

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050725\
 Data File : VN086534.D
 Acq On : 07 May 2025 14:45
 Operator : JC\MD
 Sample : Q1949-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: May 08 03:26:00 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	7.806	128	23320	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	137659	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	122368	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.576	65	64320	28.608	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.367%		
60) 4-Bromofluorobenzene	12.847	95	69394	28.853	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.167%		
63) Toluene-d8	10.565	98	198149	29.434	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38111	23.672	ug/l	98
3) Chloromethane	2.359	50	41896	18.320	ug/l	94
4) Vinyl Chloride	2.512	62	45316	20.689	ug/l	98
5) Bromomethane	2.965	94	24477	21.404	ug/l	98
6) Chloroethane	3.124	64	29431	20.155	ug/l	98
7) Trichlorofluoromethane	3.500	101	63226	24.454	ug/l	97
8) Diethyl Ether	3.959	74	24712	22.643	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	38924	24.489	ug/l	99
10) 1,1-Dichloroethene	4.341	96	38703	23.790	ug/l	94
11) Methyl Iodide	4.589	142	39142	20.563	ug/l	98
12) Methyl Acetate	5.024	43	53104	23.029	ug/l	98
13) Acrolein	4.183	56	10421	90.015	ug/l	100
14) Acrylonitrile	5.718	53	96772	112.759	ug/l	98
15) Acetone	4.418	58	243388	1029.187	ug/l	94
16) Carbon Disulfide	4.718	76	136437	31.826	ug/l	99
17) Allyl chloride	5.018	41	48550	18.664	ug/l	96
18) Methylene Chloride	5.277	84	43929	23.711	ug/l	92
19) trans-1,2-Dichloroethene	5.788	96	39479	22.767	ug/l	93
20) Diisopropyl ether	6.665	45	125778	20.335	ug/l	94
21) 1,1-Dichloroethane	6.565	63	71806	21.209	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	49314	22.744	ug/l	91
23) tert-Butyl Alcohol	5.512	59	48857	146.956	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	133691	22.242	ug/l	98
25) Chloroform	7.959	83	82127	23.968	ug/l	100
26) Cyclohexane	8.253	56	62294	20.838	ug/l #	94
29) 1,1-Dichloropropene	8.371	75	53162	21.906	ug/l	98
30) 2-Butanone	7.477	43	255586	216.983	ug/l	97
31) 2,2-Dichloropropane	7.488	77	68437	21.937	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	66276	22.854	ug/l	98
33) Carbon Tetrachloride	8.359	117	56277	23.573	ug/l	98
34) Benzene	8.600	78	168429	21.821	ug/l	98
35) Methacrylonitrile	7.777	41	38291	28.498	ug/l	88
36) 1,2-Dichloroethane	8.665	62	56477	22.536	ug/l	100
37) Trichloroethene	9.347	130	44414	22.985	ug/l	92
38) Methylcyclohexane	9.594	83	67043	23.920	ug/l	97
39) 1,2-Dichloropropane	9.618	63	40221	21.093	ug/l	94
40) Dibromomethane	9.706	93	28389	22.262	ug/l	91
41) Bromodichloromethane	9.882	83	59508	22.051	ug/l	98
42) Vinyl Acetate	6.600	43	454105	111.290	ug/l	97

