

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022525\
 Data File : VN085851.D
 Acq On : 25 Feb 2025 12:48
 Operator : JC\MD
 Sample : VN0225WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/26/2025
 Supervised By : Mahesh Dadoda 02/26/2025

Quant Time: Feb 25 23:29:25 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	262908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	431928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	385953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	172582	50.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.260%			
35) Dibromofluoromethane	8.165	113	143412	50.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	10.565	98	524864	51.042	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.080%			
62) 4-Bromofluorobenzene	12.847	95	179379	52.945	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66929	18.716	ug/l	97
3) Chloromethane	2.359	50	64024	17.842	ug/l	100
4) Vinyl Chloride	2.512	62	70151	18.463	ug/l	98
5) Bromomethane	2.953	94	44373	18.265	ug/l	100
6) Chloroethane	3.118	64	45332	18.013	ug/l	99
7) Trichlorofluoromethane	3.494	101	101725	18.492	ug/l	99
8) Diethyl Ether	3.959	74	34917	19.618	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	60244	18.946	ug/l	100
10) Methyl Iodide	4.589	142	73109	18.652	ug/l	98
11) Tert butyl alcohol	5.518	59	55816	133.142	ug/l #	85
12) 1,1-Dichloroethene	4.336	96	52630	18.254	ug/l	97
13) Acrolein	4.183	56	65435	105.255	ug/l	98
14) Allyl chloride	5.024	41	68718	18.154	ug/l	97
15) Acrylonitrile	5.718	53	160433	117.718	ug/l	100
16) Acetone	4.430	43	125697	116.546	ug/l	100
17) Carbon Disulfide	4.712	76	144049	16.858	ug/l	98
18) Methyl Acetate	5.024	43	88617	23.889	ug/l	97
19) Methyl tert-butyl Ether	5.800	73	175490	20.483	ug/l	98
20) Methylene Chloride	5.283	84	67029	19.326	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	57467	18.511	ug/l	93
22) Diisopropyl ether	6.665	45	177822	20.790	ug/l	98
23) Vinyl Acetate	6.606	43	589259	100.616	ug/l	99
24) 1,1-Dichloroethane	6.565	63	114144	19.631	ug/l	99
25) 2-Butanone	7.482	43	193999	122.266	ug/l	99
26) 2,2-Dichloropropane	7.488	77	92841	17.956	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	68348	18.988	ug/l	98
28) Bromochloromethane	7.812	49	54884	22.966	ug/l	95
29) Tetrahydrofuran	7.841	42	128635	125.547	ug/l	99
30) Chloroform	7.965	83	120103	19.766	ug/l	94
31) Cyclohexane	8.253	56	81654	16.772	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	101332	18.749	ug/l	95
36) 1,1-Dichloropropene	8.371	75	74745	18.686	ug/l	99
37) Ethyl Acetate	7.559	43	77556	23.560	ug/l	98
38) Carbon Tetrachloride	8.359	117	91629	19.279	ug/l	95
39) Methylcyclohexane	9.600	83	66928	17.032	ug/l	93
40) Benzene	8.606	78	252877	19.725	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	38562	21.914	ug/l	92
42) 1,2-Dichloroethane	8.671	62	83550	20.008	ug/l	99
43) Isopropyl Acetate	8.688	43	129842	22.172	ug/l	98
44) Trichloroethene	9.353	130	57185	18.167	ug/l	97
45) 1,2-Dichloropropane	9.618	63	64360	20.798	ug/l	98
46) Dibromomethane	9.706	93	46153	21.144	ug/l	99
47) Bromodichloromethane	9.888	83	95259	20.398	ug/l	98
48) Methyl methacrylate	9.682	41	55380	22.653	ug/l	99
49) 1,4-Dioxane	9.694	88	25233	542.780	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	407832	128.503	ug/l	99
52) Toluene	10.629	92	153110	20.374	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	88237	20.433	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	96448	20.368	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	64308	21.522	ug/l	96
56) Ethyl methacrylate	10.870	69	83512	21.079	ug/l	98
57) 1,3-Dichloropropane	11.165	76	106967	21.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	199086	136.678	ug/l	99
59) 2-Hexanone	11.194	43	296477	135.790	ug/l	99
60) Dibromochloromethane	11.359	129	74584	21.437	ug/l	100
61) 1,2-Dibromoethane	11.465	107	62284	22.062	ug/l	100
64) Tetrachloroethene	11.106	164	55806	18.664	ug/l	95
65) Chlorobenzene	11.888	112	172578	19.519	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	65489	20.607	ug/l	99
67) Ethyl Benzene	11.965	91	261416	18.875	ug/l	99
68) m/p-Xylenes	12.070	106	212743	40.439	ug/l	98
69) o-Xylene	12.400	106	96039	19.211	ug/l	99
70) Styrene	12.412	104	168231	19.552	ug/l	99
71) Bromoform	12.576	173	51562	21.835	ug/l #	97
73) Isopropylbenzene	12.694	105	239087	18.477	ug/l	99
74) N-amyl acetate	12.494	43	96632	21.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	95689	21.490	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	79212m	18.880	ug/l	
77) Bromobenzene	12.982	156	67664	19.355	ug/l	95
78) n-propylbenzene	13.035	91	289795	19.555	ug/l	100
79) 2-Chlorotoluene	13.123	91	189771	19.166	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	207322	19.669	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	32998	22.948	ug/l	98
82) 4-Chlorotoluene	13.223	91	192069	19.567	ug/l	99
83) tert-Butylbenzene	13.435	119	167530	18.900	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	207238	19.872	ug/l	99
85) sec-Butylbenzene	13.617	105	229669	18.339	ug/l	99
86) p-Isopropyltoluene	13.729	119	189823	17.838	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	122985	18.777	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	121695	18.128	ug/l	98
89) n-Butylbenzene	14.059	91	148414	16.691	ug/l	96
90) Hexachloroethane	14.329	117	44496	18.760	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	120575	19.144	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17189	21.022	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	51043	17.007	ug/l	100
94) Hexachlorobutadiene	15.500	225	28633	15.698	ug/l	99
95) Naphthalene	15.641	128	148588	18.033	ug/l	98
96) 1,2,3-Trichlorobenzene	15.835	180	52826	17.533	ug/l	98

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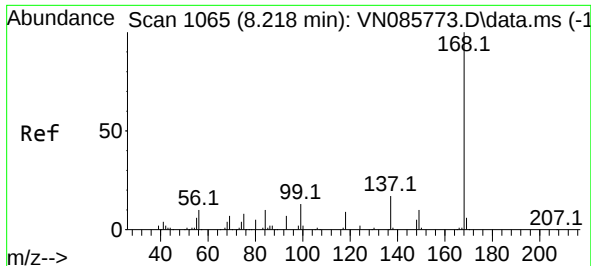
Manual Integrations
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Quant Title : SW846 8260
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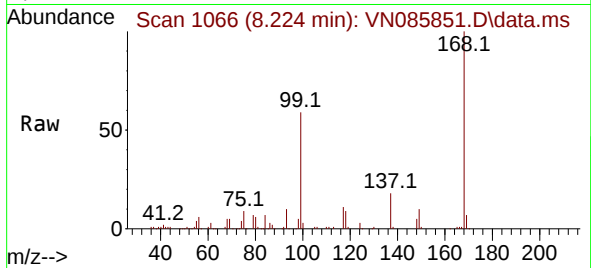
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085851.D
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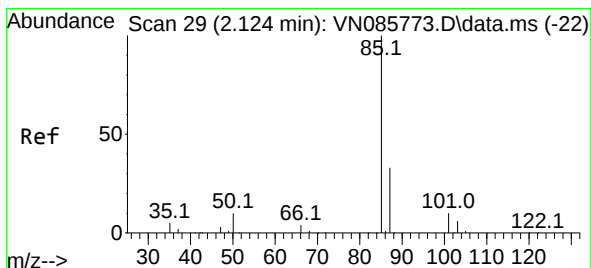
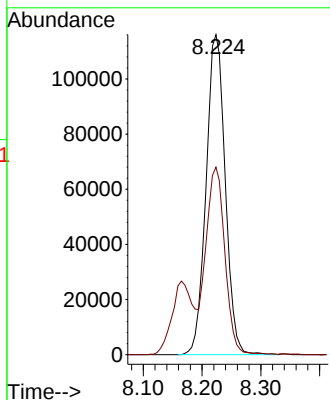
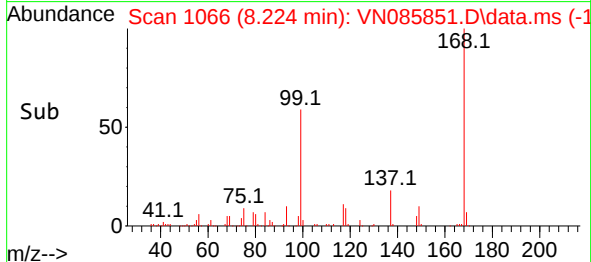
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



Tgt Ion:168 Resp: 262908
Ion Ratio Lower Upper
168 100
99 58.5 47.9 71.9

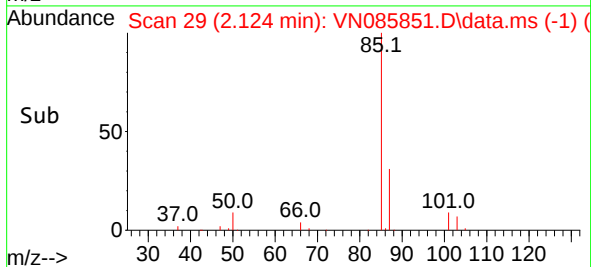
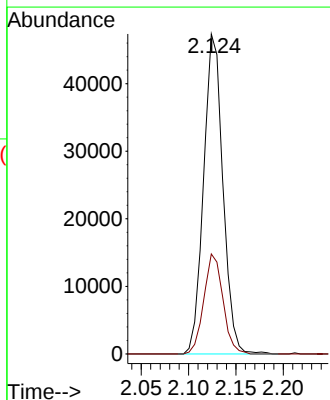
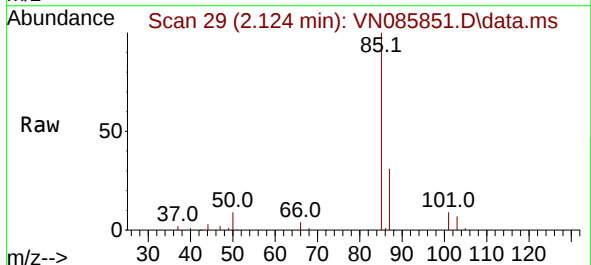
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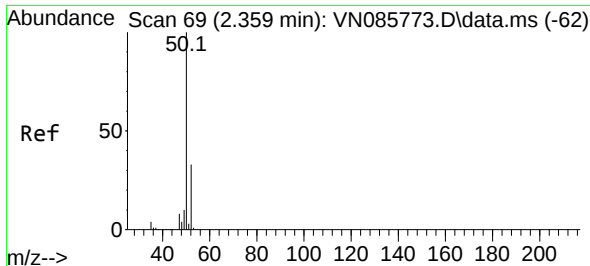
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#2
Dichlorodifluoromethane
Concen: 18.716 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

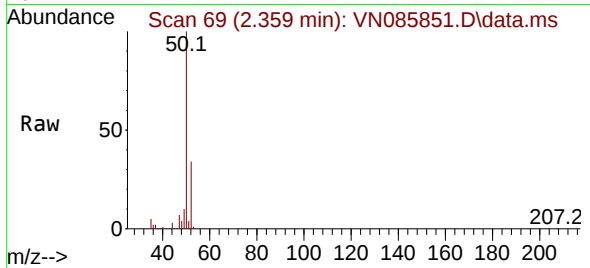
Tgt Ion: 85 Resp: 66929
Ion Ratio Lower Upper
85 100
87 31.3 16.4 49.2





#3
Chloromethane
Concen: 17.842 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

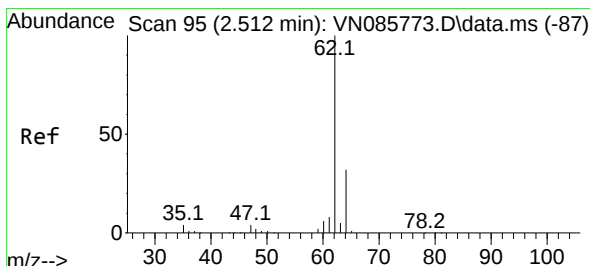
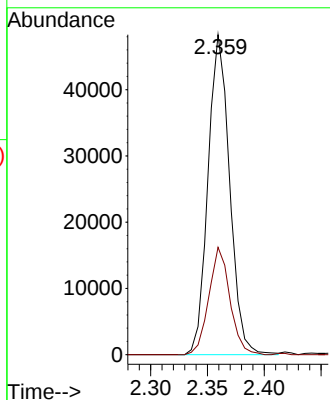
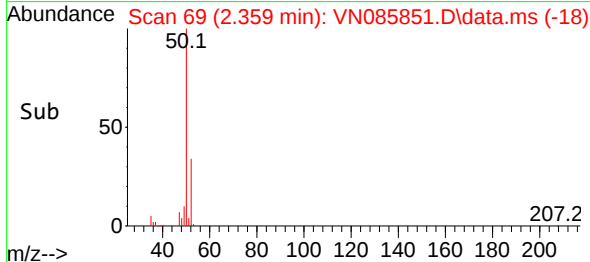
Instrument :
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Tgt Ion: 50 Resp: 64024
Ion Ratio Lower Upper
50 100
52 33.6 26.7 40.1

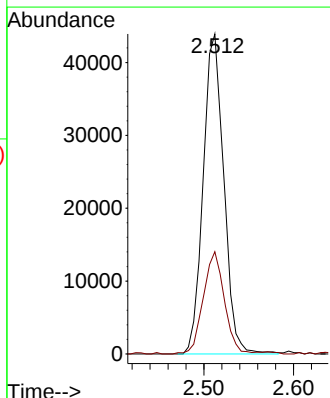
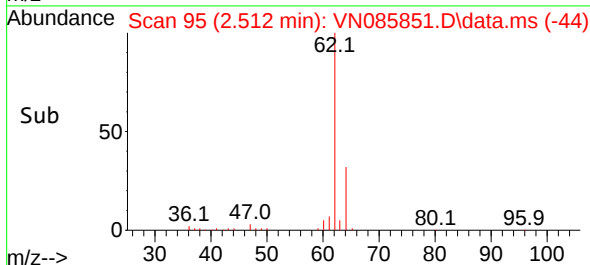
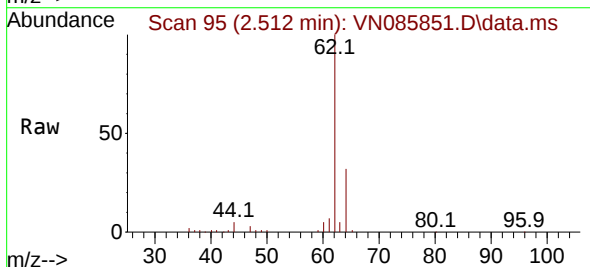
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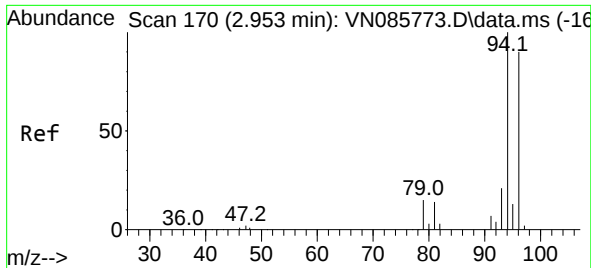
Reviewed By :John Carlone 02/26/2025
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#4
Vinyl Chloride
Concen: 18.463 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

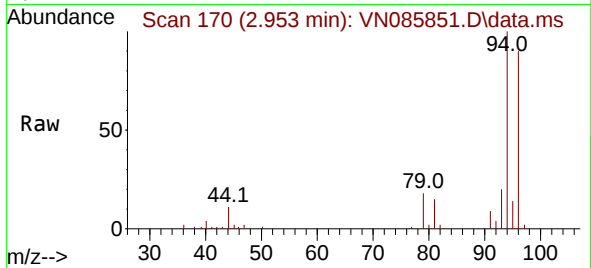
Tgt Ion: 62 Resp: 70151
Ion Ratio Lower Upper
62 100
64 31.5 25.9 38.9





#5
Bromomethane
Concen: 18.265 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

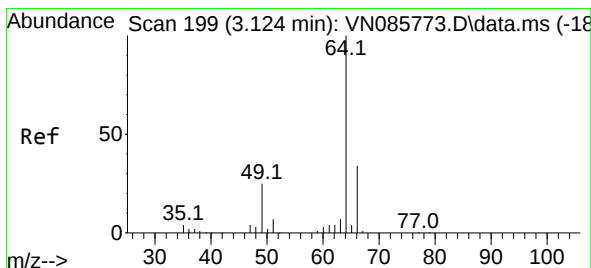
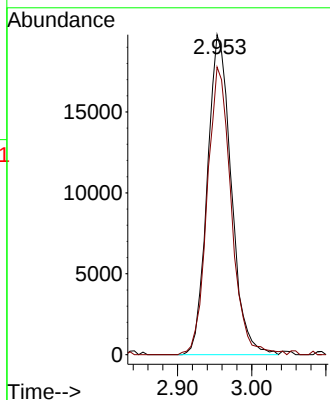
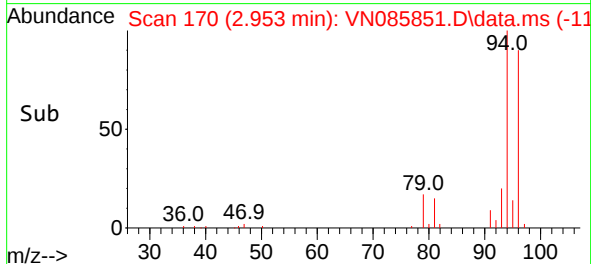
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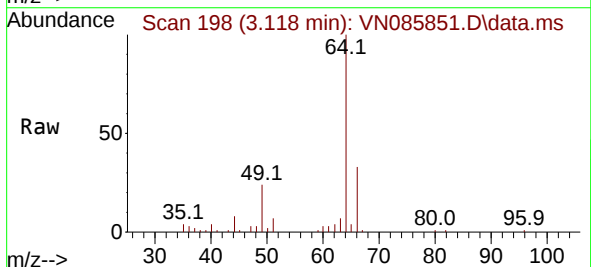
Tgt Ion: 94 Resp: 4437
Ion Ratio Lower Upper
94 100
96 89.9 71.7 107.5

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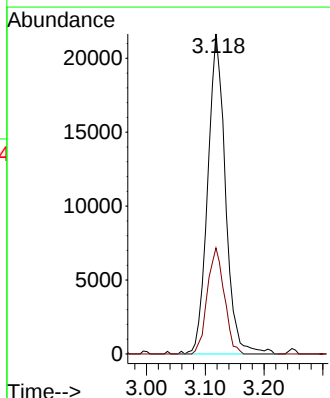
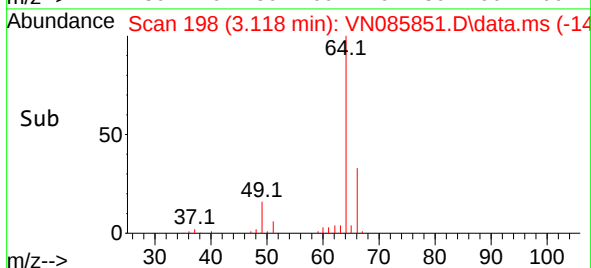
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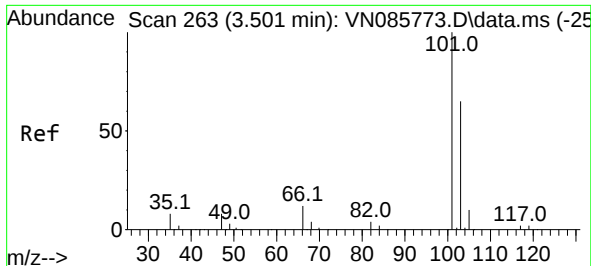


#6
Chloroethane
Concen: 18.013 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085851.D
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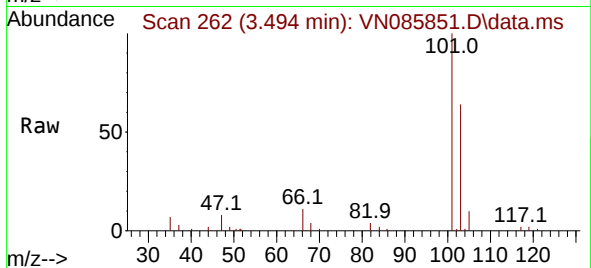
Tgt Ion: 64 Resp: 45332
Ion Ratio Lower Upper
64 100
66 33.1 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 18.492 ug/l
 RT: 3.494 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN085851.D
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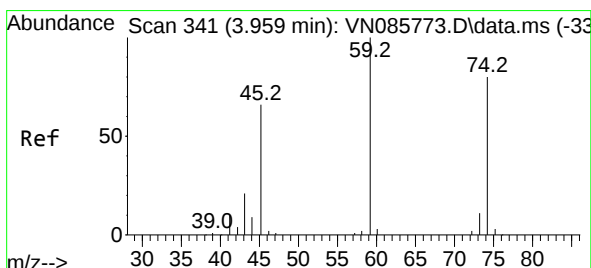
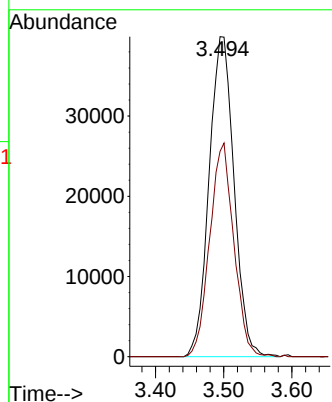
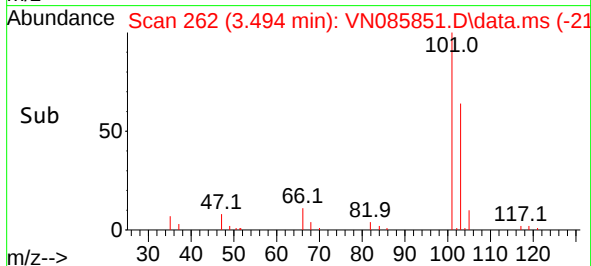
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Tgt Ion:101 Resp: 101725
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.2 78.4

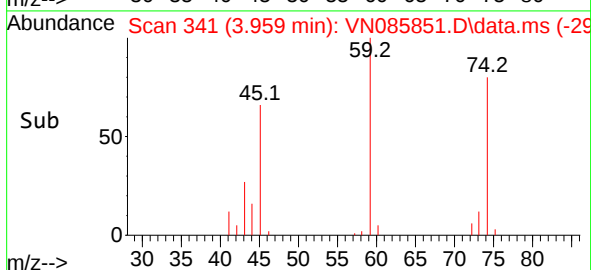
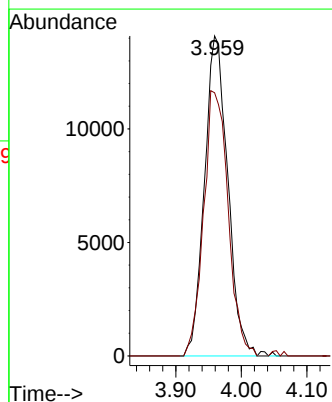
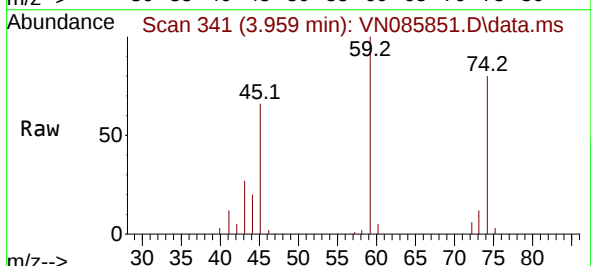
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#8
 Diethyl Ether
 Concen: 19.618 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085851.D
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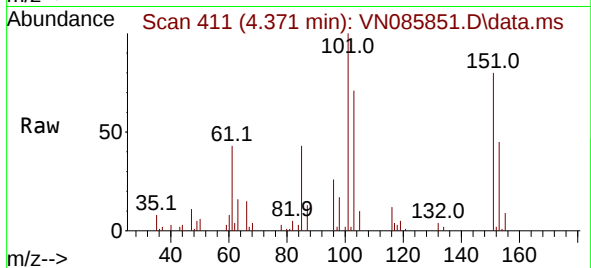
Tgt Ion: 74 Resp: 34917
 Ion Ratio Lower Upper
 74 100
 45 86.9 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.946 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN085851.D
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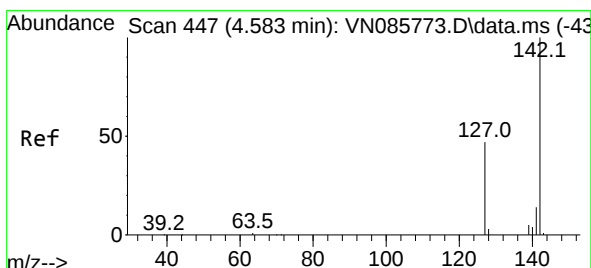
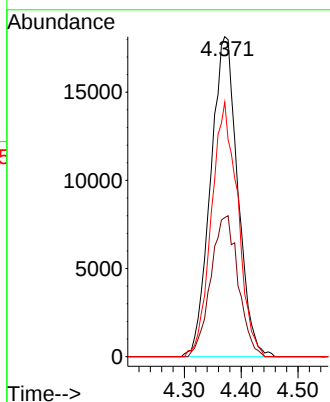
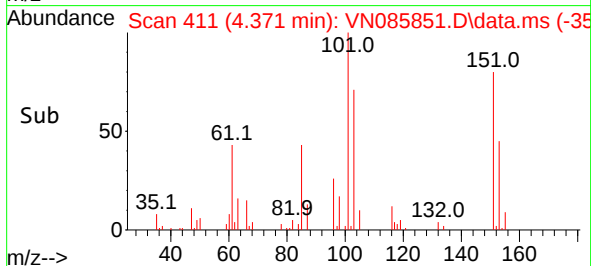
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MSVOA_N
ClientSampleId :
VN0225WBSD01



