

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
 Data File : VN086535.D
 Acq On : 07 May 2025 15:09
 Operator : JC\MD
 Sample : Q1949-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(MAY)MSD

Quant Time: May 08 03:26:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/08/2025
 Supervised By : Mahesh Dadoda 05/08/2025

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

Internal Standards						
1) Bromochloromethane	7.812	128	49262	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	288210	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	268601	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	132752	27.951	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.167%		
60) 4-Bromofluorobenzene	12.847	95	154477	29.262	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.533%		
63) Toluene-d8	10.565	98	429069	29.036	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	73031	21.473	ug/l	99
3) Chloromethane	2.359	50	81366	16.842	ug/l	96
4) Vinyl Chloride	2.512	62	86308	18.653	ug/l	100
5) Bromomethane	2.959	94	44142	18.273	ug/l	95
6) Chloroethane	3.118	64	57157	18.529	ug/l	96
7) Trichlorofluoromethane	3.500	101	119559	21.891	ug/l	98
8) Diethyl Ether	3.959	74	47568	20.633	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	72186	21.499	ug/l	98
10) 1,1-Dichloroethene	4.341	96	71891	20.919	ug/l	94
11) Methyl Iodide	4.589	142	75117	18.681	ug/l	97
12) Methyl Acetate	5.018	43	107400	22.048	ug/l	100
13) Acrolein	4.183	56	23602	99.284	ug/l	100
14) Acrylonitrile	5.718	53	193772	106.883	ug/l	99
15) Acetone	4.418	58	278377	557.244	ug/l	97
16) Carbon Disulfide	4.712	76	224609	24.803	ug/l	98
17) Allyl chloride	5.018	41	96743	17.605	ug/l	99
18) Methylene Chloride	5.277	84	82960	21.197	ug/l #	90
19) trans-1,2-Dichloroethene	5.788	96	75083	20.498	ug/l	97
20) Diisopropyl ether	6.671	45	245961	18.825	ug/l	94
21) 1,1-Dichloroethane	6.565	63	140166	19.598	ug/l	97
22) cis-1,2-Dichloroethene	7.482	96	95283	20.803	ug/l	92
23) tert-Butyl Alcohol	5.518	59	94653	134.776	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	261371	20.585	ug/l	98
25) Chloroform	7.965	83	154615	21.361	ug/l	96
26) Cyclohexane	8.253	56	119231	18.881	ug/l #	94
29) 1,1-Dichloropropene	8.371	75	102942	20.261	ug/l	97
30) 2-Butanone	7.477	43	399267	161.901	ug/l	97
31) 2,2-Dichloropropane	7.488	77	130692	20.010	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	129176	21.276	ug/l	98
33) Carbon Tetrachloride	8.359	117	110768	22.162	ug/l	99
34) Benzene	8.600	78	330309	20.439	ug/l	98
35) Methacrylonitrile	7.771	41	66312	23.572	ug/l	96
36) 1,2-Dichloroethane	8.665	62	108822	20.741	ug/l	99
37) Trichloroethene	9.347	130	87624	21.659	ug/l	92
38) Methylcyclohexane	9.594	83	123858	21.107	ug/l	96
39) 1,2-Dichloropropane	9.618	63	78844	19.749	ug/l	97
40) Dibromomethane	9.706	93	56667	21.225	ug/l	92
41) Bromodichloromethane	9.882	83	118980	21.059	ug/l	99
42) Vinyl Acetate	6.600	43	878546	102.839	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	120049	24.598	ug/l	96
44) Isopropyl Acetate	8.682	43	197948	21.371	ug/l	100
45) 1,4-Dioxane	9.688	88	33163	458.882	ug/l	98
46) Methyl methacrylate	9.676	41	89298	20.900	ug/l	98
47) n-amyl Acetate	12.488	43	206170	26.115	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	125402	19.853	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	129852	19.494	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	79591	21.342	ug/l	97
51) Ethyl methacrylate	10.870	69	141134	21.730	ug/l	94
52) 1,3-Dichloropropane	11.159	76	136425	20.699	ug/l	100
53) Dibromochloromethane	11.359	129	91955	21.959	ug/l	99
54) 1,2-Dibromoethane	11.465	107	84378	22.253	ug/l	99
56) Bromoform	12.576	173	64227	23.636	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	616690	118.644	ug/l	98
59) 2-Hexanone	11.194	43	449282	117.294	ug/l	98
61) Tetrachloroethene	11.100	164	80228	19.583	ug/l	97
62) Toluene	10.629	91	863228	48.013	ug/l	99
64) Chlorobenzene	11.888	112	241832	21.587	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	82715	22.082	ug/l	99
66) Ethyl Benzene	11.959	91	430270	21.261	ug/l	99
67) m/p-Xylenes	12.065	106	348628	45.402	ug/l	100
68) o-Xylene	12.394	106	171071	22.754	ug/l	96
69) Styrene	12.406	104	270501	21.227	ug/l	99
70) Isopropylbenzene	12.694	105	399845	21.305	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	120224	24.329	ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	110404m	25.626	ug/l	
73) Bromobenzene	12.976	156	98442	22.815	ug/l	91
74) n-propylbenzene	13.029	91	471404	21.138	ug/l	98
75) 2-Chlorotoluene	13.123	91	294086	21.124	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	332785	21.610	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	39226	17.940	ug/l	99
78) 4-Chlorotoluene	13.217	91	292201	20.991	ug/l	97
79) tert-butylbenzene	13.435	119	294883	22.359	ug/l	97
80) 1,2,4-Trimethylbenzene	13.476	105	345713	21.982	ug/l	98
81) sec-Butylbenzene	13.611	105	413629	21.971	ug/l	98
82) p-Isopropyltoluene	13.723	119	356004	22.599	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	179575	22.017	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	178292	22.125	ug/l	99
85) n-Butylbenzene	14.053	91	305551	21.738	ug/l	98
86) Hexachloroethane	14.329	117	54266	21.067	ug/l	95
87) 1,2-Dichlorobenzene	14.106	146	170663	21.991	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	23322	23.219	ug/l	90
89) 1,2,4-Trichlorobenzene	15.835	180	82003	23.184	ug/l	98
90) Hexachlorobutadiene	15.500	225	37526	26.338	ug/l	98
91) Naphthalene	15.635	128	301103	23.778	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	82003	23.184	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

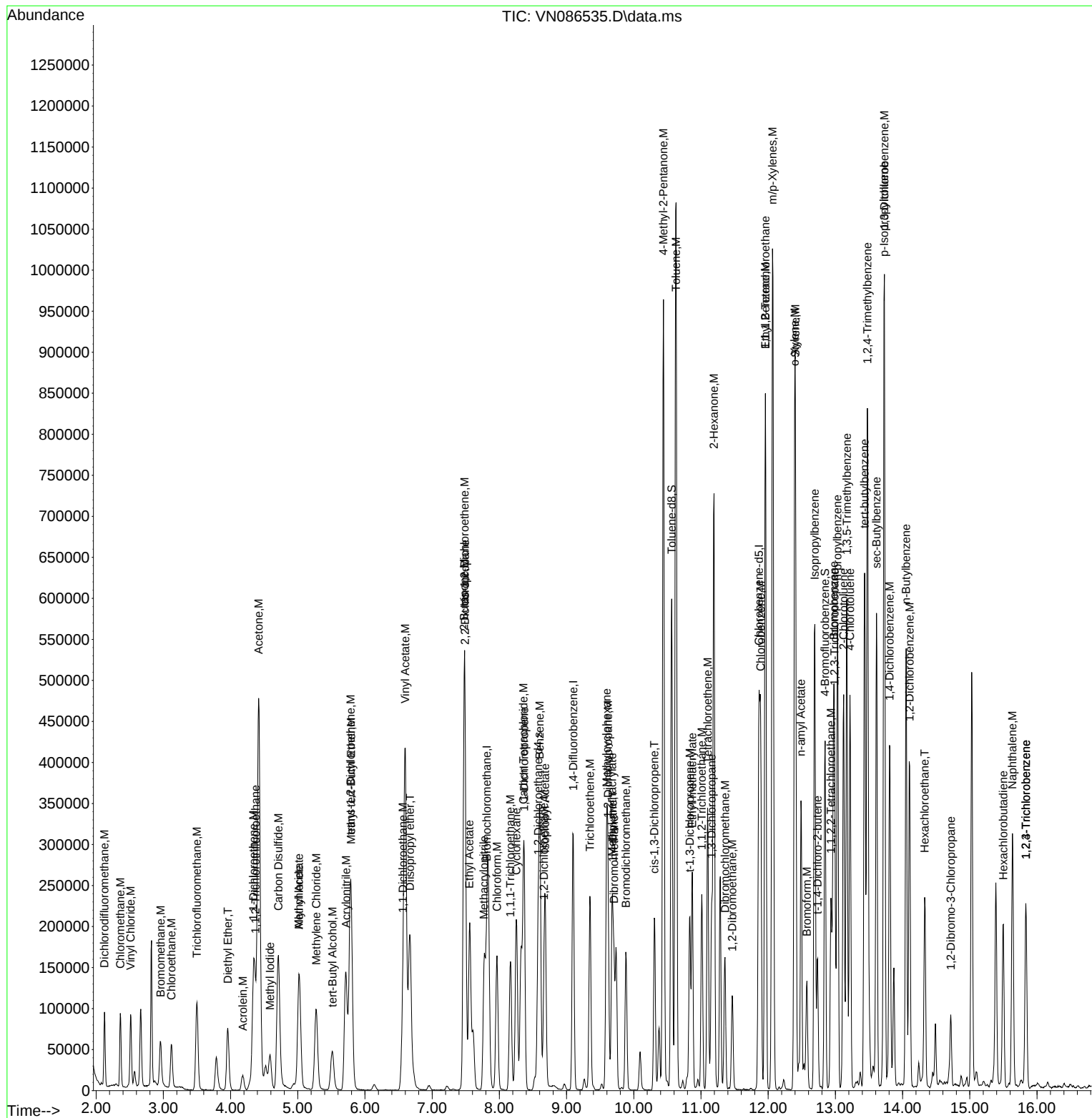
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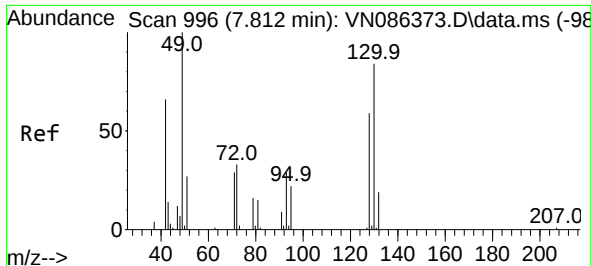
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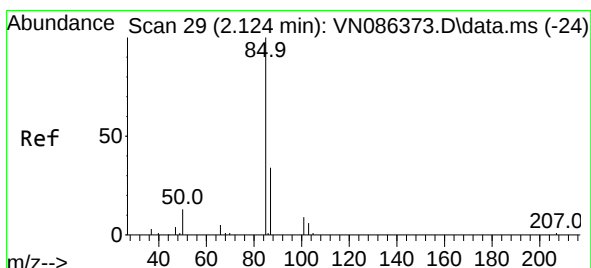
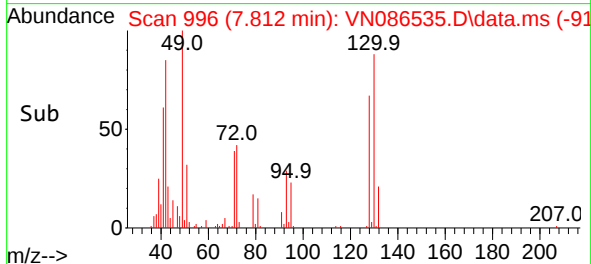
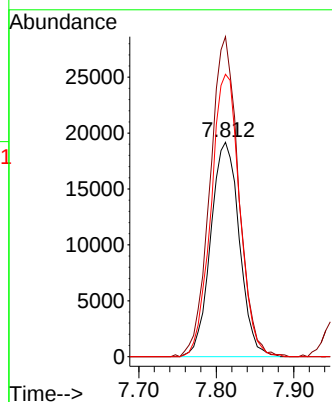
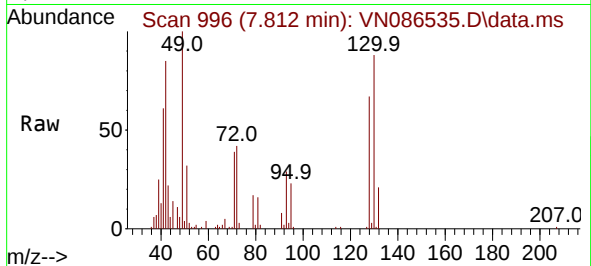
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

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Client SampleId : 001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion: 128 Resp: 49262
Ion Ratio Lower Upper
128 100
49 148.9 0.0 433.8
130 131.6 0.0 325.0

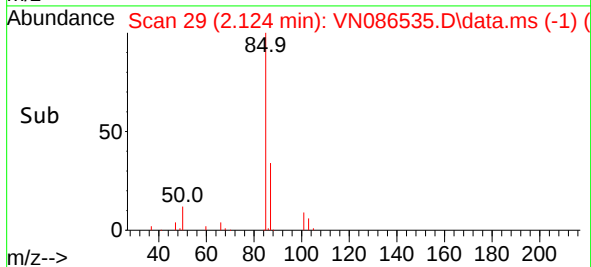
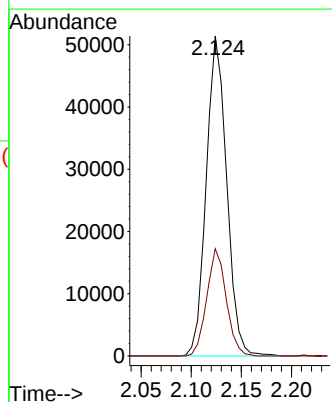
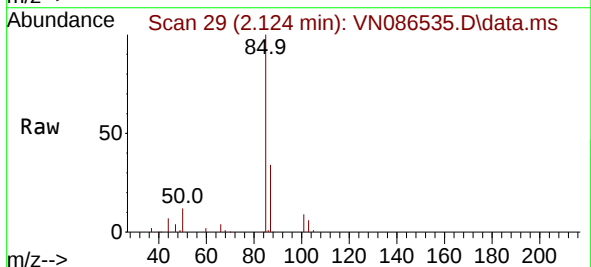
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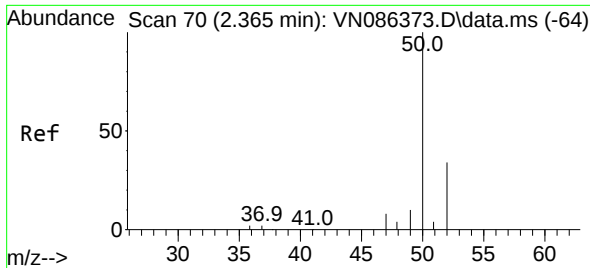
Reviewed By : John Carlone 05/08/2025
Supervised By : Mahesh Dadoda 05/08/2025



#2
Dichlorodifluoromethane
Concen: 21.473 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Tgt Ion: 85 Resp: 73031
Ion Ratio Lower Upper
85 100
87 33.5 17.0 50.9





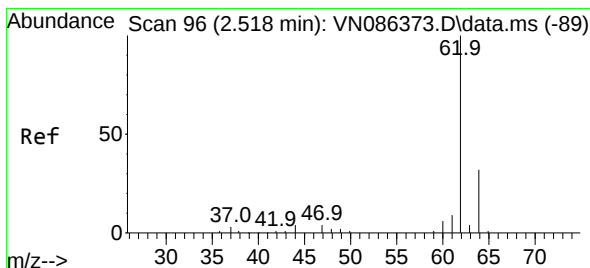
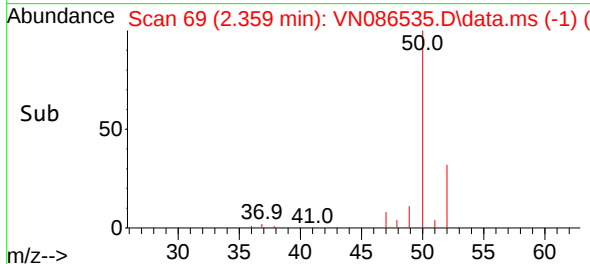
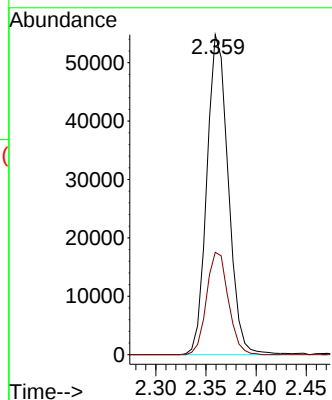
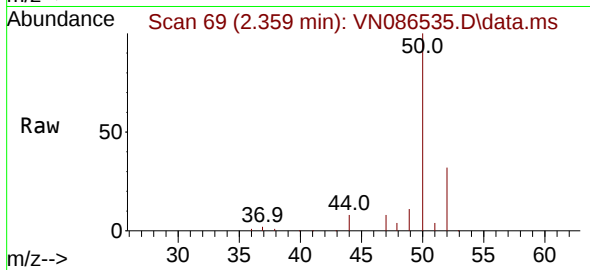
#3
Chloromethane
Concen: 16.842 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN086535.D
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001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion: 50 Resp: 81360
Ion Ratio Lower Upper
50 100
52 32.0 27.3 40.9

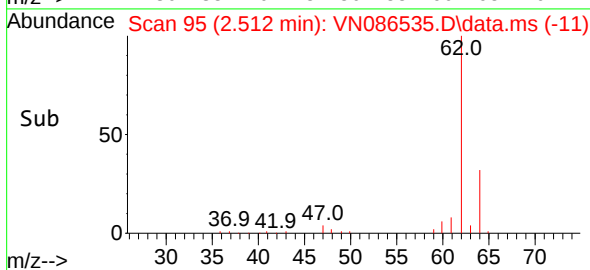
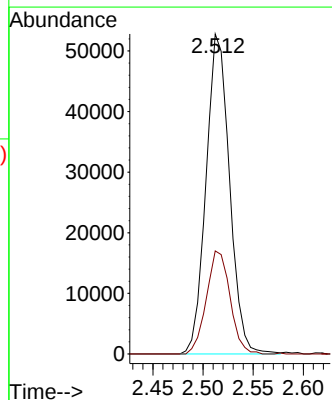
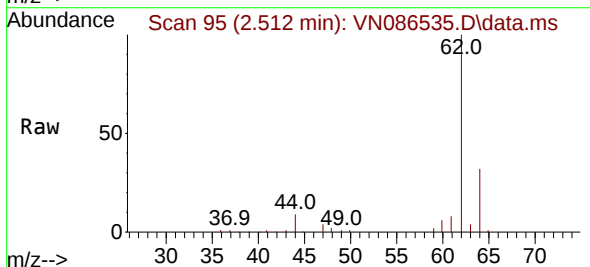
Manual Integrations
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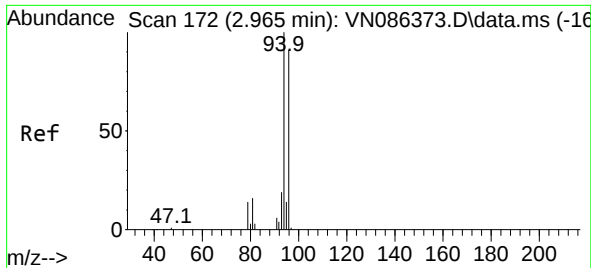
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#4
Vinyl Chloride
Concen: 18.653 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Tgt Ion: 62 Resp: 86308
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.8





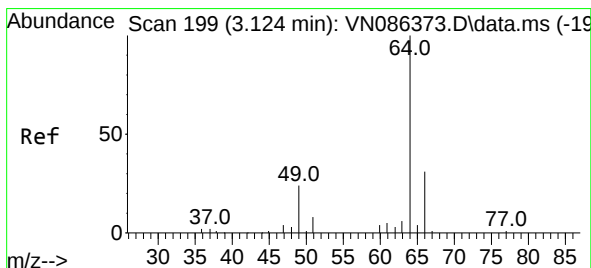
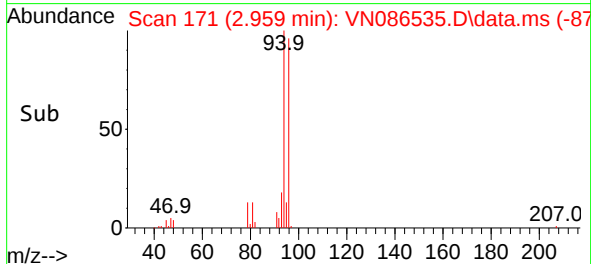
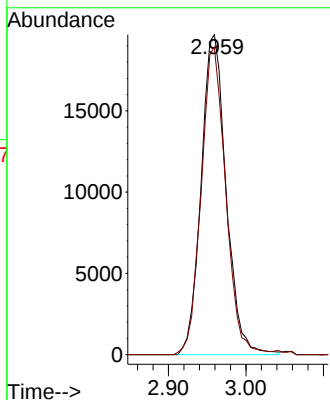
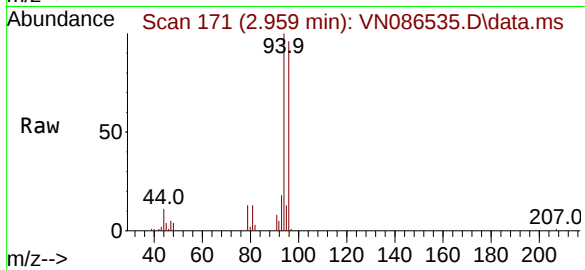
#5
Bromomethane
Concen: 18.273 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

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Tgt Ion: 94 Resp: 4414
Ion Ratio Lower Upper
94 100
96 95.4 72.4 108.6

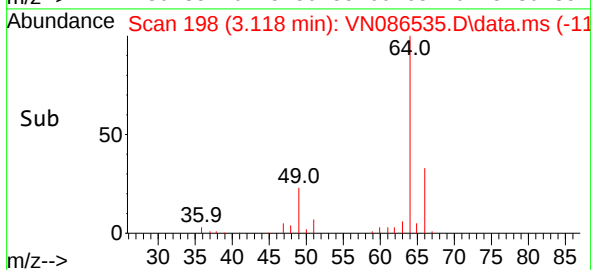
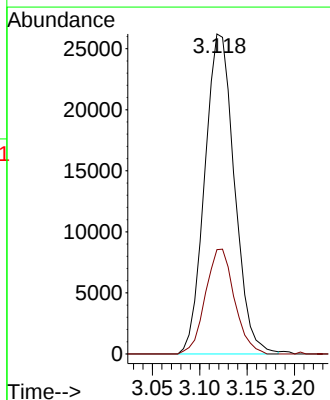
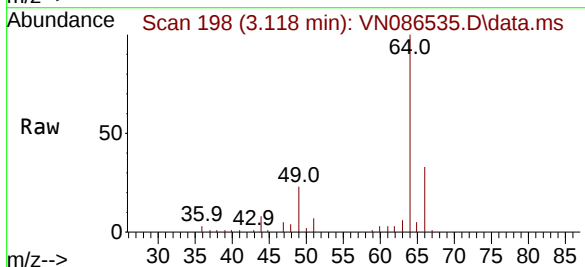
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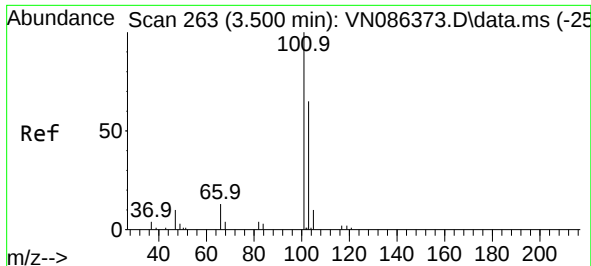
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#6
Chloroethane
Concen: 18.529 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN086535.D
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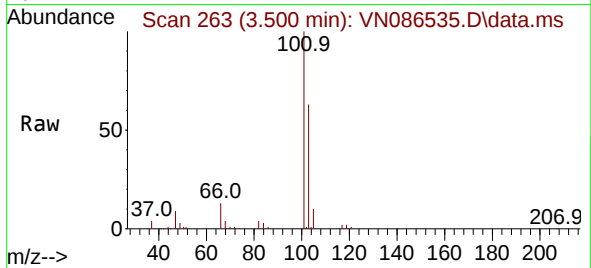
Tgt Ion: 64 Resp: 57157
Ion Ratio Lower Upper
64 100
66 32.6 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 21.891 ug/l
 RT: 3.500 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VN086535.D
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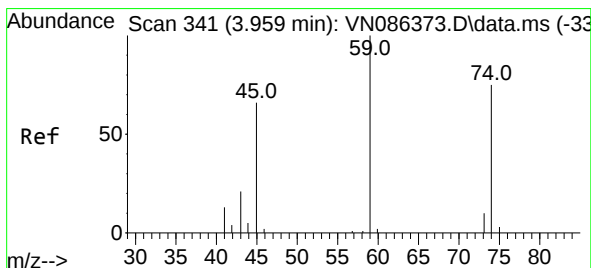
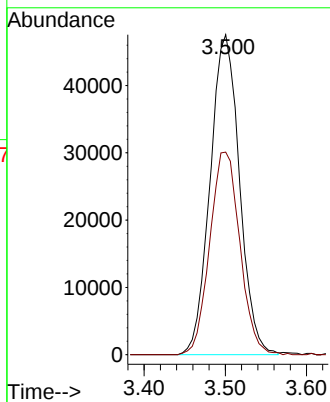
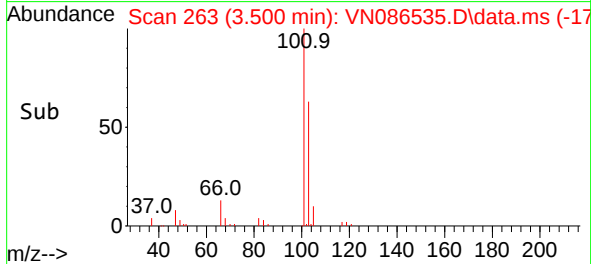
Instrument :
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 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion:101 Resp: 11955
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.8 77.6

