.797	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	111605	18.235	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	110685	18.253	ug/l	99
89) n-Butylbenzene	14.053	91	160759	17.972	ug/l	99
90) Hexachloroethane	14.329	117	31873	17.804	ug/l	93
91) 1,2-Dichlorobenzene	14.100	146	105980	18.205	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12222	17.091	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	46397	18.882	ug/l	98
94) Hexachlorobutadiene	15.494	225	19375	19.004	ug/l	98
95) Naphthalene	15.635	128	159376	18.680	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	45248	18.803	ug/l	99

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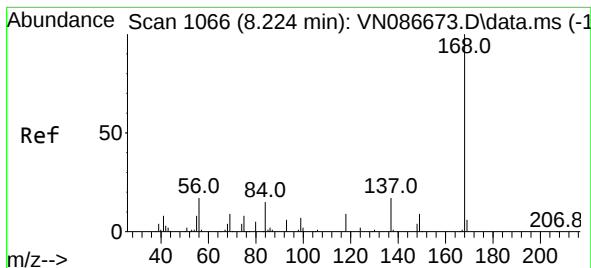
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

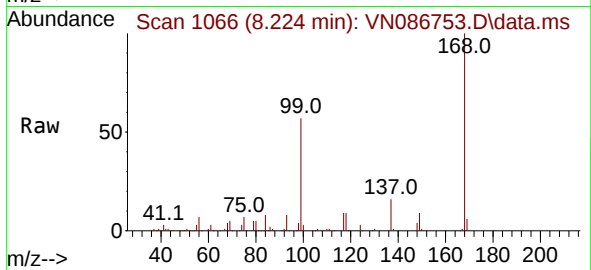
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

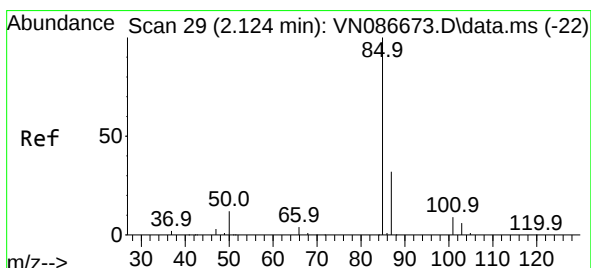
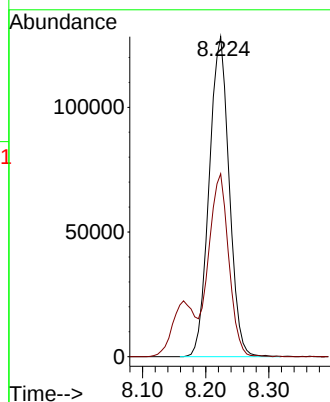
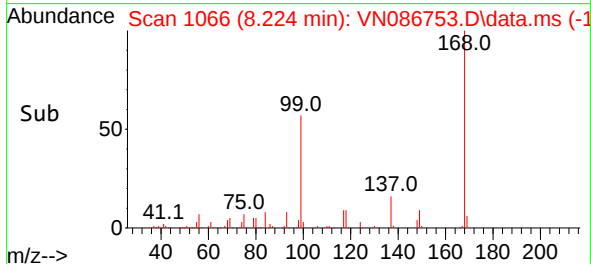
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion:168 Resp: 281968
Ion Ratio Lower Upper
168 100
99 57.0 47.0 70.4

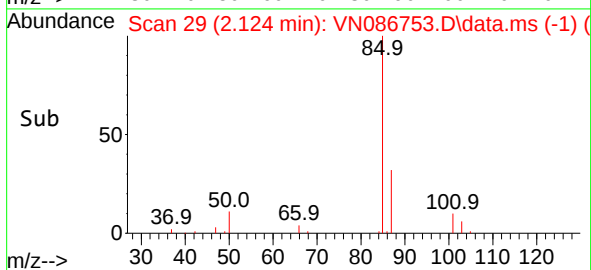
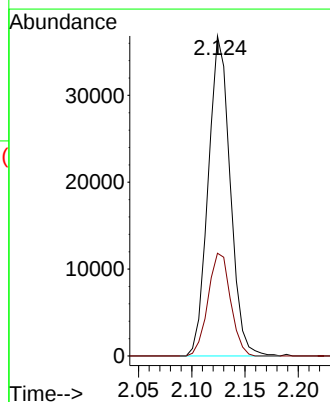
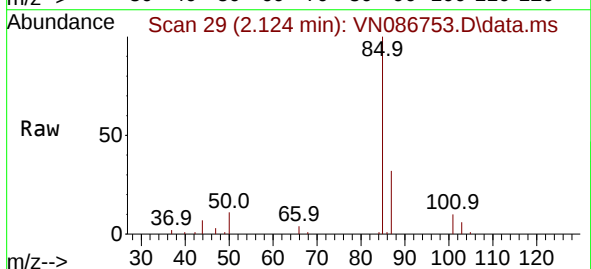
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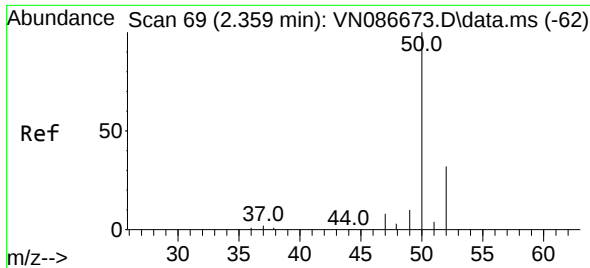
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#2
Dichlorodifluoromethane
Concen: 17.337 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

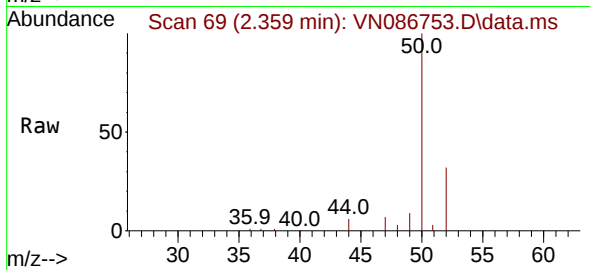
Tgt Ion: 85 Resp: 52793
Ion Ratio Lower Upper
85 100
87 32.1 15.9 47.6





#3
Chloromethane
Concen: 14.534 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

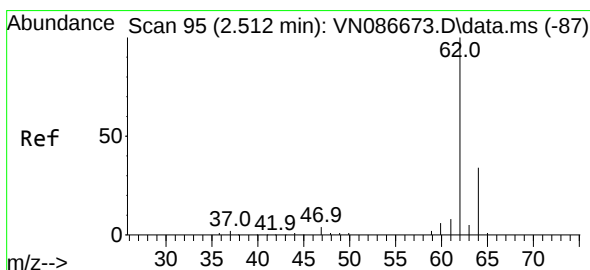
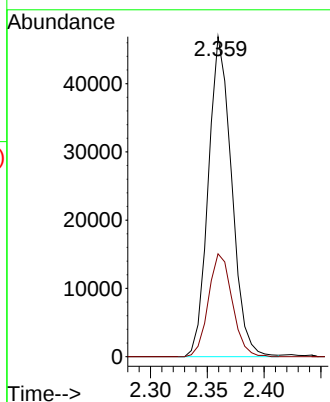
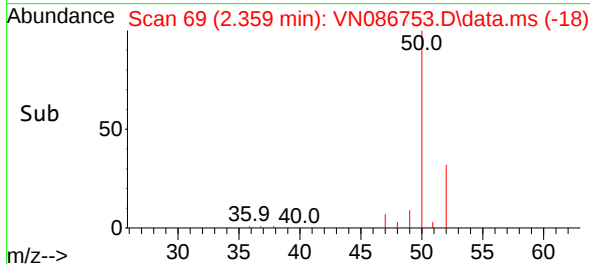
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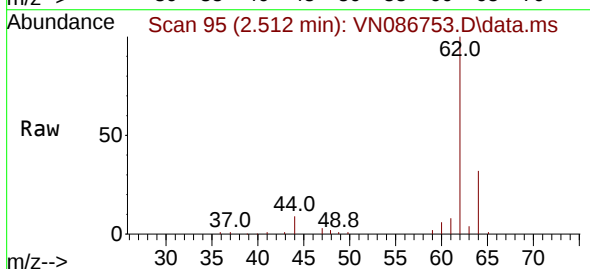
Tgt Ion: 50 Resp: 66938
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9

Manual Integrations
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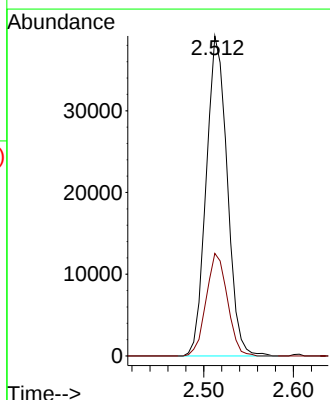
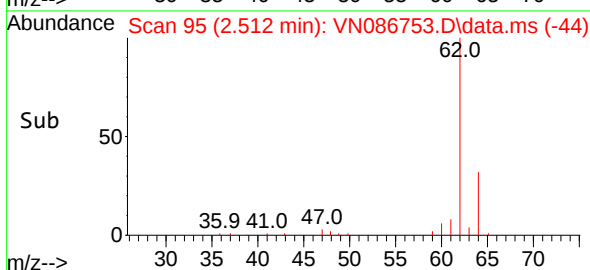
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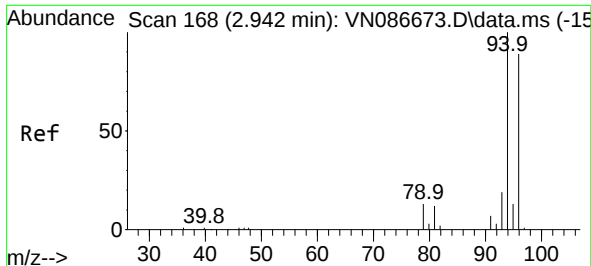


#4
Vinyl Chloride
Concen: 15.395 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



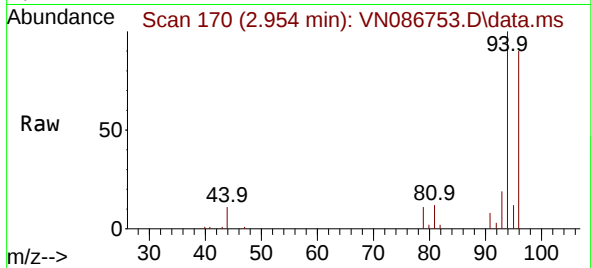
Tgt Ion: 62 Resp: 63678
Ion Ratio Lower Upper
62 100
64 32.0 26.9 40.3





#5
Bromomethane
Concen: 15.690 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

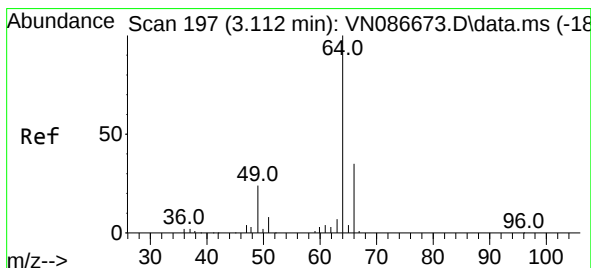
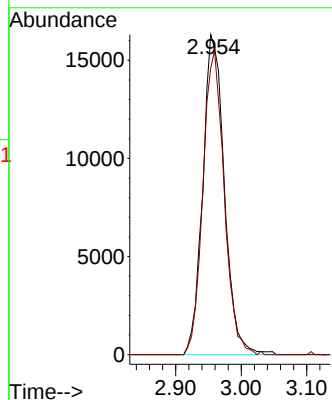
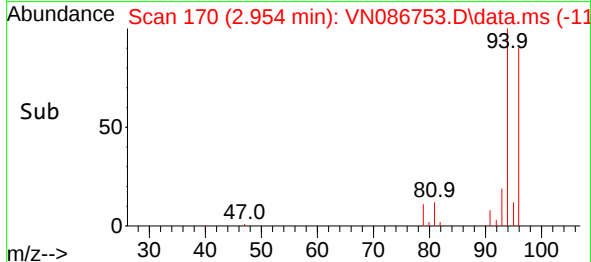
Instrument :
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Tgt Ion: 94 Resp: 3741
Ion Ratio Lower Upper
94 100
96 89.7 71.2 106.8

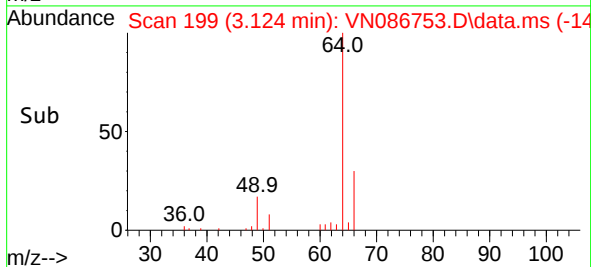
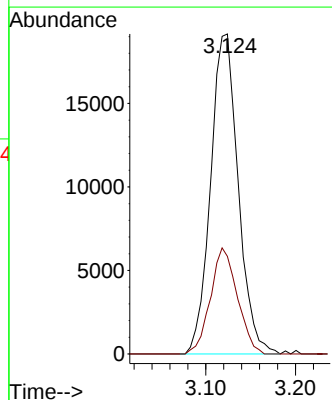
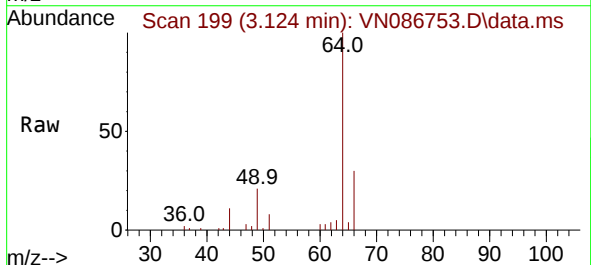
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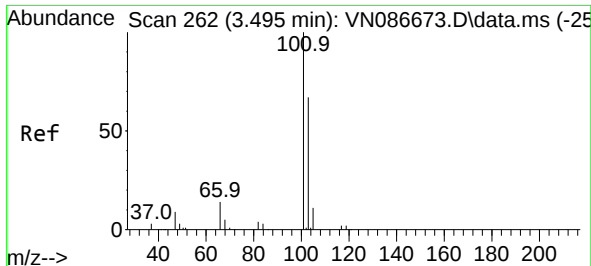
Reviewed By :John Carlone 05/23/2025
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#6
Chloroethane
Concen: 15.122 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

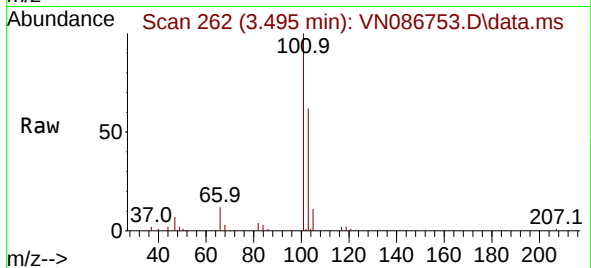
Tgt Ion: 64 Resp: 40975
Ion Ratio Lower Upper
64 100
66 30.5 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 16.928 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43

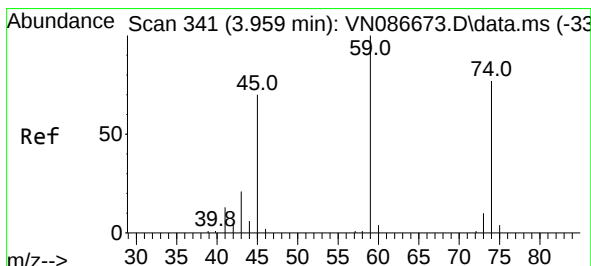
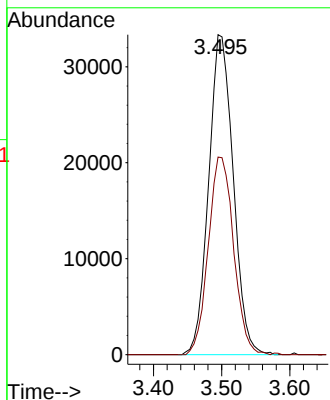
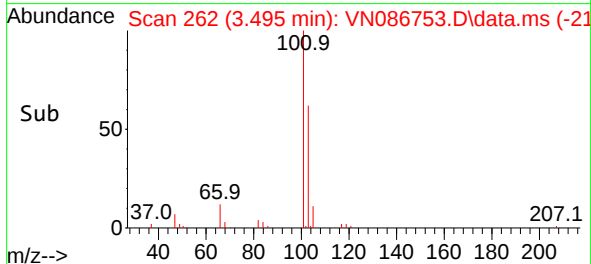
Instrument :
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Tgt Ion:101 Resp: 83679
 Ion Ratio Lower Upper
 101 100
 103 61.7 53.4 80.0

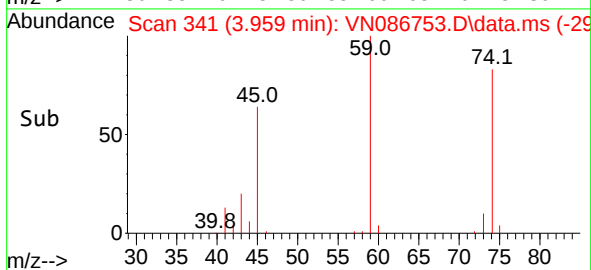
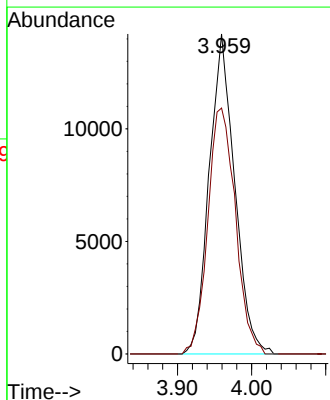
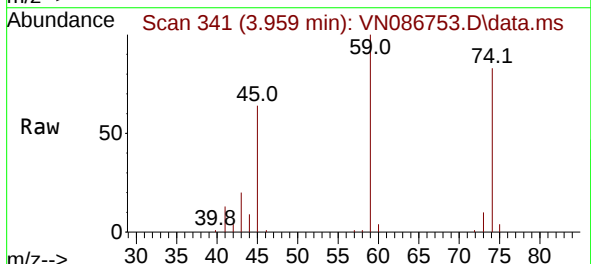
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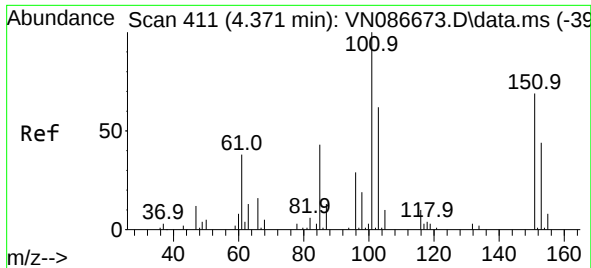
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#8
 Diethyl Ether
 Concen: 16.571 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086753.D
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Tgt Ion: 74 Resp: 33839
 Ion Ratio Lower Upper
 74 100
 45 83.4 45.0 135.0





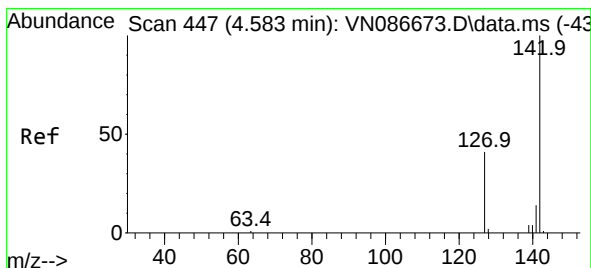
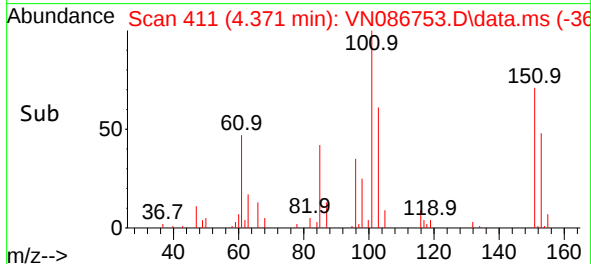
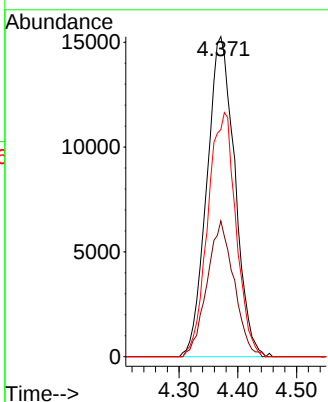
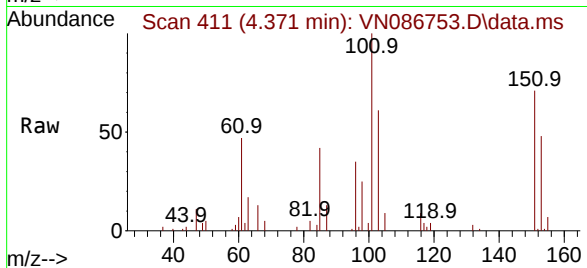
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.051 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion:101 Resp: 50459
Ion Ratio Lower Upper
101 100
85 40.8 35.0 52.6
151 76.8 58.1 87.1

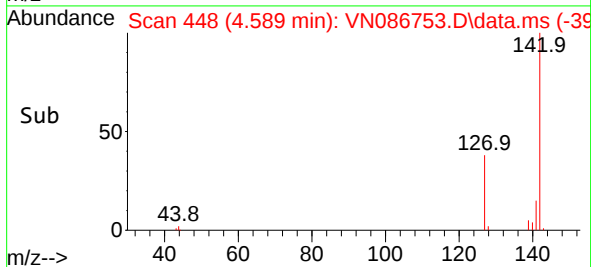
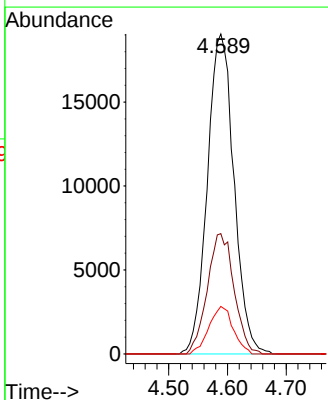
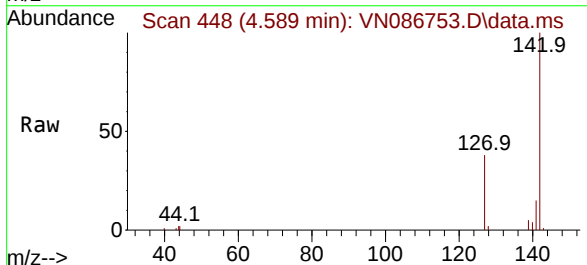
Manual Integrations
APPROVED

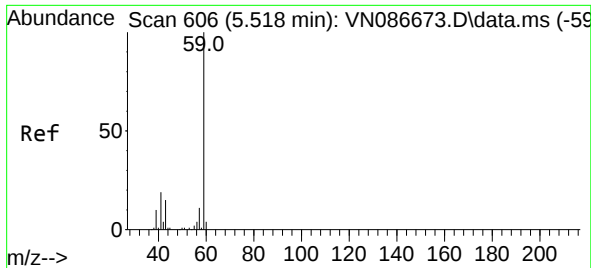
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#10
Methyl Iodide
Concen: 16.236 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

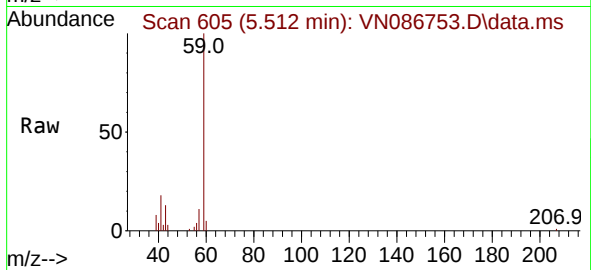
Tgt Ion:142 Resp: 59765
Ion Ratio Lower Upper
142 100
127 37.6 32.4 48.6
141 14.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 77.493 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

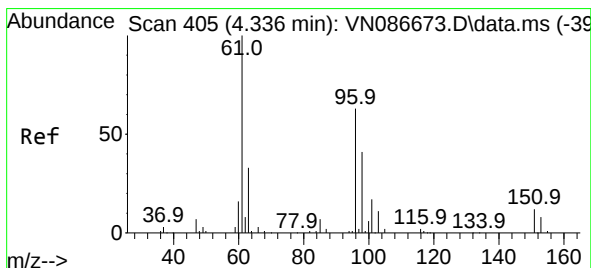
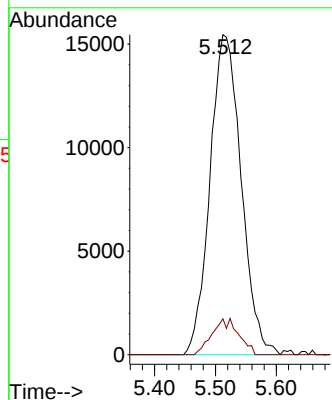
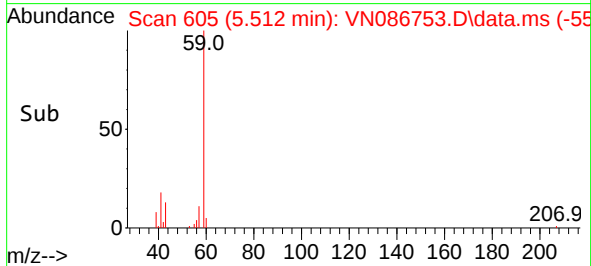
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



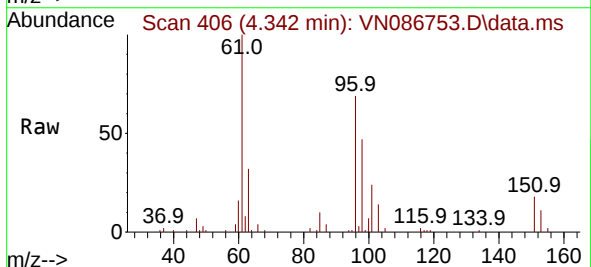
Tgt Ion: 59 Resp: 54990
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2

Manual Integrations
APPROVED

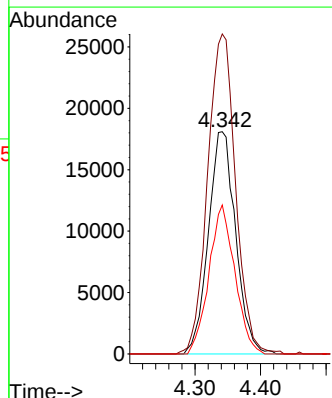
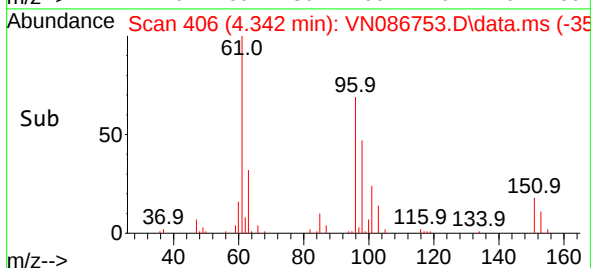
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#12
1,1-Dichloroethene
Concen: 16.616 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