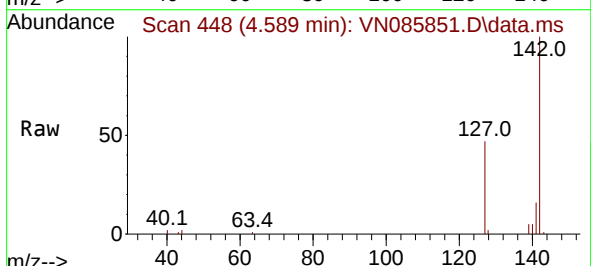
Tgt Ion:101 Resp: 60244
Ion Ratio Lower Upper
101 100
85 44.6 35.7 53.5
151 77.1 61.4 92.2

Manual Integrations
APPROVED

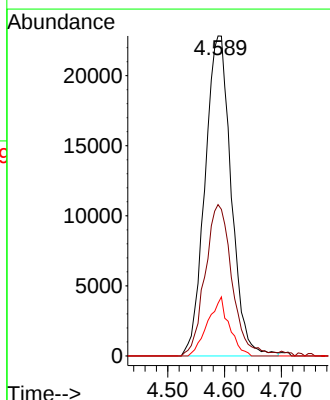
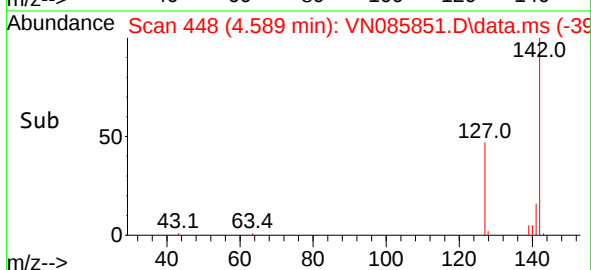
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#10
Methyl Iodide
Concen: 18.652 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48



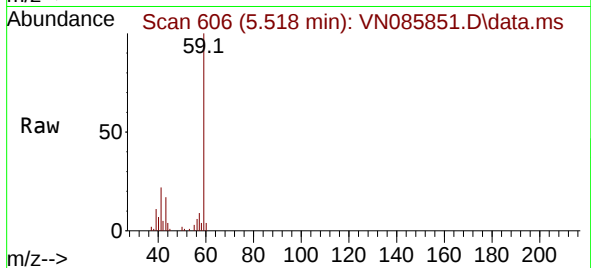
Tgt Ion:142 Resp: 73109
Ion Ratio Lower Upper
142 100
127 47.3 37.6 56.4
141 16.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 133.142 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

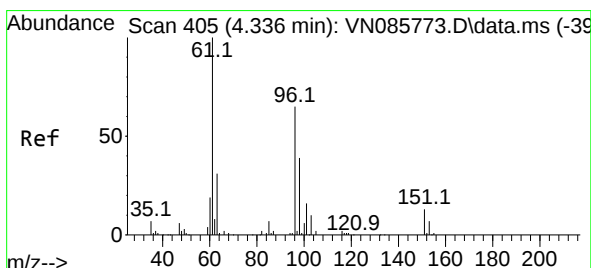
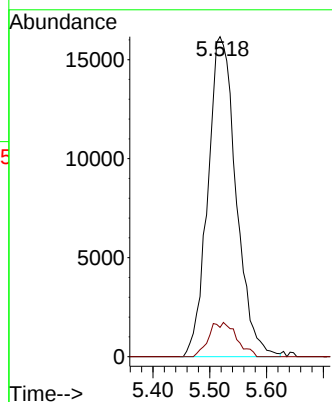
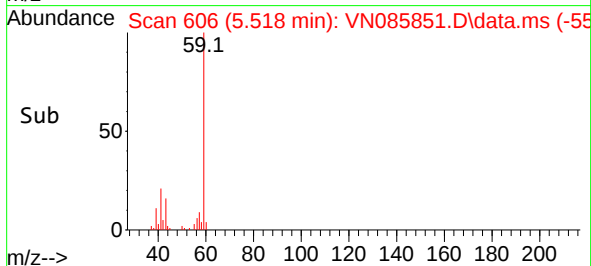
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



Tgt Ion: 59 Resp: 55810
Ion Ratio Lower Upper
59 100
57 4.8 8.3 12.5

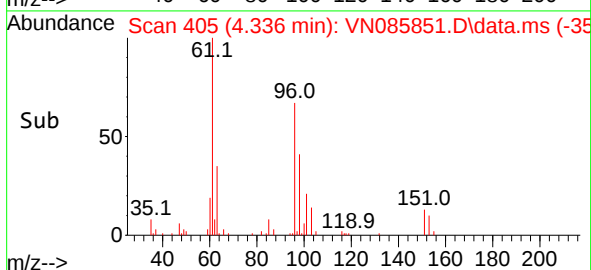
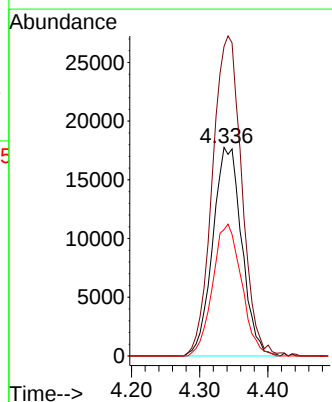
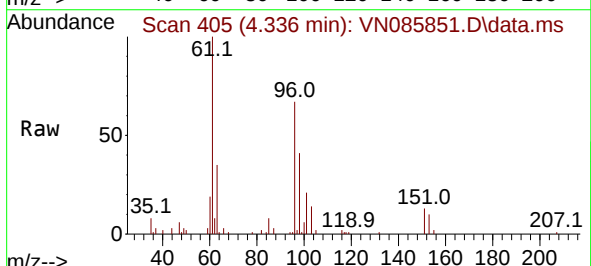
Manual Integrations
APPROVED

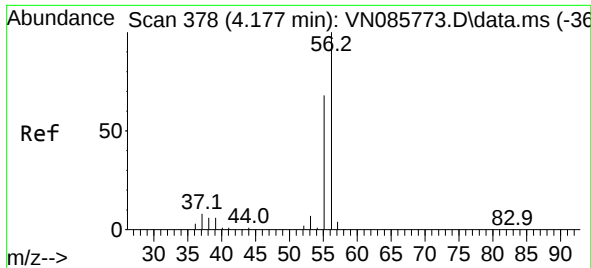
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#12
1,1-Dichloroethene
Concen: 18.254 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion: 96 Resp: 52630
Ion Ratio Lower Upper
96 100
61 148.5 123.3 184.9
98 60.6 48.6 72.8





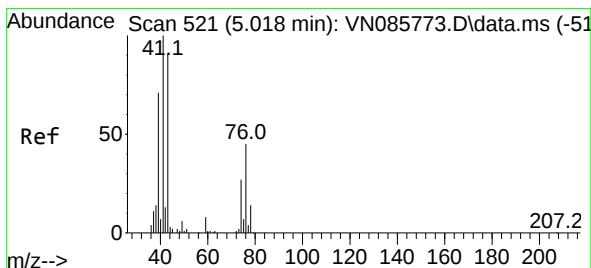
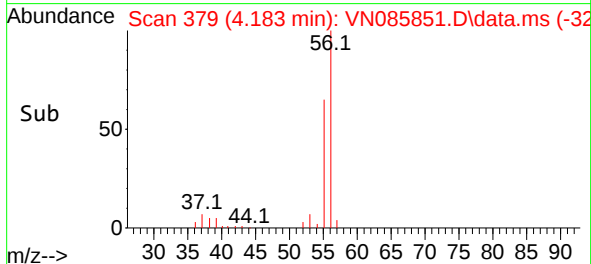
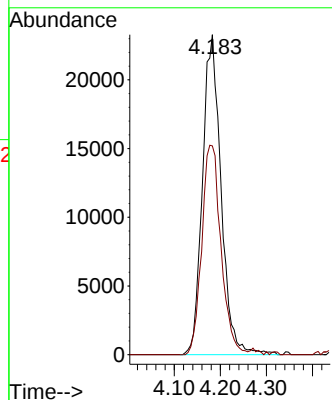
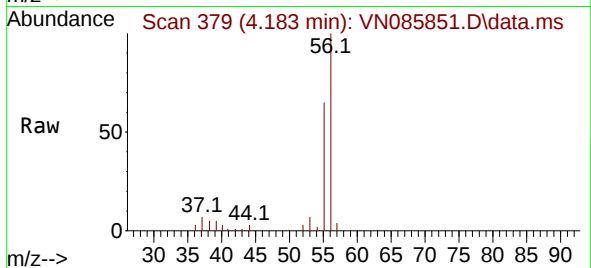
#13
Acrolein
Concen: 105.255 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion: 56 Resp: 6543
Ion Ratio Lower Upper
56 100
55 67.6 55.3 82.9

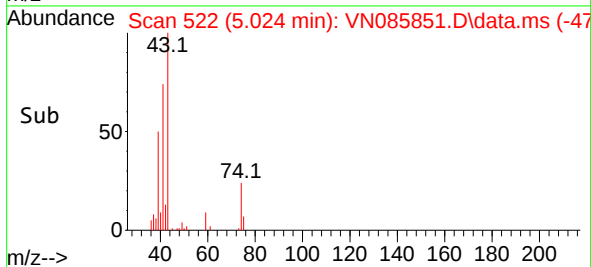
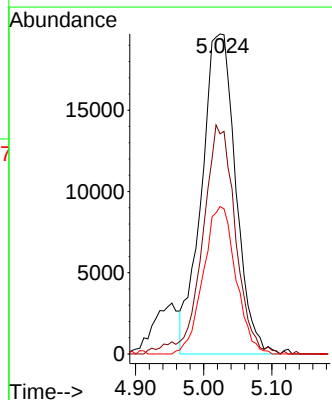
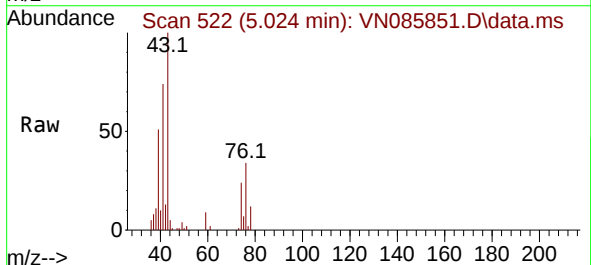
Manual Integrations
APPROVED

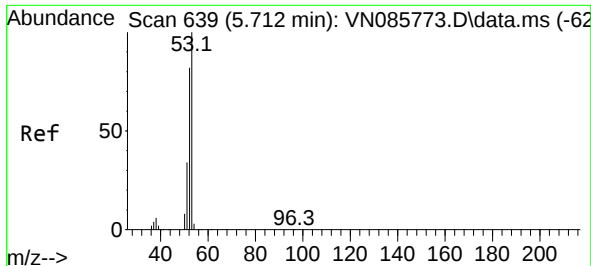
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#14
Allyl chloride
Concen: 18.154 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

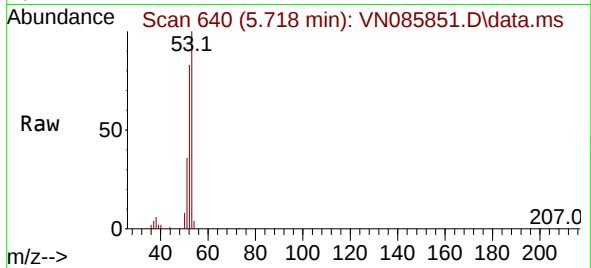
Tgt Ion: 41 Resp: 68718
Ion Ratio Lower Upper
41 100
39 68.9 57.4 86.2
76 43.8 36.2 54.2





#15
Acrylonitrile
Concen: 117.718 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

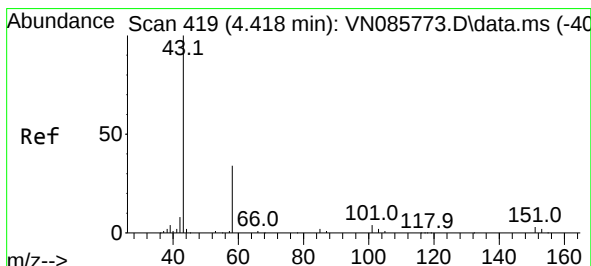
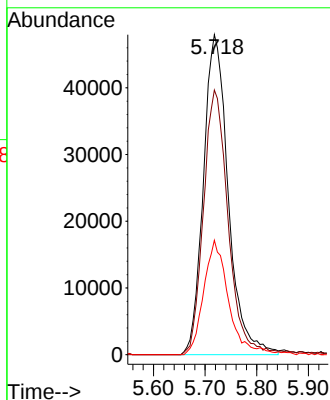
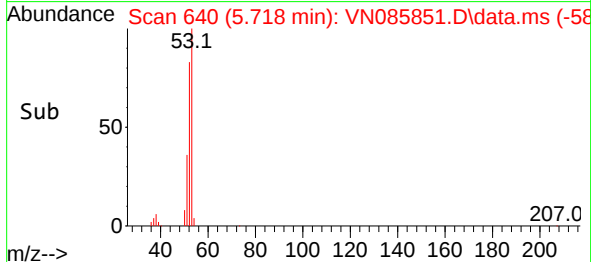
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



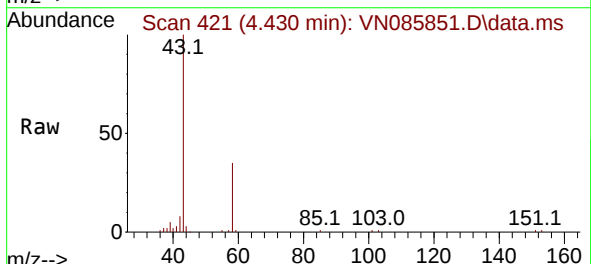
Tgt Ion: 53 Resp: 16043
Ion Ratio Lower Upper
53 100
52 82.1 65.8 98.6
51 35.5 28.6 42.8

Manual Integrations
APPROVED

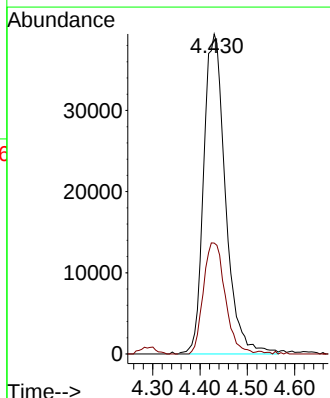
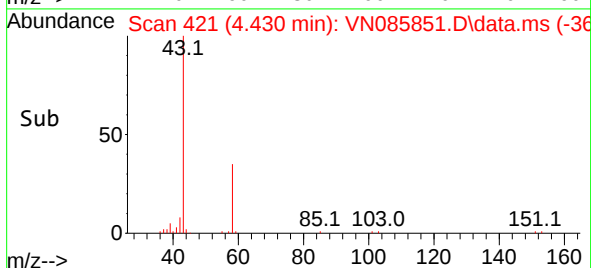
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

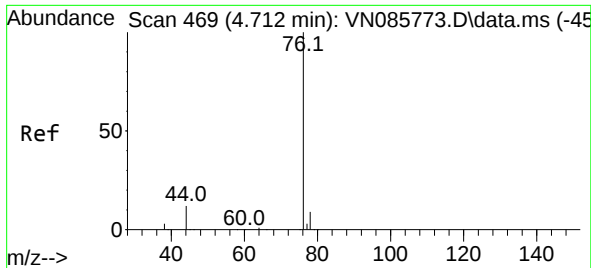


#16
Acetone
Concen: 116.546 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48



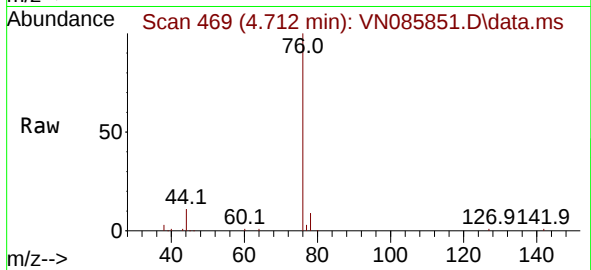
Tgt Ion: 43 Resp: 125697
Ion Ratio Lower Upper
43 100
58 34.6 27.5 41.3





#17
Carbon Disulfide
Concen: 16.858 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

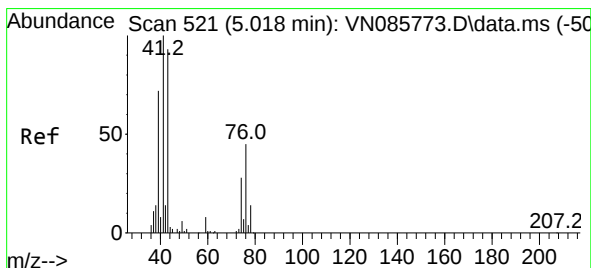
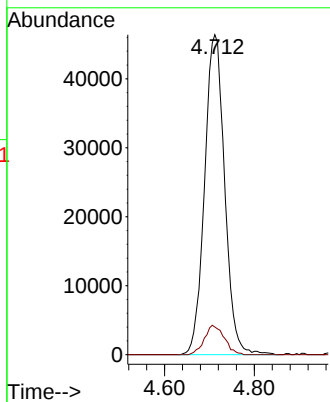
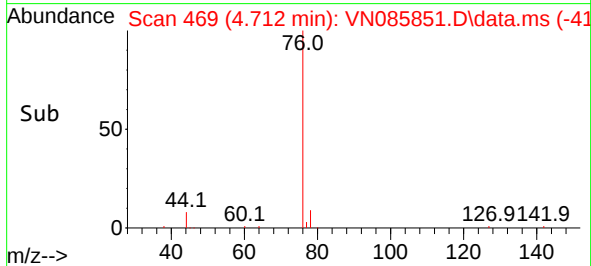
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



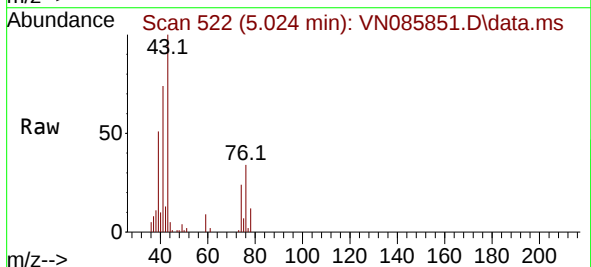
Tgt Ion: 76 Resp: 144049
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

Manual Integrations
APPROVED

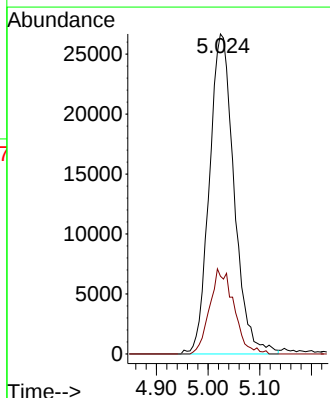
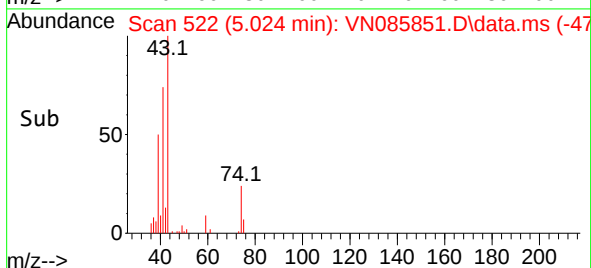
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#18
Methyl Acetate
Concen: 23.889 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48



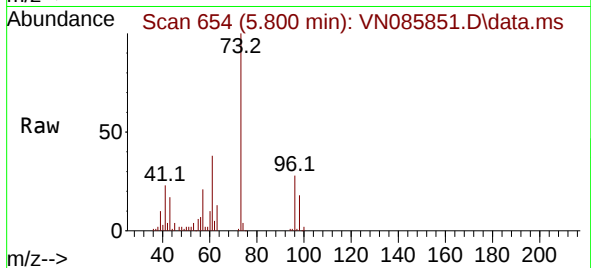
Tgt Ion: 43 Resp: 88617
Ion Ratio Lower Upper
43 100
74 26.1 22.2 33.4





#19
Methyl tert-butyl Ether
Concen: 20.483 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

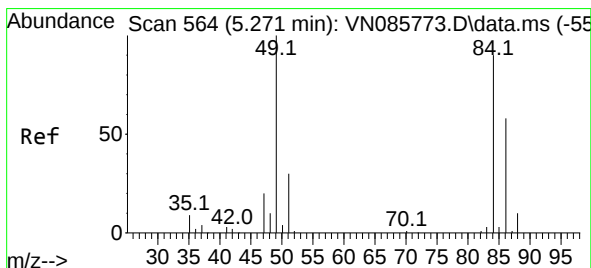
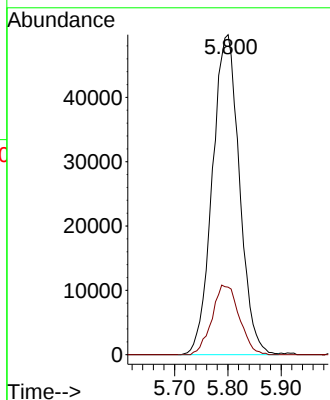
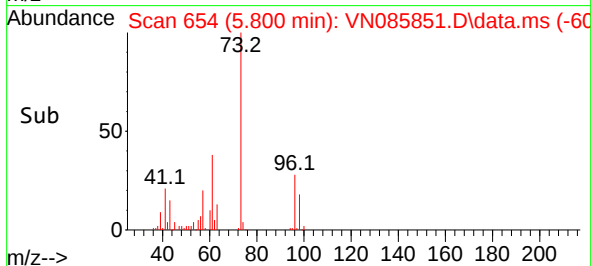
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



Tgt Ion: 73 Resp: 175490
Ion Ratio Lower Upper
73 100
57 21.1 17.6 26.4

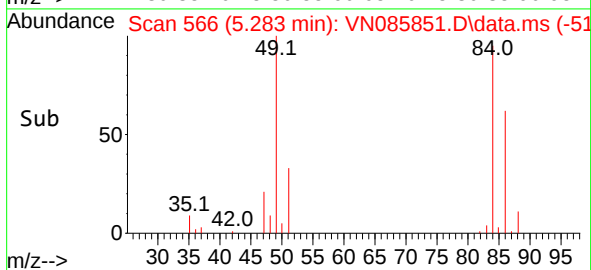
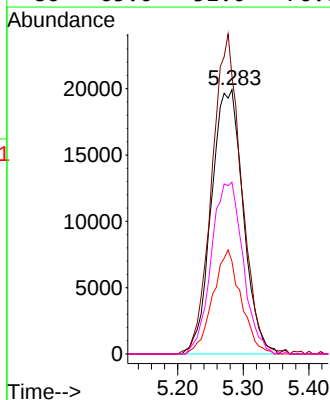
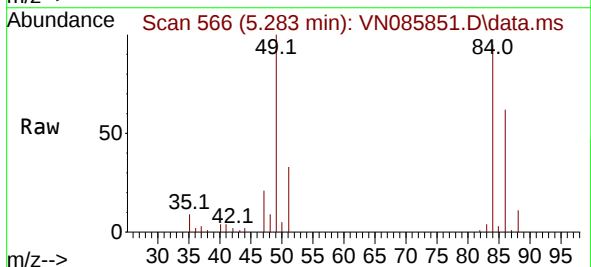
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#20
Methylene Chloride
Concen: 19.326 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion: 84 Resp: 67029
Ion Ratio Lower Upper
84 100
49 105.1 88.4 132.6
51 35.0 26.6 40.0
86 65.0 51.0 76.6





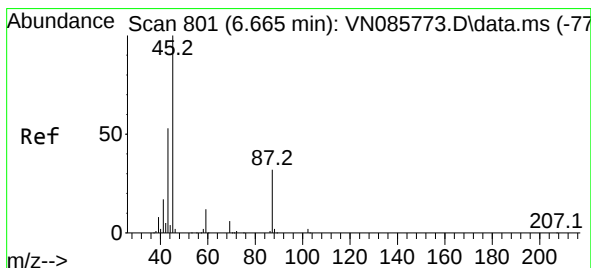
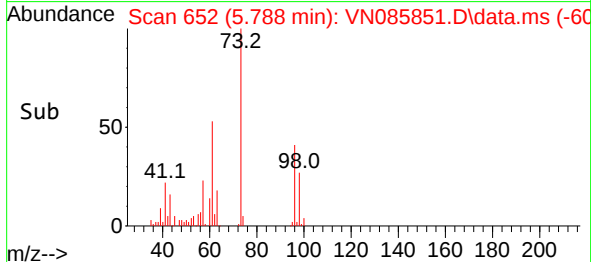
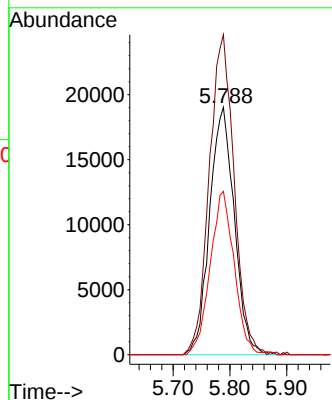
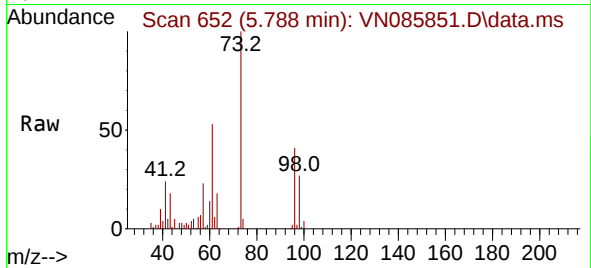
#21
trans-1,2-Dichloroethene
Concen: 18.511 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion: 96 Resp: 5746
Ion Ratio Lower Upper
96 100
61 129.4 112.6 168.8
98 66.0 53.3 79.9

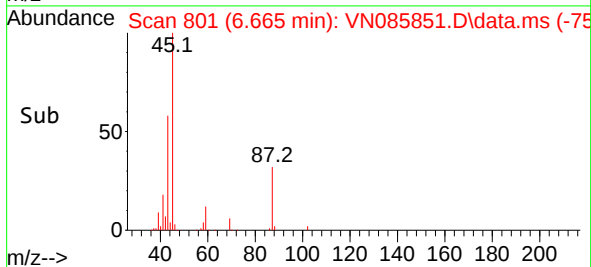
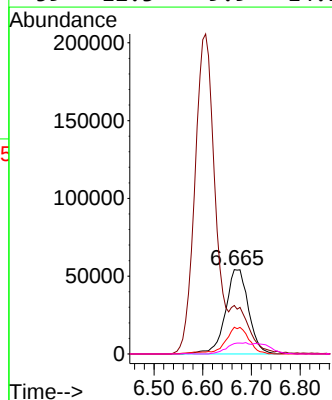
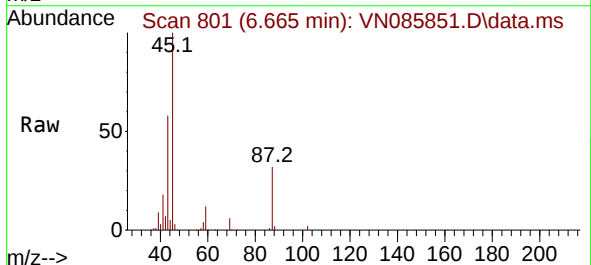
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#22
Diisopropyl ether
Concen: 20.790 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