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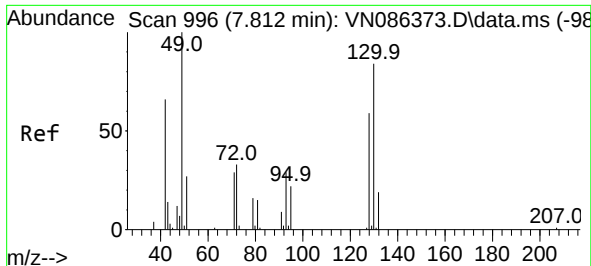
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	65744	28.204	ug/l	100
44) Isopropyl Acetate	8.682	43	101595	22.964	ug/l	100
45) 1,4-Dioxane	9.694	88	15567	450.979	ug/l	96
46) Methyl methacrylate	9.676	41	43831	21.478	ug/l	95
47) n-amyl Acetate	12.488	43	106588m	28.267	ug/l	
48) t-1,3-Dichloropropene	10.829	75	63497	21.046	ug/l	95
49) cis-1,3-Dichloropropene	10.312	75	66584	20.928	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	40806	22.909	ug/l	95
51) Ethyl methacrylate	10.870	69	68016	21.925	ug/l	95
52) 1,3-Dichloropropane	11.159	76	68735	21.834	ug/l	99
53) Dibromochloromethane	11.353	129	45661	22.830	ug/l	98
54) 1,2-Dibromoethane	11.465	107	41964	23.171	ug/l	99
56) Bromoform	12.576	173	29637	22.834	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	313941	132.577	ug/l	99
59) 2-Hexanone	11.194	43	216133	123.856	ug/l	98
61) Tetrachloroethene	11.100	164	41898	22.449	ug/l	97
62) Toluene	10.629	91	662657	80.903	ug/l	99
64) Chlorobenzene	11.888	112	119584	23.431	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.953	131	40116	23.508	ug/l	98
66) Ethyl Benzene	11.959	91	218054	23.651	ug/l	99
67) m/p-Xylenes	12.065	106	179777	51.391	ug/l	100
68) o-Xylene	12.394	106	88480	25.832	ug/l	94
69) Styrene	12.406	104	127004	21.876	ug/l	99
70) Isopropylbenzene	12.688	105	194293	22.724	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	57071	25.350	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	51935m	26.460	ug/l	
73) Bromobenzene	12.976	156	46738	23.777	ug/l	92
74) n-propylbenzene	13.035	91	229401	22.579	ug/l	97
75) 2-Chlorotoluene	13.117	91	137873	21.738	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	162340	23.140	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	17546	17.615	ug/l	95
78) 4-Chlorotoluene	13.217	91	138023	21.764	ug/l	97
79) tert-butylbenzene	13.435	119	140459	23.377	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	169802	23.700	ug/l	98
81) sec-Butylbenzene	13.611	105	201858	23.536	ug/l	97
82) p-Isopropyltoluene	13.723	119	175774	24.492	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	85997	23.144	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	85480	23.284	ug/l	99
85) n-Butylbenzene	14.053	91	152343	23.790	ug/l	98
86) Hexachloroethane	14.329	117	25920	22.088	ug/l	95
87) 1,2-Dichlorobenzene	14.106	146	81968	23.184	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11510	25.153	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	43775	27.165	ug/l	99
90) Hexachlorobutadiene	15.494	225	20068	30.917	ug/l	97
91) Naphthalene	15.635	128	152898	26.503	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	43775	27.165	ug/l	99

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



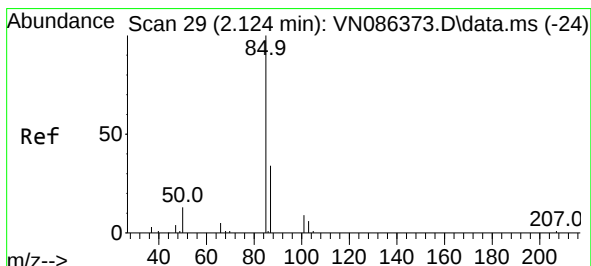
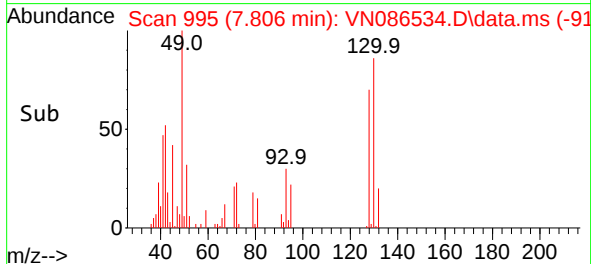
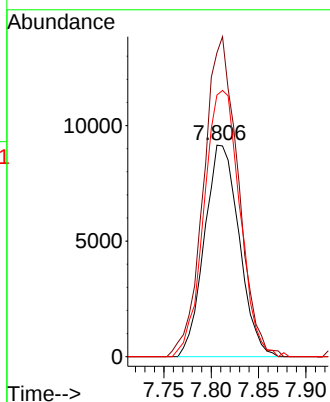
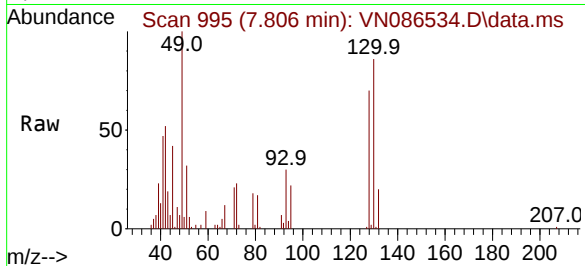
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

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

Tgt Ion:128 Resp: 23320
Ion Ratio Lower Upper
128 100
49 149.6 0.0 433.8
130 130.1 0.0 325.0