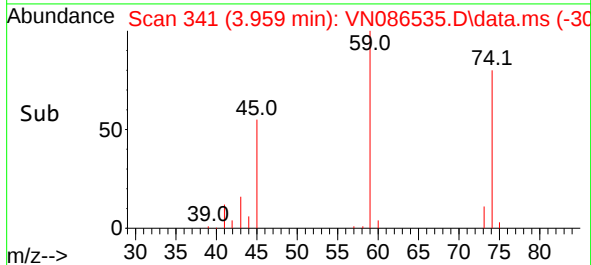
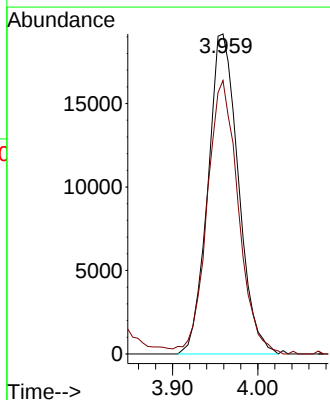
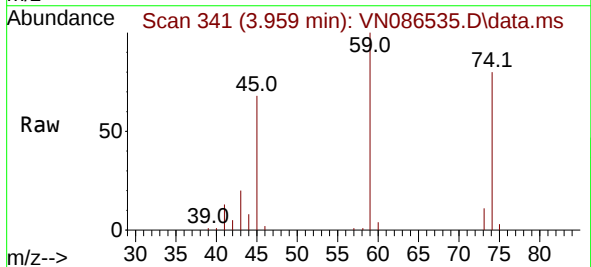
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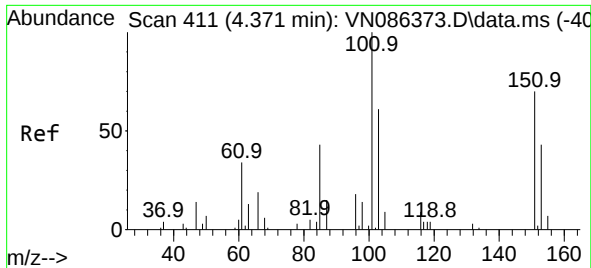
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025



#8
 Diethyl Ether
 Concen: 20.633 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086535.D
 Acq: 07 May 2025 15:09

Tgt Ion: 74 Resp: 47568
 Ion Ratio Lower Upper
 74 100
 45 87.5 18.5 166.3





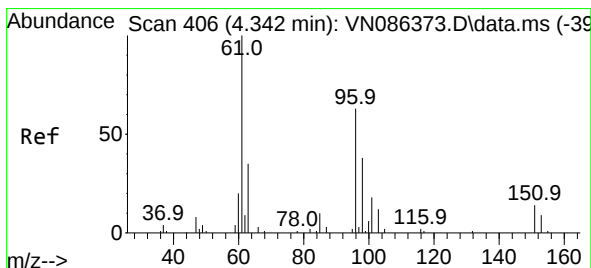
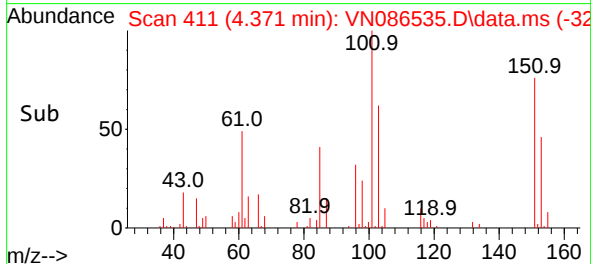
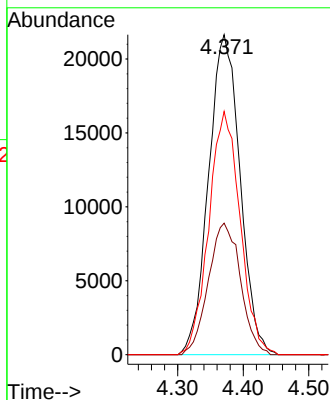
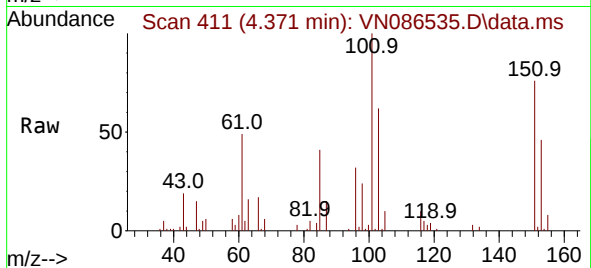
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.499 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion:101 Resp: 72186
Ion Ratio Lower Upper
101 100
85 41.9 0.0 84.4
151 75.5 0.0 145.8

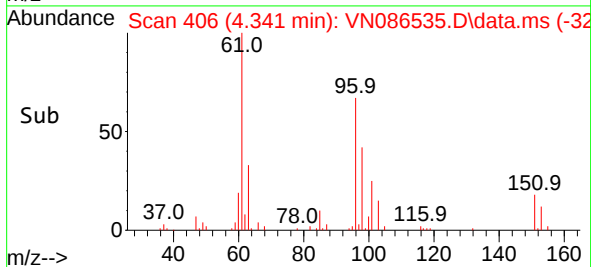
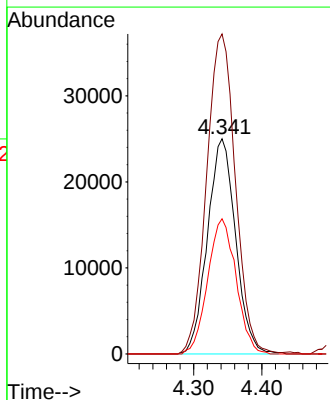
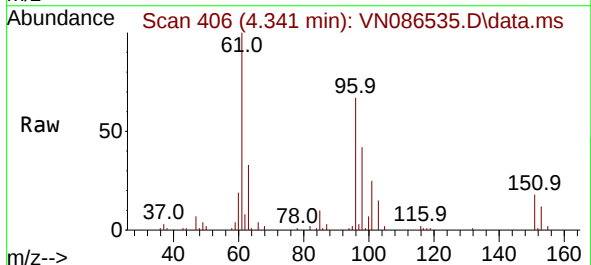
Manual Integrations
APPROVED

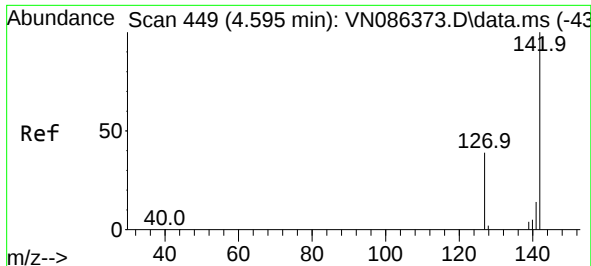
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#10
1,1-Dichloroethene
Concen: 20.919 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

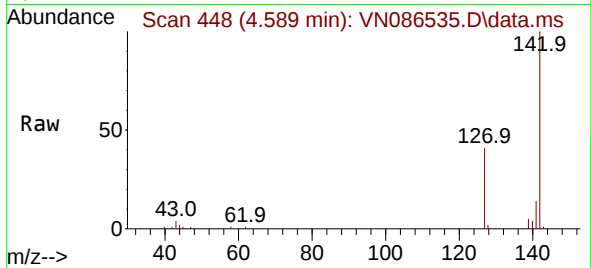
Tgt Ion: 96 Resp: 71891
Ion Ratio Lower Upper
96 100
61 148.7 126.2 189.4
98 62.8 48.5 72.7





#11
Methyl Iodide
Concen: 18.681 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

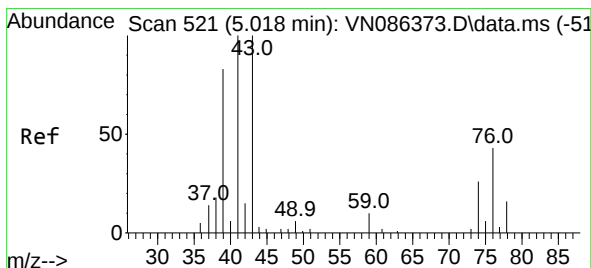
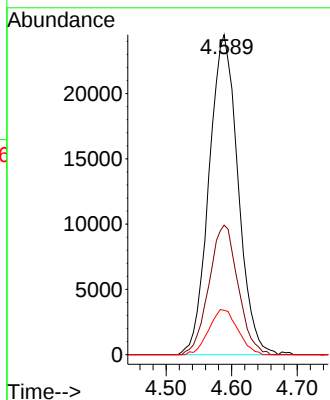
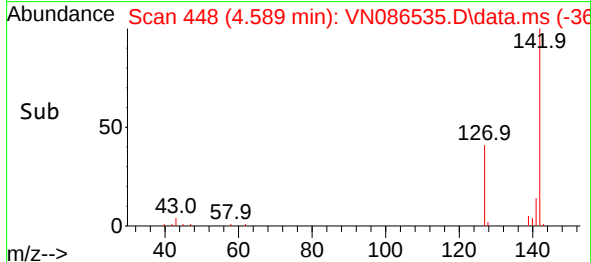
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion:142 Resp: 7511
Ion Ratio Lower Upper
142 100
127 40.5 19.3 57.9
141 13.9 7.1 21.3

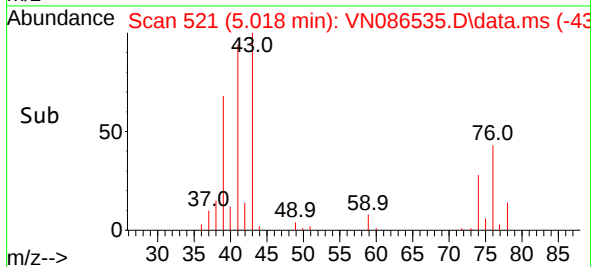
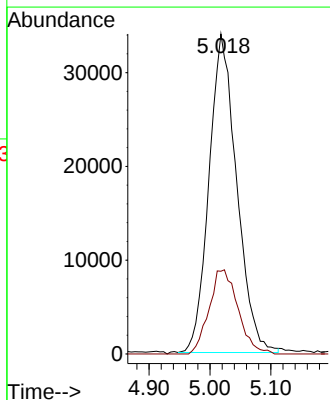
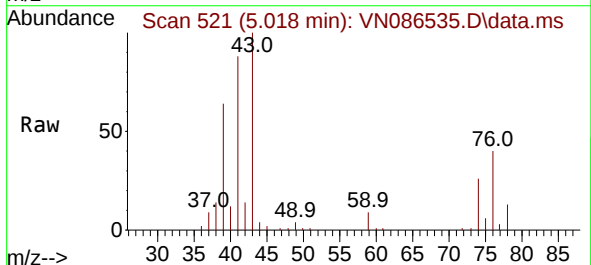
Manual Integrations
APPROVED

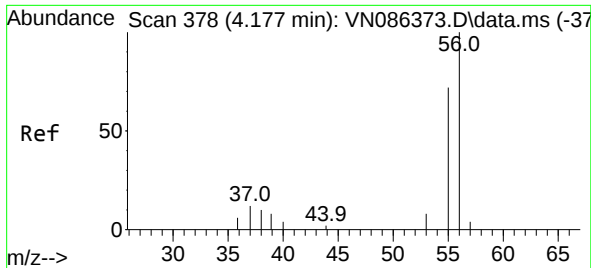
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#12
Methyl Acetate
Concen: 22.048 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Tgt Ion: 43 Resp: 107400
Ion Ratio Lower Upper
43 100
74 26.1 20.8 31.2





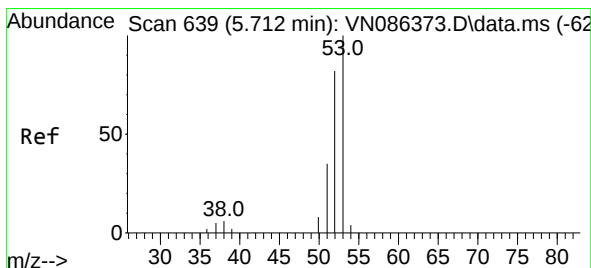
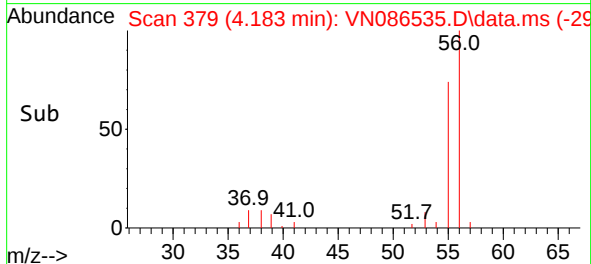
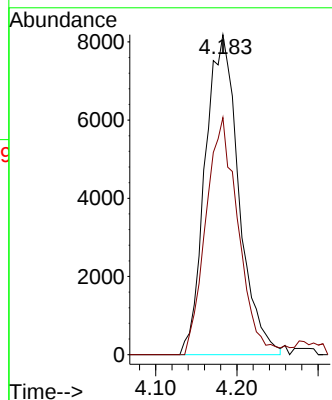
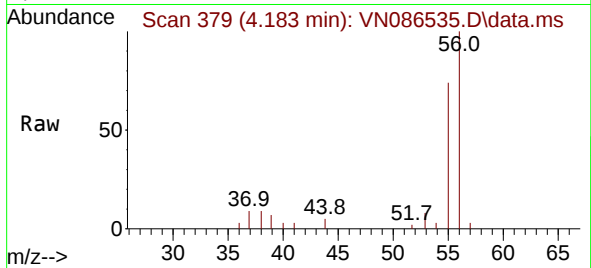
#13
Acrolein
Concen: 99.284 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion: 56 Resp: 23602
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1

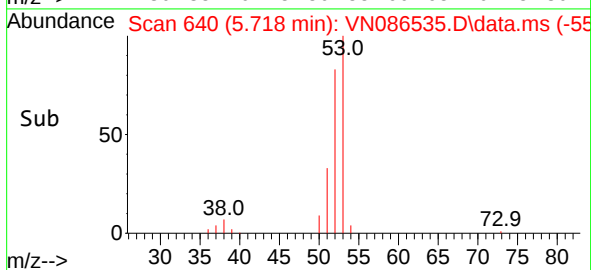
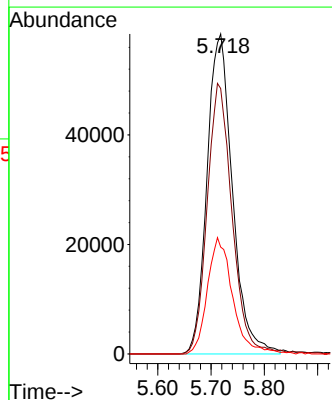
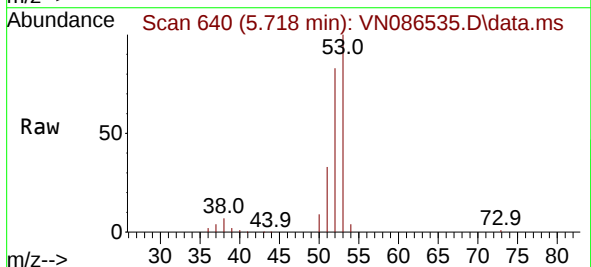
Manual Integrations
APPROVED

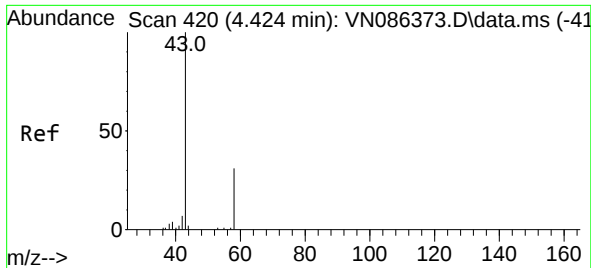
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#14
Acrylonitrile
Concen: 106.883 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

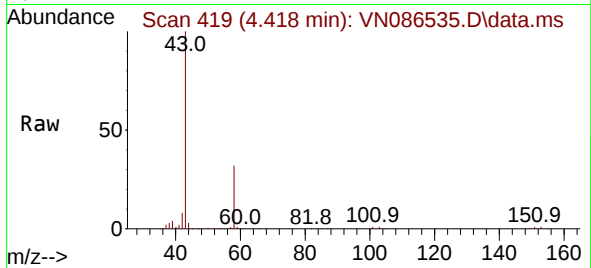
Tgt Ion: 53 Resp: 193772
Ion Ratio Lower Upper
53 100
52 82.3 41.2 123.6
51 36.2 17.6 52.8





#15
Acetone
Concen: 557.244 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

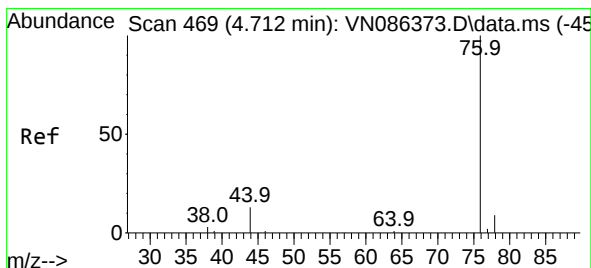
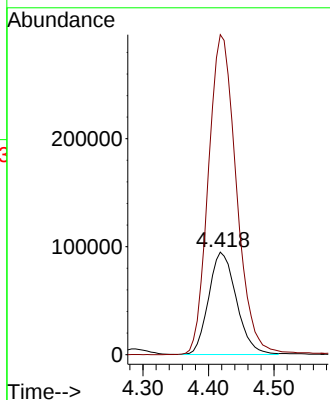
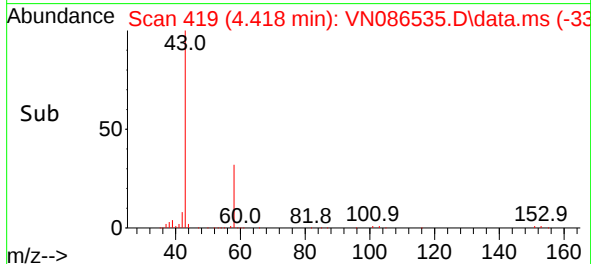
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 58 Resp: 27837
Ion Ratio Lower Upper
58 100
43 312.1 255.1 382.7

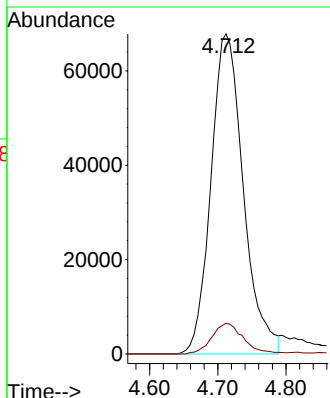
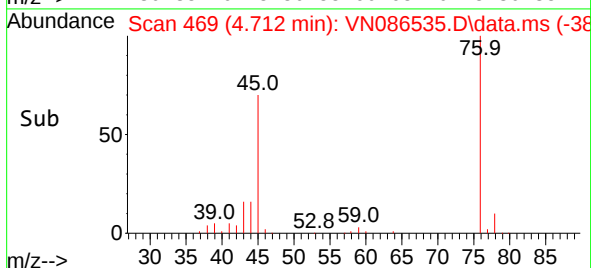
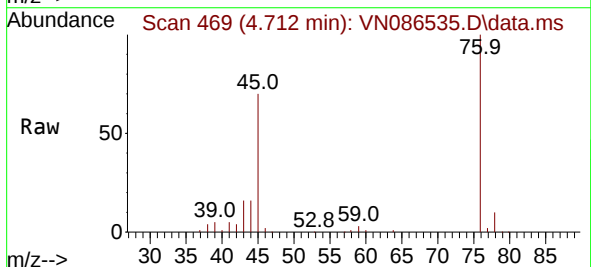
Manual Integrations
APPROVED

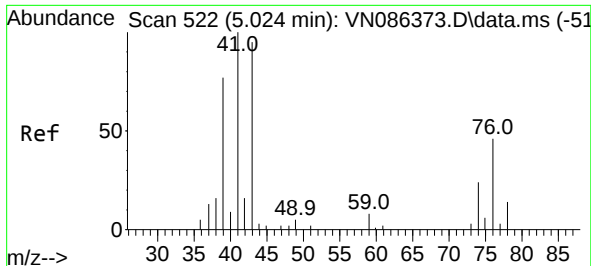
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#16
Carbon Disulfide
Concen: 24.803 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

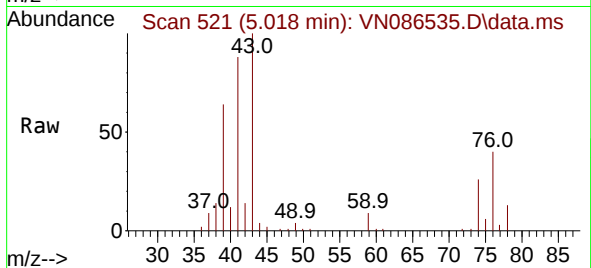
Tgt Ion: 76 Resp: 224609
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7





#17
 Allyl chloride
 Concen: 17.605 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086535.D
 Acq: 07 May 2025 15:09

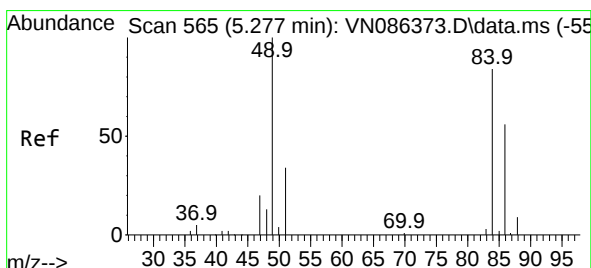
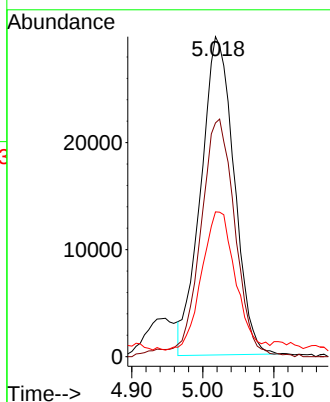
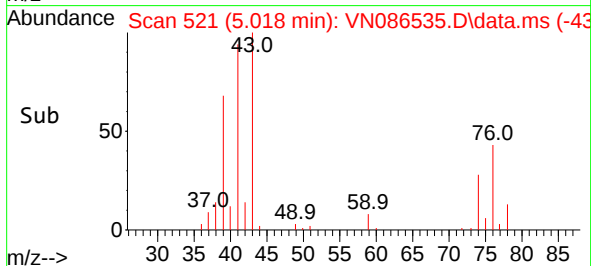
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 41 Resp: 9674
 Ion Ratio Lower Upper
 41 100
 39 72.7 36.7 110.1
 76 42.7 21.8 65.4

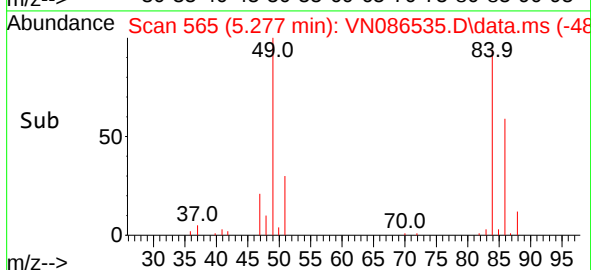
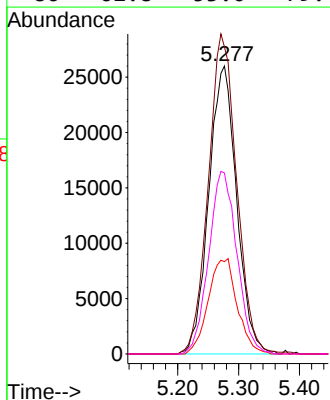
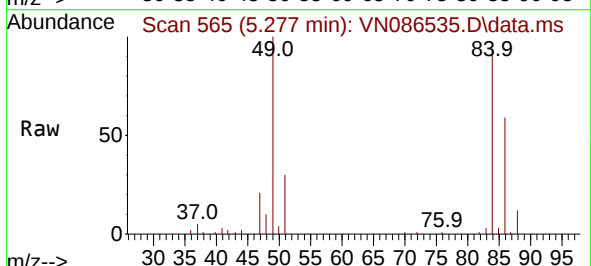
Manual Integrations
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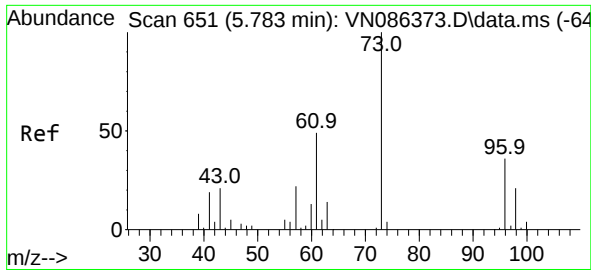
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025



#18
 Methylene Chloride
 Concen: 21.197 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN086535.D
 Acq: 07 May 2025 15:09

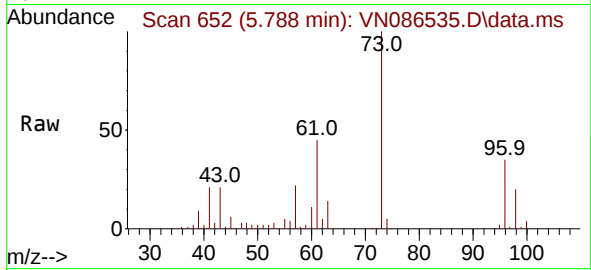
Tgt Ion: 84 Resp: 82960
 Ion Ratio Lower Upper
 84 100
 49 106.6 95.4 143.0
 51 32.0 32.8 49.2#
 86 62.8 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 20.498 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

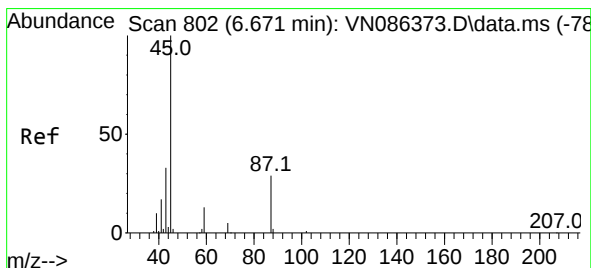
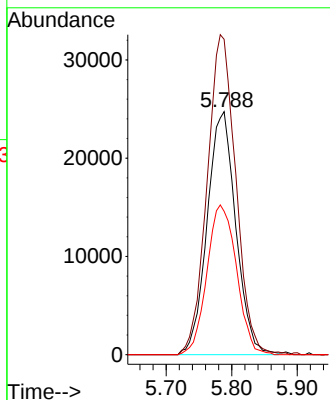
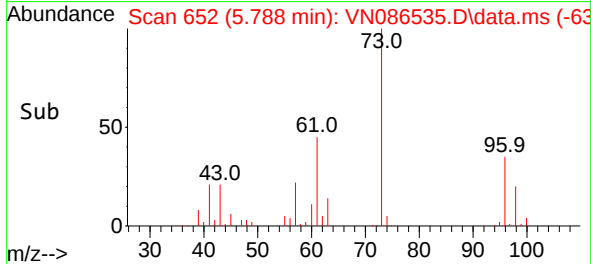
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 96 Resp: 7508
Ion Ratio Lower Upper
96 100
61 129.7 107.3 160.9
98 59.0 46.7 70.1