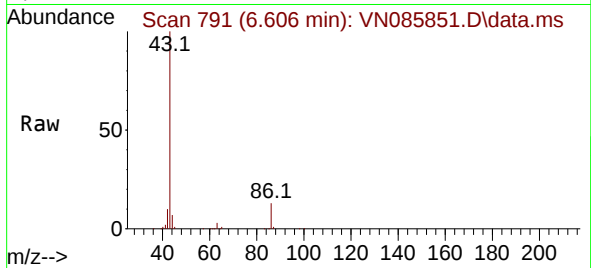
Tgt Ion: 45 Resp: 177822
Ion Ratio Lower Upper
45 100
43 55.7 42.6 64.0
87 31.6 25.8 38.8
59 12.3 9.9 14.9





#23
 Vinyl Acetate
 Concen: 100.616 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.012 min
 Lab File: VN085851.D
 Acq: 25 Feb 2025 12:48

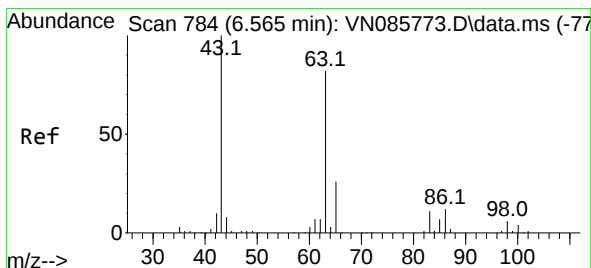
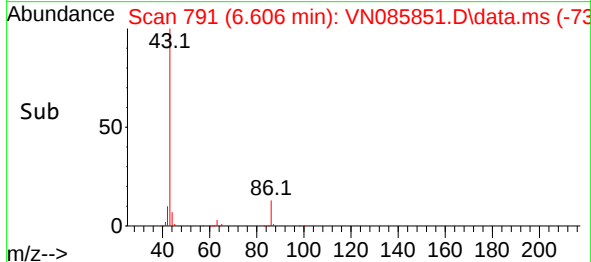
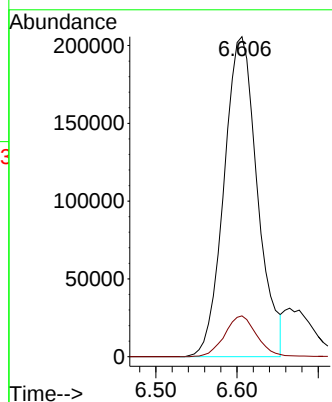
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01



Tgt Ion: 43 Resp: 58925
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.8 14.8

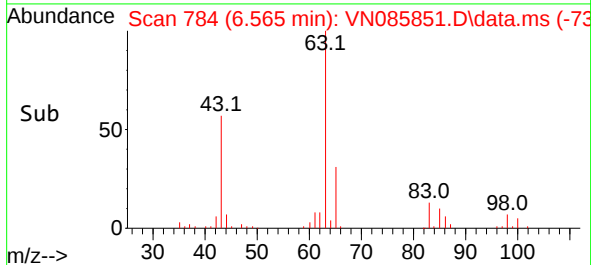
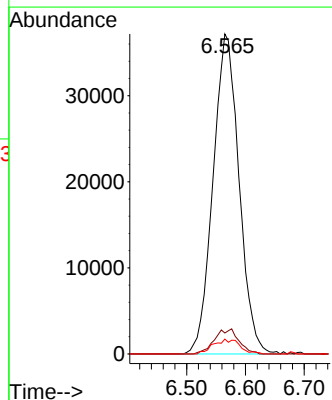
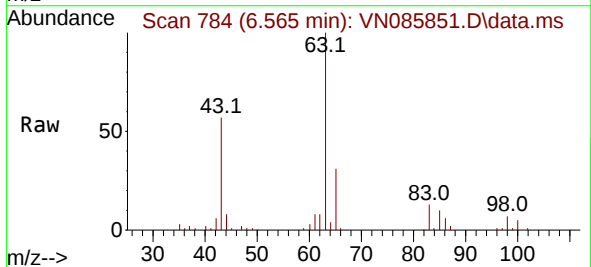
Manual Integrations
 APPROVED

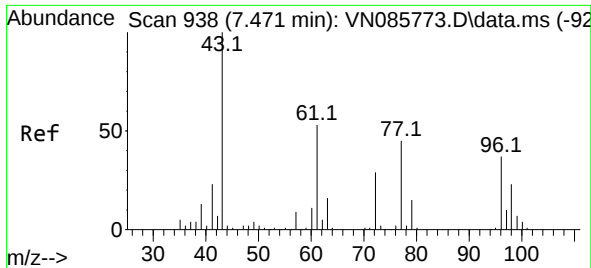
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#24
 1,1-Dichloroethane
 Concen: 19.631 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085851.D
 Acq: 25 Feb 2025 12:48

Tgt Ion: 63 Resp: 114144
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.7 2.4 7.2





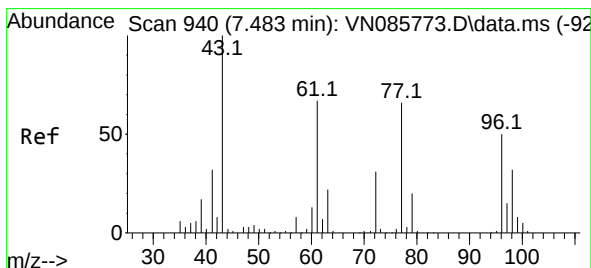
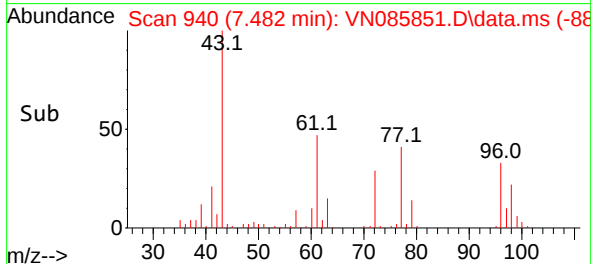
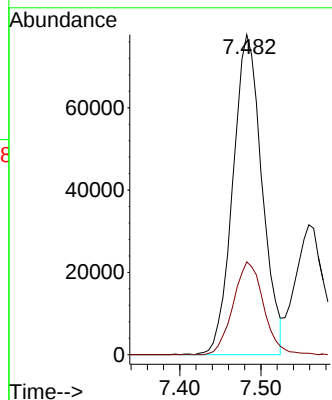
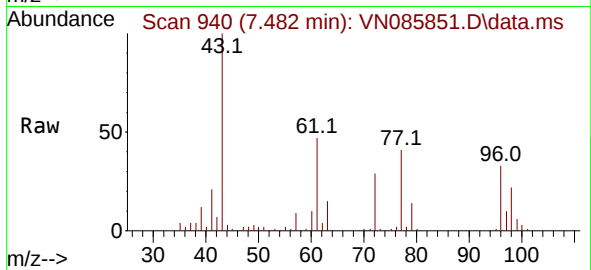
#25
2-Butanone
Concen: 122.266 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion: 43 Resp: 193999
Ion Ratio Lower Upper
43 100
72 29.0 23.6 35.4

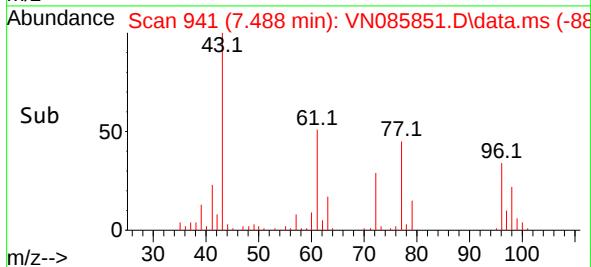
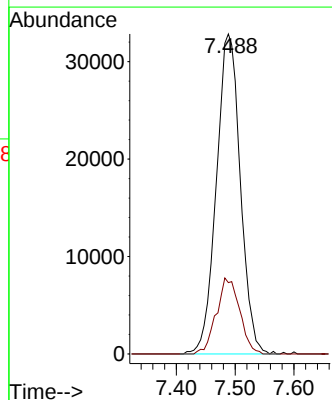
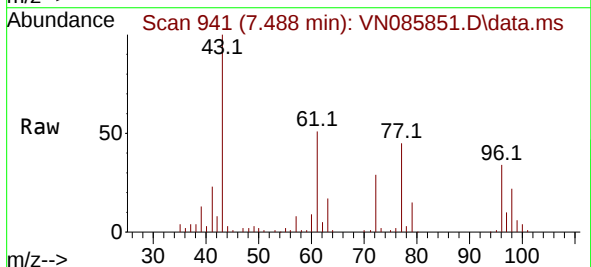
Manual Integrations
APPROVED

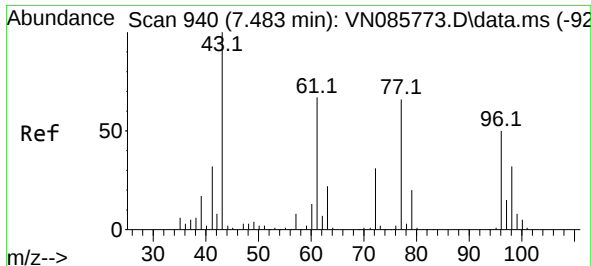
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#26
2,2-Dichloropropane
Concen: 17.956 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

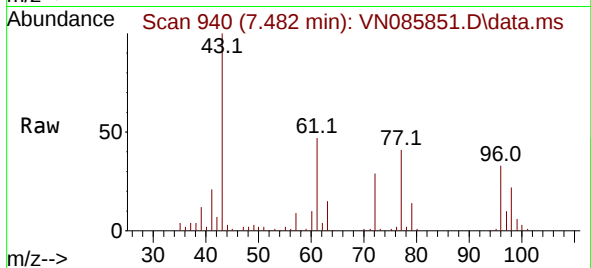
Tgt Ion: 77 Resp: 92841
Ion Ratio Lower Upper
77 100
97 23.1 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.988 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085851.D
 Acq: 25 Feb 2025 12:48

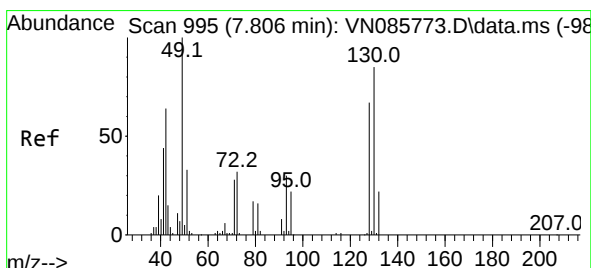
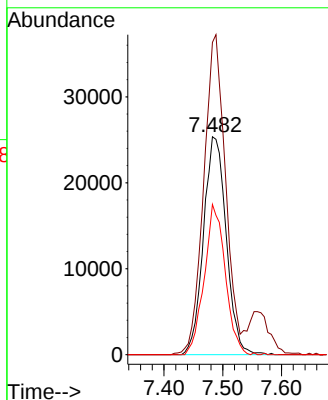
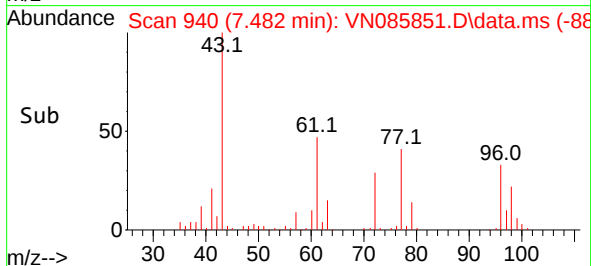
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01



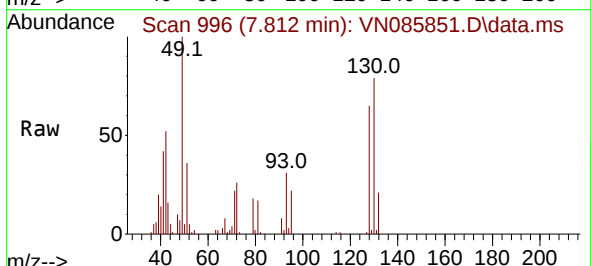
Tgt Ion: 96 Resp: 68348
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 280.6
 98 63.4 0.0 128.6

Manual Integrations
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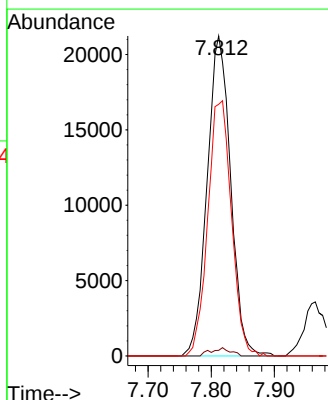
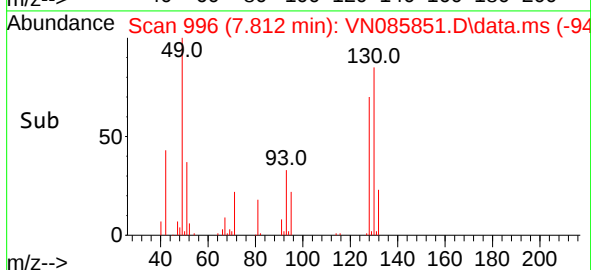
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#28
 Bromochloromethane
 Concen: 22.966 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085851.D
 Acq: 25 Feb 2025 12:48



Tgt Ion: 49 Resp: 54884
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 80.3 68.0 102.0





#29

Tetrahydrofuran

Concen: 125.547 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.012 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

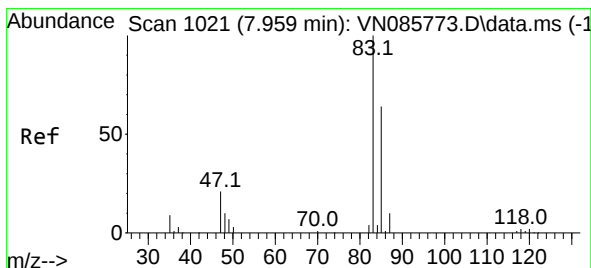
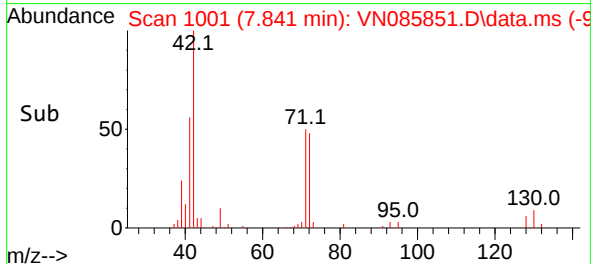
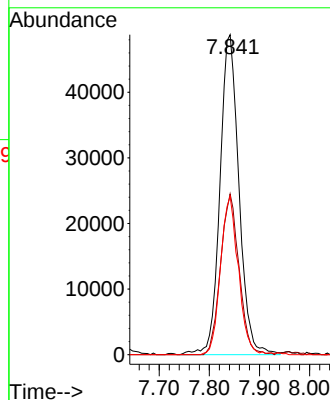
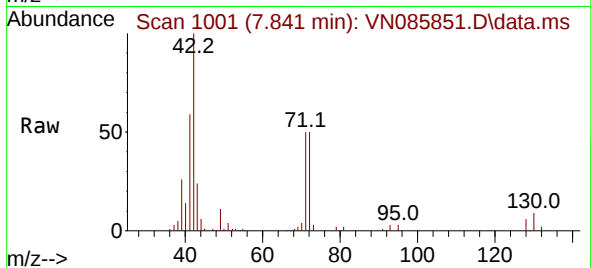
Tgt Ion: 42 Resp: 128635
 Ion Ratio Lower Upper
 42 100
 72 48.7 40.0 60.0
 71 46.3 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#30

Chloroform

Concen: 19.766 ug/l

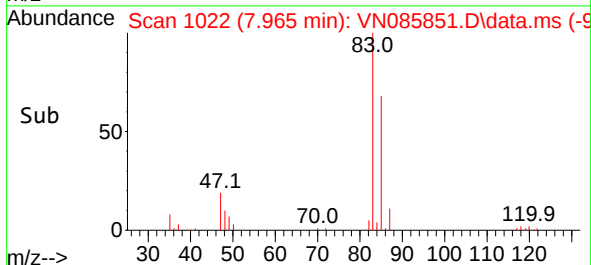
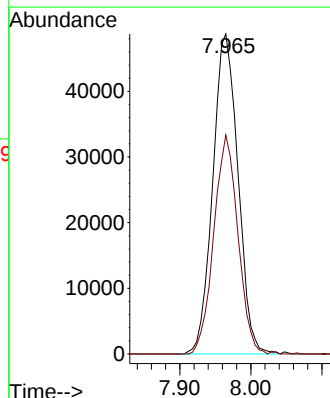
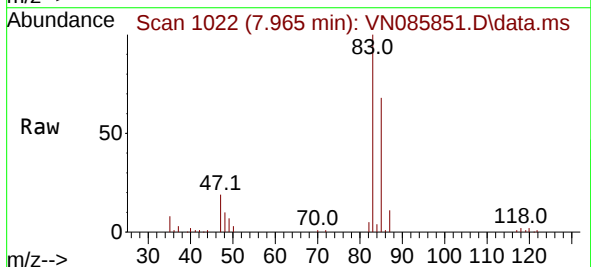
RT: 7.965 min Scan# 1022

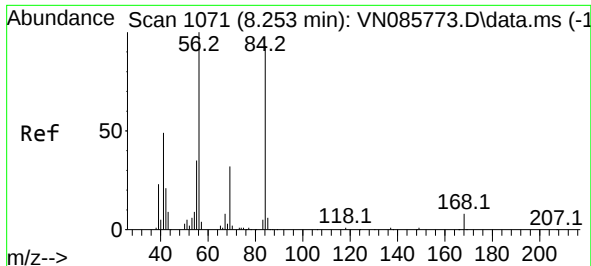
Delta R.T. 0.006 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

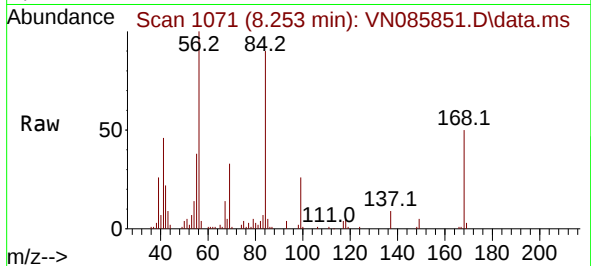
Tgt Ion: 83 Resp: 120103
 Ion Ratio Lower Upper
 83 100
 85 68.4 50.9 76.3





#31
Cyclohexane
Concen: 16.772 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

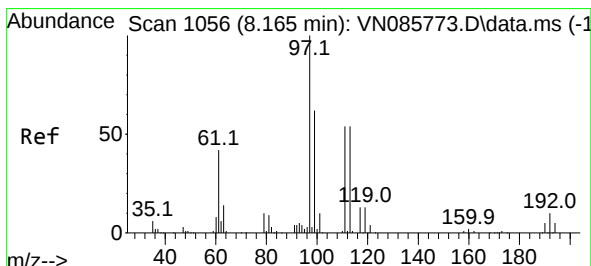
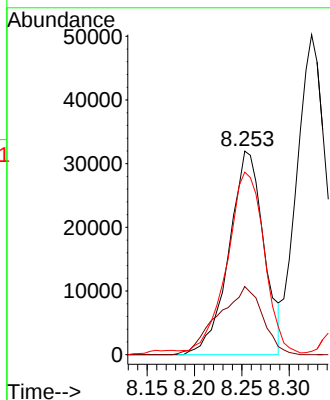
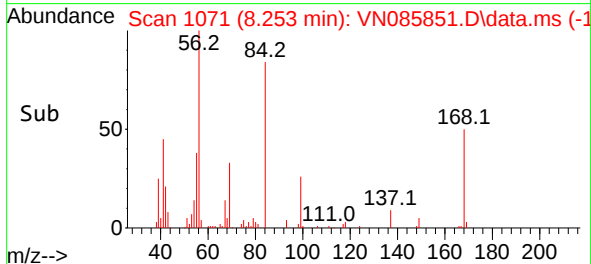
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



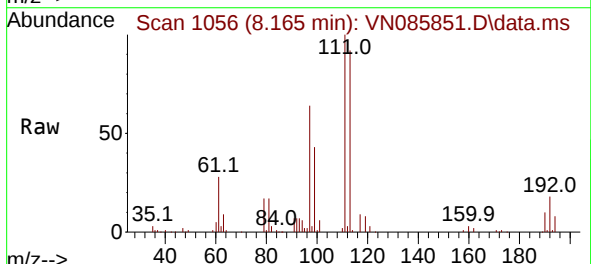
Tgt Ion: 56 Resp: 81654
Ion Ratio Lower Upper
56 100
69 32.9 25.8 38.6
84 87.8 74.5 111.7

Manual Integrations
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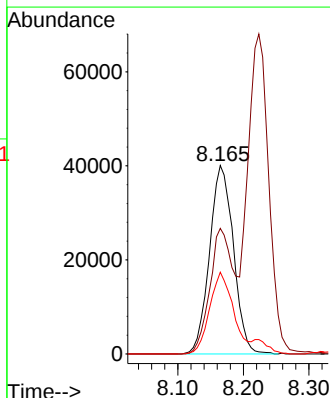
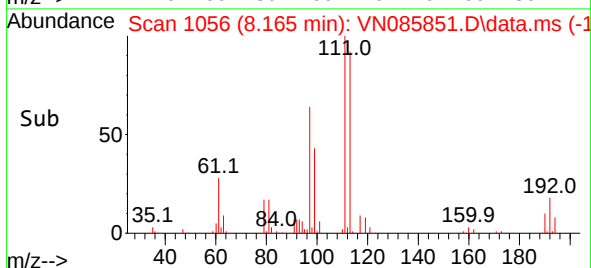
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#32
1,1,1-Trichloroethane
Concen: 18.749 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48



Tgt Ion: 97 Resp: 101332
Ion Ratio Lower Upper
97 100
99 68.5 50.4 75.6
61 43.6 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 50.633 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

Tgt Ion: 65 Resp: 17258

Ion Ratio Lower Upper

65 100

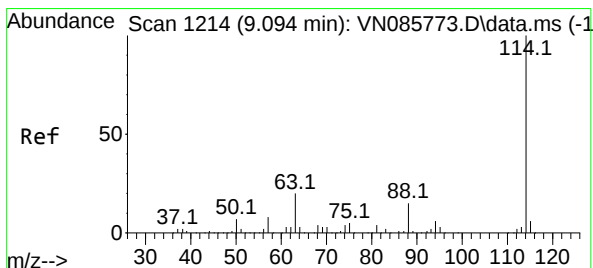
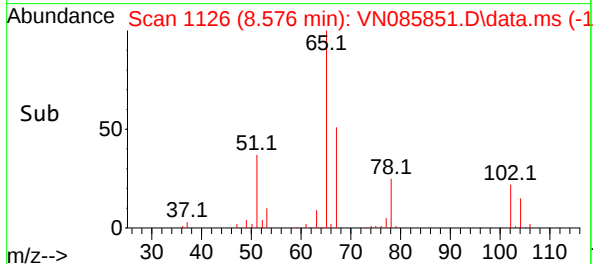
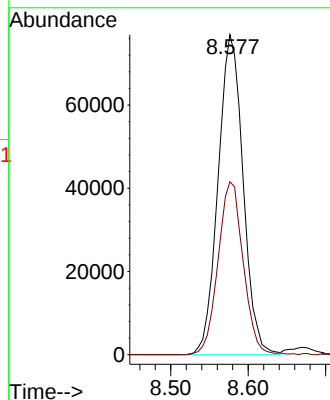
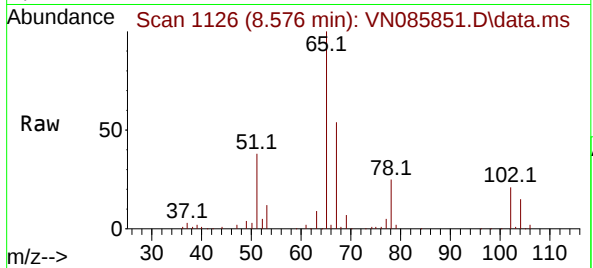
67 54.3 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

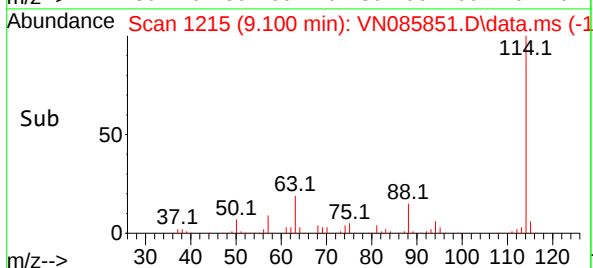
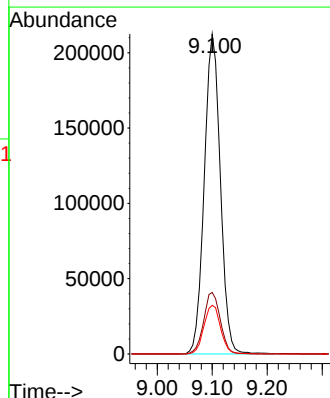
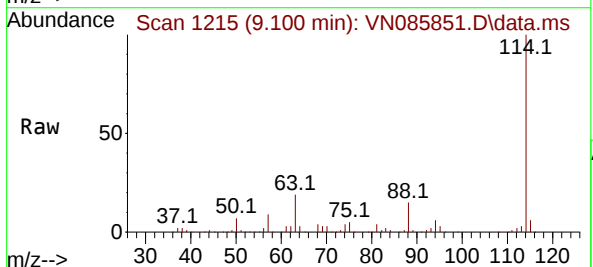
Tgt Ion:114 Resp: 431928