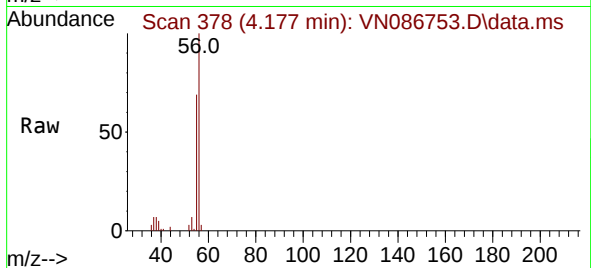
Tgt Ion: 96 Resp: 52258
Ion Ratio Lower Upper
96 100
61 143.0 126.2 189.2
98 67.1 51.5 77.3





#13
Acrolein
Concen: 76.376 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

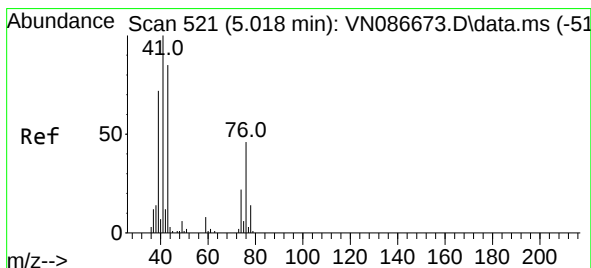
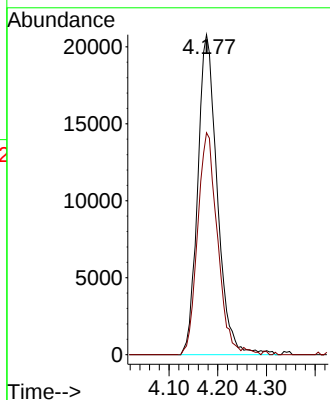
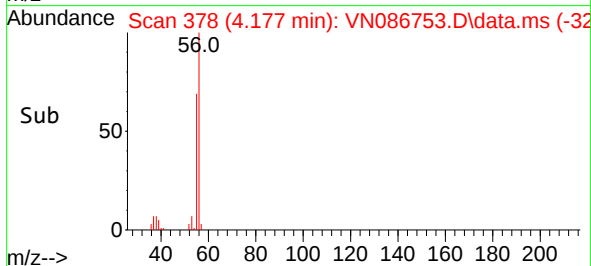
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



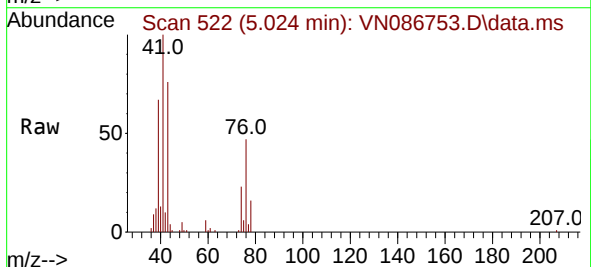
Tgt Ion: 56 Resp: 57938
Ion Ratio Lower Upper
56 100
55 69.8 55.7 83.5

Manual Integrations
APPROVED

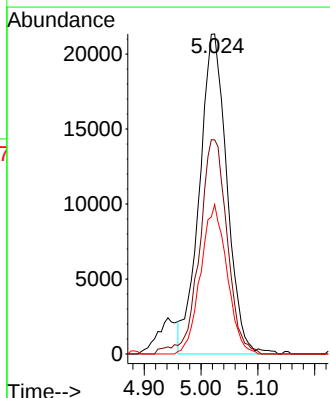
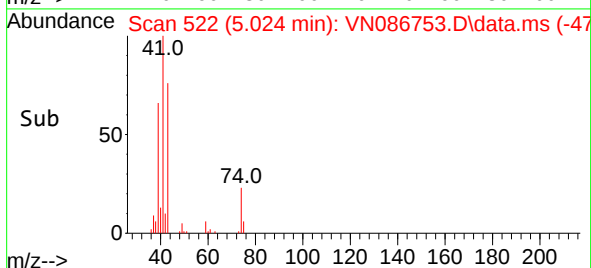
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

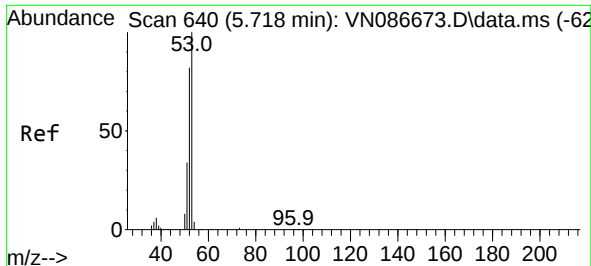


#14
Allyl chloride
Concen: 15.061 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



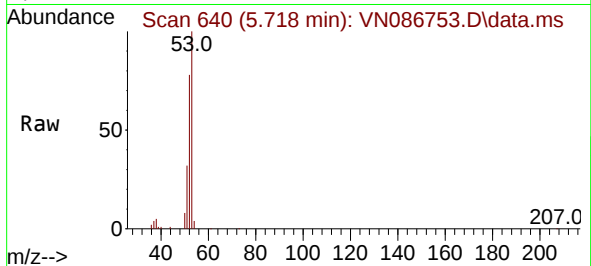
Tgt Ion: 41 Resp: 71696
Ion Ratio Lower Upper
41 100
39 67.4 57.4 86.0
76 44.6 33.2 49.8





#15
Acrylonitrile
Concen: 76.522 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

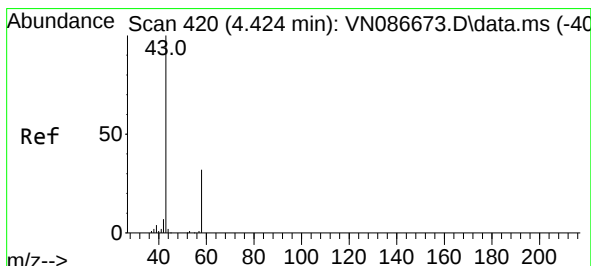
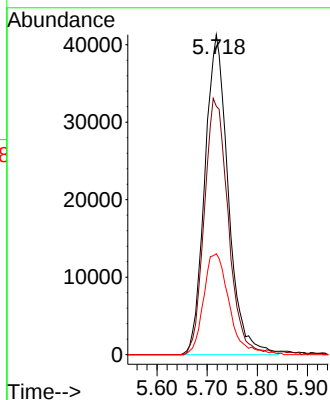
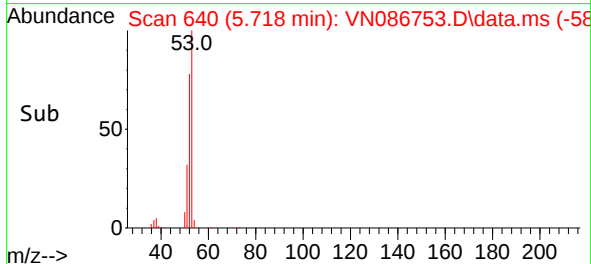
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 53 Resp: 13444
Ion Ratio Lower Upper
53 100
52 81.0 65.4 98.2
51 34.4 27.9 41.9

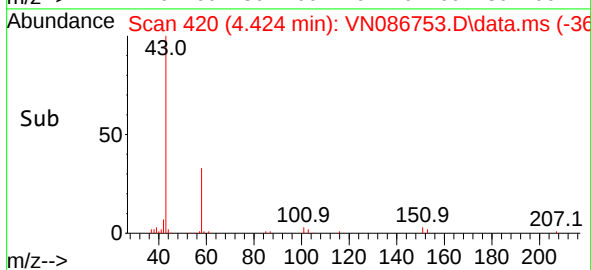
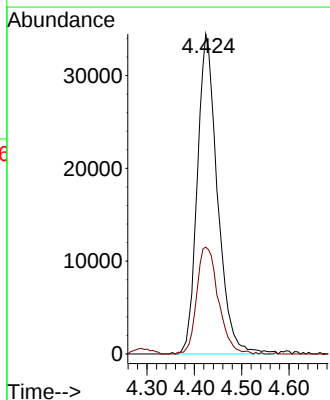
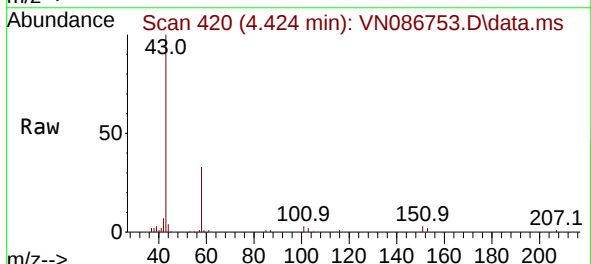
Manual Integrations
APPROVED

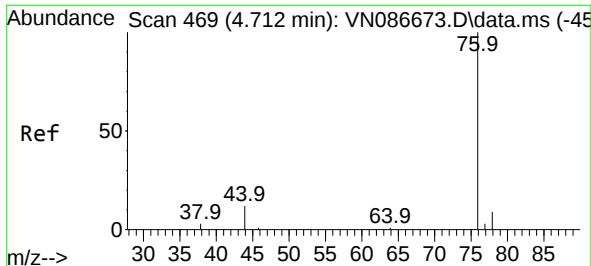
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#16
Acetone
Concen: 70.074 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

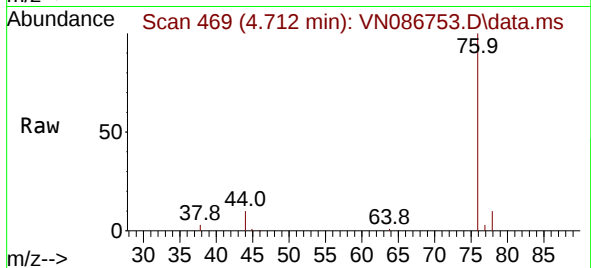
Tgt Ion: 43 Resp: 102131
Ion Ratio Lower Upper
43 100
58 33.4 25.8 38.6





#17
Carbon Disulfide
Concen: 15.438 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

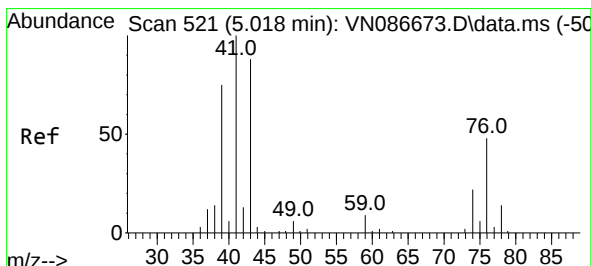
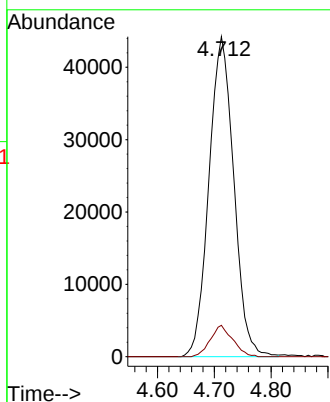
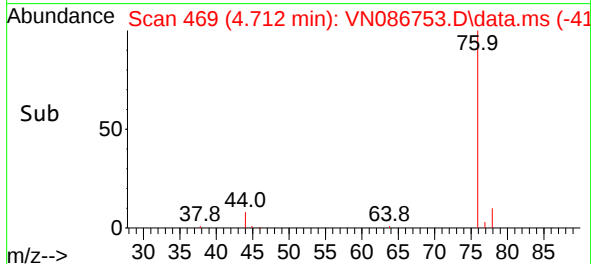
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 76 Resp: 134429
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9

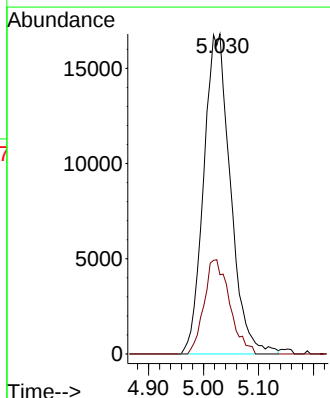
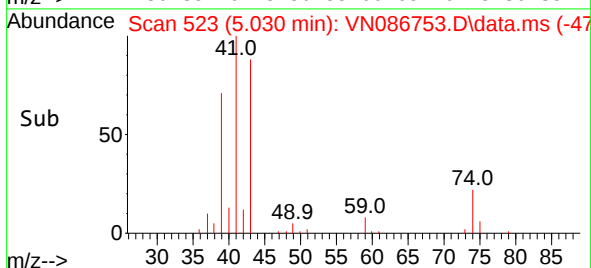
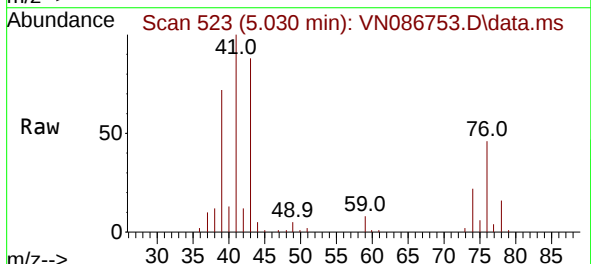
Manual Integrations
APPROVED

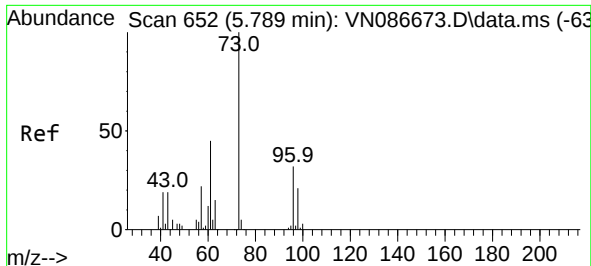
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#18
Methyl Acetate
Concen: 13.938 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

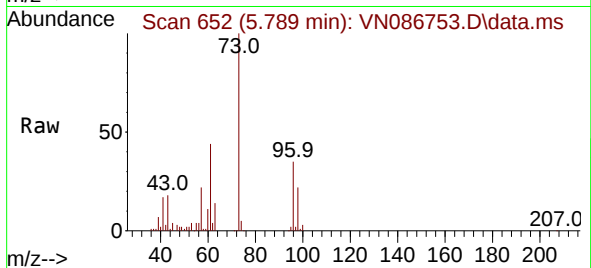
Tgt Ion: 43 Resp: 56855
Ion Ratio Lower Upper
43 100
74 28.1 20.5 30.7





#19
Methyl tert-butyl Ether
Concen: 16.455 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

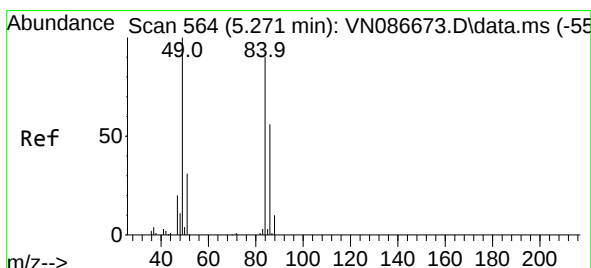
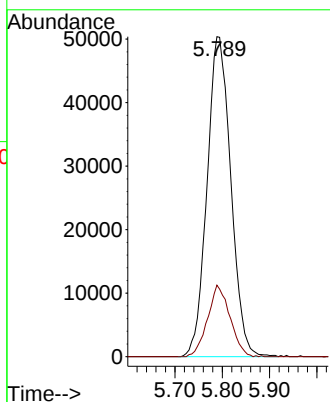
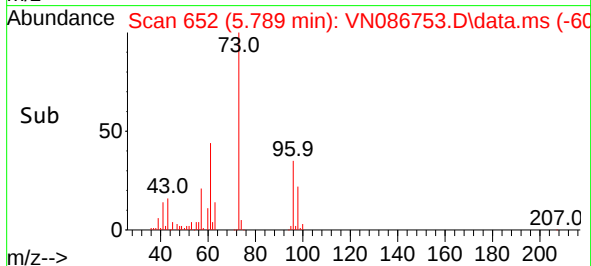
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



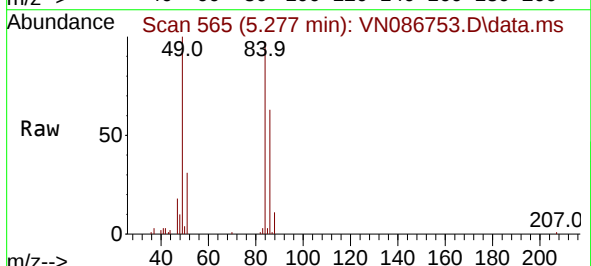
Tgt Ion: 73 Resp: 176200
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

Manual Integrations
APPROVED

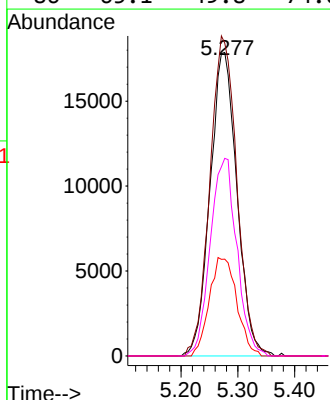
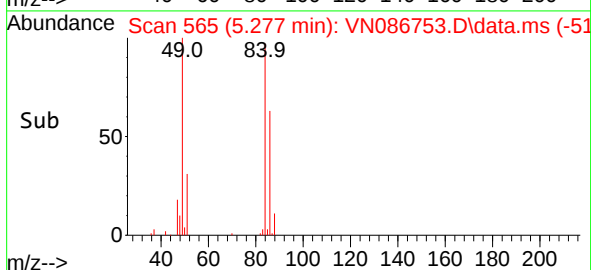
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

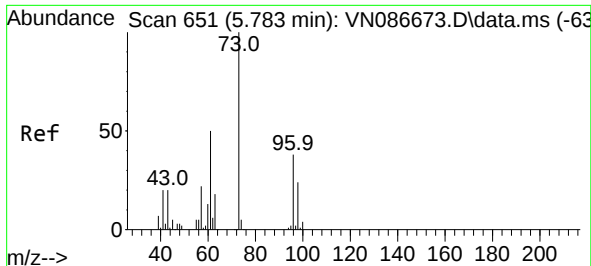


#20
Methylene Chloride
Concen: 15.277 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



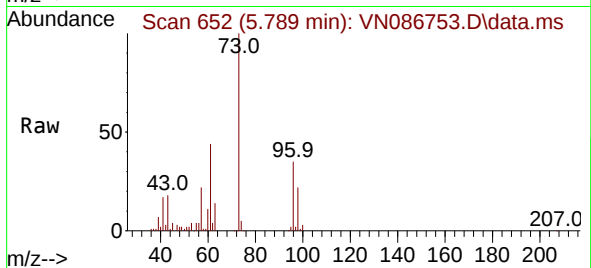
Tgt Ion: 84 Resp: 58755
Ion Ratio Lower Upper
84 100
49 103.0 88.8 133.2
51 31.9 27.8 41.6
86 65.1 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 16.335 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

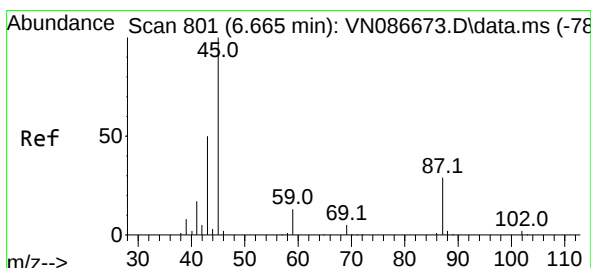
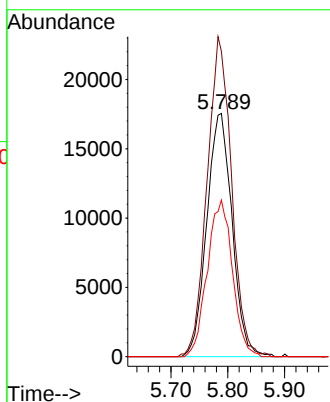
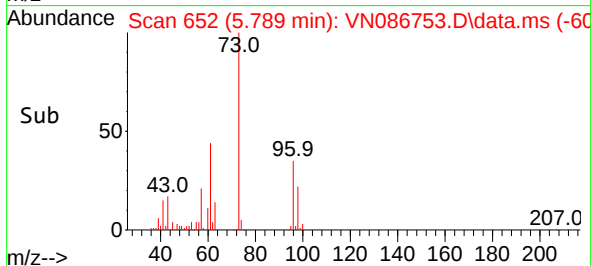
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 96 Resp: 5431
Ion Ratio Lower Upper
96 100
61 125.5 105.7 158.5
98 64.4 51.0 76.6

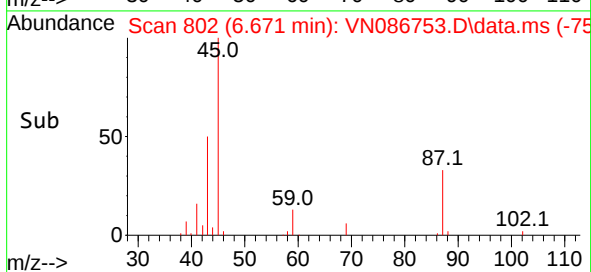
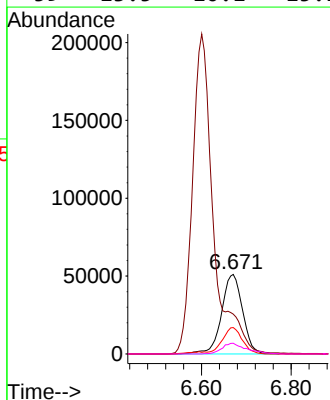
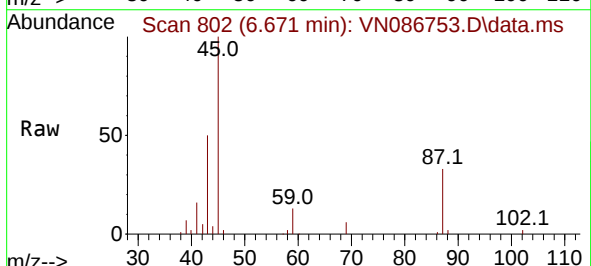
Manual Integrations
APPROVED

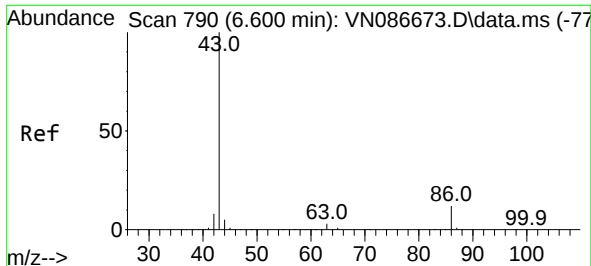
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#22
Diisopropyl ether
Concen: 15.482 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Tgt Ion: 45 Resp: 166266
Ion Ratio Lower Upper
45 100
43 48.5 41.4 62.2
87 33.1 22.9 34.3
59 13.5 10.1 15.1





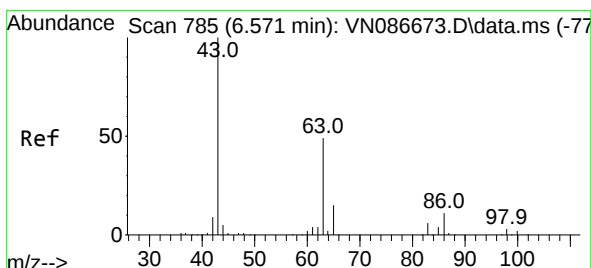
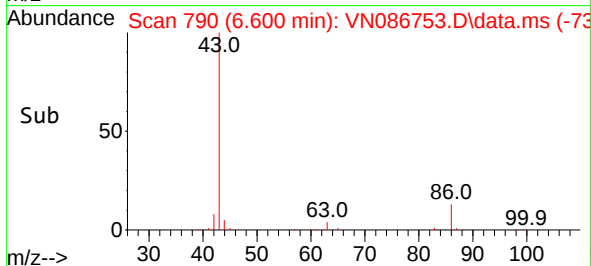
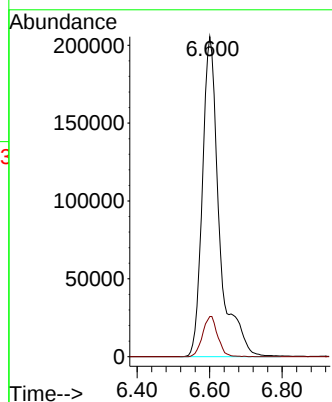
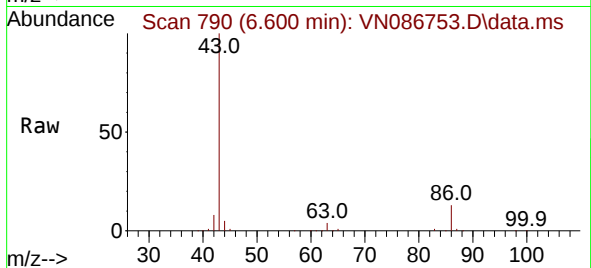
#23
 Vinyl Acetate
 Concen: 82.289 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBS01

Tgt Ion: 43 Resp: 66417
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.5 14.3

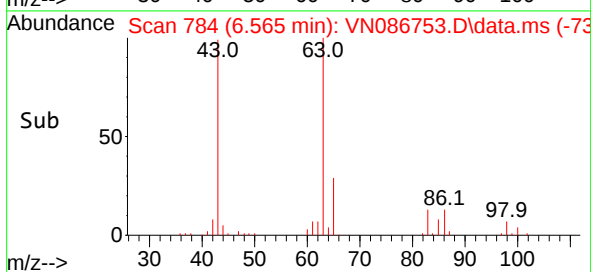
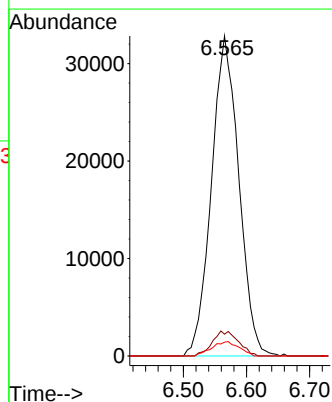
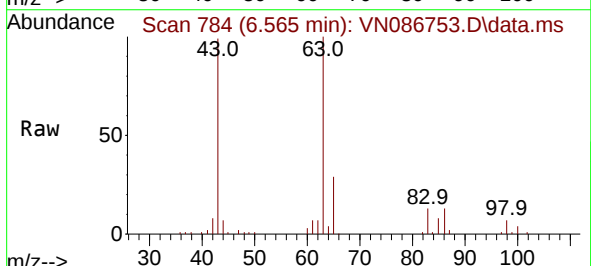
Manual Integrations
 APPROVED

