

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022625\
 Data File : VN085866.D
 Acq On : 26 Feb 2025 13:07
 Operator : JC\MD
 Sample : VN0226WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2025
 Supervised By : Mahesh Dadoda 02/27/2025

Quant Time: Feb 26 22:54:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	295425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	488221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	431066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	212624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	190124	49.640	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.280%		
35) Dibromofluoromethane	8.165	113	160575	50.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.520%		
50) Toluene-d8	10.565	98	582604	50.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.240%		
62) 4-Bromofluorobenzene	12.847	95	206894	54.025	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69536	17.304	ug/l	98
3) Chloromethane	2.359	50	67699	16.789	ug/l	99
4) Vinyl Chloride	2.512	62	73344	17.179	ug/l	98
5) Bromomethane	2.959	94	47719	17.480	ug/l	97
6) Chloroethane	3.118	64	48085	17.004	ug/l	99
7) Trichlorofluoromethane	3.495	101	110993	17.956	ug/l	99
8) Diethyl Ether	3.965	74	41040	20.520	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	65685	18.383	ug/l	98
10) Methyl Iodide	4.583	142	82138	18.649	ug/l	95
11) Tert butyl alcohol	5.518	59	60720	128.897	ug/l	100
12) 1,1-Dichloroethene	4.342	96	59684	18.422	ug/l	99
13) Acrolein	4.177	56	61012	87.338	ug/l	97
14) Allyl chloride	5.018	41	75380	17.722	ug/l	96
15) Acrylonitrile	5.718	53	170764	111.507	ug/l	99
16) Acetone	4.430	43	132814	109.591	ug/l	100
17) Carbon Disulfide	4.712	76	148724	15.489	ug/l	99
18) Methyl Acetate	5.018	43	94796	22.742	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	199804	20.754	ug/l	95
20) Methylene Chloride	5.277	84	73094	18.755	ug/l	95
21) trans-1,2-Dichloroethene	5.789	96	61756	17.703	ug/l	91
22) Diisopropyl ether	6.671	45	189590	19.726	ug/l #	97
23) Vinyl Acetate	6.600	43	648787	98.587	ug/l	98
24) 1,1-Dichloroethane	6.565	63	122767	18.790	ug/l	98
25) 2-Butanone	7.483	43	207104	116.159	ug/l	95
26) 2,2-Dichloropropane	7.488	77	103710	17.851	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	74773	18.486	ug/l	100
28) Bromochloromethane	7.806	49	58175	21.663	ug/l	97
29) Tetrahydrofuran	7.841	42	136639	118.680	ug/l	98
30) Chloroform	7.965	83	128451	18.813	ug/l	99
31) Cyclohexane	8.259	56	87119	15.925	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	112370	18.503	ug/l	99
36) 1,1-Dichloropropene	8.371	75	81542	18.035	ug/l	99
37) Ethyl Acetate	7.559	43	80761	21.705	ug/l	98
38) Carbon Tetrachloride	8.359	117	99893	18.594	ug/l	97
39) Methylcyclohexane	9.600	83	75193	16.929	ug/l	95
40) Benzene	8.606	78	271329	18.724	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	45170	22.709	ug/l	97
42) 1,2-Dichloroethane	8.665	62	92279	19.550	ug/l	99
43) Isopropyl Acetate	8.688	43	140140	21.146	ug/l	100
44) Trichloroethene	9.353	130	64881	18.235	ug/l	97
45) 1,2-Dichloropropane	9.624	63	67800	19.383	ug/l	97
46) Dibromomethane	9.706	93	49926	20.235	ug/l	98
47) Bromodichloromethane	9.888	83	104475	19.792	ug/l	98
48) Methyl methacrylate	9.677	41	59404	21.498	ug/l	97
49) 1,4-Dioxane	9.694	88	29747	566.100	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	428940	119.570	ug/l	100
52) Toluene	10.629	92	167204	19.684	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	97076	19.888	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	107513	20.087	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	68339	20.234	ug/l	97
56) Ethyl methacrylate	10.871	69	95569	21.322	ug/l	98
57) 1,3-Dichloropropane	11.165	76	113662	20.160	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	188050	115.989	ug/l	99
59) 2-Hexanone	11.194	43	307566	124.627	ug/l	100
60) Dibromochloromethane	11.359	129	81780	20.795	ug/l	99
61) 1,2-Dibromoethane	11.465	107	68309	21.406	ug/l	97
64) Tetrachloroethene	11.100	164	61229	18.335	ug/l	97
65) Chlorobenzene	11.888	112	187485	18.986	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	69062	19.457	ug/l	99
67) Ethyl Benzene	11.965	91	291064	18.816	ug/l	97
68) m/p-Xylenes	12.070	106	236721	40.287	ug/l	99
69) o-Xylene	12.400	106	110623	19.812	ug/l	99
70) Styrene	12.412	104	187137	19.478	ug/l	98
71) Bromoform	12.576	173	57680	21.870	ug/l #	96
73) Isopropylbenzene	12.694	105	270718	18.585	ug/l	99
74) N-amyl acetate	12.494	43	105153	20.470	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	102391	20.427	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	104860m	22.202	ug/l	
77) Bromobenzene	12.976	156	76241	19.373	ug/l	97
78) n-propylbenzene	13.035	91	318223	19.075	ug/l	100
79) 2-Chlorotoluene	13.123	91	207684	18.633	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	234522	19.764	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	35343	21.834	ug/l	99
82) 4-Chlorotoluene	13.217	91	213796	19.348	ug/l	100
83) tert-Butylbenzene	13.435	119	192801	19.322	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	237581	20.237	ug/l	99
85) sec-Butylbenzene	13.617	105	264622	18.770	ug/l	100
86) p-Isopropyltoluene	13.729	119	219287	18.276	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	136525	18.516	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	137152	18.149	ug/l	99
89) n-Butylbenzene	14.053	91	170233	17.007	ug/l	97
90) Hexachloroethane	14.329	117	47792	17.899	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	135292	19.081	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18821	20.447	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	59634	17.651	ug/l	98
94) Hexachlorobutadiene	15.500	225	32961	16.053	ug/l	97
95) Naphthalene	15.641	128	175142	18.882	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	61447	18.116	ug/l	99

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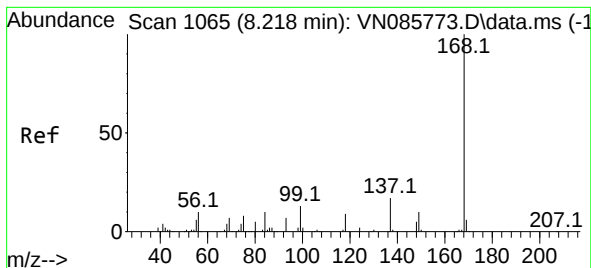
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

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. 0.006 min

Lab File: VN085866.D

Acq: 26 Feb 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion:168 Resp: 29542

Ion Ratio Lower Upper

168 100

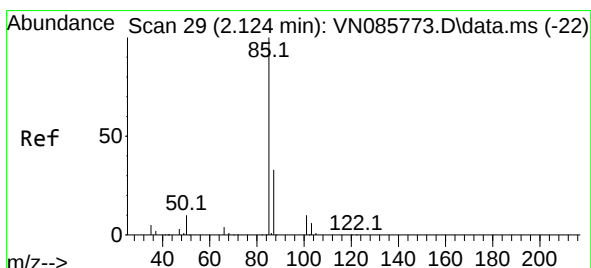
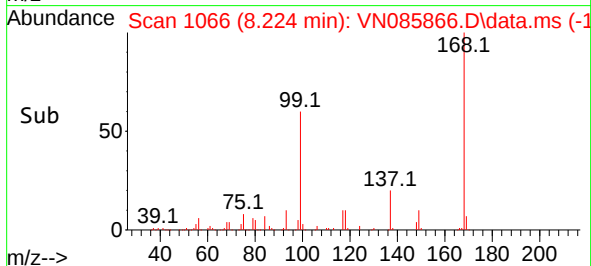
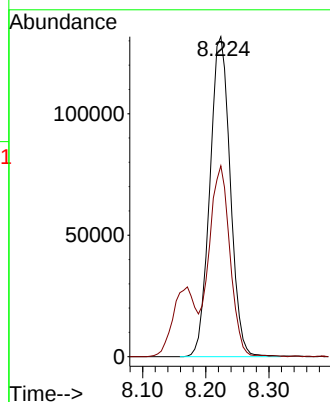
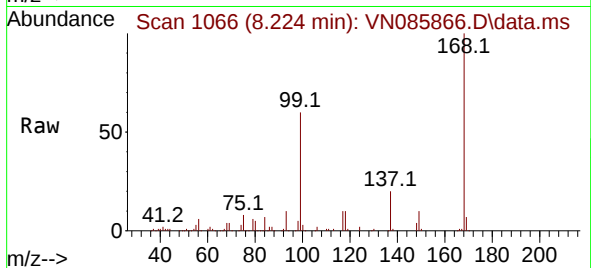
99 59.5 47.9 71.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.304 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN085866.D

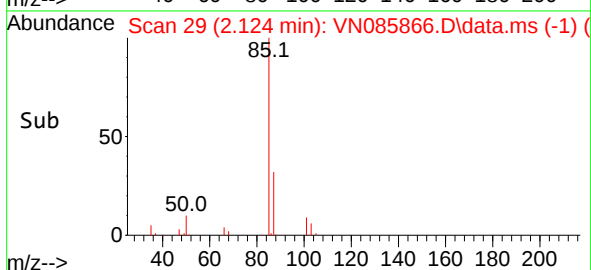
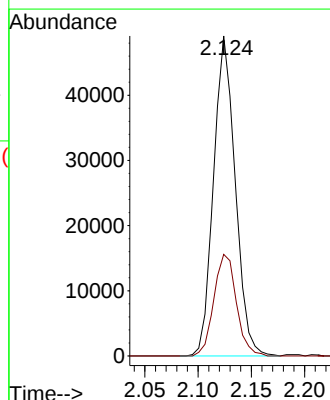
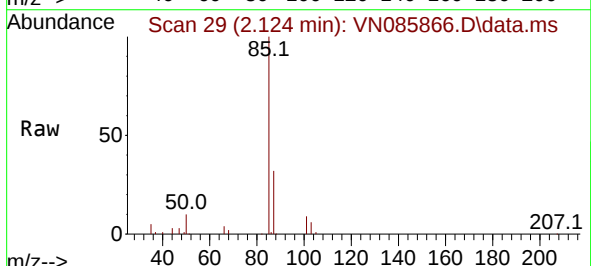
Acq: 26 Feb 2025 13:07

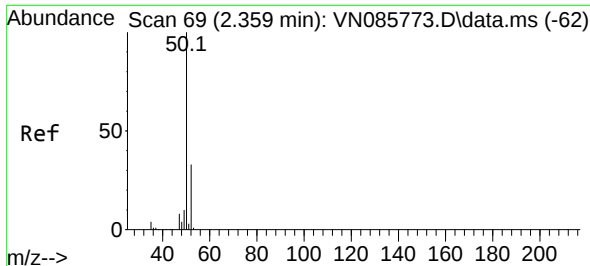
Tgt Ion: 85 Resp: 69536

Ion Ratio Lower Upper

85 100

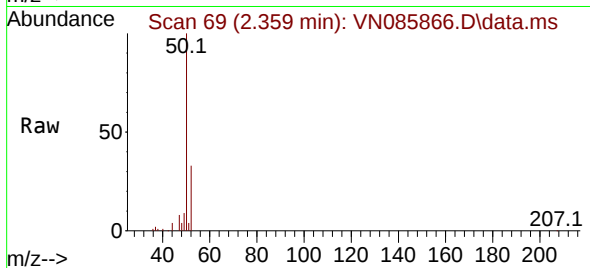
87 31.7 16.4 49.2





#3
Chloromethane
Concen: 16.789 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

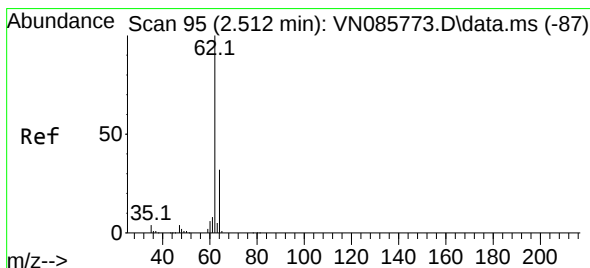
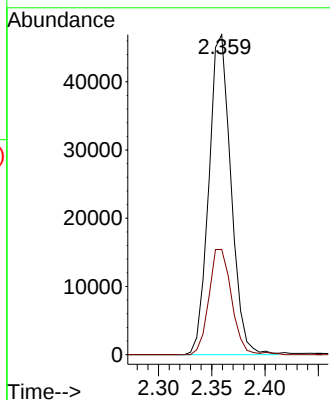
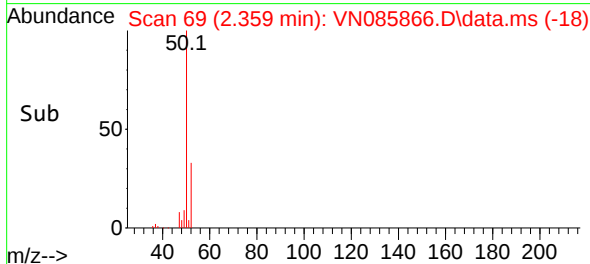
Instrument :
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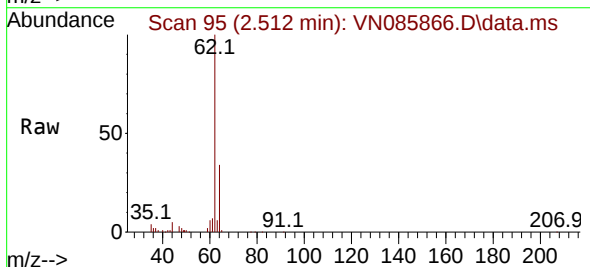
Tgt Ion: 50 Resp: 67699
Ion Ratio Lower Upper
50 100
52 32.9 26.7 40.1

Manual Integrations
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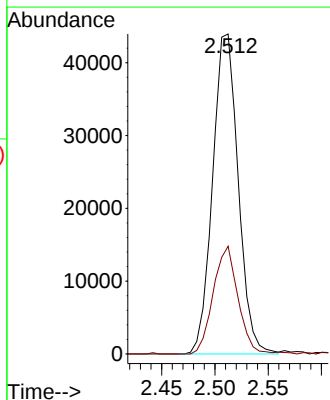
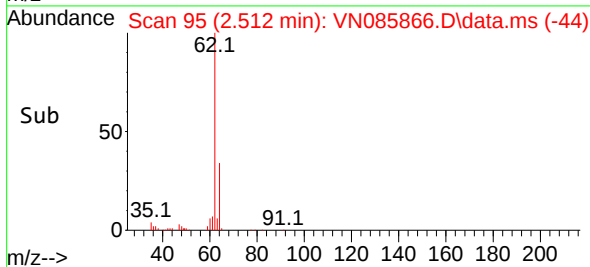
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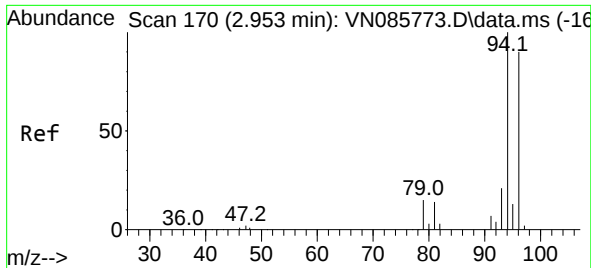


#4
Vinyl Chloride
Concen: 17.179 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



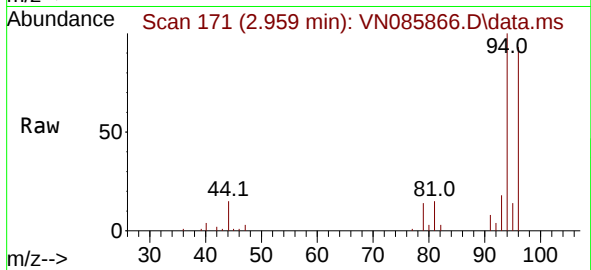
Tgt Ion: 62 Resp: 73344
Ion Ratio Lower Upper
62 100
64 33.6 25.9 38.9





#5
Bromomethane
Concen: 17.480 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

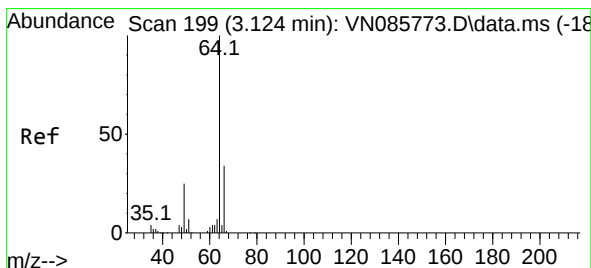
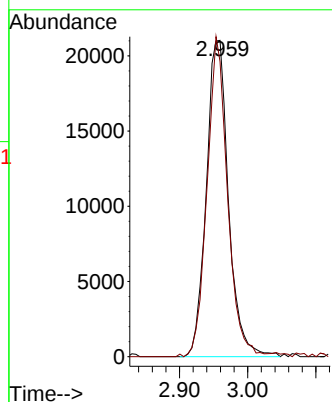
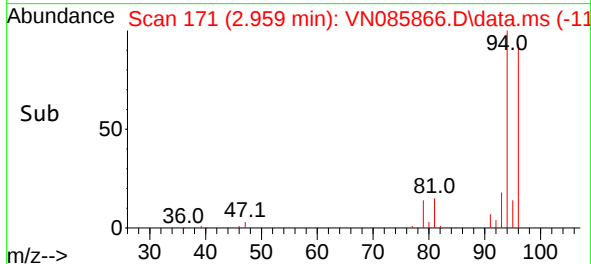
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Tgt Ion: 94 Resp: 47719
Ion Ratio Lower Upper
94 100
96 92.5 71.7 107.5

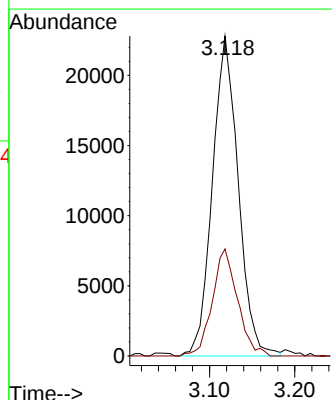
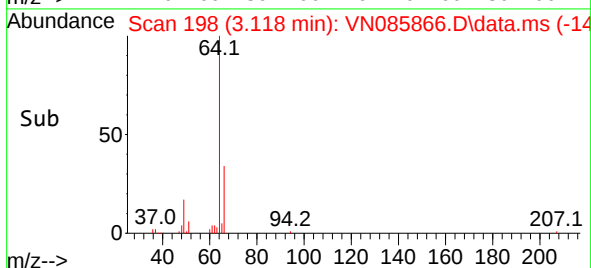
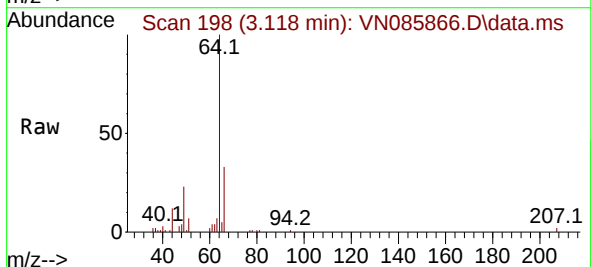
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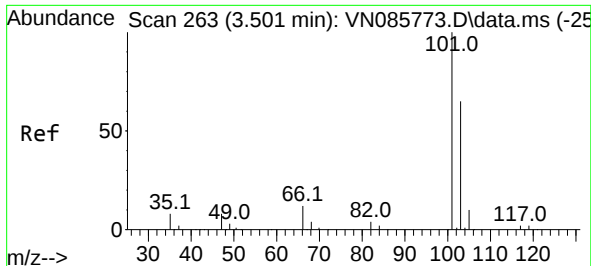
Reviewed By :John Carlone 02/27/2025
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#6
Chloroethane
Concen: 17.004 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085866.D
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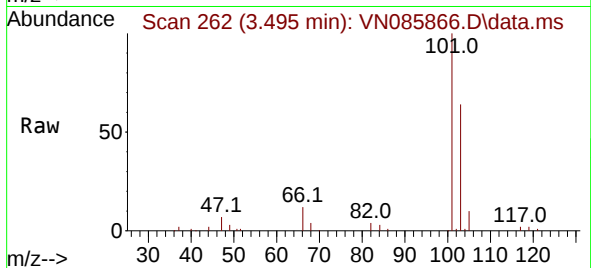
Tgt Ion: 64 Resp: 48085
Ion Ratio Lower Upper
64 100
66 33.5 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 17.956 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN085866.D
 Acq: 26 Feb 2025 13:07

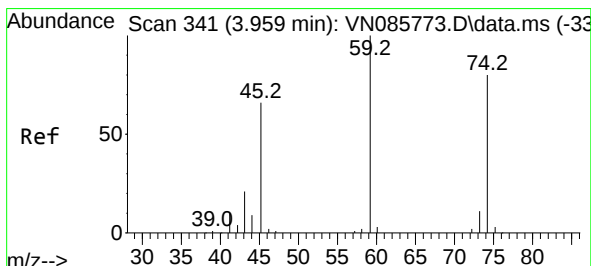
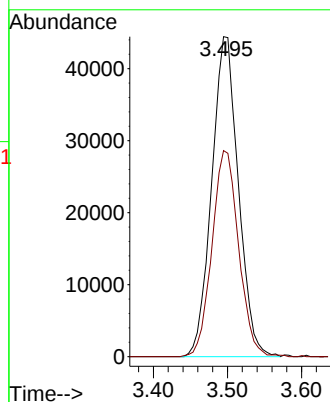
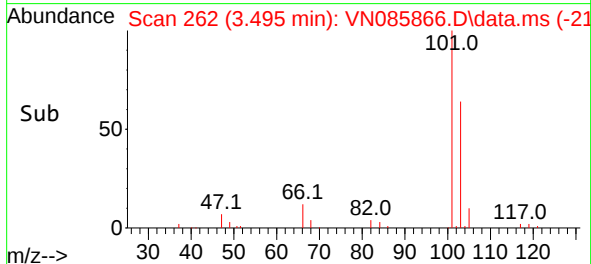
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Tgt Ion:101 Resp: 11099
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.2 78.4

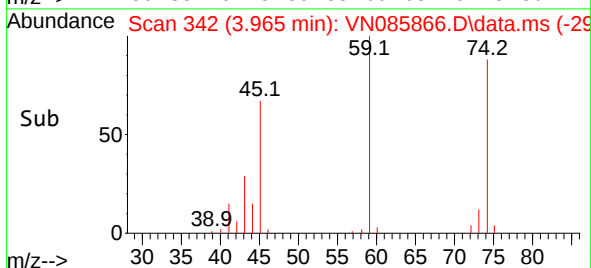
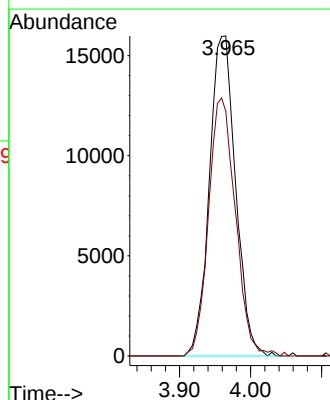
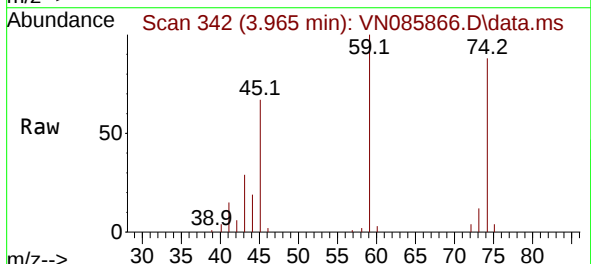
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#8
 Diethyl Ether
 Concen: 20.520 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN085866.D
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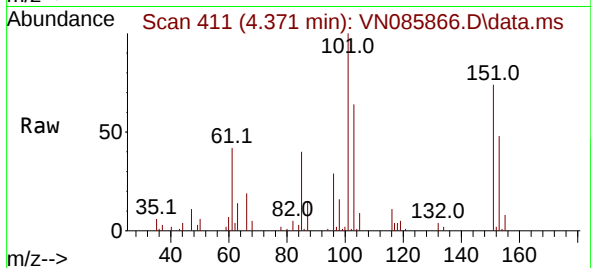
Tgt Ion: 74 Resp: 41040
 Ion Ratio Lower Upper
 74 100
 45 82.4 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.383 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

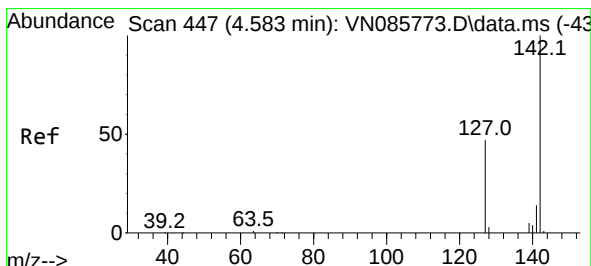
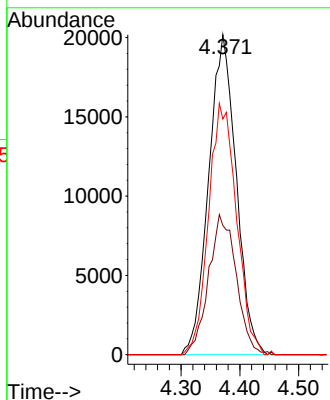
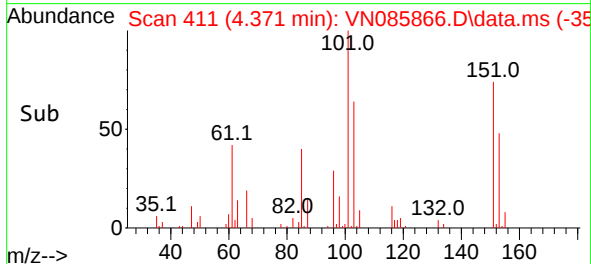
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion:101 Resp: 6568
Ion Ratio Lower Upper
101 100
85 44.0 35.7 53.5
151 79.7 61.4 92.2