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 50.741 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

Tgt Ion: 113 Resp: 14341

Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

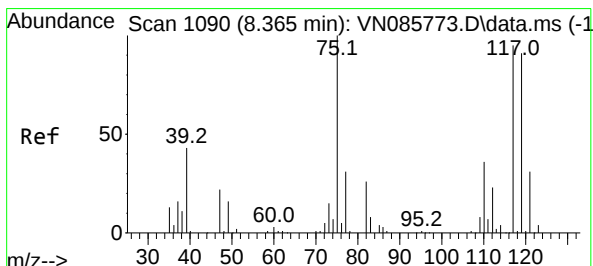
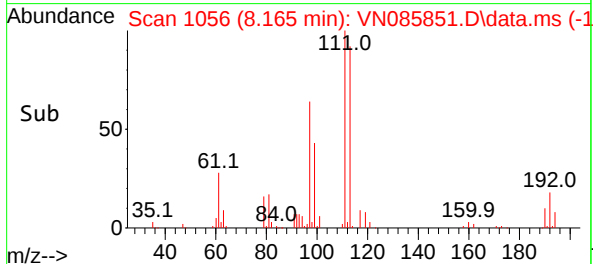
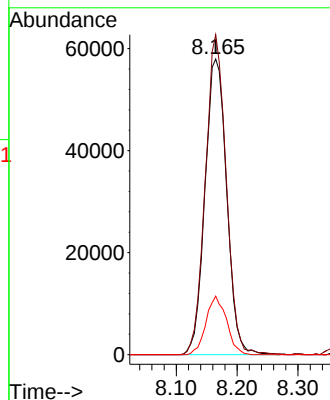
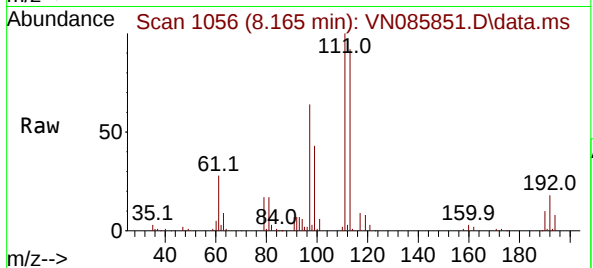
192 18.8 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#36

1,1-Dichloropropene

Concen: 18.686 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

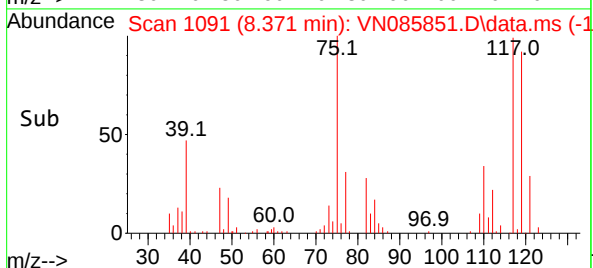
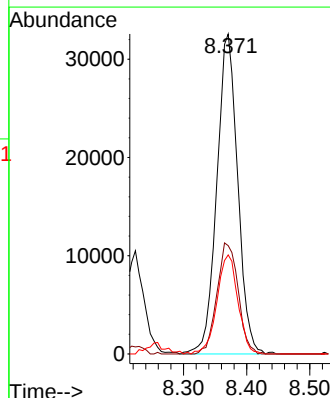
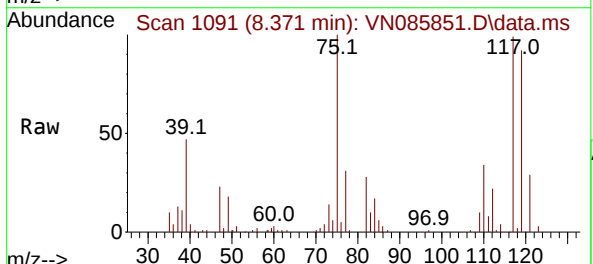
Tgt Ion: 75 Resp: 74745

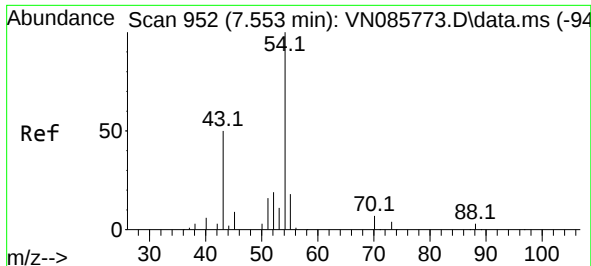
Ion Ratio Lower Upper

75 100

110 35.2 17.3 52.0

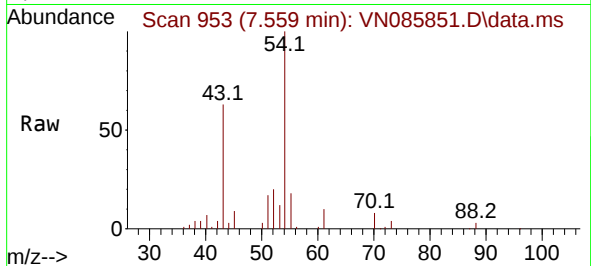
77 31.1 24.6 37.0





#37
Ethyl Acetate
Concen: 23.560 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

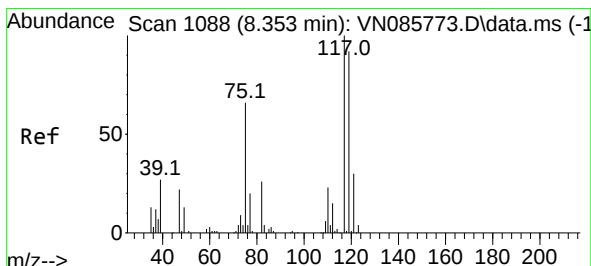
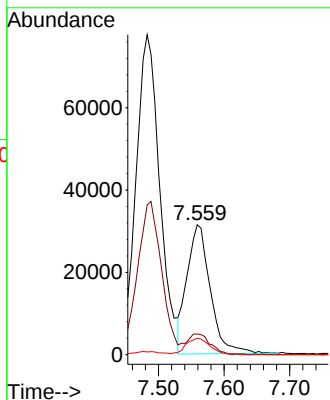
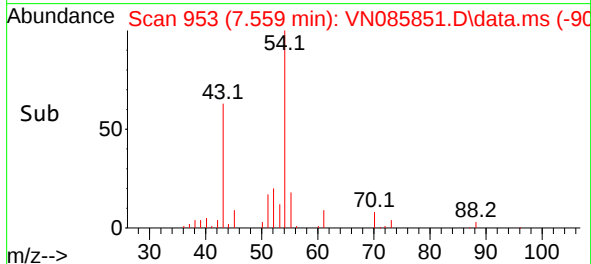
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



Tgt Ion: 43 Resp: 77550
Ion Ratio Lower Upper
43 100
61 14.6 12.2 18.2
70 13.1 9.5 14.3

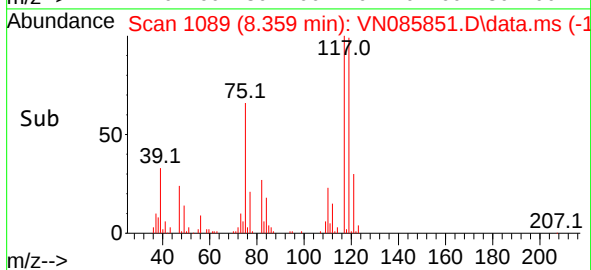
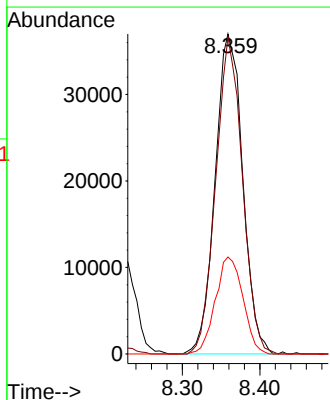
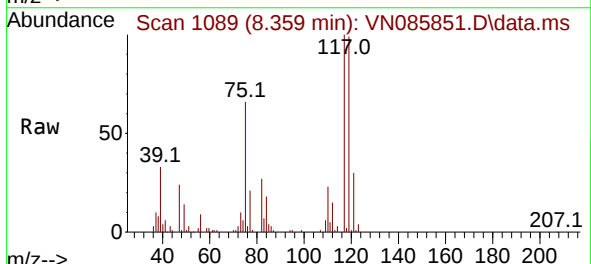
Manual Integrations
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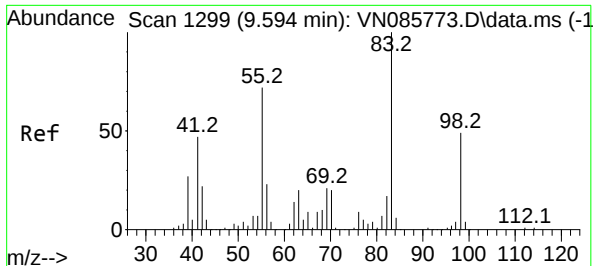
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#38
Carbon Tetrachloride
Concen: 19.279 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion:117 Resp: 91629
Ion Ratio Lower Upper
117 100
119 99.0 73.8 110.6
121 30.3 24.3 36.5





#39

Methylcyclohexane

Concen: 17.032 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

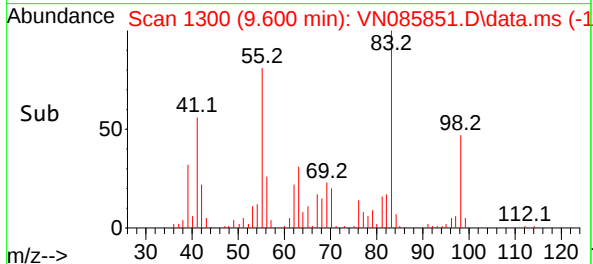
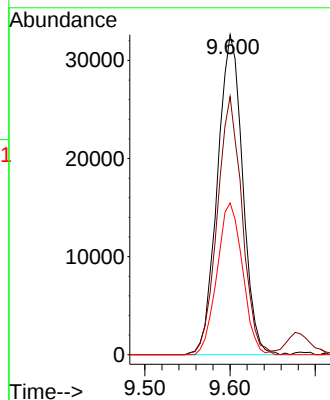
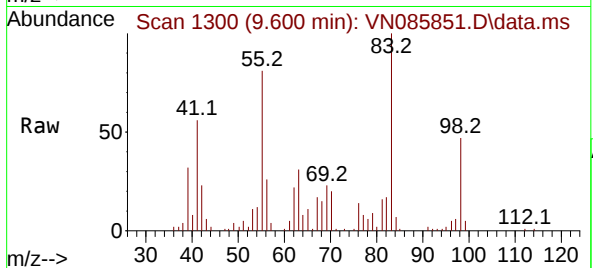
Tgt Ion: 83 Resp: 66928
 Ion Ratio Lower Upper
 83 100
 55 80.7 57.5 86.3
 98 47.4 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#40

Benzene

Concen: 19.725 ug/l

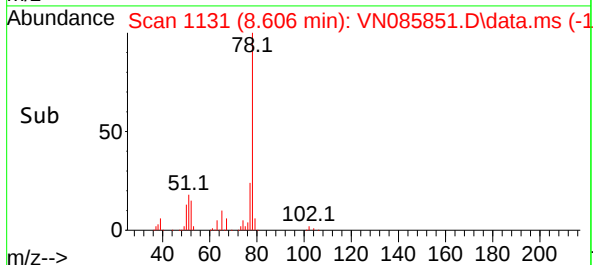
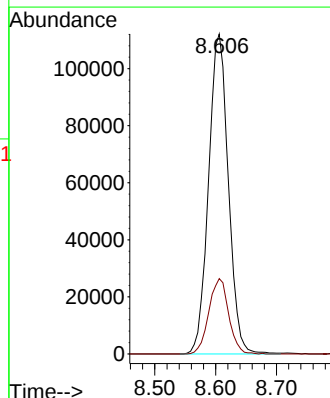
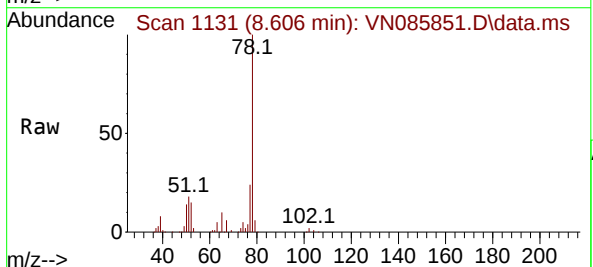
RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

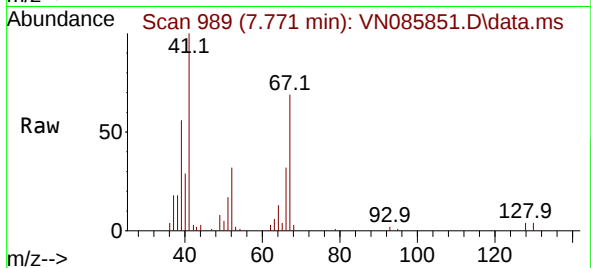
Tgt Ion: 78 Resp: 252877
 Ion Ratio Lower Upper
 78 100
 77 23.6 18.3 27.5





#41
Methacrylonitrile
Concen: 21.914 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

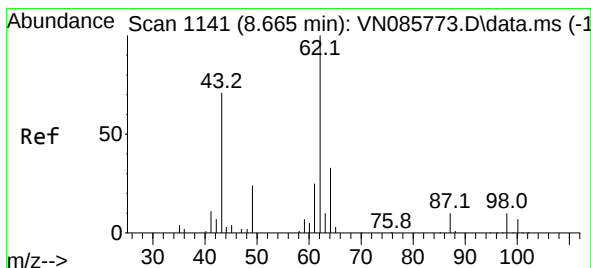
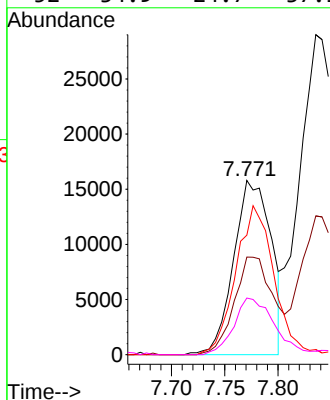
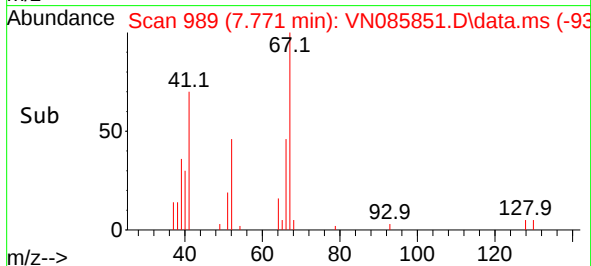
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



Tgt Ion: 41 Resp: 38562
Ion Ratio Lower Upper
41 100
39 58.3 42.0 63.0
67 87.6 64.2 96.4
52 34.9 24.7 37.1

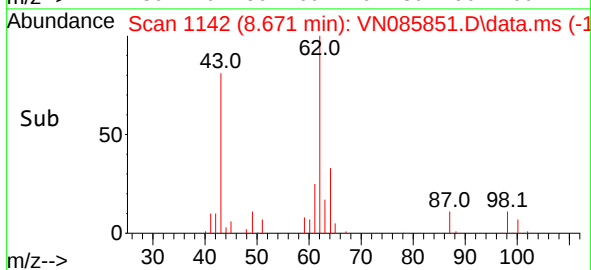
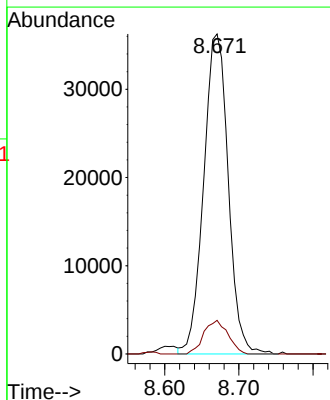
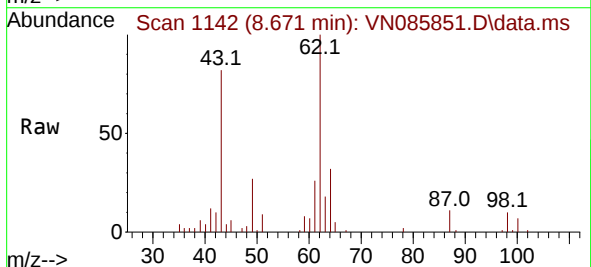
Manual Integrations
APPROVED

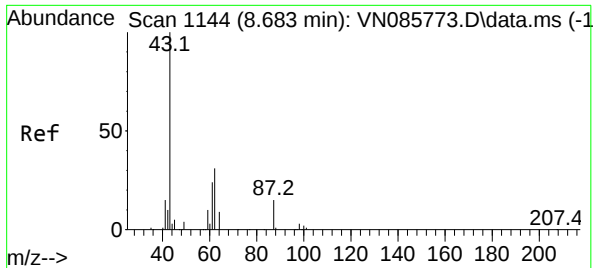
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#42
1,2-Dichloroethane
Concen: 20.008 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

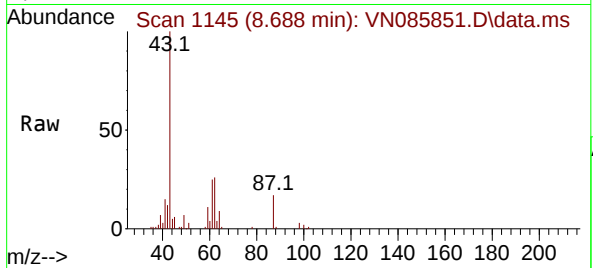
Tgt Ion: 62 Resp: 83550
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.6





#43
Isopropyl Acetate
Concen: 22.172 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

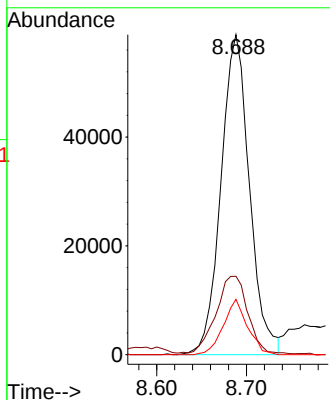
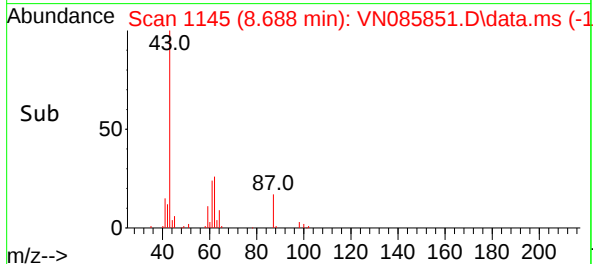
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



Tgt Ion: 43 Resp: 12984
Ion Ratio Lower Upper
43 100
61 27.2 22.6 34.0
87 14.7 11.8 17.8

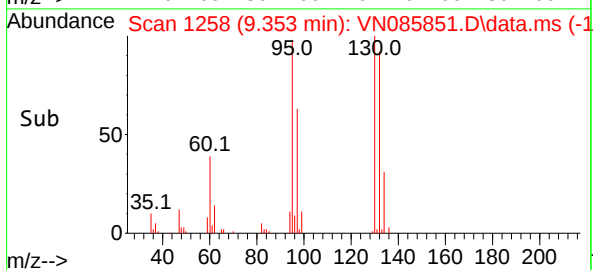
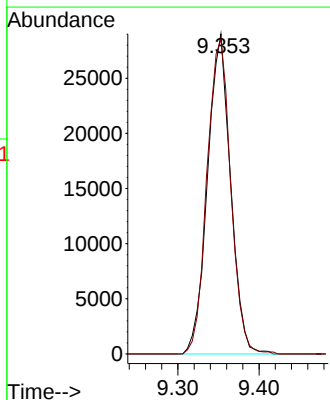
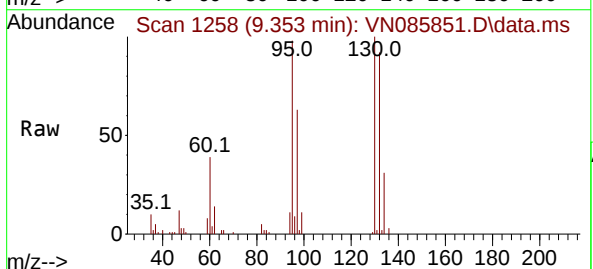
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#44
Trichloroethene
Concen: 18.167 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion:130 Resp: 57185
Ion Ratio Lower Upper
130 100
95 98.3 0.0 202.6





#45

1,2-Dichloropropane

Concen: 20.798 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

Tgt Ion: 63 Resp: 64360

Ion Ratio Lower Upper

63 100

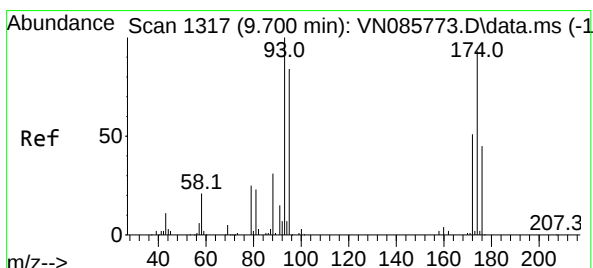
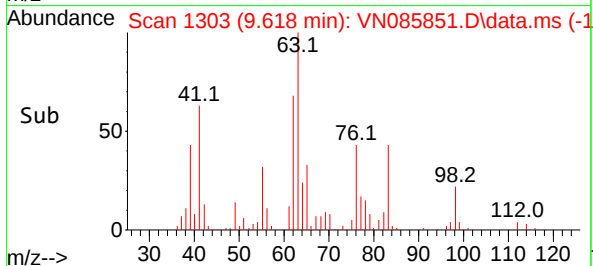
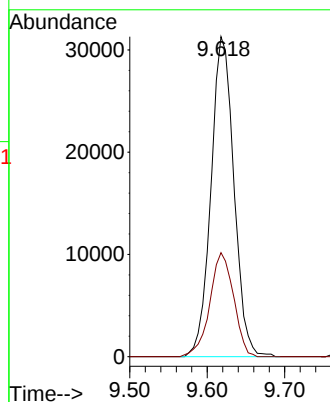
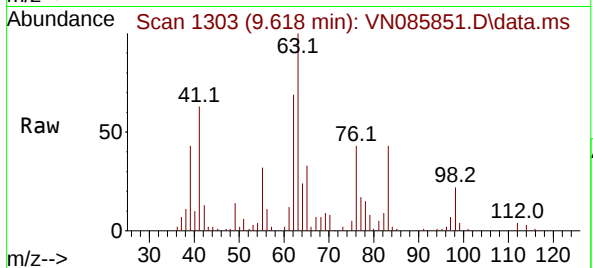
65 32.5 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#46

Dibromomethane

Concen: 21.144 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

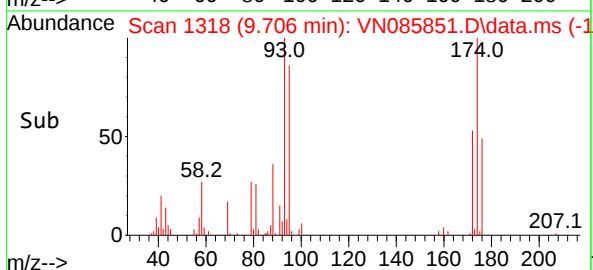
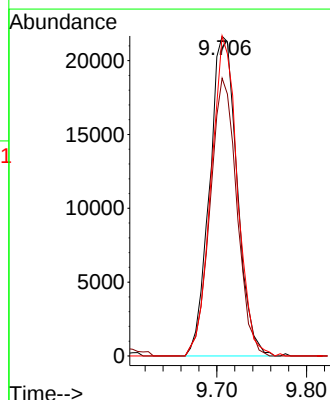
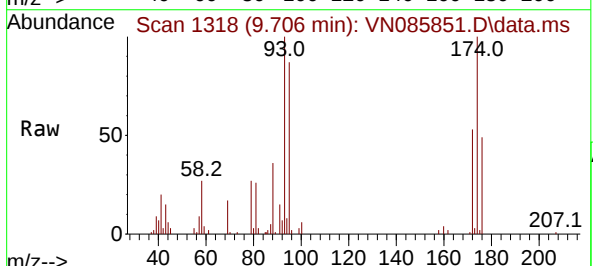
Tgt Ion: 93 Resp: 46153

Ion Ratio Lower Upper

93 100

95 83.9 66.7 100.1

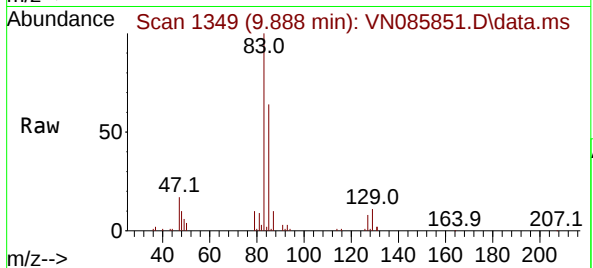
174 95.5 77.2 115.8





#47
Bromodichloromethane
Concen: 20.398 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

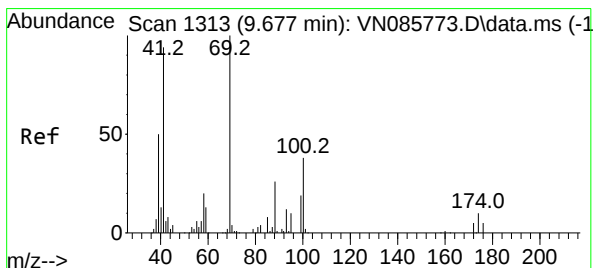
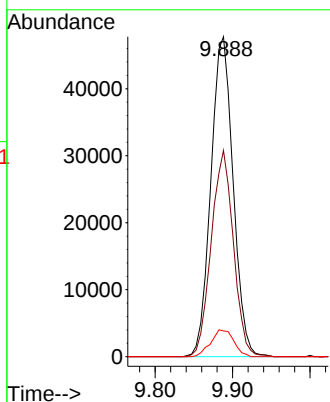
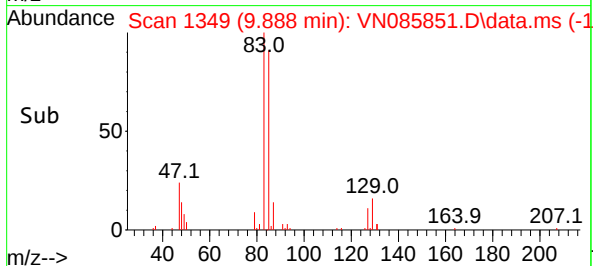
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