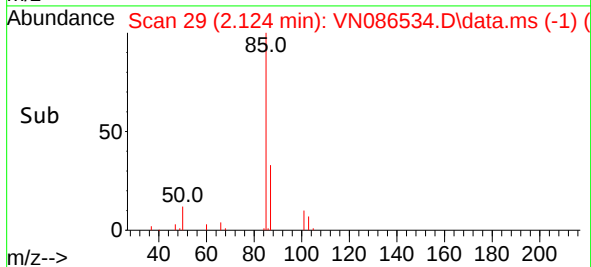
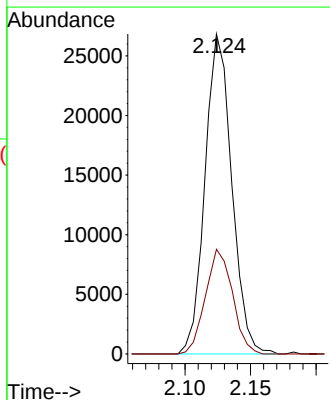
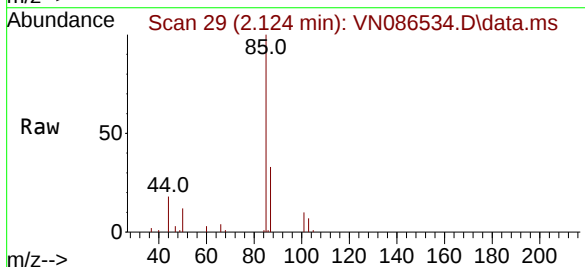
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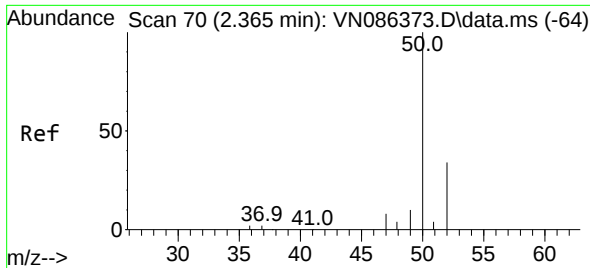
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#2
Dichlorodifluoromethane
Concen: 23.672 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Tgt Ion: 85 Resp: 38111
Ion Ratio Lower Upper
85 100
87 32.7 17.0 50.9





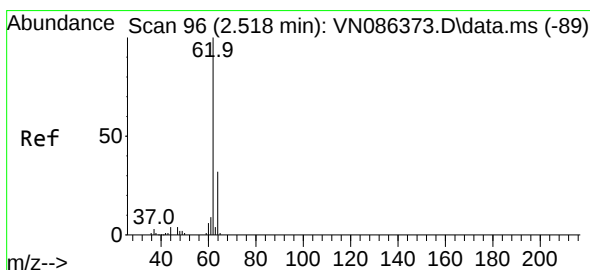
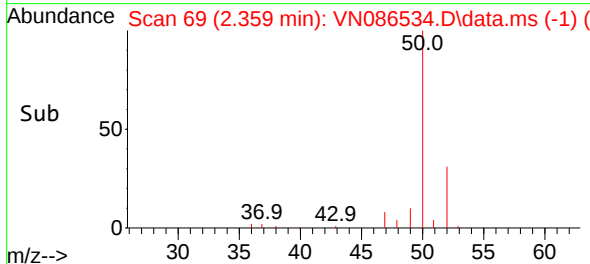
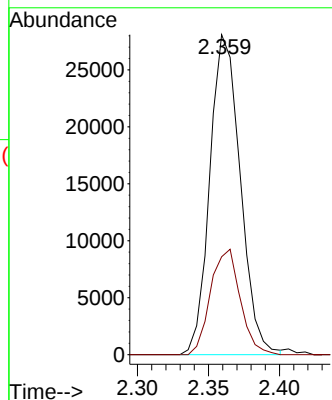
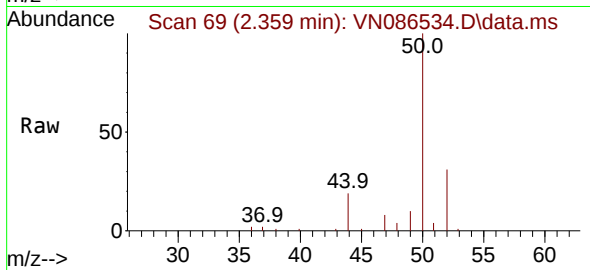
#3
Chloromethane
Concen: 18.320 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