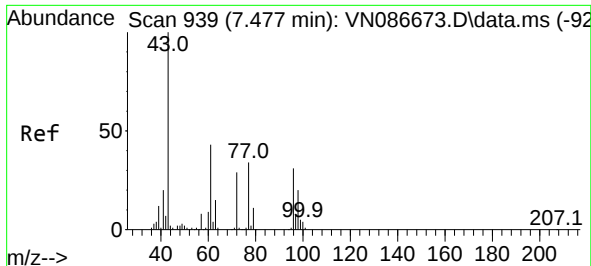
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#24
 1,1-Dichloroethane
 Concen: 15.676 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43

Tgt Ion: 63 Resp: 98841
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.3 2.4 7.1





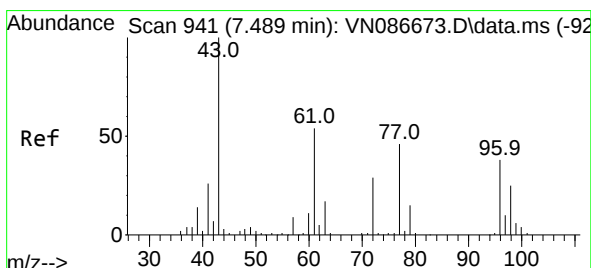
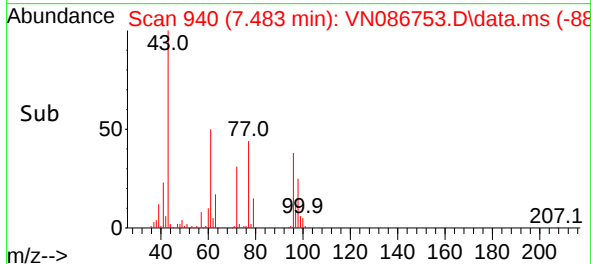
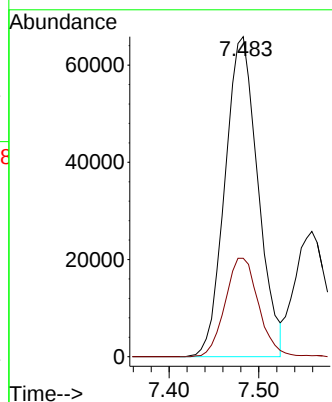
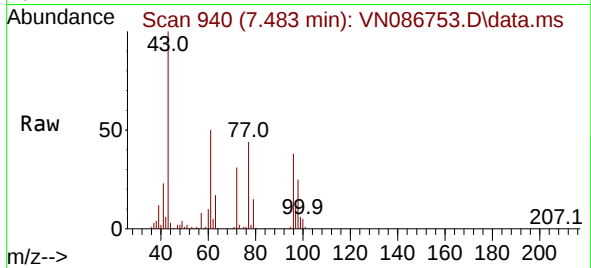
#25
2-Butanone
Concen: 74.610 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion: 43 Resp: 16803
Ion Ratio Lower Upper
43 100
72 30.8 23.1 34.7

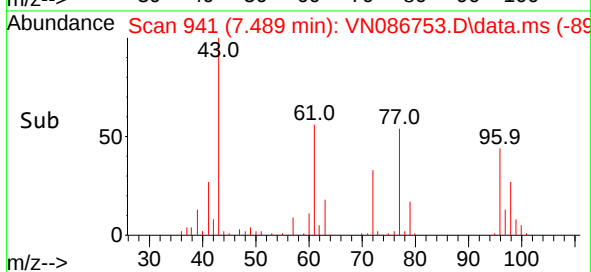
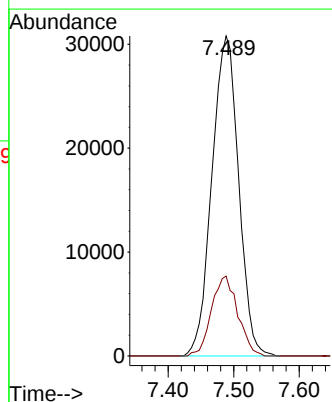
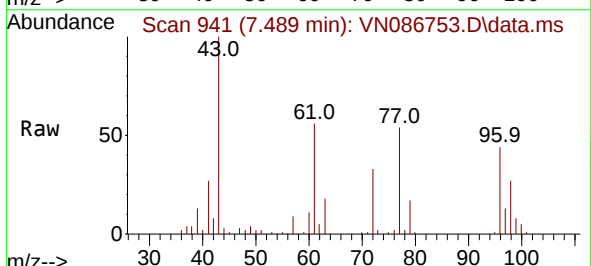
Manual Integrations
APPROVED

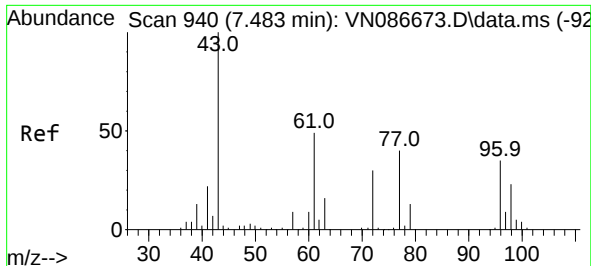
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#26
2,2-Dichloropropane
Concen: 16.719 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

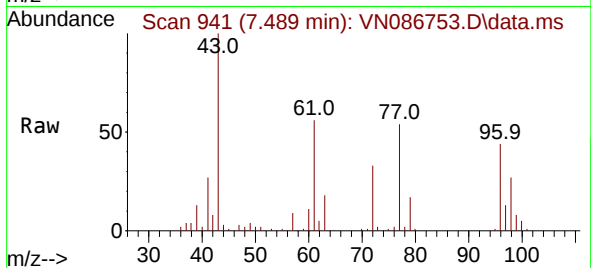
Tgt Ion: 77 Resp: 86997
Ion Ratio Lower Upper
77 100
97 24.6 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 16.391 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43

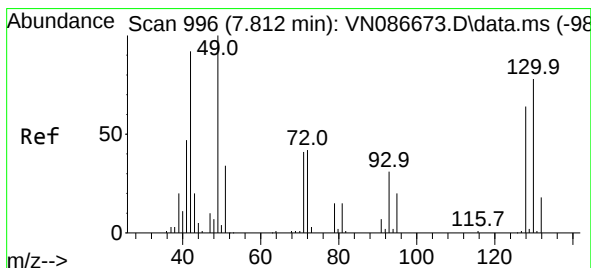
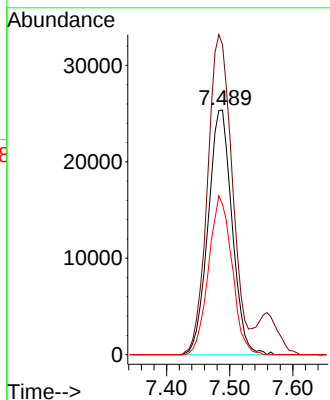
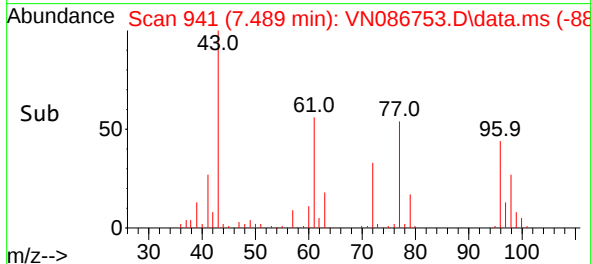
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBS01



Tgt Ion: 96 Resp: 6689
 Ion Ratio Lower Upper
 96 100
 61 135.3 0.0 277.4
 98 63.3 0.0 129.6

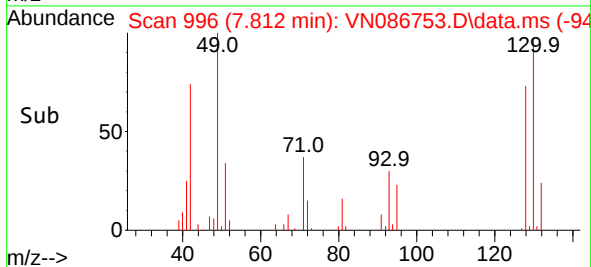
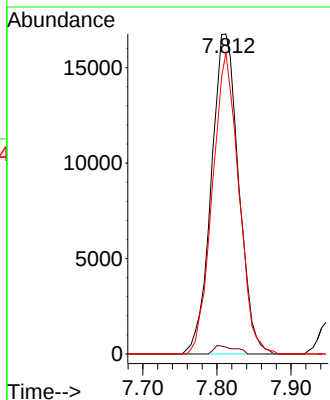
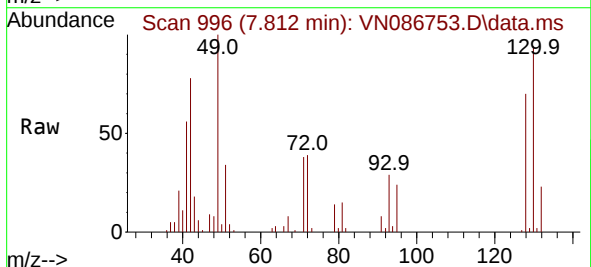
Manual Integrations
 APPROVED

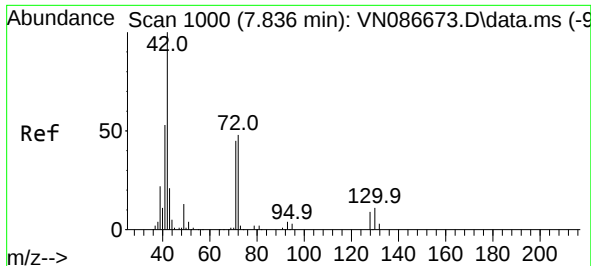
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#28
 Bromochloromethane
 Concen: 15.025 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43

Tgt Ion: 49 Resp: 43042
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 90.4 62.2 93.4





#29

Tetrahydrofuran

Concen: 71.649 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086753.D

Acq: 22 May 2025 09:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBS01

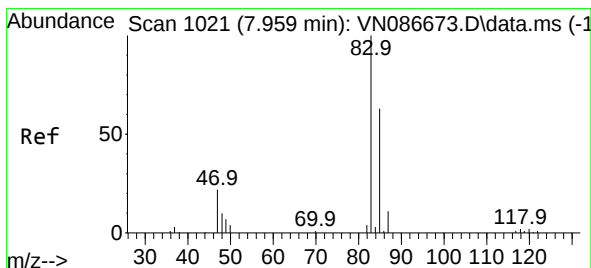
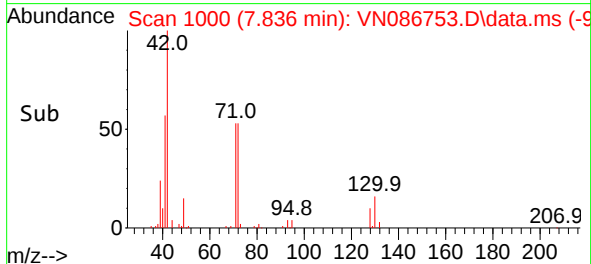
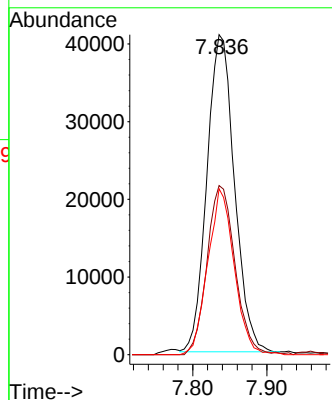
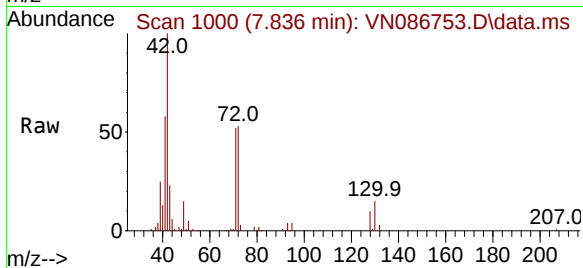
Tgt Ion:	42	Resp:	10532
Ion Ratio	Lower	Upper	
42	100		
72	54.4	38.7	58.1
71	50.2	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#30

Chloroform

Concen: 15.841 ug/l

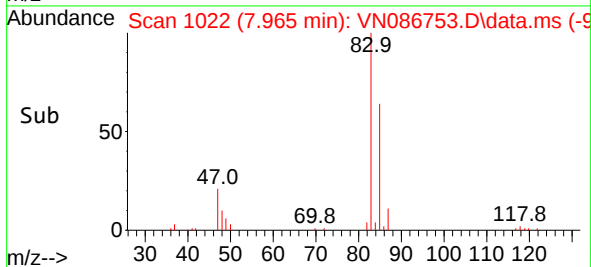
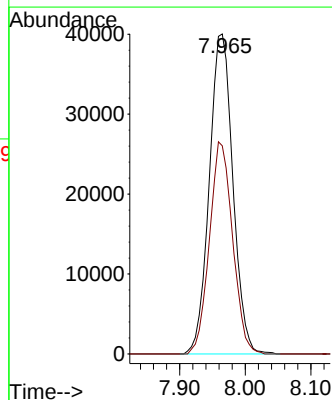
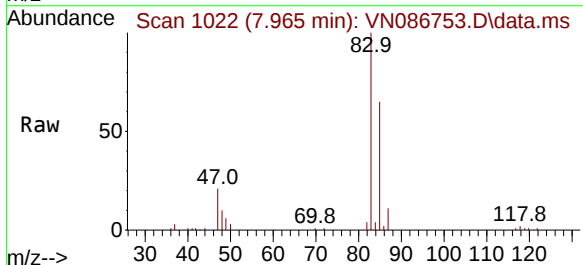
RT: 7.965 min Scan# 1022

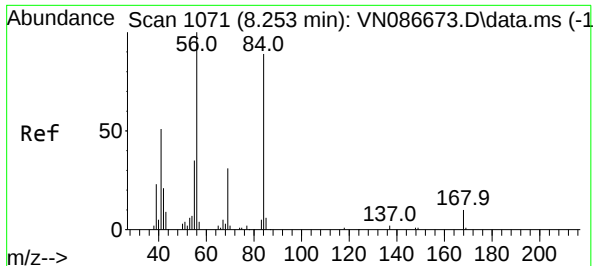
Delta R.T. 0.006 min

Lab File: VN086753.D

Acq: 22 May 2025 09:43

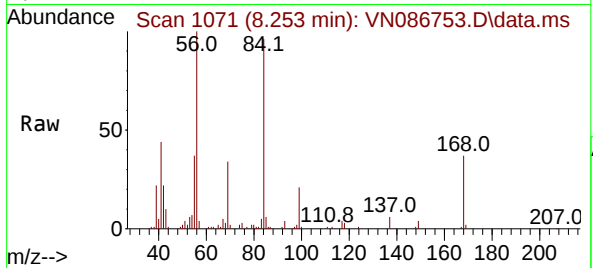
Tgt Ion:	83	Resp:	99974
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.2	75.4





#31
Cyclohexane
Concen: 15.160 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

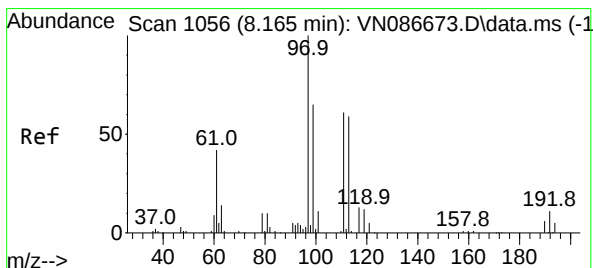
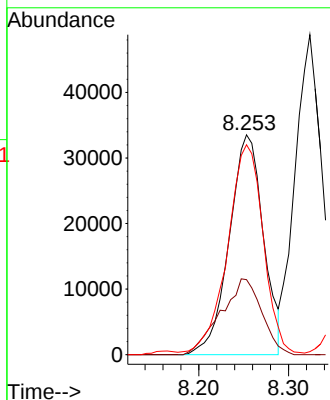
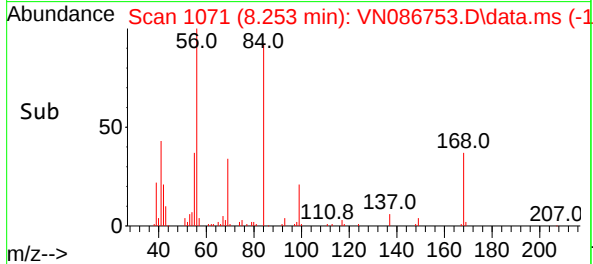
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 56 Resp: 8865
Ion Ratio Lower Upper
56 100
69 34.2 25.0 37.6
84 94.4 71.0 106.4

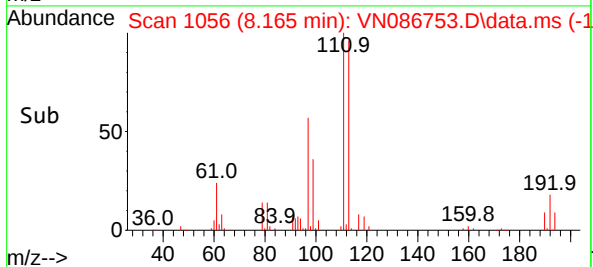
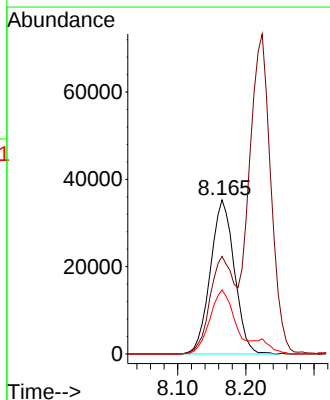
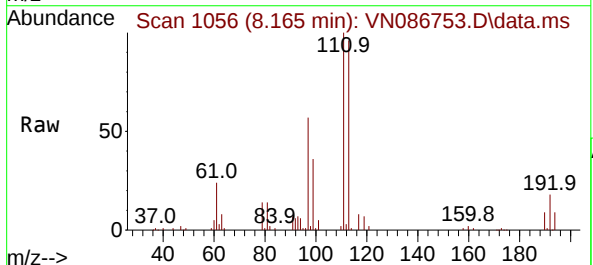
Manual Integrations
APPROVED

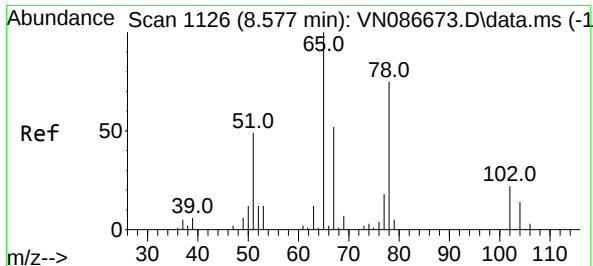
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#32
1,1,1-Trichloroethane
Concen: 16.238 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Tgt Ion: 97 Resp: 86403
Ion Ratio Lower Upper
97 100
99 65.3 52.6 79.0
61 43.4 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 42.145 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086753.D

Acq: 22 May 2025 09:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBS01

Tgt Ion: 65 Resp: 164210

Ion Ratio Lower Upper

65 100

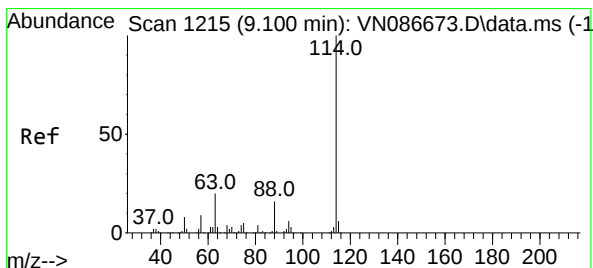
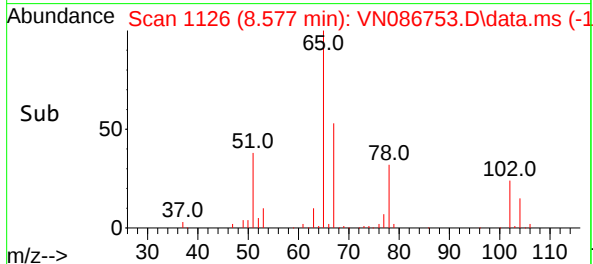
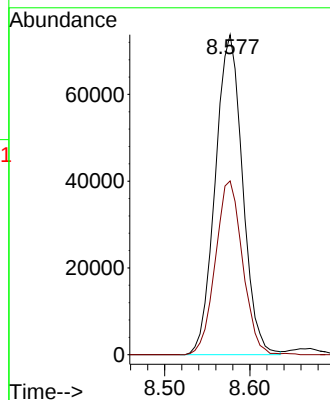
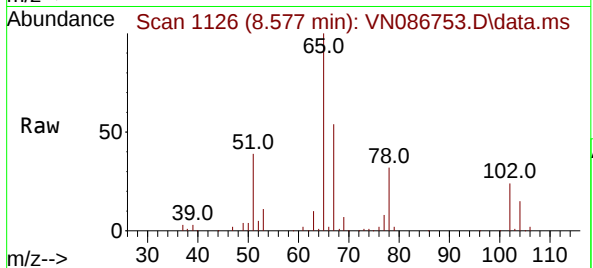
67 54.2 0.0 106.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086753.D

Acq: 22 May 2025 09:43

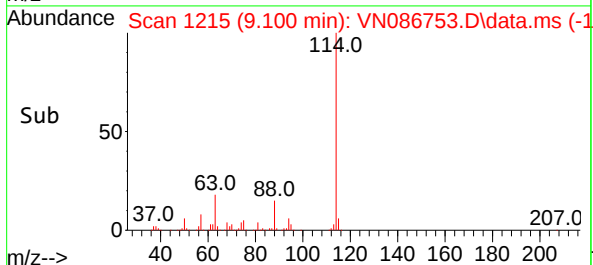
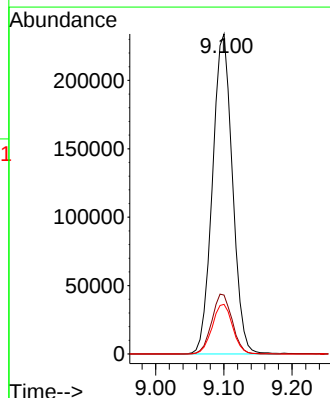
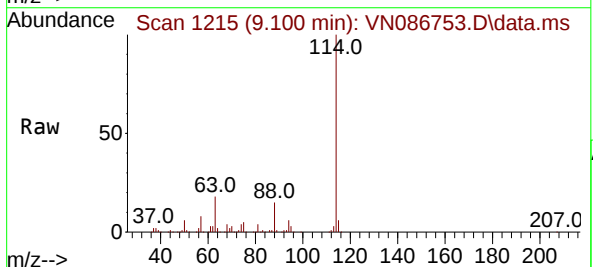
Tgt Ion:114 Resp: 476790

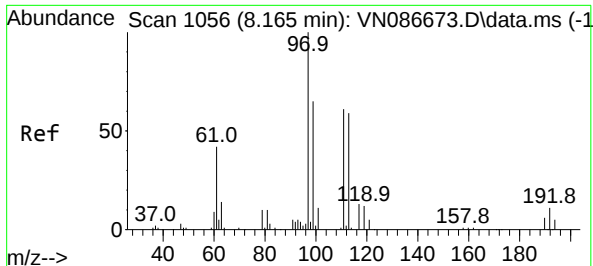
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.2

88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.842 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086753.D

Acq: 22 May 2025 09:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBS01

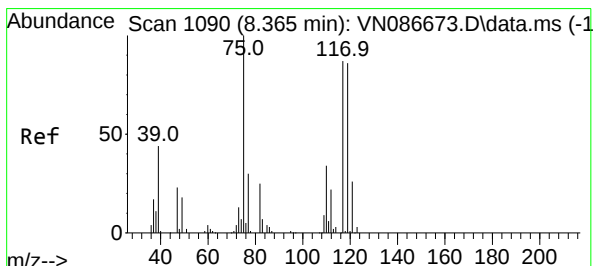
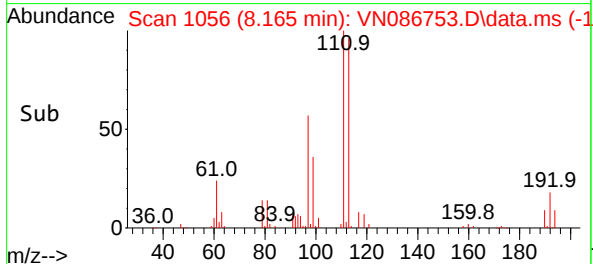
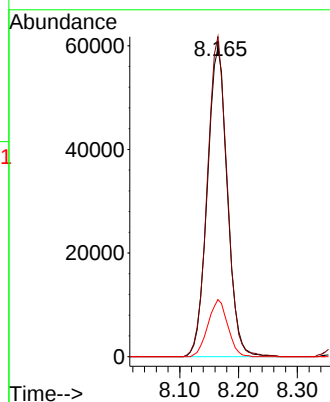
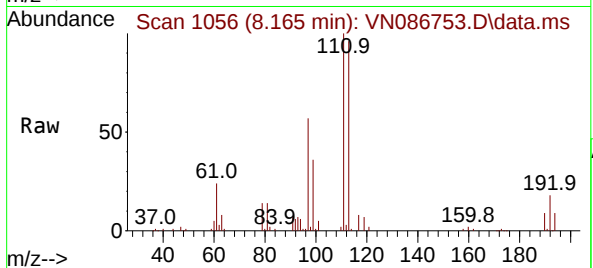
Tgt Ion:	113	Resp:	141520
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.2
192	18.2	13.8	20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#36

1,1-Dichloropropene

Concen: 17.257 ug/l

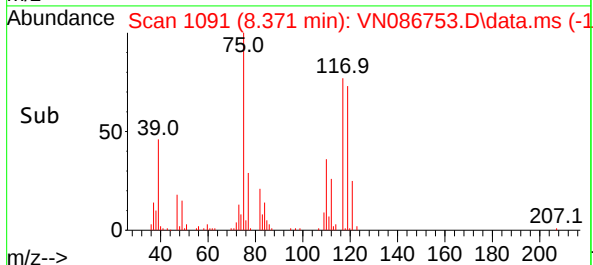
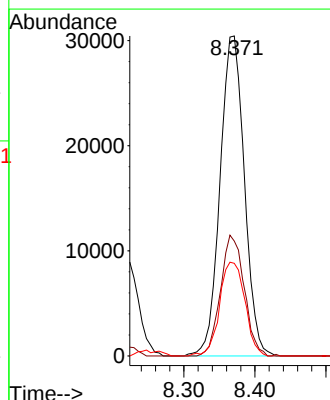
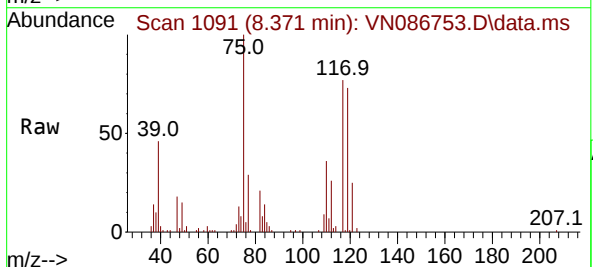
RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086753.D