Tgt Ion: 83 Resp: 9525
Ion Ratio Lower Upper
83 100
85 64.4 50.5 75.7
127 8.1 7.2 10.8

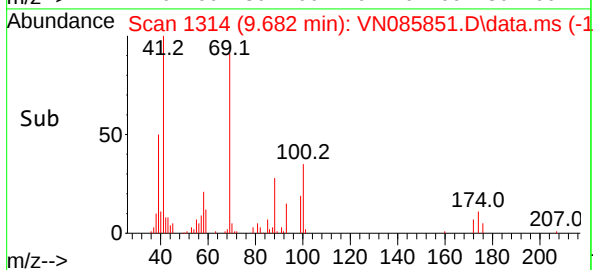
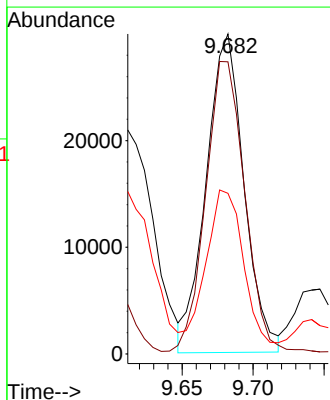
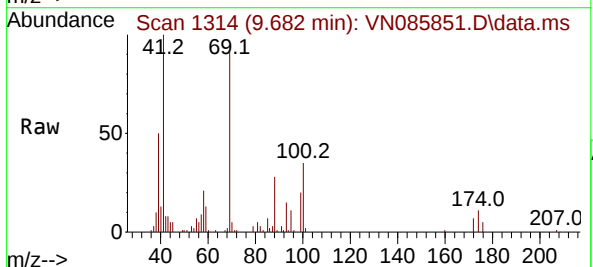
Manual Integrations
APPROVED

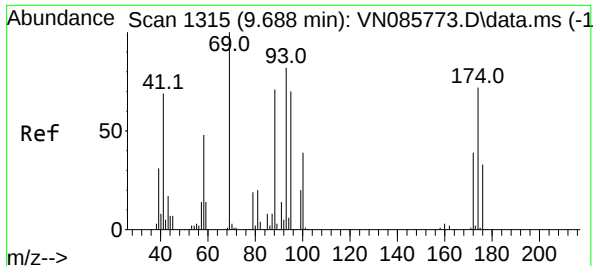
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#48
Methyl methacrylate
Concen: 22.653 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion: 41 Resp: 55380
Ion Ratio Lower Upper
41 100
69 96.3 76.0 114.0
39 53.5 42.3 63.5





#49

1,4-Dioxane

Concen: 542.780 ug/l

RT: 9.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

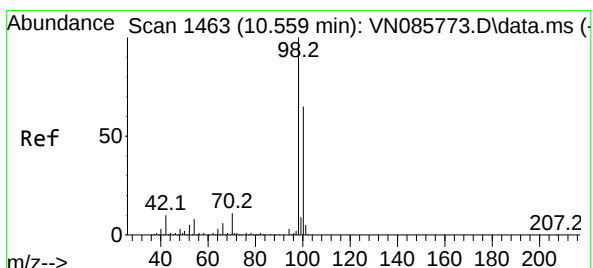
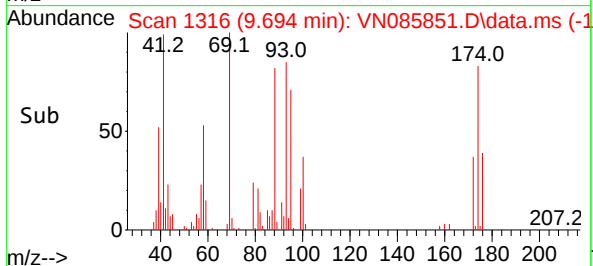
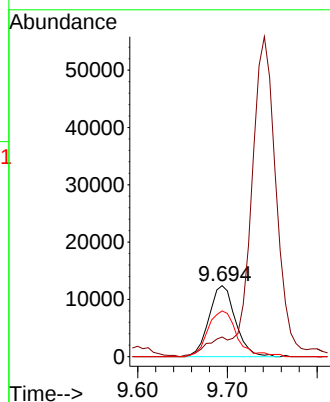
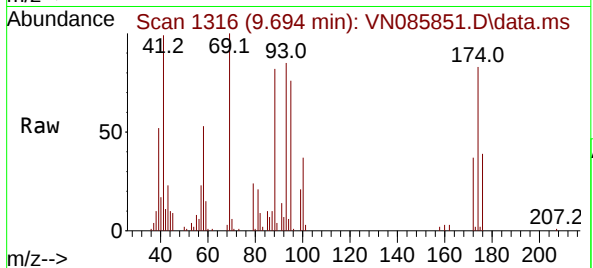
Tgt Ion: 88 Resp: 2523
 Ion Ratio Lower Upper
 88 100
 43 23.3 18.6 27.8
 58 71.4 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#50

Toluene-d8

Concen: 51.042 ug/l

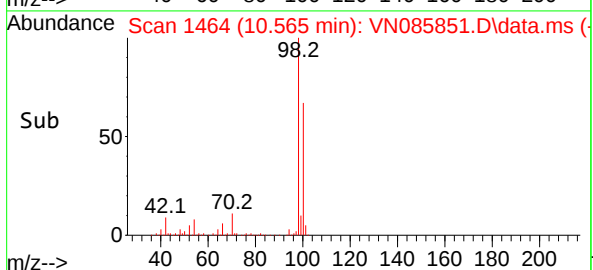
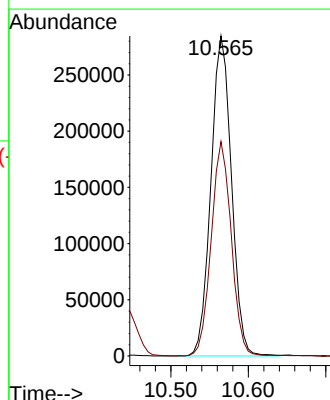
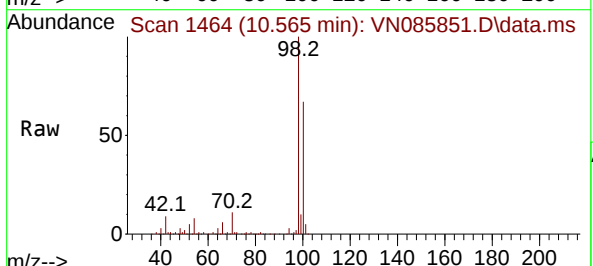
RT: 10.565 min Scan# 1464

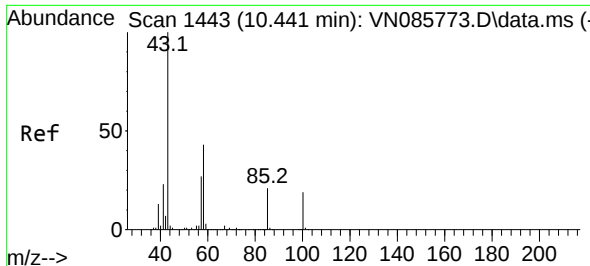
Delta R.T. 0.006 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

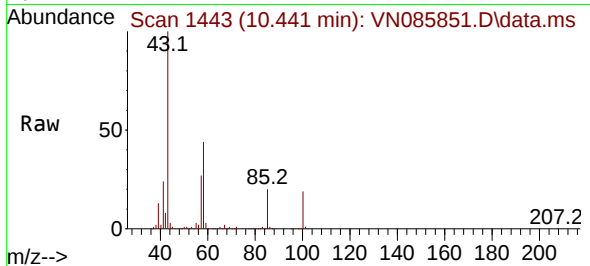
Tgt Ion: 98 Resp: 524864
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 128.503 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

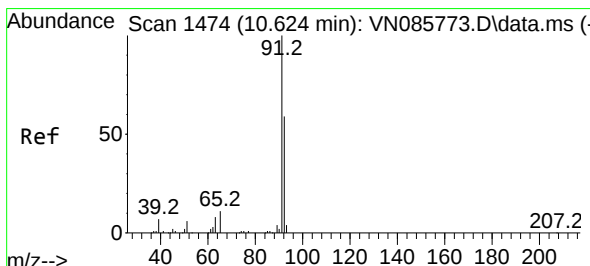
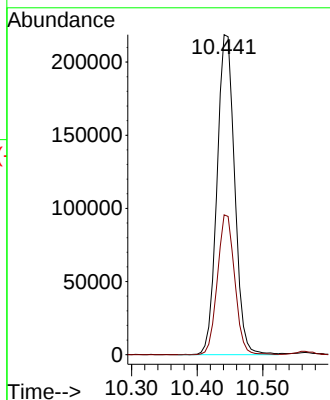
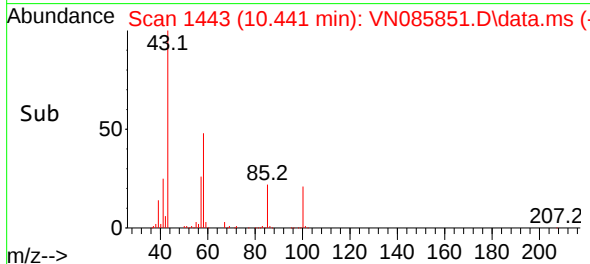
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



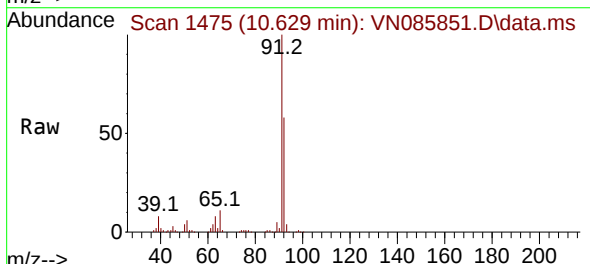
Tgt Ion: 43 Resp: 407832
Ion Ratio Lower Upper
43 100
58 42.8 34.6 52.0

Manual Integrations
APPROVED

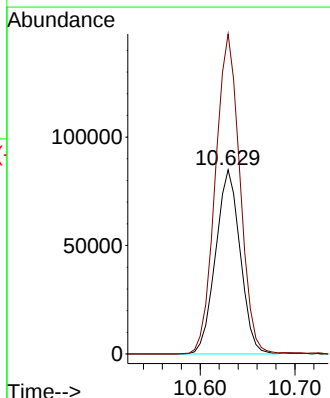
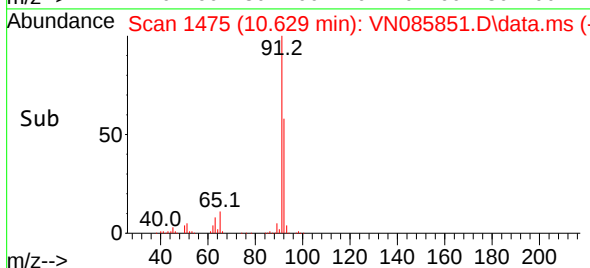
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#52
Toluene
Concen: 20.374 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48



Tgt Ion: 92 Resp: 153110
Ion Ratio Lower Upper
92 100
91 174.2 136.9 205.3





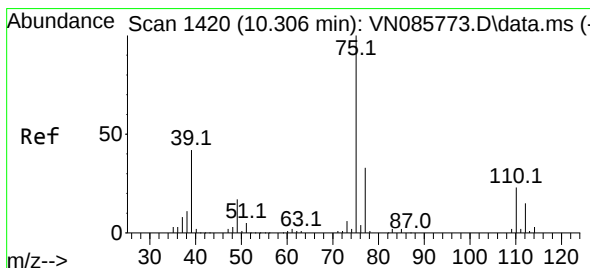
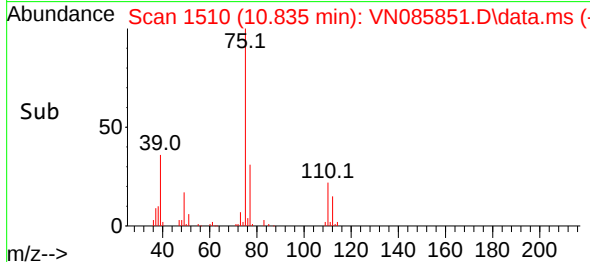
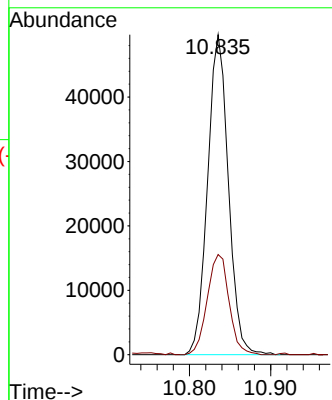
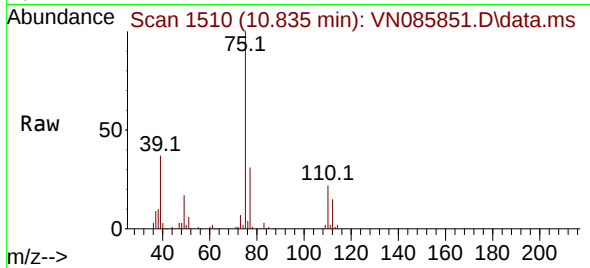
#53
t-1,3-Dichloropropene
Concen: 20.433 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion: 75 Resp: 8823
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

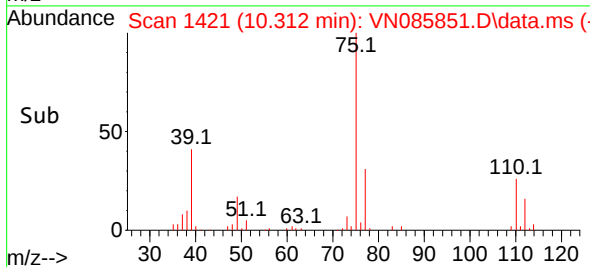
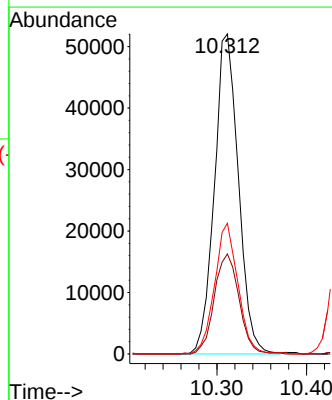
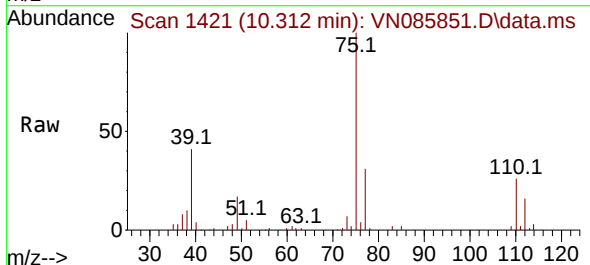
Manual Integrations
APPROVED

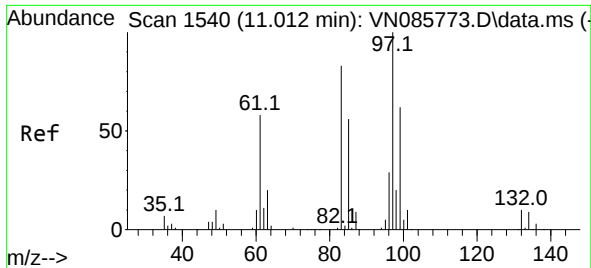
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#54
cis-1,3-Dichloropropene
Concen: 20.368 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

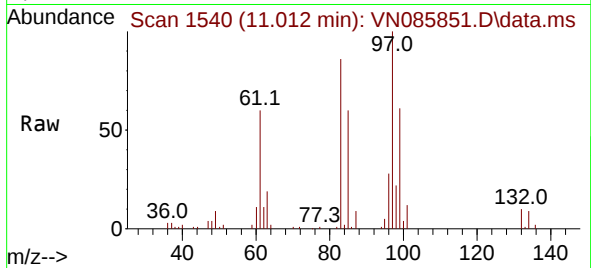
Tgt Ion: 75 Resp: 96448
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
39 40.9 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 21.522 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

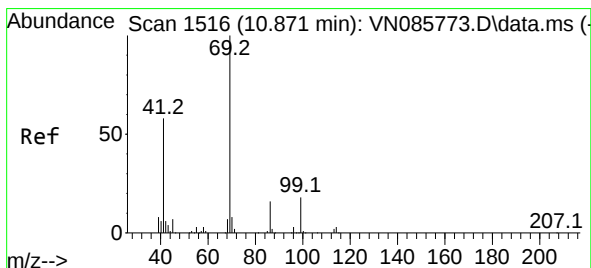
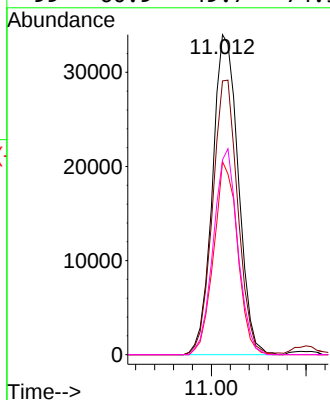
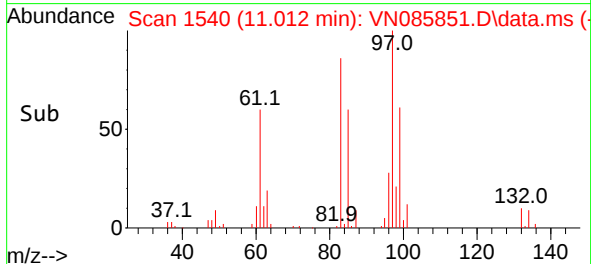
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



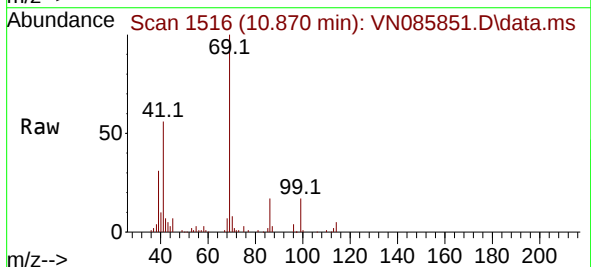
Tgt Ion:	97	Resp:	64308
Ion Ratio	100	Lower	Upper
97	100		
83	85.5	66.1	99.1
85	60.4	44.7	67.1
99	60.9	49.7	74.5

Manual Integrations
APPROVED

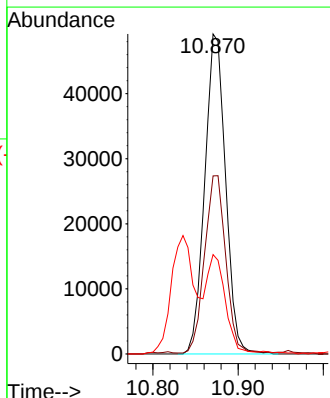
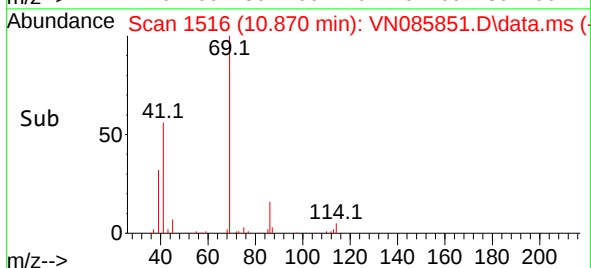
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

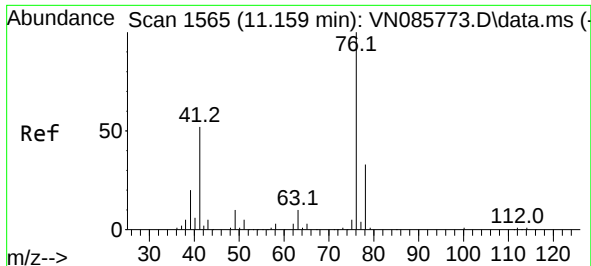


#56
Ethyl methacrylate
Concen: 21.079 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.001 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48



Tgt Ion:	69	Resp:	83512
Ion Ratio	100	Lower	Upper
69	100		
41	56.2	46.0	69.0
39	25.9	22.0	33.0





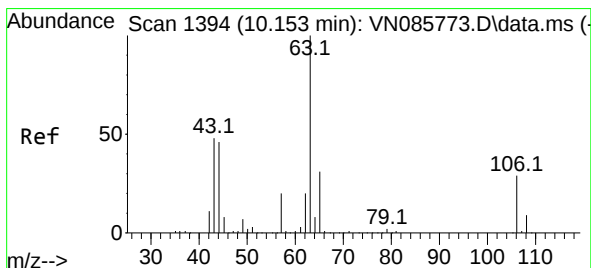
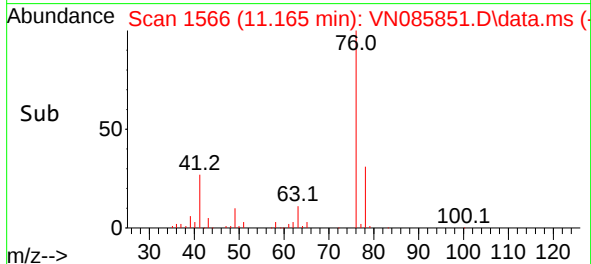
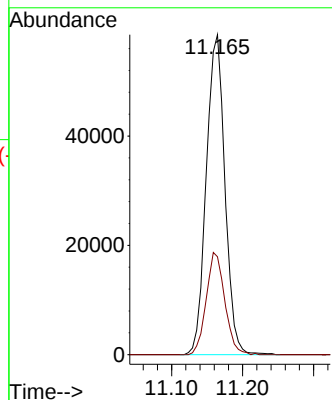
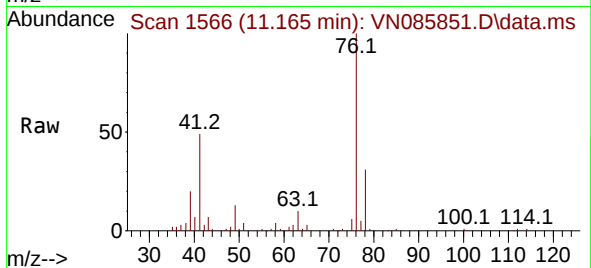
#57
1,3-Dichloropropane
Concen: 21.445 ug/l
RT: 11.165 min Scan# 11166
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion: 76 Resp: 10696
Ion Ratio Lower Upper
76 100
78 31.8 25.9 38.9

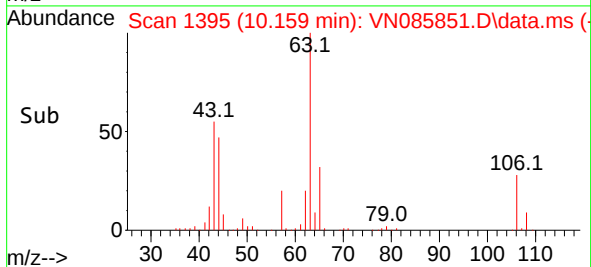
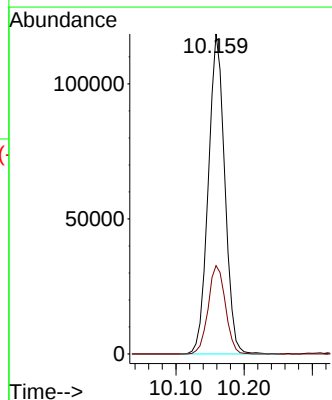
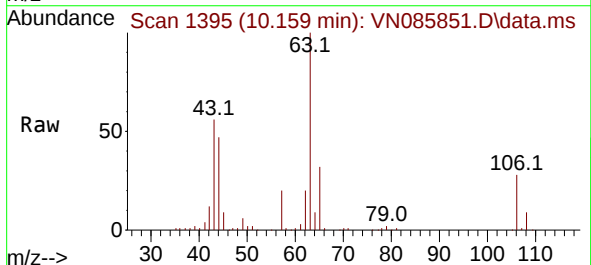
Manual Integrations
APPROVED

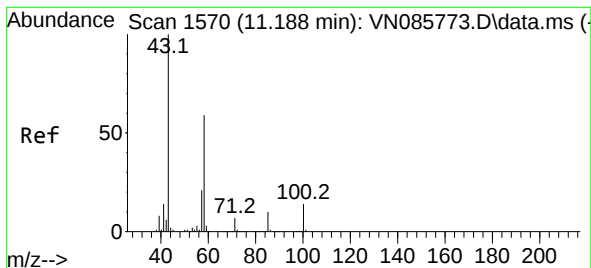
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#58
2-Chloroethyl Vinyl ether
Concen: 136.678 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion: 63 Resp: 199086
Ion Ratio Lower Upper
63 100
106 28.8 22.7 34.1





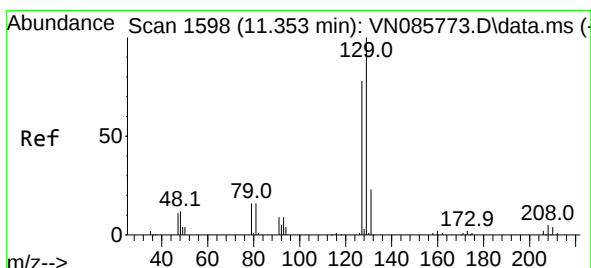
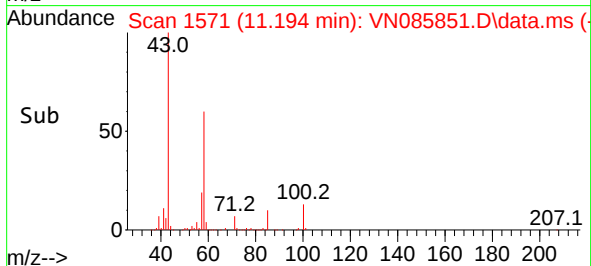
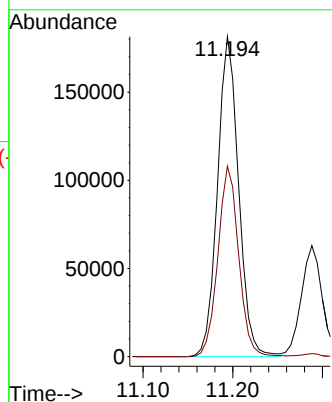
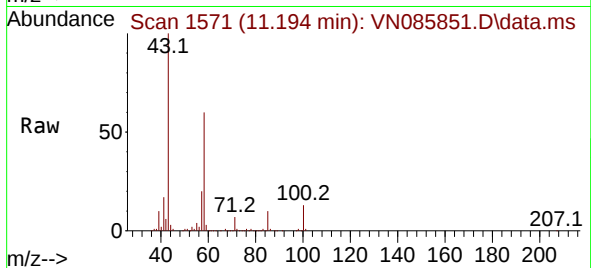
#59
2-Hexanone
Concen: 135.790 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion: 43 Resp: 29647
Ion Ratio Lower Upper
43 100
58 58.6 29.8 89.5