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

Tgt Ion: 50 Resp: 41890
Ion Ratio Lower Upper
50 100
52 30.6 27.3 40.9

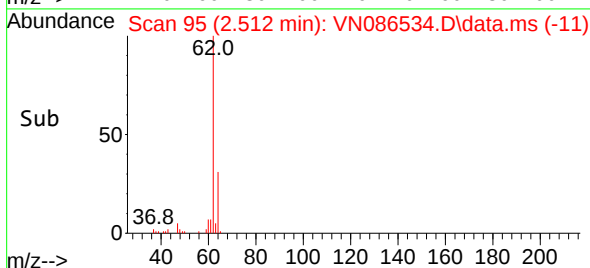
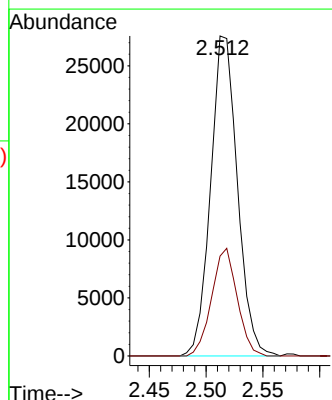
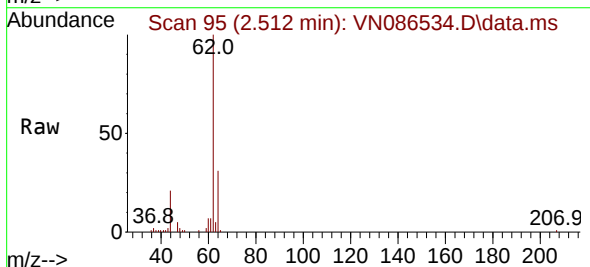
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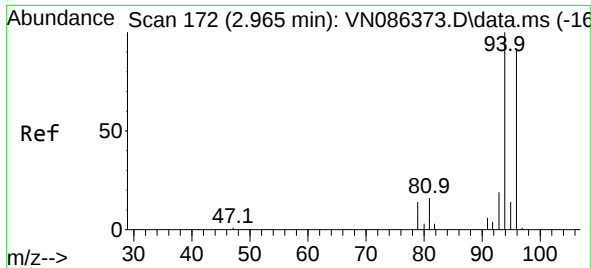
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#4
Vinyl Chloride
Concen: 20.689 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

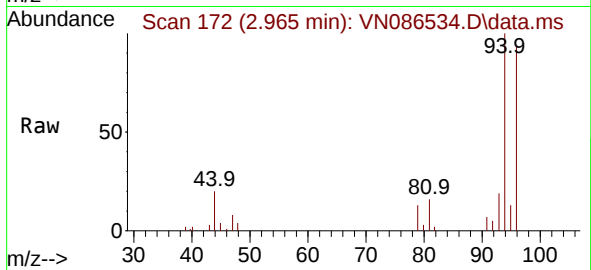
Tgt Ion: 62 Resp: 45316
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.8





#5
Bromomethane
Concen: 21.404 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

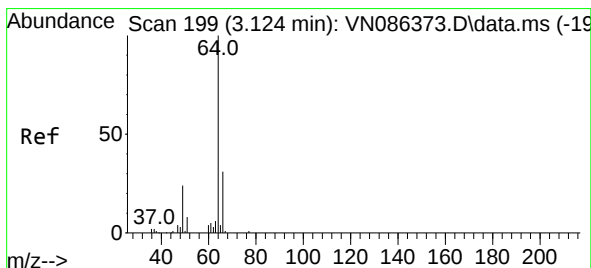
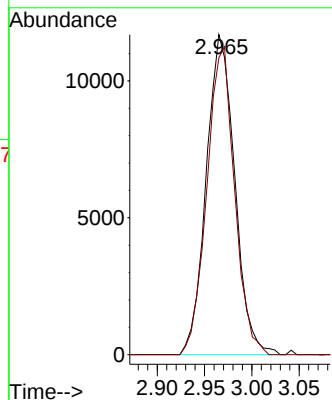
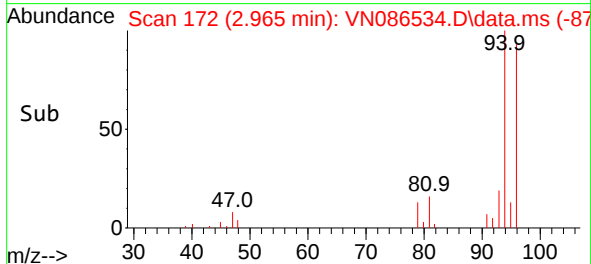
Instrument :
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ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion: 94 Resp: 2447
Ion Ratio Lower Upper
94 100
96 92.8 72.4 108.6