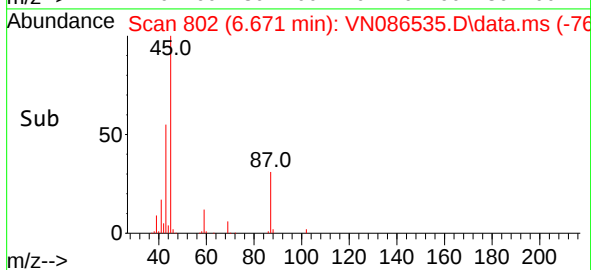
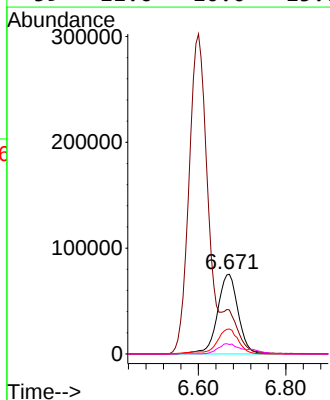
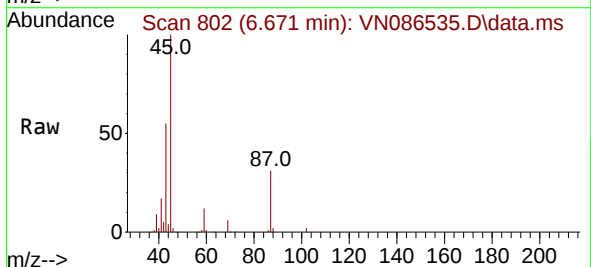
Manual Integrations
APPROVED

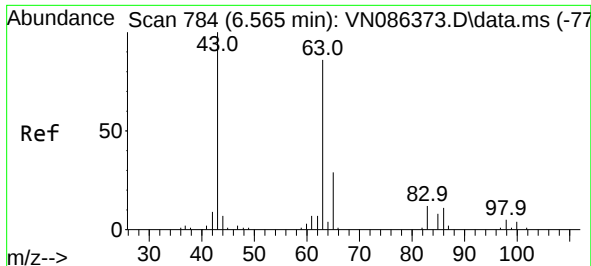
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#20
Diisopropyl ether
Concen: 18.825 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

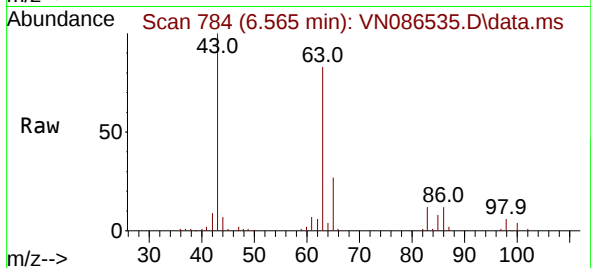
Tgt Ion: 45 Resp: 245961
Ion Ratio Lower Upper
45 100
43 54.3 38.8 58.2
87 31.5 23.5 35.3
59 11.6 10.0 15.0





#21
1,1-Dichloroethane
Concen: 19.598 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

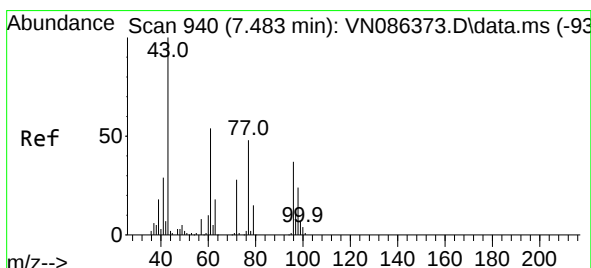
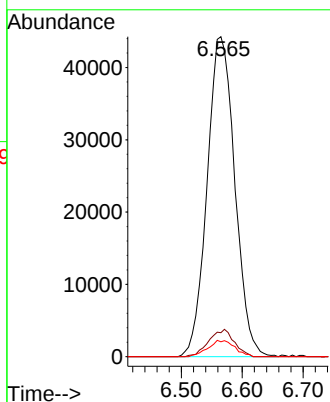
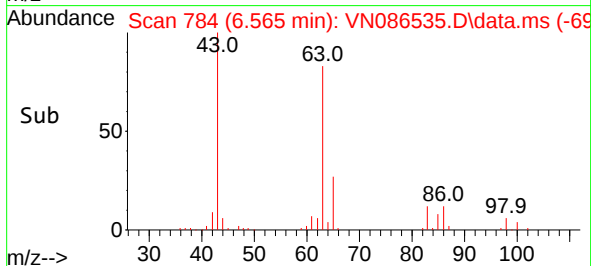
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 63 Resp: 140160
Ion Ratio Lower Upper
63 100
98 7.5 3.0 9.2
100 4.6 2.3 6.8

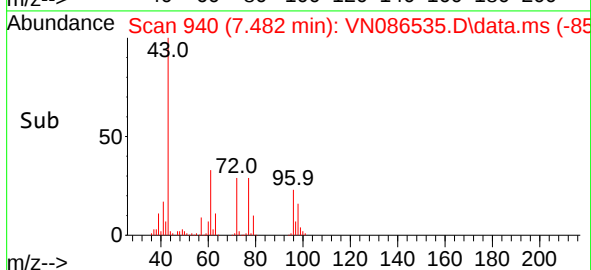
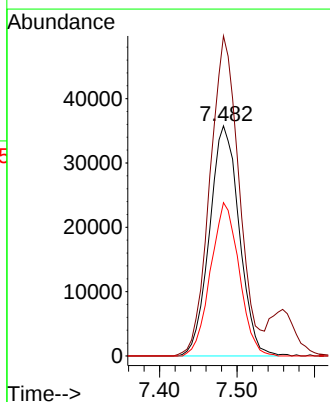
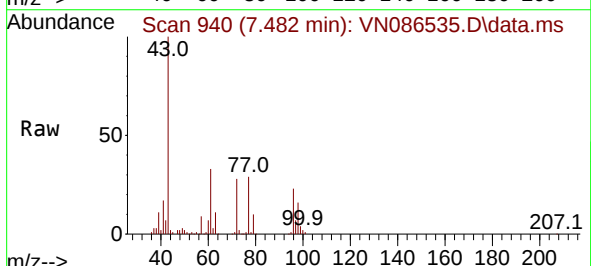
Manual Integrations
APPROVED

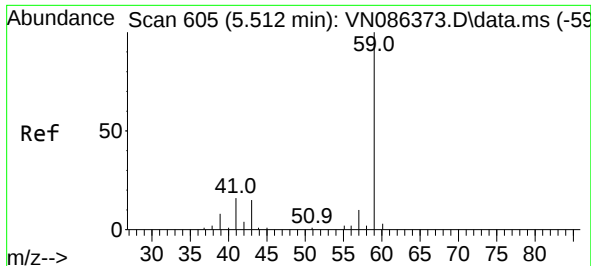
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#22
cis-1,2-Dichloroethene
Concen: 20.803 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Tgt Ion: 96 Resp: 95283
Ion Ratio Lower Upper
96 100
61 137.0 120.6 181.0
98 64.2 51.8 77.6





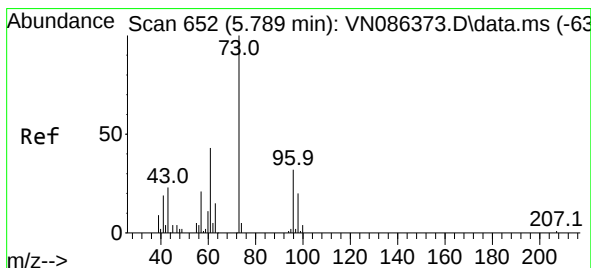
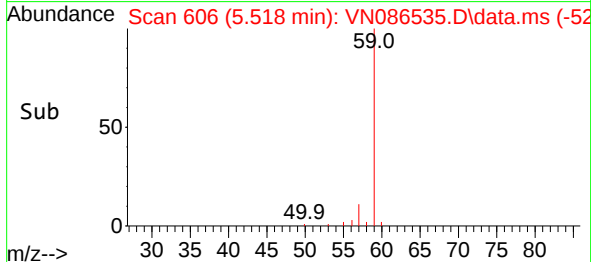
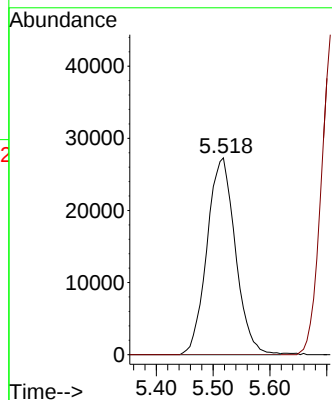
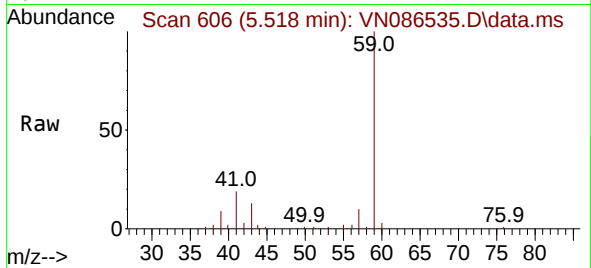
#23
tert-Butyl Alcohol
Concen: 134.776 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion: 59 Resp: 9465
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

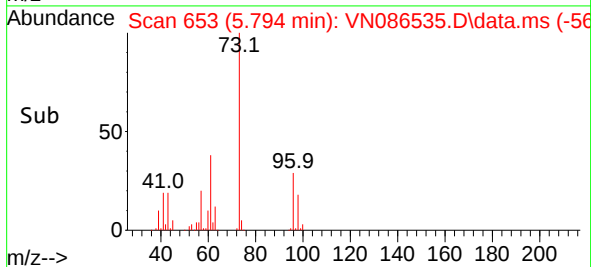
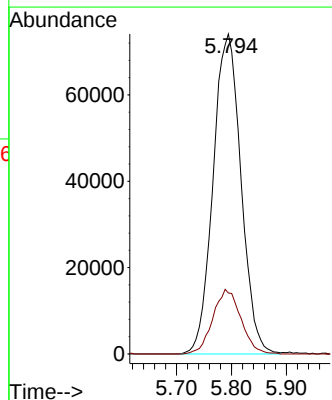
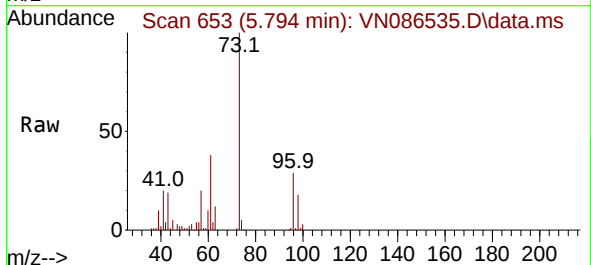
Manual Integrations
APPROVED

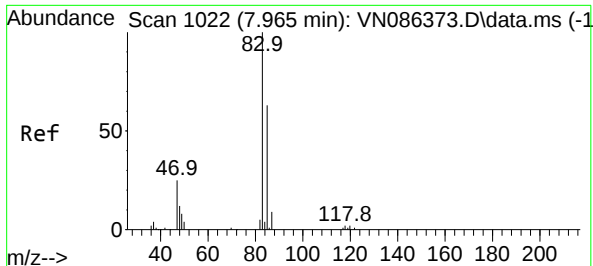
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#24
Methyl tert-Butyl Ether
Concen: 20.585 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

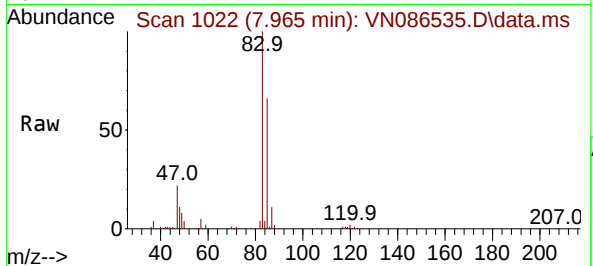
Tgt Ion: 73 Resp: 261371
Ion Ratio Lower Upper
73 100
43 20.3 17.1 25.7





#25
Chloroform
Concen: 21.361 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

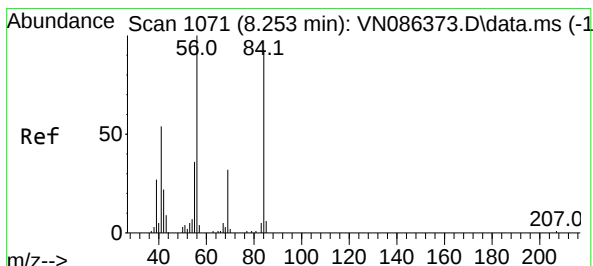
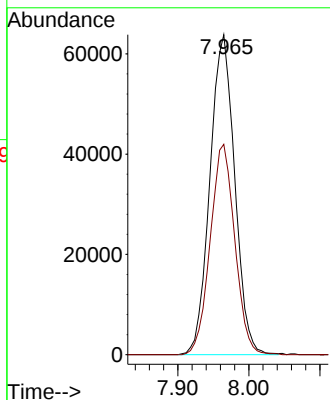
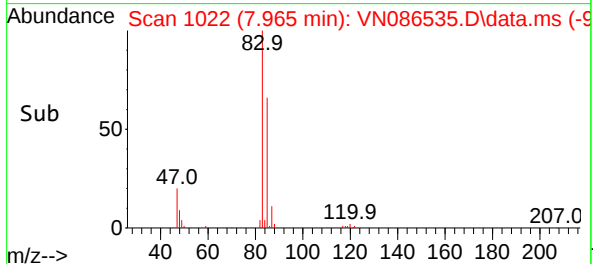
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD



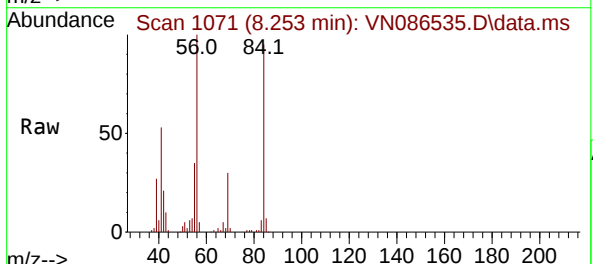
Tgt Ion: 83 Resp: 15461
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.2

Manual Integrations
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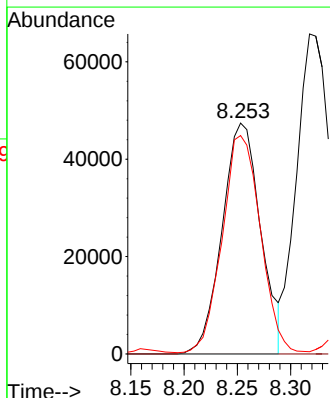
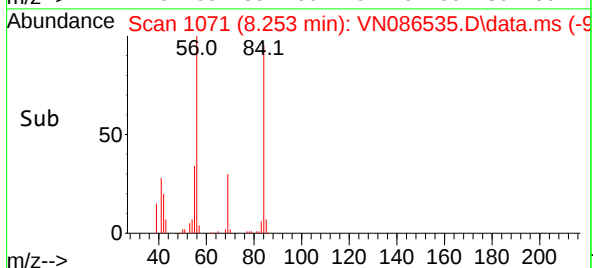
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

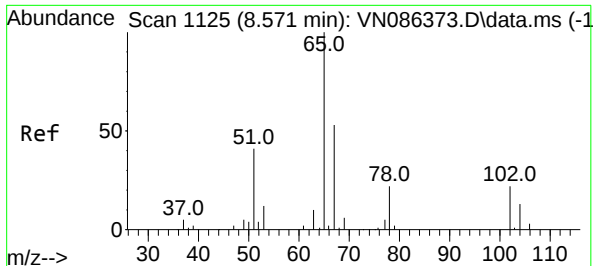


#26
Cyclohexane
Concen: 18.881 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09



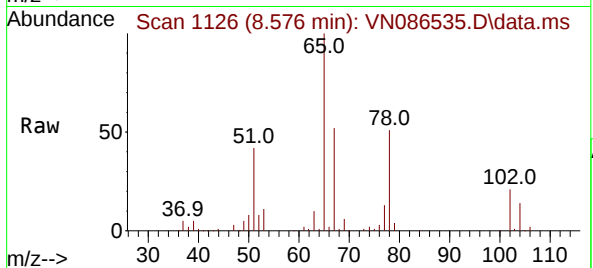
Tgt Ion: 56 Resp: 119231
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 94.9 71.5 107.3





#27
1,2-Dichloroethane-d4
Concen: 27.951 ug/l
RT: 8.576 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

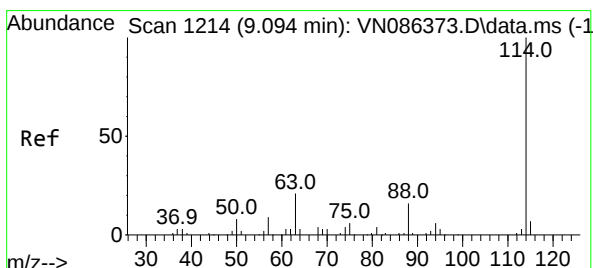
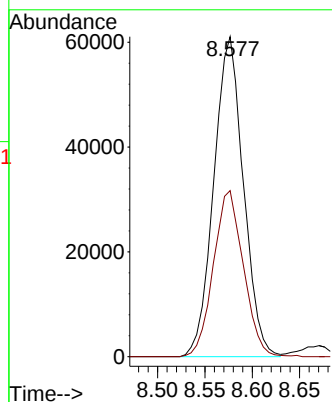
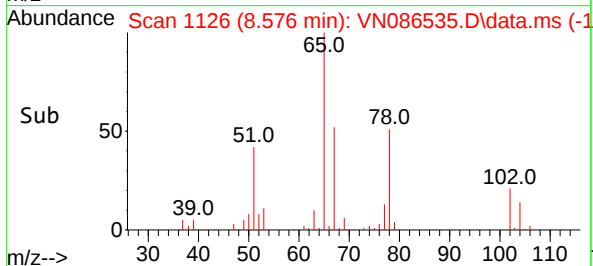
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



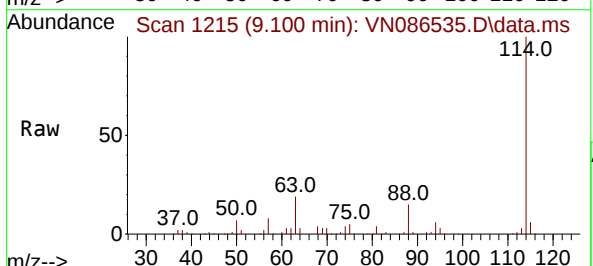
Tgt Ion: 65 Resp: 132752
Ion Ratio Lower Upper
65 100
67 52.5 42.5 63.7

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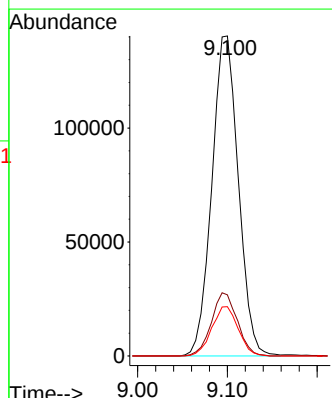
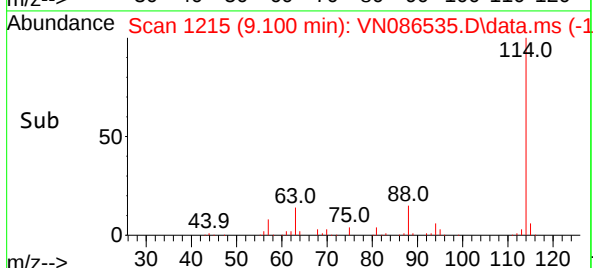
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

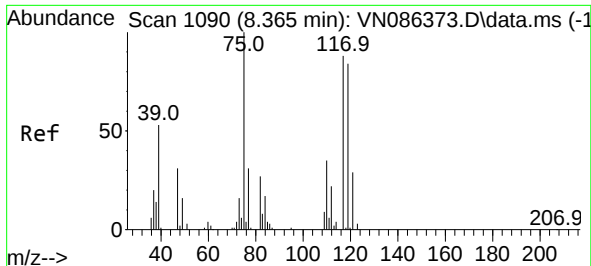


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09



Tgt Ion:114 Resp: 288210
Ion Ratio Lower Upper
114 100
63 19.3 16.7 25.1
88 15.4 12.6 19.0





#29

1,1-Dichloropropene

Concen: 20.261 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN086535.D

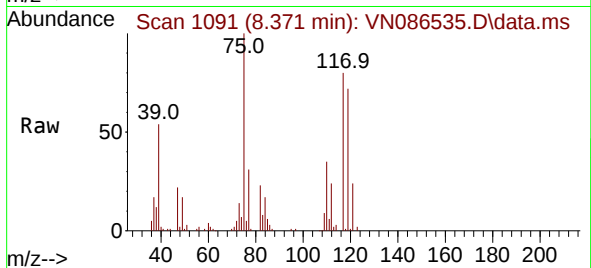
Acq: 07 May 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(MAY)MSD



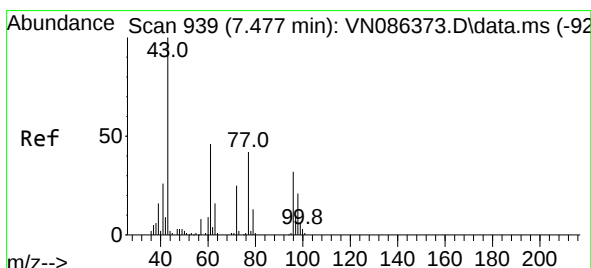
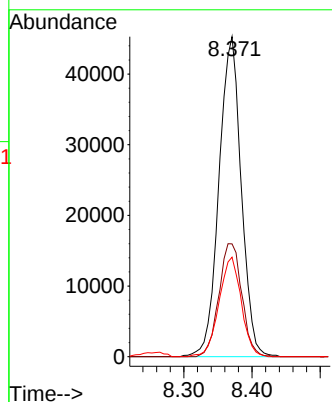
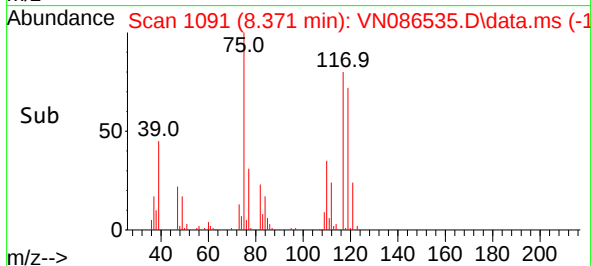
Tgt Ion: 75	Resp: 10294
Ion Ratio	Lower Upper
75 100	
110 36.4	0.0 68.0
77 31.1	0.0 61.4

Manual Integrations

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Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#30

2-Butanone

Concen: 161.901 ug/l

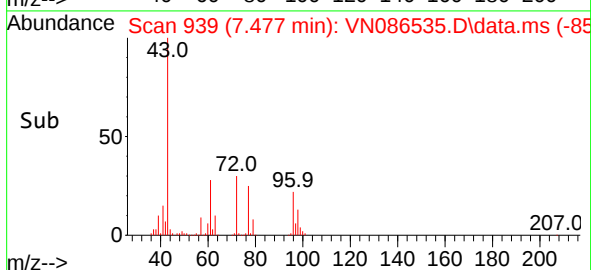
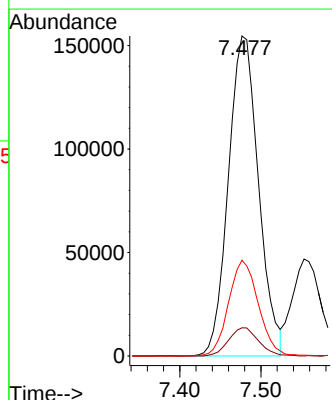
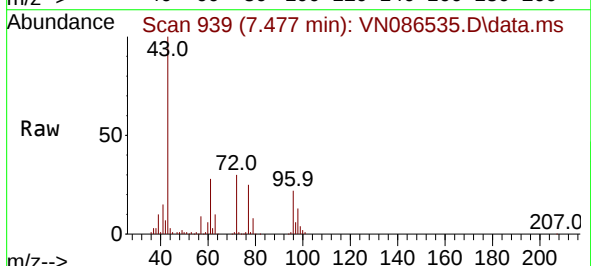
RT: 7.477 min Scan# 939

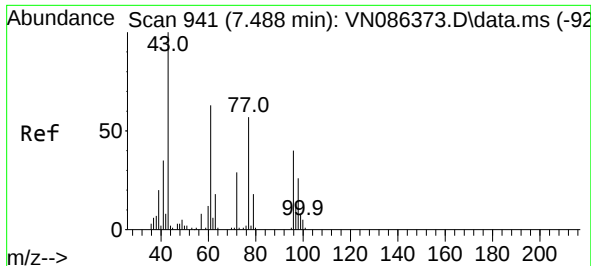
Delta R.T. -0.000 min

Lab File: VN086535.D

Acq: 07 May 2025 15:09

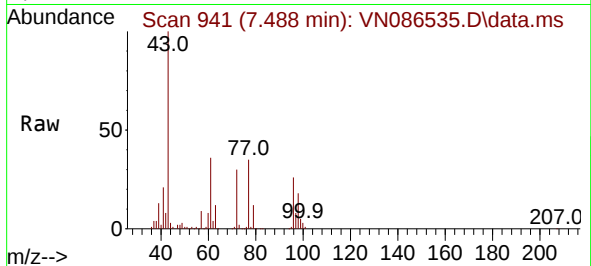
Tgt Ion: 43	Resp: 399267
Ion Ratio	Lower Upper
43 100	
57 8.8	6.6 10.0
72 29.5	22.2 33.4





#31
2,2-Dichloropropane
Concen: 20.010 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

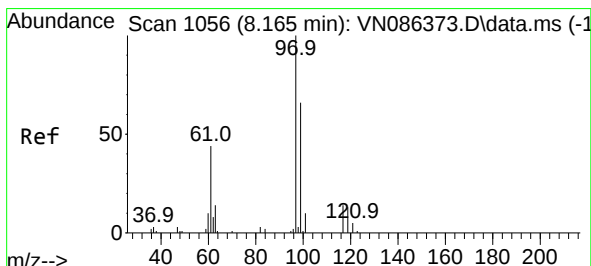
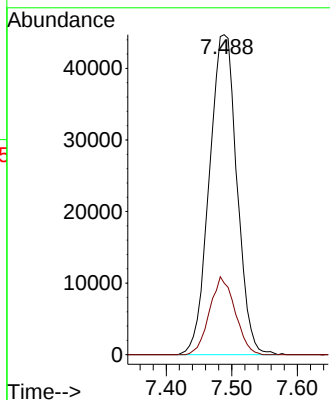
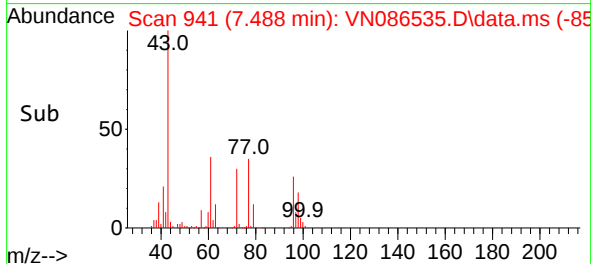
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD