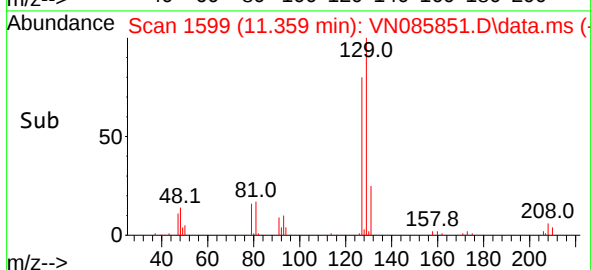
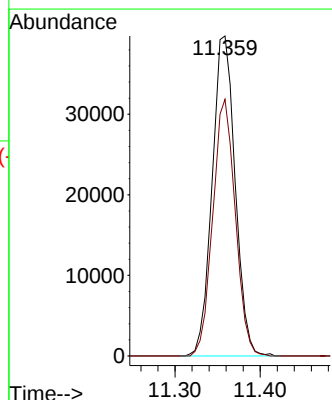
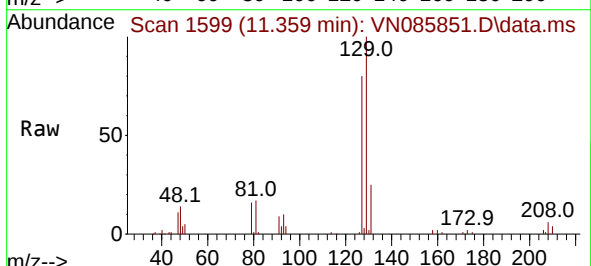
Manual Integrations
APPROVED

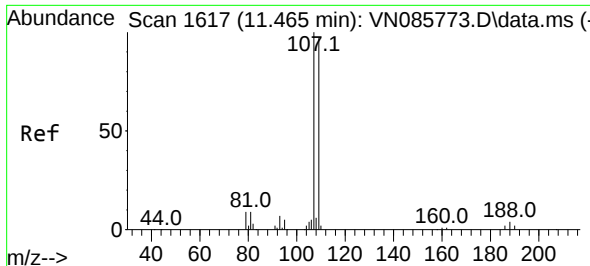
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#60
Dibromochloromethane
Concen: 21.437 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

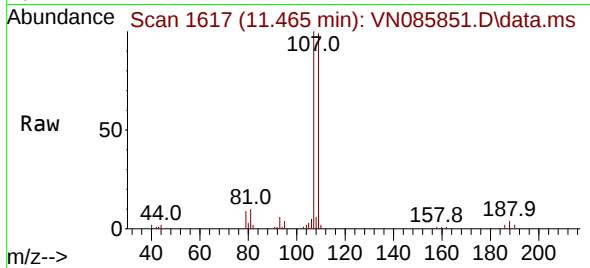
Tgt Ion:129 Resp: 74584
Ion Ratio Lower Upper
129 100
127 78.4 39.1 117.5





#61
1,2-Dibromoethane
Concen: 22.062 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

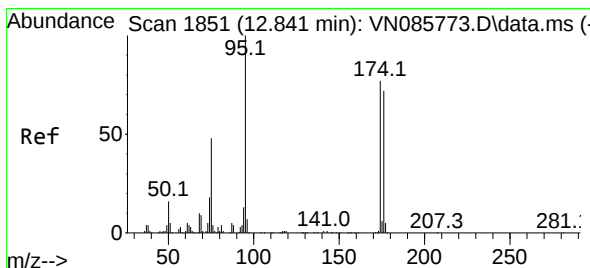
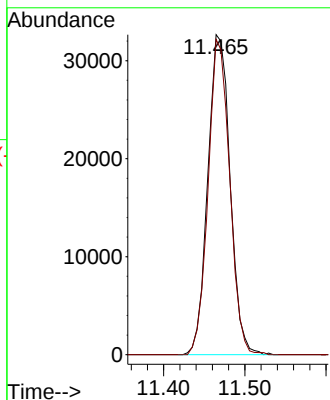
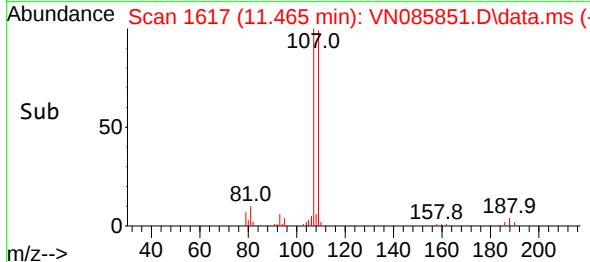
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



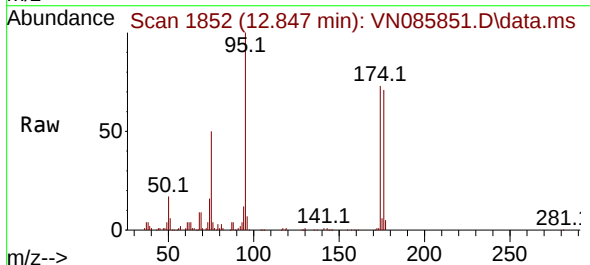
Tgt Ion:107 Resp: 62284
Ion Ratio Lower Upper
107 100
109 95.1 76.0 114.0

Manual Integrations
APPROVED

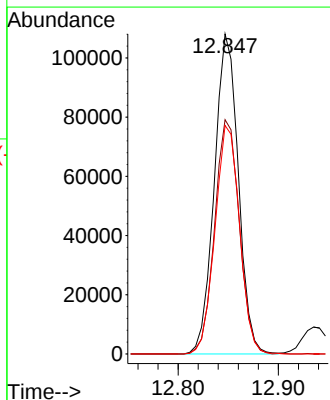
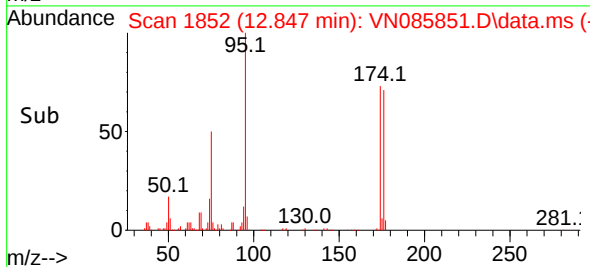
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025

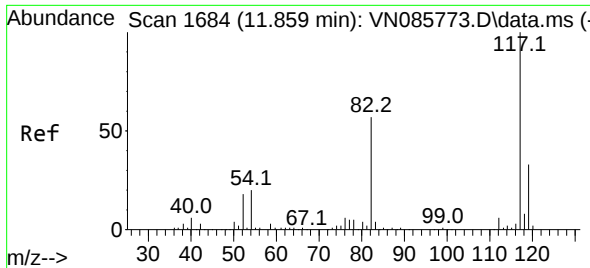


#62
4-Bromofluorobenzene
Concen: 52.945 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48



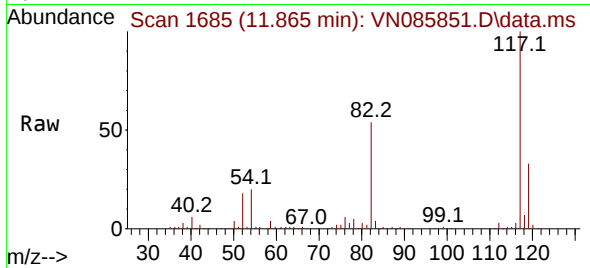
Tgt Ion: 95 Resp: 179379
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.4
176 73.2 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

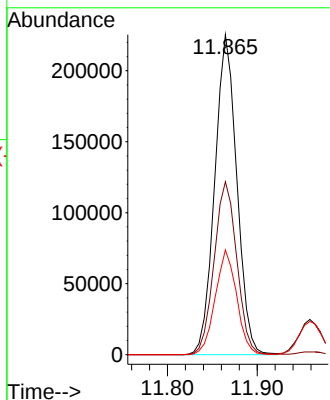
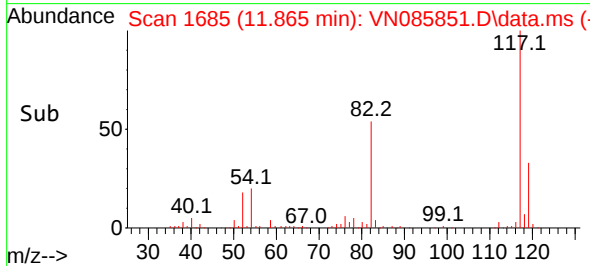
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



Tgt Ion:117 Resp: 38595
Ion Ratio Lower Upper
117 100
82 54.1 45.7 68.5
119 32.8 26.2 39.2

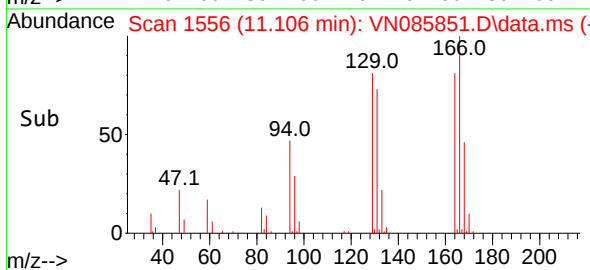
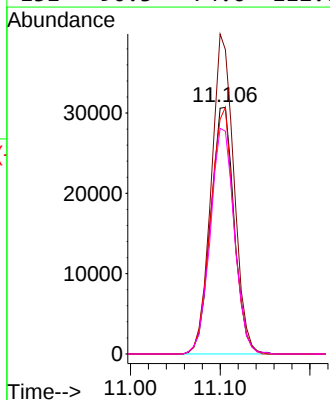
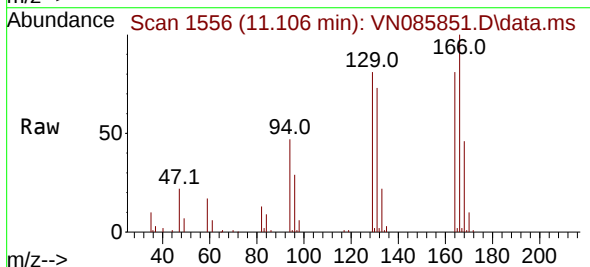
Manual Integrations
APPROVED

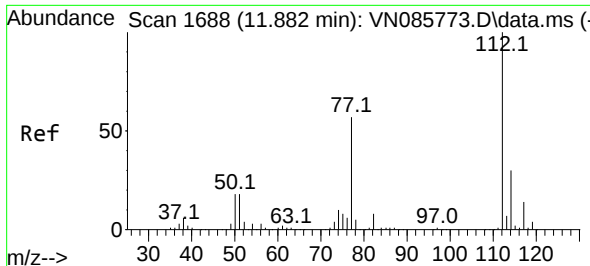
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#64
Tetrachloroethene
Concen: 18.664 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

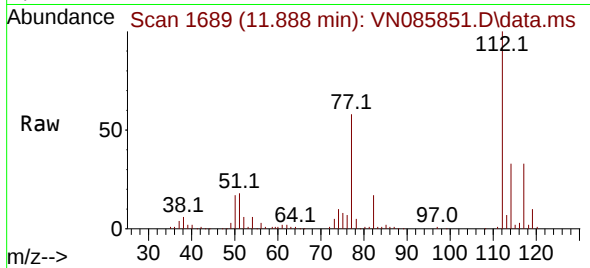
Tgt Ion:164 Resp: 55806
Ion Ratio Lower Upper
164 100
166 123.4 107.2 160.8
129 100.1 80.7 121.1
131 90.3 74.6 112.0





#65
Chlorobenzene
Concen: 19.519 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

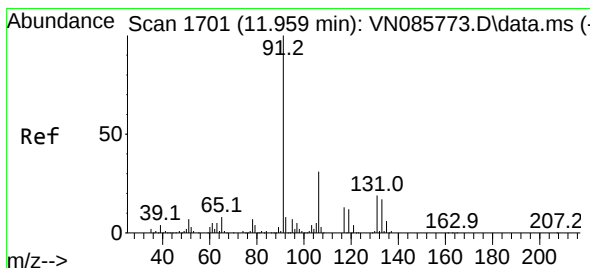
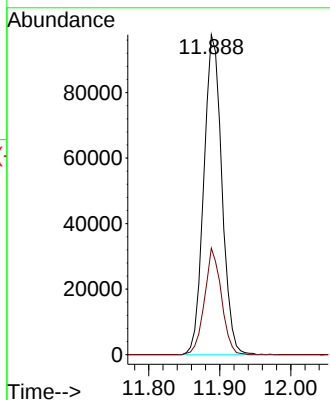
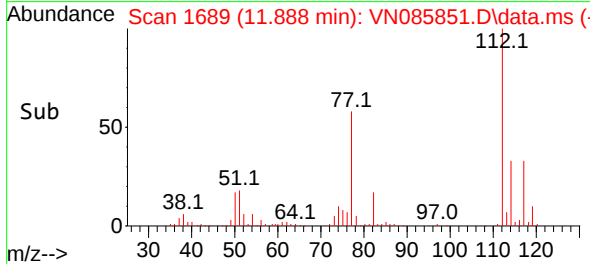
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



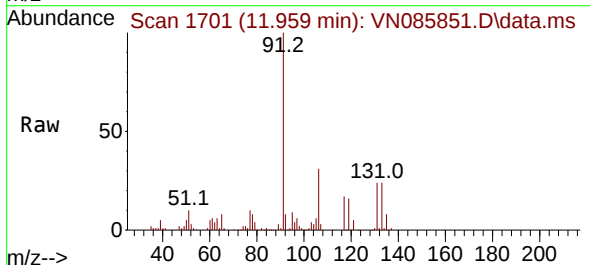
Tgt Ion:112 Resp: 172578
Ion Ratio Lower Upper
112 100
114 33.3 24.3 36.5

Manual Integrations
APPROVED

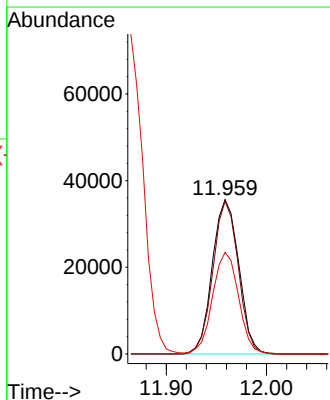
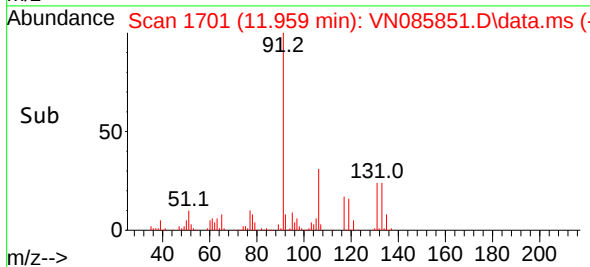
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.607 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48



Tgt Ion:131 Resp: 65489
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 64.6 33.3 99.8





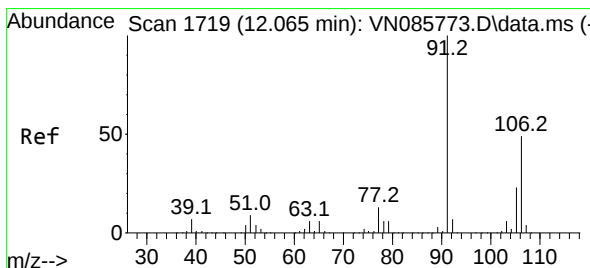
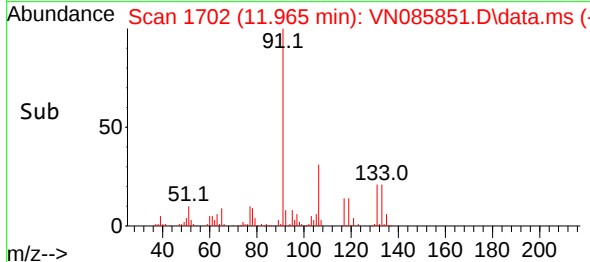
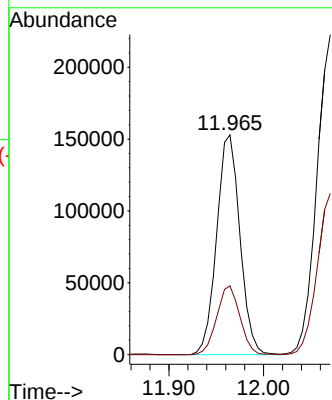
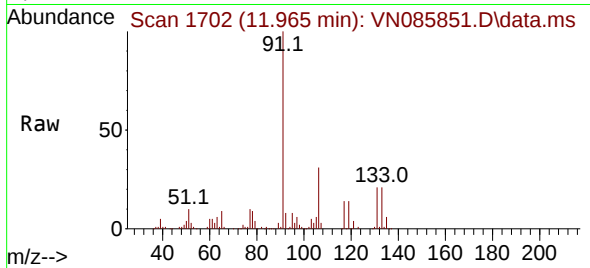
#67
Ethyl Benzene
Concen: 18.875 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion: 91 Resp: 261410
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1

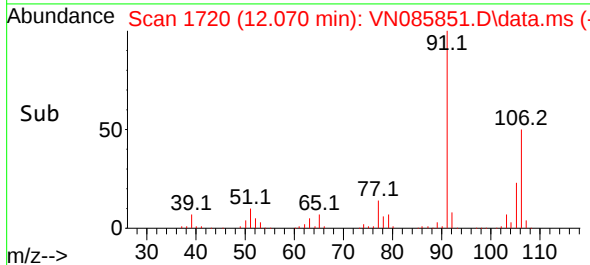
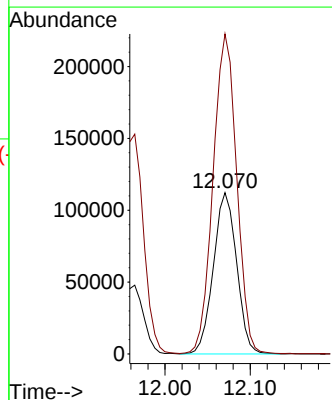
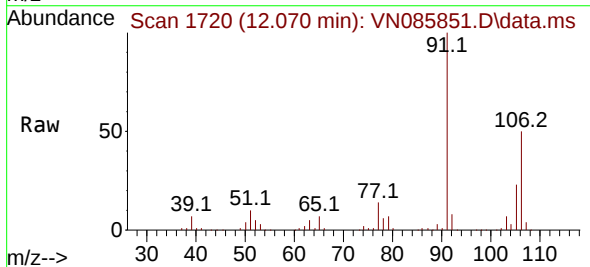
Manual Integrations
APPROVED

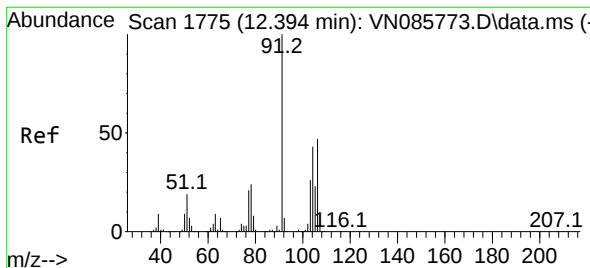
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#68
m/p-Xylenes
Concen: 40.439 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion:106 Resp: 212743
Ion Ratio Lower Upper
106 100
91 201.8 163.3 244.9





#69

o-Xylene

Concen: 19.211 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :

VN0225WBSD01

Tgt Ion:106 Resp: 96039

Ion Ratio Lower Upper

106 100

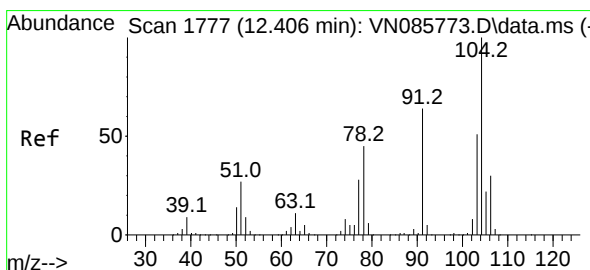
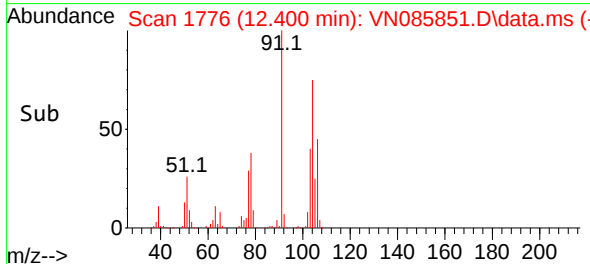
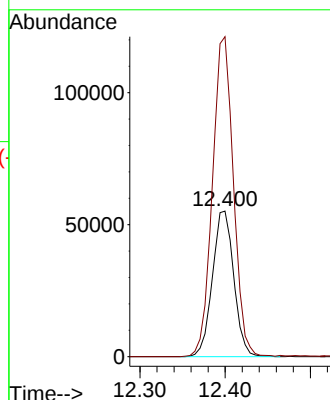
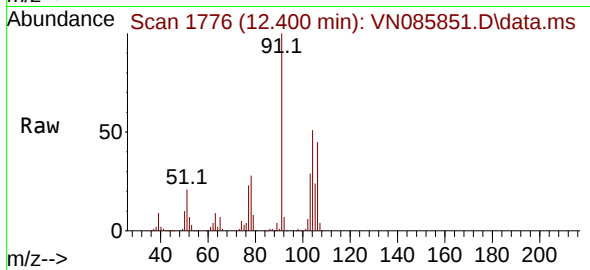
91 215.8 107.1 321.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/26/2025

Supervised By :Mahesh Dadoda 02/26/2025



#70

Styrene

Concen: 19.552 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN085851.D

Acq: 25 Feb 2025 12:48

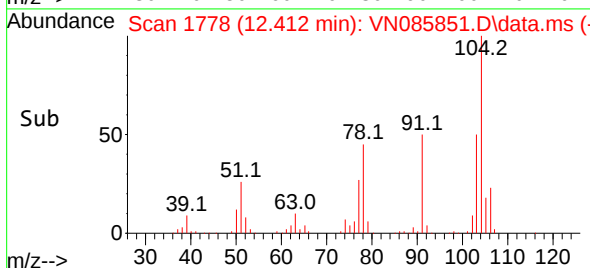
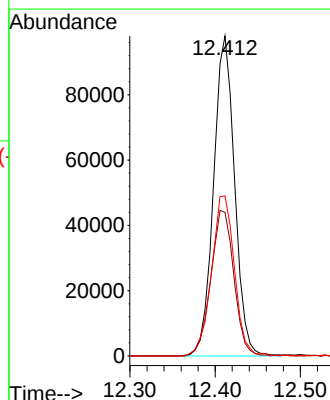
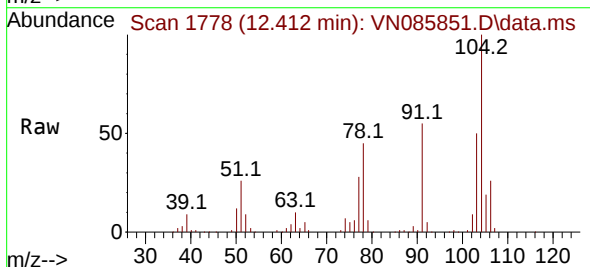
Tgt Ion:104 Resp: 168231

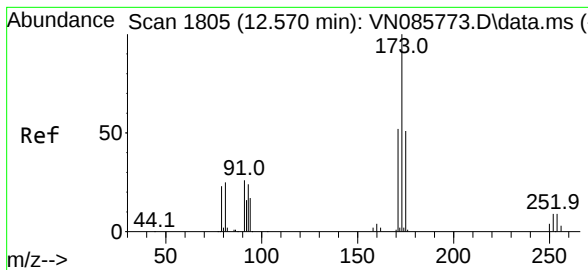
Ion Ratio Lower Upper

104 100

78 50.0 39.0 58.6

103 54.5 43.3 64.9





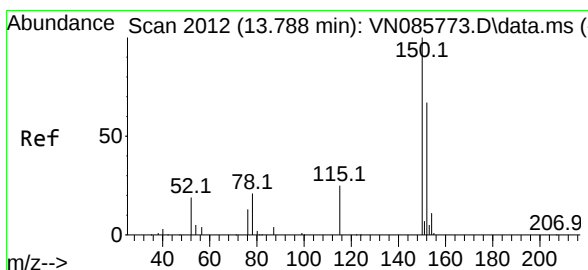
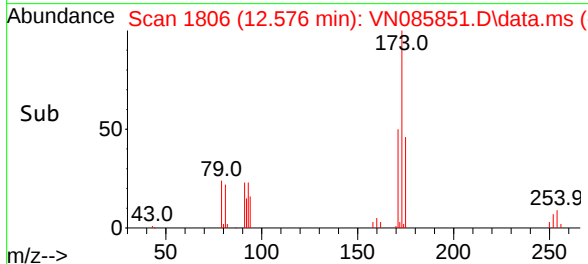
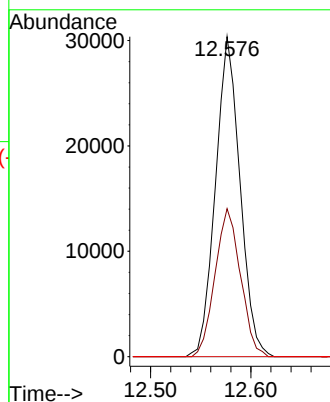
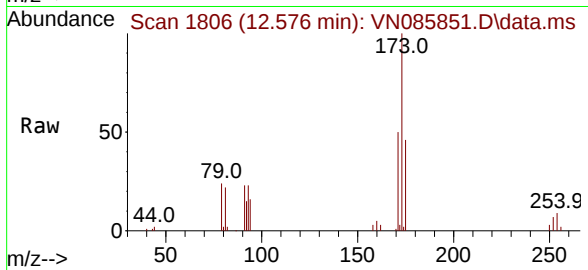
#71
Bromoform
Concen: 21.835 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion:173 Resp: 51562
Ion Ratio Lower Upper
173 100
175 47.9 25.1 75.4
254 0.0 0.0 0.0