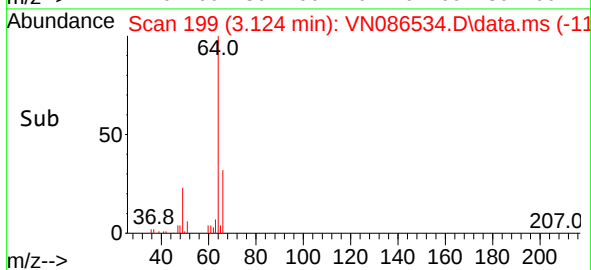
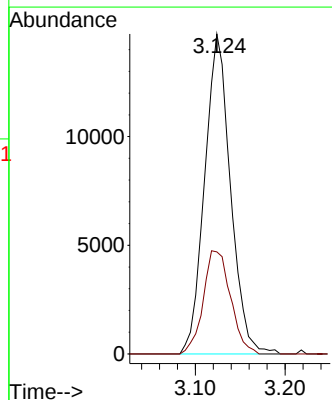
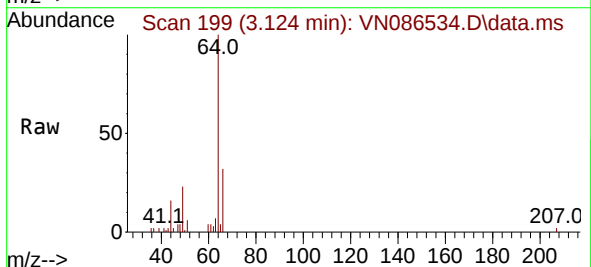
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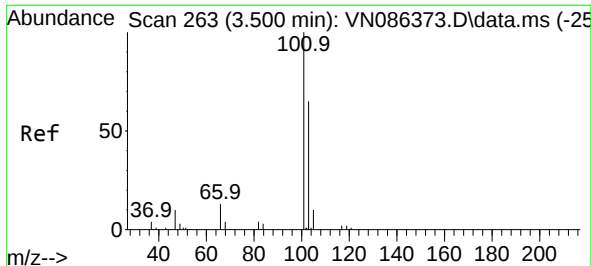
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#6
Chloroethane
Concen: 20.155 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086534.D
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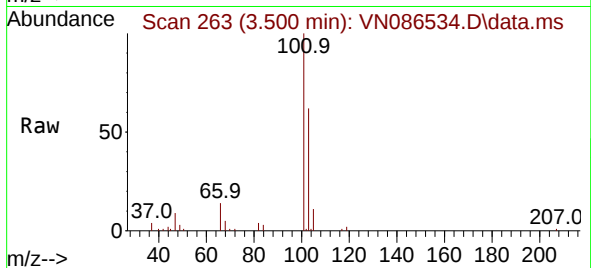
Tgt Ion: 64 Resp: 29431
Ion Ratio Lower Upper
64 100
66 31.9 24.5 36.7





#7
 Trichlorofluoromethane
 Concen: 24.454 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086534.D
 Acq: 07 May 2025 14:45

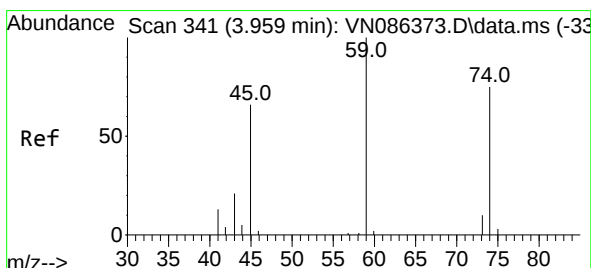
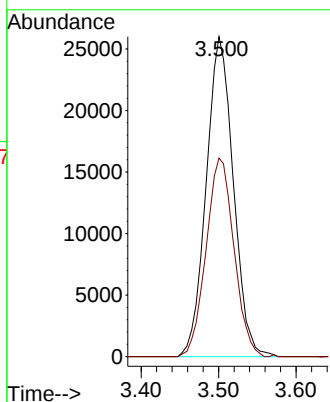
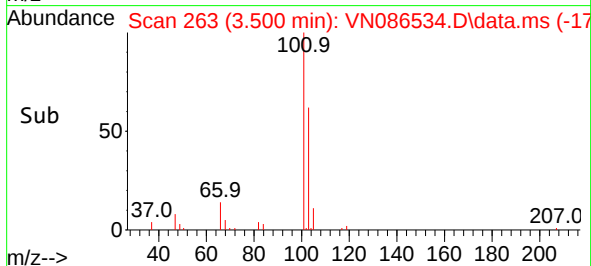
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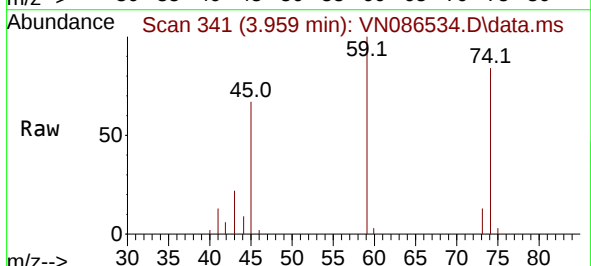
Tgt Ion:101 Resp: 63220
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.8 77.6