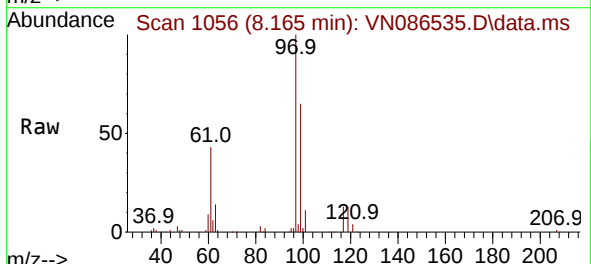
Tgt Ion: 77 Resp: 130692
Ion Ratio Lower Upper
77 100
97 22.5 18.2 27.2

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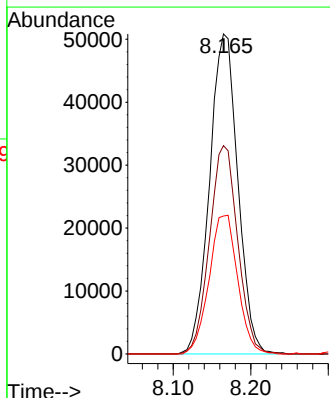
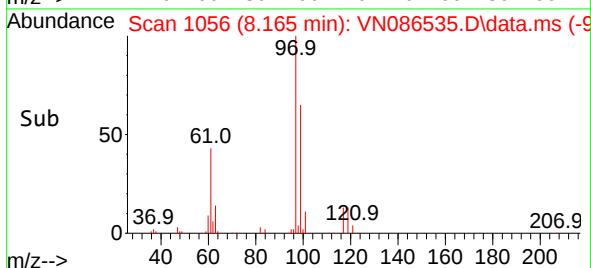
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

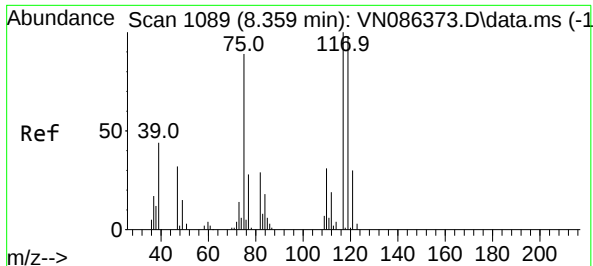


#32
1,1,1-Trichloroethane
Concen: 21.276 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09



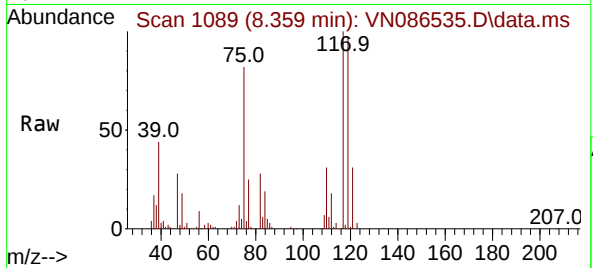
Tgt Ion: 97 Resp: 129176
Ion Ratio Lower Upper
97 100
99 64.9 52.6 79.0
61 43.8 36.4 54.6





#33
Carbon Tetrachloride
Concen: 22.162 ug/l
RT: 8.359 min Scan# 11076
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

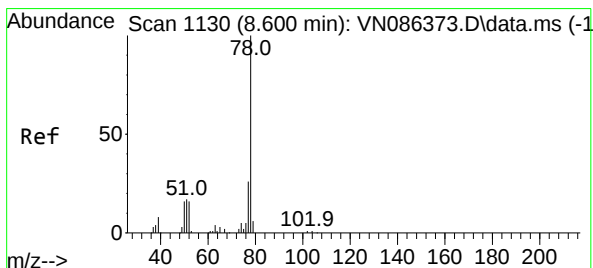
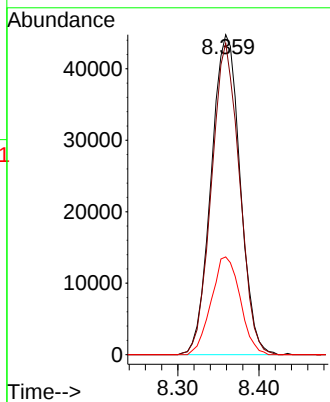
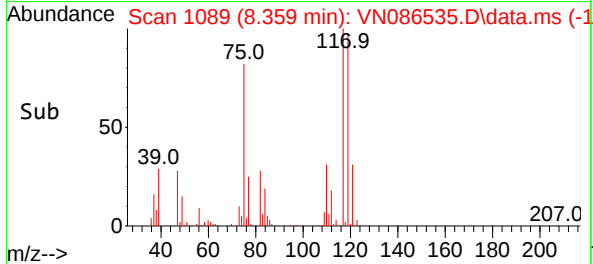
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion:117 Resp: 11076
Ion Ratio Lower Upper
117 100
119 97.4 78.6 117.8
121 30.6 24.0 36.0

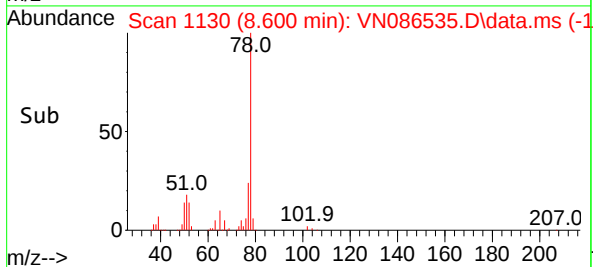
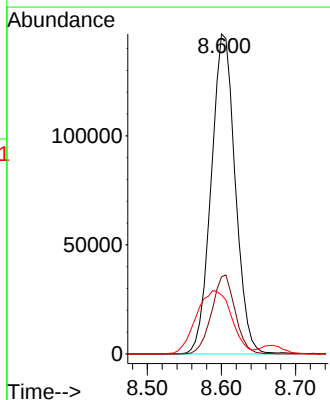
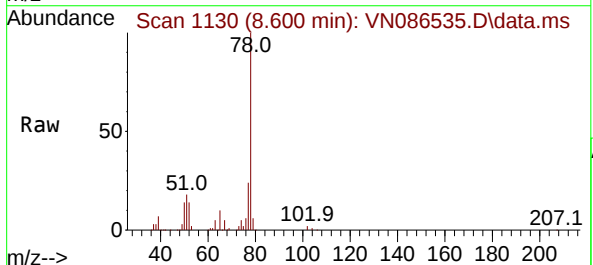
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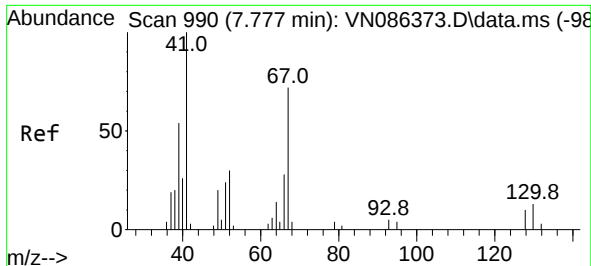
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#34
Benzene
Concen: 20.439 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Tgt Ion: 78 Resp: 330309
Ion Ratio Lower Upper
78 100
77 24.1 20.8 31.2
51 17.5 14.0 21.0





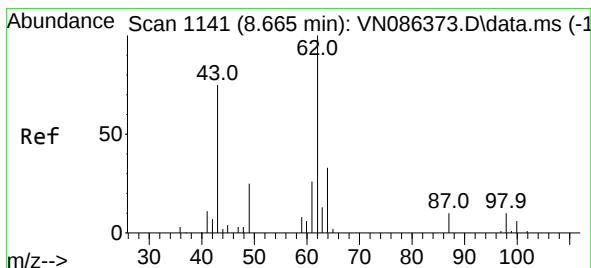
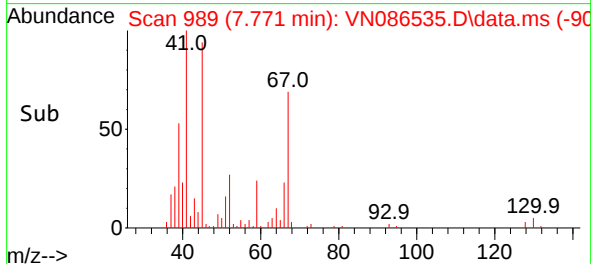
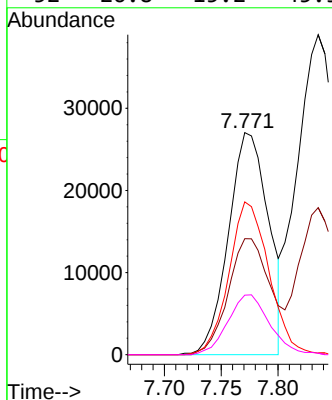
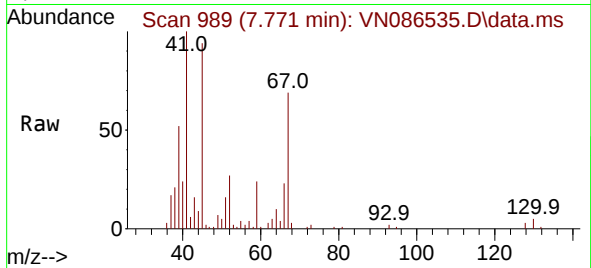
#35
Methacrylonitrile
Concen: 23.572 ug/l
RT: 7.771 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion: 41 Resp: 66312
Ion Ratio Lower Upper
41 100
39 52.2 27.0 80.8
67 68.8 35.8 107.3
52 26.8 15.2 45.5

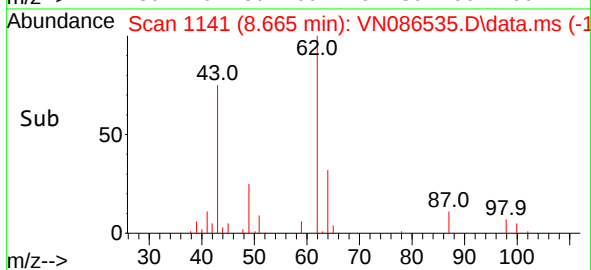
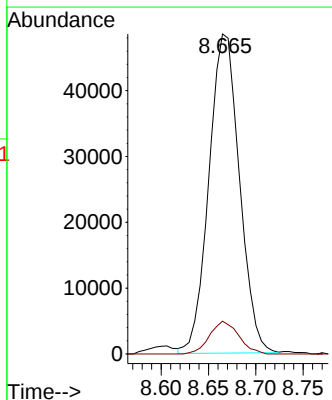
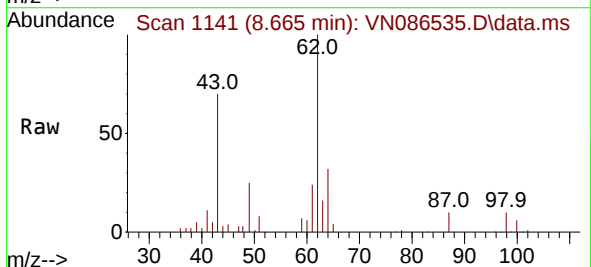
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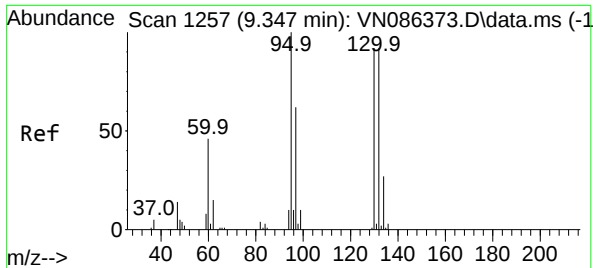
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#36
1,2-Dichloroethane
Concen: 20.741 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Tgt Ion: 62 Resp: 108822
Ion Ratio Lower Upper
62 100
98 9.8 7.6 11.4





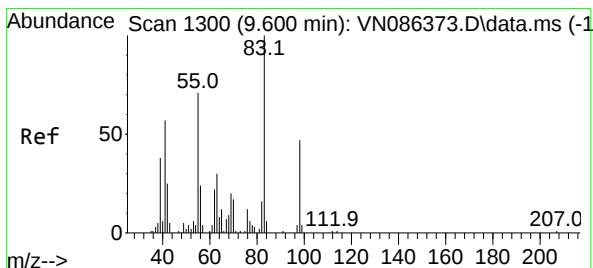
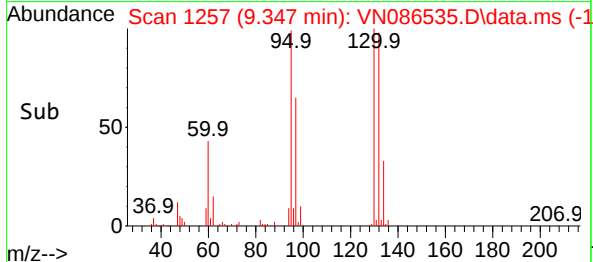
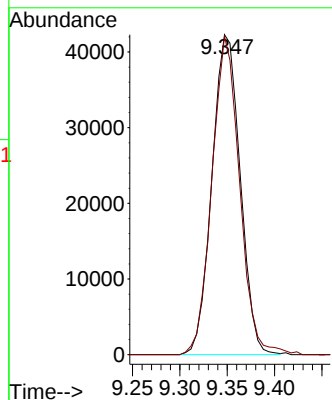
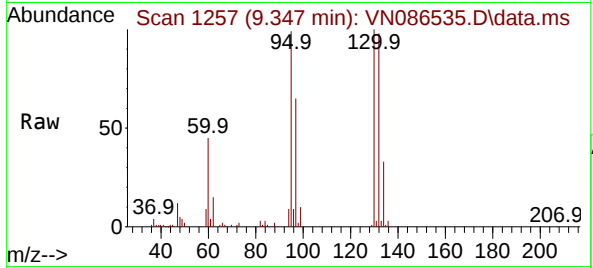
#37
Trichloroethene
Concen: 21.659 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion:130 Resp: 87624
Ion Ratio Lower Upper
130 100
95 99.5 86.6 130.0

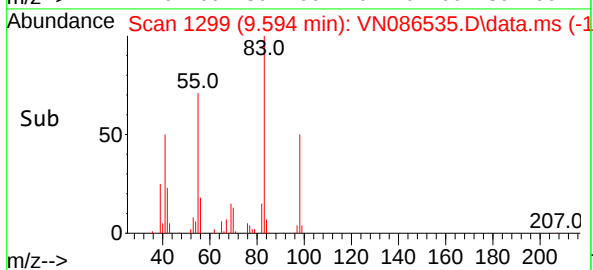
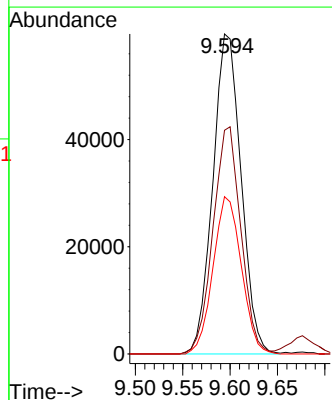
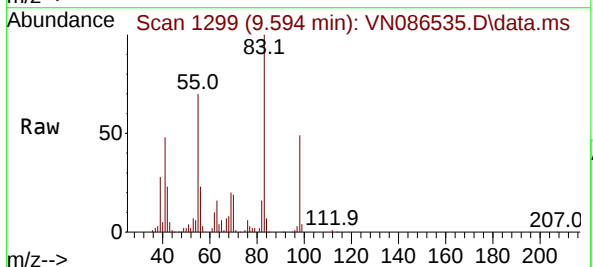
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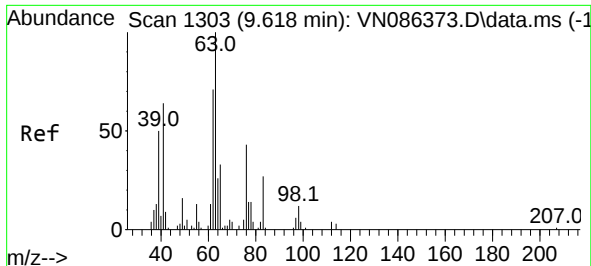
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#38
Methylcyclohexane
Concen: 21.107 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

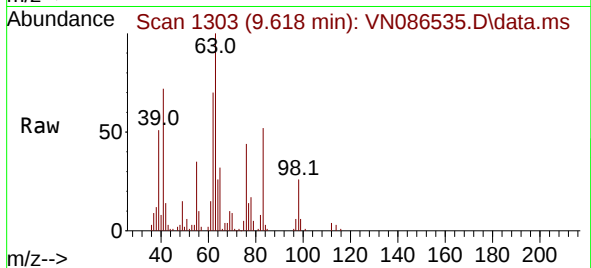
Tgt Ion: 83 Resp: 123858
Ion Ratio Lower Upper
83 100
55 69.9 37.3 111.9
98 49.2 23.8 71.5





#39
1,2-Dichloropropane
Concen: 19.749 ug/l
RT: 9.618 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

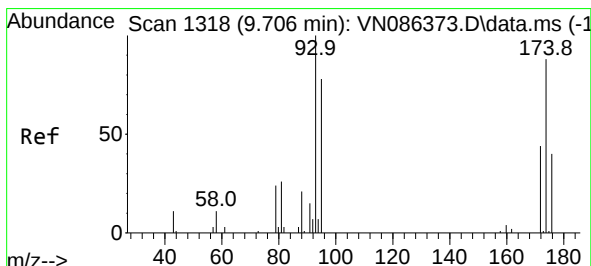
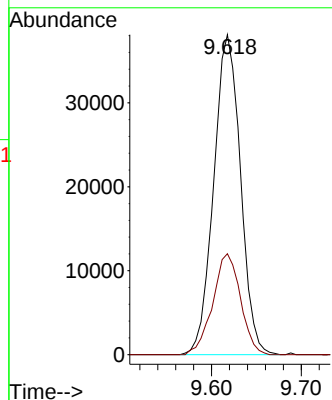
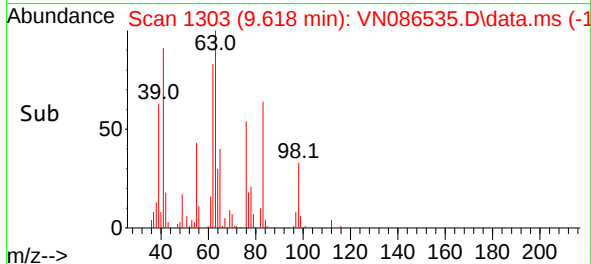
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 63 Resp: 7884
Ion Ratio Lower Upper
63 100
65 31.5 26.7 40.1

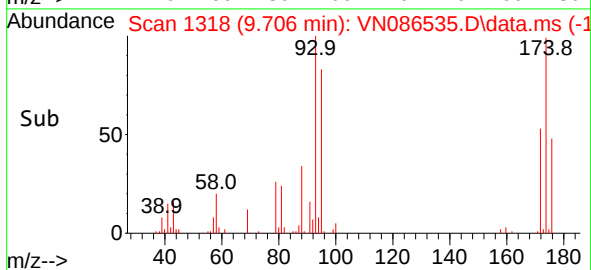
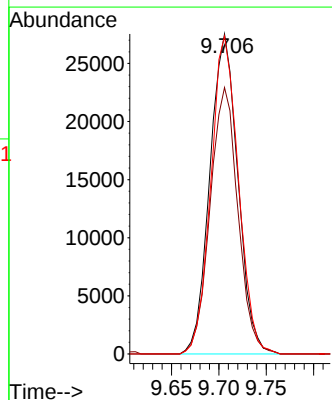
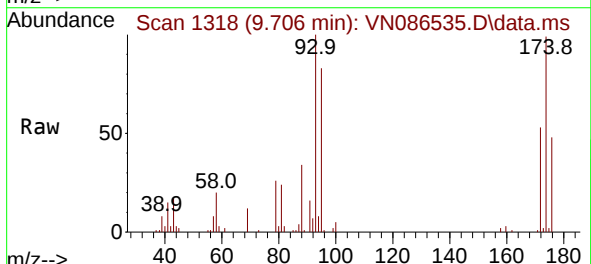
Manual Integrations
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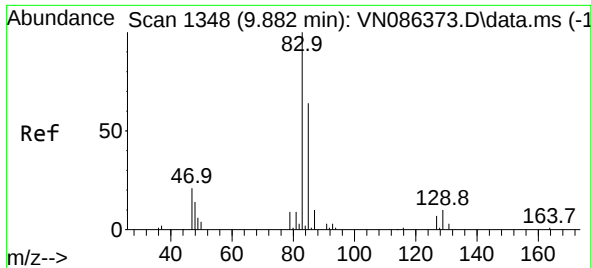
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#40
Dibromomethane
Concen: 21.225 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

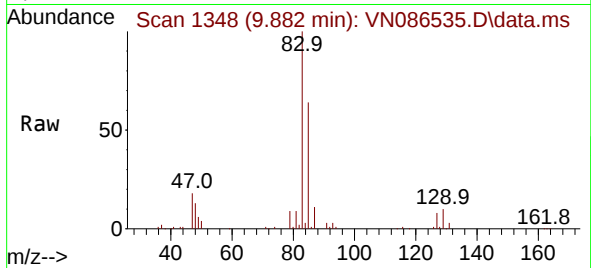
Tgt Ion: 93 Resp: 56667
Ion Ratio Lower Upper
93 100
95 82.7 0.0 159.2
174 97.6 0.0 171.4





#41
Bromodichloromethane
Concen: 21.059 ug/l
RT: 9.882 min Scan# 118980
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

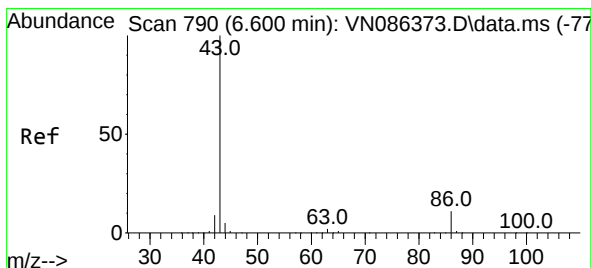
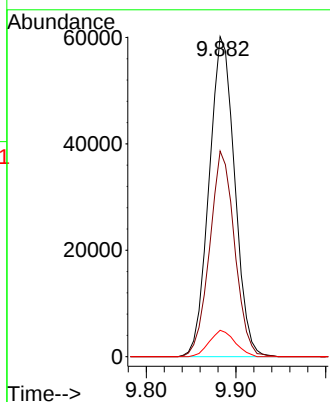
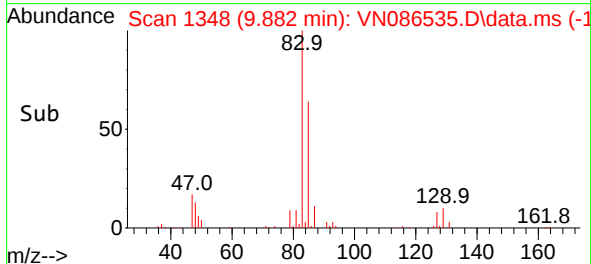
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 83 Resp: 118980
Ion Ratio Lower Upper
83 100
85 64.3 51.1 76.7
127 8.3 5.9 8.9

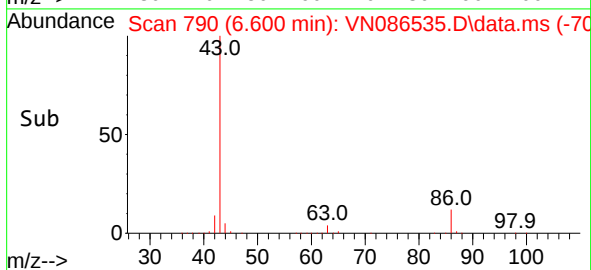
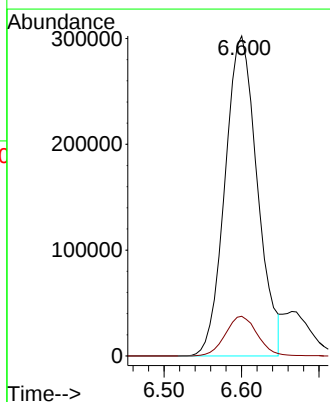
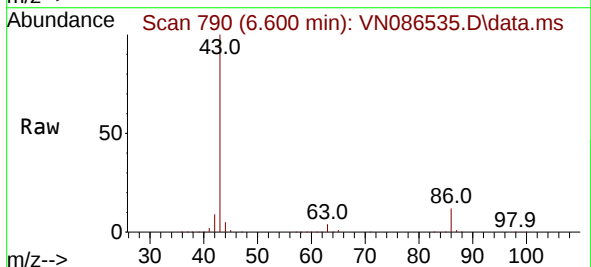
Manual Integrations
APPROVED

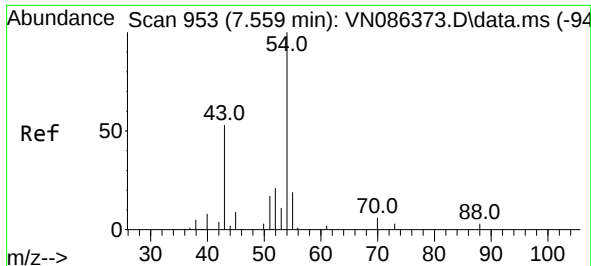
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#42
Vinyl Acetate
Concen: 102.839 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

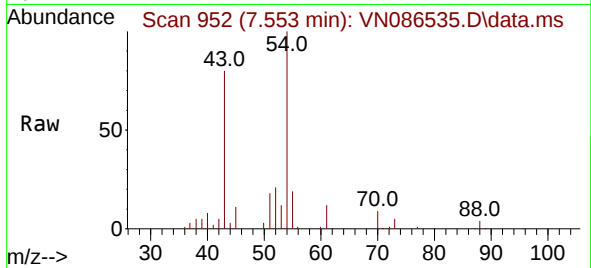
Tgt Ion: 43 Resp: 878546
Ion Ratio Lower Upper
43 100
86 12.3 8.9 13.3





#43
Ethyl Acetate
Concen: 24.598 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

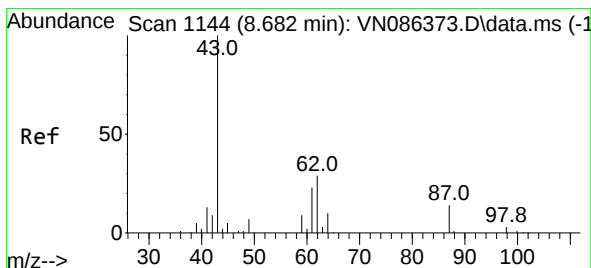
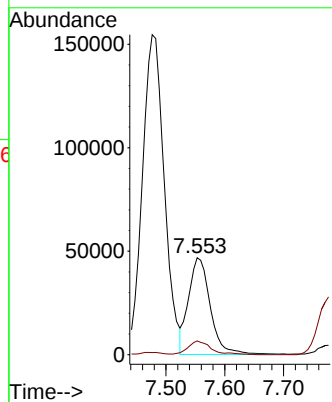
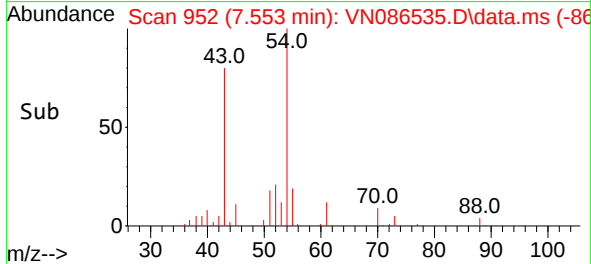
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 43 Resp: 120049
Ion Ratio Lower Upper
43 100
45 12.7 11.4 17.2