Acq: 22 May 2025 09:43

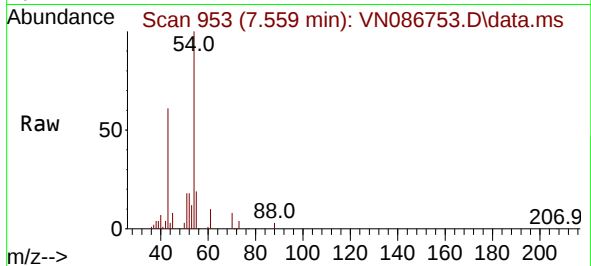
Tgt Ion:	75	Resp:	72279
Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.5	52.5
77	30.5	25.1	37.7





#37
Ethyl Acetate
Concen: 15.657 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

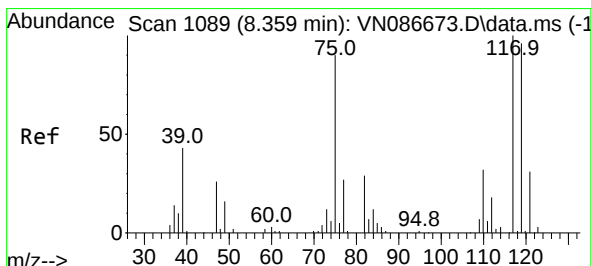
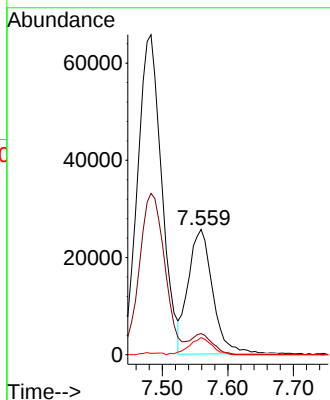
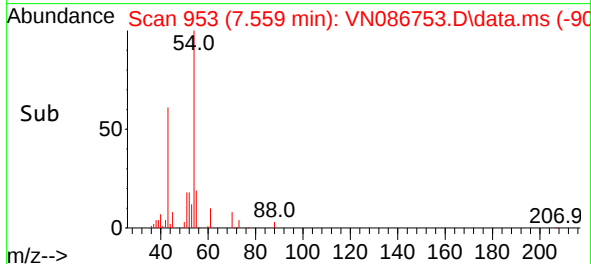
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 43 Resp: 6624
Ion Ratio Lower Upper
43 100
61 14.9 11.6 17.4
70 12.7 9.4 14.0

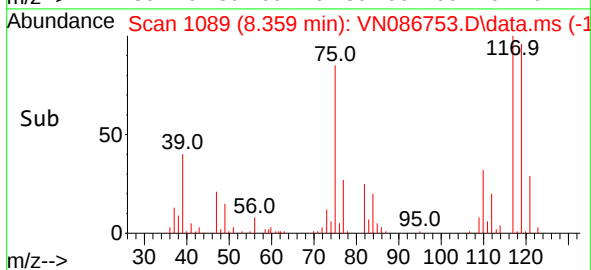
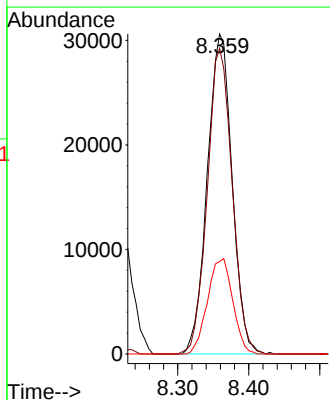
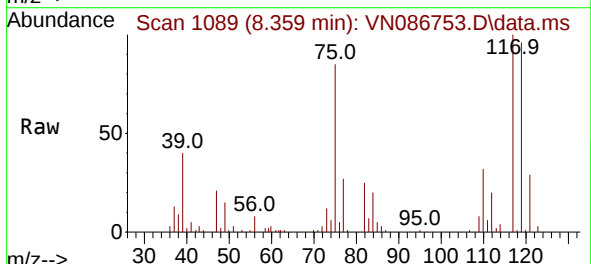
Manual Integrations
APPROVED

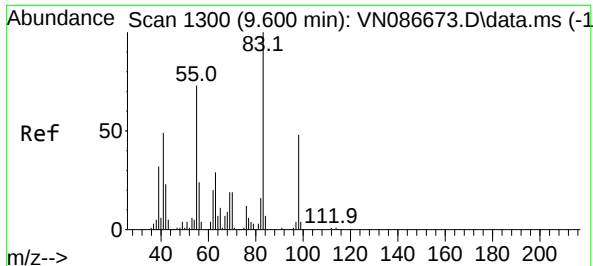
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#38
Carbon Tetrachloride
Concen: 18.012 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Tgt Ion:117 Resp: 74331
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.6
121 28.9 25.0 37.6





#39

Methylcyclohexane

Concen: 17.821 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN086753.D

Acq: 22 May 2025 09:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBS01

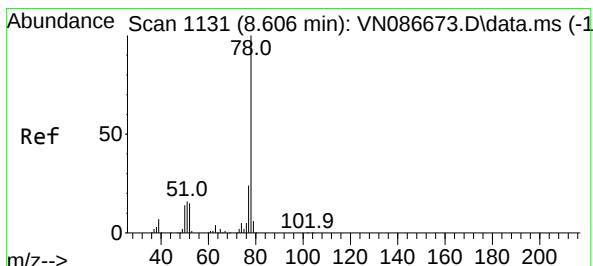
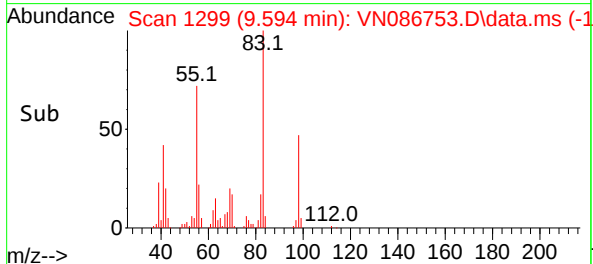
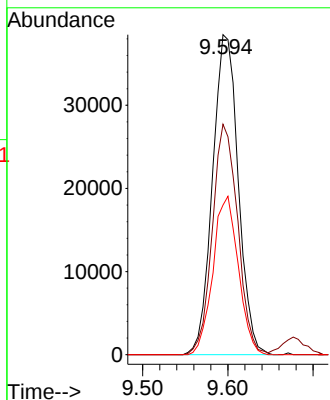
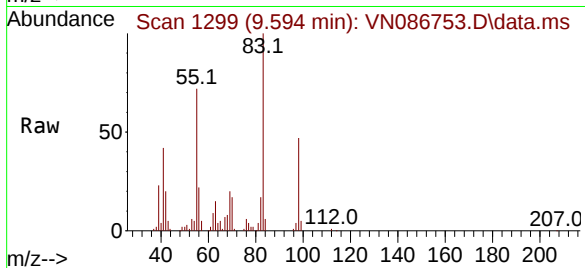
Tgt Ion:	83	Resp:	8078
Ion Ratio	Lower	Upper	
83	100		
55	72.0	58.2	87.4
98	46.8	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#40

Benzene

Concen: 17.308 ug/l

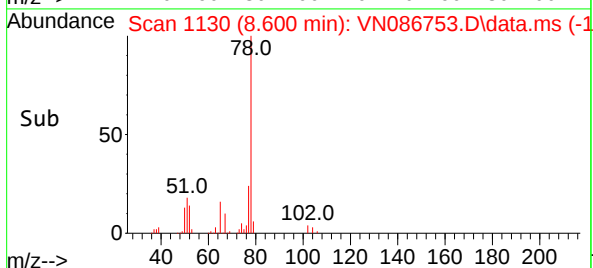
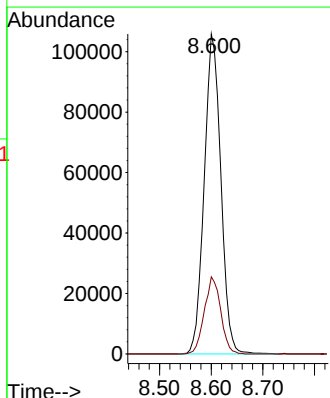
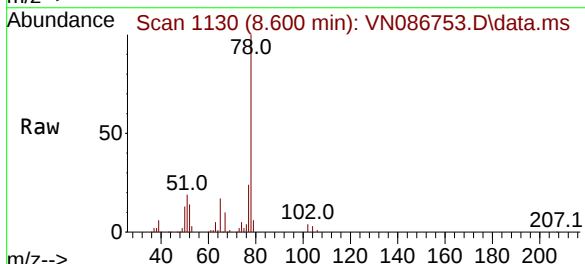
RT: 8.600 min Scan# 1130

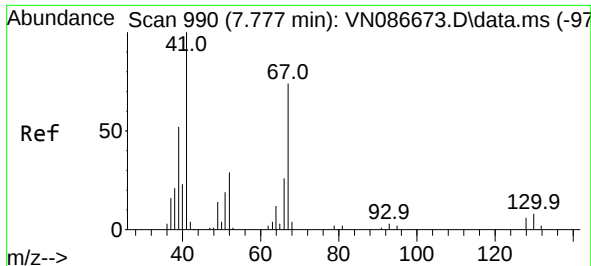
Delta R.T. -0.006 min

Lab File: VN086753.D

Acq: 22 May 2025 09:43

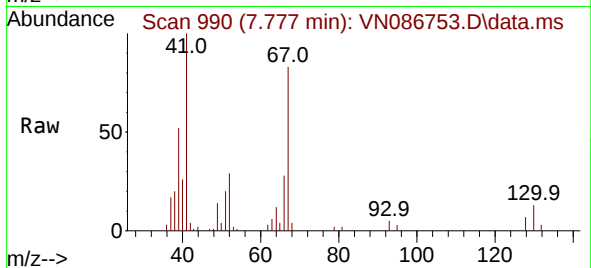
Tgt Ion:	78	Resp:	236475
Ion Ratio	Lower	Upper	
78	100		
77	24.1	19.1	28.7





#41
Methacrylonitrile
Concen: 15.741 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

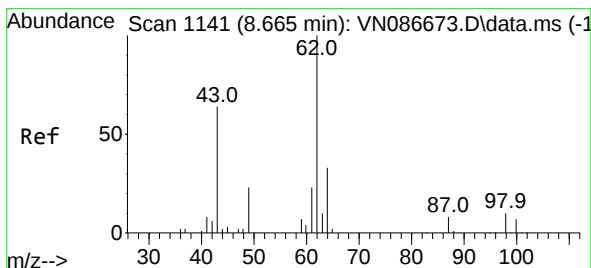
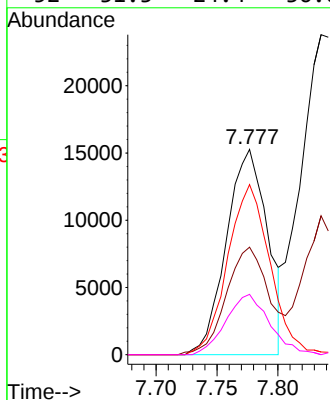
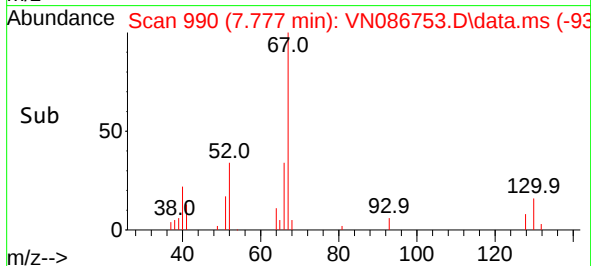
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion:	41	Resp:	3595
Ion Ratio	100	Lower	Upper
39	55.1	44.9	67.3
67	85.3	63.4	95.0
52	31.3	24.4	36.6

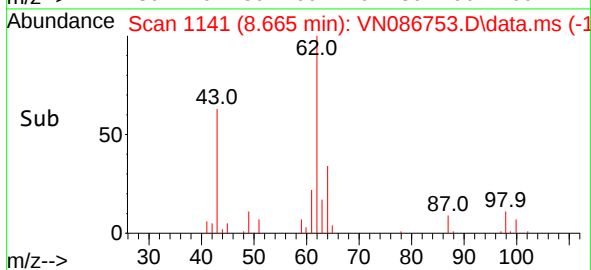
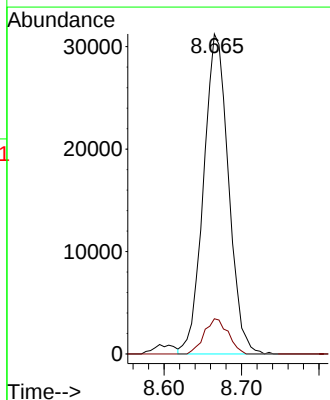
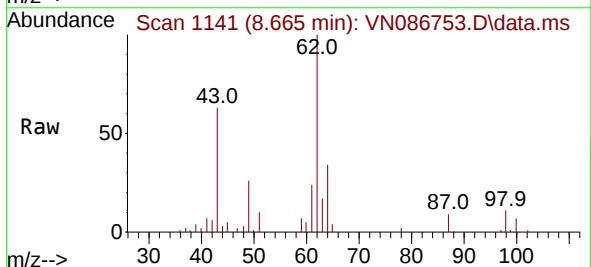
Manual Integrations
APPROVED

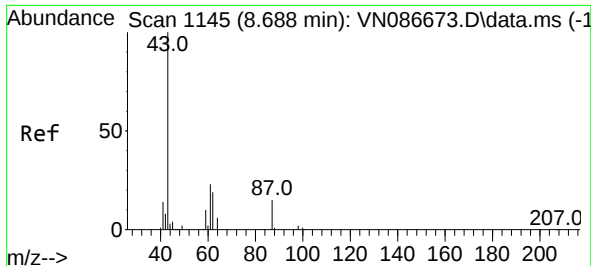
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#42
1,2-Dichloroethane
Concen: 16.402 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

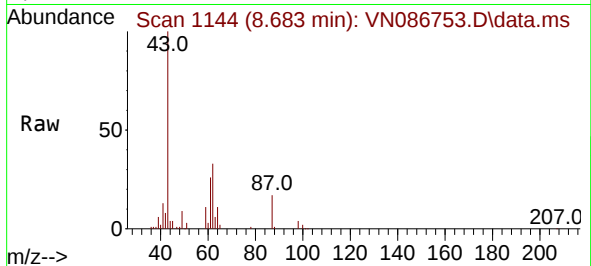
Tgt Ion:	62	Resp:	69818
Ion Ratio	100	Lower	Upper
98	10.5	0.0	19.2





#43
Isopropyl Acetate
Concen: 13.877 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

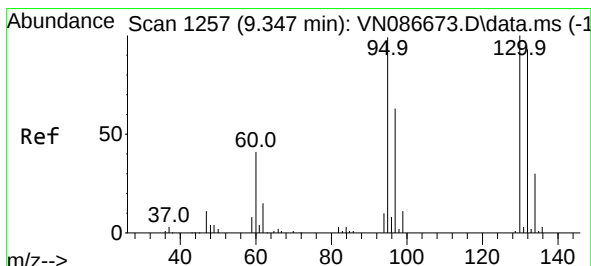
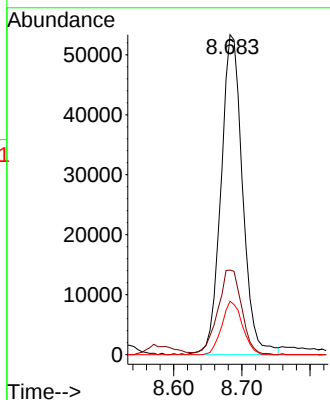
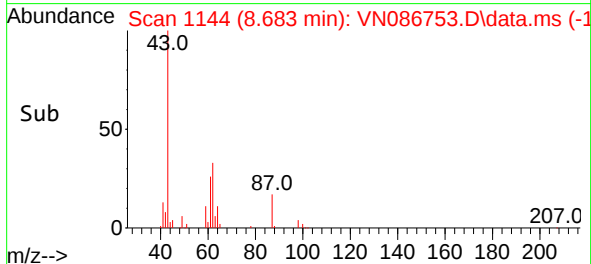
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 43 Resp: 117690
Ion Ratio Lower Upper
43 100
61 29.3 21.4 32.2
87 15.9 11.1 16.7

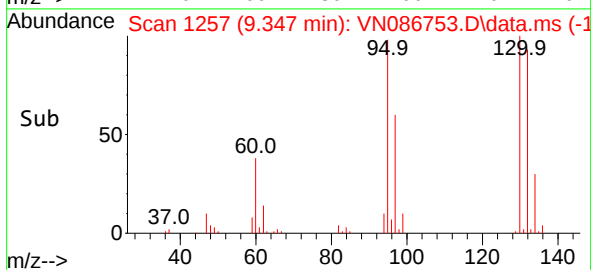
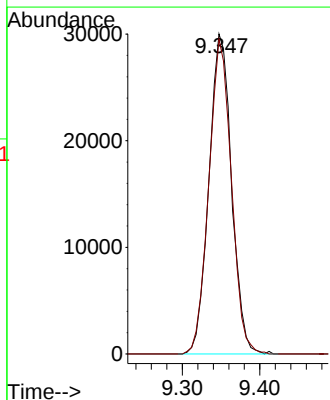
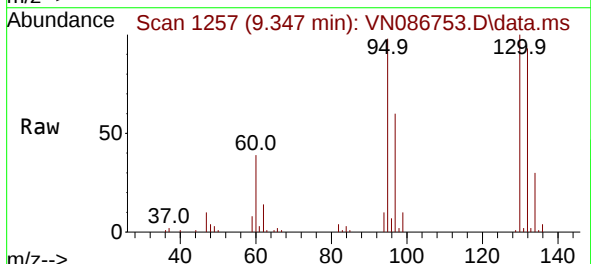
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 18.457 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Tgt Ion:130 Resp: 60825
Ion Ratio Lower Upper
130 100
95 98.3 0.0 197.0





#45

1,2-Dichloropropane

Concen: 16.926 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086753.D

Acq: 22 May 2025 09:43

Instrument :

MSVOA_N

ClientSampleId :

VN0522WBS01

Tgt Ion: 63 Resp: 54938

Ion Ratio Lower Upper

63 100

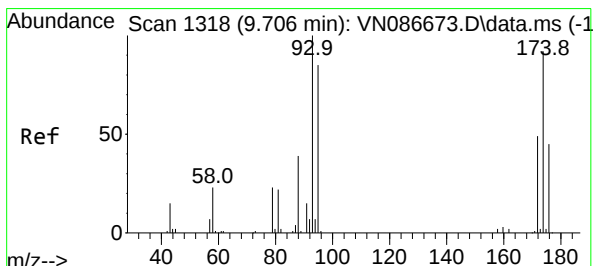
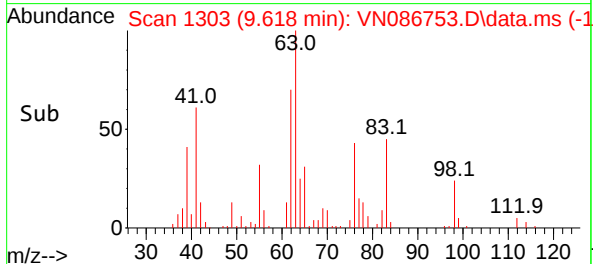
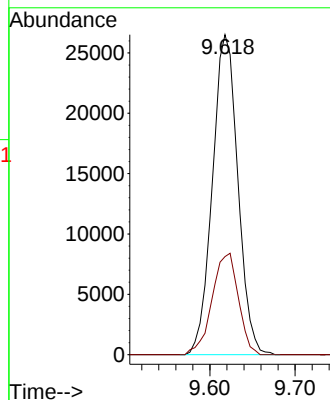
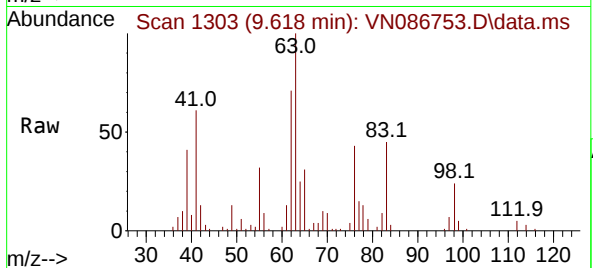
65 30.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/23/2025

Supervised By :Mahesh Dadoda 05/23/2025



#46

Dibromomethane

Concen: 17.393 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086753.D

Acq: 22 May 2025 09:43

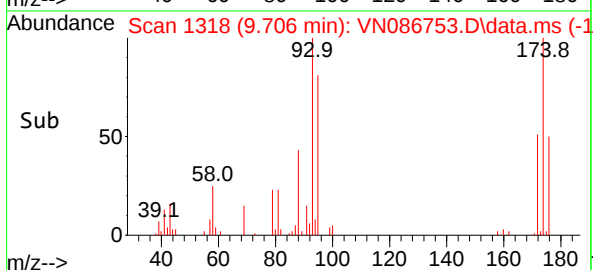
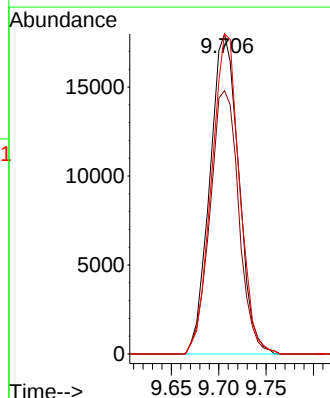
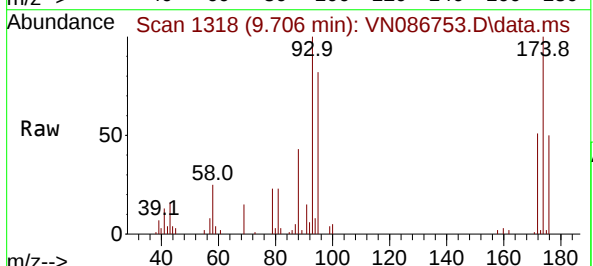
Tgt Ion: 93 Resp: 38093

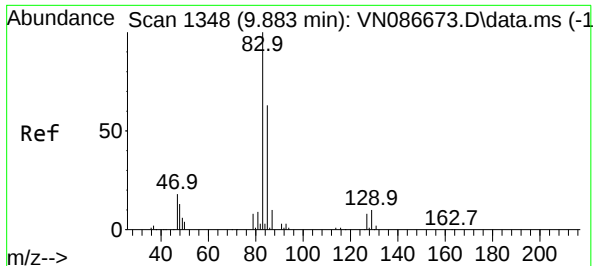
Ion Ratio Lower Upper

93 100

95 82.0 67.1 100.7

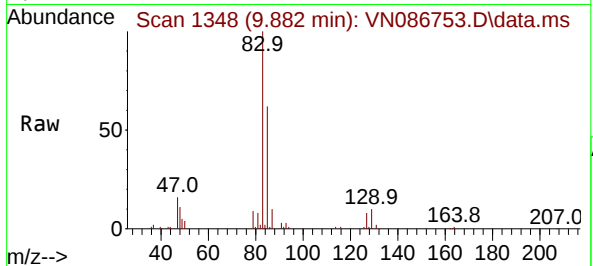
174 96.7 73.8 110.6





#47
Bromodichloromethane
Concen: 17.238 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

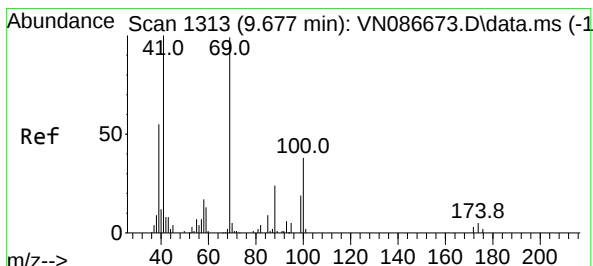
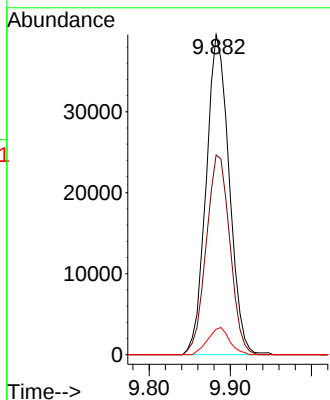
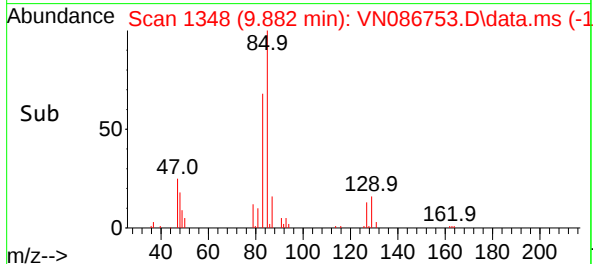
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



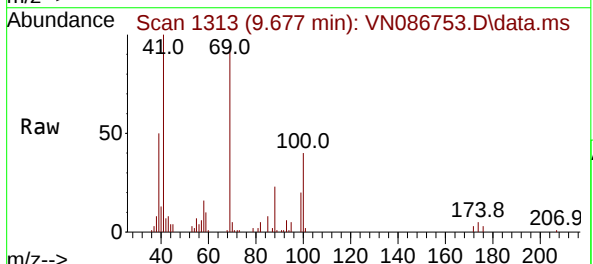
Tgt Ion: 83 Resp: 7778
Ion Ratio Lower Upper
83 100
85 62.4 50.1 75.1
127 8.0 6.2 9.4