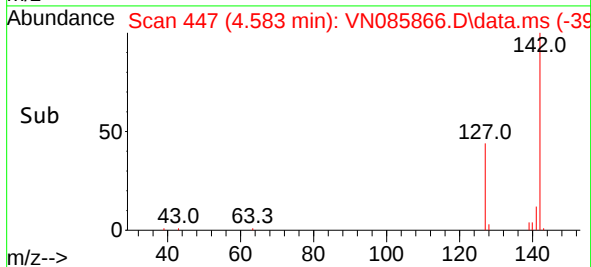
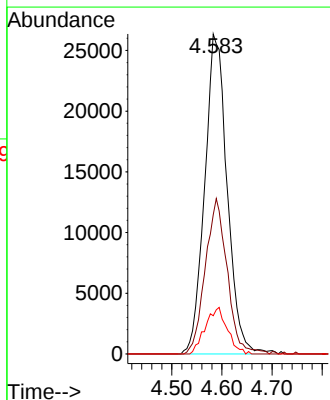
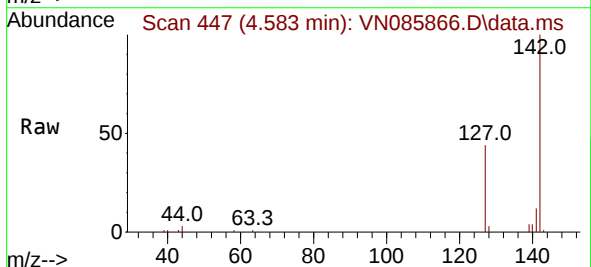
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#10
Methyl Iodide
Concen: 18.649 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

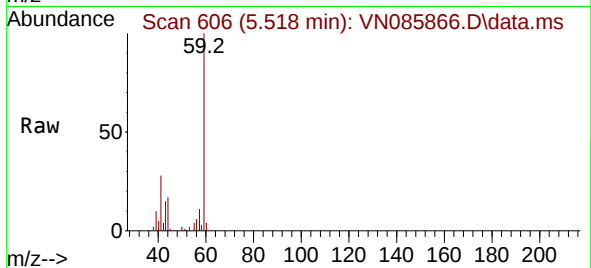
Tgt Ion:142 Resp: 82138
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 11.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 128.897 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

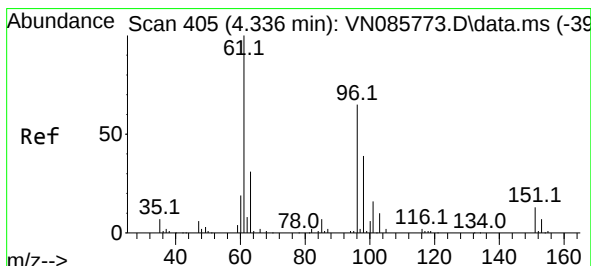
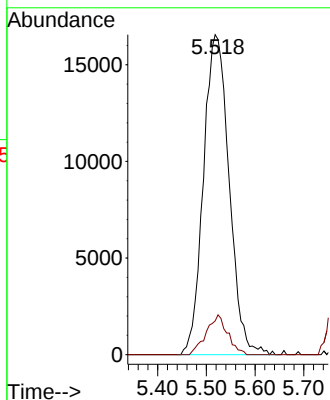
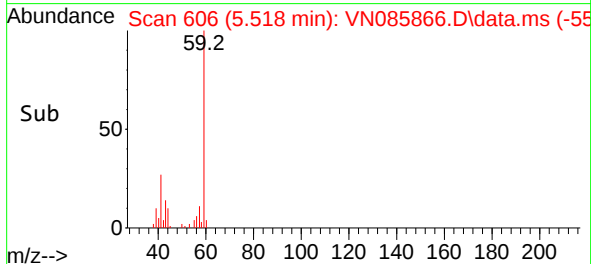
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



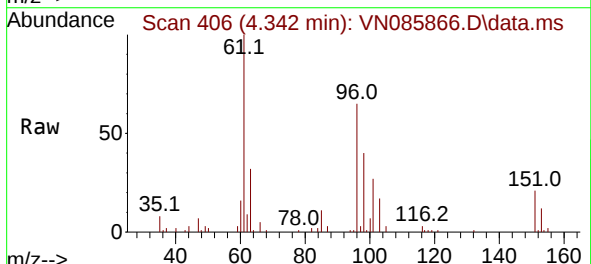
Tgt Ion: 59 Resp: 60720
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

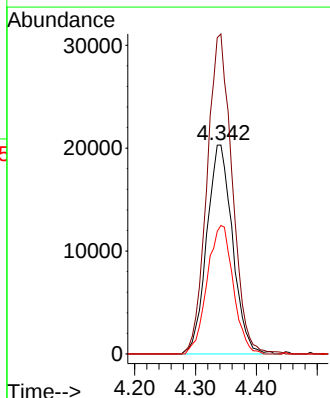
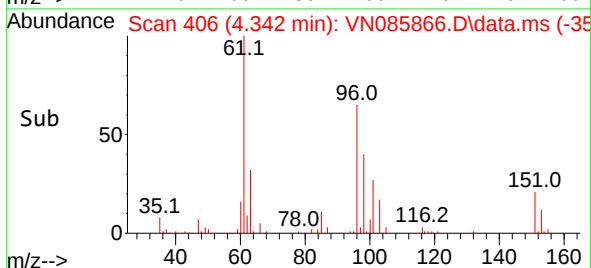
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

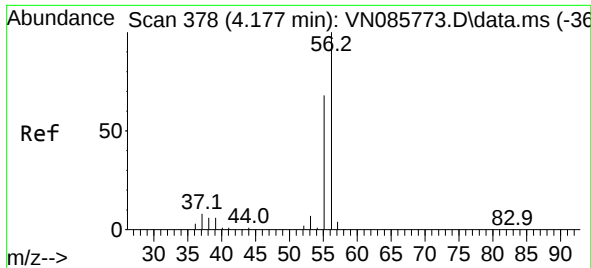


#12
1,1-Dichloroethene
Concen: 18.422 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



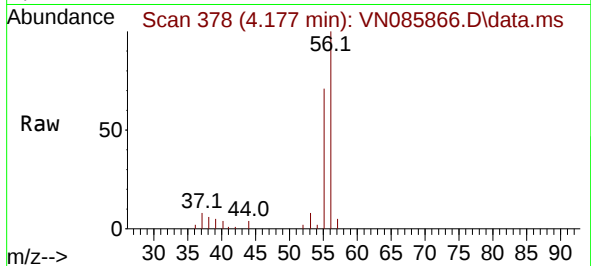
Tgt Ion: 96 Resp: 59684
Ion Ratio Lower Upper
96 100
61 153.2 123.3 184.9
98 61.5 48.6 72.8





#13
Acrolein
Concen: 87.338 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

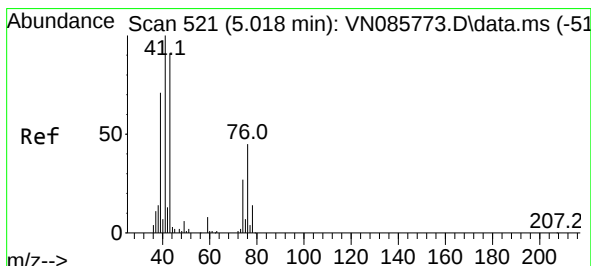
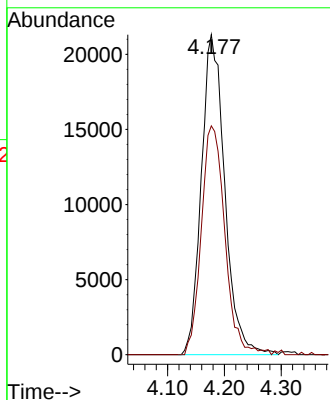
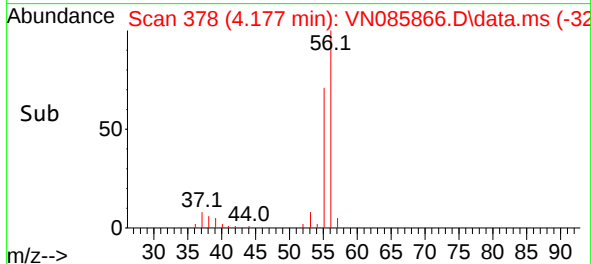
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



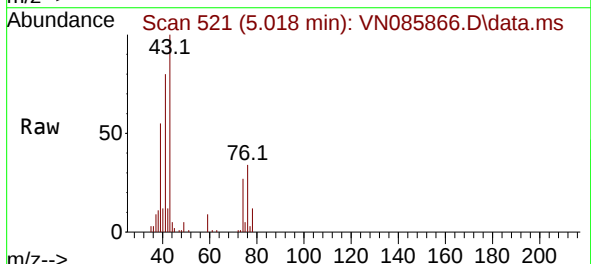
Tgt Ion: 56 Resp: 6101
Ion Ratio Lower Upper
56 100
55 71.8 55.3 82.9

Manual Integrations
APPROVED

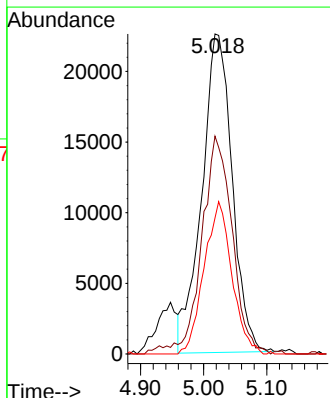
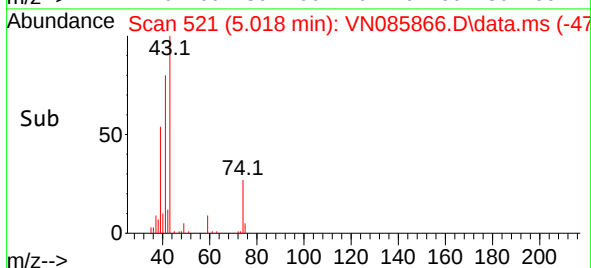
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#14
Allyl chloride
Concen: 17.722 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



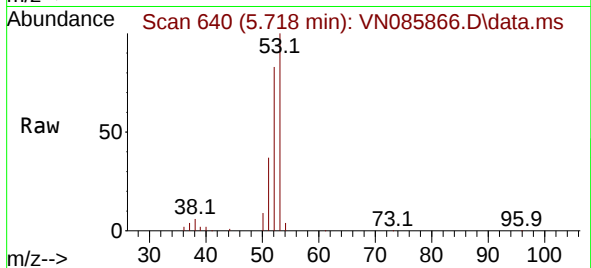
Tgt Ion: 41 Resp: 75380
Ion Ratio Lower Upper
41 100
39 67.4 57.4 86.2
76 43.8 36.2 54.2





#15
Acrylonitrile
Concen: 111.507 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

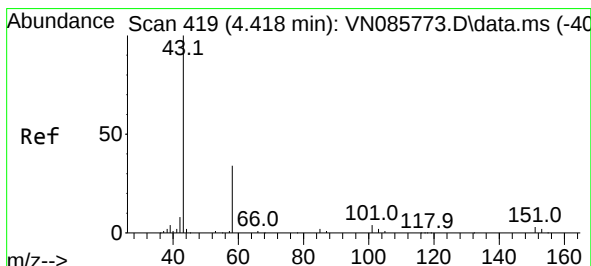
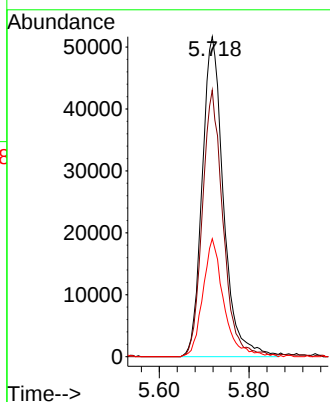
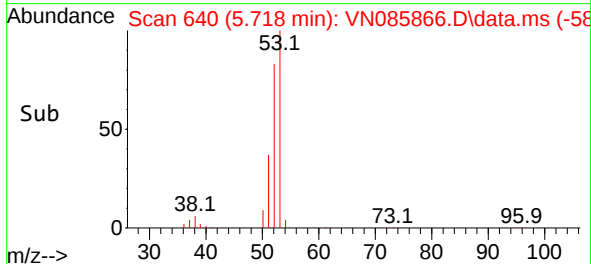
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



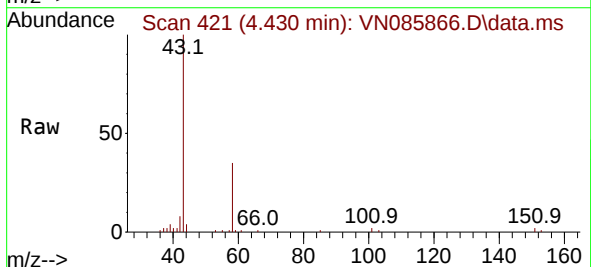
Tgt Ion: 53 Resp: 170764
Ion Ratio Lower Upper
53 100
52 80.6 65.8 98.6
51 36.2 28.6 42.8

Manual Integrations
APPROVED

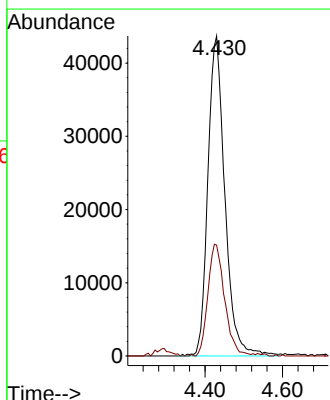
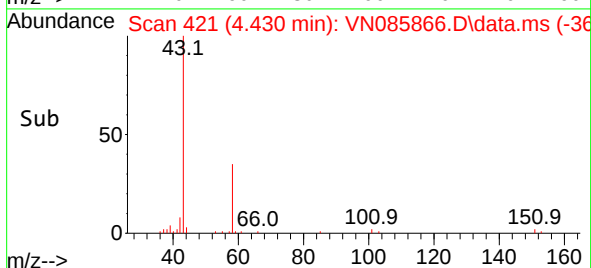
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

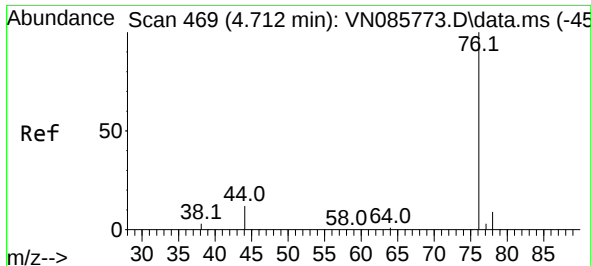


#16
Acetone
Concen: 109.591 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



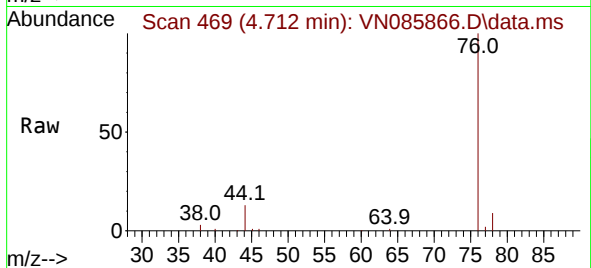
Tgt Ion: 43 Resp: 132814
Ion Ratio Lower Upper
43 100
58 34.7 27.5 41.3





#17
Carbon Disulfide
Concen: 15.489 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

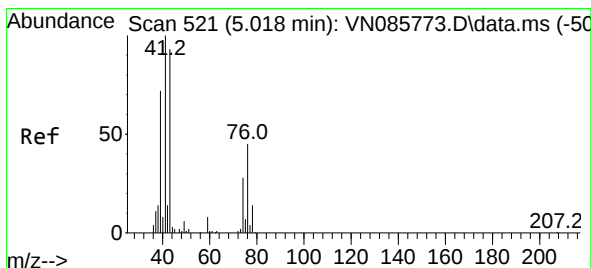
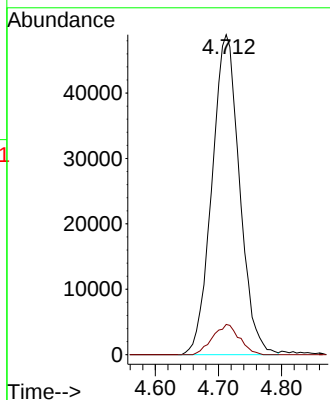
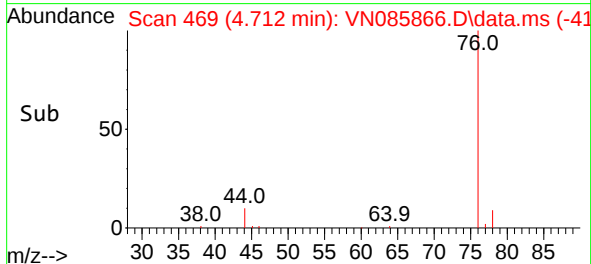
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 76 Resp: 148724
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

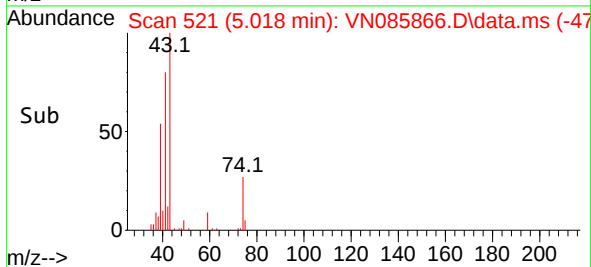
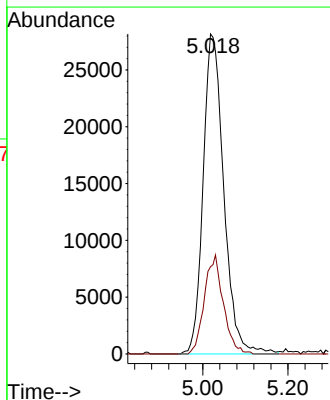
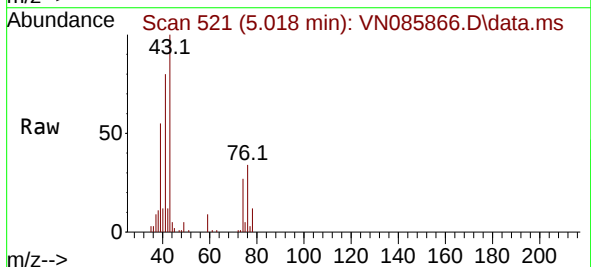
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#18
Methyl Acetate
Concen: 22.742 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

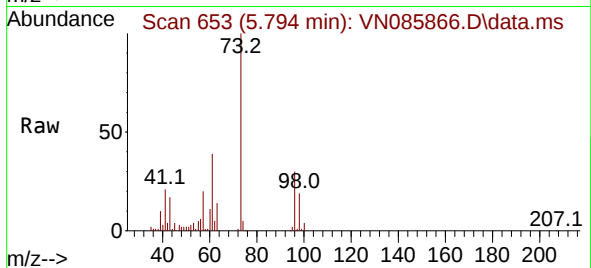
Tgt Ion: 43 Resp: 94796
Ion Ratio Lower Upper
43 100
74 28.3 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 20.754 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

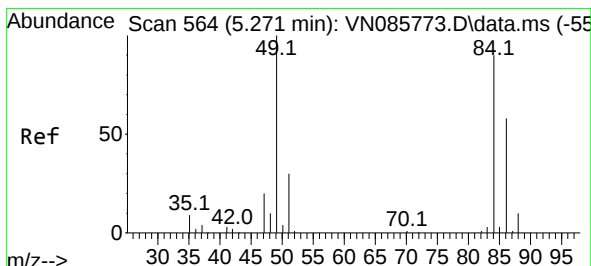
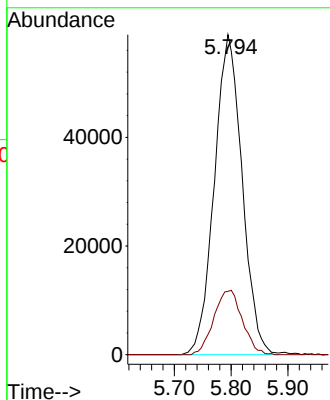
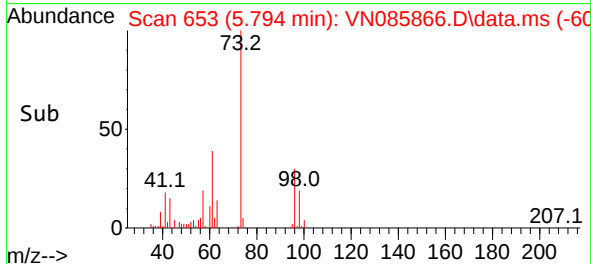
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 73 Resp: 199804
Ion Ratio Lower Upper
73 100
57 19.8 17.6 26.4

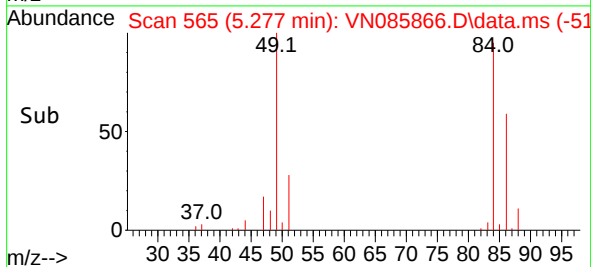
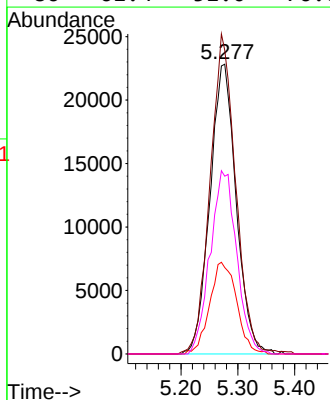
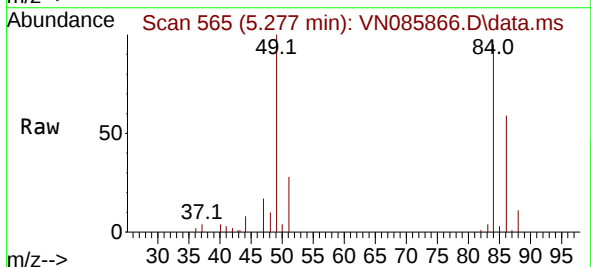
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#20
Methylene Chloride
Concen: 18.755 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

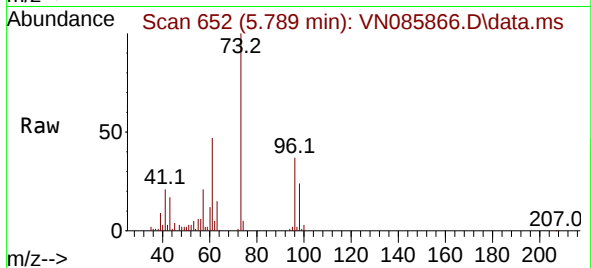
Tgt Ion: 84 Resp: 73094
Ion Ratio Lower Upper
84 100
49 104.8 88.4 132.6
51 29.8 26.6 40.0
86 61.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 17.703 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

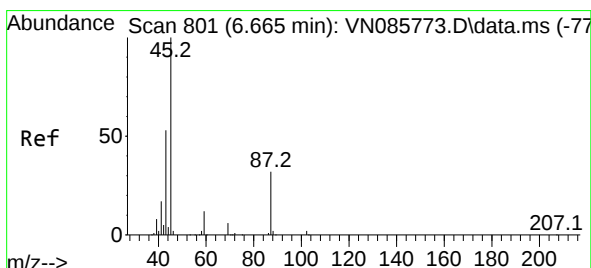
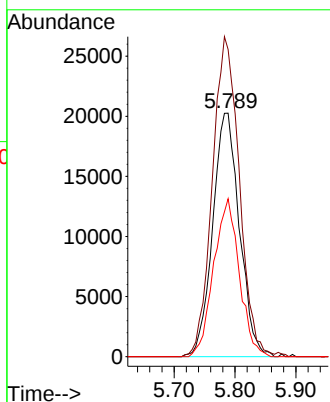
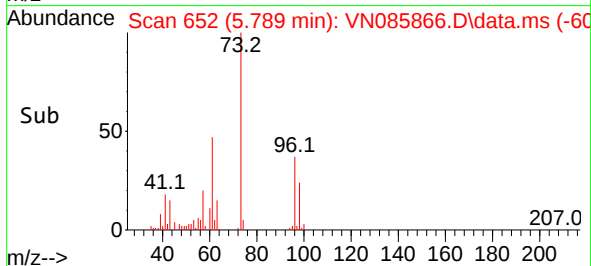
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 96 Resp: 61750
Ion Ratio Lower Upper
96 100
61 126.1 112.6 168.8
98 64.9 53.3 79.9

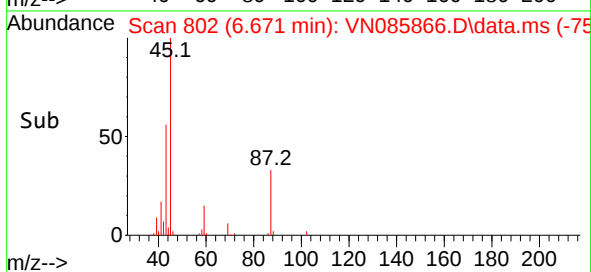
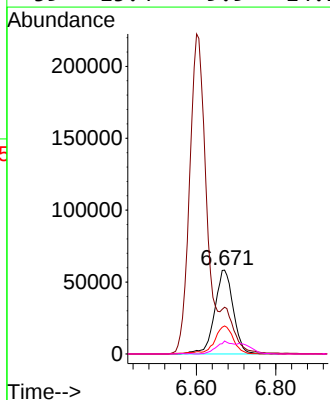
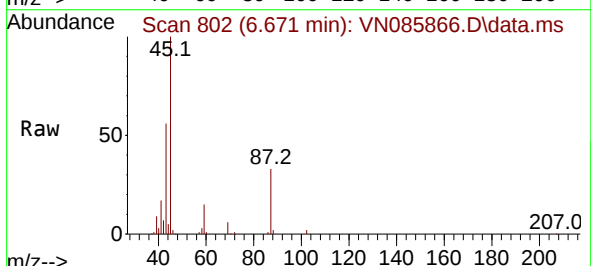
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#22
Diisopropyl ether
Concen: 19.726 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

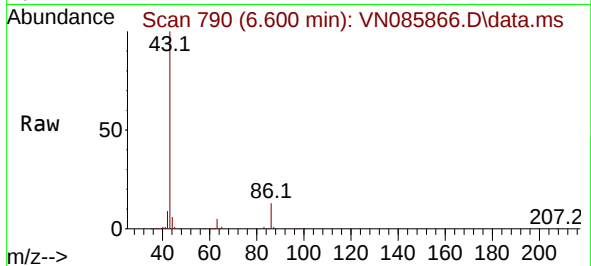
Tgt Ion: 45 Resp: 189590
Ion Ratio Lower Upper
45 100
43 54.6 42.6 64.0
87 33.4 25.8 38.8
59 15.4 9.9 14.9#