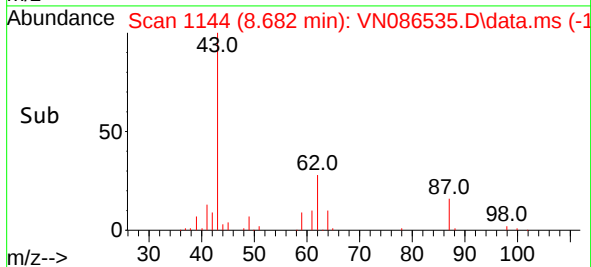
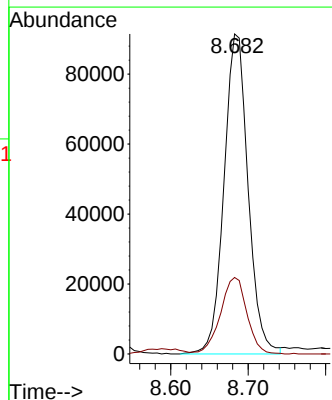
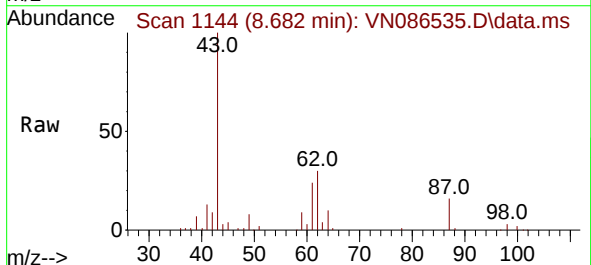
Manual Integrations
APPROVED

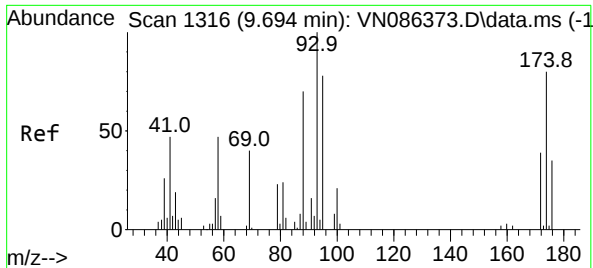
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#44
Isopropyl Acetate
Concen: 21.371 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Tgt Ion: 43 Resp: 197948
Ion Ratio Lower Upper
43 100
61 26.1 21.0 31.4





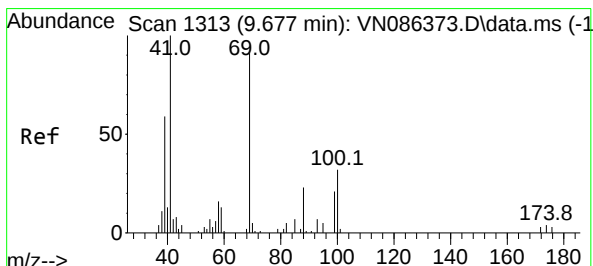
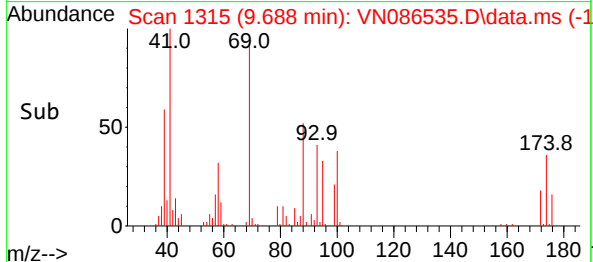
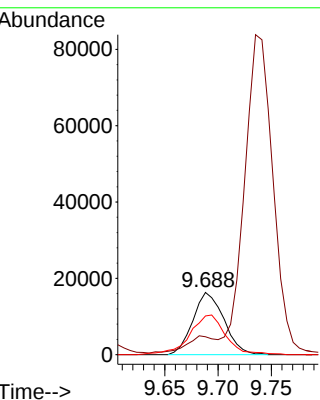
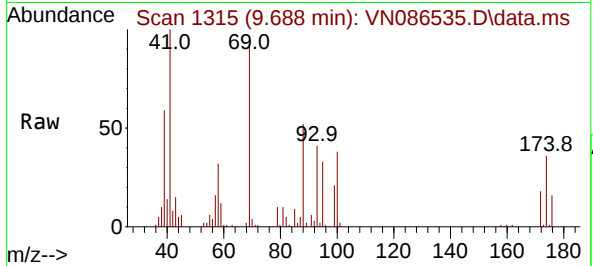
#45
1,4-Dioxane
Concen: 458.882 ug/l
RT: 9.688 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion: 88 Resp: 3316
Ion Ratio Lower Upper
88 100
43 28.0 24.9 37.3
58 73.2 57.8 86.8

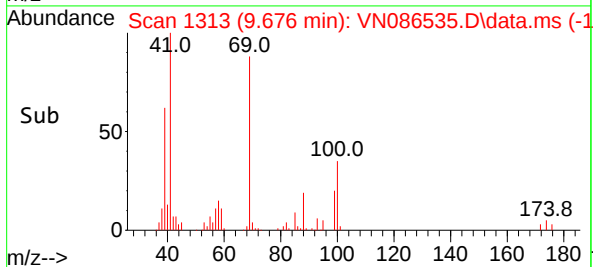
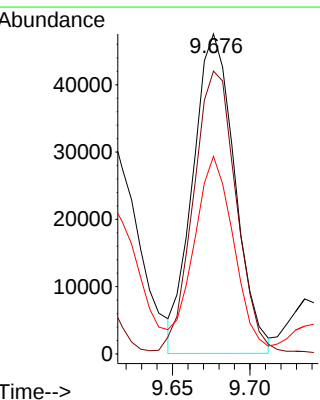
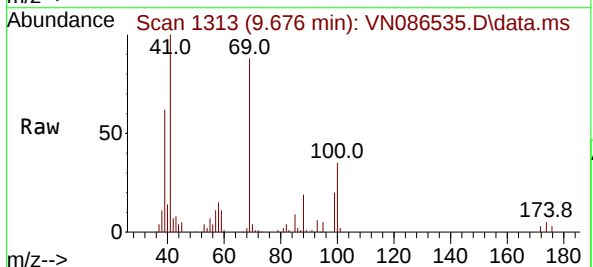
Manual Integrations
APPROVED

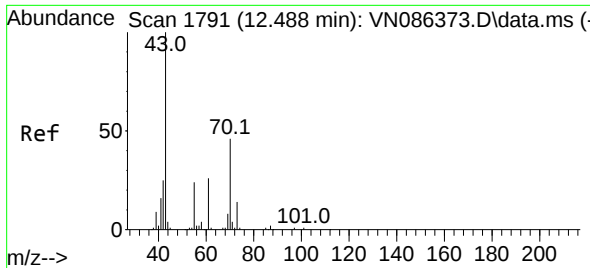
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#46
Methyl methacrylate
Concen: 20.900 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

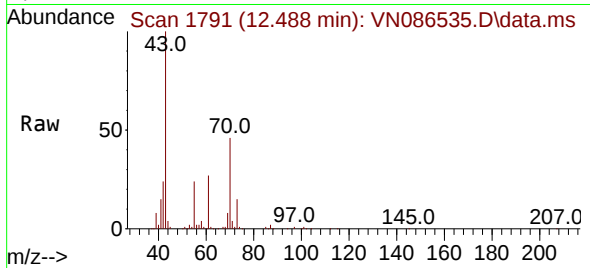
Tgt Ion: 41 Resp: 89298
Ion Ratio Lower Upper
41 100
69 89.7 44.1 132.3
39 62.4 30.0 90.1





#47
n-amy1 Acetate
Concen: 26.115 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

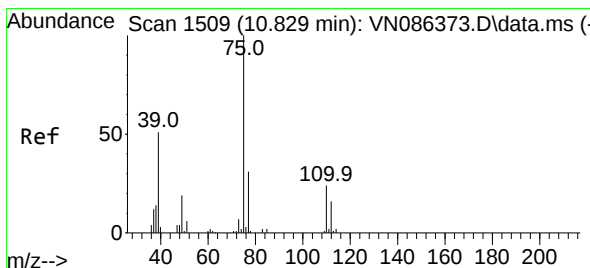
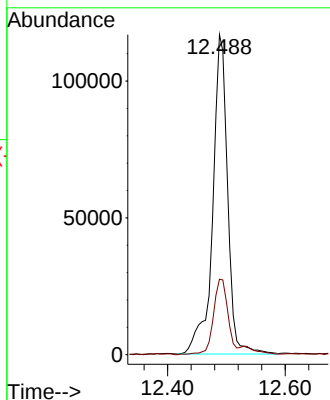
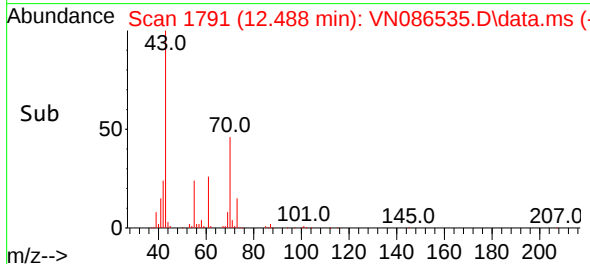
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 43 Resp: 206170
Ion Ratio Lower Upper
43 100
55 22.6 19.4 29.0

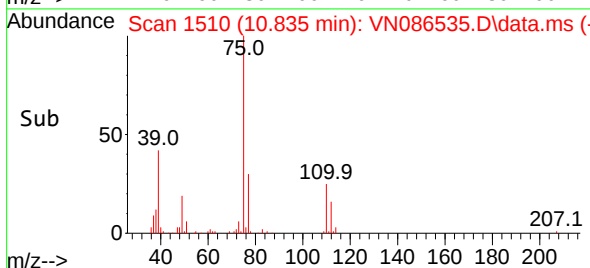
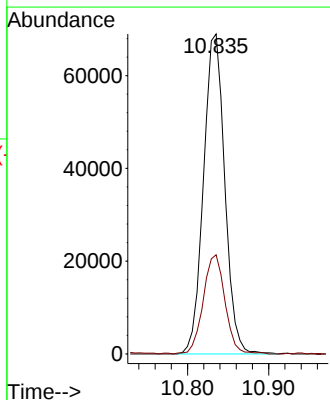
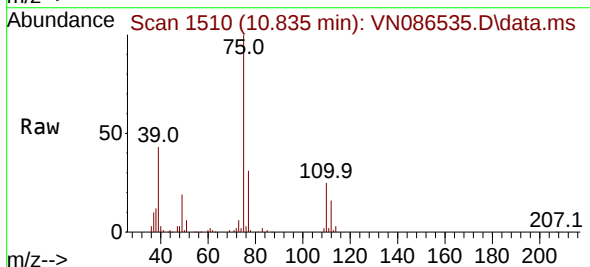
Manual Integrations
APPROVED

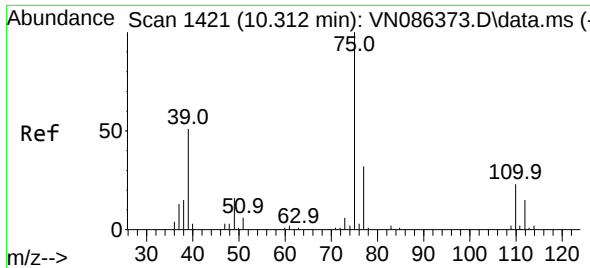
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#48
t-1,3-Dichloropropene
Concen: 19.853 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

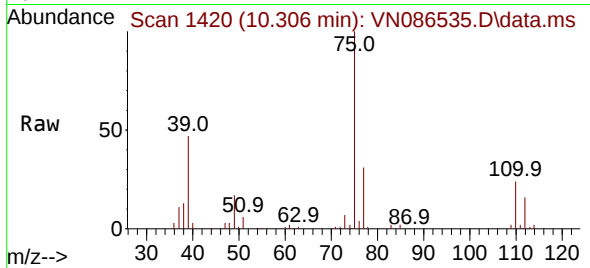
Tgt Ion: 75 Resp: 125402
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6





#49
 cis-1,3-Dichloropropene
 Concen: 19.494 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086535.D
 Acq: 07 May 2025 15:09

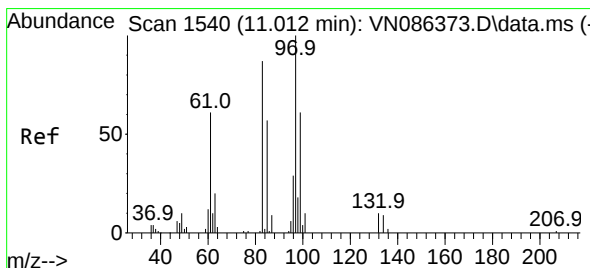
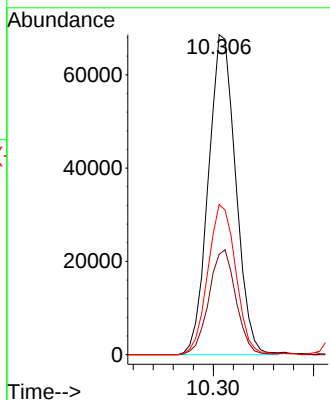
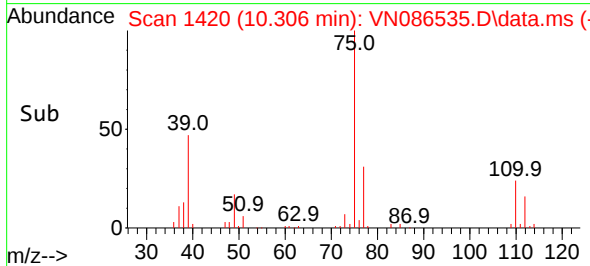
Instrument : MSVOA_N
 ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 75 Resp: 129852
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4
 39 47.0 40.6 60.8

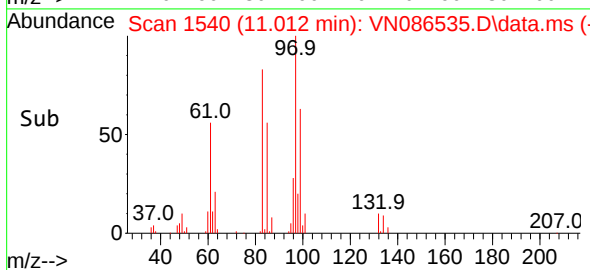
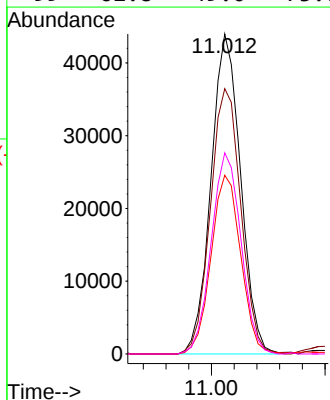
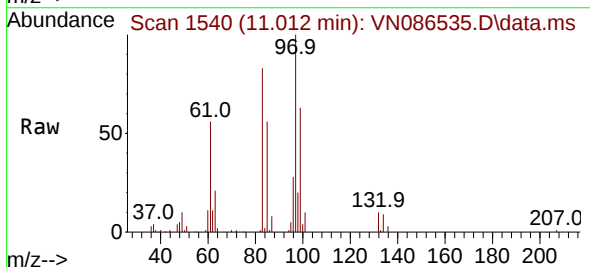
Manual Integrations
 APPROVED

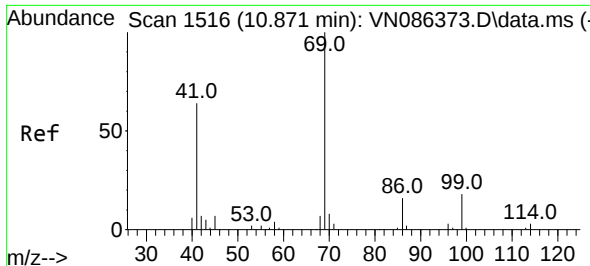
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025



#50
 1,1,2-Trichloroethane
 Concen: 21.342 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.000 min
 Lab File: VN086535.D
 Acq: 07 May 2025 15:09

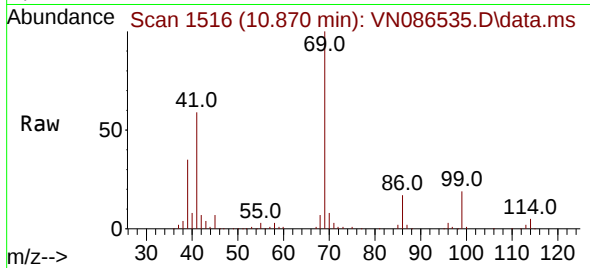
Tgt Ion: 97 Resp: 79591
 Ion Ratio Lower Upper
 97 100
 83 82.9 69.3 103.9
 85 55.8 45.5 68.3
 99 62.8 49.0 73.6





#51
Ethyl methacrylate
Concen: 21.730 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

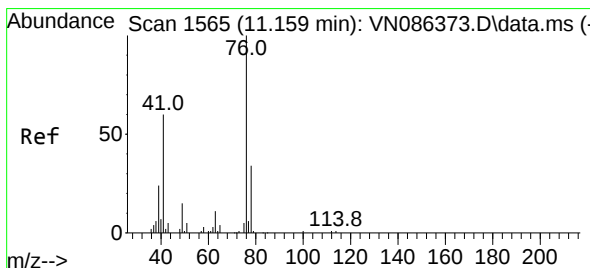
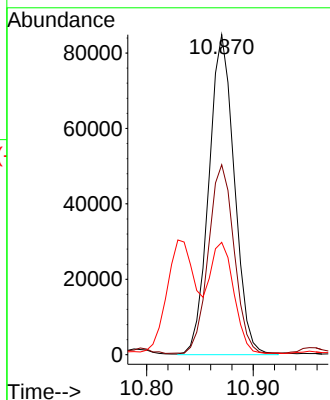
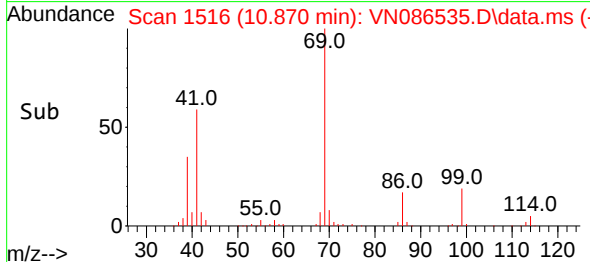
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 69 Resp: 141134
Ion Ratio Lower Upper
69 100
41 59.0 32.3 96.8
39 34.8 19.1 57.1

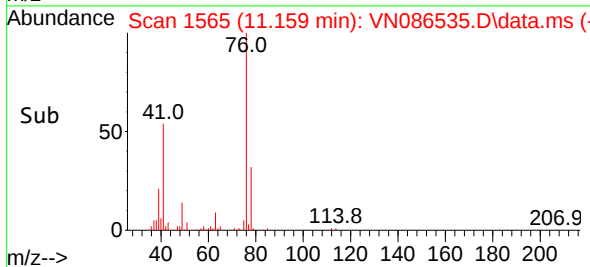
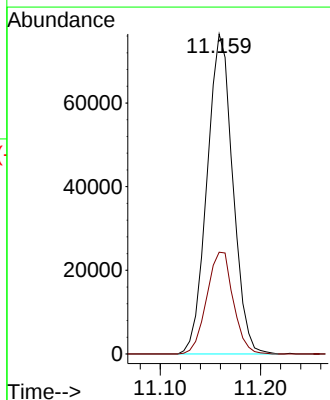
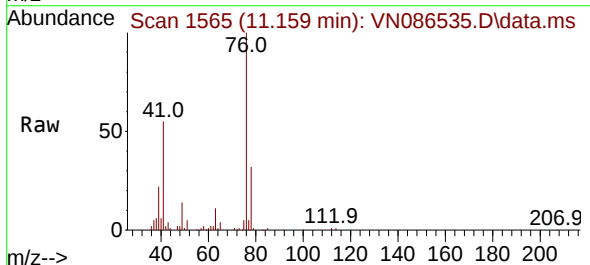
Manual Integrations
APPROVED

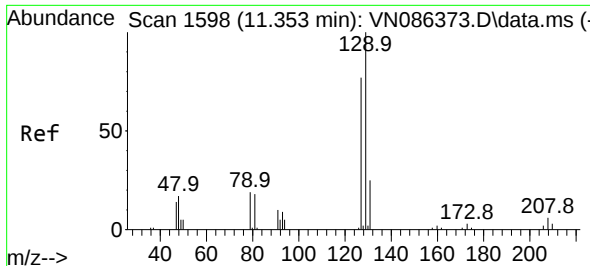
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#52
1,3-Dichloropropane
Concen: 20.699 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

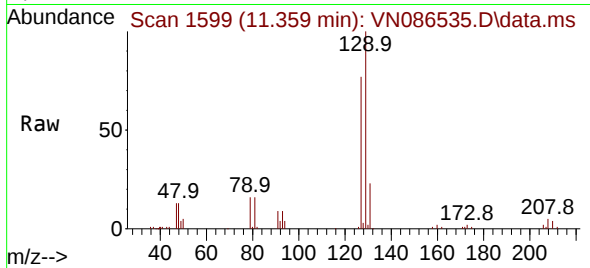
Tgt Ion: 76 Resp: 136425
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.6





#53
Dibromochloromethane
Concen: 21.959 ug/l
RT: 11.359 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

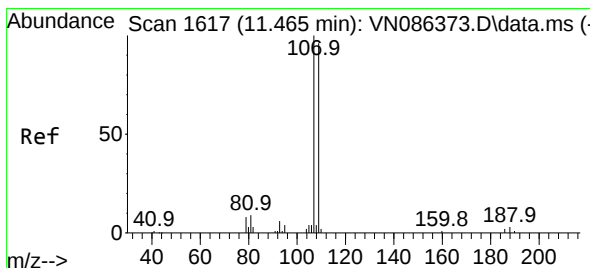
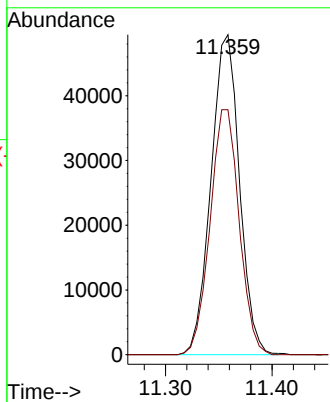
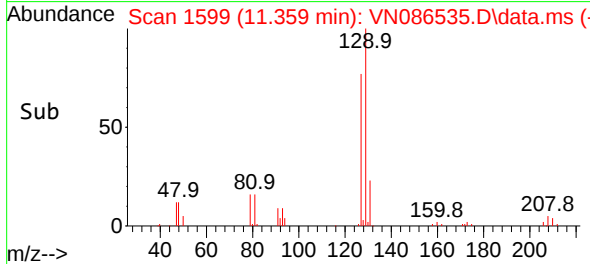
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion:129 Resp: 9195
Ion Ratio Lower Upper
129 100
127 78.0 38.8 116.3

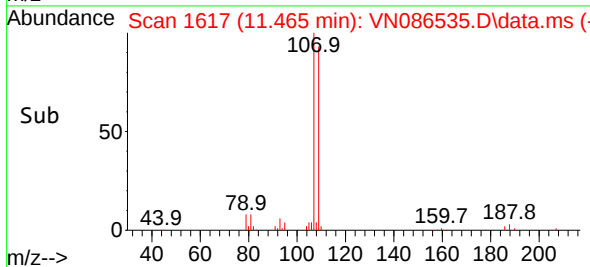
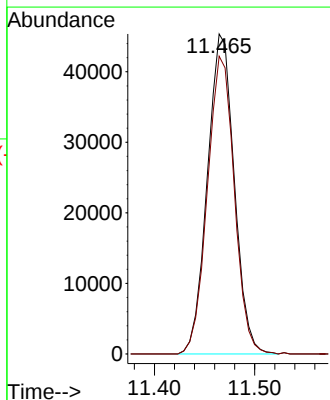
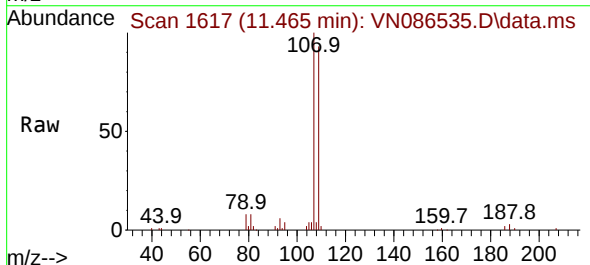
Manual Integrations
APPROVED

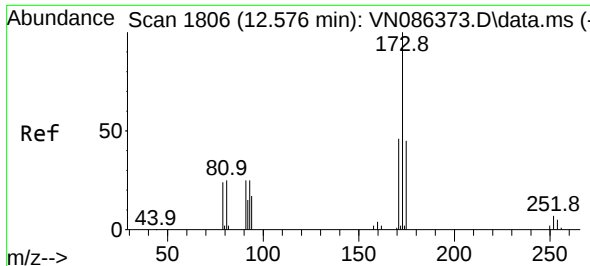
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#54
1,2-Dibromoethane
Concen: 22.253 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Tgt Ion:107 Resp: 84378
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.0





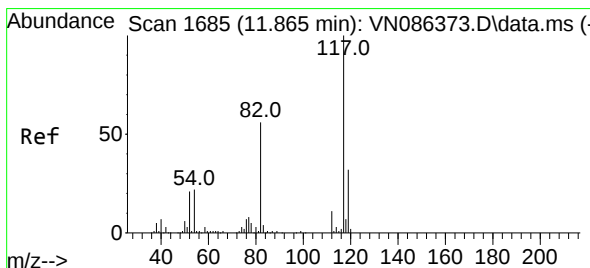
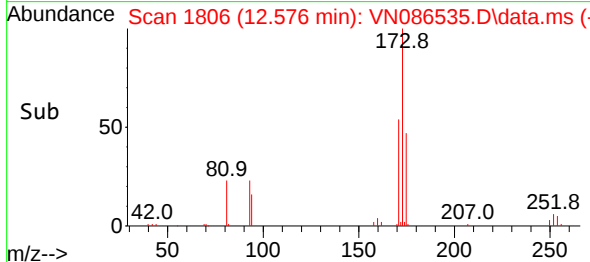
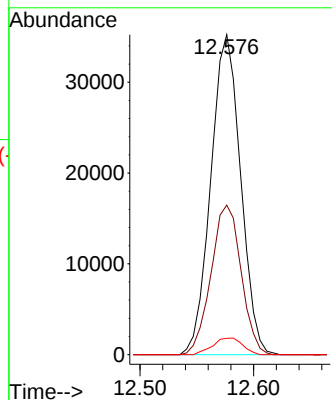
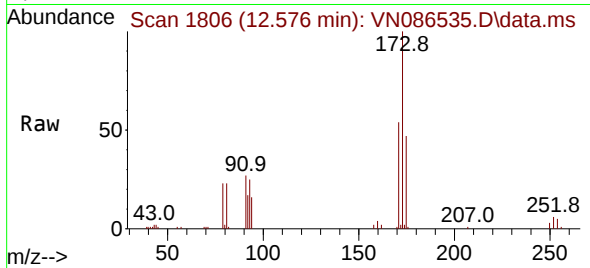
#56
Bromoform
Concen: 23.636 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion:173 Resp: 64227
Ion Ratio Lower Upper
173 100
175 47.2 39.0 58.6
254 5.2 3.8 5.6