Manual Integrations
APPROVED

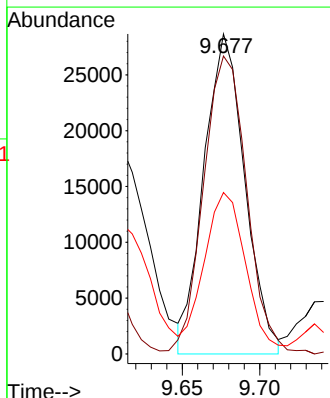
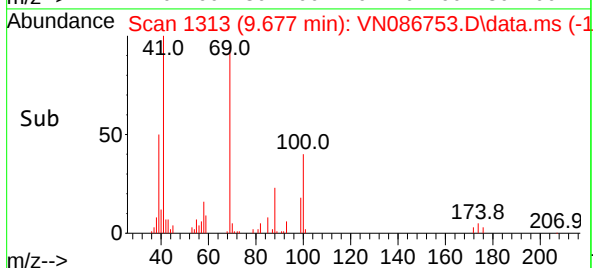
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

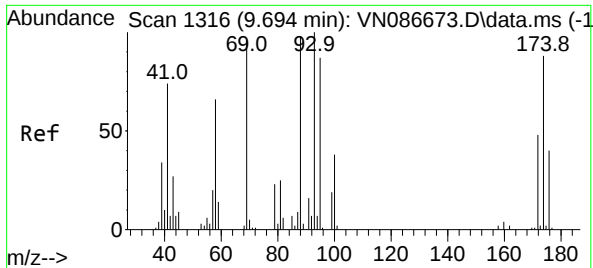


#48
Methyl methacrylate
Concen: 15.982 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



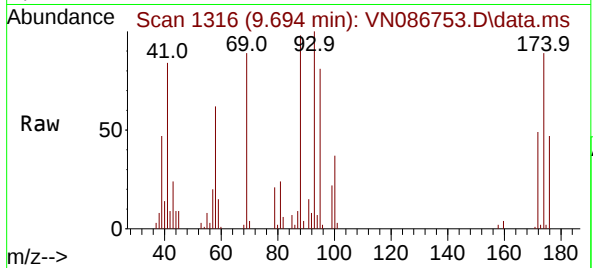
Tgt Ion: 41 Resp: 52526
Ion Ratio Lower Upper
41 100
69 98.7 74.1 111.1
39 52.4 44.1 66.1





#49
1,4-Dioxane
Concen: 376.214 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

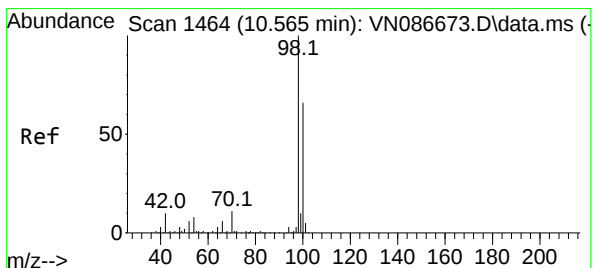
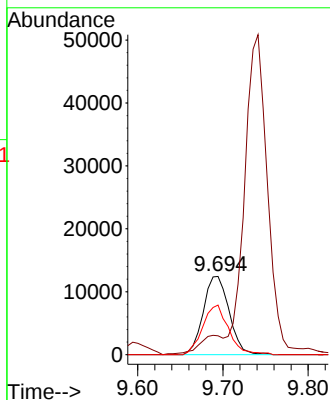
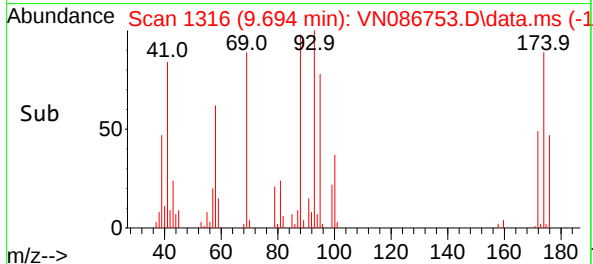
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 88 Resp: 2618
Ion Ratio Lower Upper
88 100
43 21.5 23.6 35.4
58 63.9 55.3 82.9

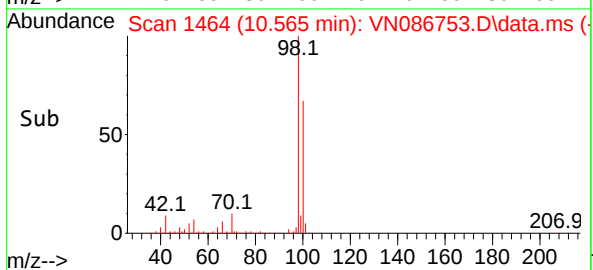
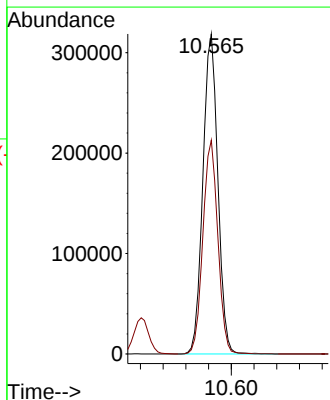
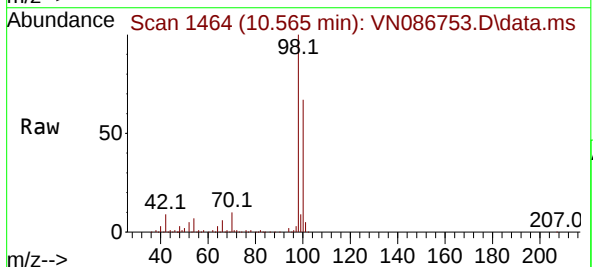
Manual Integrations
APPROVED

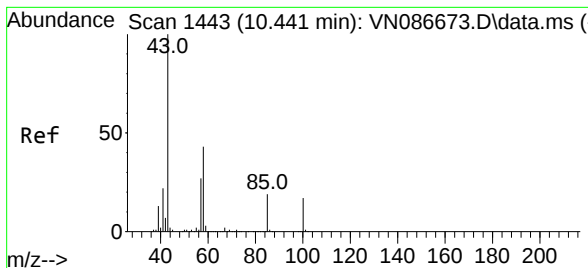
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#50
Toluene-d8
Concen: 49.343 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

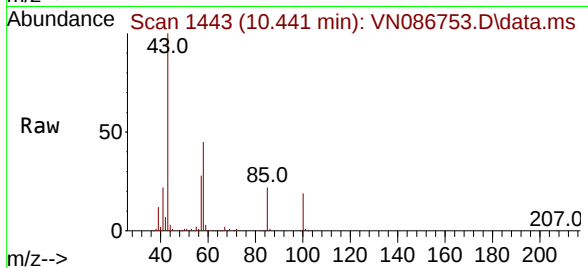
Tgt Ion: 98 Resp: 580621
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 79.472 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

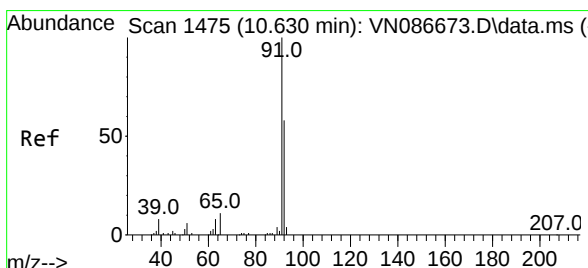
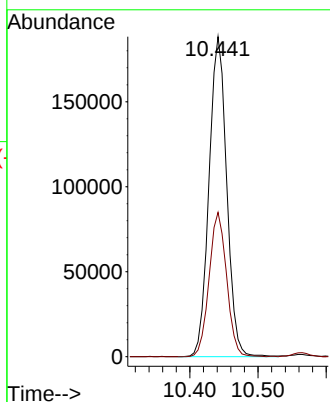
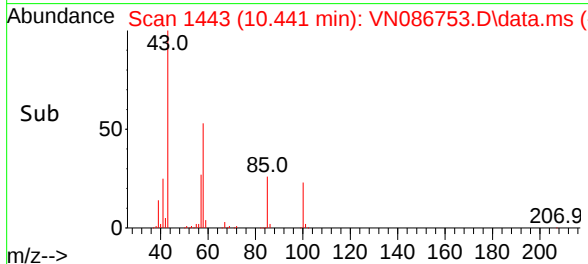
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



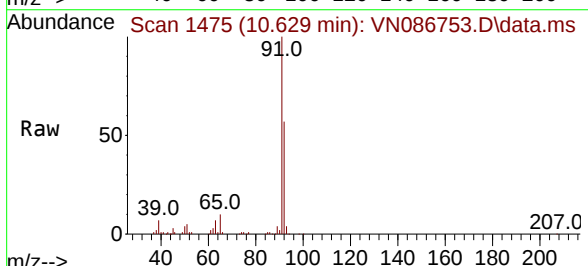
Tgt Ion: 43 Resp: 339918
Ion Ratio Lower Upper
43 100
58 44.6 33.9 50.9

Manual Integrations
APPROVED

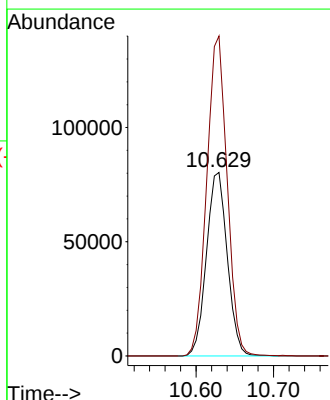
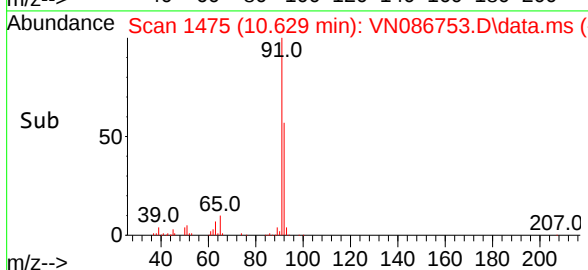
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

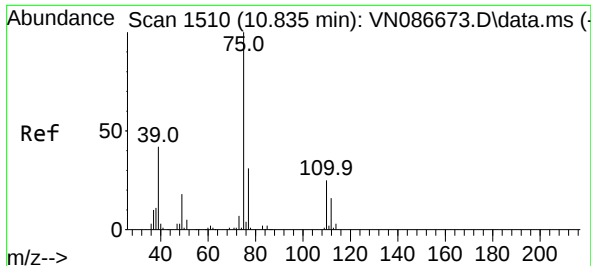


#52
Toluene
Concen: 17.694 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



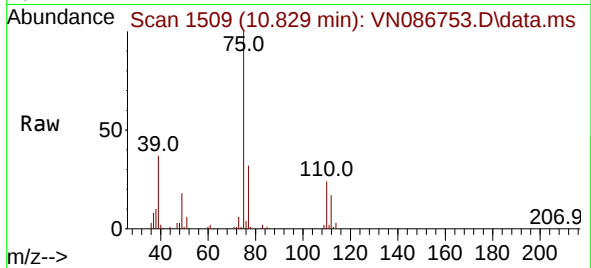
Tgt Ion: 92 Resp: 150259
Ion Ratio Lower Upper
92 100
91 170.4 137.8 206.8





#53
t-1,3-Dichloropropene
Concen: 17.437 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

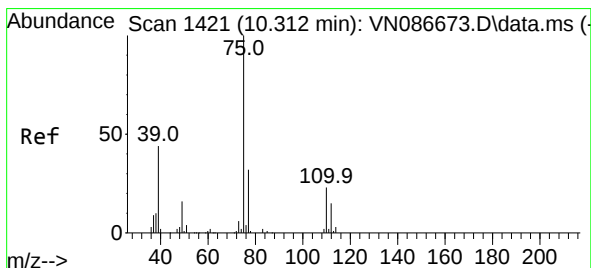
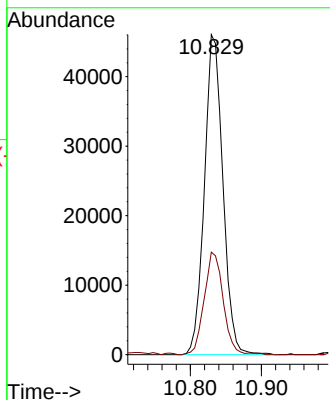
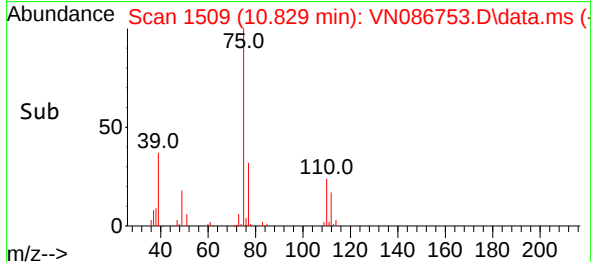
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 75 Resp: 8331
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8

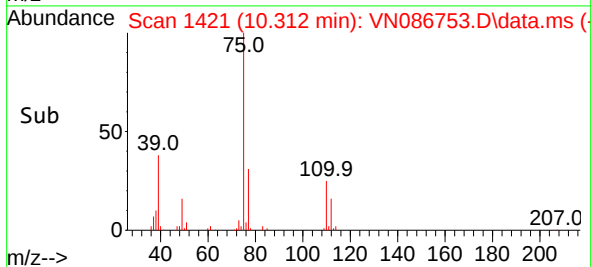
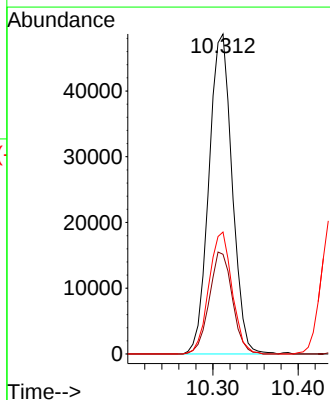
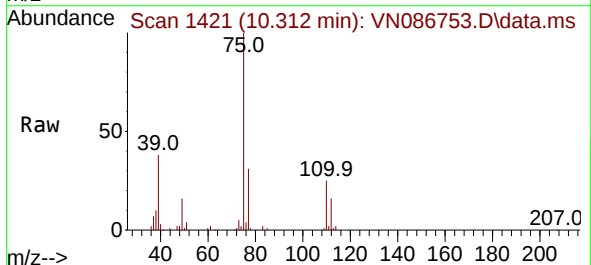
Manual Integrations
APPROVED

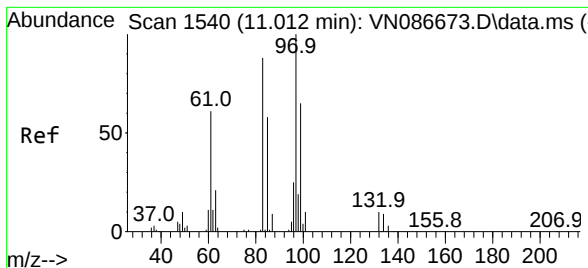
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#54
cis-1,3-Dichloropropene
Concen: 17.697 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

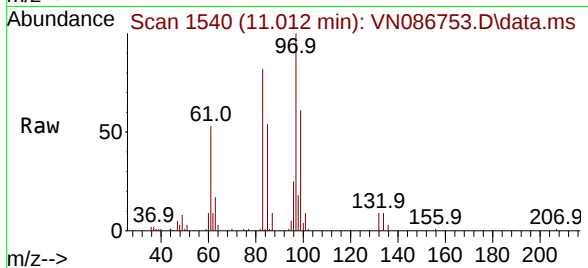
Tgt Ion: 75 Resp: 92300
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 38.1 35.2 52.8





#55
1,1,2-Trichloroethane
Concen: 17.159 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

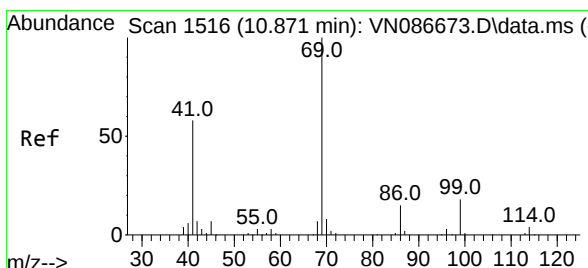
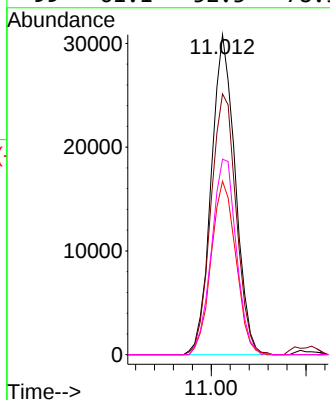
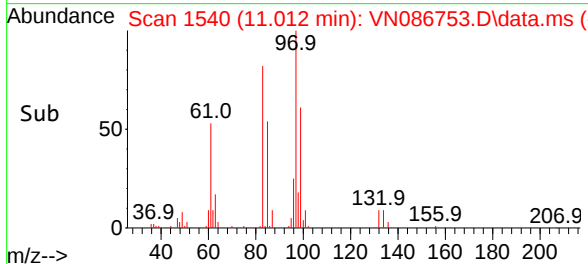
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



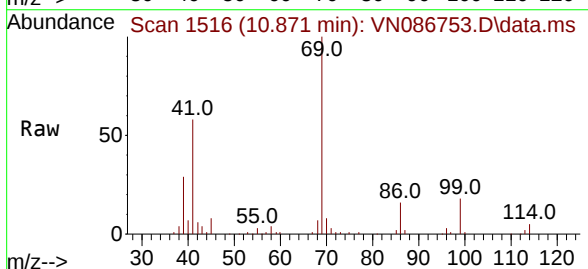
Tgt Ion:	97	Resp:	5435
Ion Ratio	Lower	Upper	
97	100		
83	81.5	70.4	105.6
85	54.2	46.1	69.1
99	61.1	52.3	78.5

Manual Integrations
APPROVED

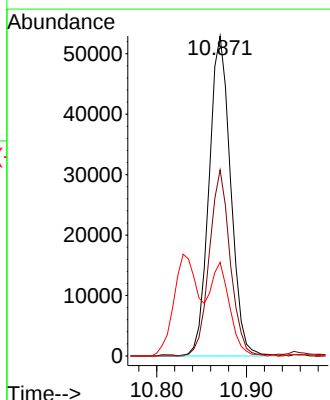
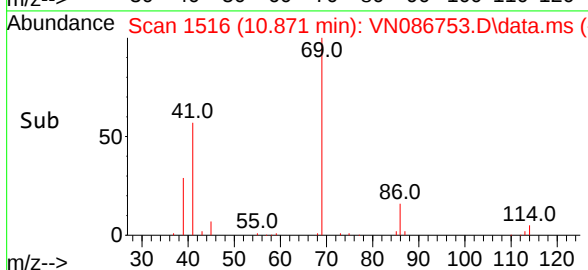
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

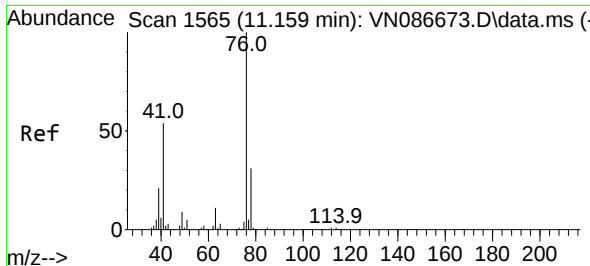


#56
Ethyl methacrylate
Concen: 17.375 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



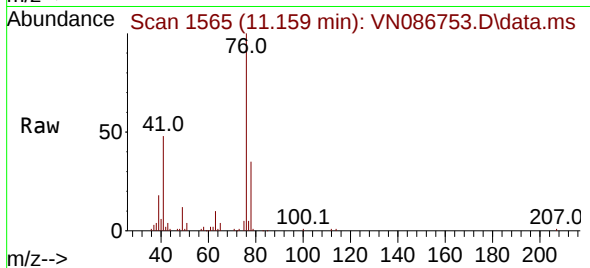
Tgt Ion:	69	Resp:	88371
Ion Ratio	Lower	Upper	
69	100		
41	56.6	47.4	71.0
39	26.2	24.0	36.0





#57
1,3-Dichloropropane
Concen: 16.892 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

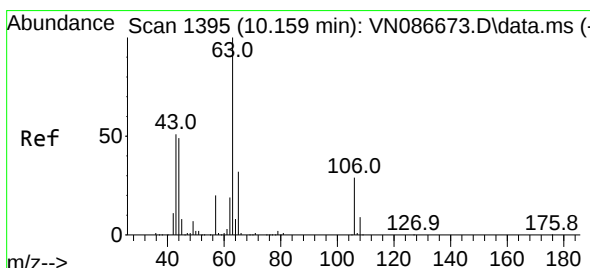
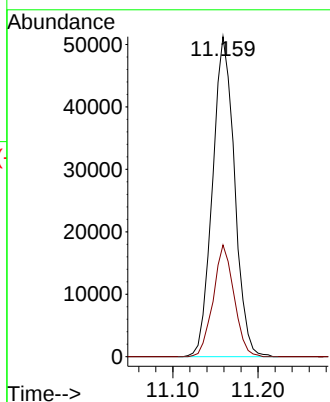
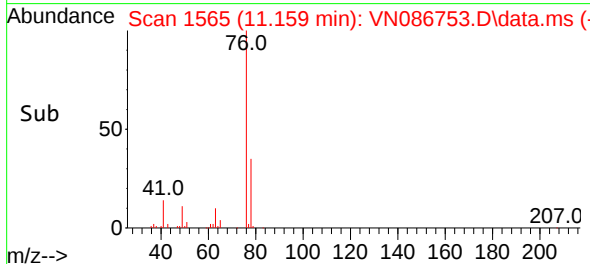
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



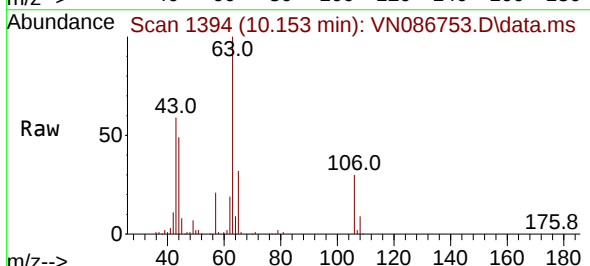
Tgt Ion: 76 Resp: 92180
Ion Ratio Lower Upper
76 100
78 33.0 25.8 38.8

Manual Integrations
APPROVED

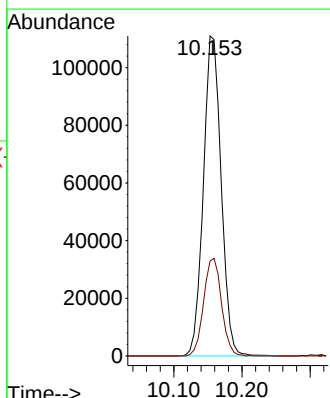
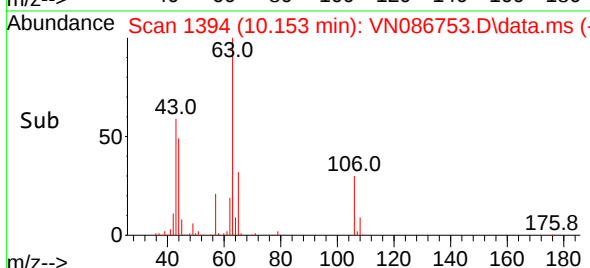
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

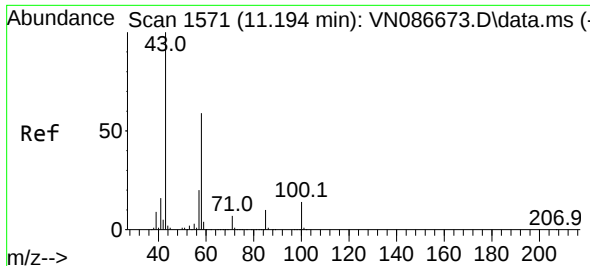


#58
2-Chloroethyl Vinyl ether
Concen: 88.751 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



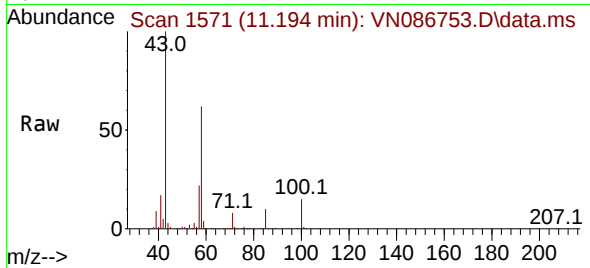
Tgt Ion: 63 Resp: 201742
Ion Ratio Lower Upper
63 100
106 30.6 23.1 34.7





#59
2-Hexanone
Concen: 80.529 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

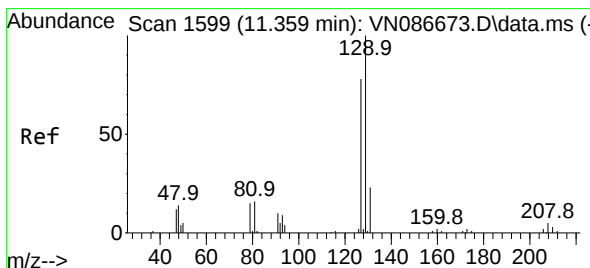
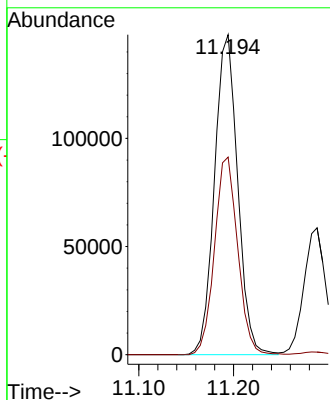
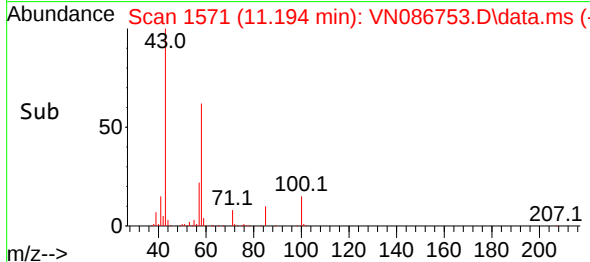
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 43 Resp: 251528
Ion Ratio Lower Upper
43 100
58 61.7 29.8 89.5

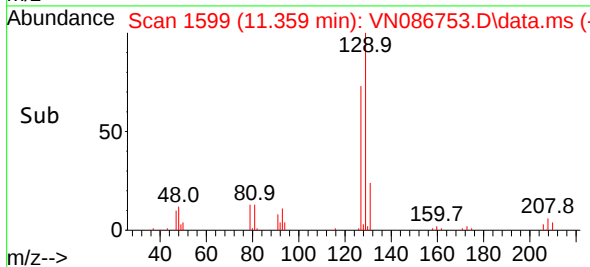
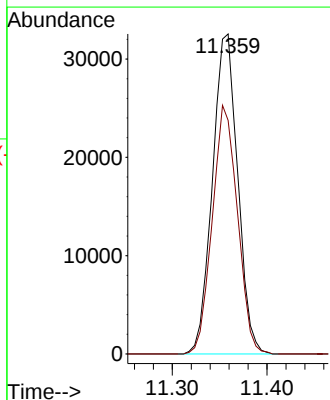
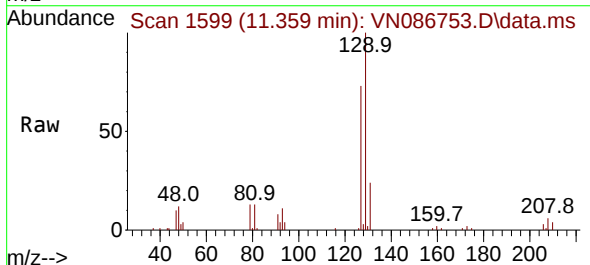
Manual Integrations
APPROVED