#23
 Vinyl Acetate
 Concen: 98.587 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085866.D
 Acq: 26 Feb 2025 13:07

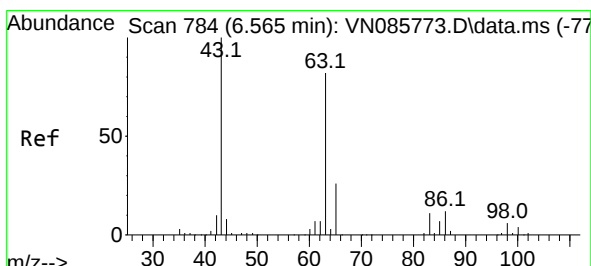
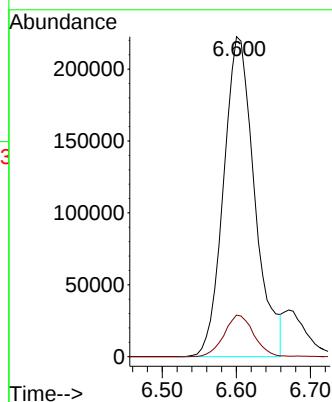
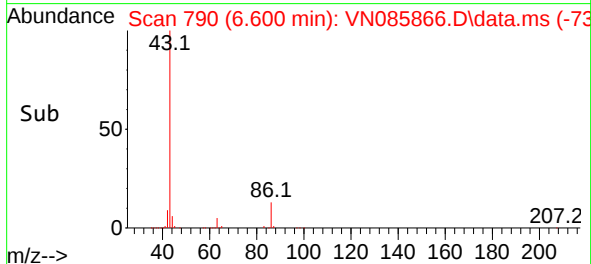
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01



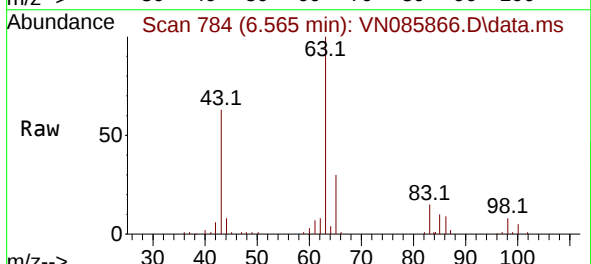
Tgt Ion: 43 Resp: 64878
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.8 14.8

Manual Integrations
 APPROVED

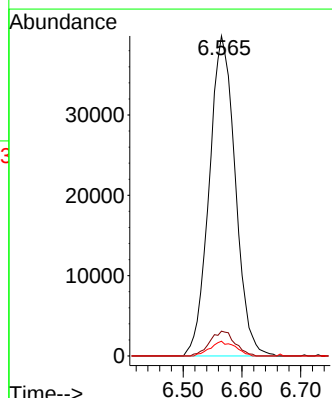
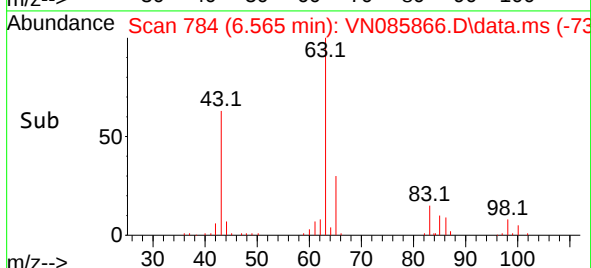
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

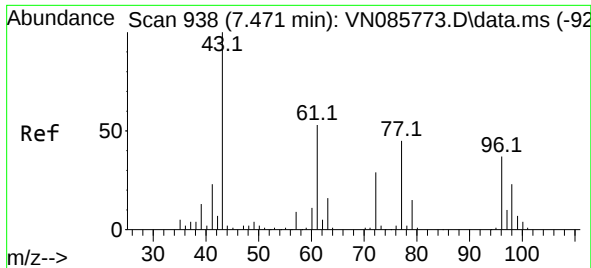


#24
 1,1-Dichloroethane
 Concen: 18.790 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085866.D
 Acq: 26 Feb 2025 13:07



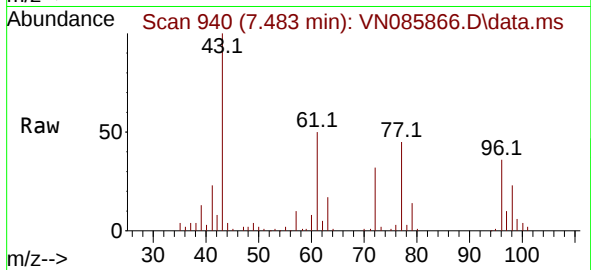
Tgt Ion: 63 Resp: 122767
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 116.159 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

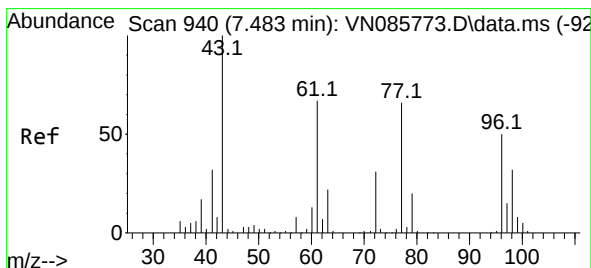
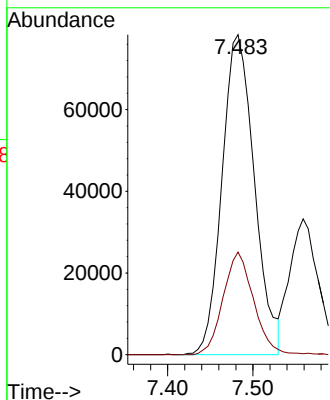
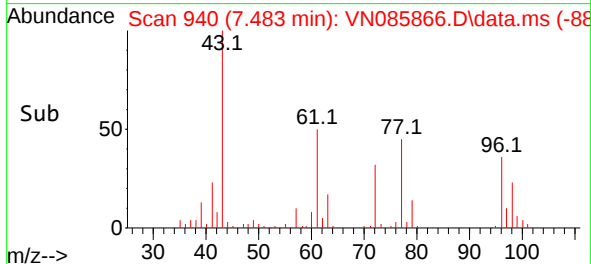
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



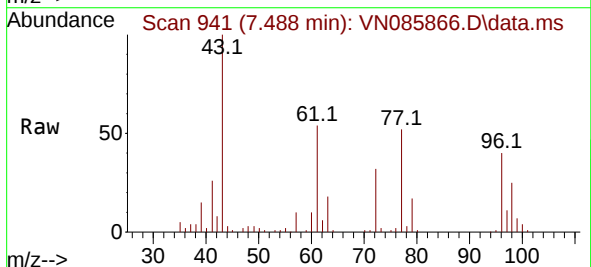
Tgt Ion: 43 Resp: 207104
Ion Ratio Lower Upper
43 100
72 32.0 23.6 35.4

Manual Integrations
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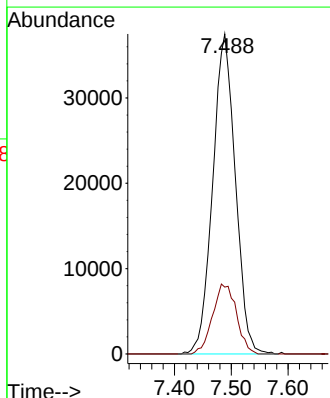
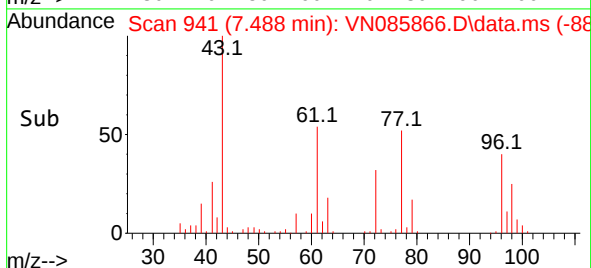
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#26
2,2-Dichloropropane
Concen: 17.851 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



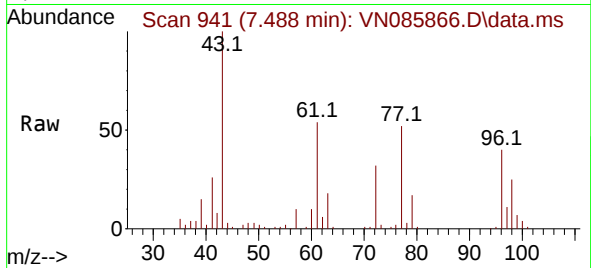
Tgt Ion: 77 Resp: 103710
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.486 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085866.D
 Acq: 26 Feb 2025 13:07

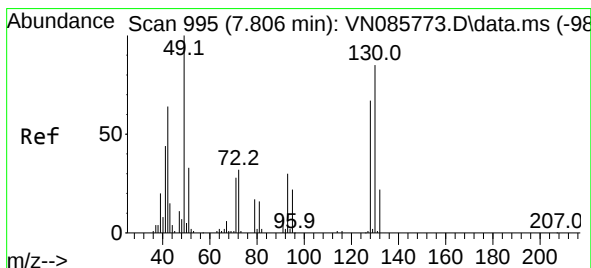
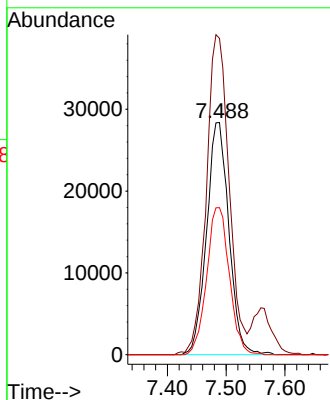
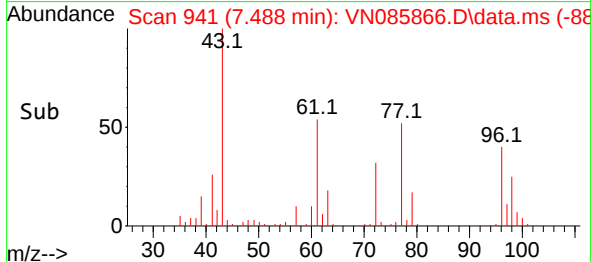
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01



Tgt Ion: 96 Resp: 7477
 Ion Ratio Lower Upper
 96 100
 61 140.0 0.0 280.6
 98 64.3 0.0 128.6

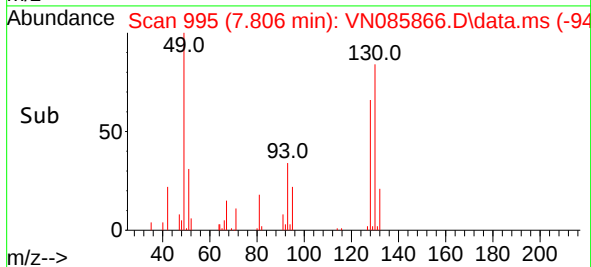
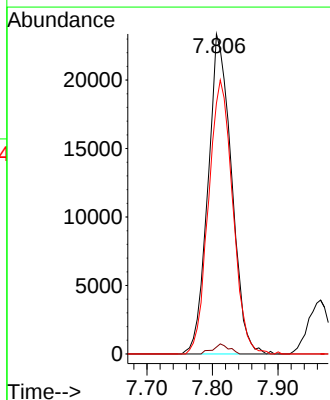
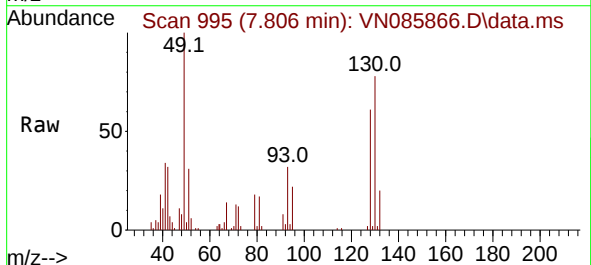
Manual Integrations
 APPROVED

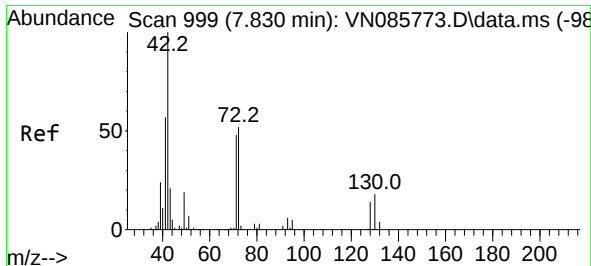
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#28
 Bromochloromethane
 Concen: 21.663 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085866.D
 Acq: 26 Feb 2025 13:07

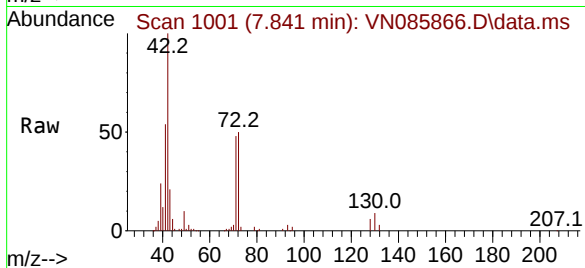
Tgt Ion: 49 Resp: 58175
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 87.9 68.0 102.0





#29
Tetrahydrofuran
Concen: 118.680 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

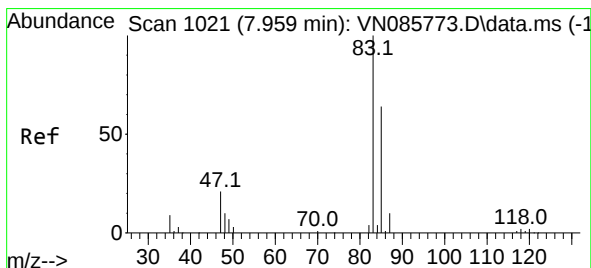
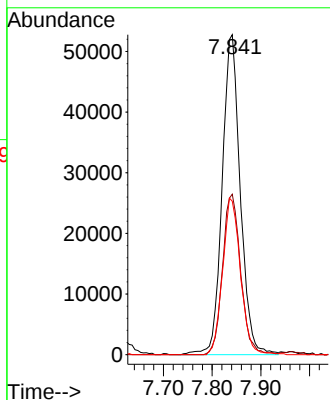
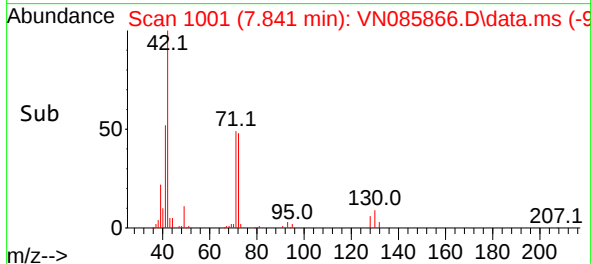
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 42 Resp: 136639
Ion Ratio Lower Upper
42 100
72 50.1 40.0 60.0
71 48.2 37.0 55.4

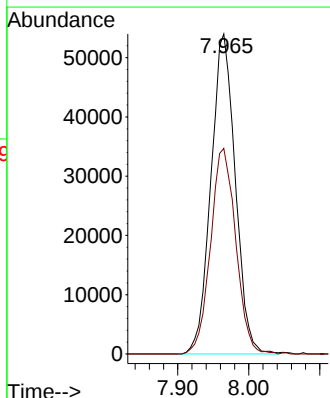
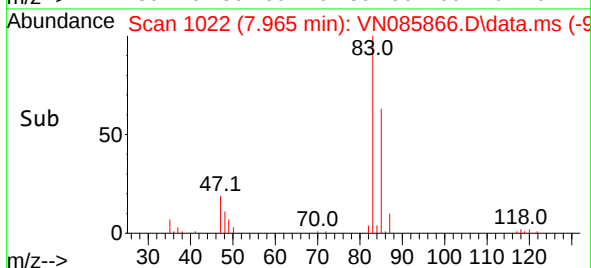
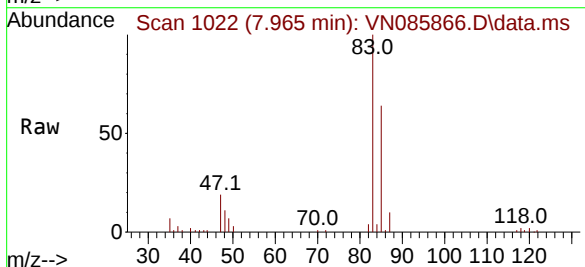
Manual Integrations
APPROVED

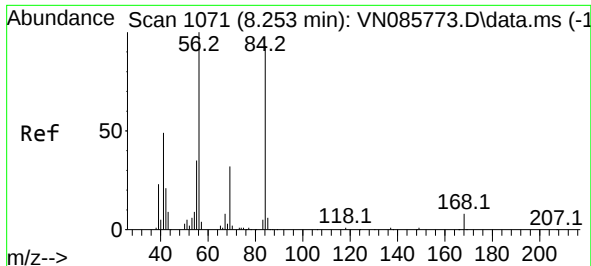
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#30
Chloroform
Concen: 18.813 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

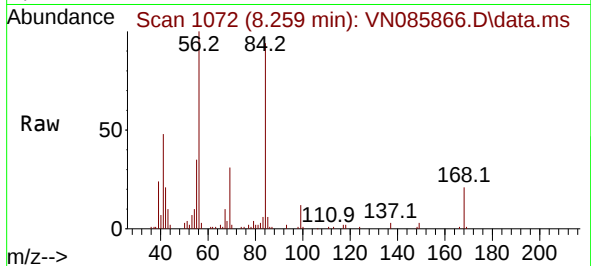
Tgt Ion: 83 Resp: 128451
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3





#31
Cyclohexane
Concen: 15.925 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

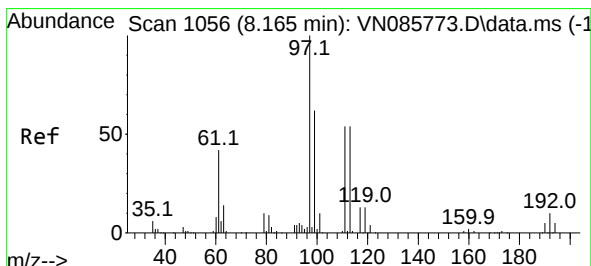
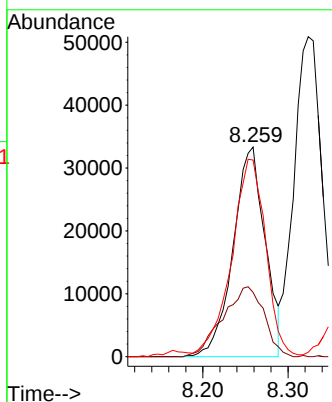
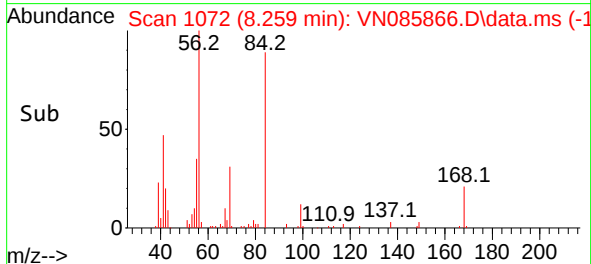
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 56 Resp: 87119
Ion Ratio Lower Upper
56 100
69 30.7 25.8 38.6
84 91.5 74.5 111.7

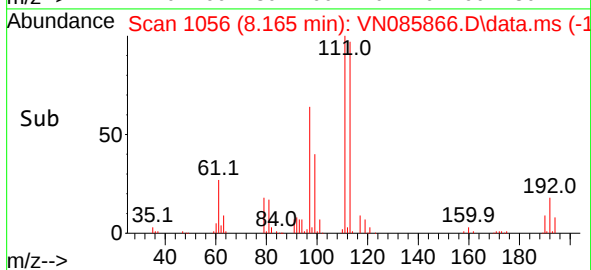
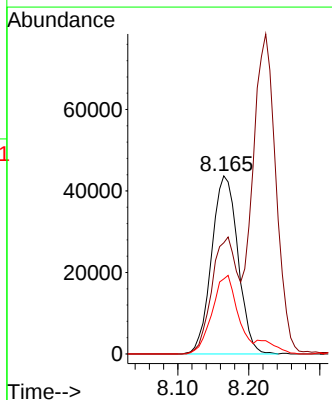
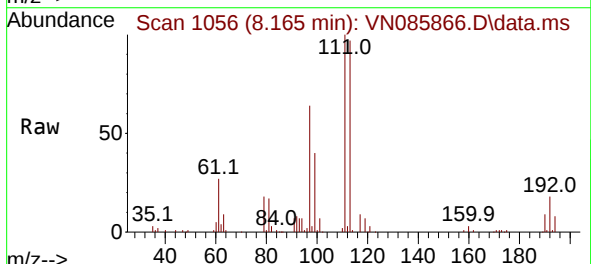
Manual Integrations
APPROVED

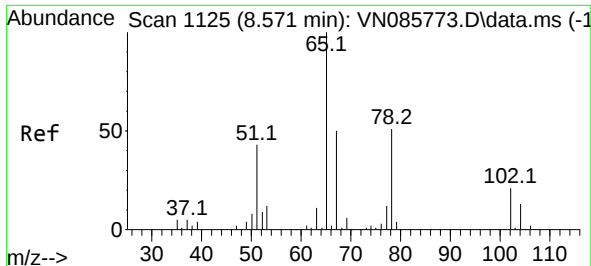
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#32
1,1,1-Trichloroethane
Concen: 18.503 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

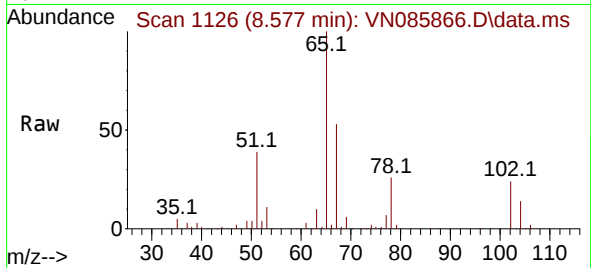
Tgt Ion: 97 Resp: 112370
Ion Ratio Lower Upper
97 100
99 63.7 50.4 75.6
61 43.1 35.5 53.3





#33
1,2-Dichloroethane-d4
Concen: 49.640 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

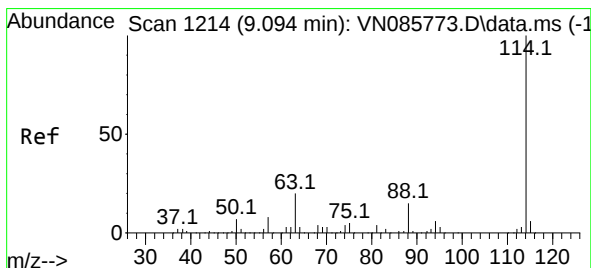
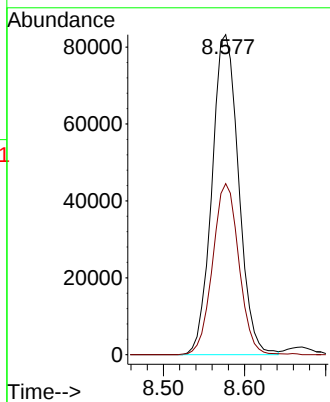
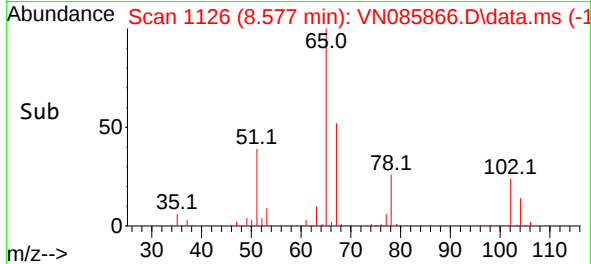
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



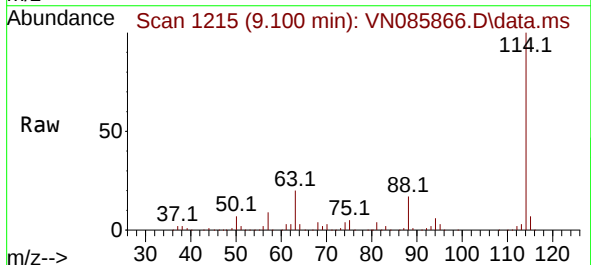
Tgt Ion: 65 Resp: 190124
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.2

Manual Integrations
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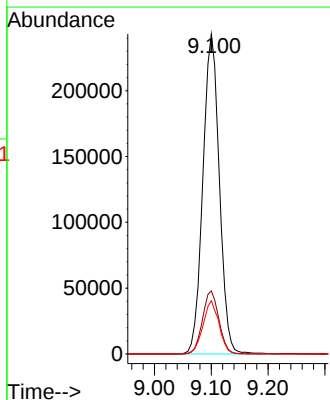
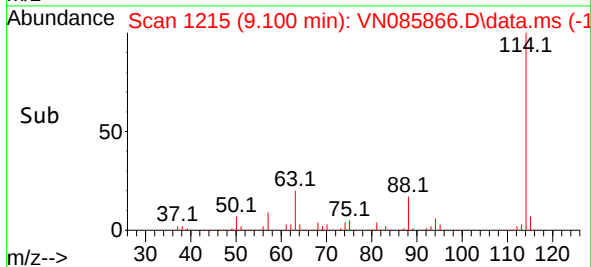
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



Tgt Ion:114 Resp: 488221
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 16.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.263 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085866.D

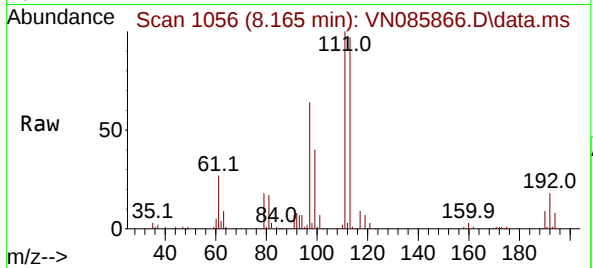
Acq: 26 Feb 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01