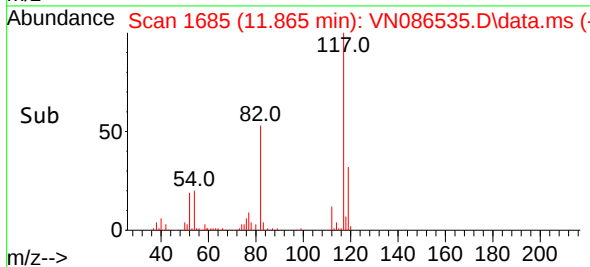
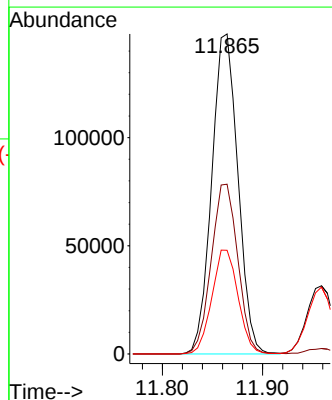
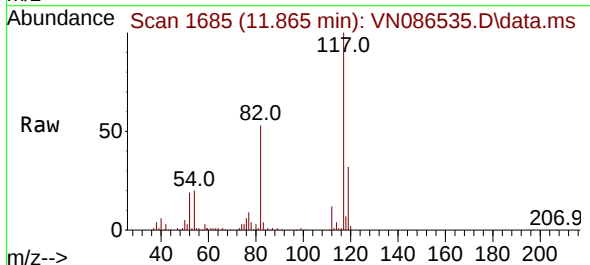
Manual Integrations
APPROVED

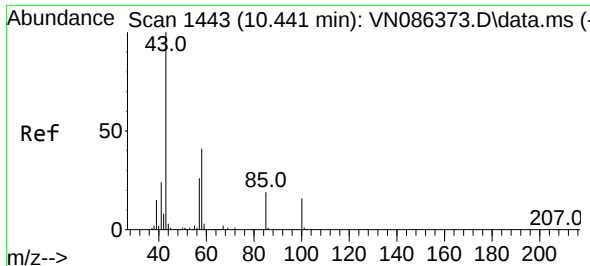
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

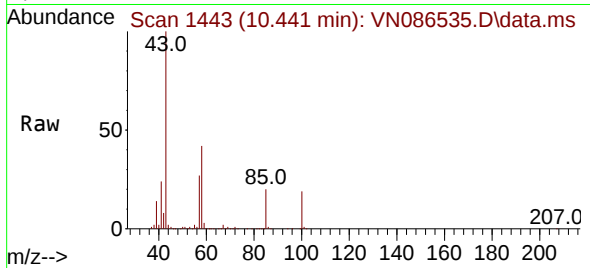
Tgt Ion:117 Resp: 268601
Ion Ratio Lower Upper
117 100
82 53.9 45.5 68.3
119 32.5 25.9 38.9





#58
4-Methyl-2-Pentanone
Concen: 118.644 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

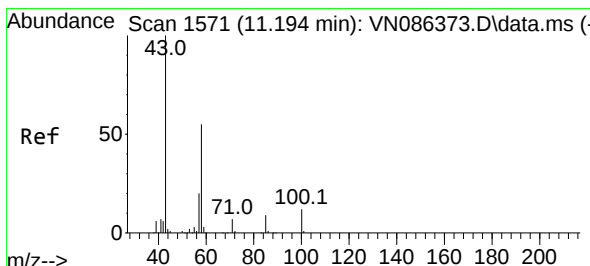
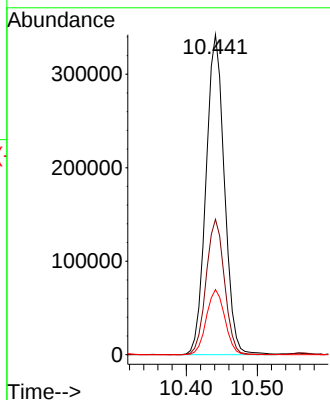
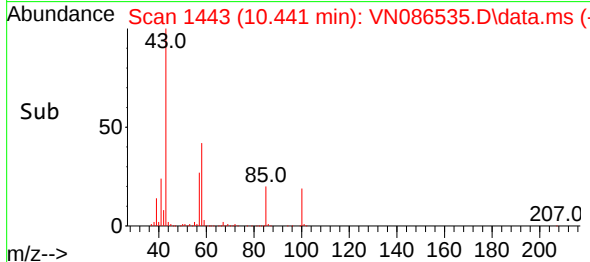
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 43 Resp: 616690
Ion Ratio Lower Upper
43 100
58 42.2 33.0 49.6
85 20.4 14.9 22.3

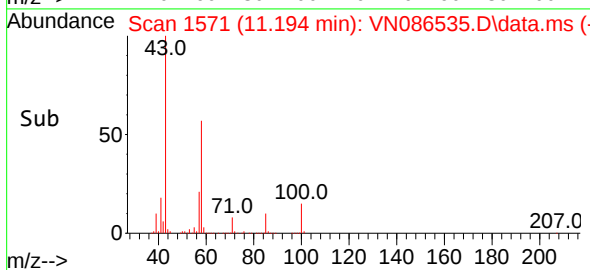
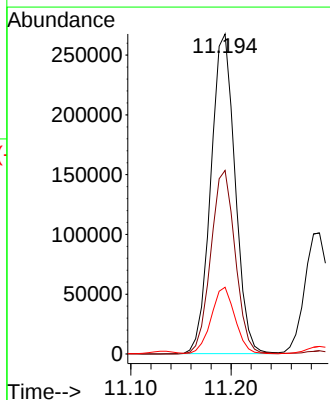
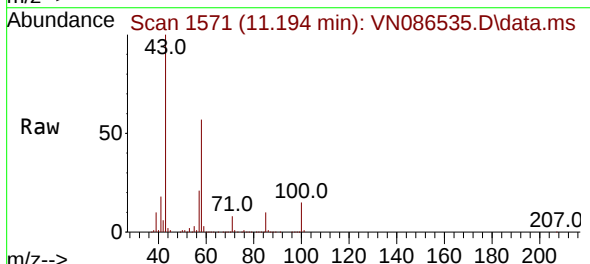
Manual Integrations
APPROVED

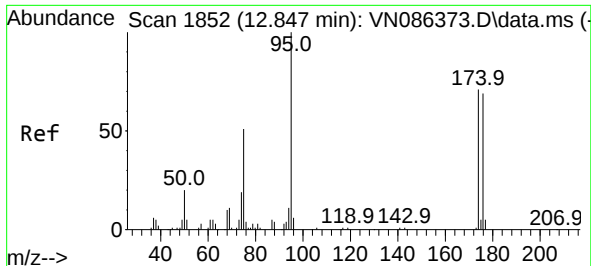
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#59
2-Hexanone
Concen: 117.294 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

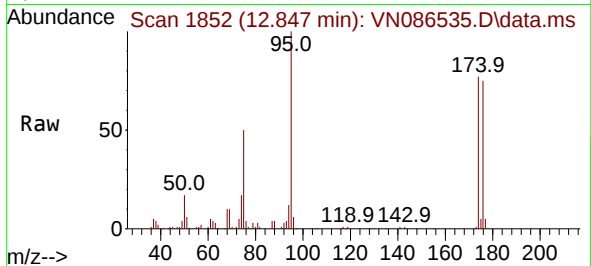
Tgt Ion: 43 Resp: 449282
Ion Ratio Lower Upper
43 100
58 57.9 45.0 67.6
57 20.7 15.5 23.3





#60
4-Bromofluorobenzene
Concen: 29.262 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

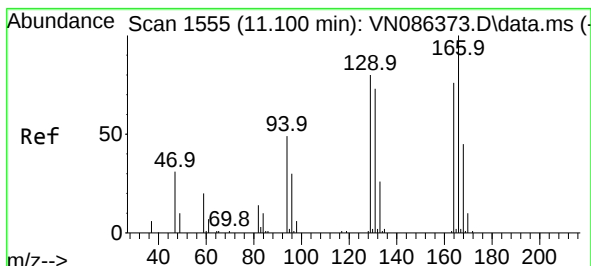
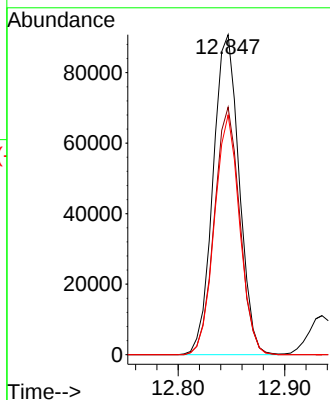
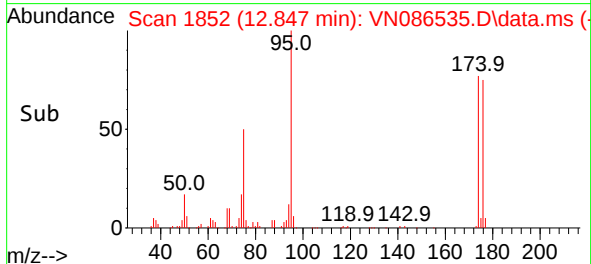
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 95 Resp: 15447
Ion Ratio Lower Upper
95 100
174 75.3 56.6 84.8
176 72.4 53.3 79.9

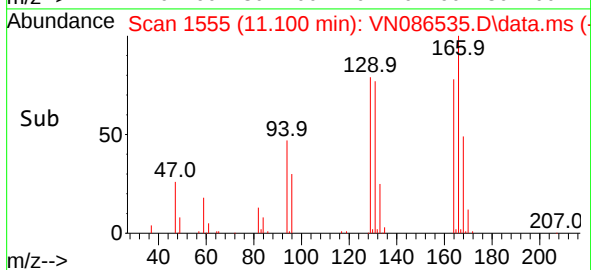
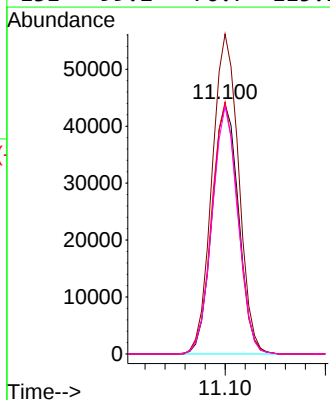
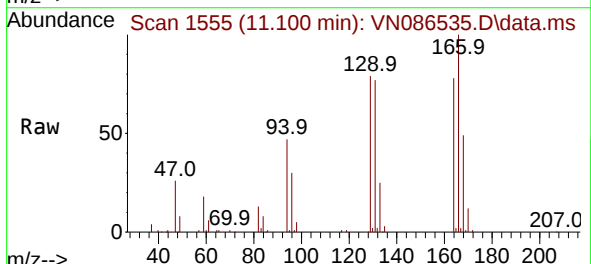
Manual Integrations
APPROVED

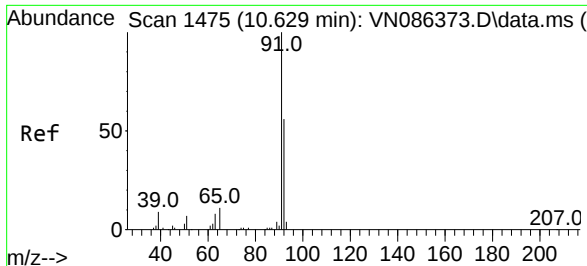
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#61
Tetrachloroethene
Concen: 19.583 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

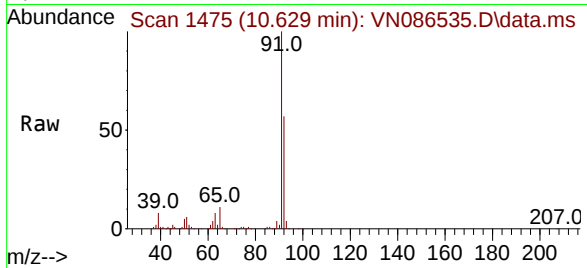
Tgt Ion:164 Resp: 80228
Ion Ratio Lower Upper
164 100
166 128.2 105.0 157.4
129 101.0 83.9 125.9
131 99.2 76.7 115.1





#62
Toluene
Concen: 48.013 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

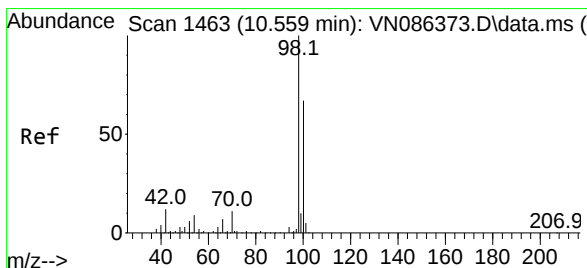
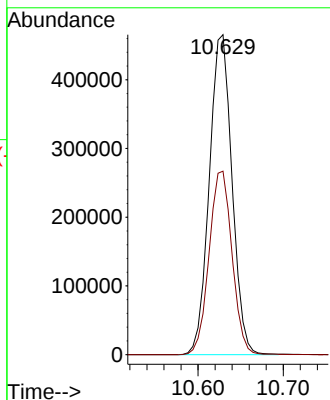
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion: 91 Resp: 863228
Ion Ratio Lower Upper
91 100
92 58.0 45.7 68.5

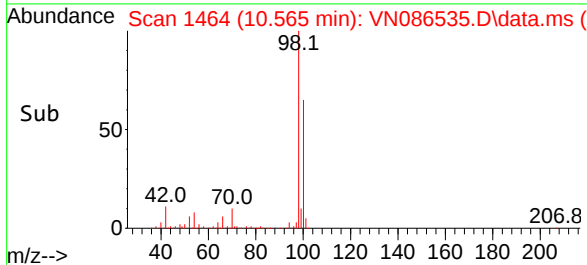
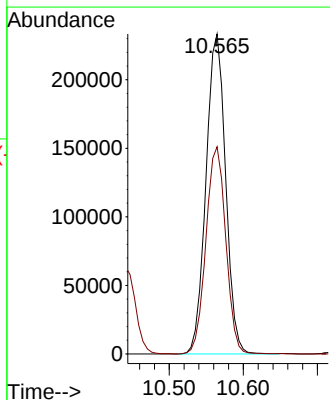
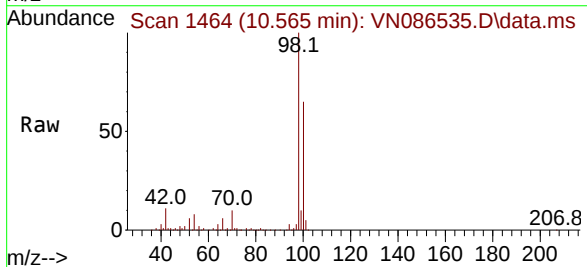
Manual Integrations
APPROVED

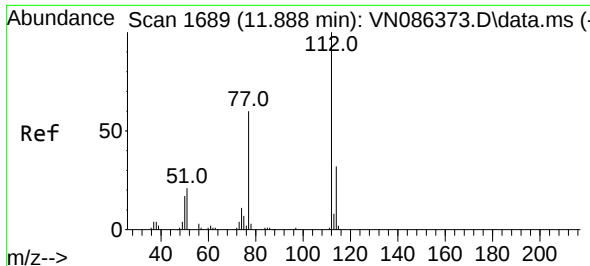
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#63
Toluene-d8
Concen: 29.036 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

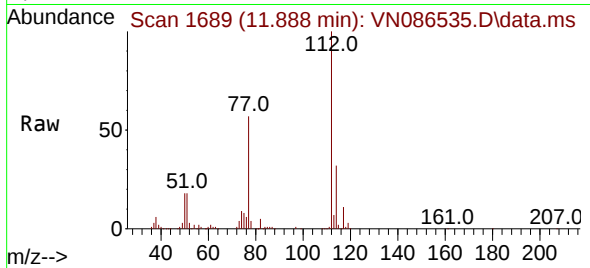
Tgt Ion: 98 Resp: 429069
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7





#64
Chlorobenzene
Concen: 21.587 ug/l
RT: 11.888 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

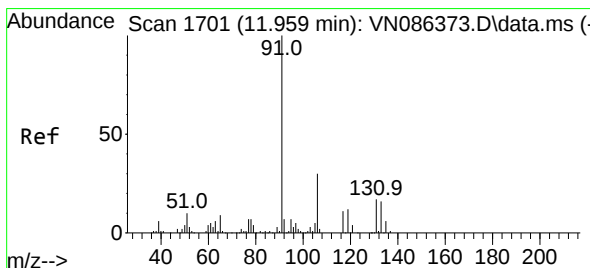
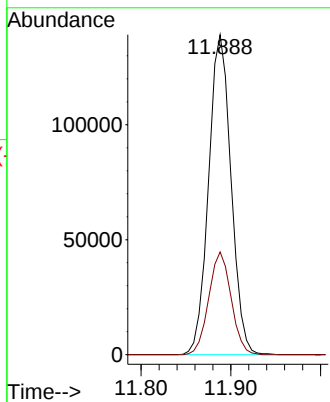
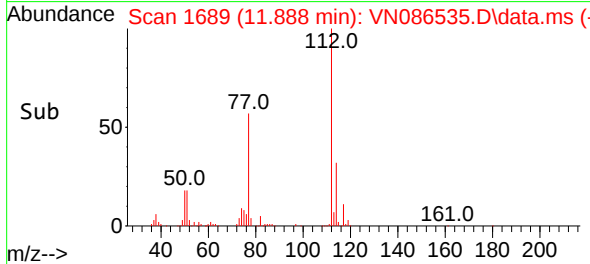
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion:112 Resp: 24183
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4

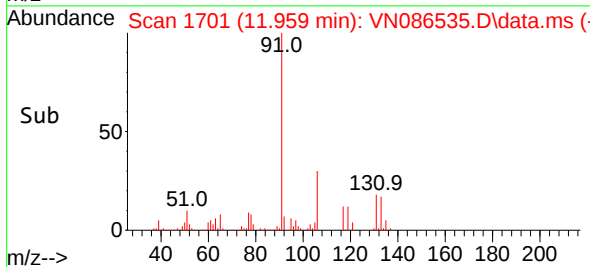
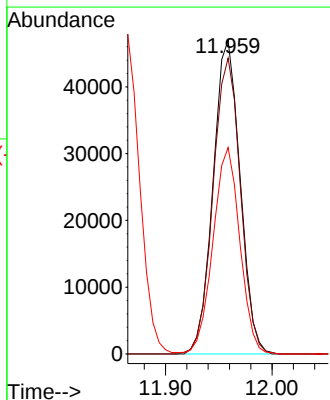
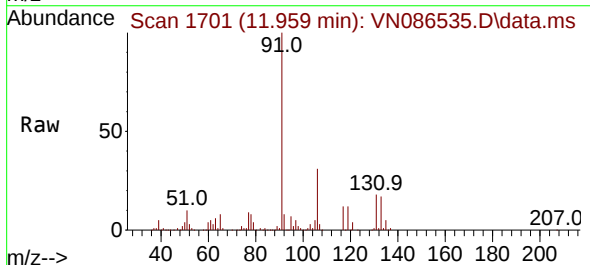
Manual Integrations
APPROVED

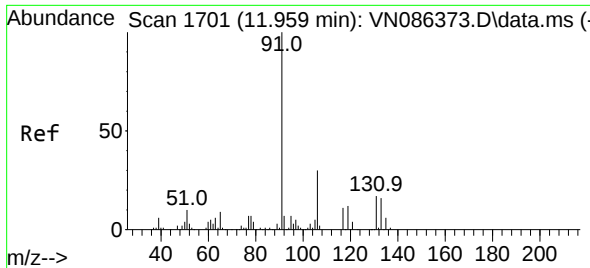
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#65
1,1,1,2-Tetrachloroethane
Concen: 22.082 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Tgt Ion:131 Resp: 82715
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.4
119 65.4 0.0 133.6





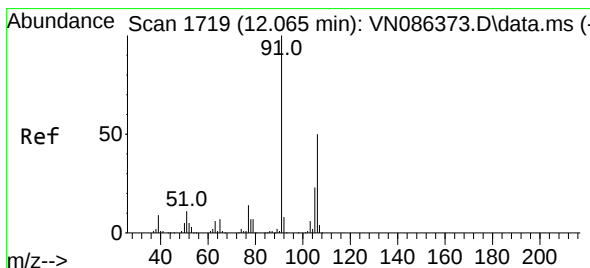
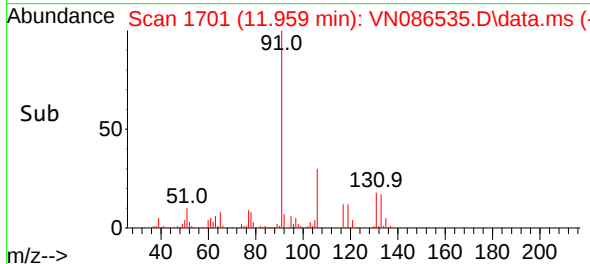
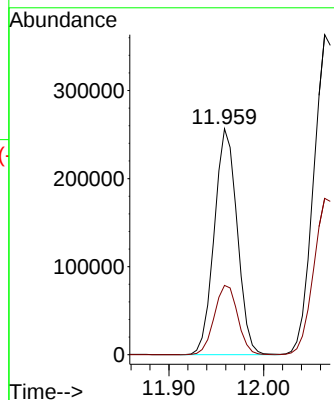
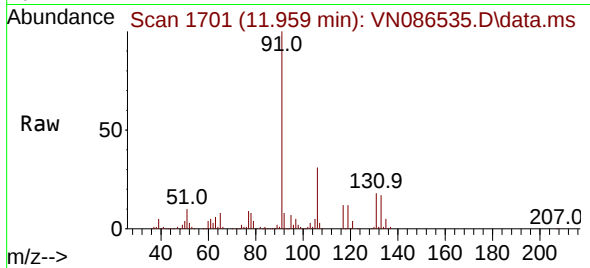
#66
Ethyl Benzene
Concen: 21.261 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion: 91 Resp: 430270
Ion Ratio Lower Upper
91 100
106 30.7 24.3 36.5

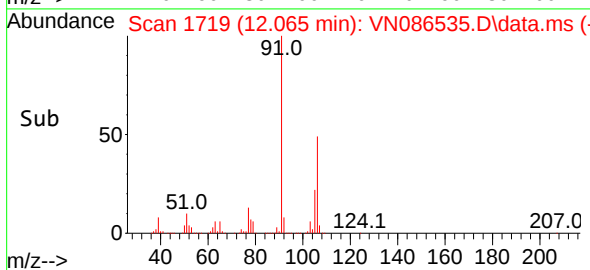
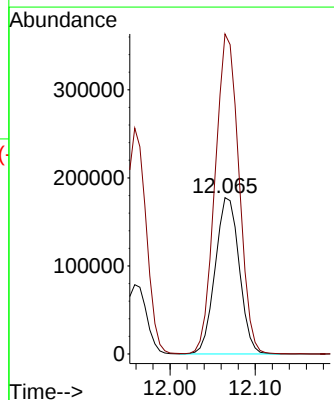
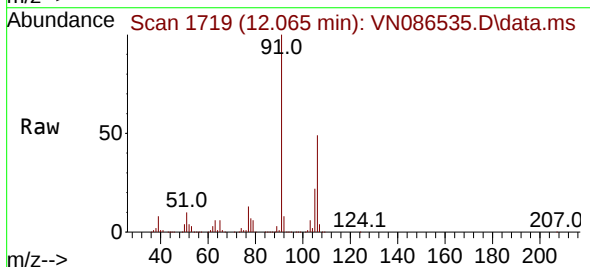
Manual Integrations
APPROVED

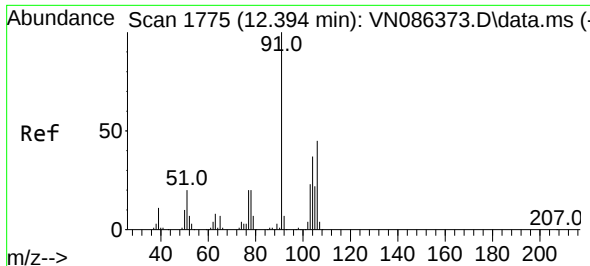
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#67
m/p-Xylenes
Concen: 45.402 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

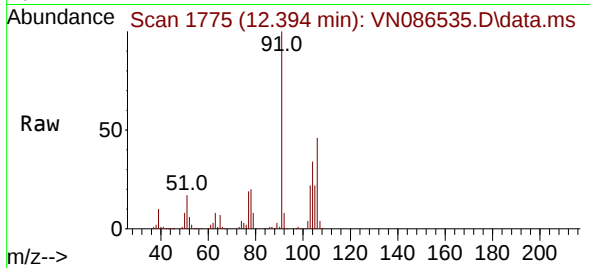
Tgt Ion:106 Resp: 348628
Ion Ratio Lower Upper
106 100
91 203.0 162.6 243.8





#68
o-Xylene
Concen: 22.754 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

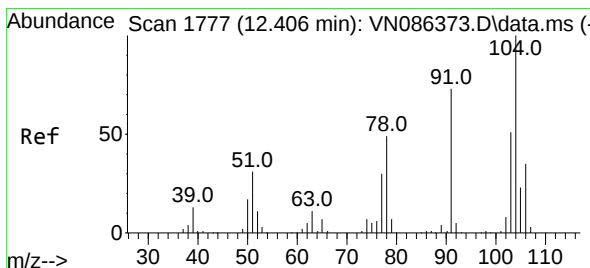
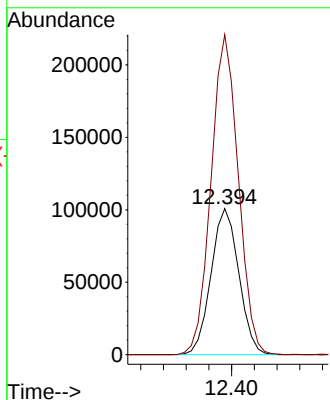
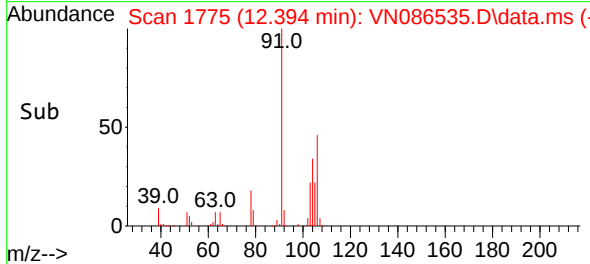
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion:106 Resp: 17107
Ion Ratio Lower Upper
106 100
91 215.1 110.6 331.6