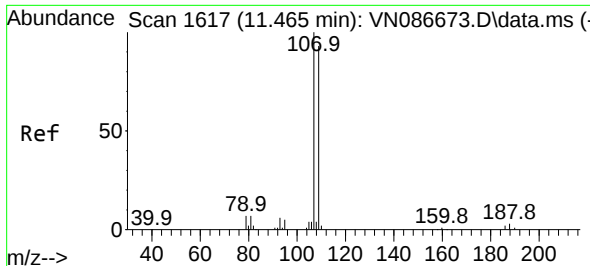
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#60
Dibromochloromethane
Concen: 18.193 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Tgt Ion:129 Resp: 60399
Ion Ratio Lower Upper
129 100
127 77.3 39.5 118.3





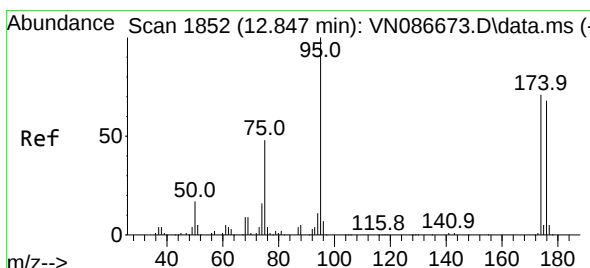
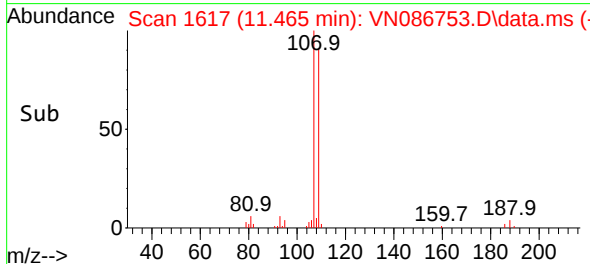
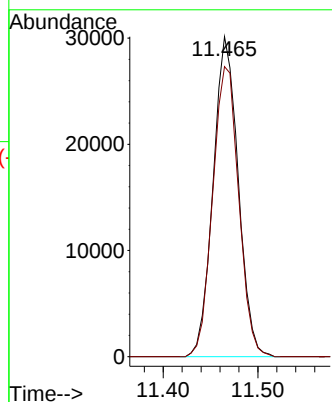
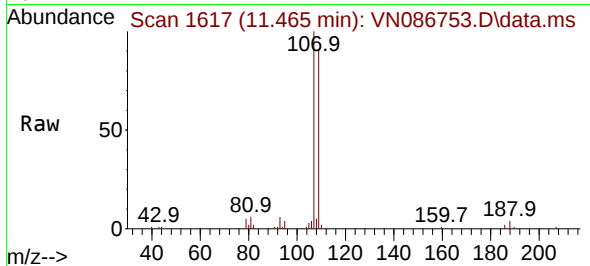
#61
1,2-Dibromoethane
Concen: 17.423 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion:107 Resp: 55462
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.4

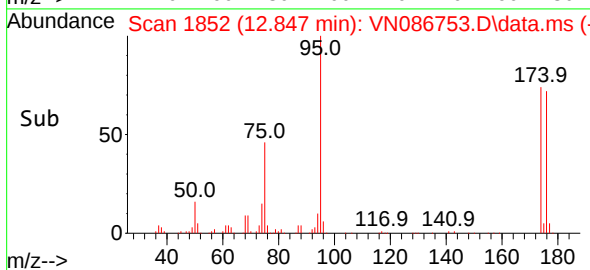
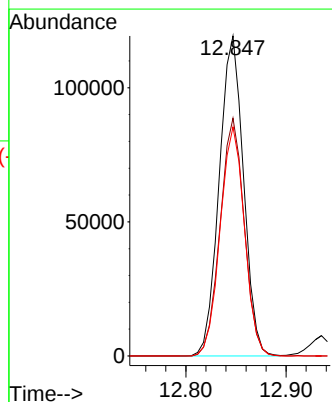
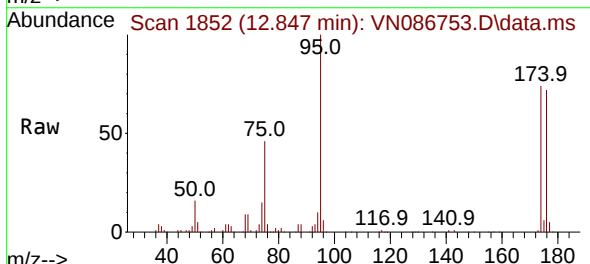
Manual Integrations
APPROVED

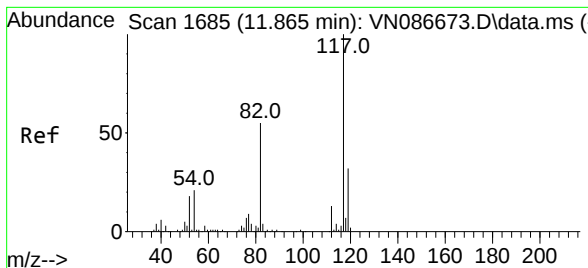
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#62
4-Bromofluorobenzene
Concen: 48.294 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

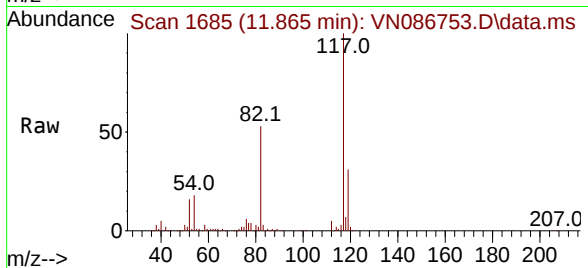
Tgt Ion: 95 Resp: 200653
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.4
176 71.5 0.0 137.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

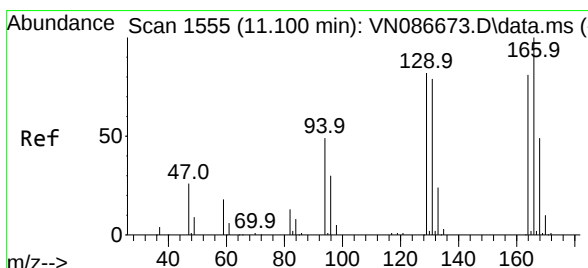
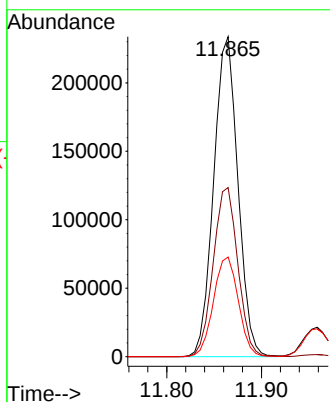
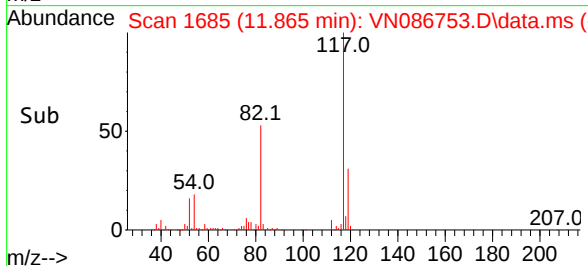
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



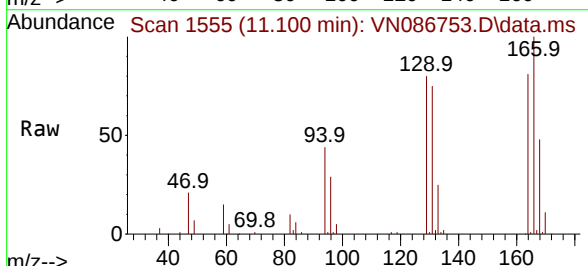
Tgt Ion:117 Resp: 414970
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 31.1 25.4 38.2

Manual Integrations
APPROVED

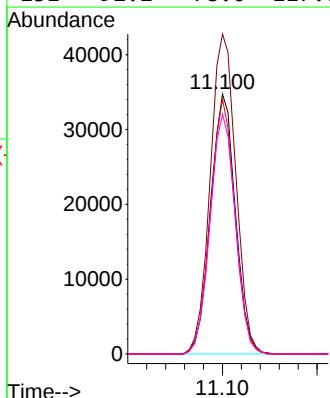
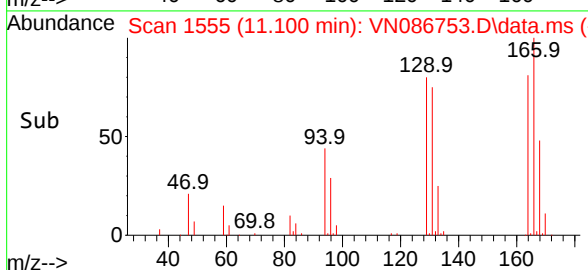
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

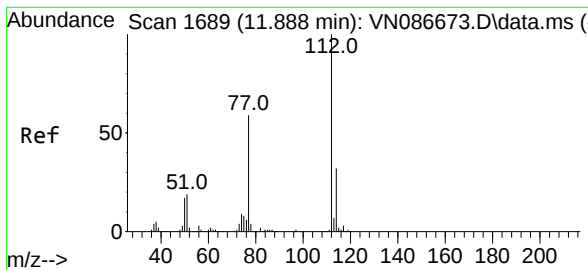


#64
Tetrachloroethene
Concen: 19.975 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



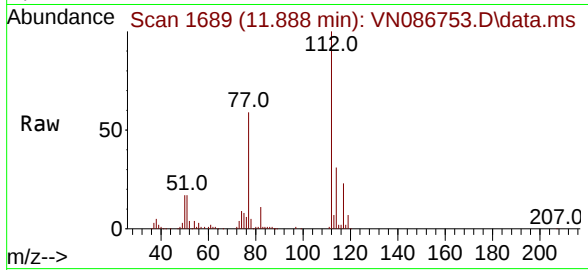
Tgt Ion:164 Resp: 63499
Ion Ratio Lower Upper
164 100
166 123.1 98.2 147.4
129 98.1 81.0 121.4
131 92.2 78.0 117.0





#65
Chlorobenzene
Concen: 18.282 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

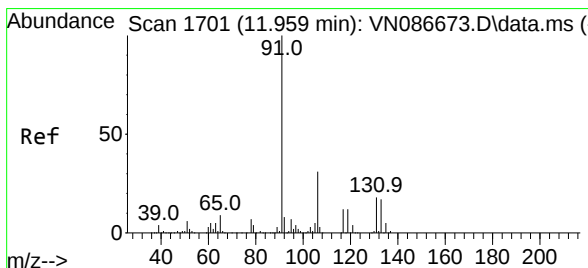
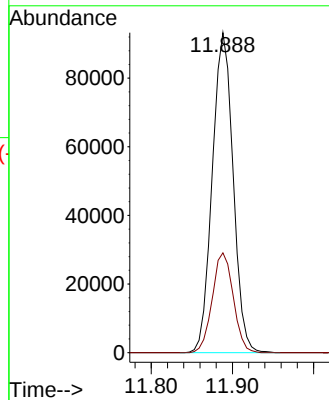
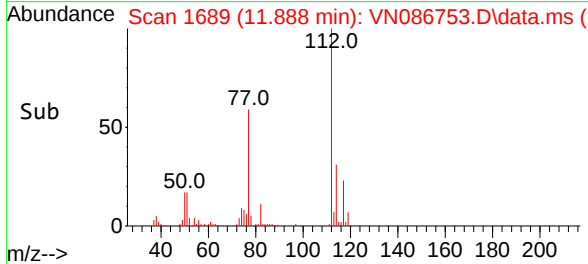
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



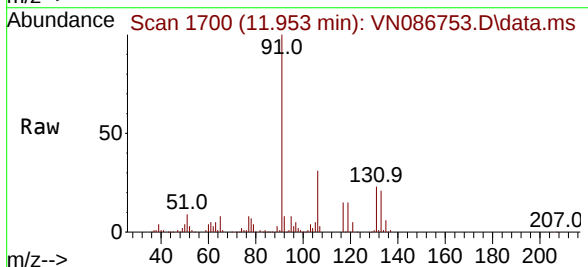
Tgt Ion:112 Resp: 166364
Ion Ratio Lower Upper
112 100
114 31.2 25.9 38.9

Manual Integrations
APPROVED

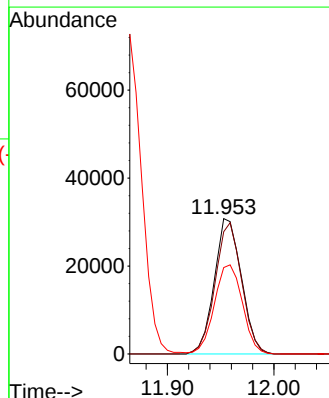
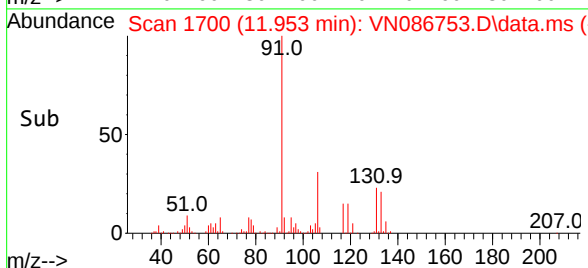
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

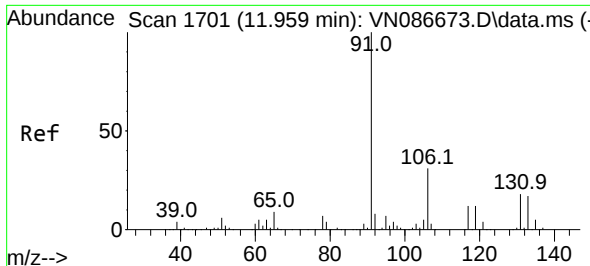


#66
1,1,1,2-Tetrachloroethane
Concen: 18.523 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



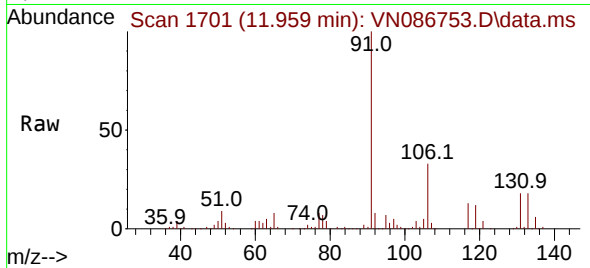
Tgt Ion:131 Resp: 54412
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 68.1 33.6 100.8





#67
Ethyl Benzene
Concen: 17.798 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

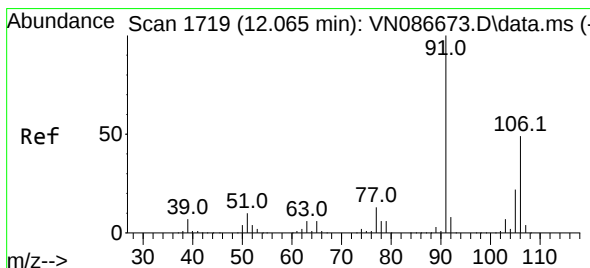
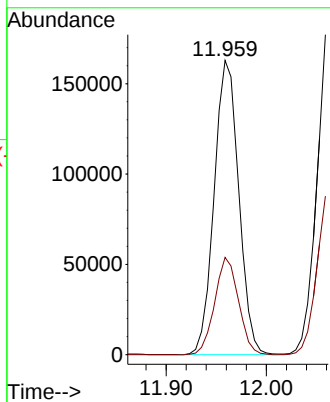
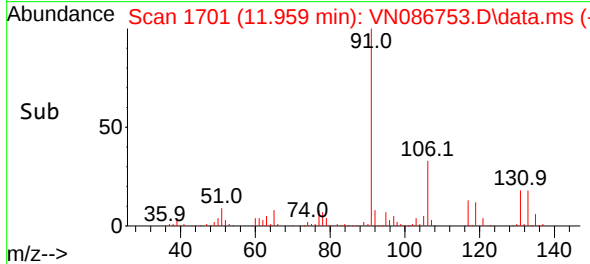
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



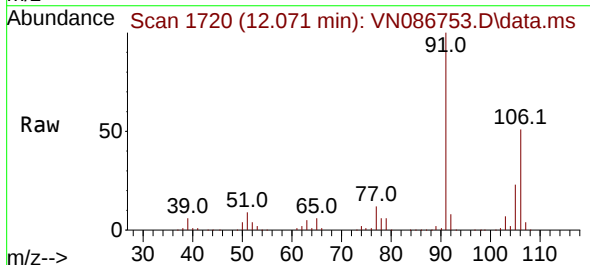
Tgt Ion: 91 Resp: 277400
Ion Ratio Lower Upper
91 100
106 33.1 24.6 36.8

Manual Integrations
APPROVED

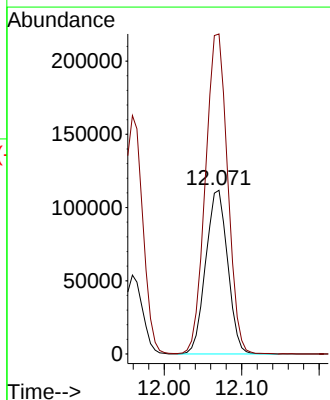
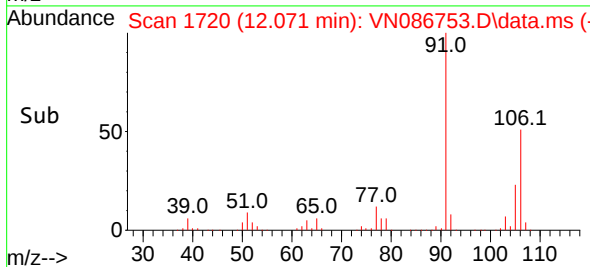
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

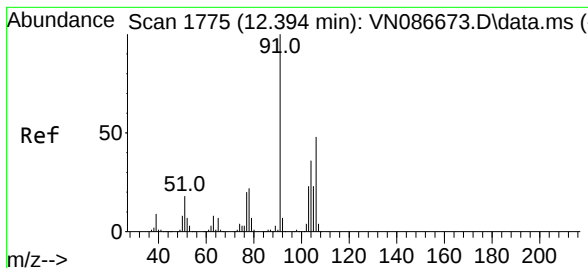


#68
m/p-Xylenes
Concen: 37.273 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



Tgt Ion:106 Resp: 220040
Ion Ratio Lower Upper
106 100
91 198.1 162.4 243.6





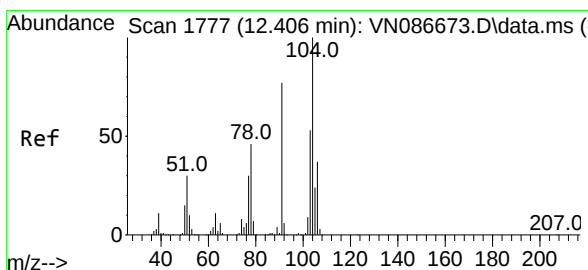
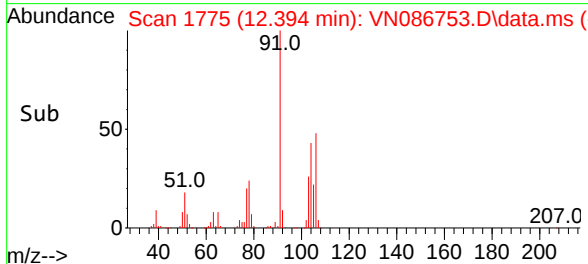
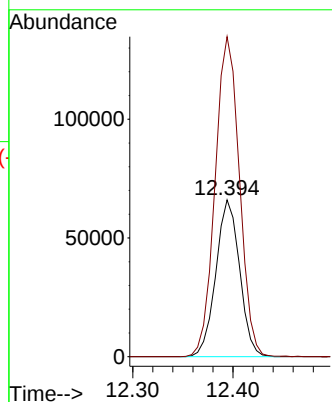
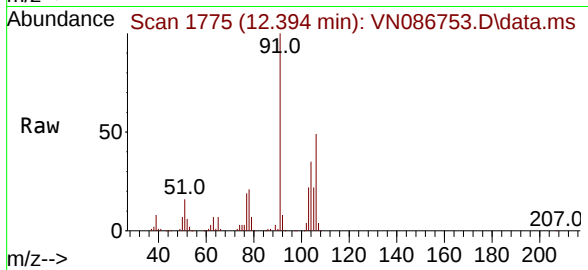
#69
o-Xylene
Concen: 18.496 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion:106 Resp: 108558
Ion Ratio Lower Upper
106 100
91 209.5 105.1 315.1

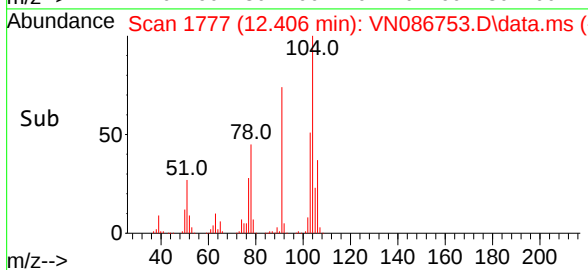
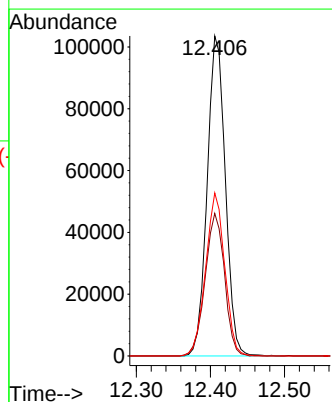
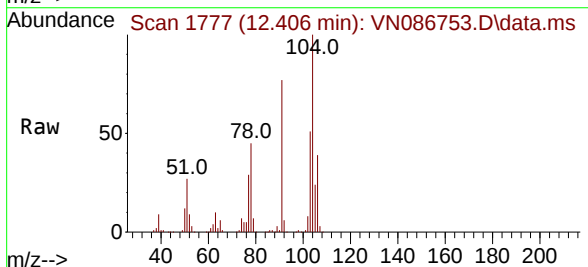
Manual Integrations
APPROVED

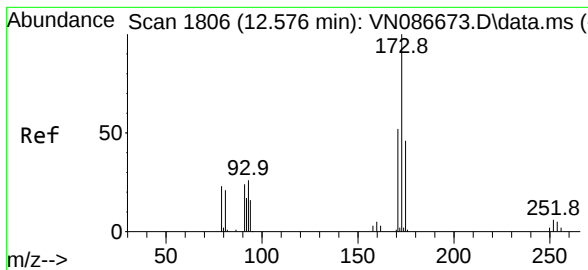
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#70
Styrene
Concen: 18.369 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Tgt Ion:104 Resp: 176507
Ion Ratio Lower Upper
104 100
78 47.6 39.0 58.6
103 53.6 43.8 65.8





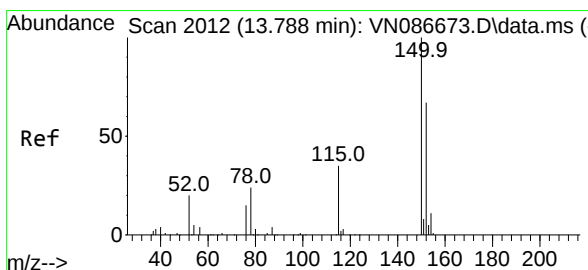
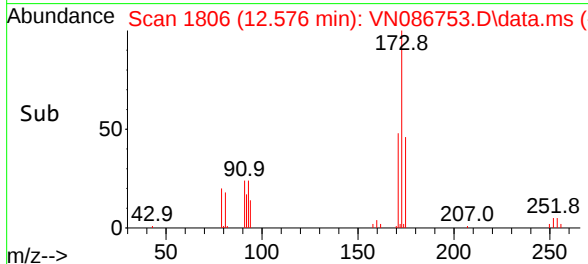
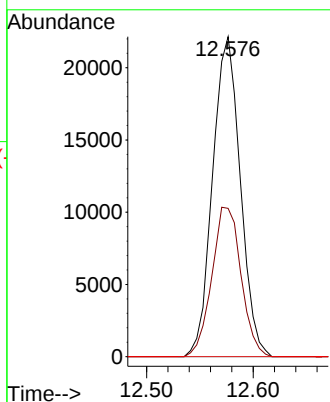
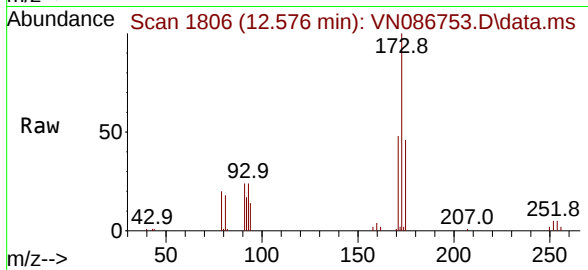
#71
Bromoform
Concen: 19.119 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion:173 Resp: 3994
Ion Ratio Lower Upper
173 100
175 49.3 23.4 70.2
254 0.0 0.0 0.0

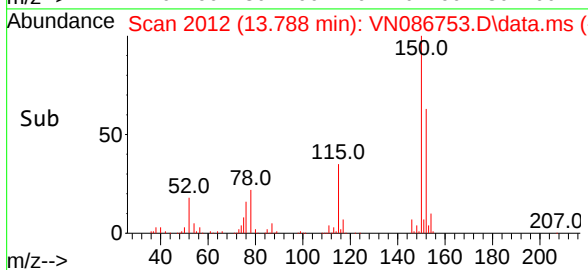
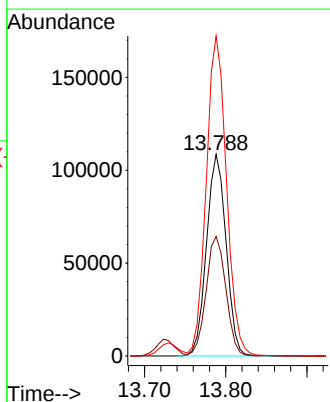
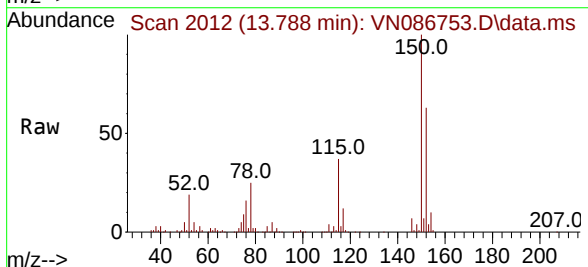
Manual Integrations
APPROVED