Tgt Ion: 113 Resp: 16057

Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

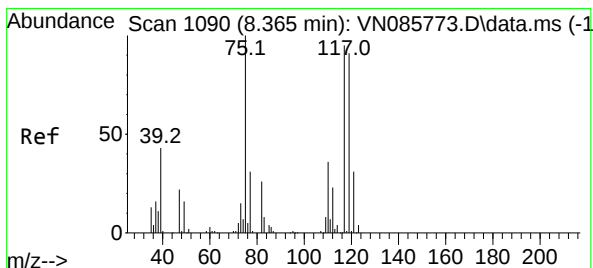
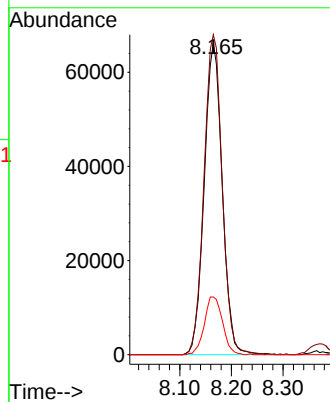
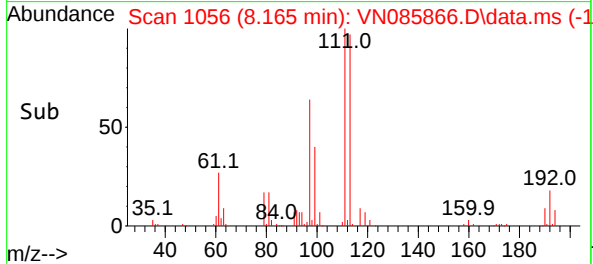
192 18.7 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#36

1,1-Dichloropropene

Concen: 18.035 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085866.D

Acq: 26 Feb 2025 13:07

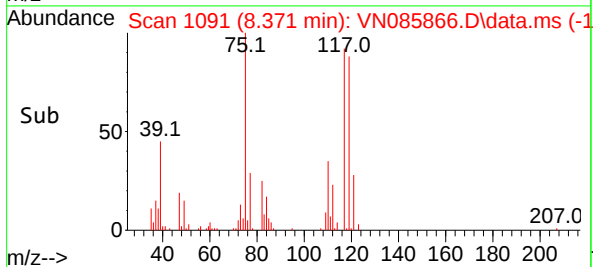
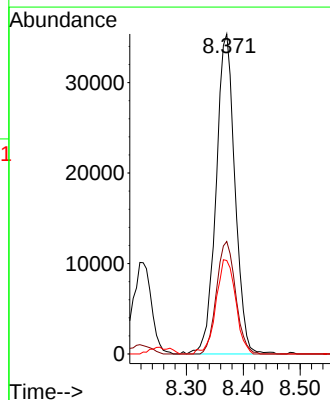
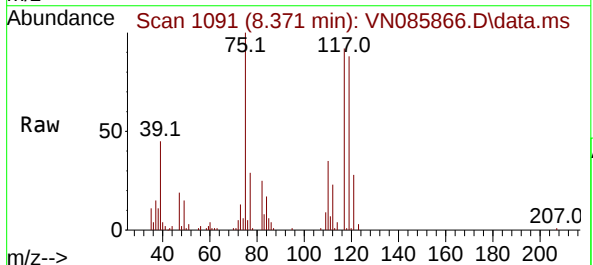
Tgt Ion: 75 Resp: 81542

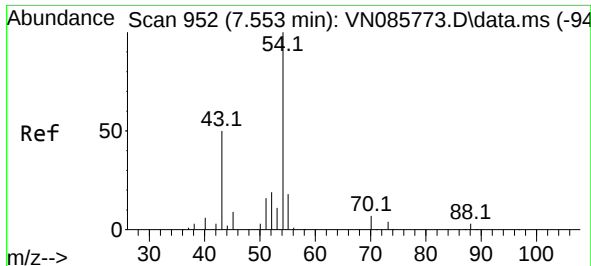
Ion Ratio Lower Upper

75 100

110 35.5 17.3 52.0

77 30.7 24.6 37.0





#37

Ethyl Acetate

Concen: 21.705 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085866.D

Acq: 26 Feb 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion: 43 Resp: 8076

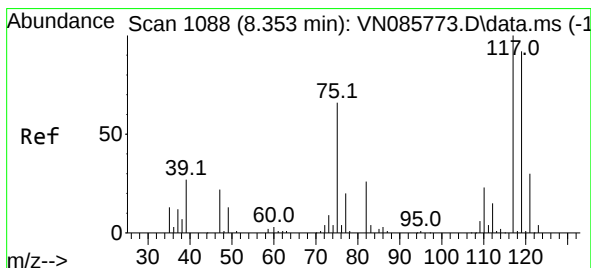
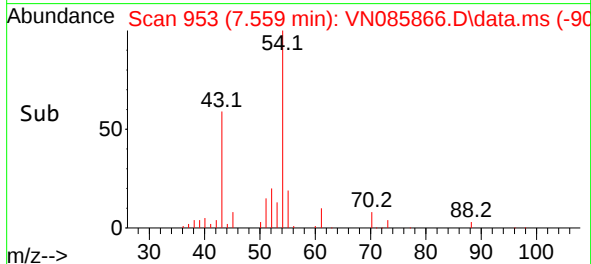
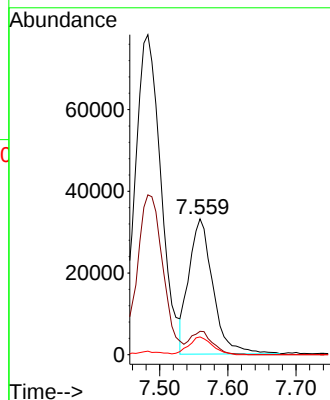
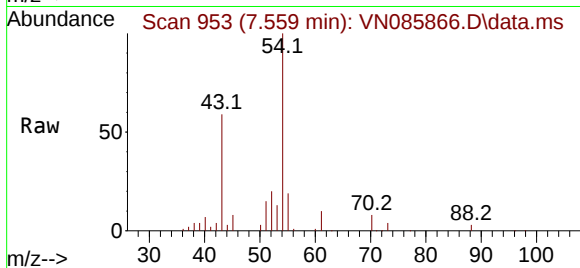
Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.2	18.2
70	12.8	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#38

Carbon Tetrachloride

Concen: 18.594 ug/l

RT: 8.359 min Scan# 1089

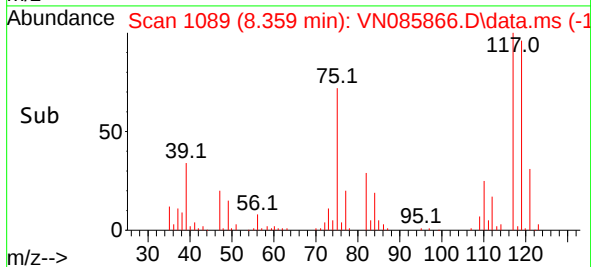
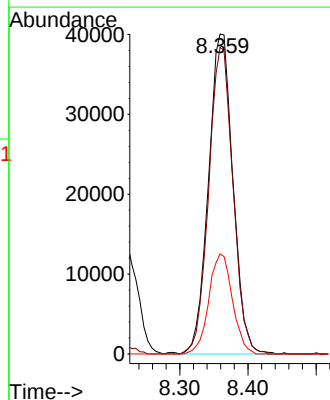
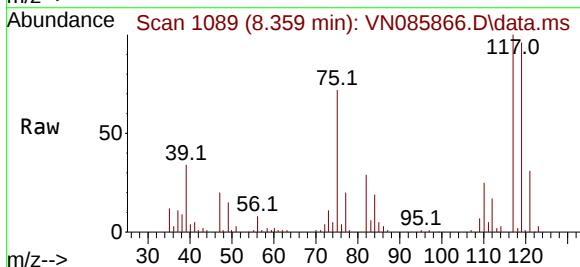
Delta R.T. 0.006 min

Lab File: VN085866.D

Acq: 26 Feb 2025 13:07

Tgt Ion:117 Resp: 99893

Ion	Ratio	Lower	Upper
117	100		
119	95.8	73.8	110.6
121	31.3	24.3	36.5





#39

Methylcyclohexane

Concen: 16.929 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085866.D

Acq: 26 Feb 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion: 83 Resp: 7519

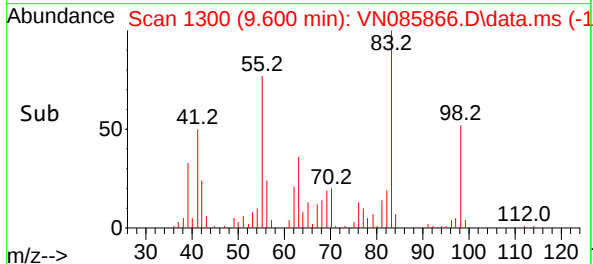
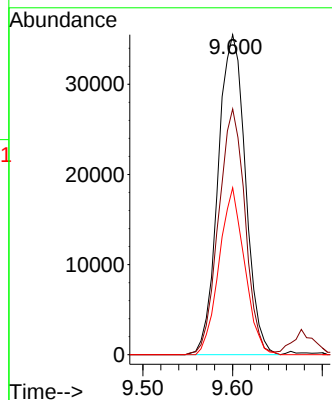
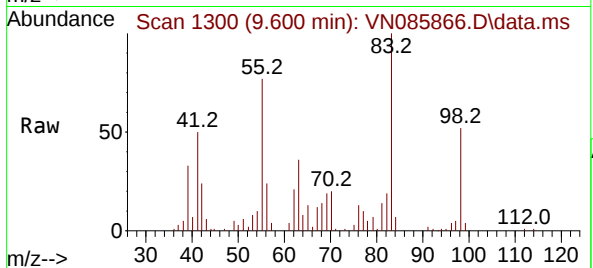
Ion	Ratio	Lower	Upper
83	100		
55	76.8	57.5	86.3
98	52.1	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#40

Benzene

Concen: 18.724 ug/l

RT: 8.606 min Scan# 1131

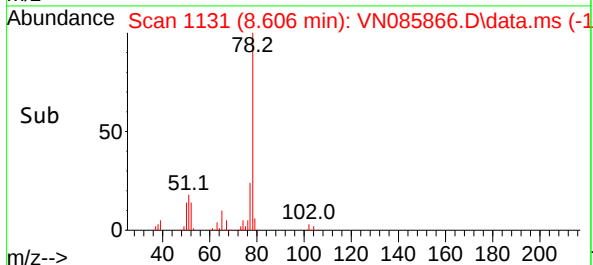
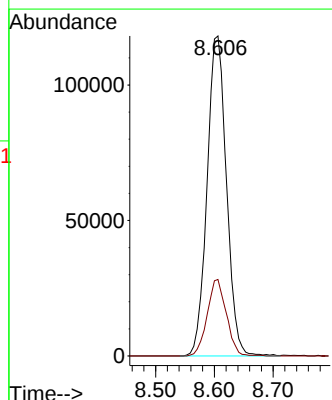
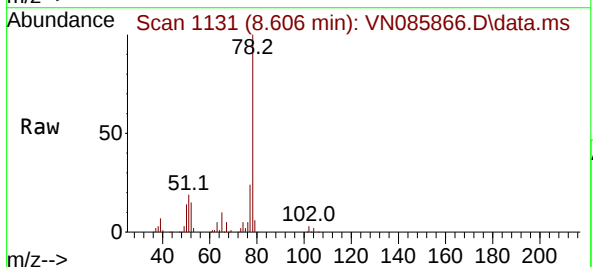
Delta R.T. 0.006 min

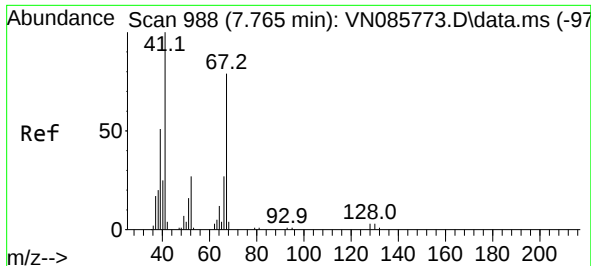
Lab File: VN085866.D

Acq: 26 Feb 2025 13:07

Tgt Ion: 78 Resp: 271329

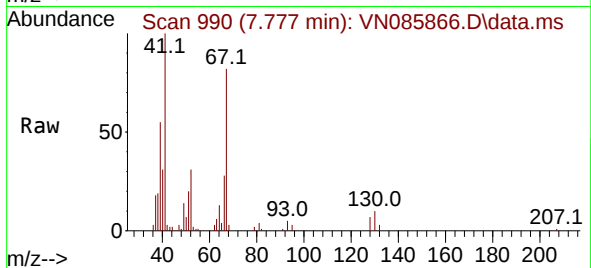
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.3	27.5





#41
Methacrylonitrile
Concen: 22.709 ug/l
RT: 7.777 min Scan# 988
Delta R.T. 0.012 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

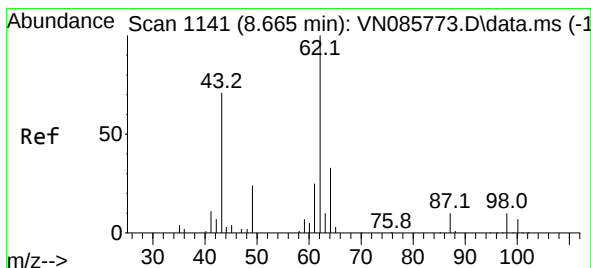
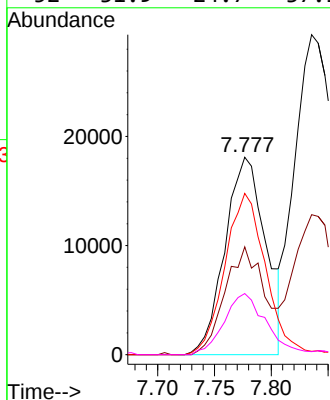
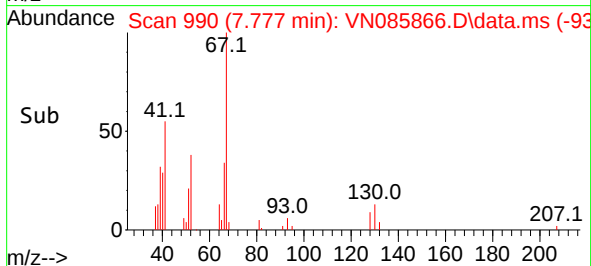
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 41 Resp: 45170
Ion Ratio Lower Upper
41 100
39 50.3 42.0 63.0
67 82.5 64.2 96.4
52 31.9 24.7 37.1

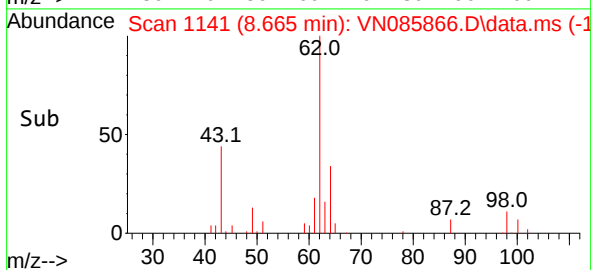
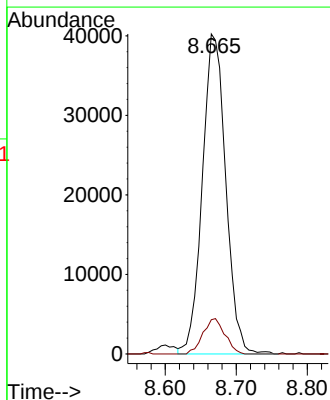
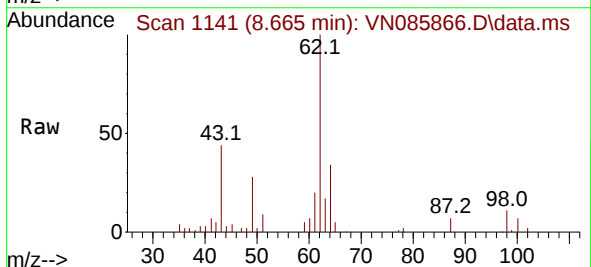
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#42
1,2-Dichloroethane
Concen: 19.550 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

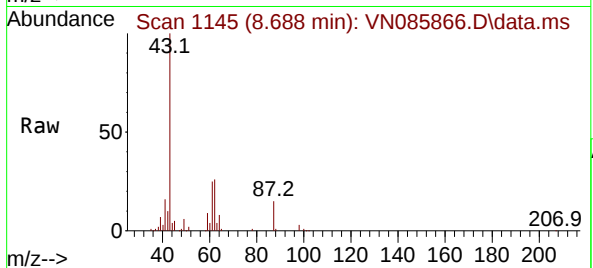
Tgt Ion: 62 Resp: 92279
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.6





#43
Isopropyl Acetate
Concen: 21.146 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

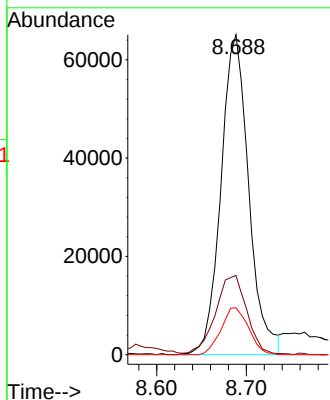
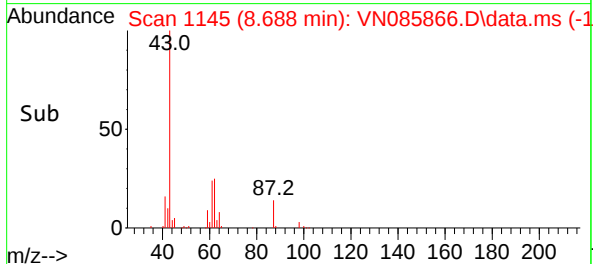
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 43 Resp: 140140
Ion Ratio Lower Upper
43 100
61 28.1 22.6 34.0
87 14.5 11.8 17.8

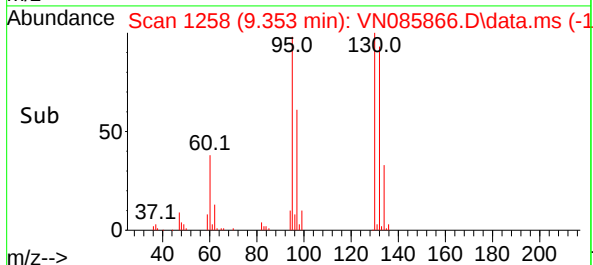
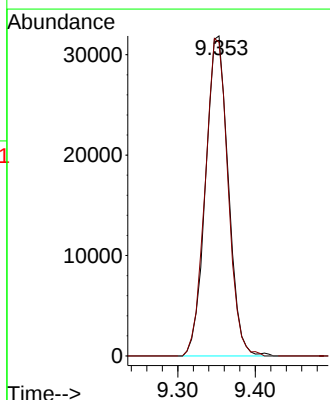
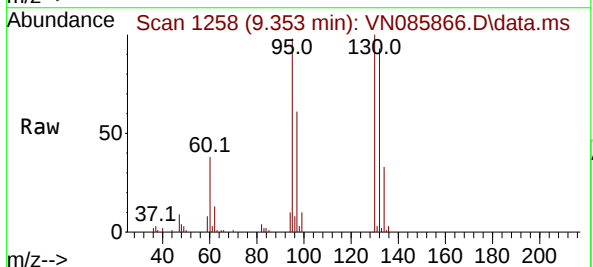
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#44
Trichloroethene
Concen: 18.235 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

Tgt Ion:130 Resp: 64881
Ion Ratio Lower Upper
130 100
95 98.0 0.0 202.6





#45

1,2-Dichloropropane

Concen: 19.383 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085866.D

Acq: 26 Feb 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion: 63 Resp: 67800

Ion Ratio Lower Upper

63 100

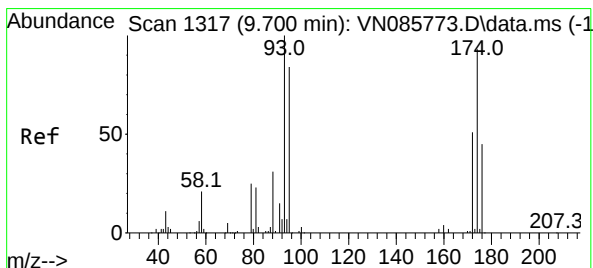
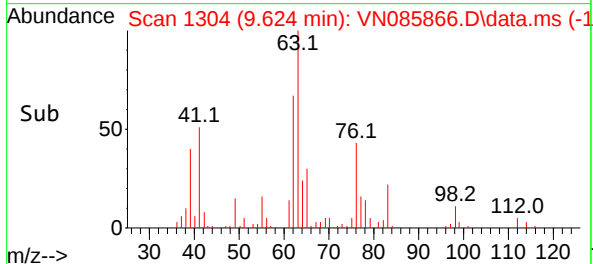
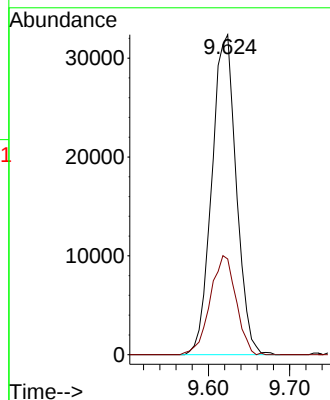
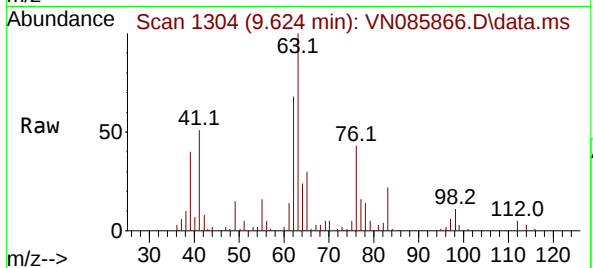
65 29.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#46

Dibromomethane

Concen: 20.235 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085866.D

Acq: 26 Feb 2025 13:07

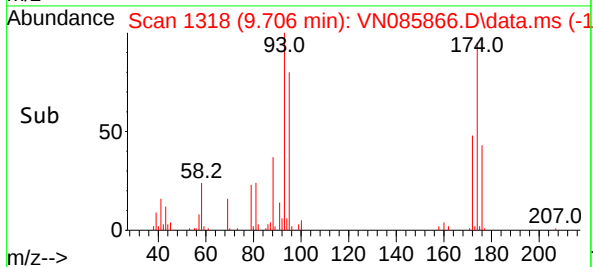
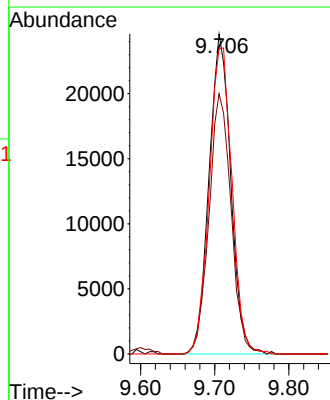
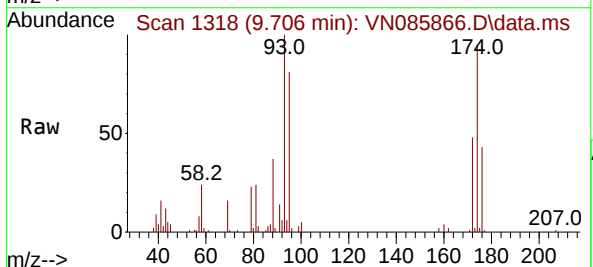
Tgt Ion: 93 Resp: 49926

Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

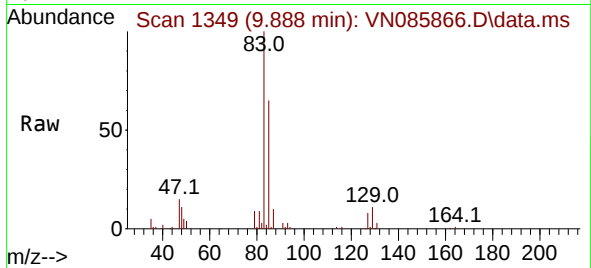
174 100.5 77.2 115.8





#47
Bromodichloromethane
Concen: 19.792 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

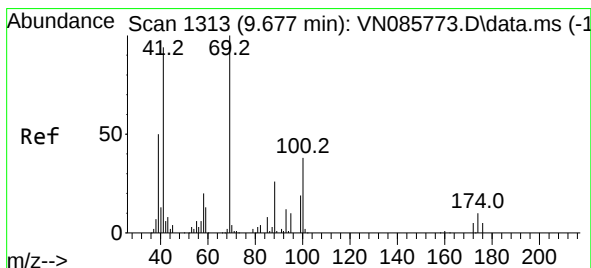
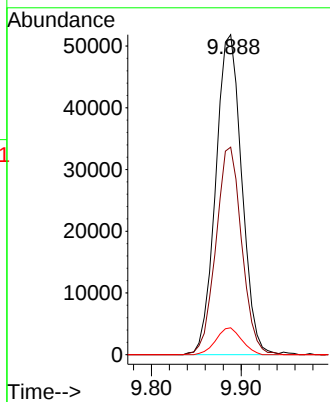
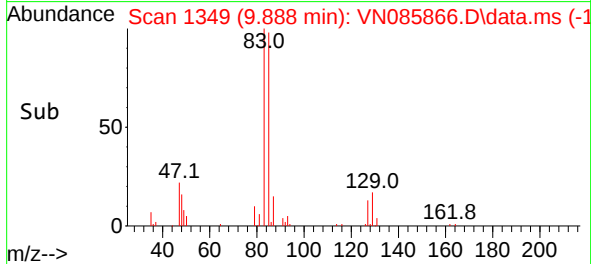
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 83 Resp: 104475
Ion Ratio Lower Upper
83 100
85 64.8 50.5 75.7
127 8.4 7.2 10.8

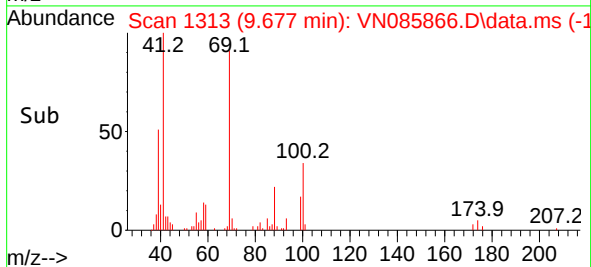
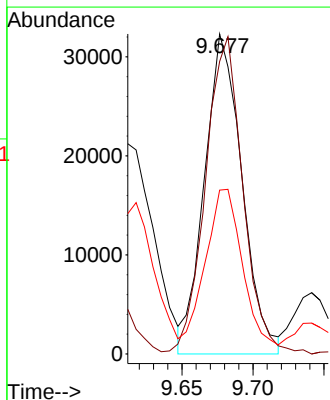
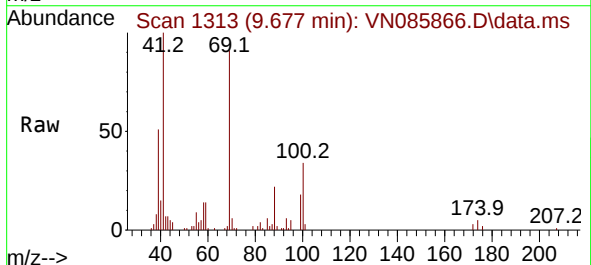
Manual Integrations
APPROVED