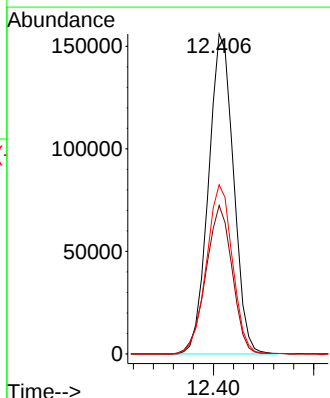
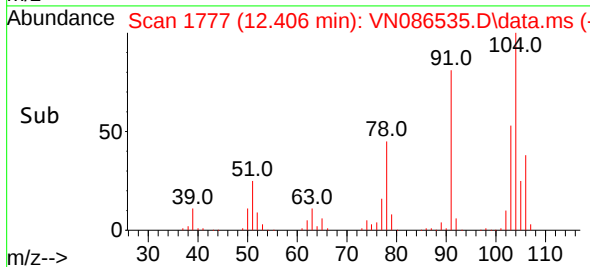
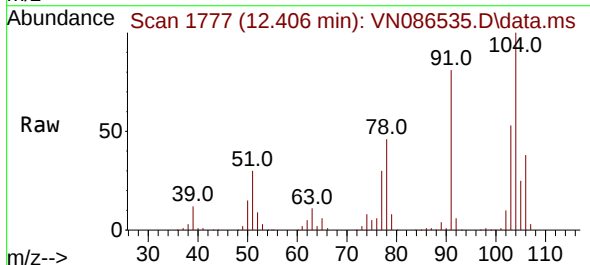
Manual Integrations
APPROVED

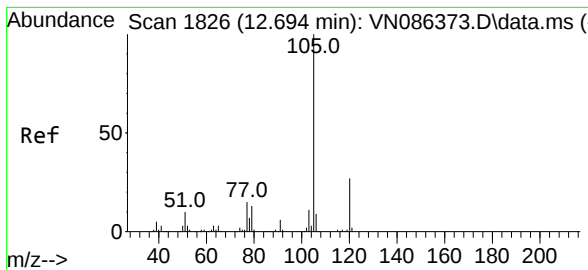
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#69
Styrene
Concen: 21.227 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

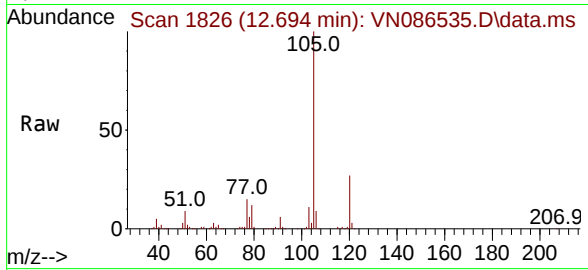
Tgt Ion:104 Resp: 270501
Ion Ratio Lower Upper
104 100
78 48.8 40.2 60.4
103 55.2 43.8 65.8





#70
Isopropylbenzene
Concen: 21.305 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

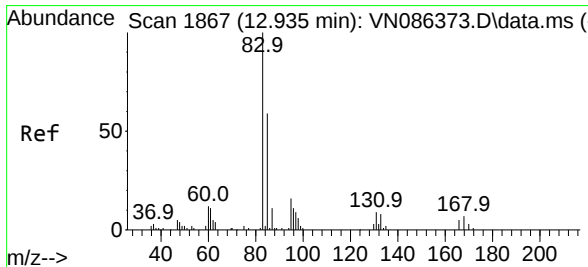
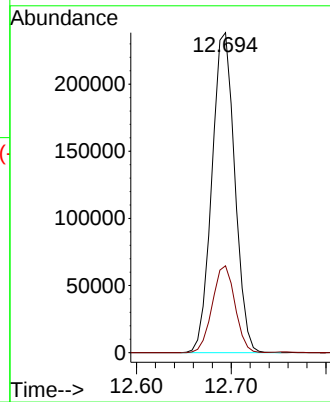
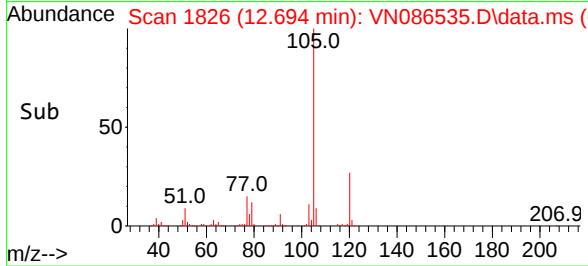
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



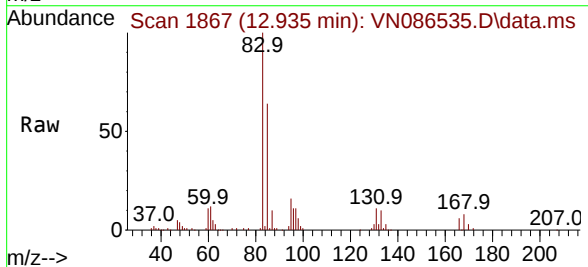
Tgt Ion:105 Resp: 39984
Ion Ratio Lower Upper
105 100
120 26.9 18.2 33.8

Manual Integrations
APPROVED

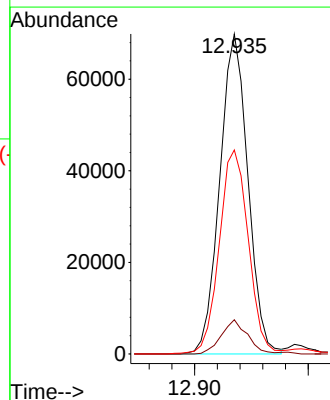
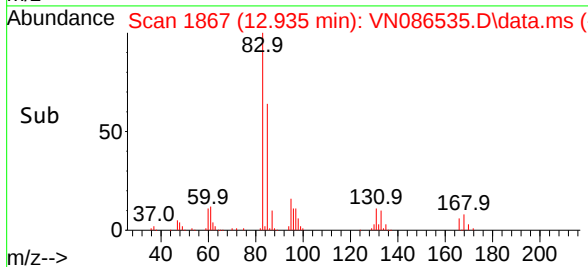
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

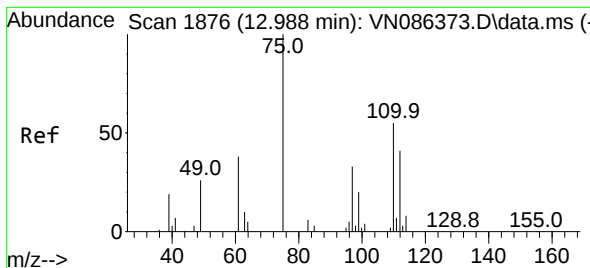


#71
1,1,2,2-Tetrachloroethane
Concen: 24.329 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09



Tgt Ion: 83 Resp: 120224
Ion Ratio Lower Upper
83 100
131 9.9 4.5 13.7
85 65.8 31.7 95.1





#72

1,2,3-Trichloropropane

Concen: 25.626 ug/l m

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN086535.D

Acq: 07 May 2025 15:09

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion: 75 Resp: 11040

Ion Ratio Lower Upper

75 100

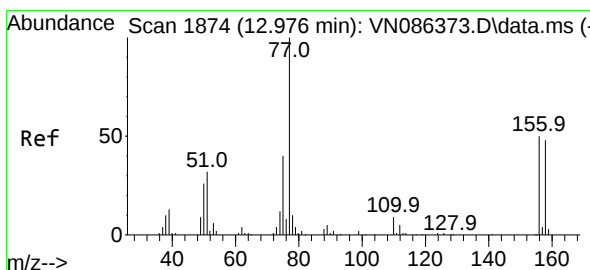
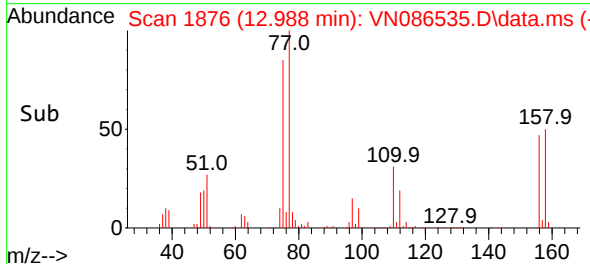
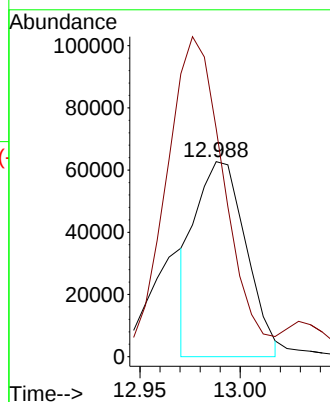
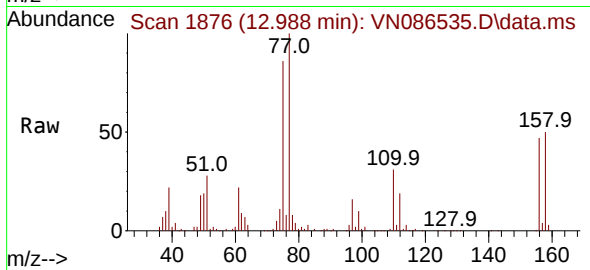
77 188.8 0.0 464.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#73

Bromobenzene

Concen: 22.815 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086535.D

Acq: 07 May 2025 15:09

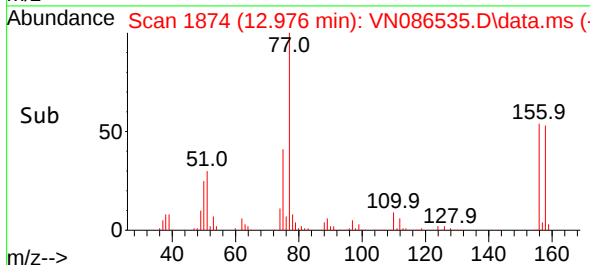
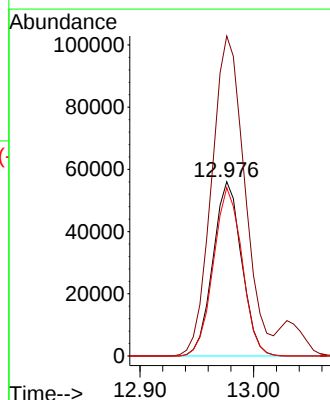
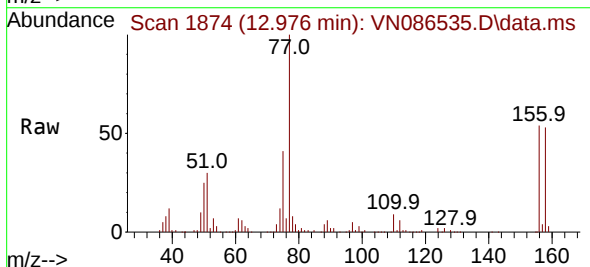
Tgt Ion:156 Resp: 98442

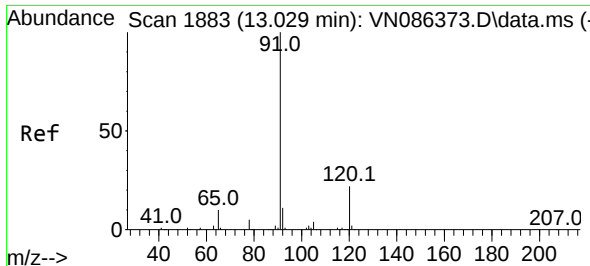
Ion Ratio Lower Upper

156 100

77 211.8 0.0 463.4

158 96.3 0.0 191.8





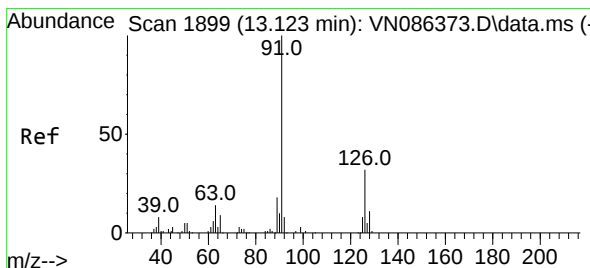
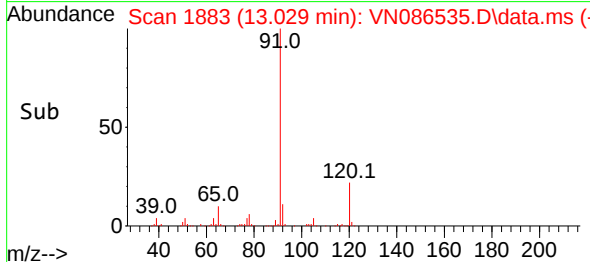
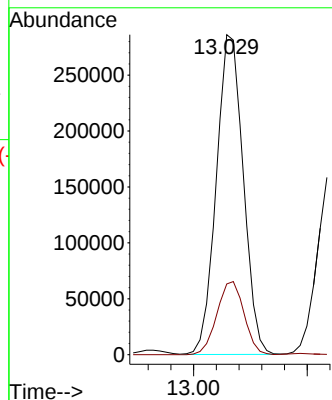
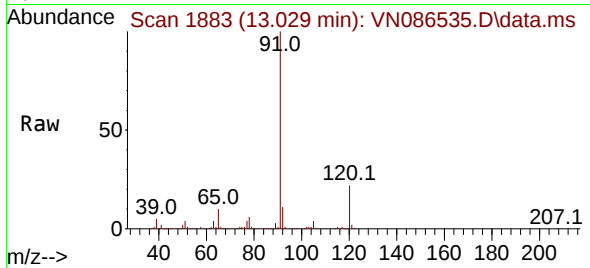
#74
n-propylbenzene
Concen: 21.138 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion: 91 Resp: 471404
Ion Ratio Lower Upper
91 100
120 23.0 0.0 43.8

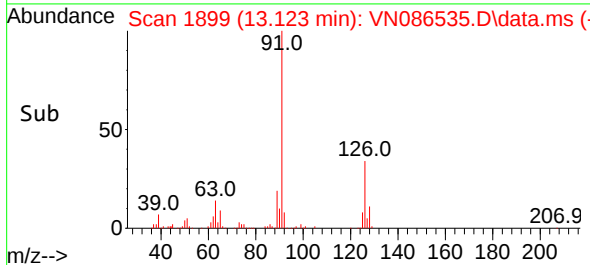
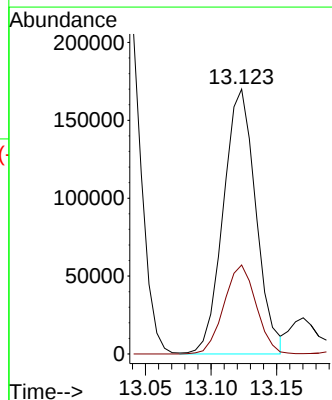
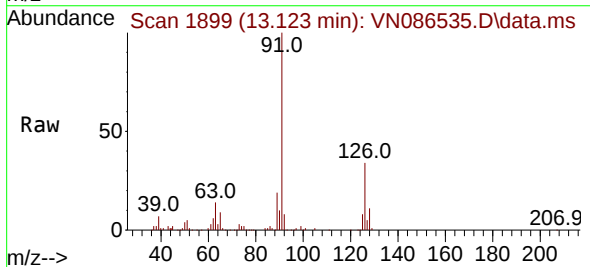
Manual Integrations
APPROVED

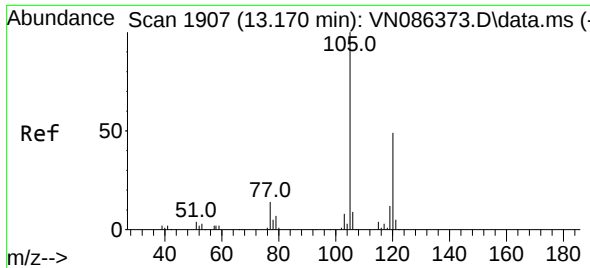
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#75
2-Chlorotoluene
Concen: 21.124 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

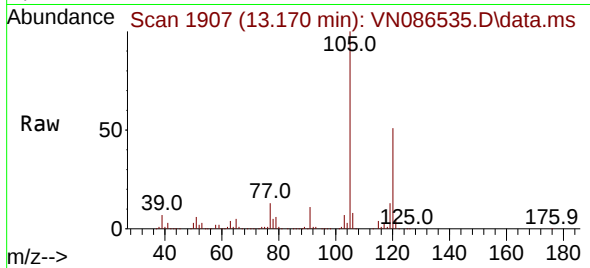
Tgt Ion: 91 Resp: 294086
Ion Ratio Lower Upper
91 100
126 33.1 0.0 65.0





#76
1,3,5-Trimethylbenzene
Concen: 21.610 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

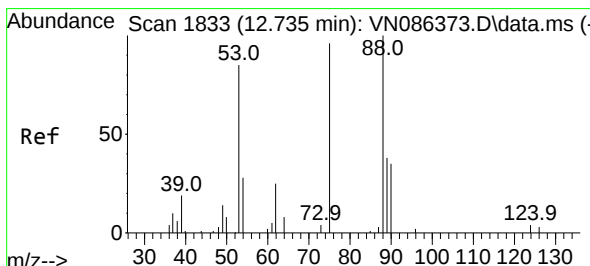
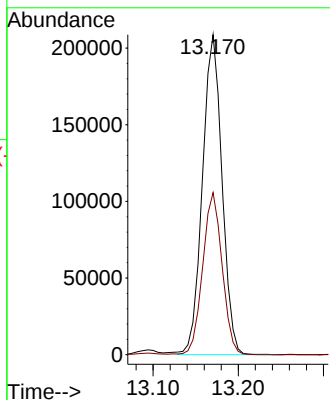
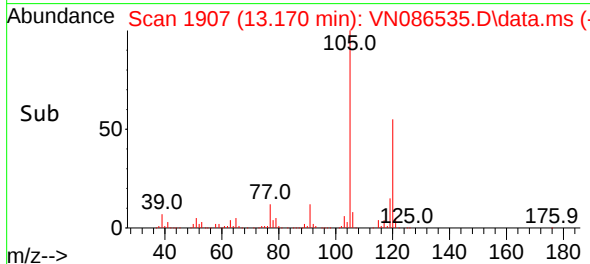
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion:105 Resp: 33278
Ion Ratio Lower Upper
105 100
120 50.1 0.0 97.6

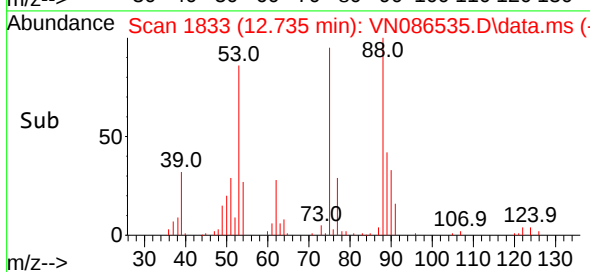
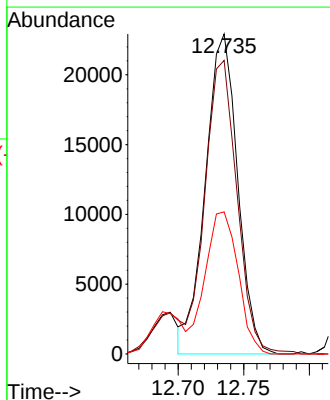
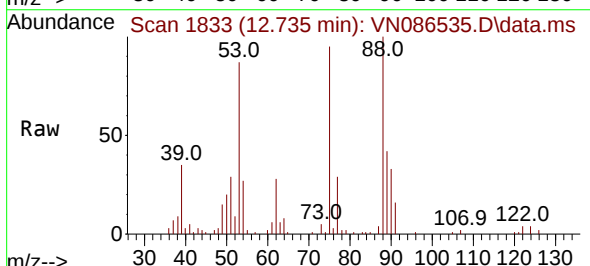
Manual Integrations
APPROVED

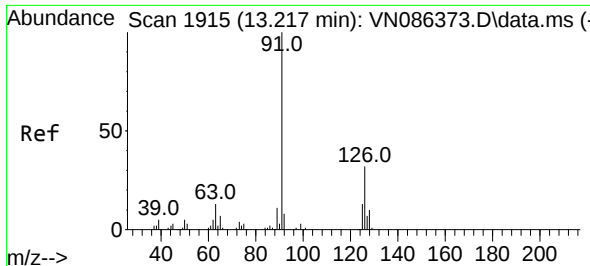
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#77
t-1,4-Dichloro-2-butene
Concen: 17.940 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Tgt Ion: 75 Resp: 39226
Ion Ratio Lower Upper
75 100
53 90.8 46.0 138.0
89 44.4 21.6 64.6





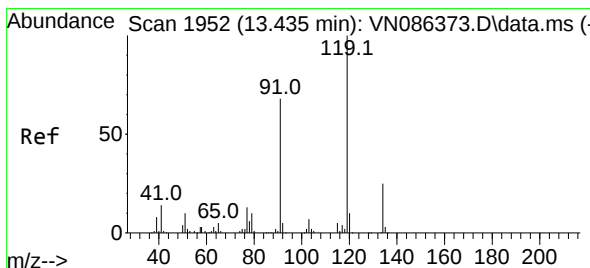
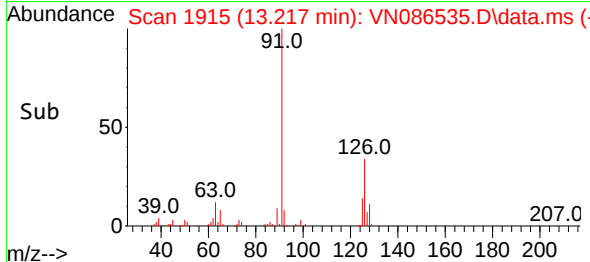
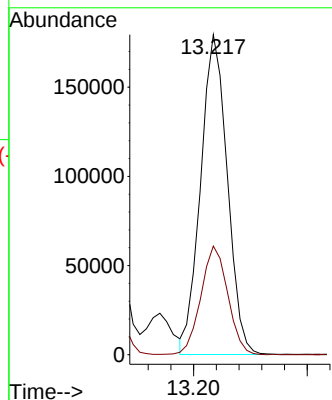
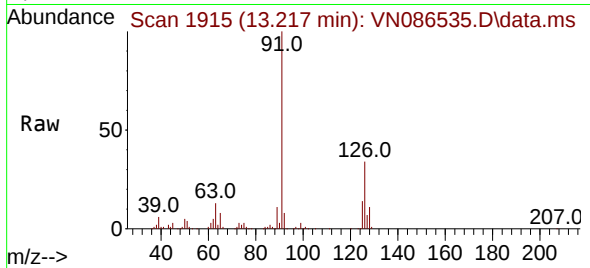
#78
4-Chlorotoluene
Concen: 20.991 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion: 91 Resp: 29220
Ion Ratio Lower Upper
91 100
126 34.3 0.0 65.4

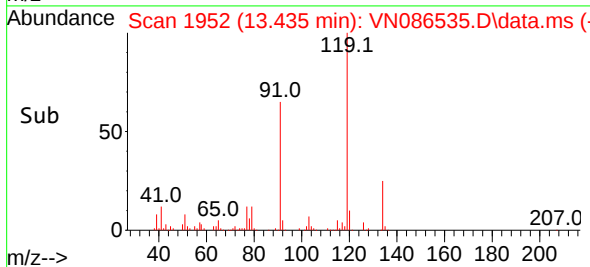
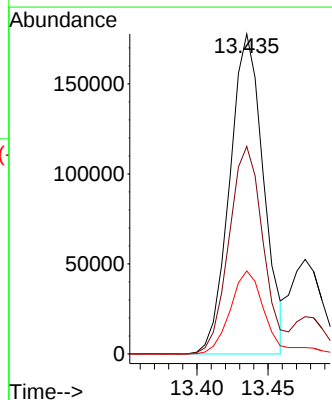
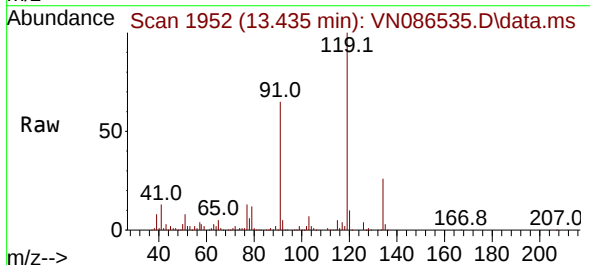
Manual Integrations
APPROVED

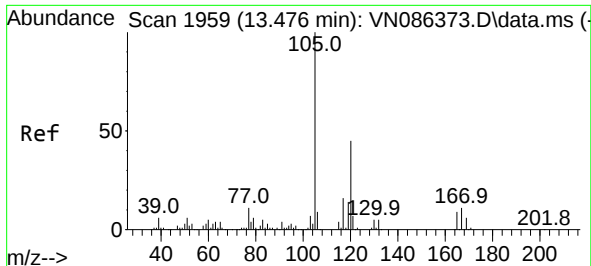
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#79
tert-butylbenzene
Concen: 22.359 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

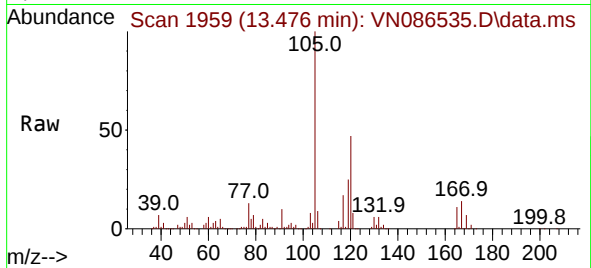
Tgt Ion:119 Resp: 294883
Ion Ratio Lower Upper
119 100
91 66.1 0.0 137.4
134 25.4 0.0 49.2





#80
1,2,4-Trimethylbenzene
Concen: 21.982 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

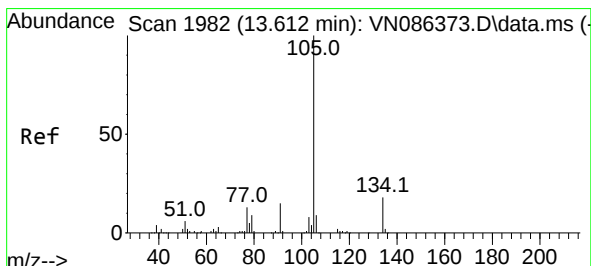
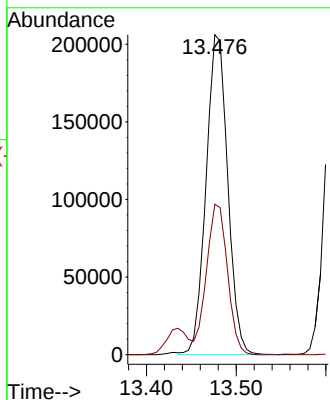
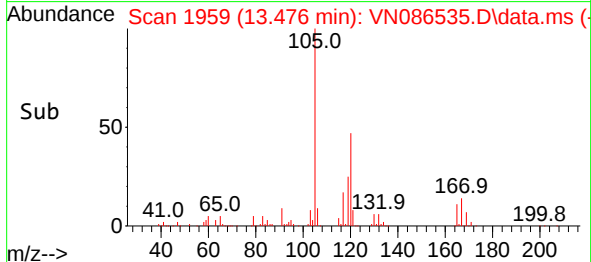
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