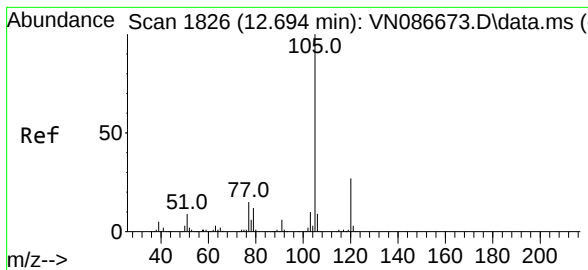
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

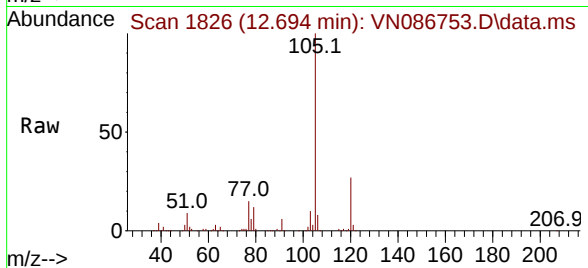
Tgt Ion:152 Resp: 181924
Ion Ratio Lower Upper
152 100
115 59.7 30.0 90.1
150 163.8 0.0 347.8





#73
Isopropylbenzene
Concen: 18.155 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

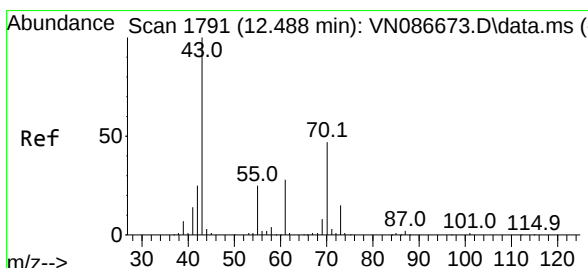
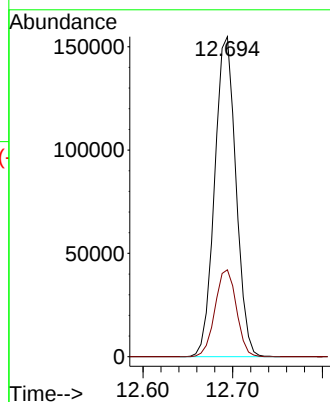
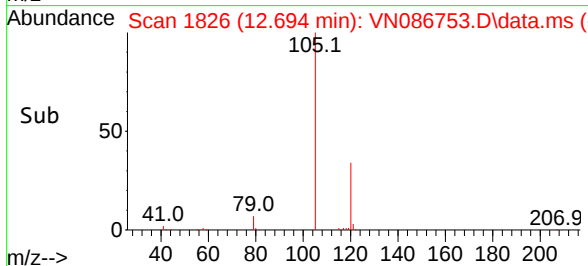
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



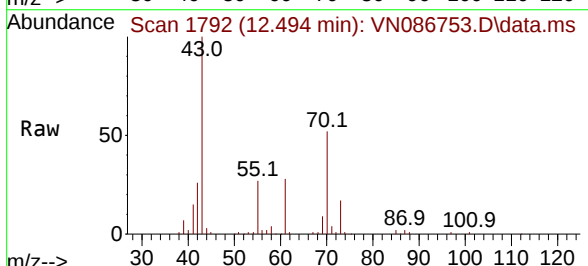
Tgt Ion:105 Resp: 255094
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1

Manual Integrations
APPROVED

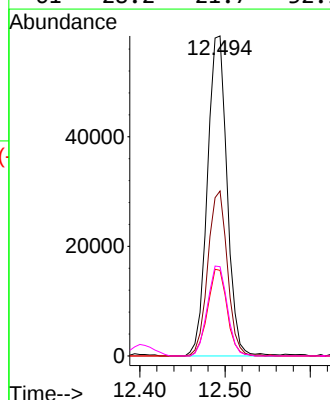
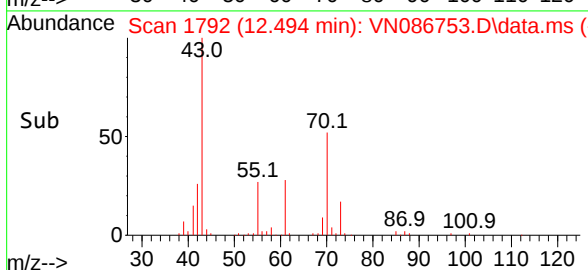
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

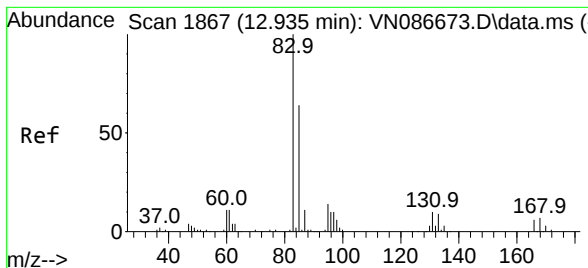


#74
N-ethyl acetate
Concen: 15.950 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



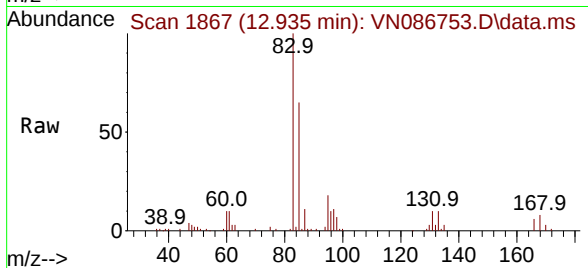
Tgt Ion: 43 Resp: 93636
Ion Ratio Lower Upper
43 100
70 51.2 37.9 56.9
55 26.8 20.5 30.7
61 28.2 21.7 32.5





#75
 1,1,2,2-Tetrachloroethane
 Concen: 16.648 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43

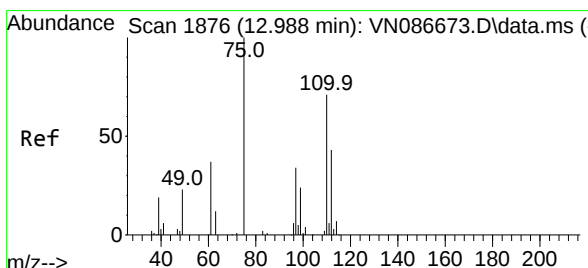
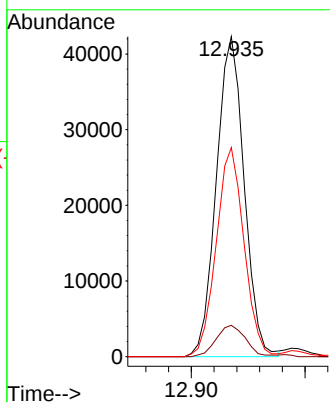
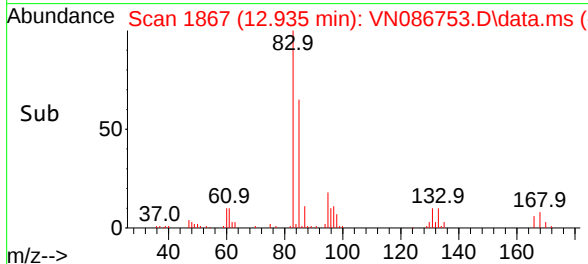
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBS01



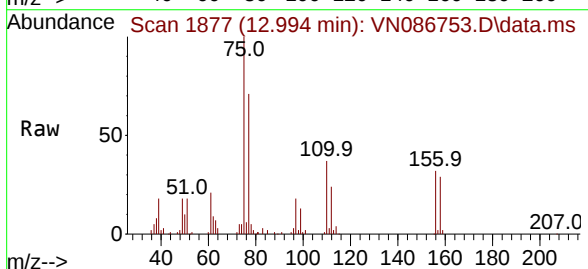
Tgt Ion: 83 Resp: 71864
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 15.0
 85 65.3 32.4 97.2

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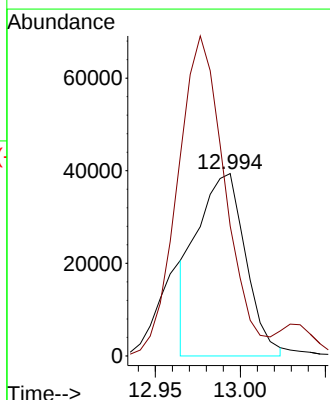
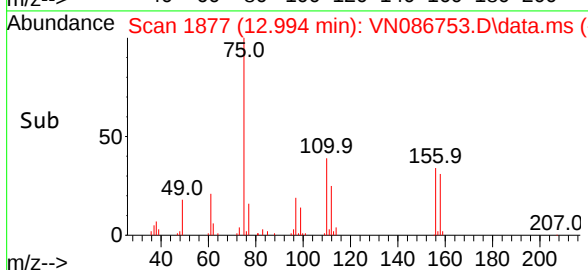
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

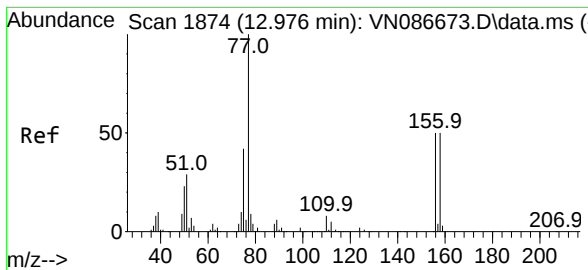


#76
 1,2,3-Trichloropropane
 Concen: 19.000 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43



Tgt Ion: 75 Resp: 78175
 Ion Ratio Lower Upper
 75 100
 77 173.1 96.0 288.1





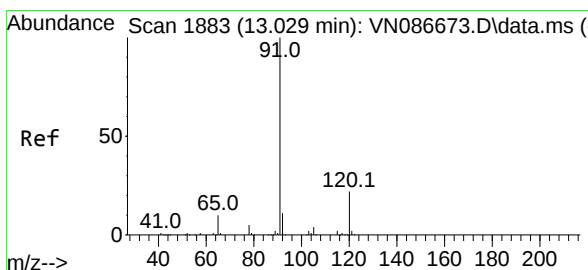
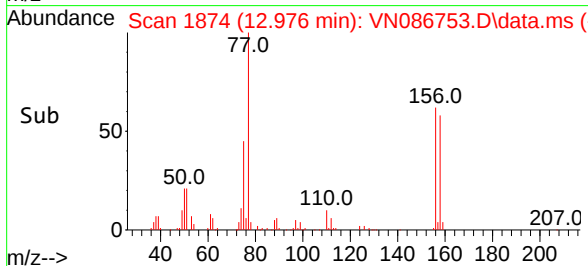
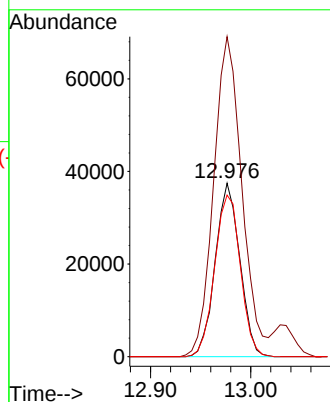
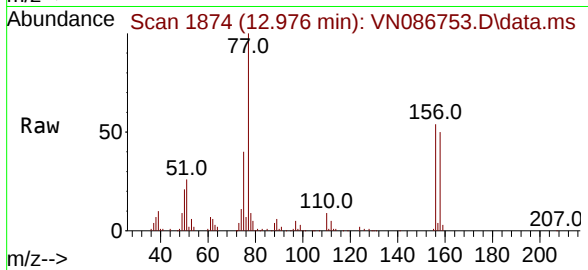
#77
Bromobenzene
Concen: 18.049 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion:156 Resp: 6379
Ion Ratio Lower Upper
156 100
77 212.2 113.1 339.2
158 97.4 48.6 145.9

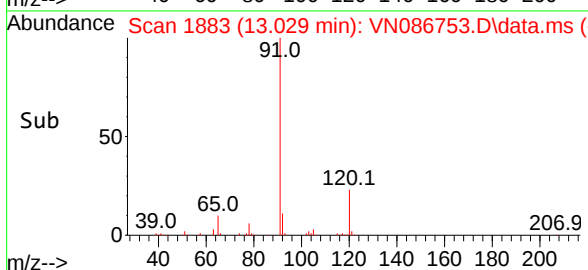
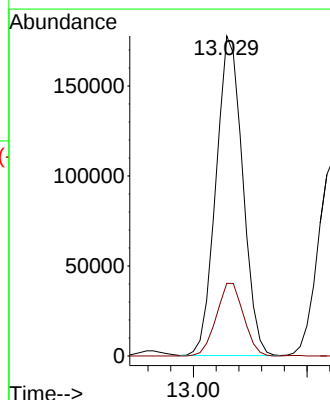
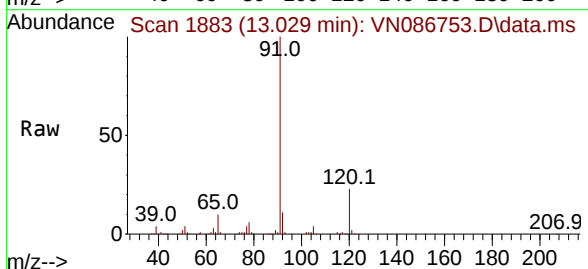
Manual Integrations
APPROVED

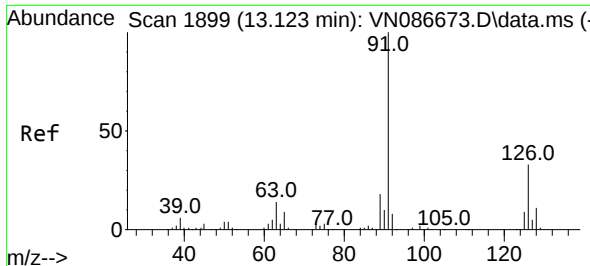
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#78
n-propylbenzene
Concen: 17.971 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

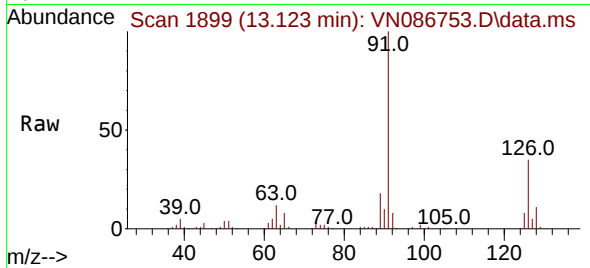
Tgt Ion: 91 Resp: 289773
Ion Ratio Lower Upper
91 100
120 23.2 11.4 34.1





#79
2-Chlorotoluene
Concen: 17.823 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

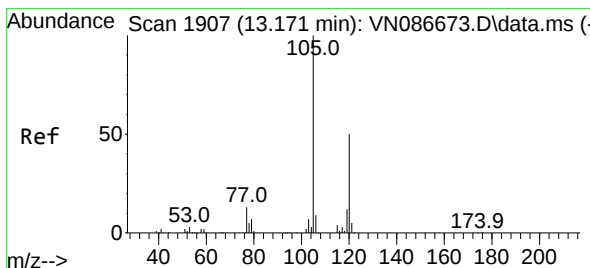
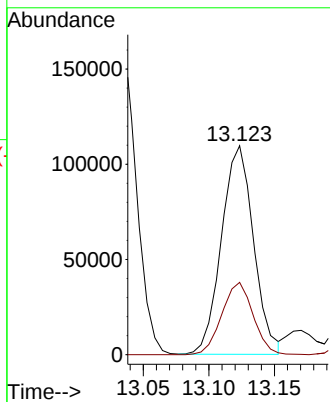
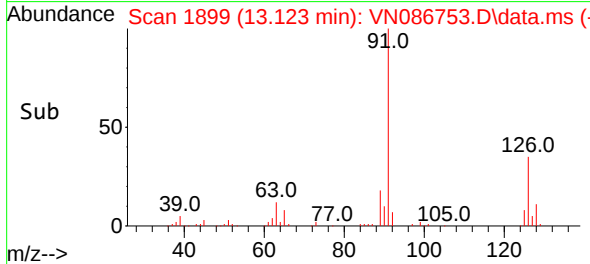
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



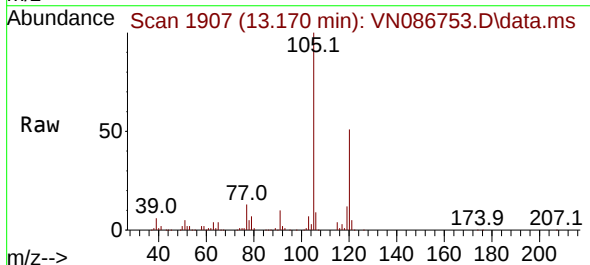
Tgt Ion: 91 Resp: 186860
Ion Ratio Lower Upper
91 100
126 33.8 16.6 49.7

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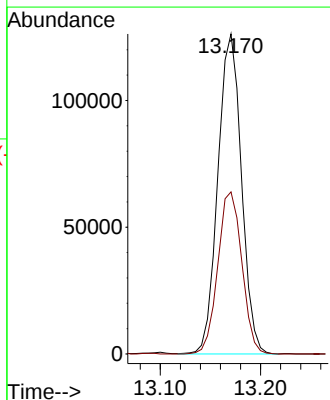
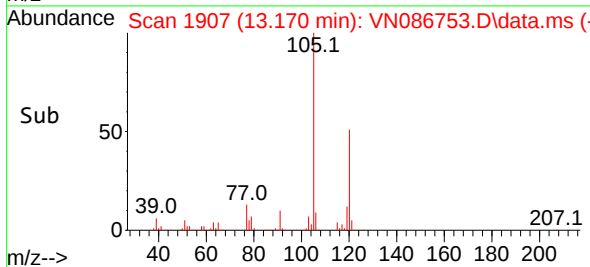
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

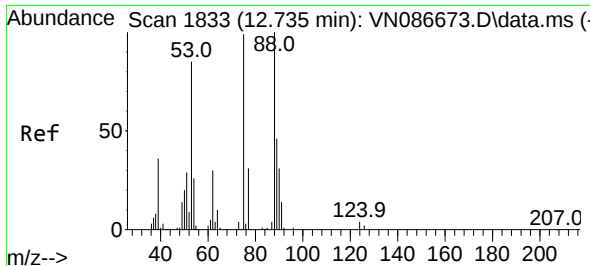


#80
1,3,5-Trimethylbenzene
Concen: 18.294 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



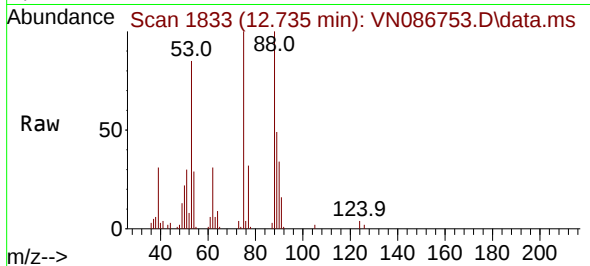
Tgt Ion:105 Resp: 205936
Ion Ratio Lower Upper
105 100
120 51.6 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.448 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

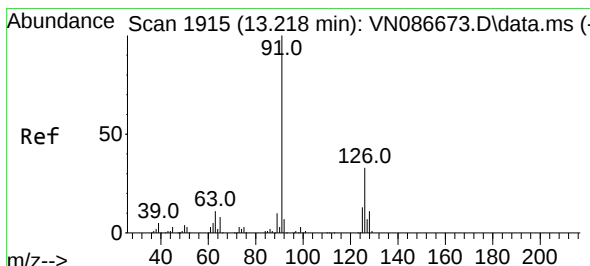
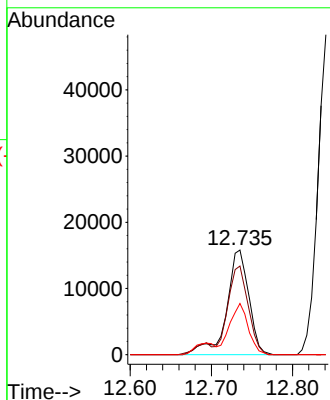
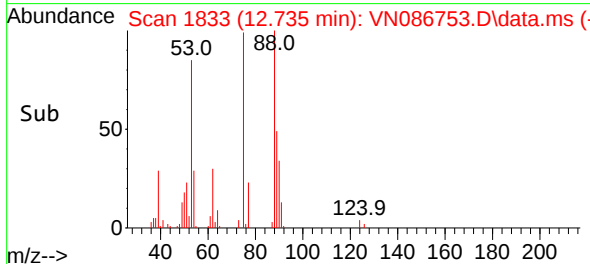
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



Tgt Ion: 75 Resp: 30070
Ion Ratio Lower Upper
75 100
53 77.7 70.4 105.6
89 41.6 32.4 48.6

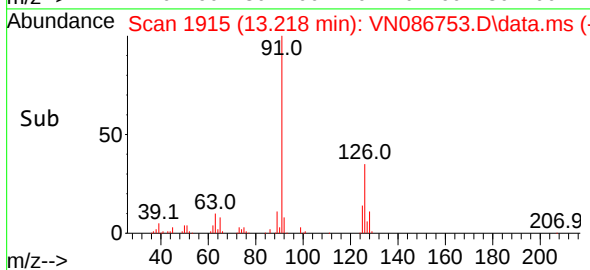
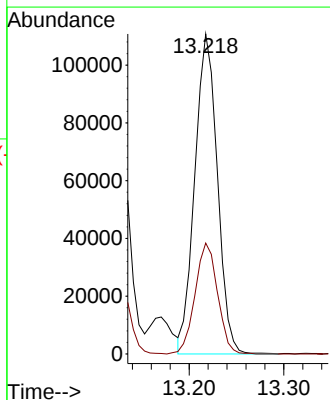
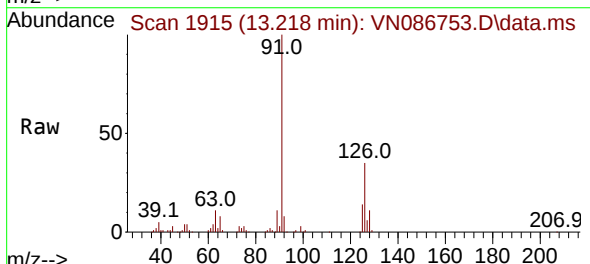
Manual Integrations
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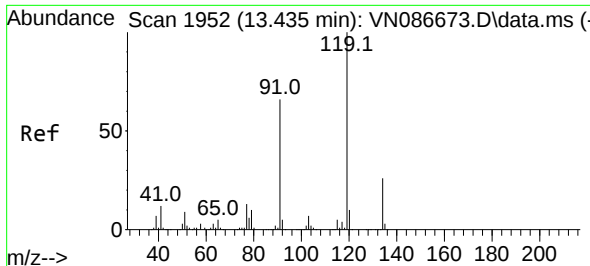
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#82
4-Chlorotoluene
Concen: 17.659 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

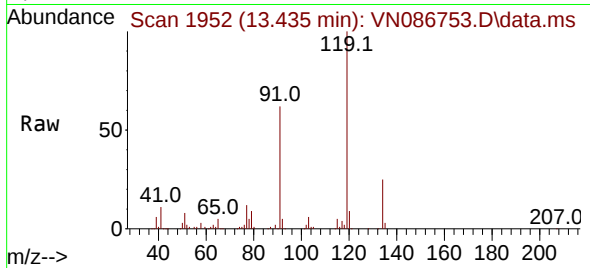
Tgt Ion: 91 Resp: 183422
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9





#83
 tert-Butylbenzene
 Concen: 18.514 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. -0.000 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43

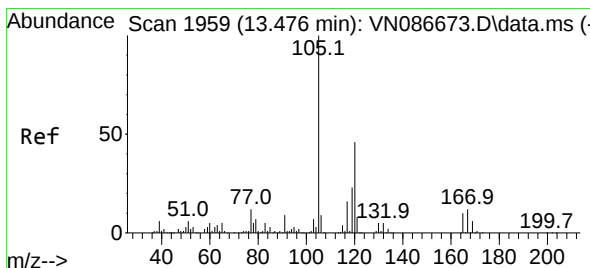
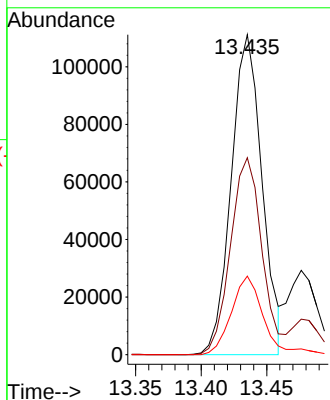
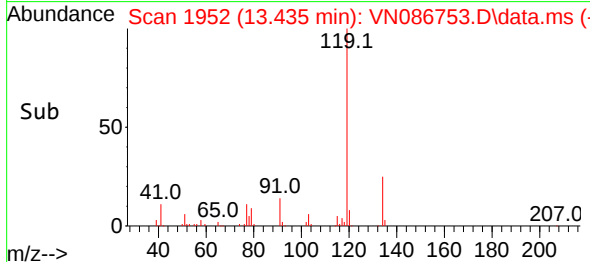
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBS01



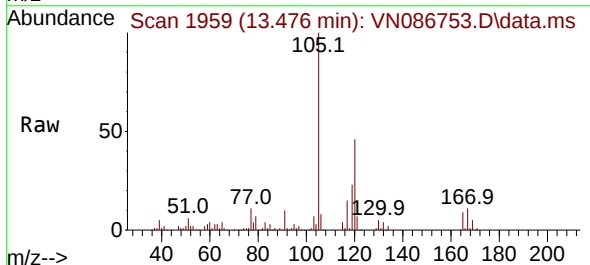
Tgt Ion:119 Resp: 18175
 Ion Ratio Lower Upper
 119 100
 91 63.5 32.9 98.7
 134 25.6 13.4 40.1

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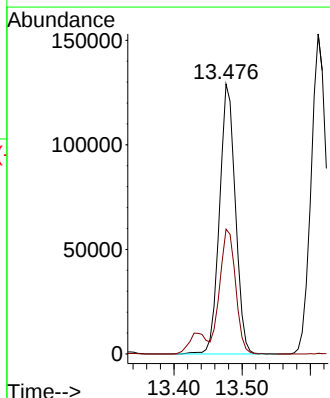
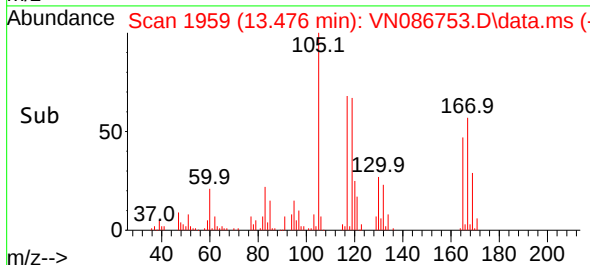
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