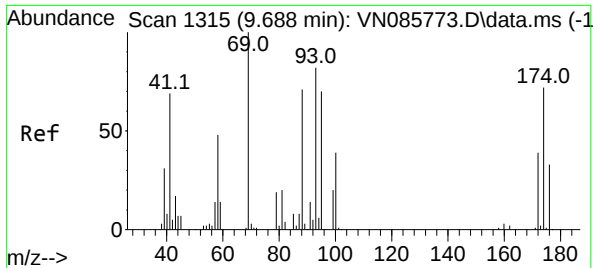
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#48
Methyl methacrylate
Concen: 21.498 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

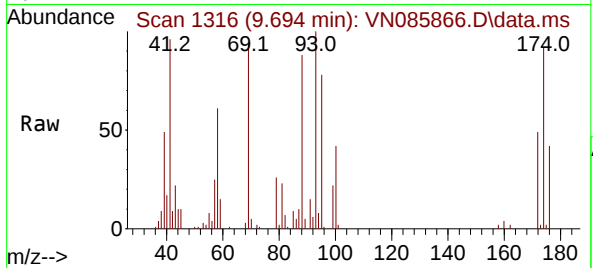
Tgt Ion: 41 Resp: 59404
Ion Ratio Lower Upper
41 100
69 99.0 76.0 114.0
39 53.0 42.3 63.5





#49
1,4-Dioxane
Concen: 566.100 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

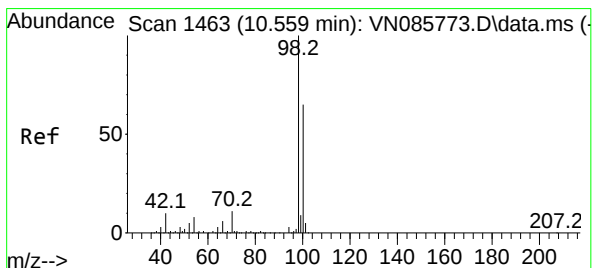
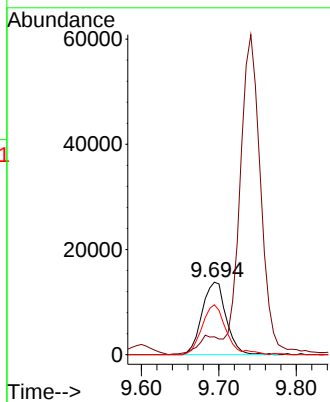
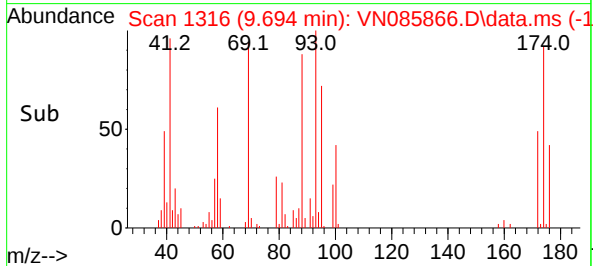
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 88 Resp: 2974
Ion Ratio Lower Upper
88 100
43 22.8 18.6 27.8
58 68.9 56.7 85.1

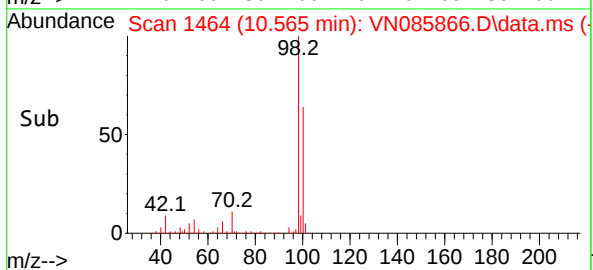
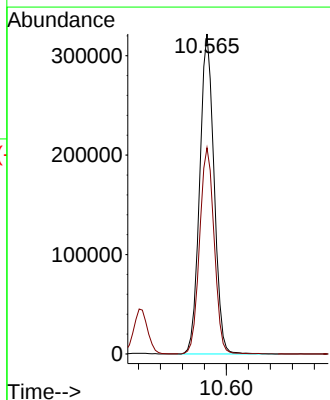
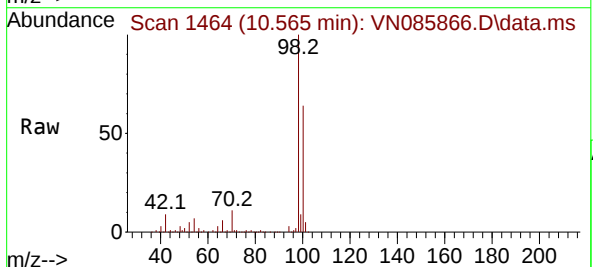
Manual Integrations
APPROVED

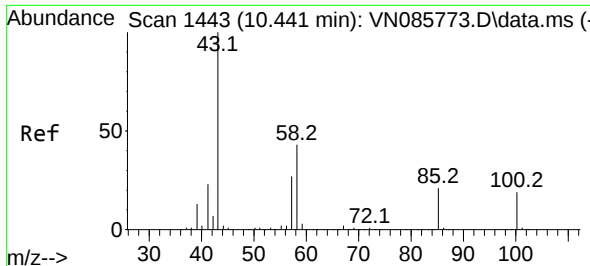
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#50
Toluene-d8
Concen: 50.124 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

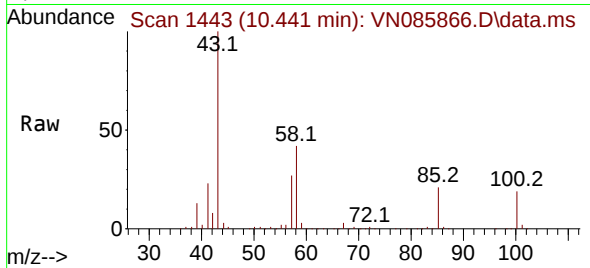
Tgt Ion: 98 Resp: 582604
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 119.570 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

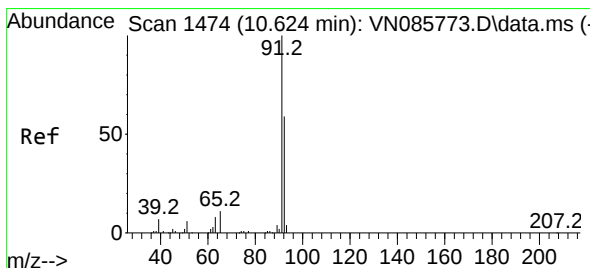
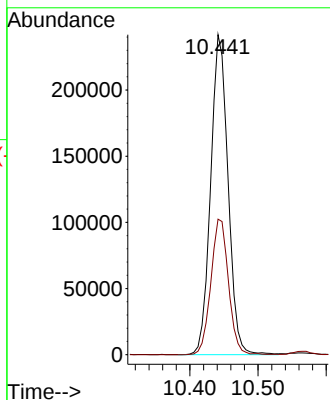
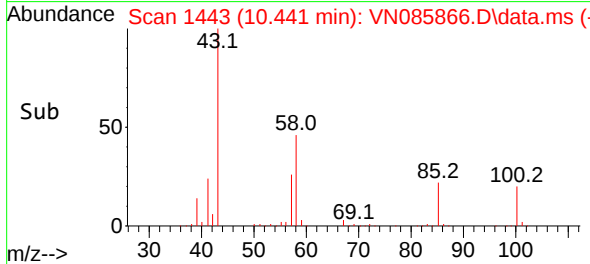
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



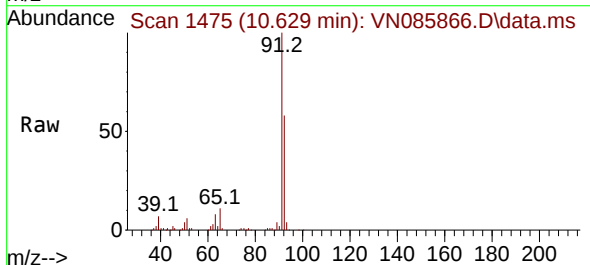
Tgt Ion: 43 Resp: 428940
Ion Ratio Lower Upper
43 100
58 43.0 34.6 52.0

Manual Integrations
APPROVED

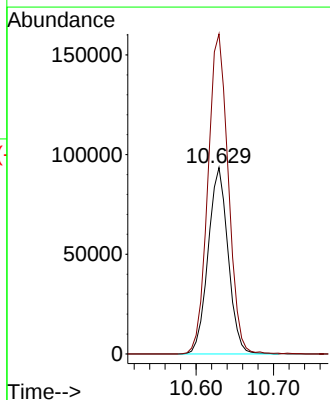
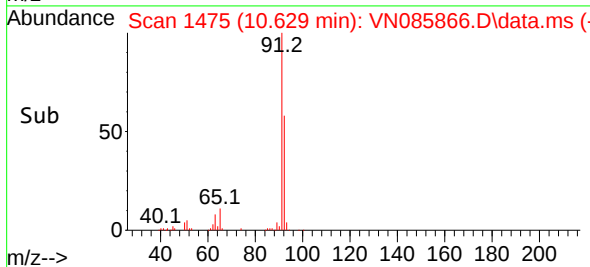
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

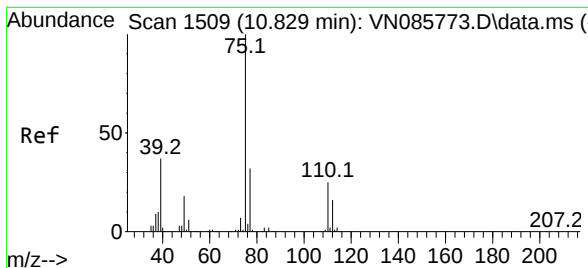


#52
Toluene
Concen: 19.684 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



Tgt Ion: 92 Resp: 167204
Ion Ratio Lower Upper
92 100
91 175.3 136.9 205.3





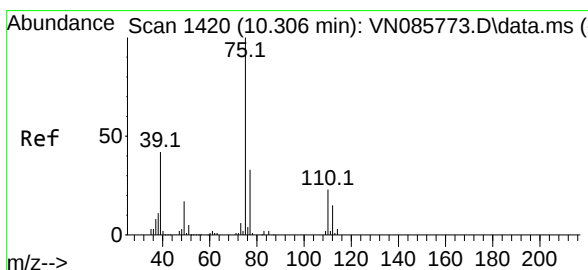
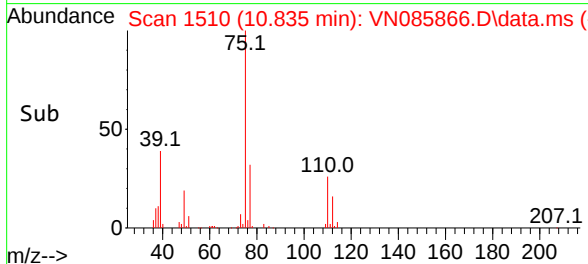
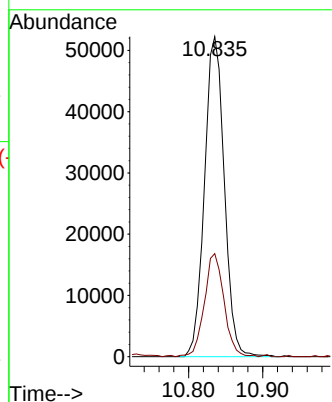
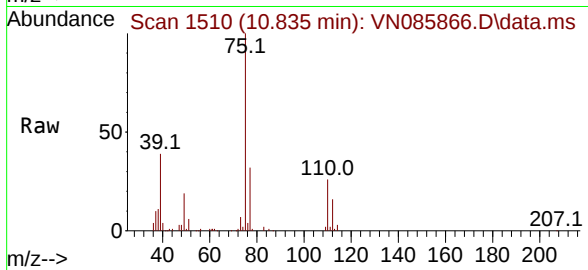
#53
 t-1,3-Dichloropropene
 Concen: 19.888 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN085866.D
 Acq: 26 Feb 2025 13:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01

Tgt Ion: 75 Resp: 97070
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0

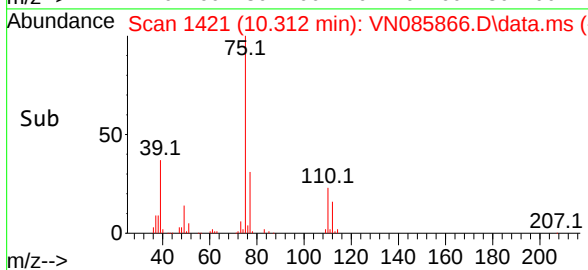
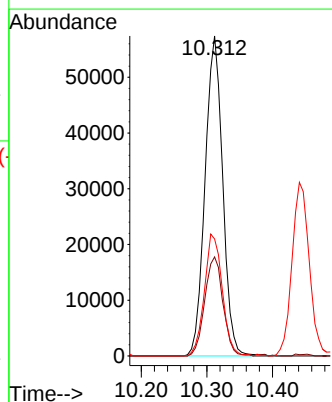
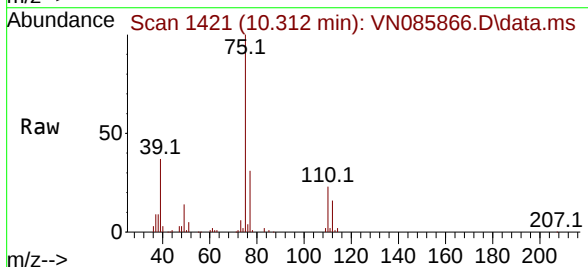
Manual Integrations
 APPROVED

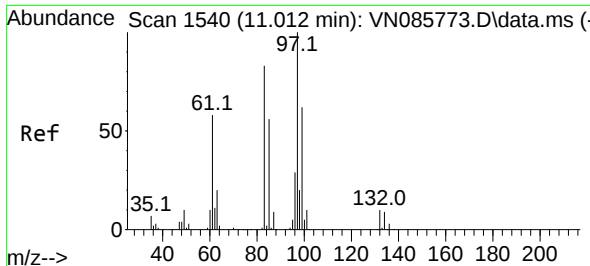
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#54
 cis-1,3-Dichloropropene
 Concen: 20.087 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085866.D
 Acq: 26 Feb 2025 13:07

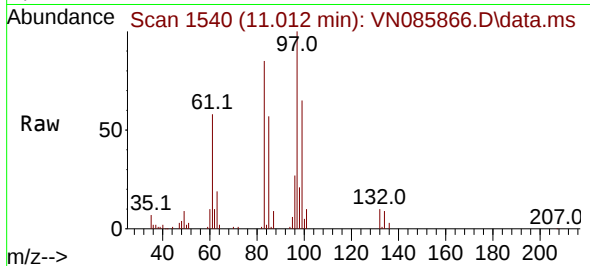
Tgt Ion: 75 Resp: 107513
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.1 39.1
 39 36.6 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 20.234 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

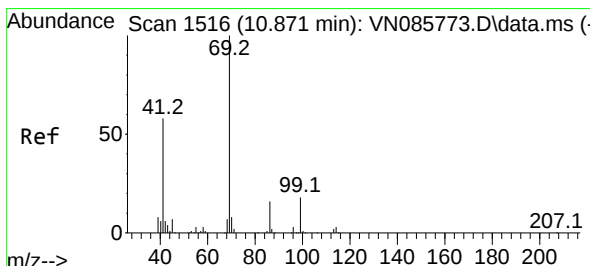
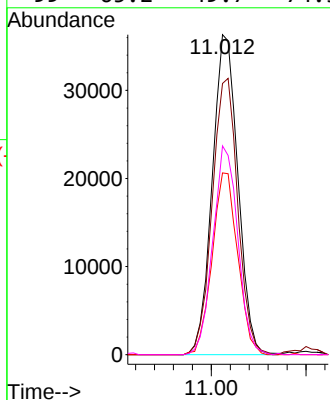
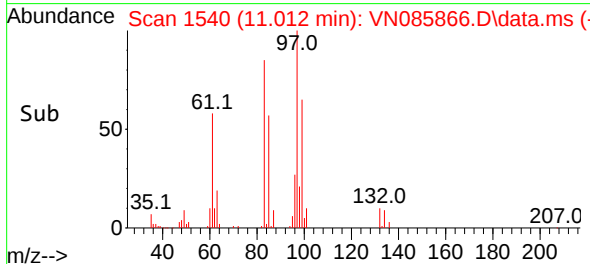
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



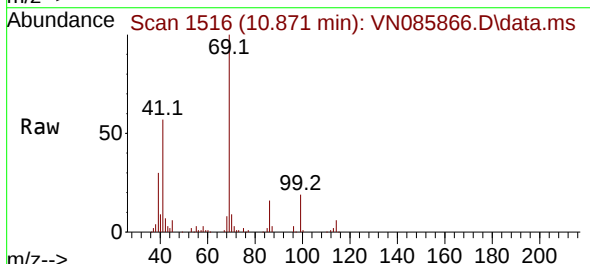
Tgt Ion:	97	Resp:	68339
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.1	99.1
85	56.8	44.7	67.1
99	65.2	49.7	74.5

Manual Integrations
APPROVED

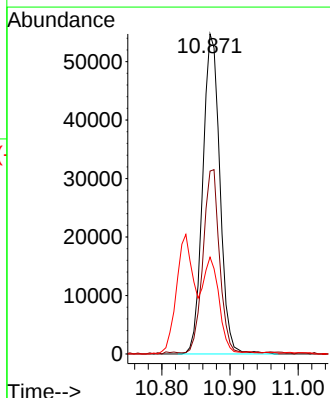
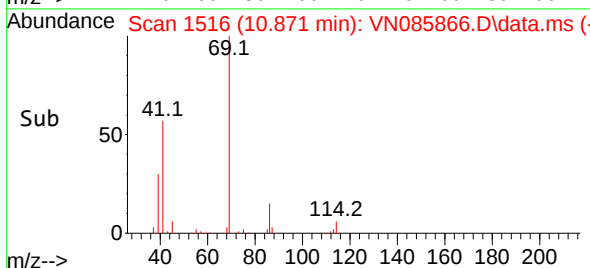
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

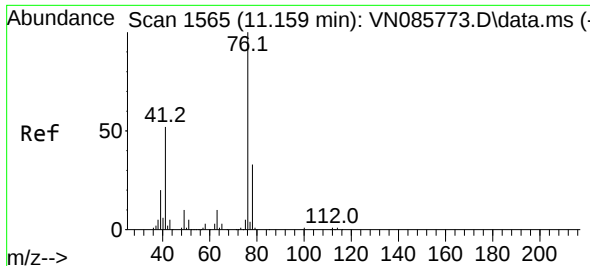


#56
Ethyl methacrylate
Concen: 21.322 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



Tgt Ion:	69	Resp:	95569
Ion	Ratio	Lower	Upper
69	100		
41	55.1	46.0	69.0
39	27.8	22.0	33.0





#57

1,3-Dichloropropane

Concen: 20.160 ug/l

RT: 11.165 min Scan# 11366

Delta R.T. 0.006 min

Lab File: VN085866.D

Acq: 26 Feb 2025 13:07

Instrument :

MSVOA_N

ClientSampleId :

VN0226WBSD01

Tgt Ion: 76 Resp: 11366

Ion Ratio Lower Upper

76 100

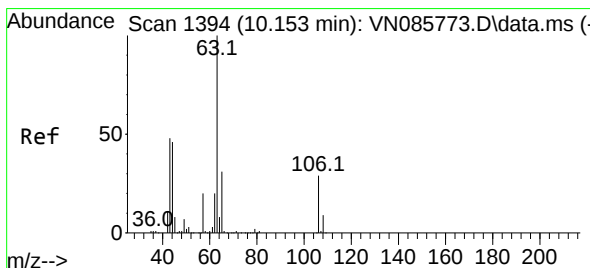
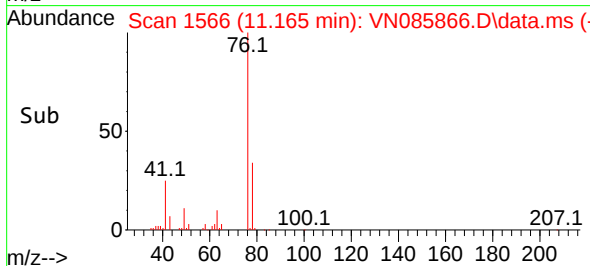
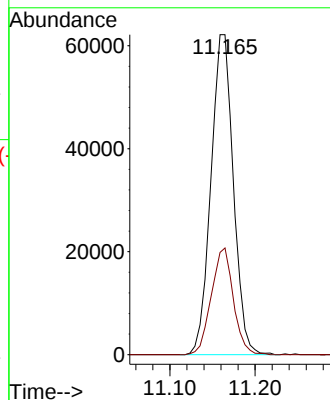
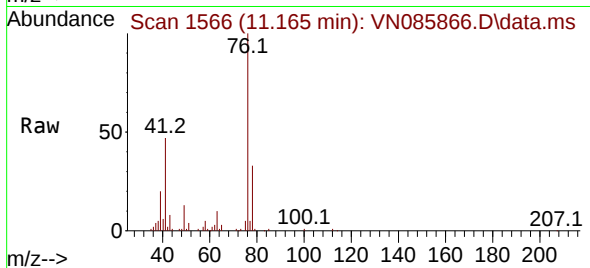
78 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/27/2025

Supervised By :Mahesh Dadoda 02/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 115.989 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085866.D

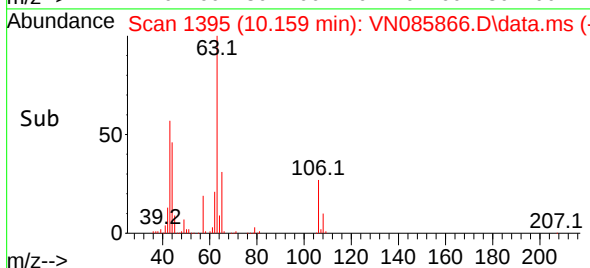
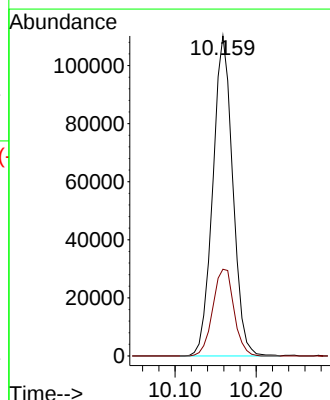
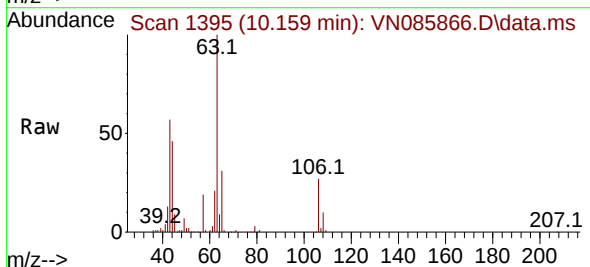
Acq: 26 Feb 2025 13:07

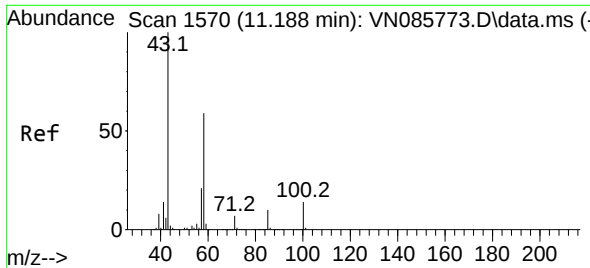
Tgt Ion: 63 Resp: 188050

Ion Ratio Lower Upper

63 100

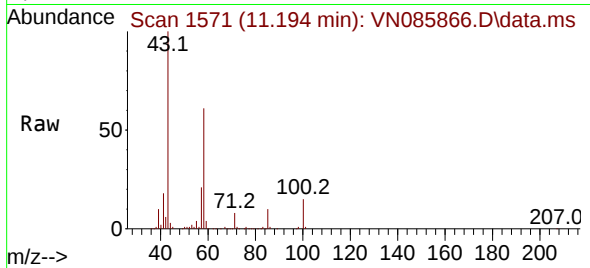
106 28.7 22.7 34.1





#59
2-Hexanone
Concen: 124.627 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

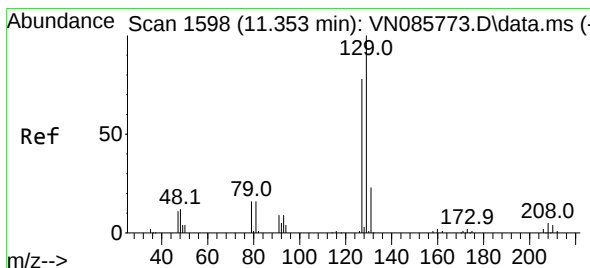
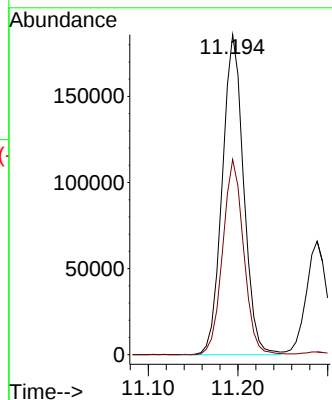
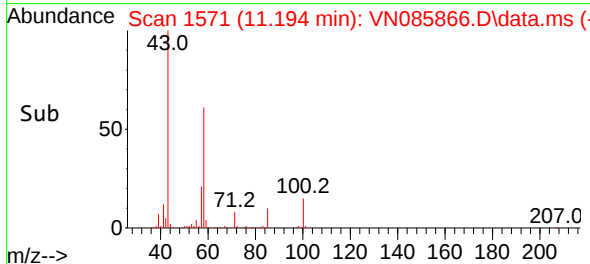
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