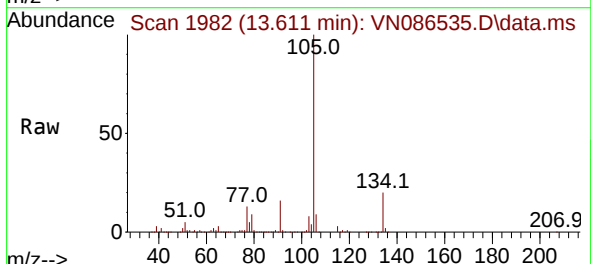
Tgt Ion:105 Resp: 34571
Ion Ratio Lower Upper
105 100
120 45.4 0.0 87.6

Manual Integrations
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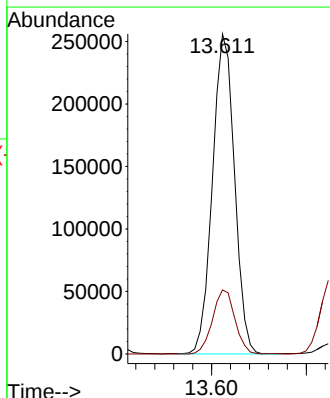
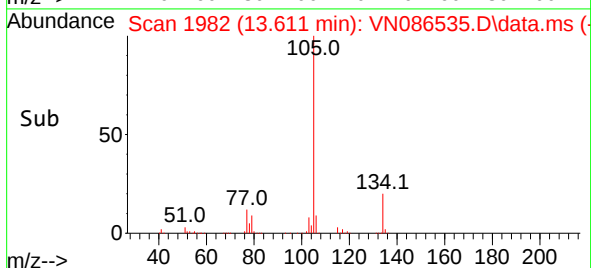
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

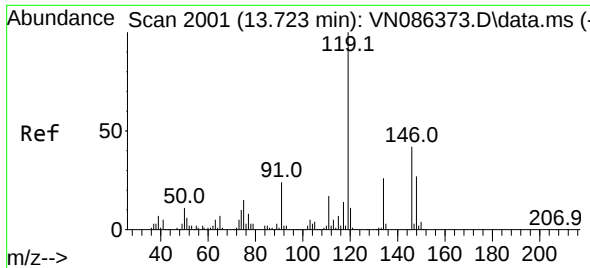


#81
sec-Butylbenzene
Concen: 21.971 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09



Tgt Ion:105 Resp: 413629
Ion Ratio Lower Upper
105 100
134 20.3 0.0 38.4





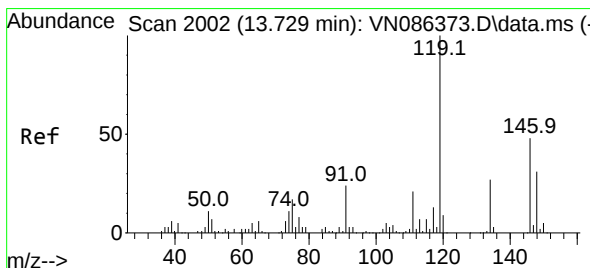
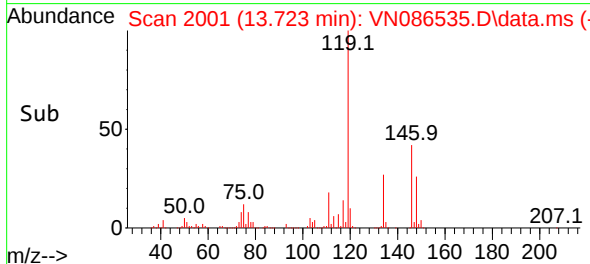
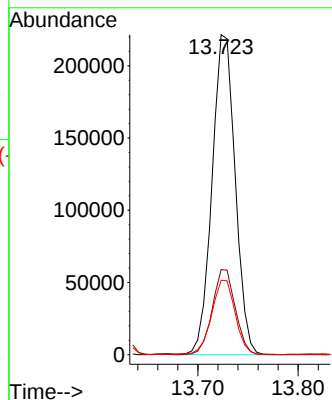
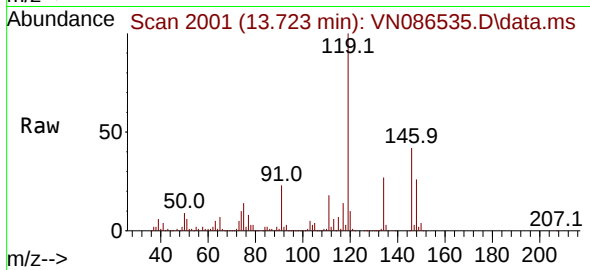
#82
p-Isopropyltoluene
Concen: 22.599 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion:119 Resp: 356004
Ion Ratio Lower Upper
119 100
134 26.4 0.0 52.2
91 23.5 0.0 47.6

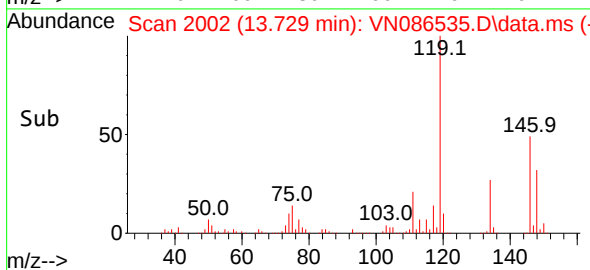
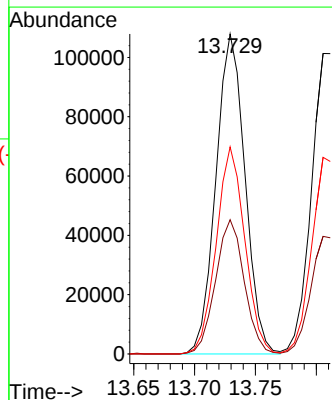
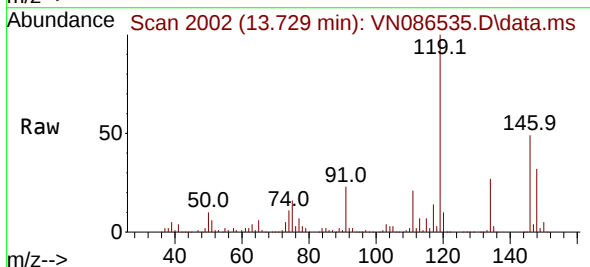
Manual Integrations
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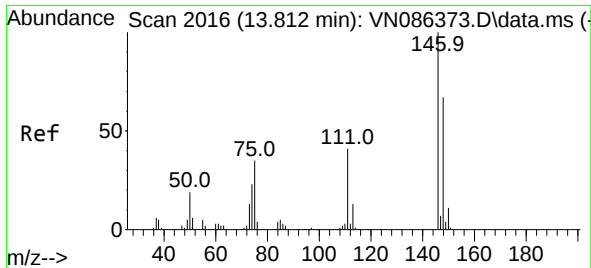
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#83
1,3-Dichlorobenzene
Concen: 22.017 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

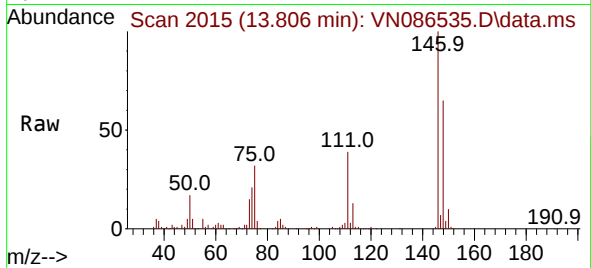
Tgt Ion:146 Resp: 179575
Ion Ratio Lower Upper
146 100
111 41.4 20.7 62.1
148 63.6 32.3 96.8





#84
1,4-Dichlorobenzene
Concen: 22.125 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

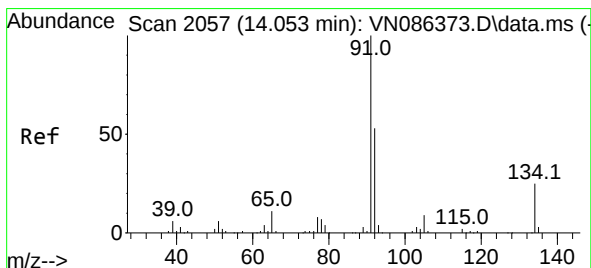
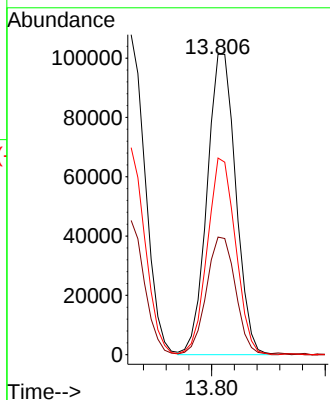
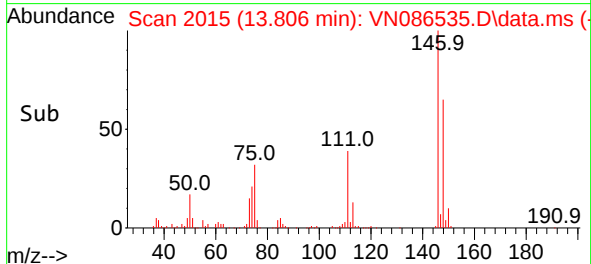
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion:146 Resp: 178292
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.8
148 64.4 32.4 97.2

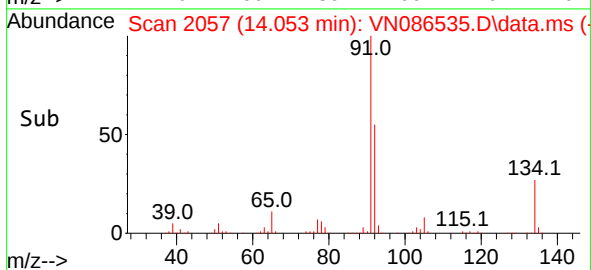
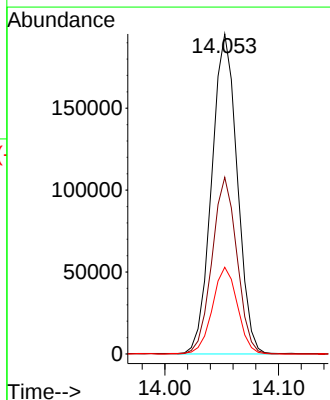
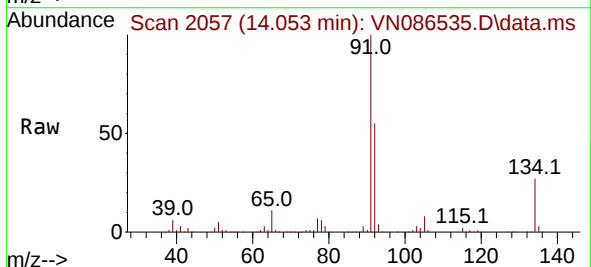
Manual Integrations
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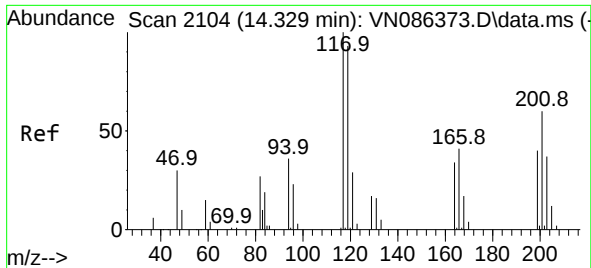
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#85
n-Butylbenzene
Concen: 21.738 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Tgt Ion: 91 Resp: 305551
Ion Ratio Lower Upper
91 100
92 53.8 0.0 107.2
134 26.7 0.0 48.2





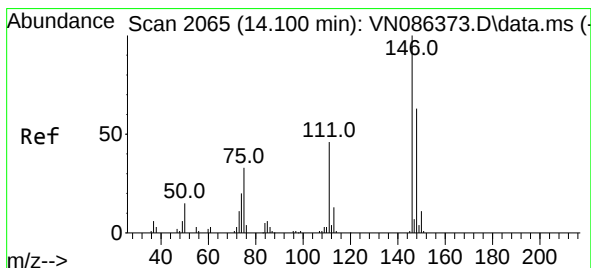
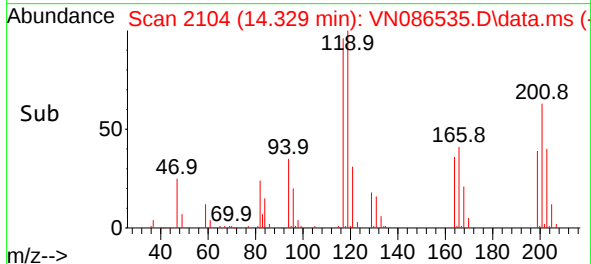
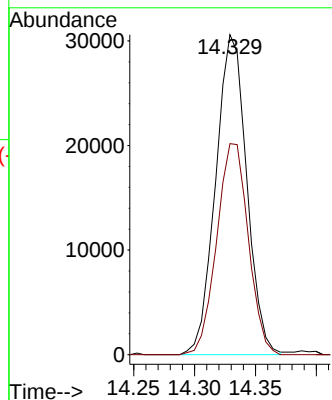
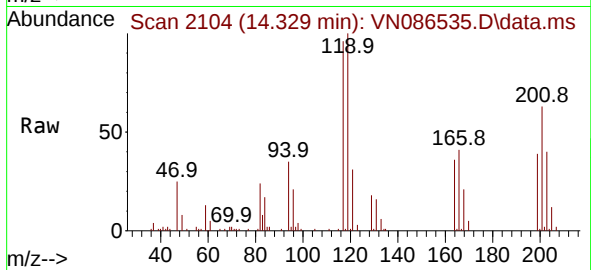
#86
Hexachloroethane
Concen: 21.067 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD

Tgt Ion:117 Resp: 54260
Ion Ratio Lower Upper
117 100
201 67.1 31.7 95.1

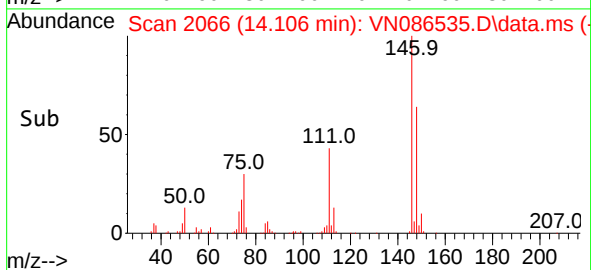
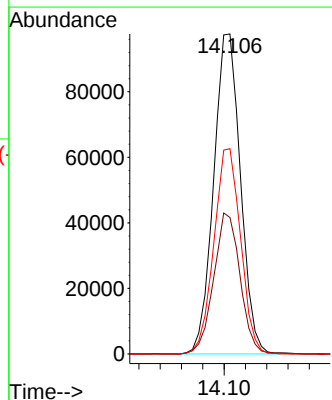
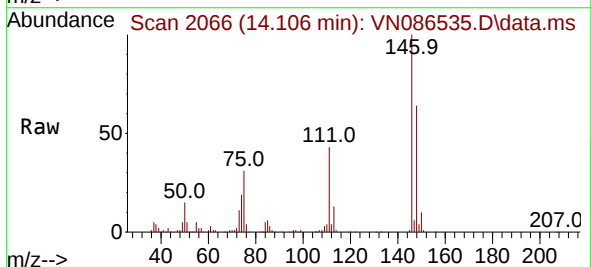
Manual Integrations
APPROVED

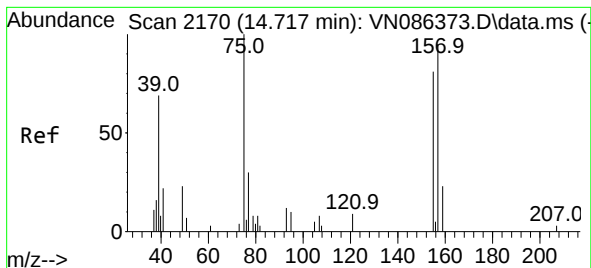
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#87
1,2-Dichlorobenzene
Concen: 21.991 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

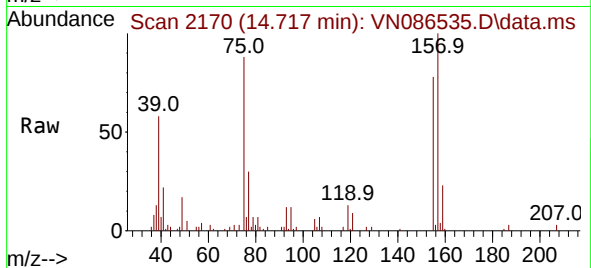
Tgt Ion:146 Resp: 170663
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.3
148 63.9 32.0 96.0





#88
 1,2-Dibromo-3-Chloropropane
 Concen: 23.219 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN086535.D
 Acq: 07 May 2025 15:09

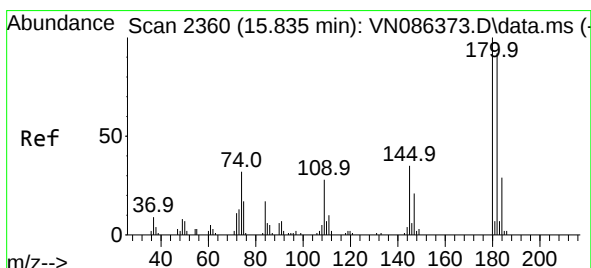
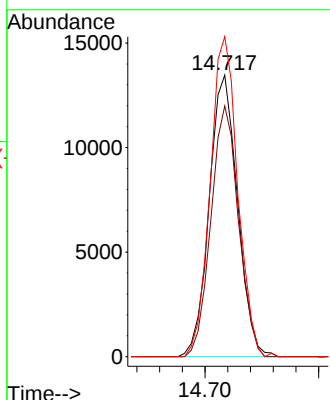
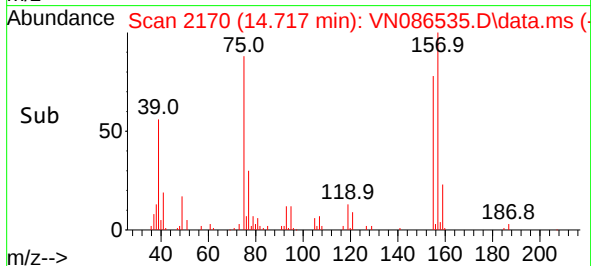
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(MAY)MSD



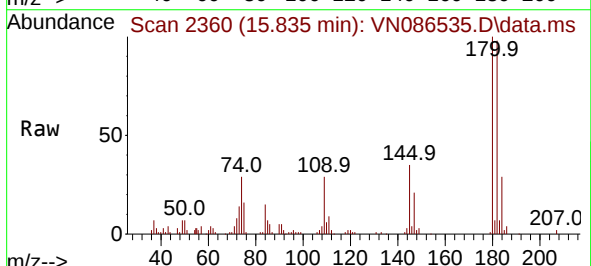
Tgt Ion: 75 Resp: 2332
 Ion Ratio Lower Upper
 75 100
 155 86.4 64.0 96.0
 157 109.7 78.2 117.4

Manual Integrations
 APPROVED

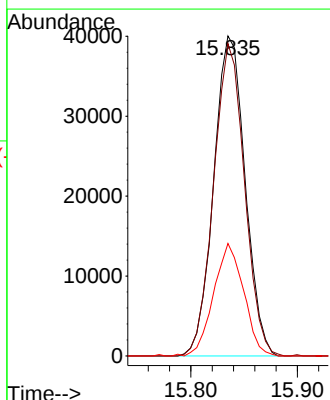
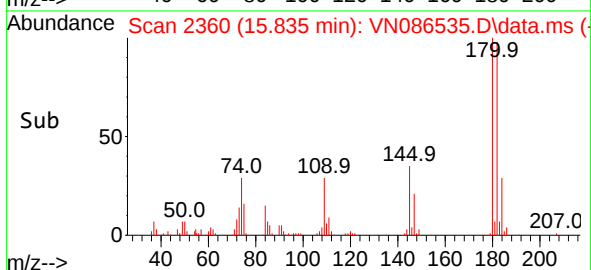
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025

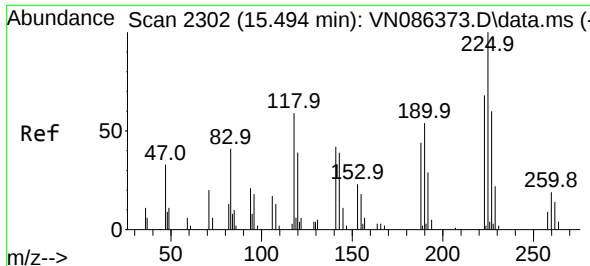


#89
 1,2,4-Trichlorobenzene
 Concen: 23.184 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. -0.000 min
 Lab File: VN086535.D
 Acq: 07 May 2025 15:09



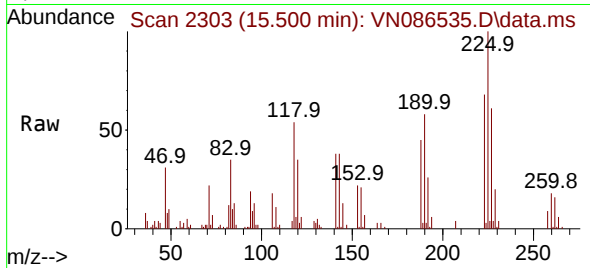
Tgt Ion:180 Resp: 82003
 Ion Ratio Lower Upper
 180 100
 182 95.8 74.8 112.2
 145 33.6 26.9 40.3





#90
Hexachlorobutadiene
Concen: 26.338 ug/l
RT: 15.500 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09

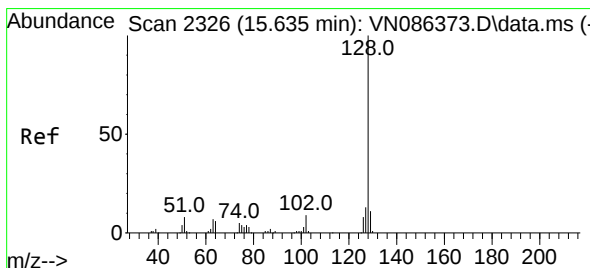
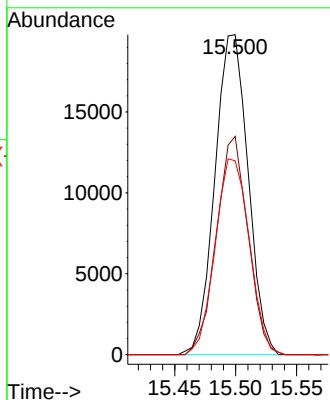
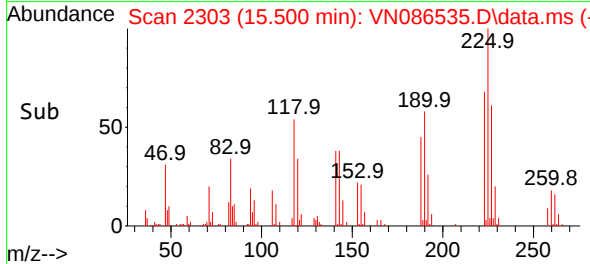
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MSD



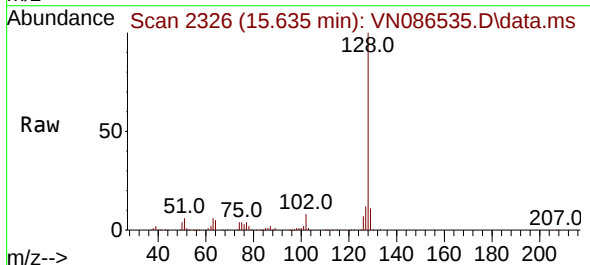
Tgt Ion:225 Resp: 37520
Ion Ratio Lower Upper
225 100
223 65.0 0.0 128.8
227 63.0 0.0 120.2

Manual Integrations
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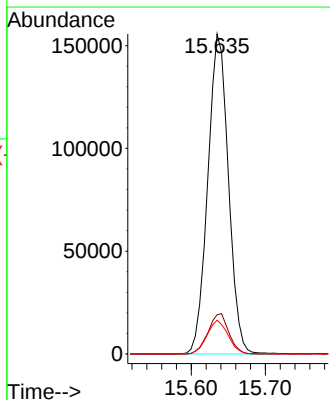
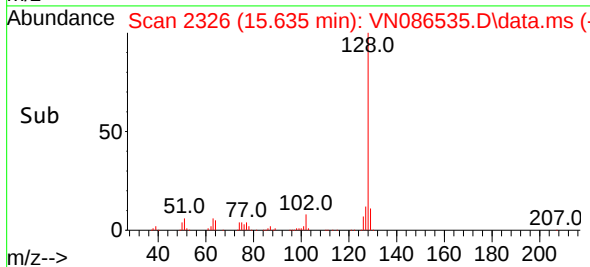
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

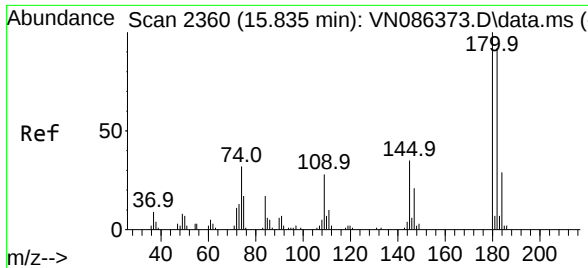


#91
Naphthalene
Concen: 23.778 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086535.D
Acq: 07 May 2025 15:09



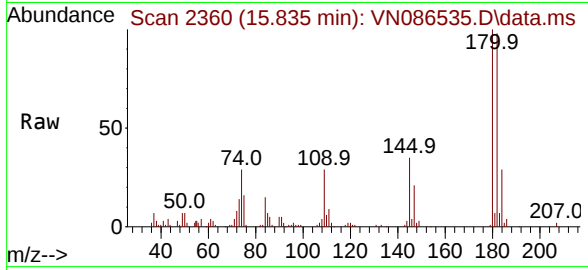
Tgt Ion:128 Resp: 301103
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.7 8.7 13.1





#92
 1,2,3-Trichlorobenzene
 Concen: 23.184 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086535.D
 Acq: 07 May 2025 15:09

Instrument : MSVOA_N
 ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MSD



Tgt Ion:	180	Resp:	82000
Ion Ratio	Lower	Upper	
180	100		
182	95.8	0.0	187.0
145	33.6	0.0	67.2

Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025