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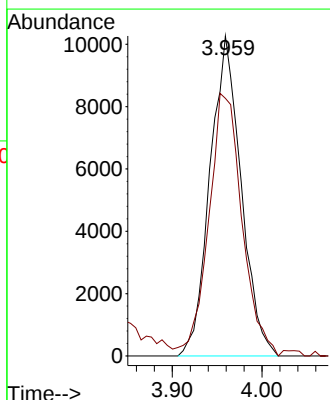
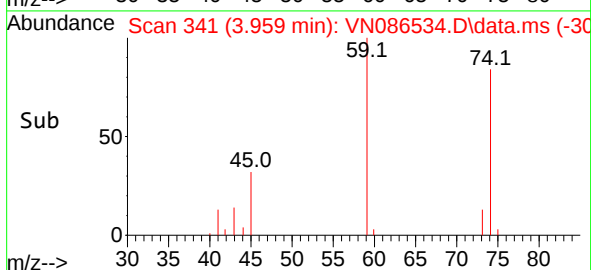
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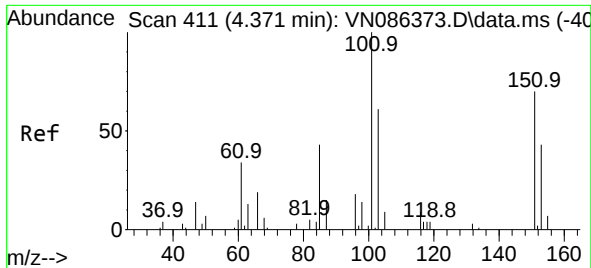


#8
 Diethyl Ether
 Concen: 22.643 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086534.D
 Acq: 07 May 2025 14:45



Tgt Ion: 74 Resp: 24712
 Ion Ratio Lower Upper
 74 100
 45 87.9 18.5 166.3





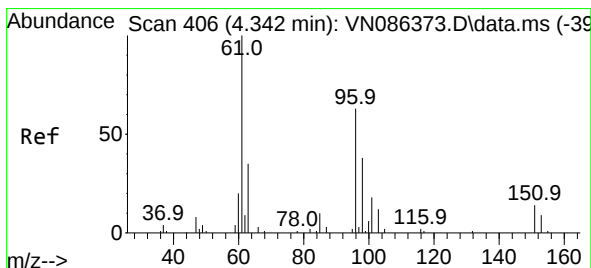
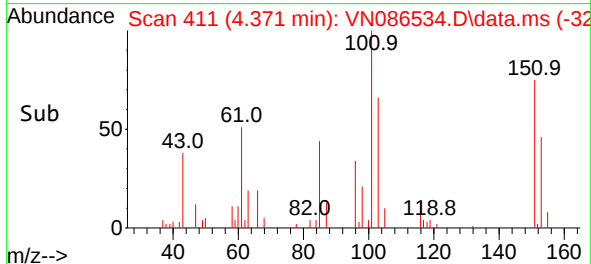
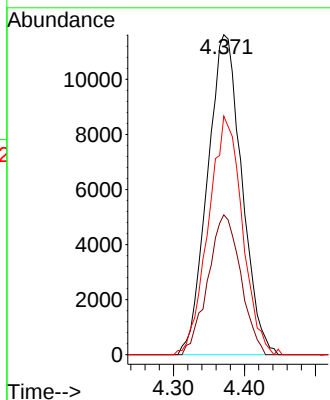
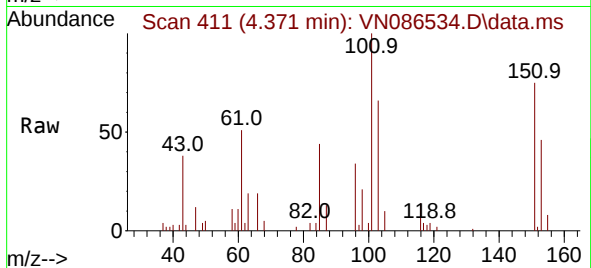
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1,1,2-Trichlorotrifluoroethane
Concen: 24.489 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Instrument :
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ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS

Tgt Ion:101 Resp: 38924
Ion Ratio Lower Upper
101 100
85 41.8 0.0 84.4
151 73.5 0.0 145.8