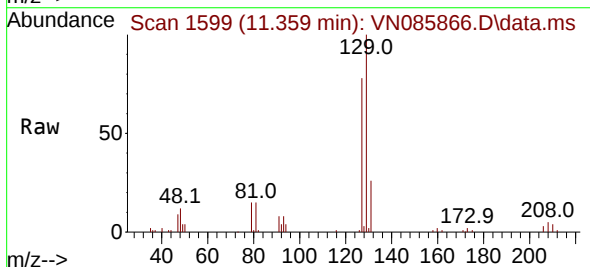
Tgt Ion: 43 Resp: 30756
Ion Ratio Lower Upper
43 100
58 59.8 29.8 89.5

Manual Integrations
APPROVED

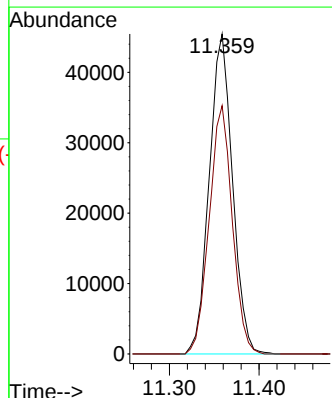
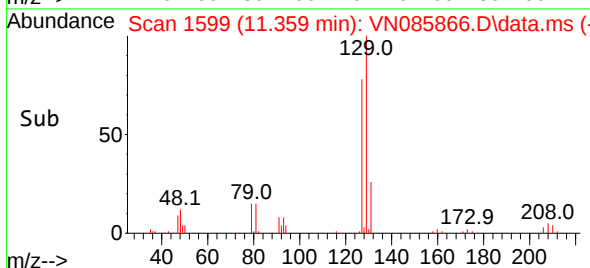
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

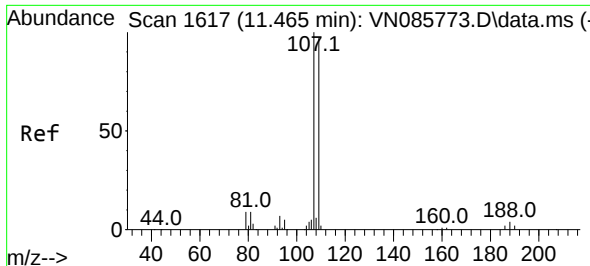


#60
Dibromochloromethane
Concen: 20.795 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



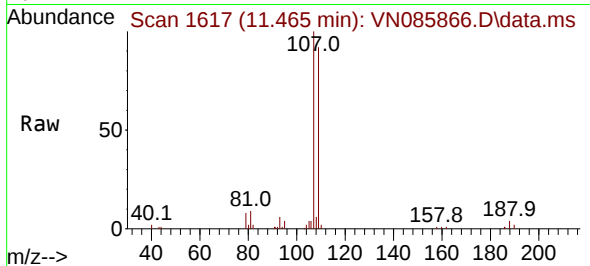
Tgt Ion:129 Resp: 81780
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.5





#61
1,2-Dibromoethane
Concen: 21.406 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

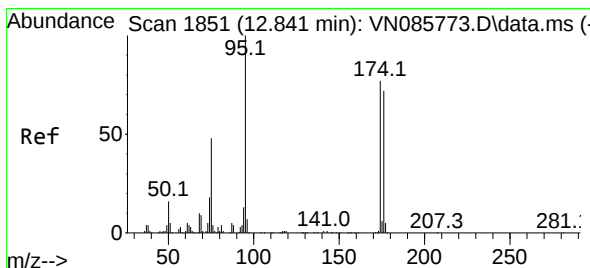
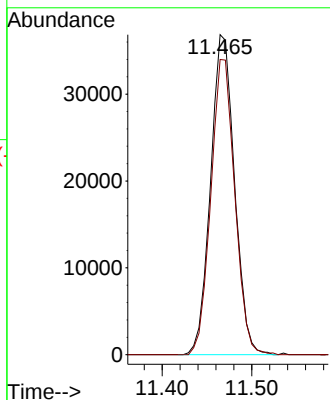
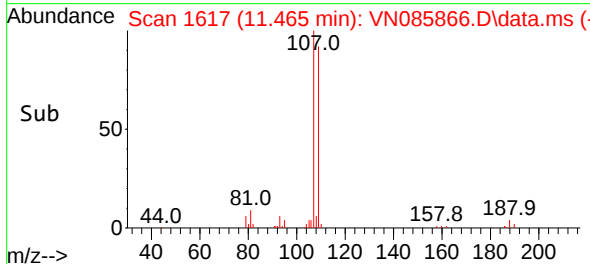
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



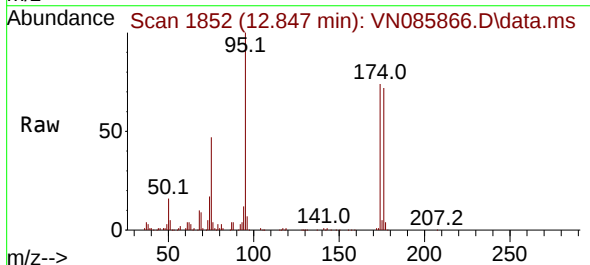
Tgt Ion:107 Resp: 68309
Ion Ratio Lower Upper
107 100
109 92.1 76.0 114.0

Manual Integrations
APPROVED

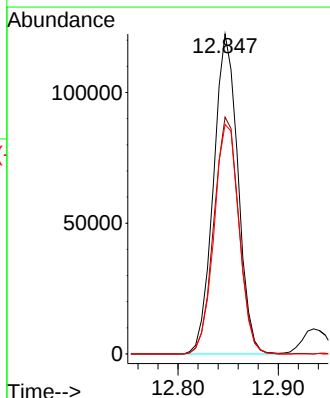
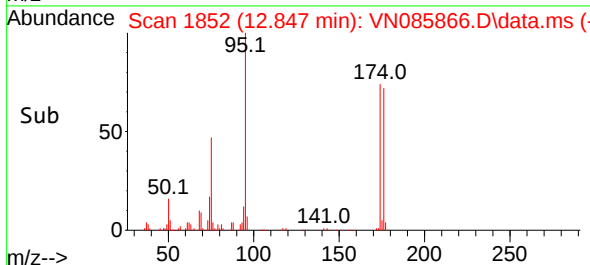
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

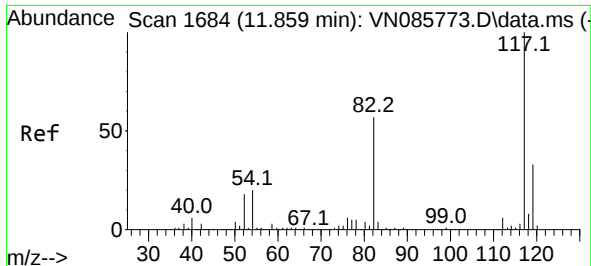


#62
4-Bromofluorobenzene
Concen: 54.025 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



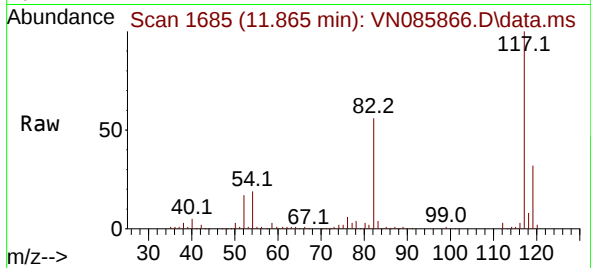
Tgt Ion: 95 Resp: 206894
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.4
176 73.5 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

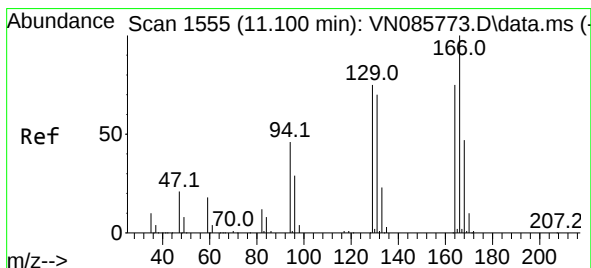
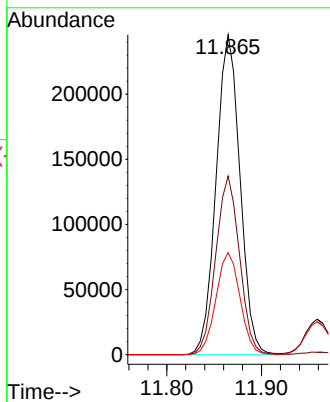
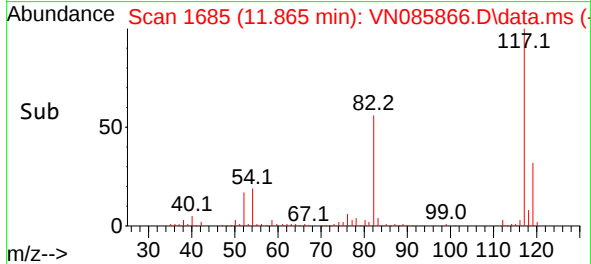
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion:117 Resp: 43106
Ion Ratio Lower Upper
117 100
82 55.9 45.7 68.5
119 31.9 26.2 39.2

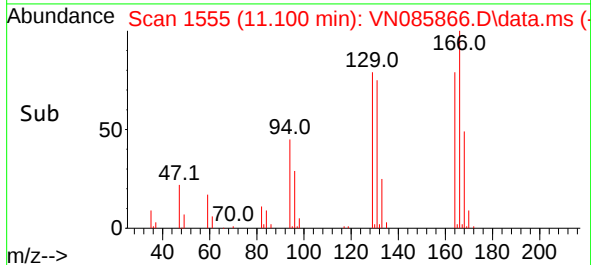
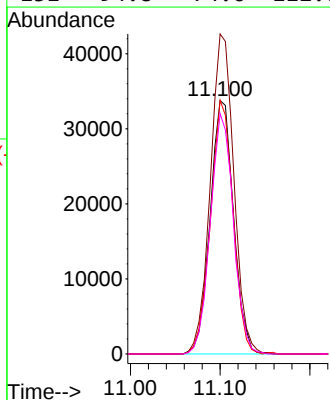
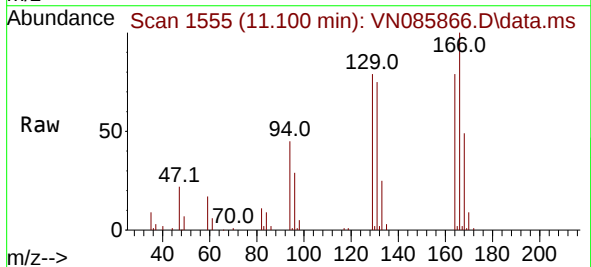
Manual Integrations
APPROVED

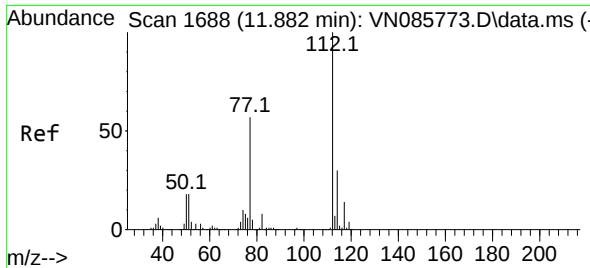
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#64
Tetrachloroethene
Concen: 18.335 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

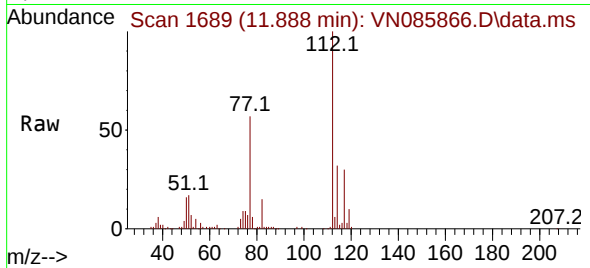
Tgt Ion:164 Resp: 61229
Ion Ratio Lower Upper
164 100
166 126.2 107.2 160.8
129 100.1 80.7 121.1
131 94.8 74.6 112.0





#65
Chlorobenzene
Concen: 18.986 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

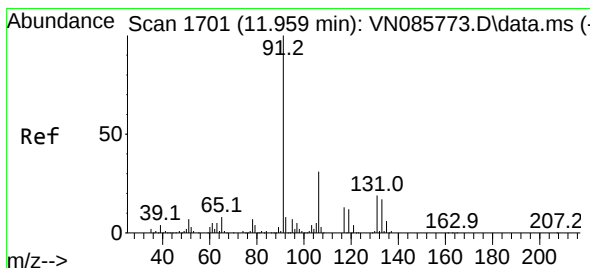
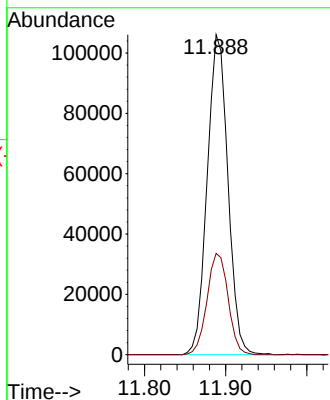
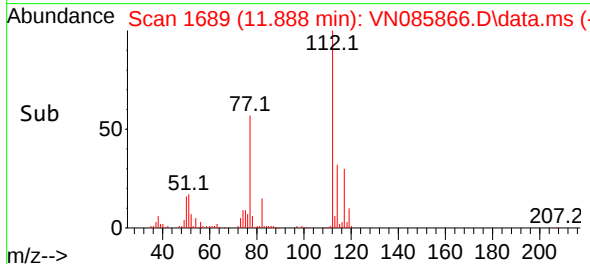
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



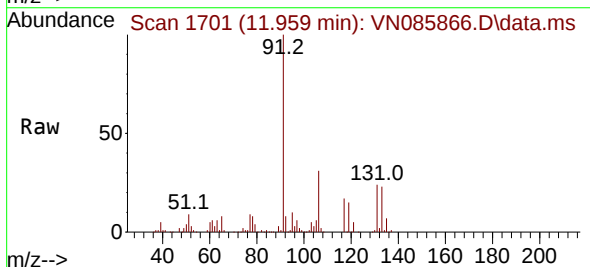
Tgt Ion:112 Resp: 18748
Ion Ratio Lower Upper
112 100
114 31.7 24.3 36.5

Manual Integrations
APPROVED

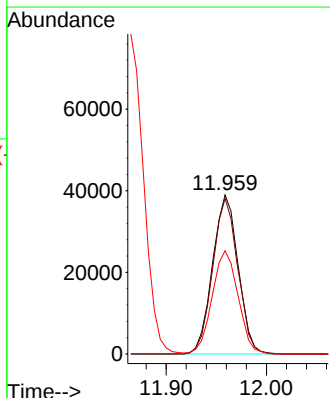
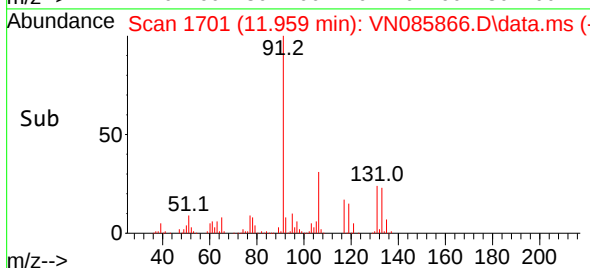
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.457 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



Tgt Ion:131 Resp: 69062
Ion Ratio Lower Upper
131 100
133 96.0 47.7 143.1
119 65.8 33.3 99.8





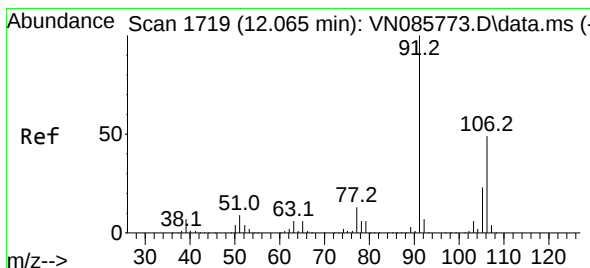
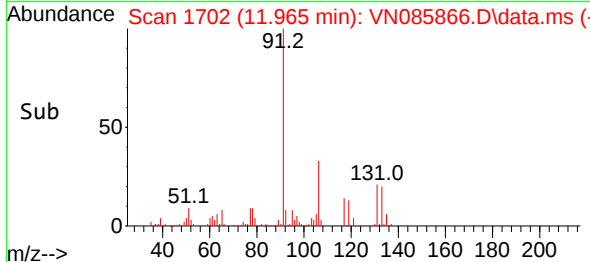
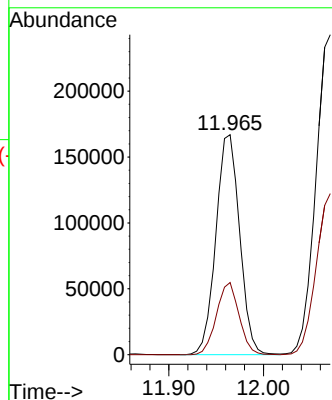
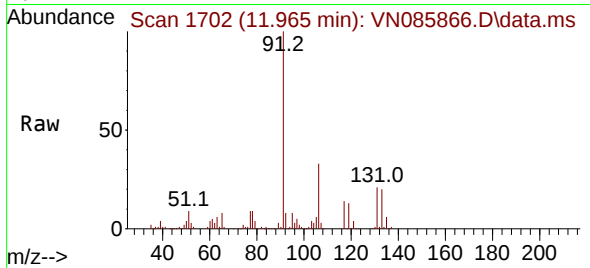
#67
Ethyl Benzene
Concen: 18.816 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion: 91 Resp: 291064
Ion Ratio Lower Upper
91 100
106 32.8 24.7 37.1

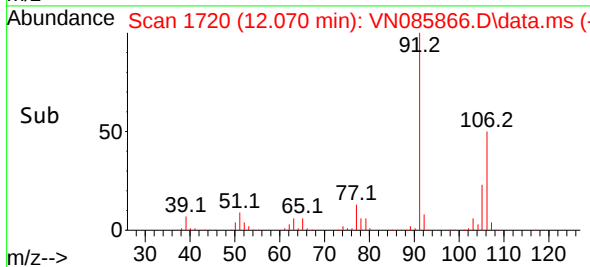
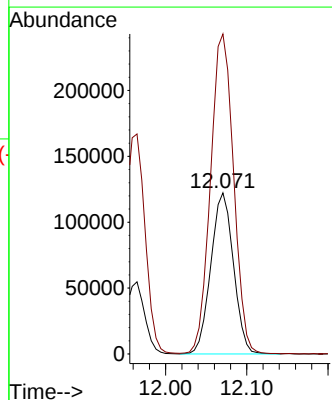
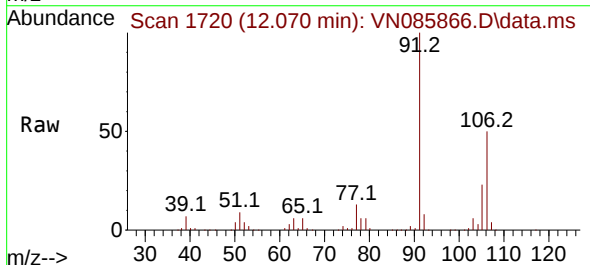
Manual Integrations
APPROVED

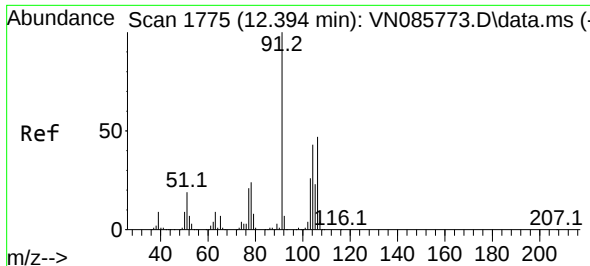
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#68
m/p-Xylenes
Concen: 40.287 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

Tgt Ion:106 Resp: 236721
Ion Ratio Lower Upper
106 100
91 202.9 163.3 244.9





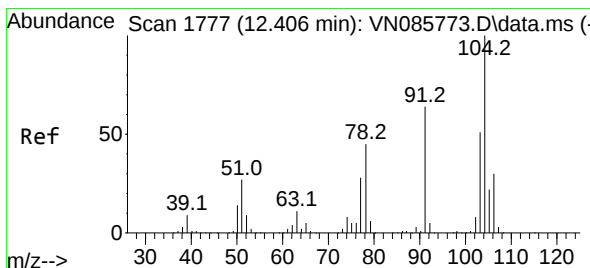
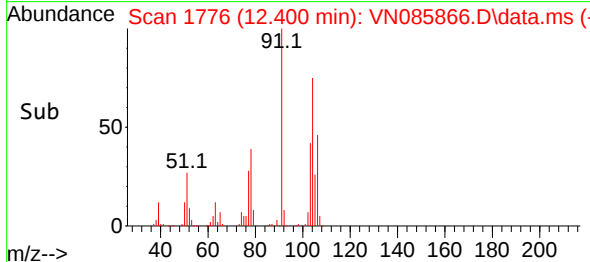
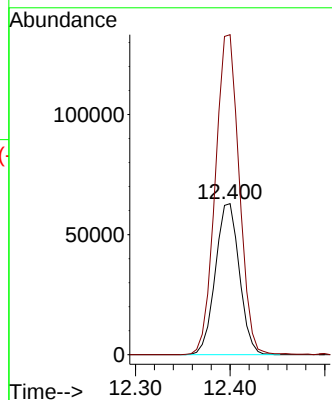
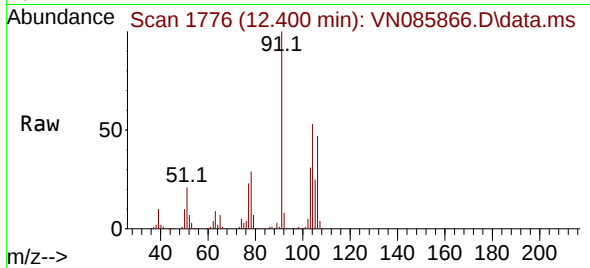
#69
o-Xylene
Concen: 19.812 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion:106 Resp: 11062
Ion Ratio Lower Upper
106 100
91 211.9 107.1 321.4

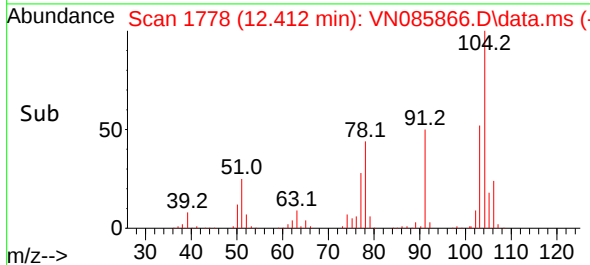
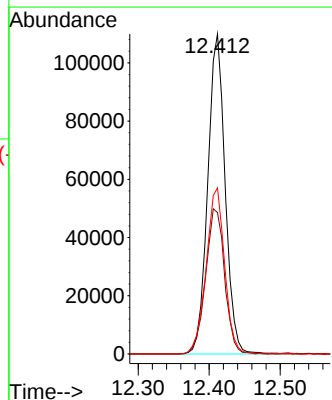
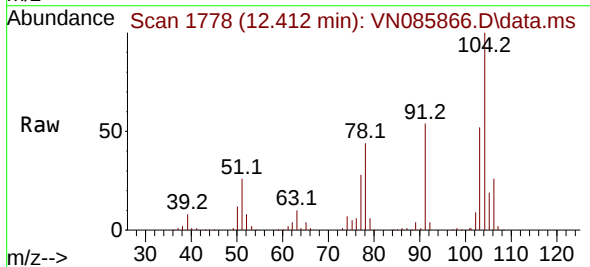
Manual Integrations
APPROVED

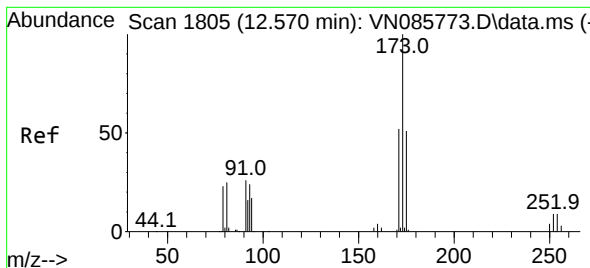
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#70
Styrene
Concen: 19.478 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

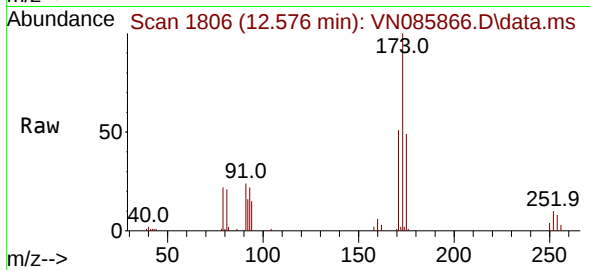
Tgt Ion:104 Resp: 187137
Ion Ratio Lower Upper
104 100
78 49.8 39.0 58.6
103 55.3 43.3 64.9





#71
Bromoform
Concen: 21.870 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

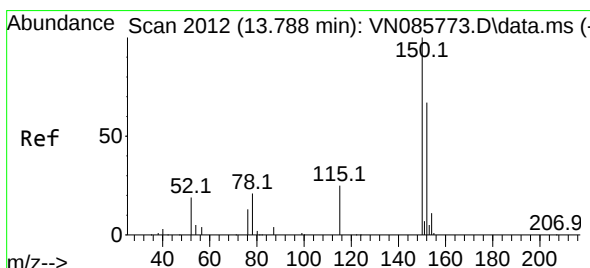
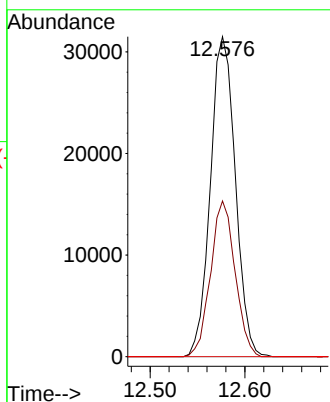
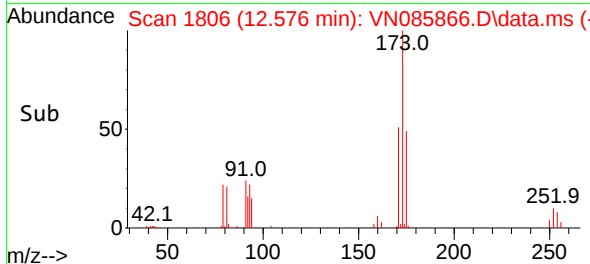
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