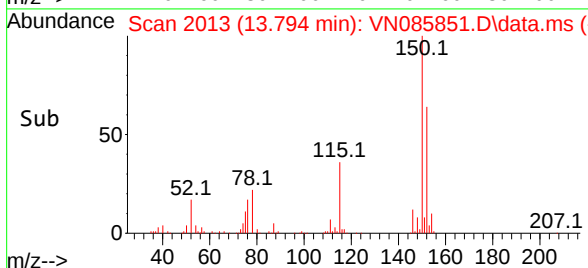
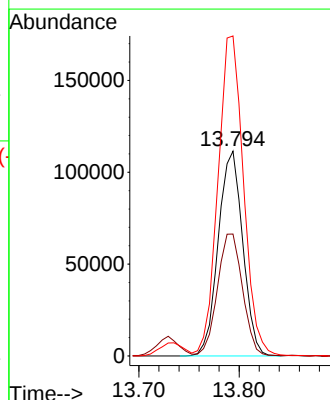
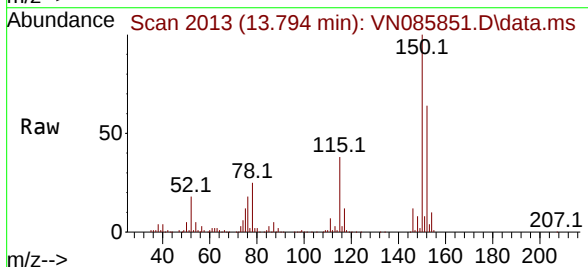
Manual Integrations
APPROVED

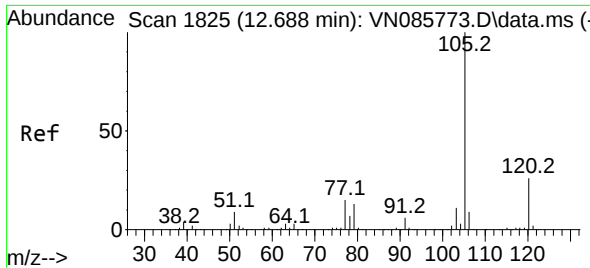
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion:152 Resp: 188876
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.3
150 163.4 0.0 345.4





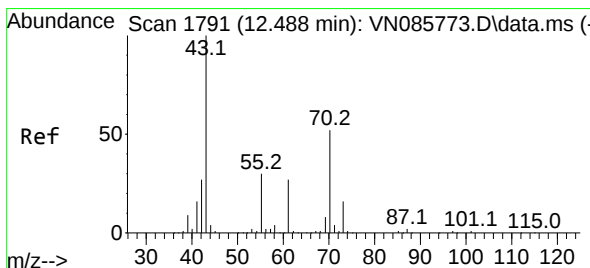
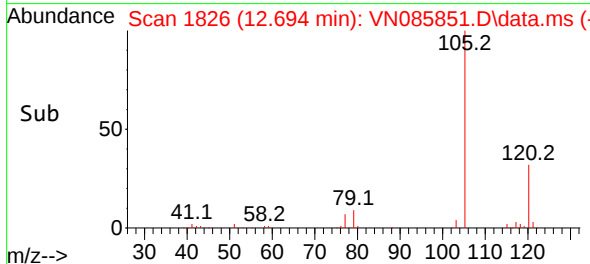
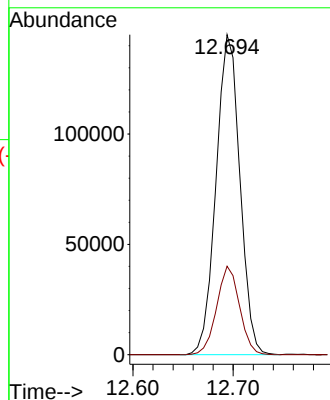
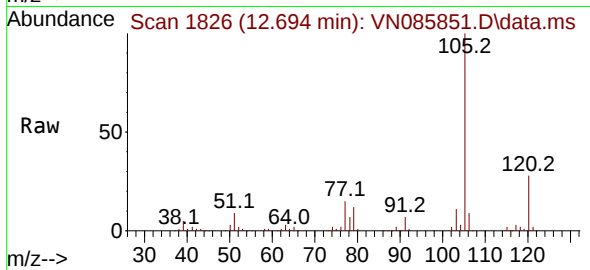
#73
Isopropylbenzene
Concen: 18.477 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion:105 Resp: 23908
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0

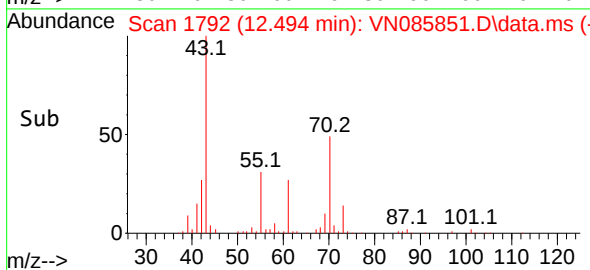
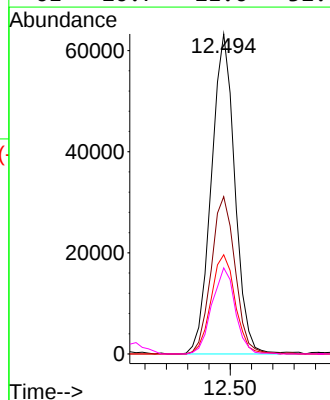
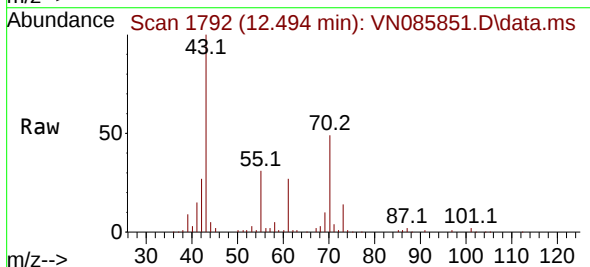
Manual Integrations
APPROVED

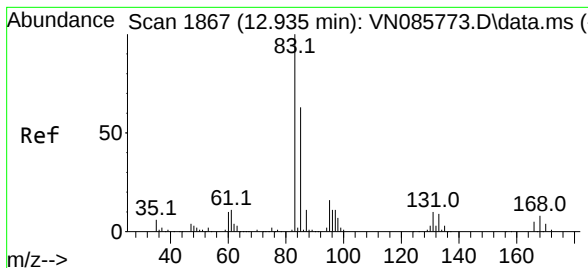
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#74
N-ethyl acetate
Concen: 21.177 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

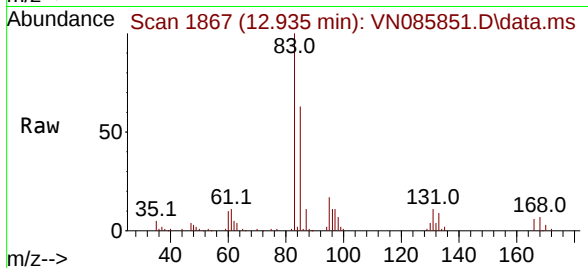
Tgt Ion: 43 Resp: 96632
Ion Ratio Lower Upper
43 100
70 50.2 41.0 61.4
55 32.0 24.6 36.8
61 26.7 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 21.490 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

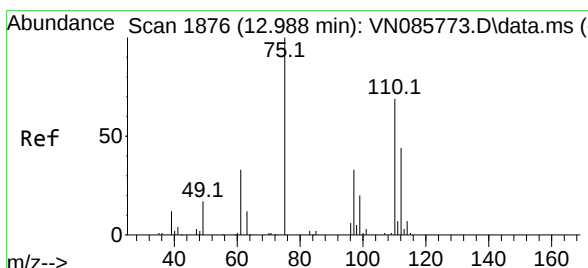
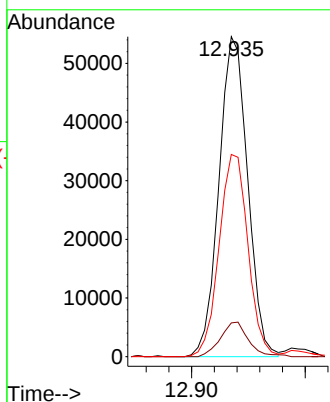
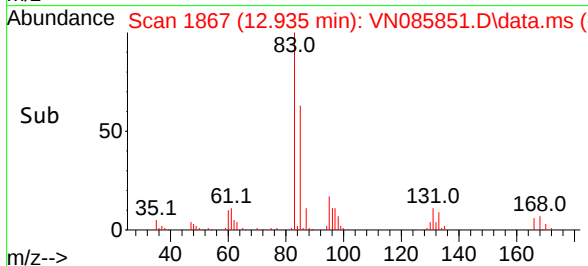
Instrument : MSVOA_N
ClientSampleId : VN0225WBSD01



Tgt Ion: 83 Resp: 95689
Ion Ratio Lower Upper
83 100
131 10.6 5.0 15.0
85 63.5 32.2 96.6

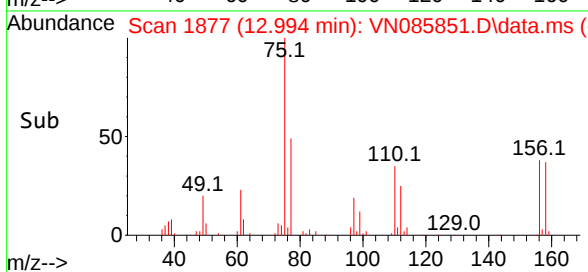
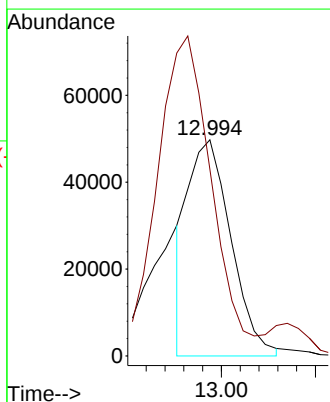
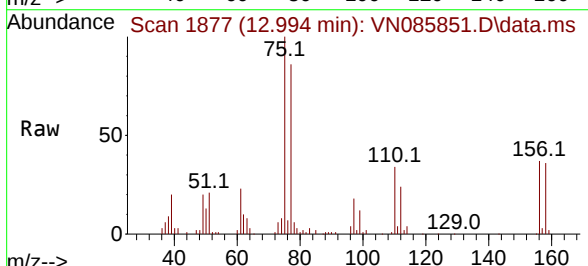
Manual Integrations
APPROVED

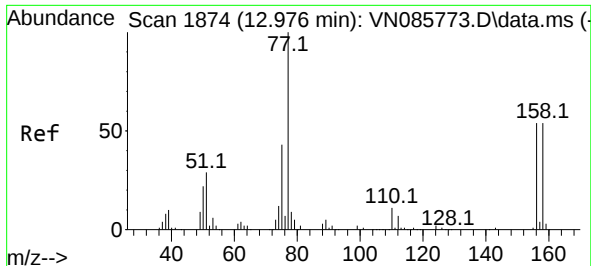
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#76
1,2,3-Trichloropropane
Concen: 18.880 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

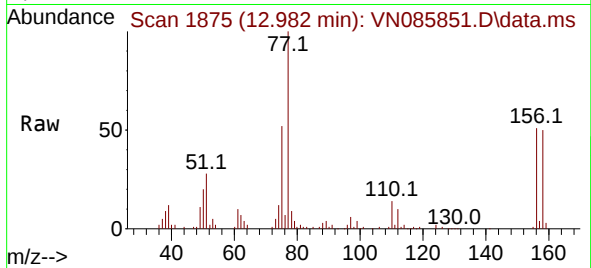
Tgt Ion: 75 Resp: 79212
Ion Ratio Lower Upper
75 100
77 186.8 100.0 300.0





#77
Bromobenzene
Concen: 19.355 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

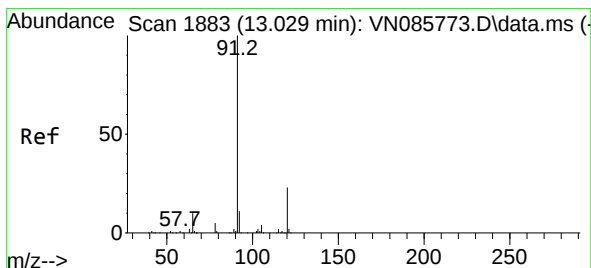
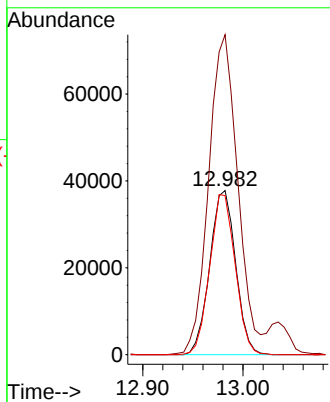
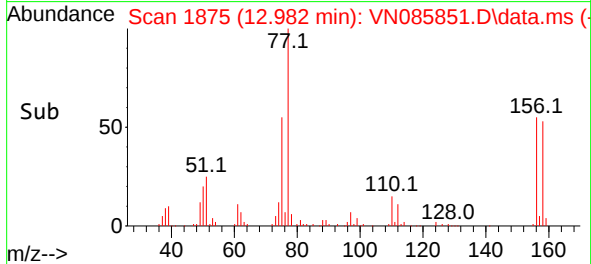
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



Tgt Ion:156 Resp: 67664
Ion Ratio Lower Upper
156 100
77 218.7 104.1 312.3
158 96.1 48.1 144.4

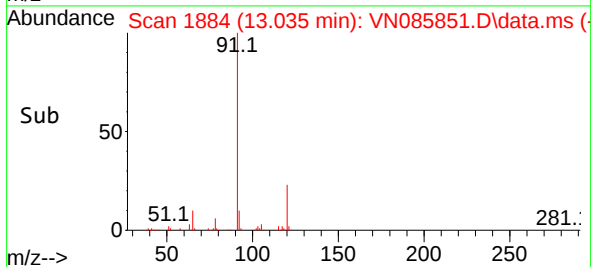
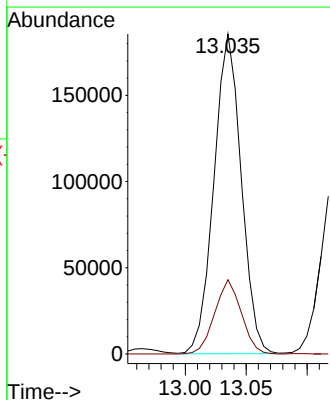
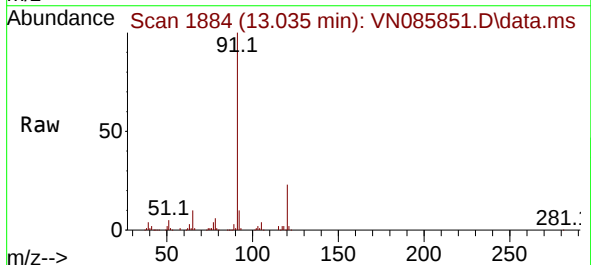
Manual Integrations
APPROVED

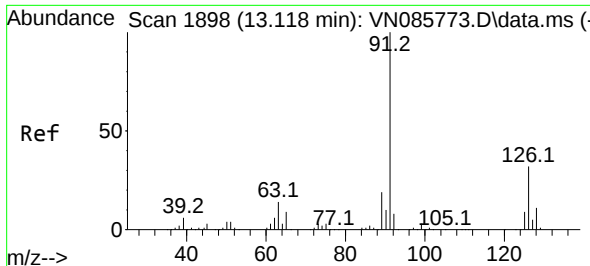
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#78
n-propylbenzene
Concen: 19.555 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion: 91 Resp: 289795
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





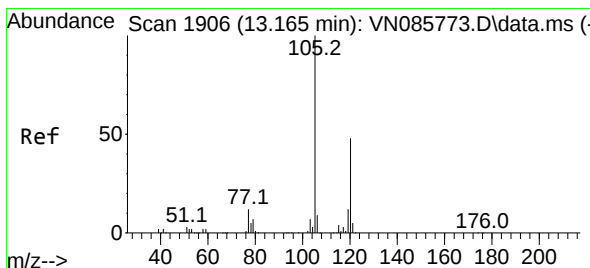
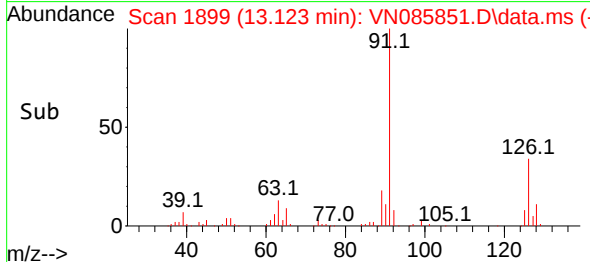
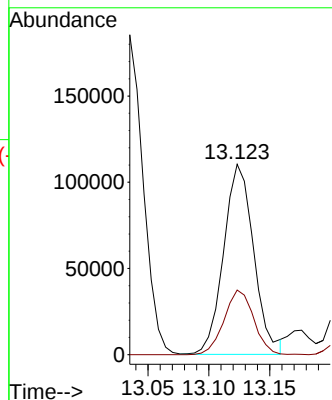
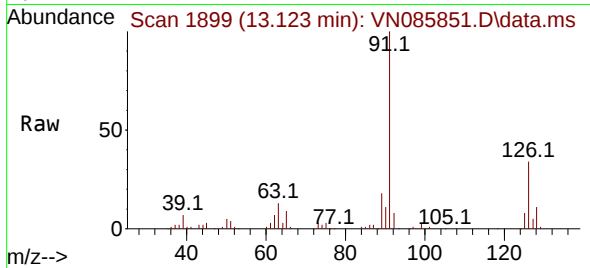
#79
2-Chlorotoluene
Concen: 19.166 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion: 91 Resp: 18977
Ion Ratio Lower Upper
91 100
126 33.4 16.4 49.1

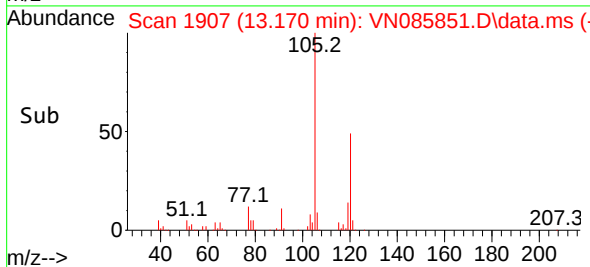
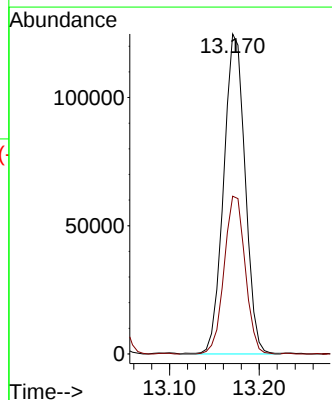
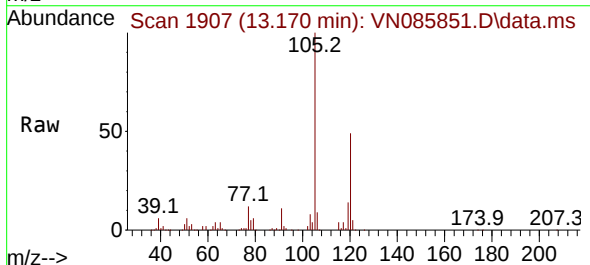
Manual Integrations
APPROVED

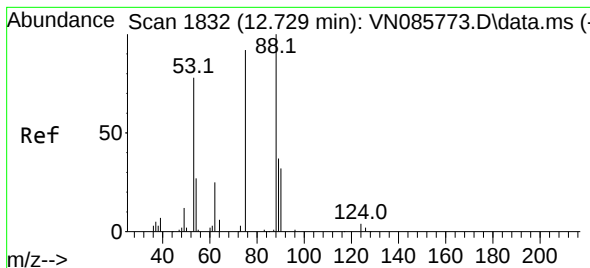
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.669 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

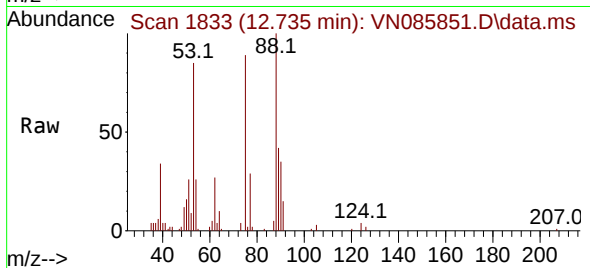
Tgt Ion:105 Resp: 207322
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 22.948 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

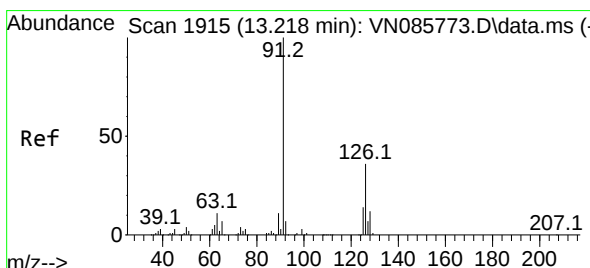
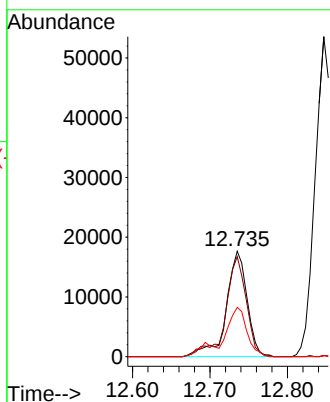
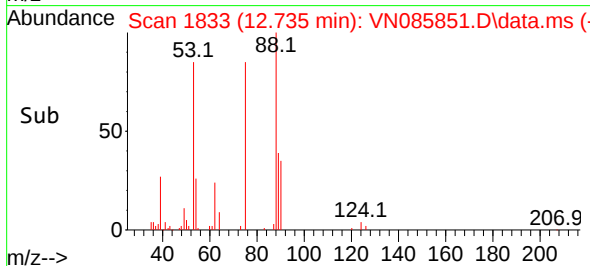
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



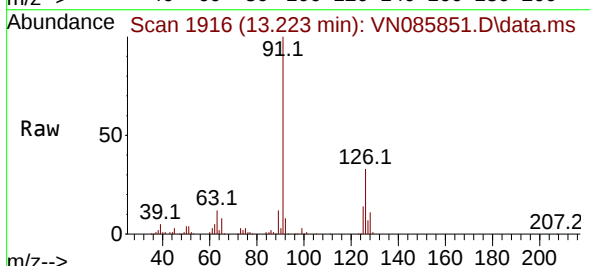
Tgt Ion: 75 Resp: 32998
Ion Ratio Lower Upper
75 100
53 94.4 74.2 111.4
89 42.2 34.9 52.3

Manual Integrations
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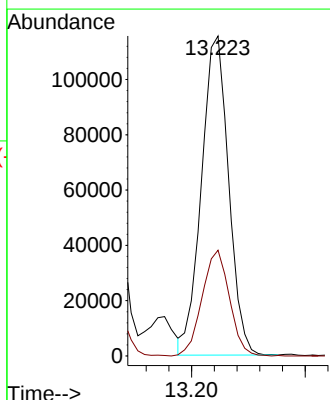
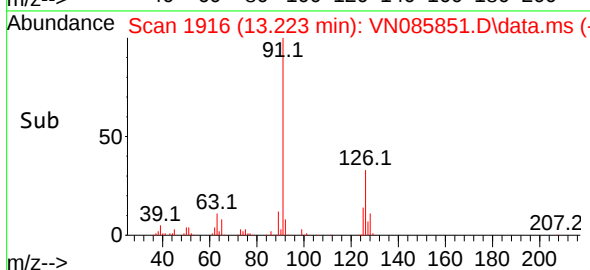
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#82
4-Chlorotoluene
Concen: 19.567 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48



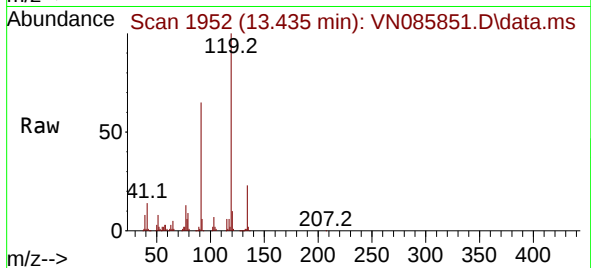
Tgt Ion: 91 Resp: 192069
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 18.900 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085851.D
 Acq: 25 Feb 2025 12:48

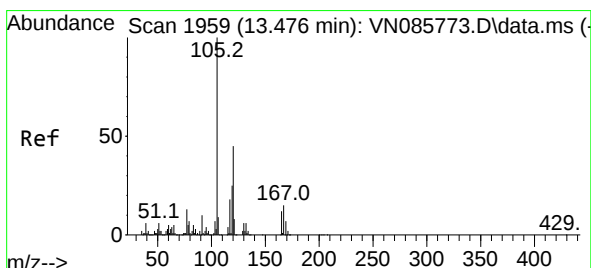
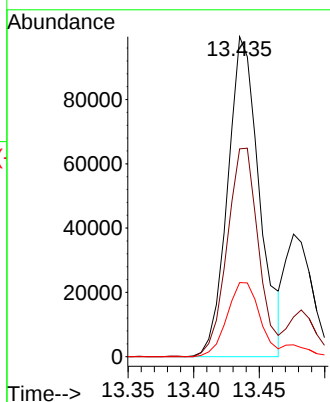
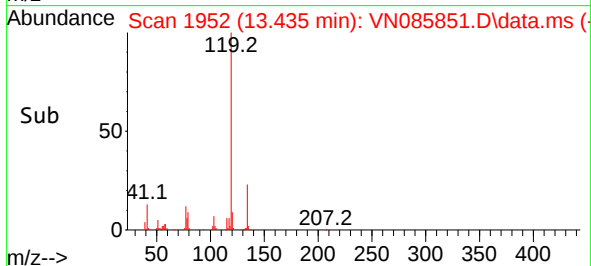
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01