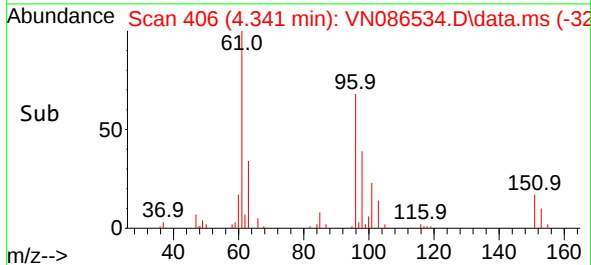
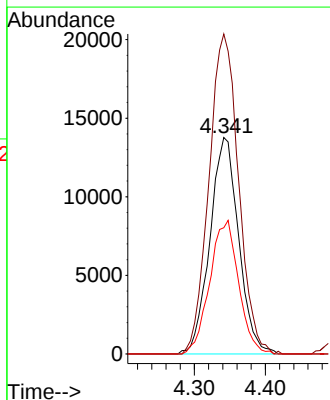
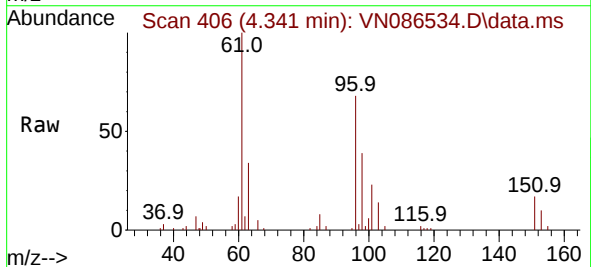
Manual Integrations
APPROVED

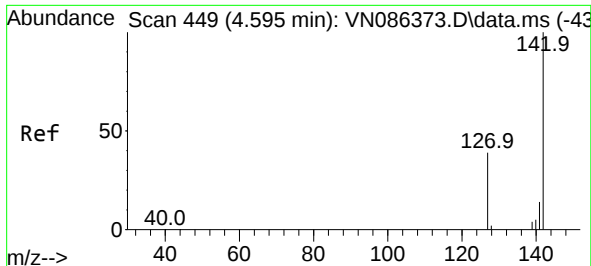
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#10
1,1-Dichloroethene
Concen: 23.790 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

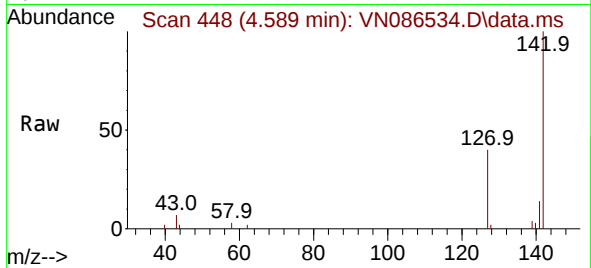
Tgt Ion: 96 Resp: 38703
Ion Ratio Lower Upper
96 100
61 147.8 126.2 189.4
98 58.4 48.5 72.7





#11
Methyl Iodide
Concen: 20.563 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

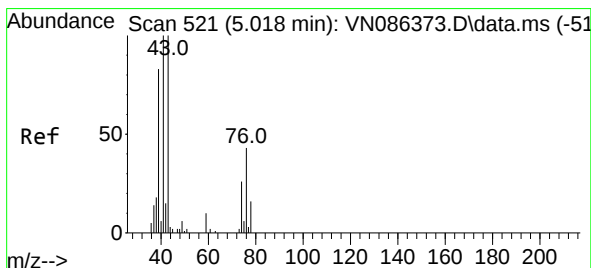
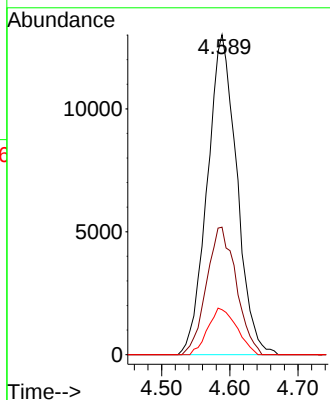
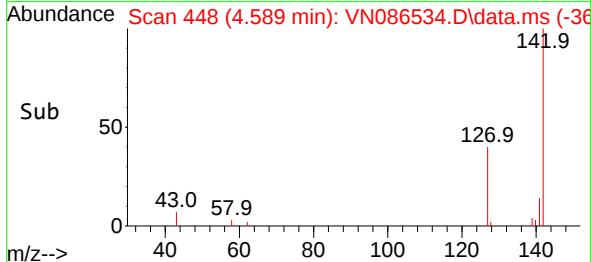
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion:142 Resp: 3914
Ion Ratio Lower Upper
142 100
127 39.8 19.3 57.9
141 14.0 7.1 21.3