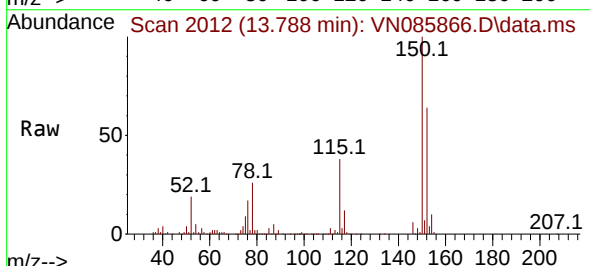
Tgt Ion:173 Resp: 57680
Ion Ratio Lower Upper
173 100
175 47.8 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

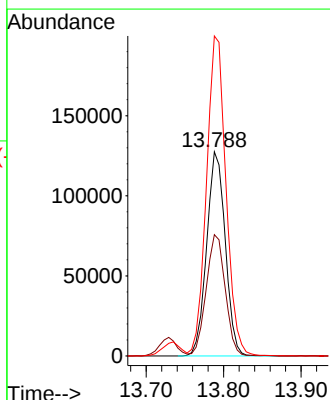
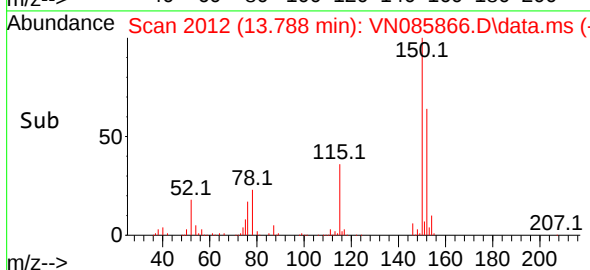
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

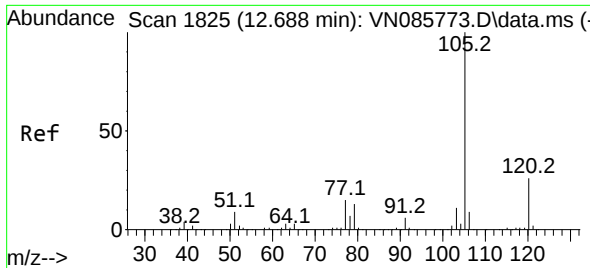


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



Tgt Ion:152 Resp: 212624
Ion Ratio Lower Upper
152 100
115 60.4 30.4 91.3
150 164.2 0.0 345.4





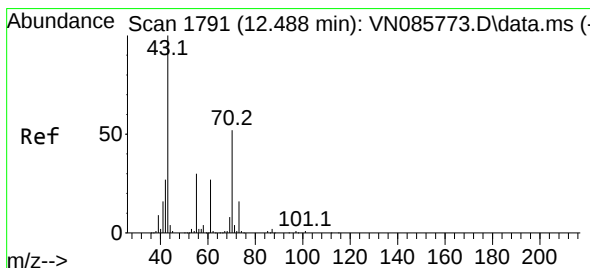
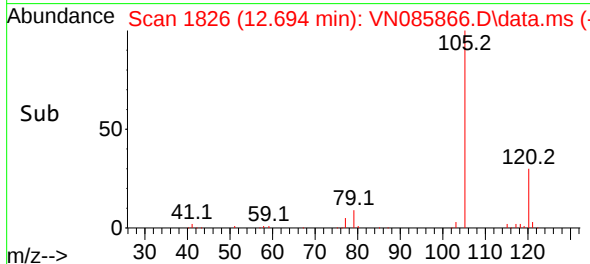
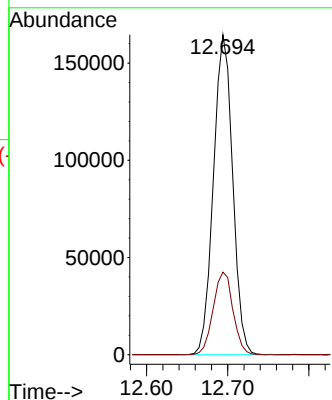
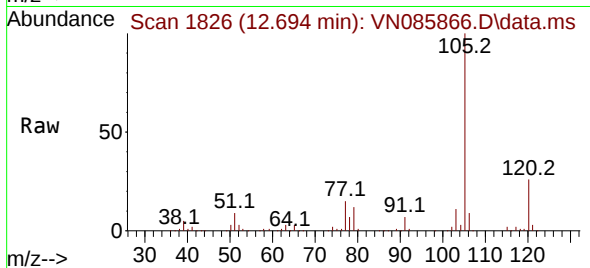
#73
Isopropylbenzene
Concen: 18.585 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion:105 Resp: 270718
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

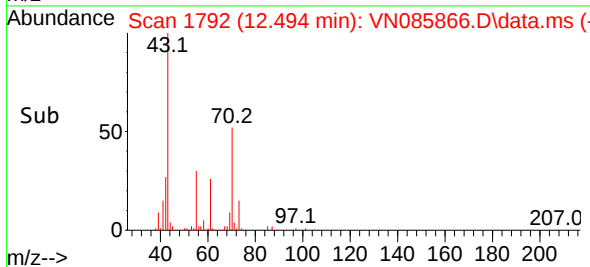
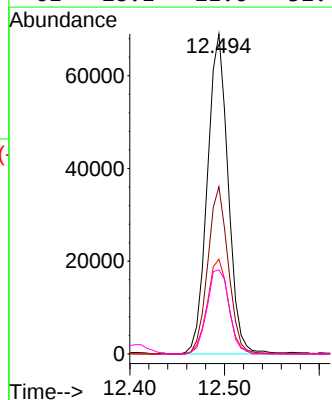
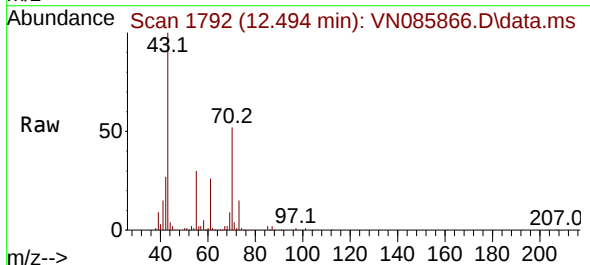
Manual Integrations
APPROVED

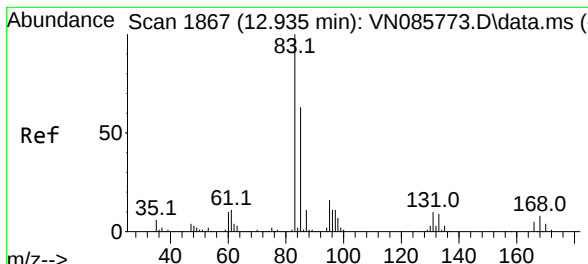
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#74
N-ethyl acetate
Concen: 20.470 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

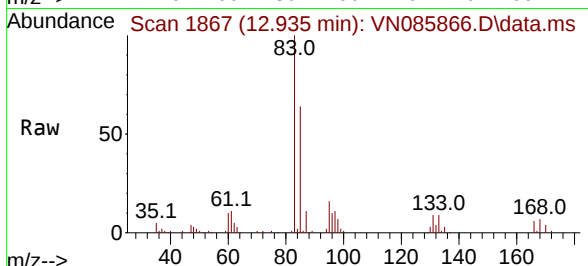
Tgt Ion: 43 Resp: 105153
Ion Ratio Lower Upper
43 100
70 51.4 41.0 61.4
55 30.1 24.6 36.8
61 28.1 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.427 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

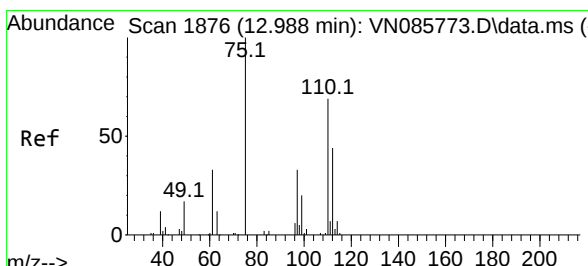
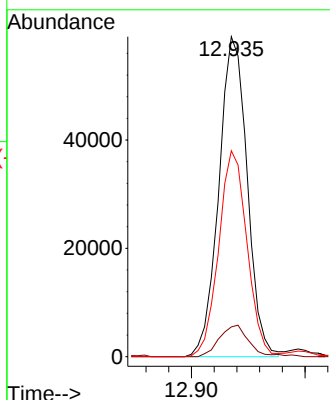
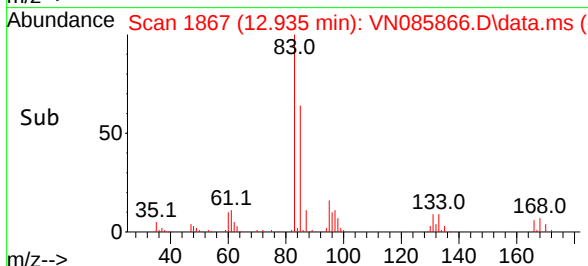
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 83 Resp: 10239
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 64.2 32.2 96.6

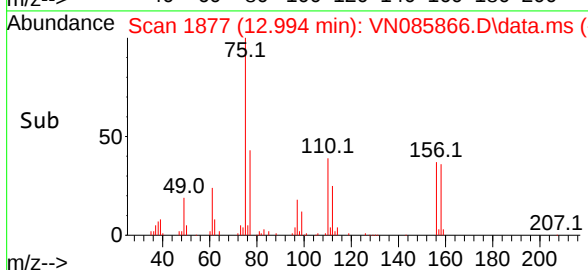
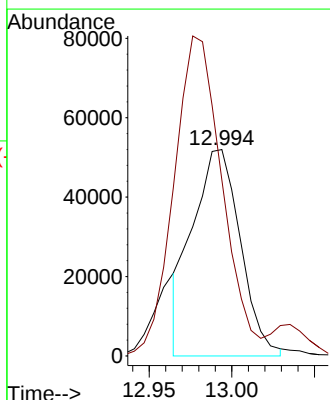
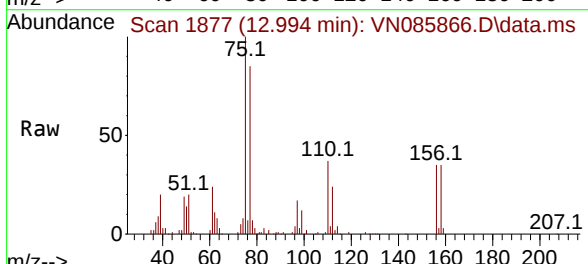
Manual Integrations
APPROVED

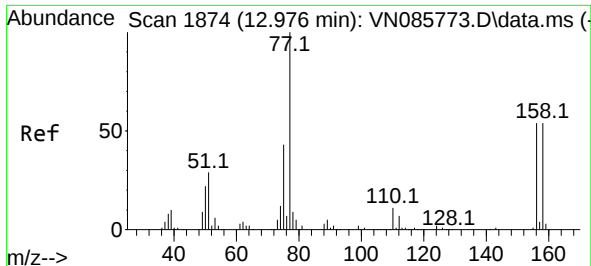
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#76
1,2,3-Trichloropropane
Concen: 22.202 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

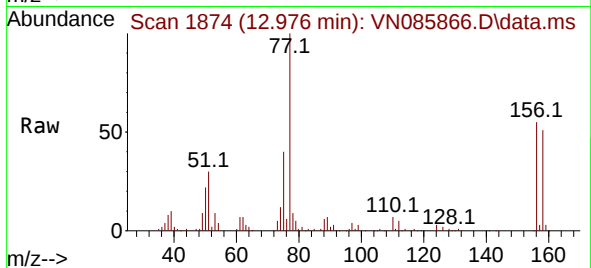
Tgt Ion: 75 Resp: 104860
Ion Ratio Lower Upper
75 100
77 155.5 100.0 300.0





#77
Bromobenzene
Concen: 19.373 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

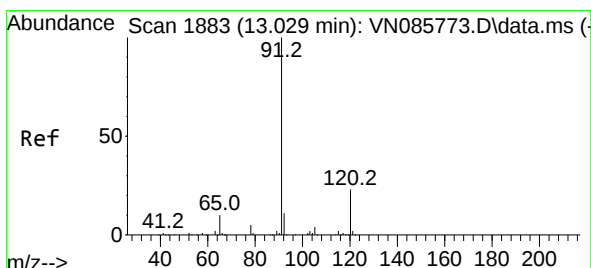
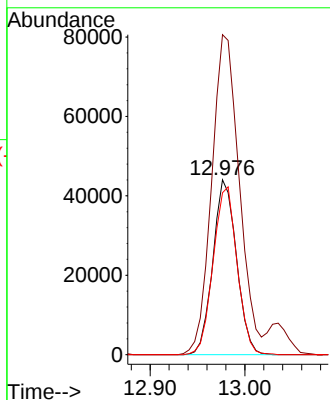
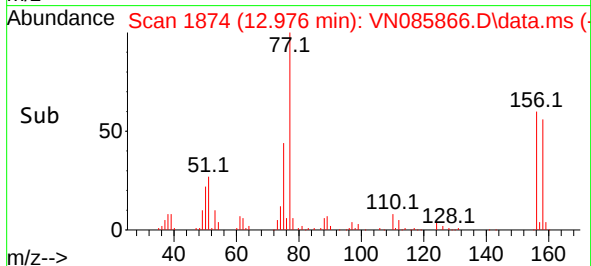
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion:156 Resp: 7624
Ion Ratio Lower Upper
156 100
77 213.9 104.1 312.3
158 97.4 48.1 144.4

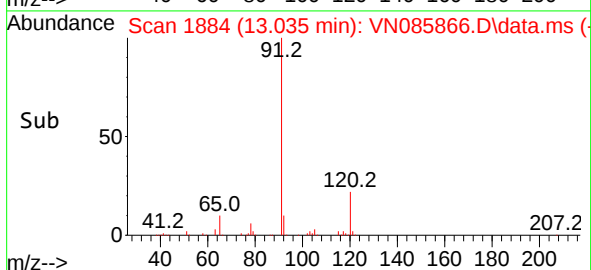
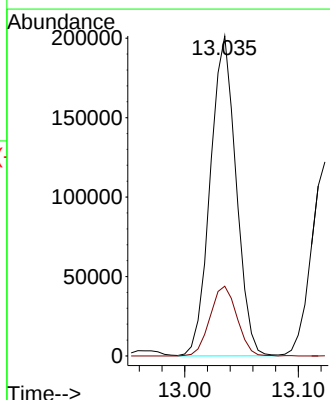
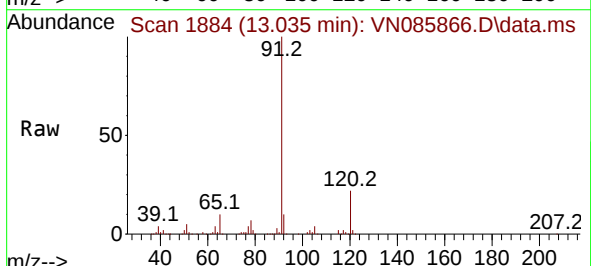
Manual Integrations
APPROVED

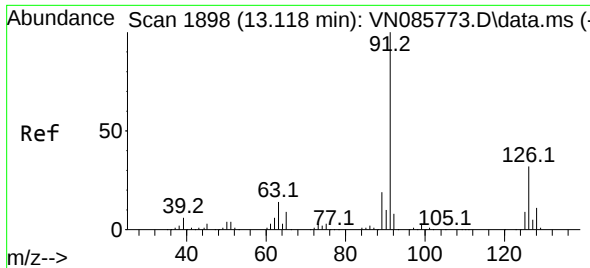
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#78
n-propylbenzene
Concen: 19.075 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

Tgt Ion: 91 Resp: 318223
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





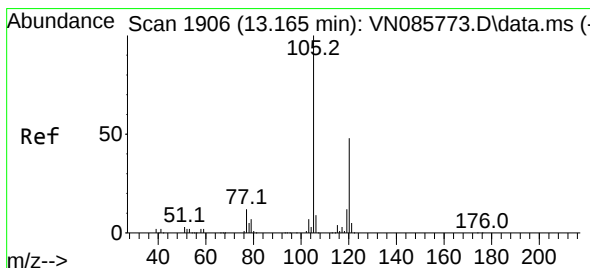
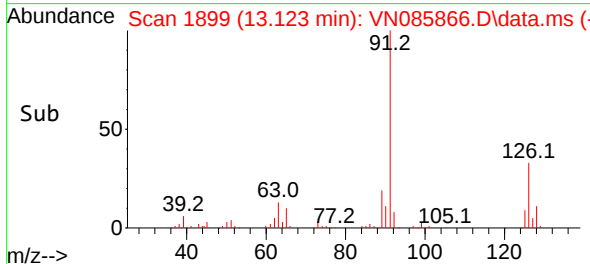
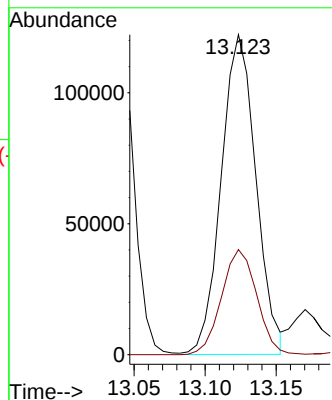
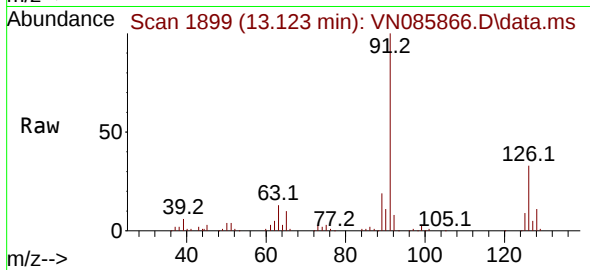
#79
2-Chlorotoluene
Concen: 18.633 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion: 91 Resp: 207684
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.1

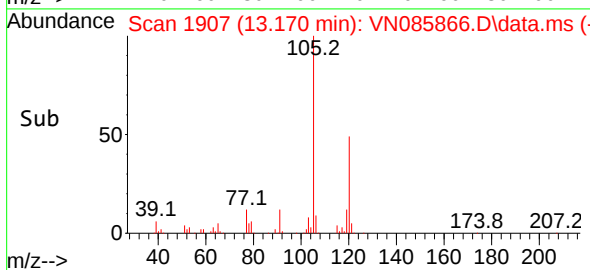
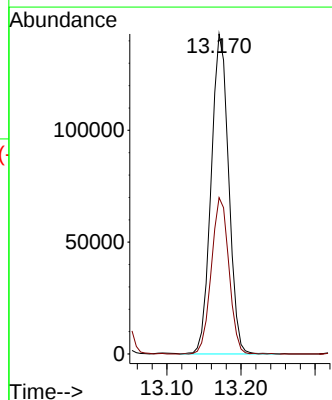
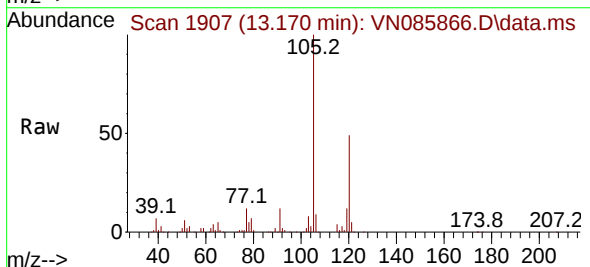
Manual Integrations
APPROVED

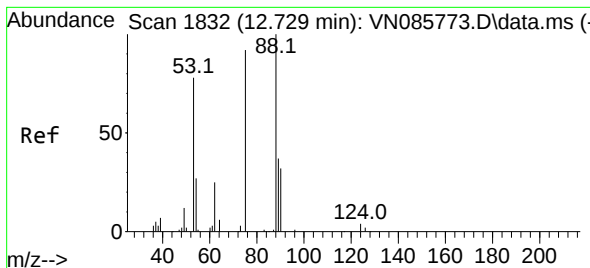
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.764 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

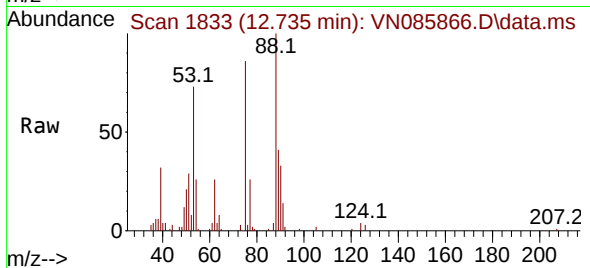
Tgt Ion:105 Resp: 234522
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 21.834 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

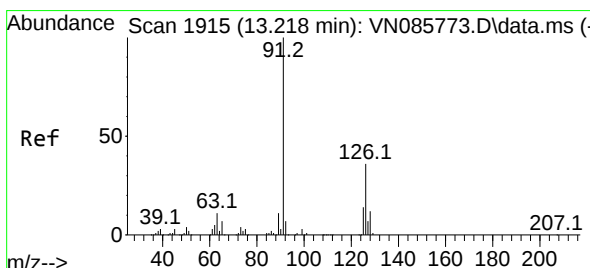
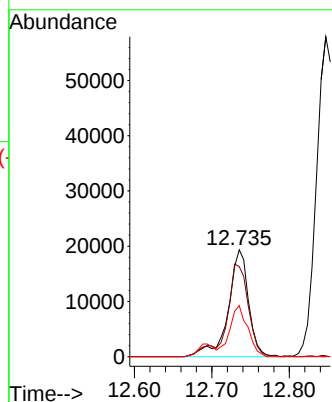
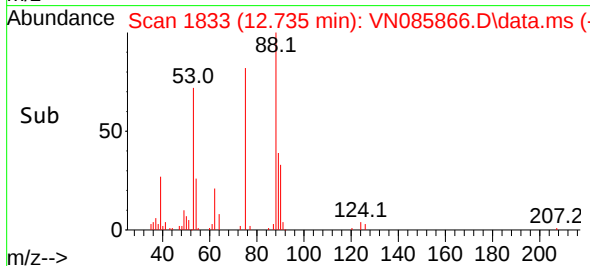
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion: 75 Resp: 3534
Ion Ratio Lower Upper
75 100
53 91.5 74.2 111.4
89 42.6 34.9 52.3

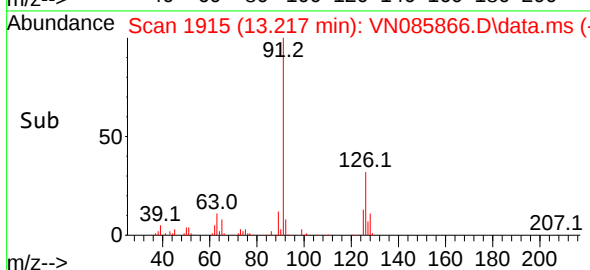
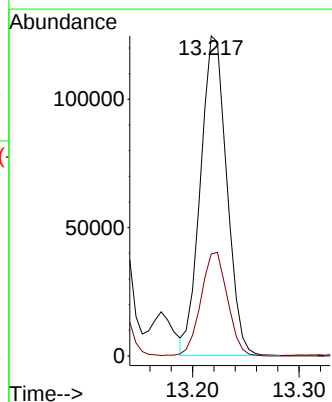
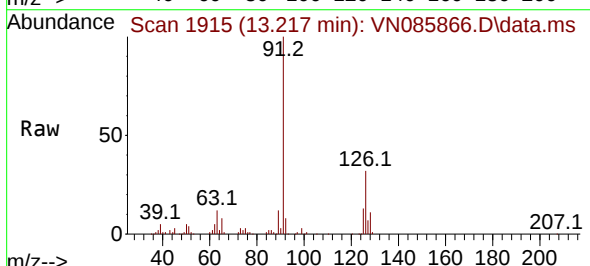
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#82
4-Chlorotoluene
Concen: 19.348 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

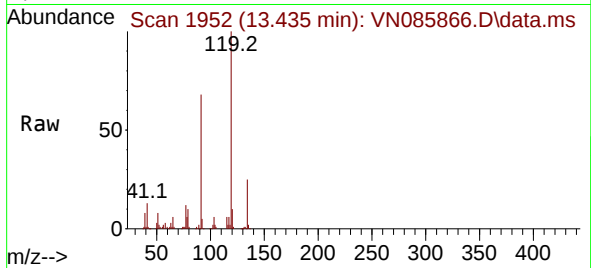
Tgt Ion: 91 Resp: 213796
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 19.322 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085866.D
 Acq: 26 Feb 2025 13:07

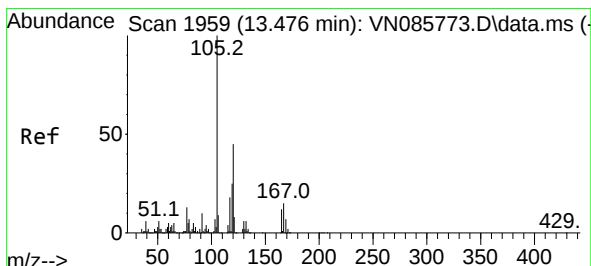
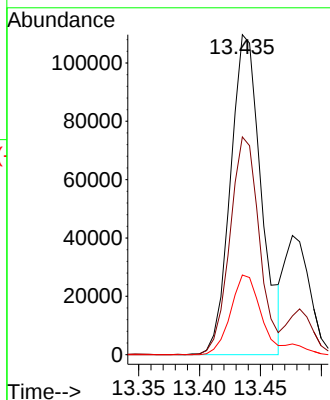
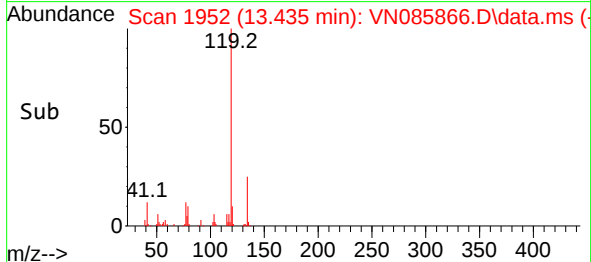
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01



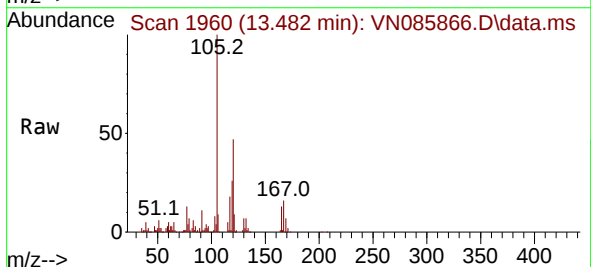
Tgt Ion:119 Resp: 19280
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.5 97.5
 134 26.5 13.3 39.9