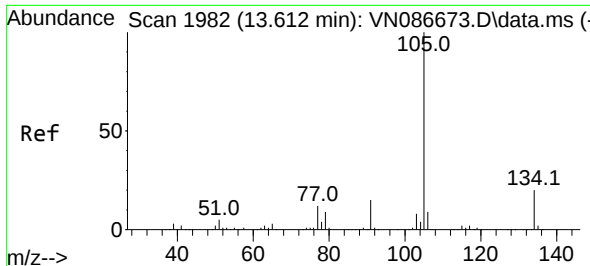


#84
 1,2,4-Trimethylbenzene
 Concen: 18.635 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43



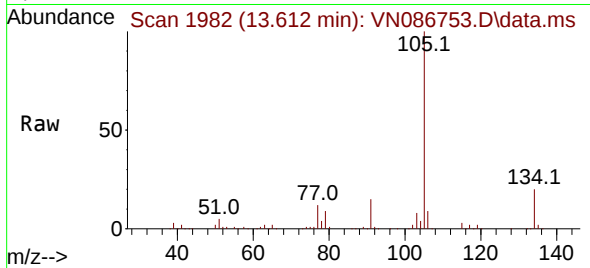
Tgt Ion:105 Resp: 208897
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 18.331 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43

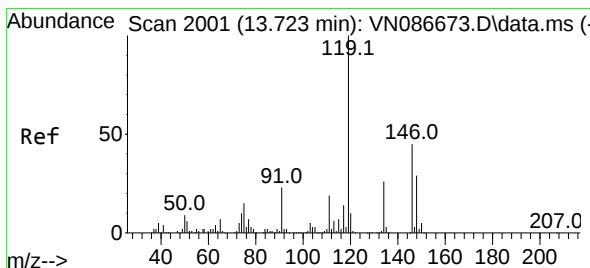
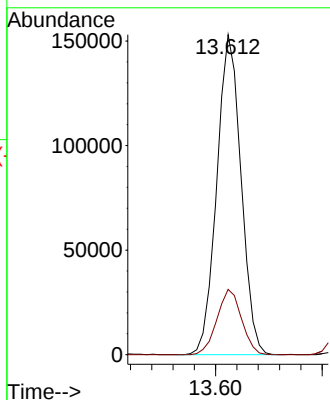
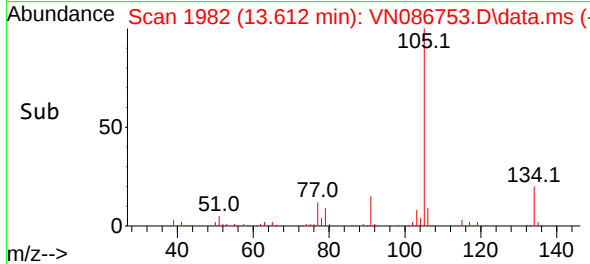
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522WBS01



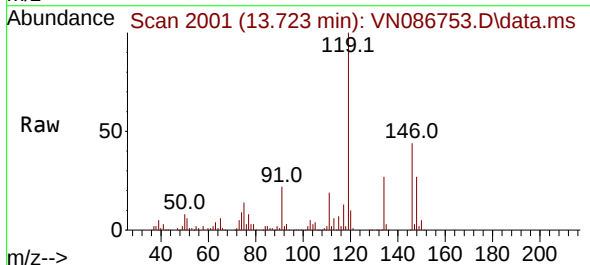
Tgt Ion:105 Resp: 241304
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1

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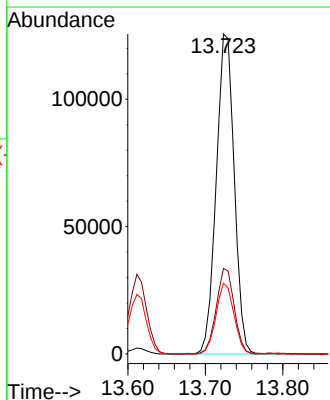
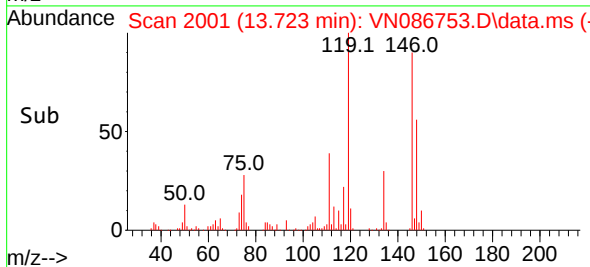
Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025

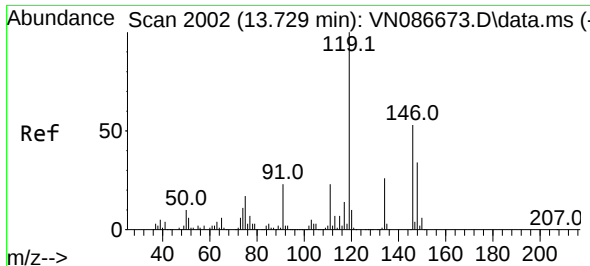


#86
 p-Isopropyltoluene
 Concen: 18.797 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43



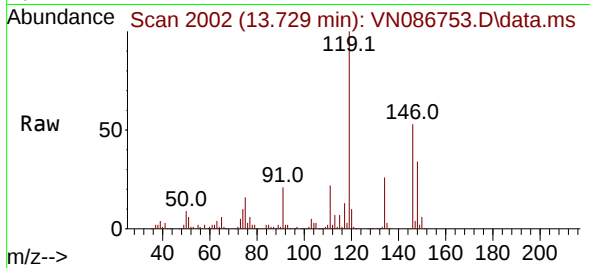
Tgt Ion:119 Resp: 202813
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 22.0 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 18.235 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

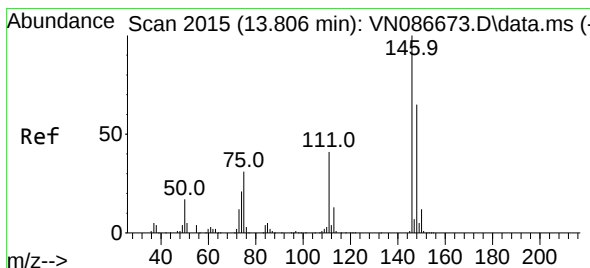
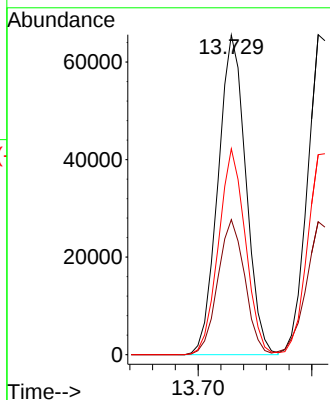
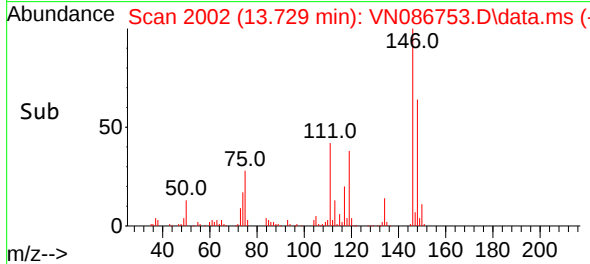
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



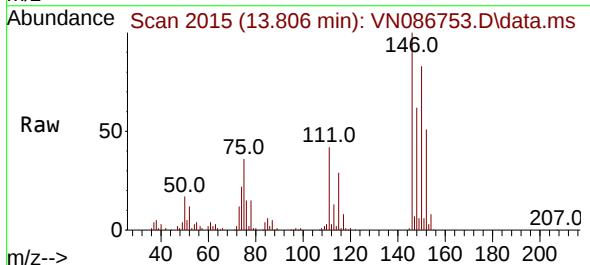
Tgt Ion:146 Resp: 111609
Ion Ratio Lower Upper
146 100
111 41.0 20.9 62.7
148 62.4 31.8 95.4

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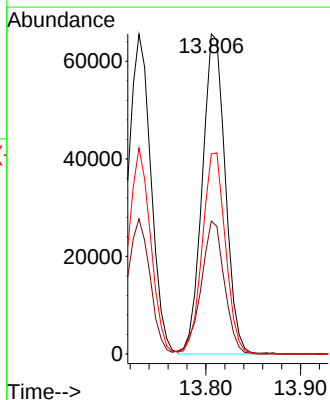
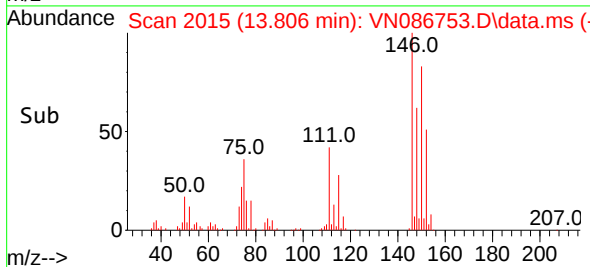
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

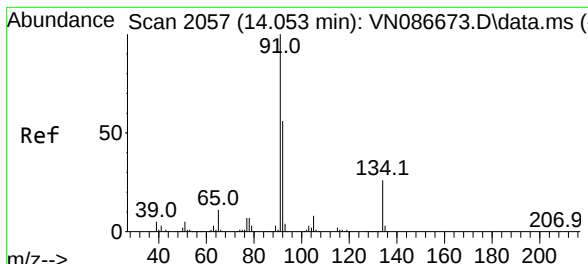


#88
1,4-Dichlorobenzene
Concen: 18.253 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



Tgt Ion:146 Resp: 110685
Ion Ratio Lower Upper
146 100
111 42.0 20.6 61.8
148 63.3 32.0 96.0



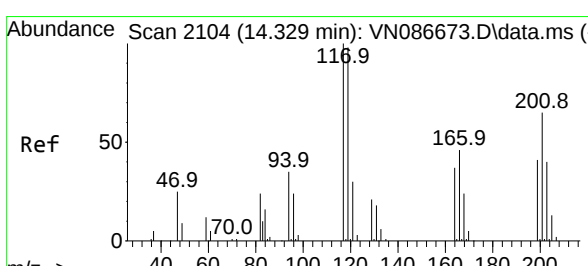
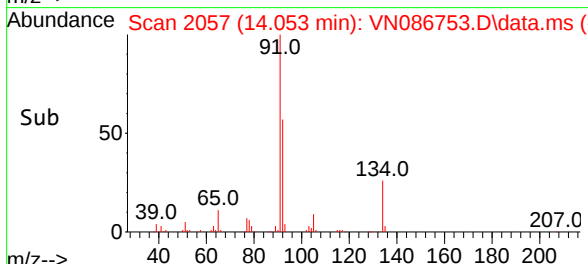
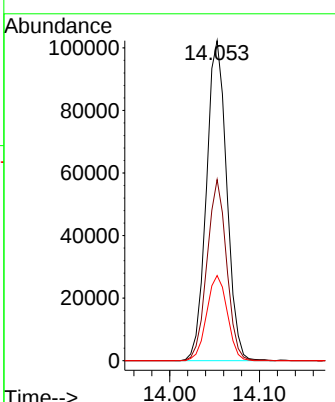
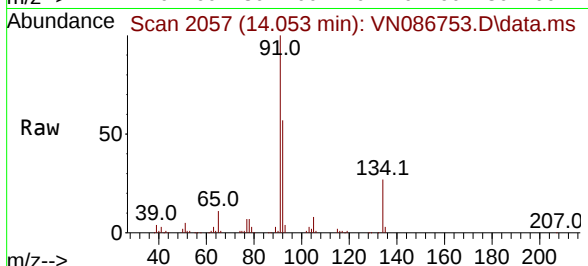


#89
 n-Butylbenzene
 Concen: 17.972 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43

Instrument : MSVOA_N
 ClientSampleId : VN0522WBS01

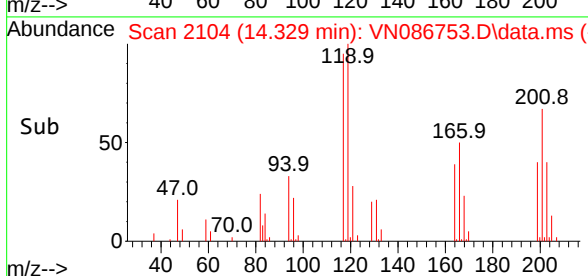
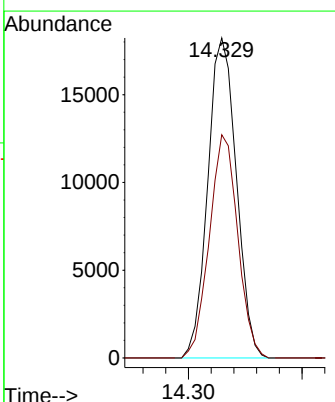
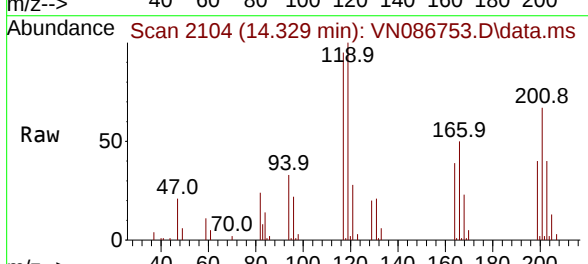
Tgt Ion:	91	Resp:	16075
Ion Ratio	Lower	Upper	
91	100		
92	54.6	27.4	82.0
134	27.0	12.8	38.4

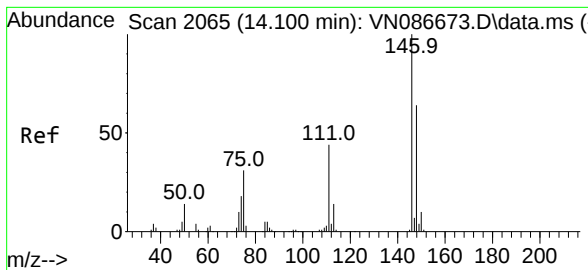
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/23/2025
 Supervised By :Mahesh Dadoda 05/23/2025



#90
 Hexachloroethane
 Concen: 17.804 ug/l
 RT: 14.329 min Scan# 2104
 Delta R.T. -0.000 min
 Lab File: VN086753.D
 Acq: 22 May 2025 09:43

Tgt Ion:	117	Resp:	31873
Ion Ratio	Lower	Upper	
117	100		
201	69.4	32.0	96.0





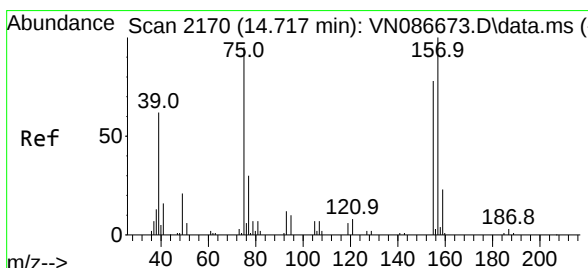
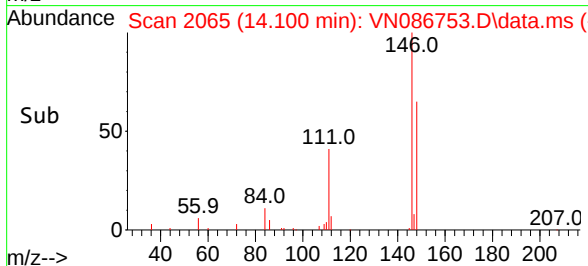
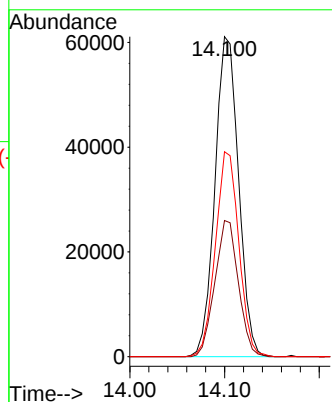
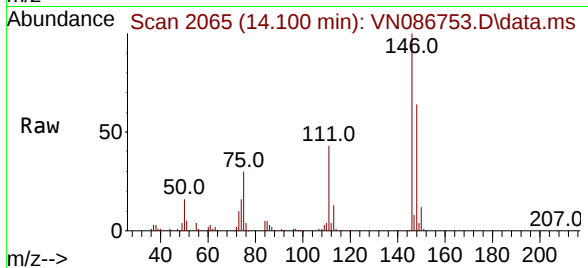
#91
1,2-Dichlorobenzene
Concen: 18.205 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01

Tgt Ion:146 Resp: 105980
Ion Ratio Lower Upper
146 100
111 42.3 21.6 65.0
148 63.5 31.7 95.1

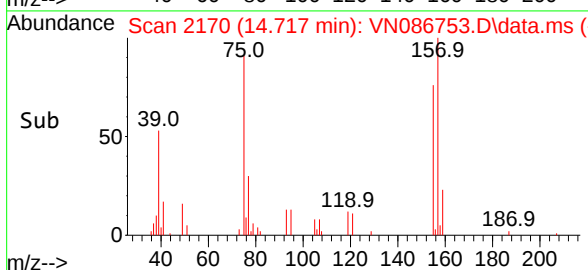
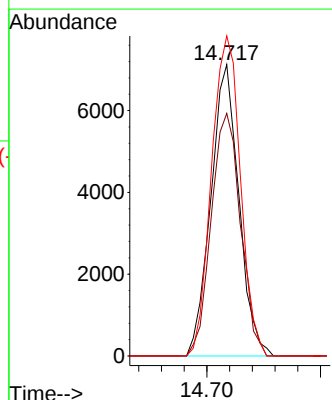
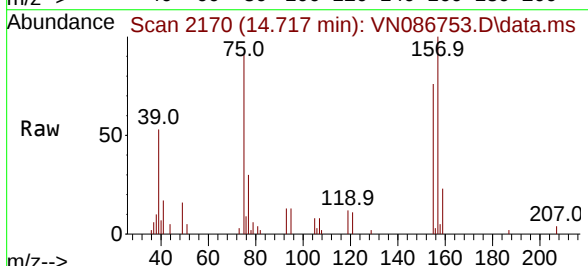
Manual Integrations
APPROVED

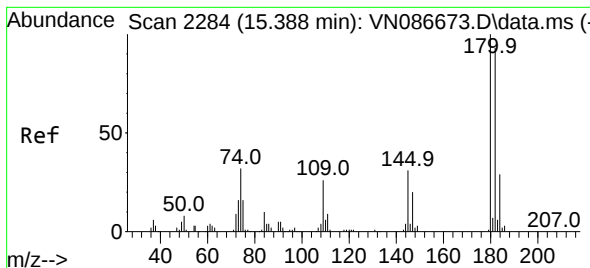
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.091 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

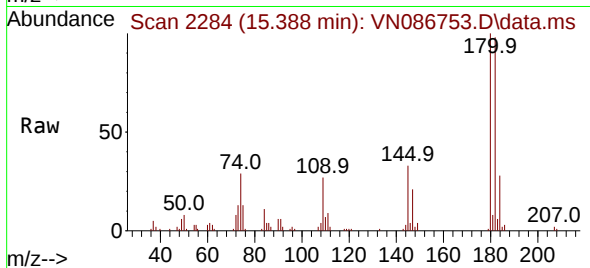
Tgt Ion: 75 Resp: 12222
Ion Ratio Lower Upper
75 100
155 86.8 40.5 121.5
157 112.9 53.6 160.8





#93
1,2,4-Trichlorobenzene
Concen: 18.882 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

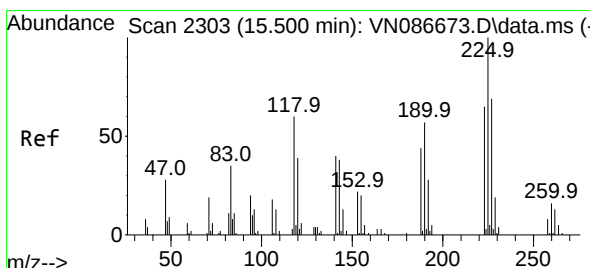
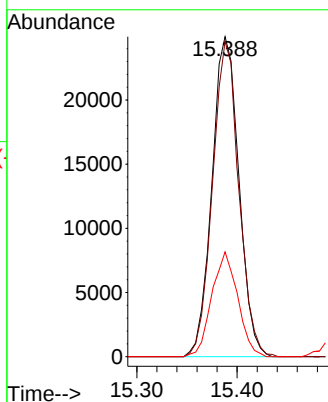
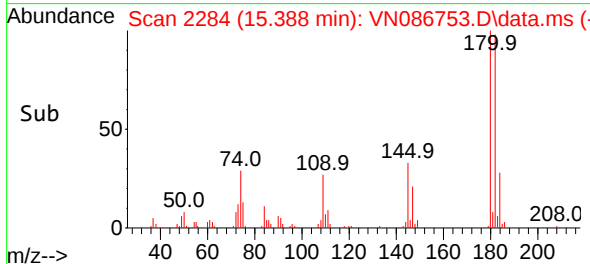
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



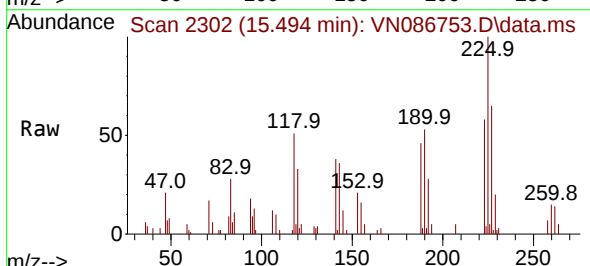
Tgt Ion:180 Resp: 4639
Ion Ratio Lower Upper
180 100
182 96.1 47.1 141.3
145 31.6 15.6 46.8

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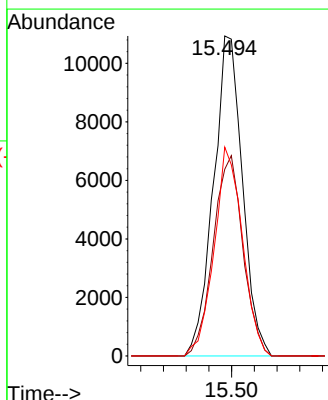
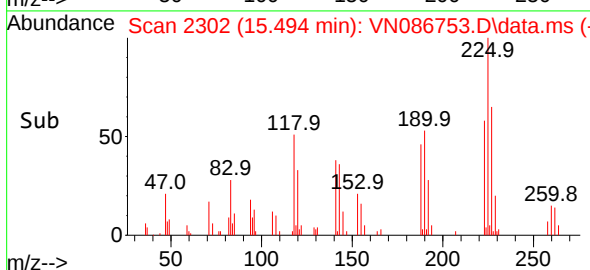
Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

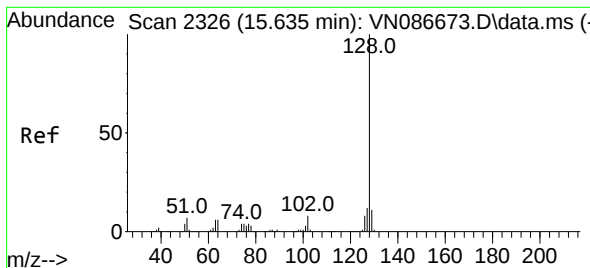


#94
Hexachlorobutadiene
Concen: 19.004 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



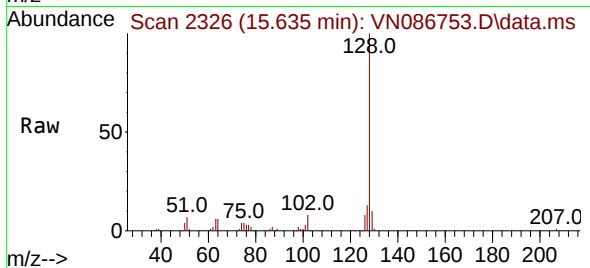
Tgt Ion:225 Resp: 19375
Ion Ratio Lower Upper
225 100
223 64.3 32.9 98.6
227 63.7 32.4 97.2





#95
Naphthalene
Concen: 18.680 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43

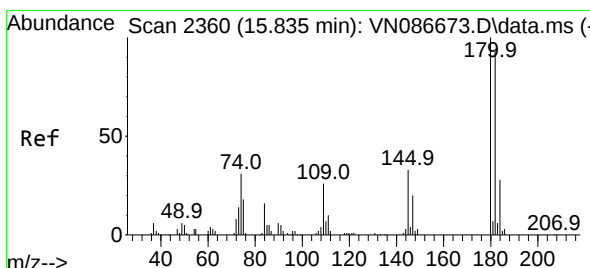
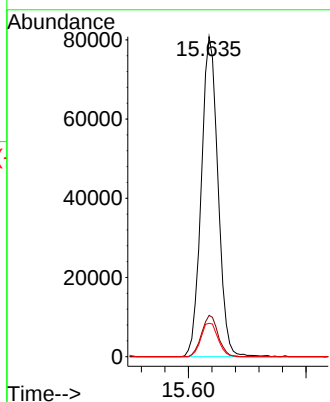
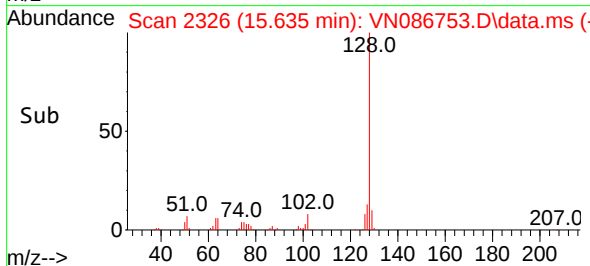
Instrument :
MSVOA_N
ClientSampleId :
VN0522WBS01



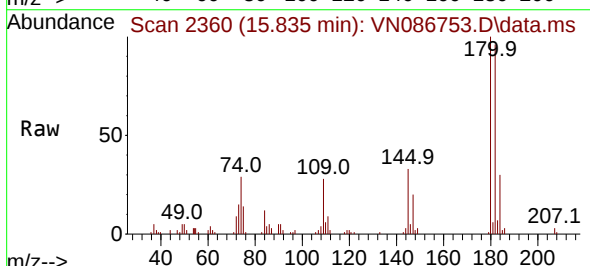
Tgt Ion:128 Resp: 159370
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.7 8.6 13.0

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



#96
1,2,3-Trichlorobenzene
Concen: 18.803 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086753.D
Acq: 22 May 2025 09:43



Tgt Ion:180 Resp: 45248
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.2
145 33.3 16.7 50.1