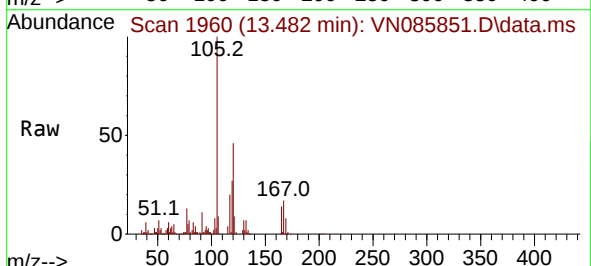
Tgt Ion:119 Resp: 167530
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.5 97.5
 134 23.9 13.3 39.9

Manual Integrations
 APPROVED

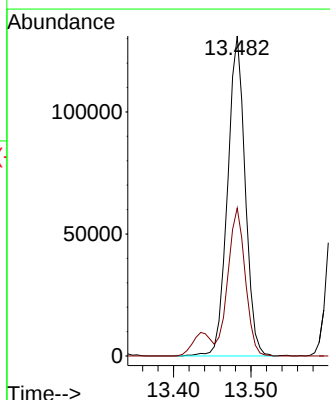
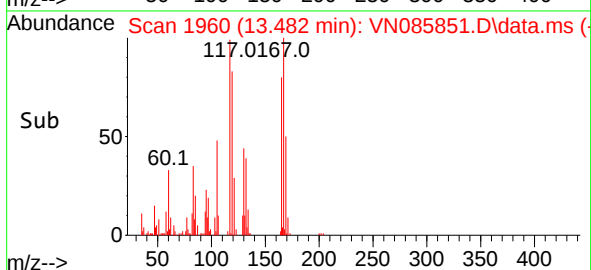
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 19.872 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085851.D
 Acq: 25 Feb 2025 12:48



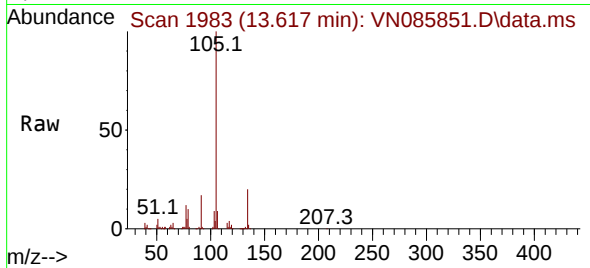
Tgt Ion:105 Resp: 207238
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 18.339 ug/l
 RT: 13.617 min Scan# 1982
 Delta R.T. 0.005 min
 Lab File: VN085851.D
 Acq: 25 Feb 2025 12:48

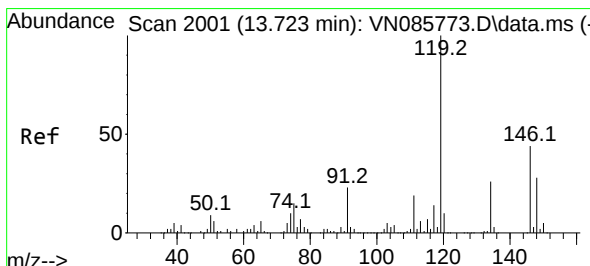
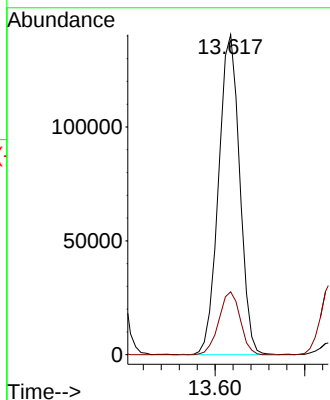
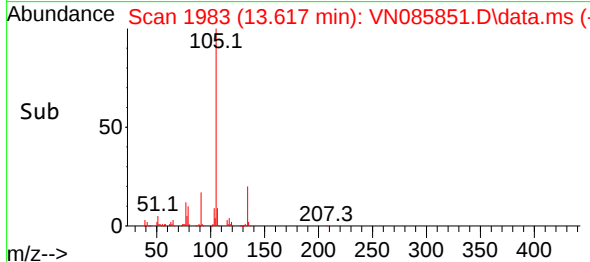
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD01



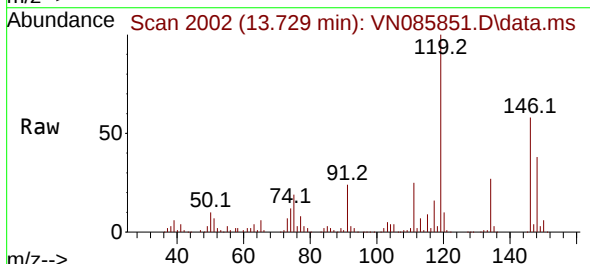
Tgt Ion:105 Resp: 229669
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
 APPROVED

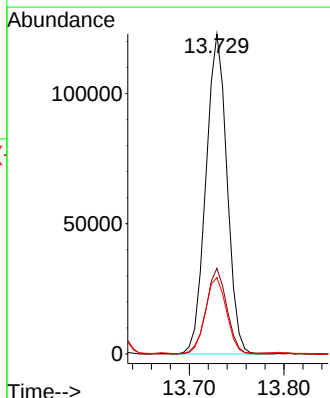
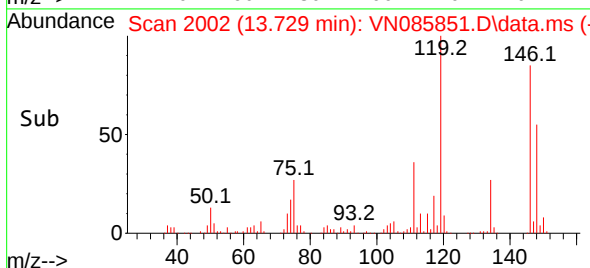
Reviewed By :John Carlone 02/26/2025
 Supervised By :Mahesh Dadoda 02/26/2025



#86
 p-Isopropyltoluene
 Concen: 17.838 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085851.D
 Acq: 25 Feb 2025 12:48



Tgt Ion:119 Resp: 189823
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.9 11.7 35.1





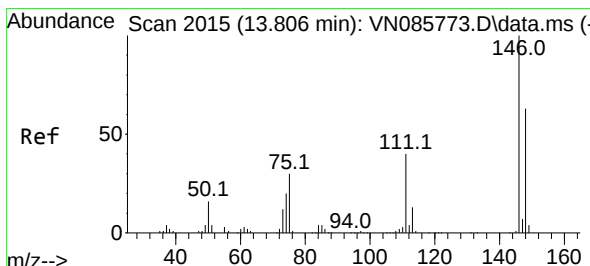
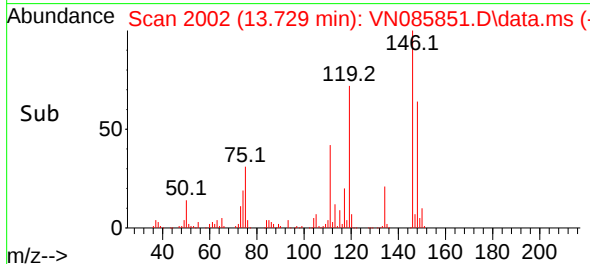
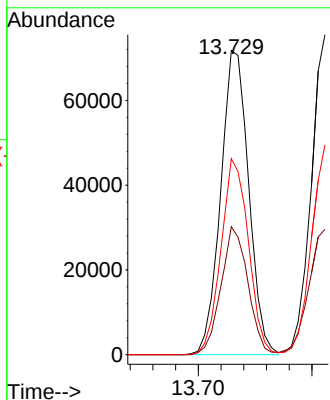
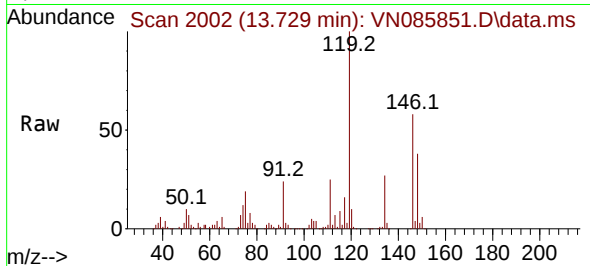
#87
1,3-Dichlorobenzene
Concen: 18.777 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion:146 Resp: 122985
Ion Ratio Lower Upper
146 100
111 40.5 21.1 63.3
148 63.2 32.1 96.5

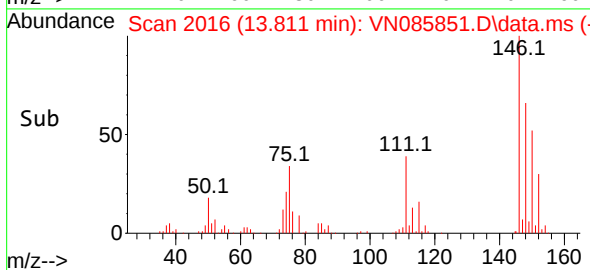
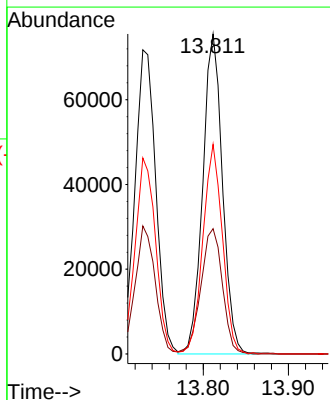
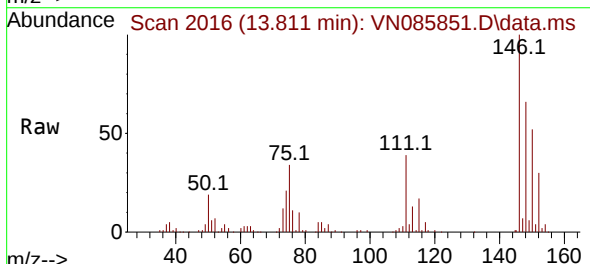
Manual Integrations
APPROVED

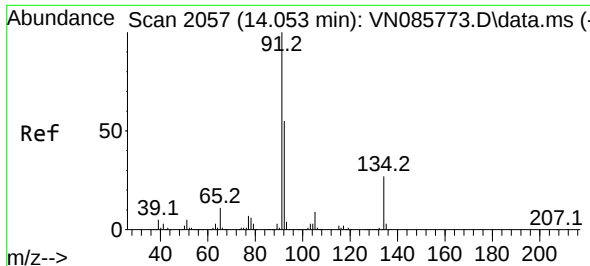
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#88
1,4-Dichlorobenzene
Concen: 18.128 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion:146 Resp: 121695
Ion Ratio Lower Upper
146 100
111 42.6 20.4 61.3
148 64.8 31.8 95.4





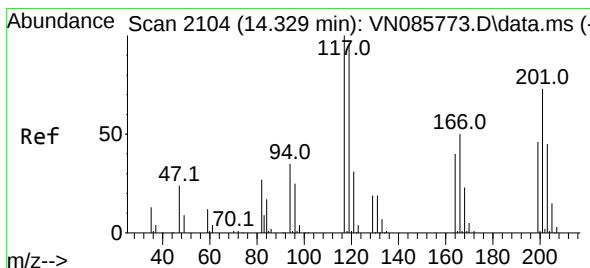
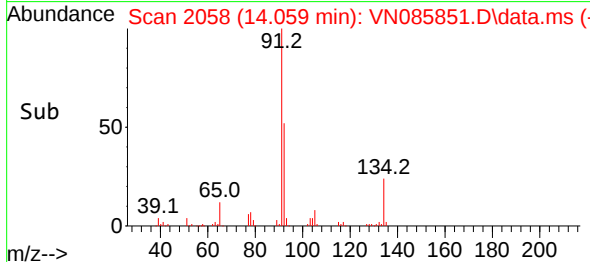
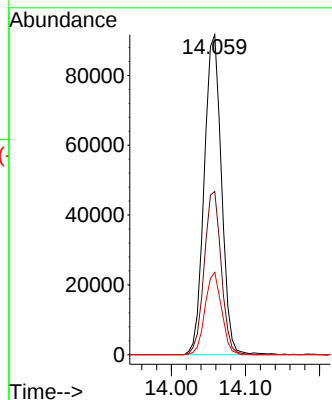
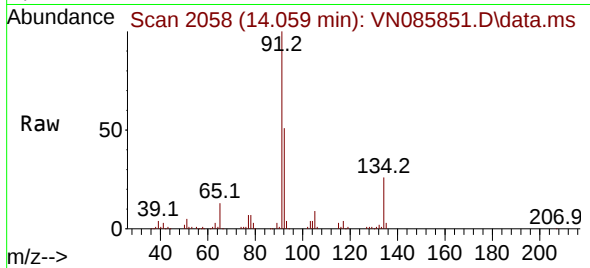
#89
n-Butylbenzene
Concen: 16.691 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion: 91 Resp: 148414
Ion Ratio Lower Upper
91 100
92 50.2 27.1 81.3
134 24.6 12.7 38.1

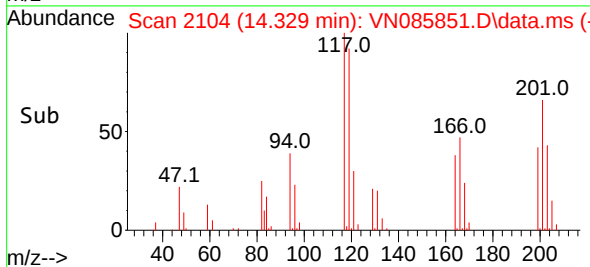
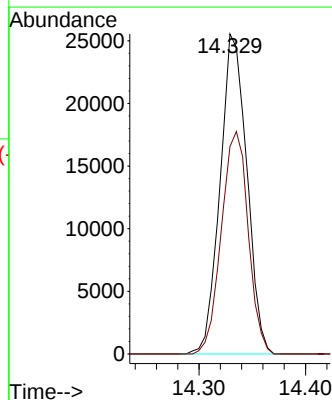
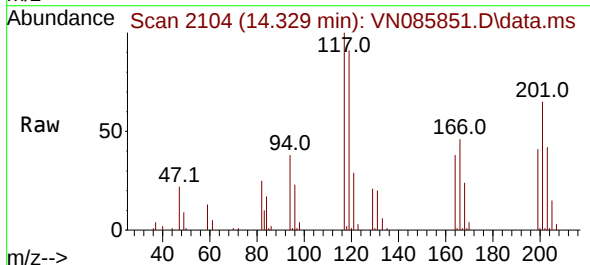
Manual Integrations
APPROVED

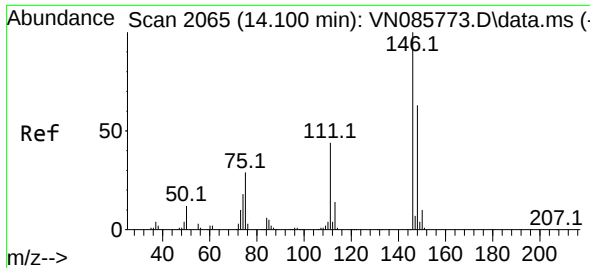
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#90
Hexachloroethane
Concen: 18.760 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion:117 Resp: 44496
Ion Ratio Lower Upper
117 100
201 69.7 35.6 106.9





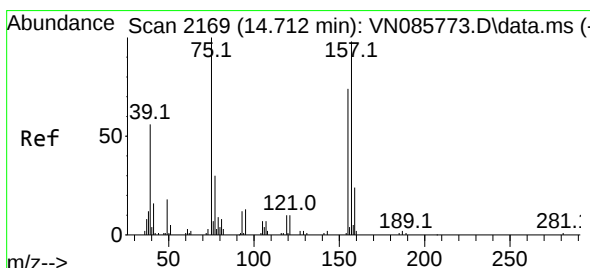
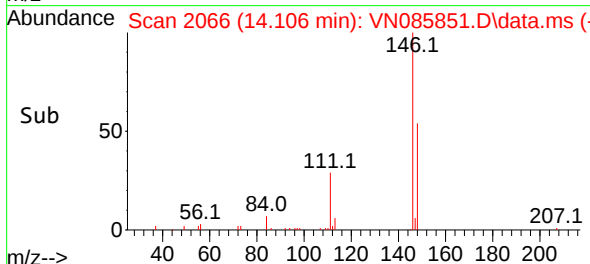
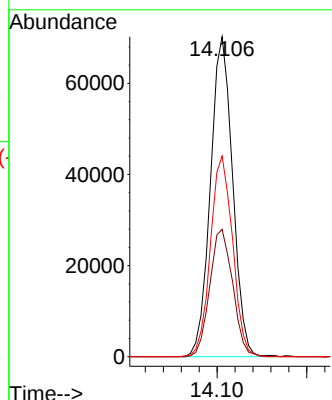
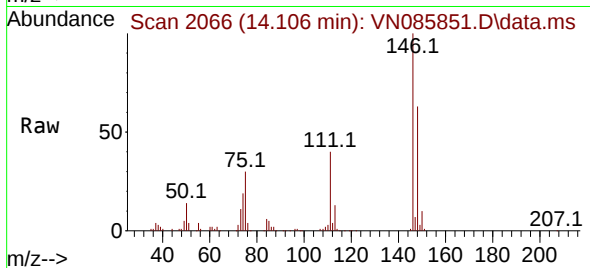
#91
1,2-Dichlorobenzene
Concen: 19.144 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion:146 Resp: 12057
Ion Ratio Lower Upper
146 100
111 41.1 21.4 64.3
148 62.6 32.0 96.2

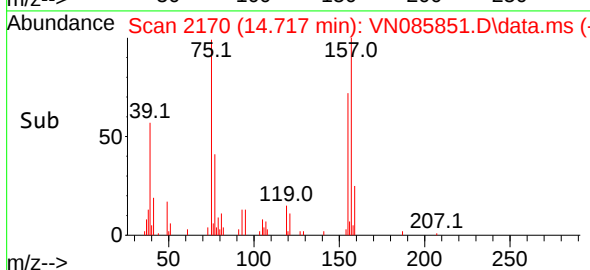
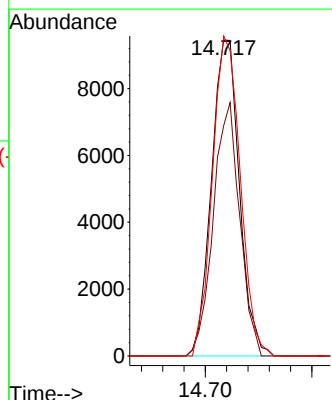
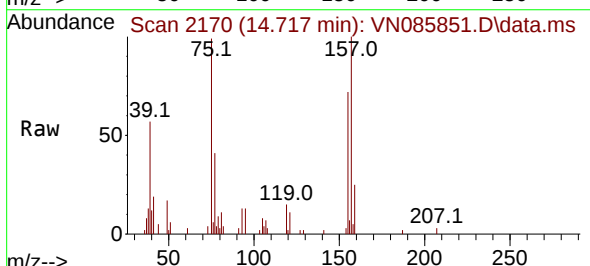
Manual Integrations
APPROVED

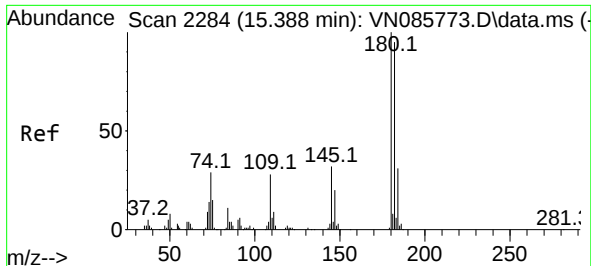
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.022 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion: 75 Resp: 17189
Ion Ratio Lower Upper
75 100
155 75.8 39.9 119.6
157 101.3 49.9 149.7





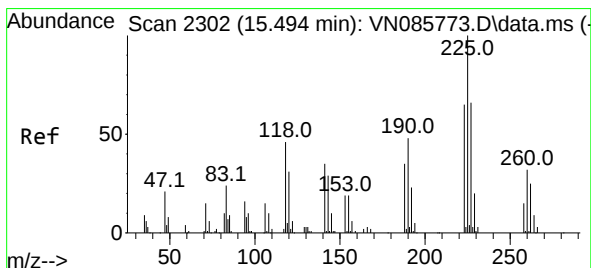
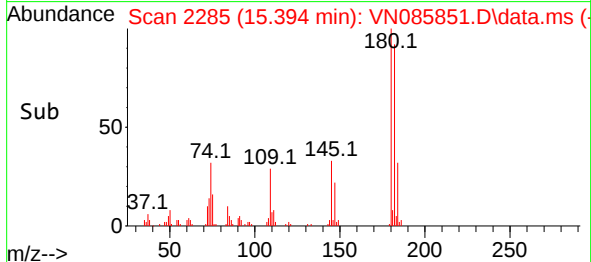
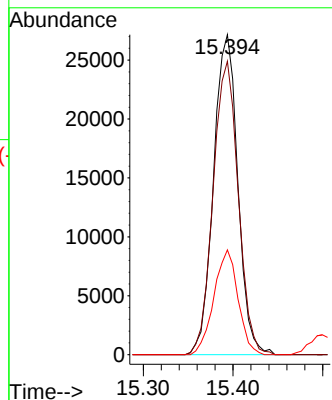
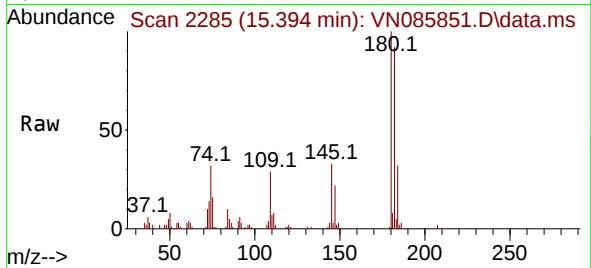
#93
1,2,4-Trichlorobenzene
Concen: 17.007 ug/l
RT: 15.394 min Scan# 2104
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01

Tgt Ion:180 Resp: 5104
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.9
145 32.6 16.2 48.5

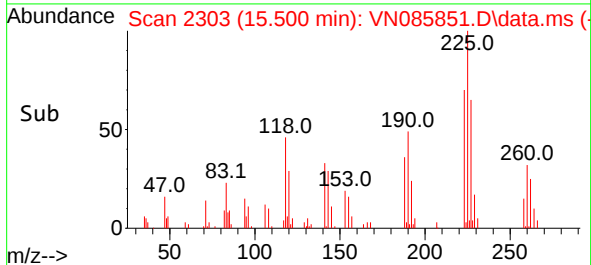
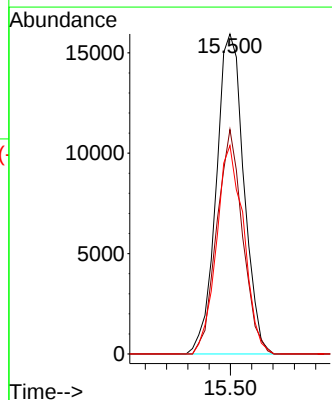
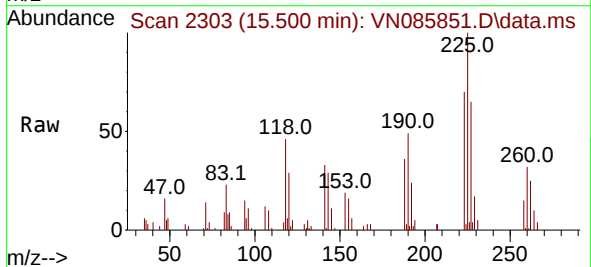
Manual Integrations
APPROVED

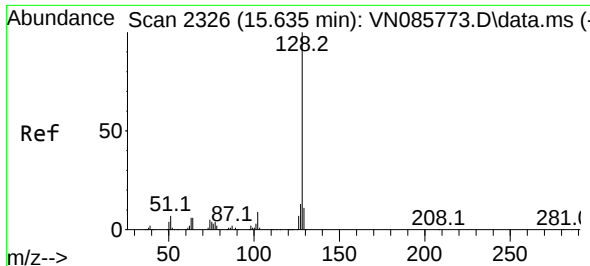
Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#94
Hexachlorobutadiene
Concen: 15.698 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

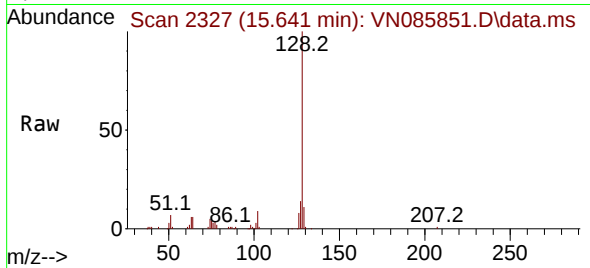
Tgt Ion:225 Resp: 28633
Ion Ratio Lower Upper
225 100
223 65.9 31.9 95.5
227 64.4 32.2 96.6





#95
Naphthalene
Concen: 18.033 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

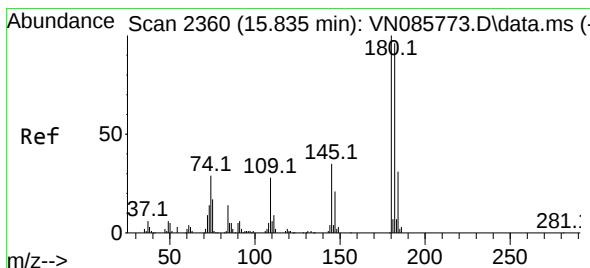
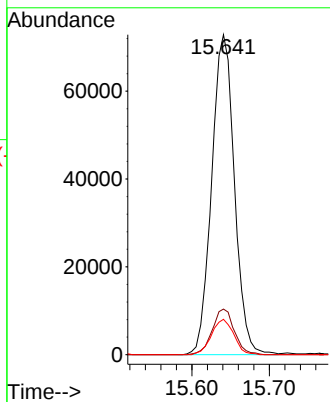
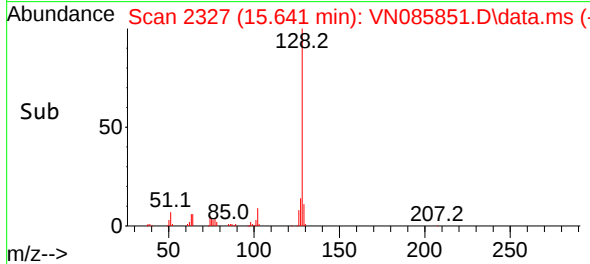
Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD01



Tgt Ion:128 Resp: 148588
Ion Ratio Lower Upper
128 100
127 13.9 10.2 15.2
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/26/2025
Supervised By :Mahesh Dadoda 02/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.533 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085851.D
Acq: 25 Feb 2025 12:48

Tgt Ion:180 Resp: 52826
Ion Ratio Lower Upper
180 100
182 97.4 47.3 141.8
145 33.3 16.9 50.6