Manual Integrations
 APPROVED

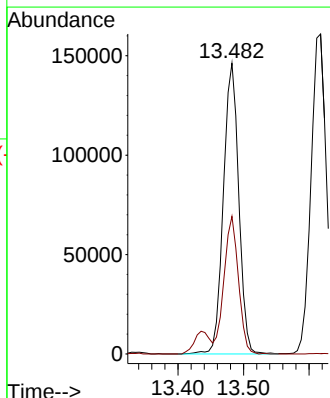
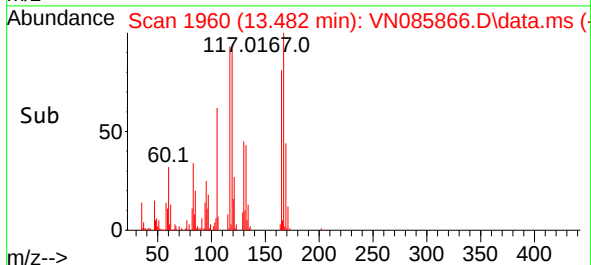
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

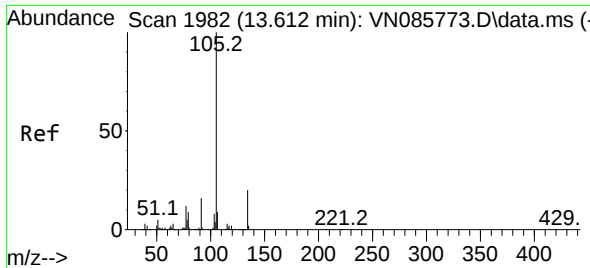


#84
 1,2,4-Trimethylbenzene
 Concen: 20.237 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085866.D
 Acq: 26 Feb 2025 13:07



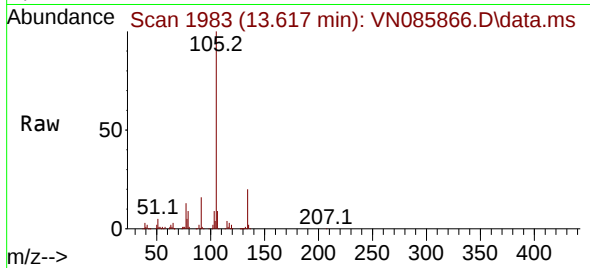
Tgt Ion:105 Resp: 237581
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 18.770 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.005 min
 Lab File: VN085866.D
 Acq: 26 Feb 2025 13:07

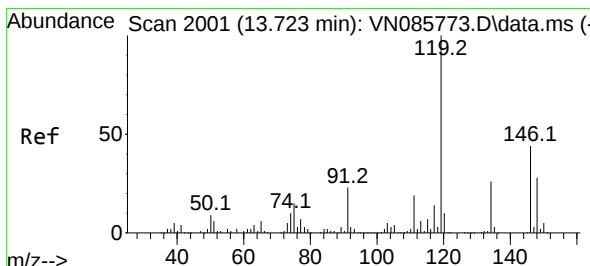
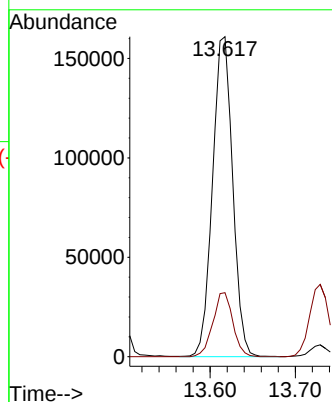
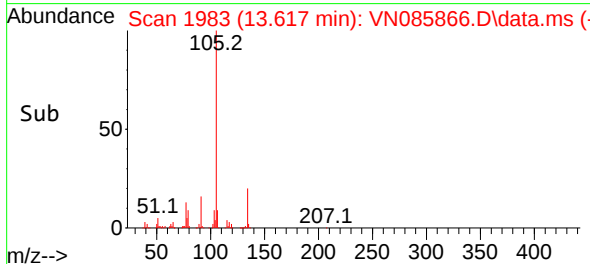
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01



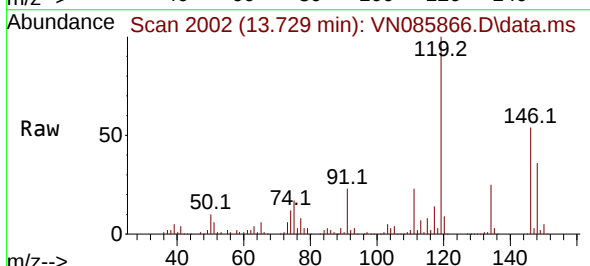
Tgt Ion:105 Resp: 26462
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
 APPROVED

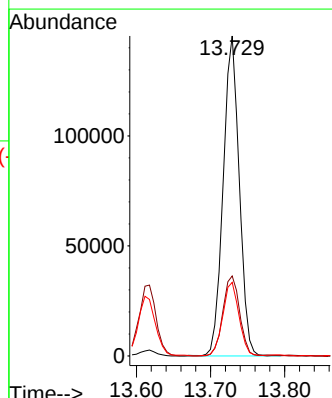
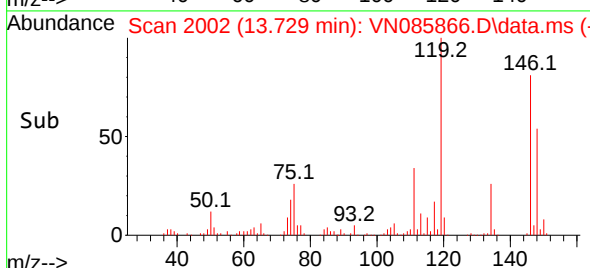
Reviewed By :John Carlone 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025



#86
 p-Isopropyltoluene
 Concen: 18.276 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085866.D
 Acq: 26 Feb 2025 13:07



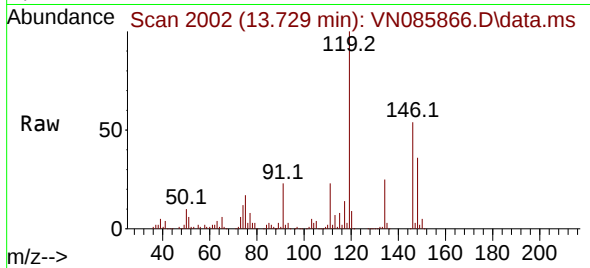
Tgt Ion:119 Resp: 219287
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 23.4 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 18.516 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

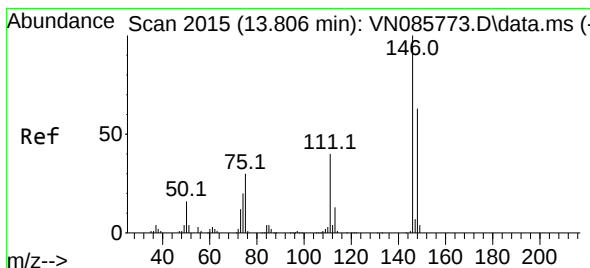
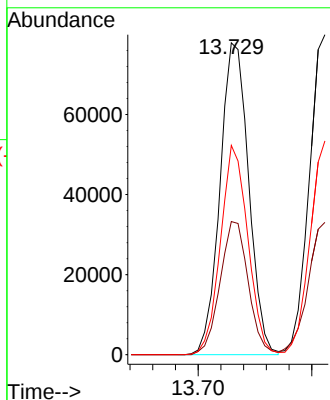
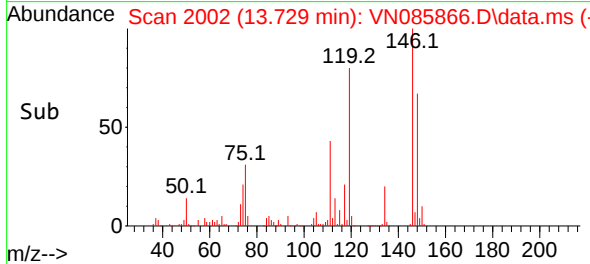
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



Tgt Ion:146 Resp: 13652
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 64.1 32.1 96.5

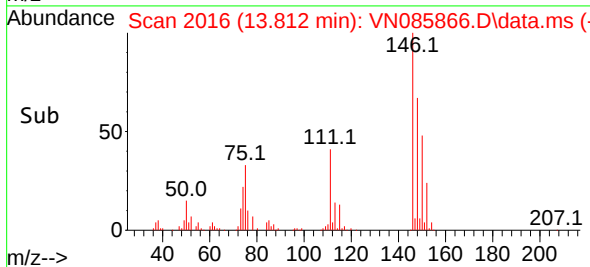
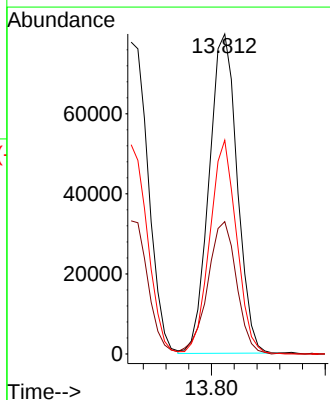
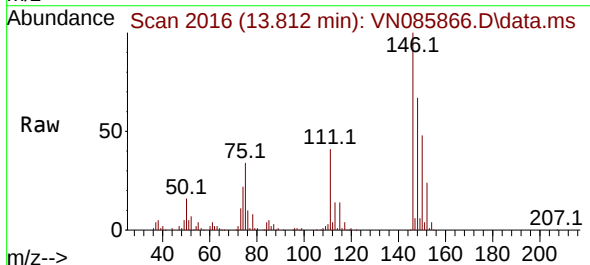
Manual Integrations
APPROVED

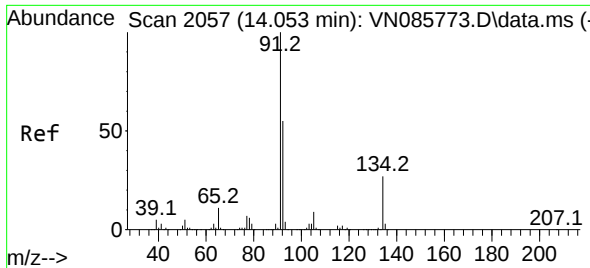
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#88
1,4-Dichlorobenzene
Concen: 18.149 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

Tgt Ion:146 Resp: 137152
Ion Ratio Lower Upper
146 100
111 42.5 20.4 61.3
148 64.0 31.8 95.4





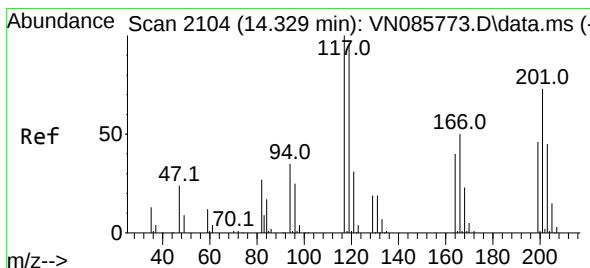
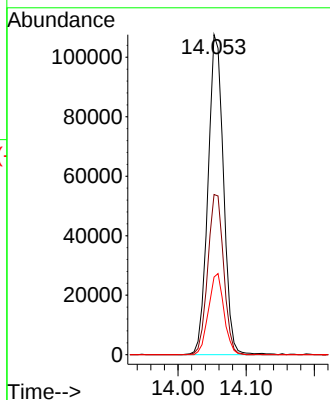
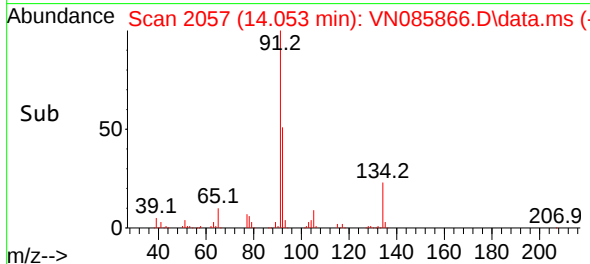
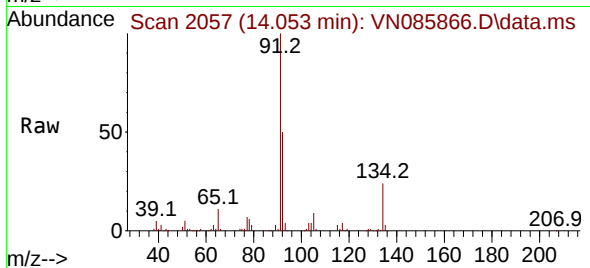
#89
n-Butylbenzene
Concen: 17.007 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion: 91 Resp: 17023
Ion Ratio Lower Upper
91 100
92 51.2 27.1 81.3
134 25.3 12.7 38.1

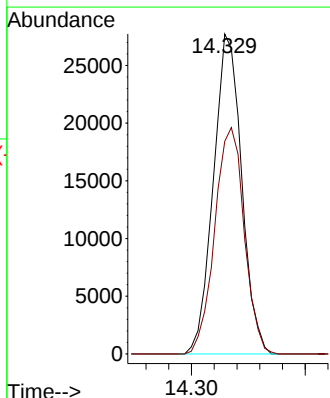
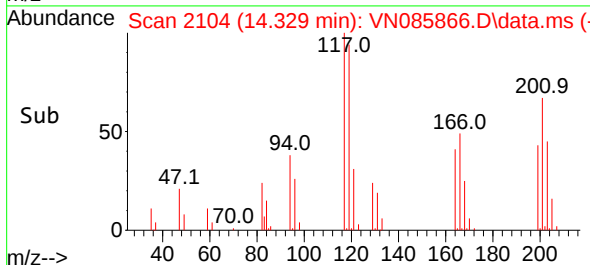
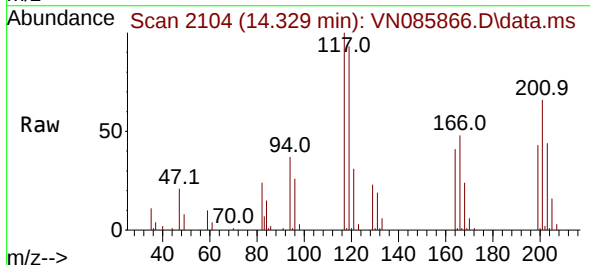
Manual Integrations
APPROVED

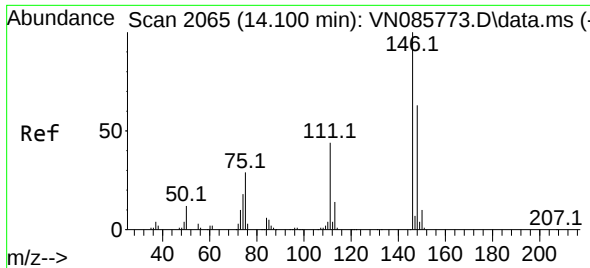
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#90
Hexachloroethane
Concen: 17.899 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

Tgt Ion:117 Resp: 47792
Ion Ratio Lower Upper
117 100
201 74.0 35.6 106.9





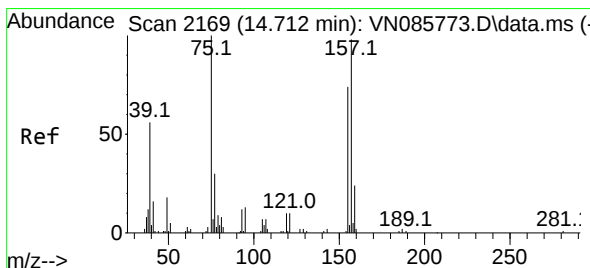
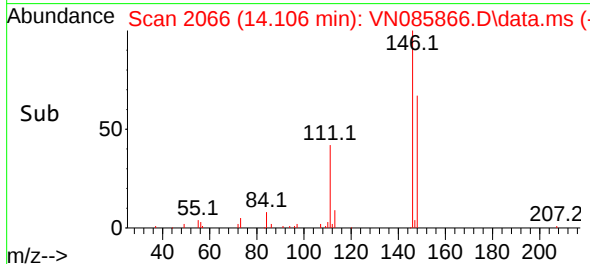
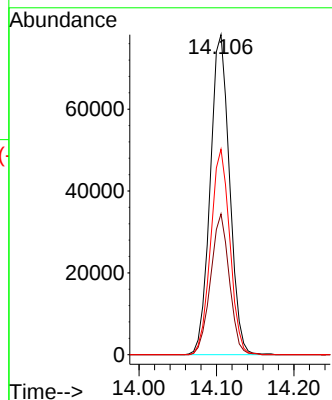
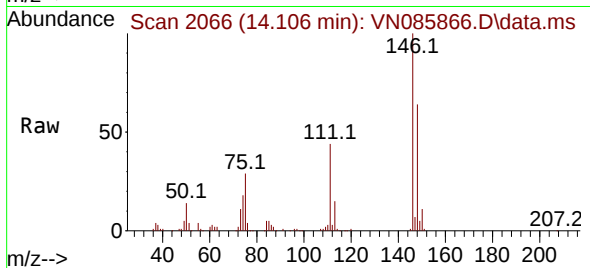
#91
1,2-Dichlorobenzene
Concen: 19.081 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01

Tgt Ion:146 Resp: 135292
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.3
148 63.6 32.0 96.2

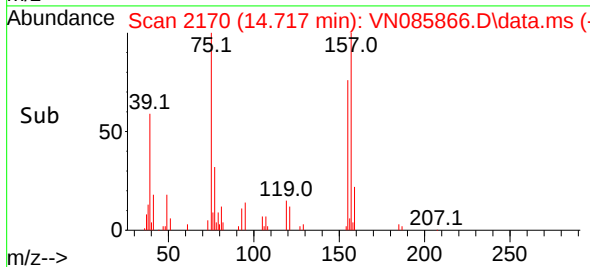
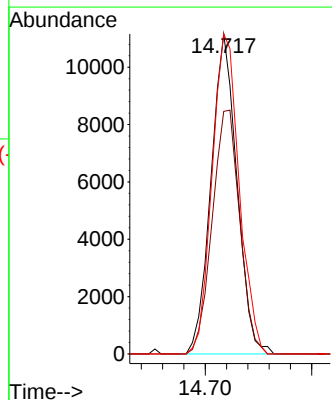
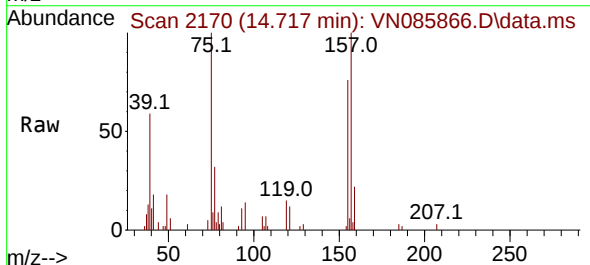
Manual Integrations
APPROVED

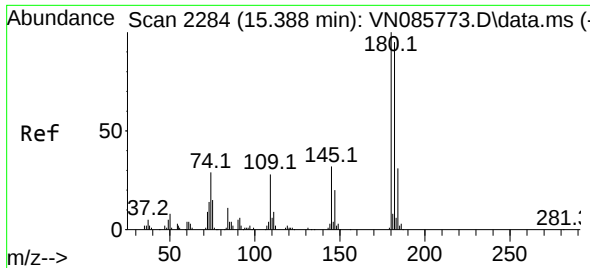
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.447 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

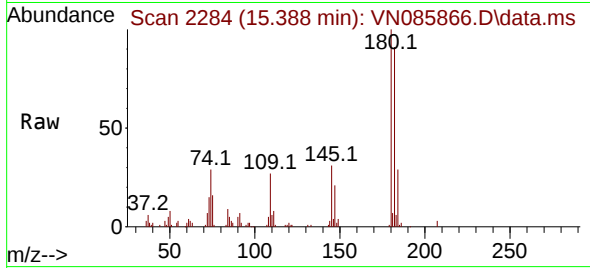
Tgt Ion: 75 Resp: 18821
Ion Ratio Lower Upper
75 100
155 80.8 39.9 119.6
157 104.7 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 17.651 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

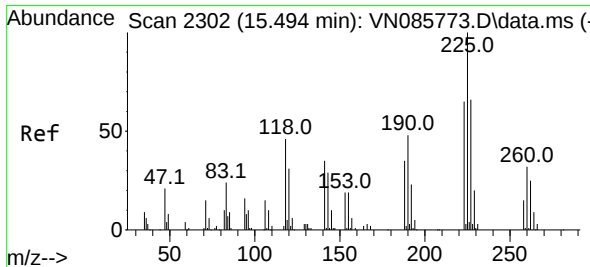
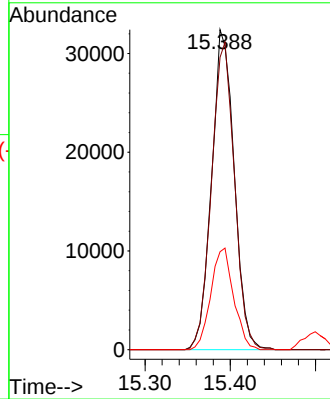
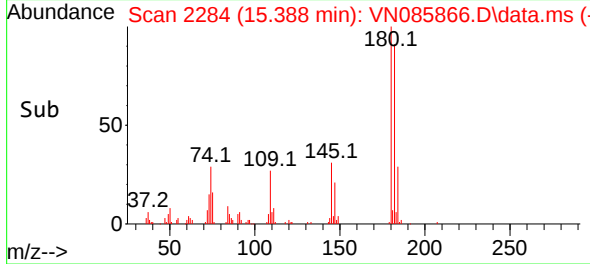
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



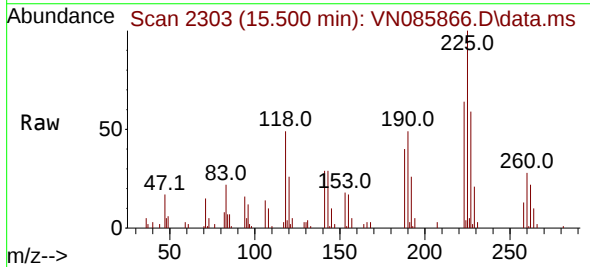
Tgt Ion:180 Resp: 59634
Ion Ratio Lower Upper
180 100
182 97.6 47.3 141.9
145 32.1 16.2 48.5

Manual Integrations
APPROVED

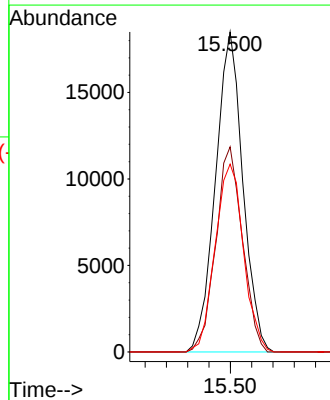
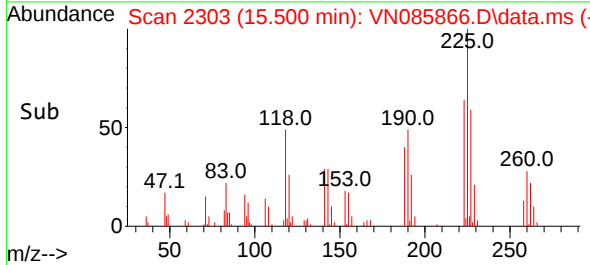
Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025

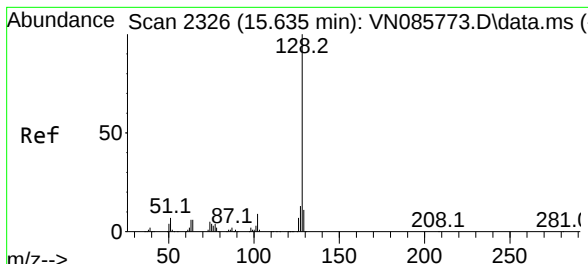


#94
Hexachlorobutadiene
Concen: 16.053 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



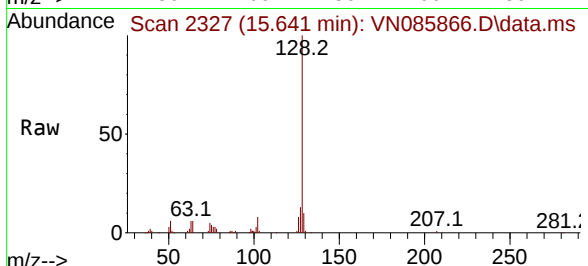
Tgt Ion:225 Resp: 32961
Ion Ratio Lower Upper
225 100
223 62.4 31.9 95.5
227 60.9 32.2 96.6





#95
Naphthalene
Concen: 18.882 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07

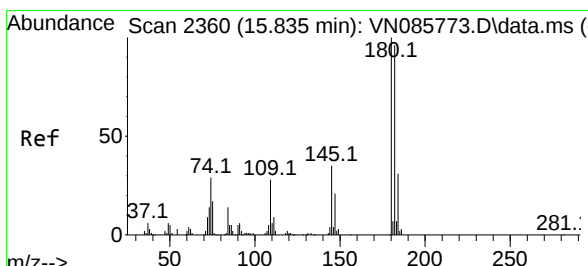
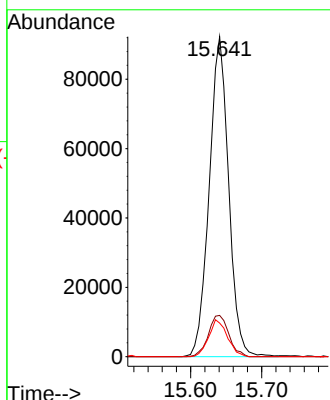
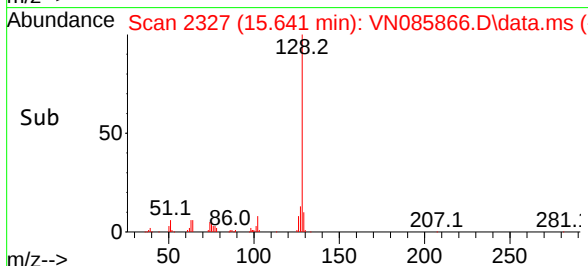
Instrument :
MSVOA_N
ClientSampleId :
VN0226WBSD01



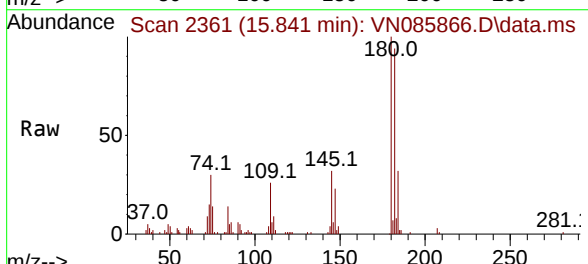
Tgt Ion:128 Resp: 17514
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.2
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/27/2025
Supervised By :Mahesh Dadoda 02/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.116 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085866.D
Acq: 26 Feb 2025 13:07



Tgt Ion:180 Resp: 61447
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.8
145 32.2 16.9 50.6