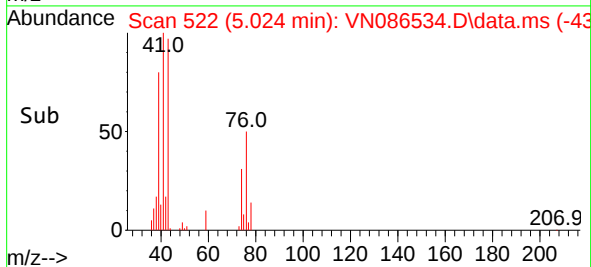
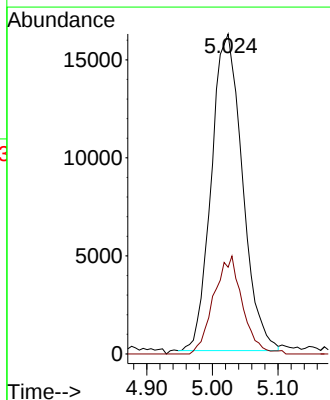
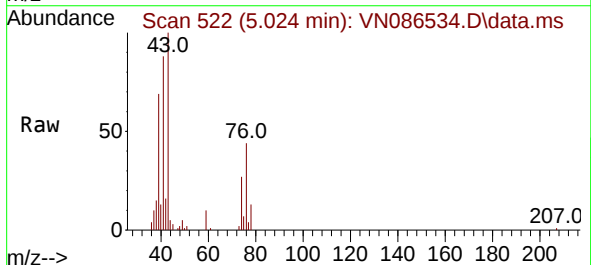
Manual Integrations
APPROVED

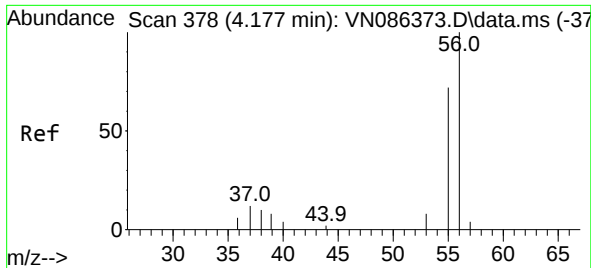
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#12
Methyl Acetate
Concen: 23.029 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

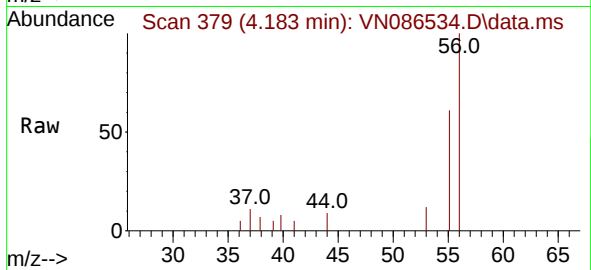
Tgt Ion: 43 Resp: 53104
Ion Ratio Lower Upper
43 100
74 27.1 20.8 31.2





#13
Acrolein
Concen: 90.015 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

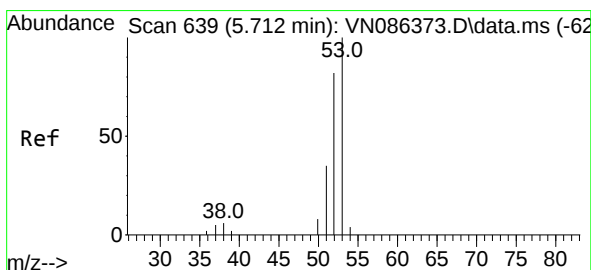
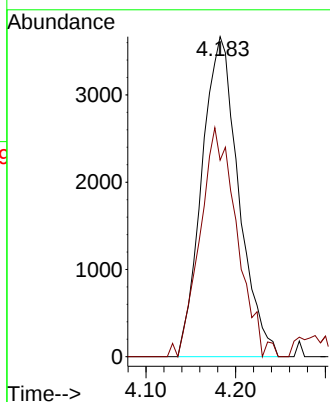
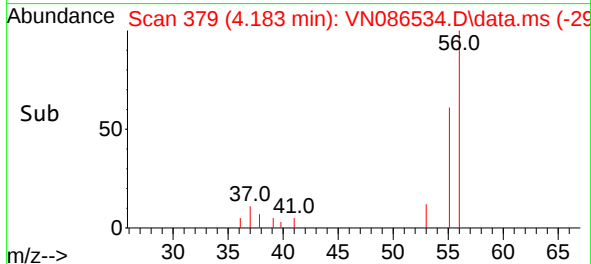
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion: 56 Resp: 1042
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1

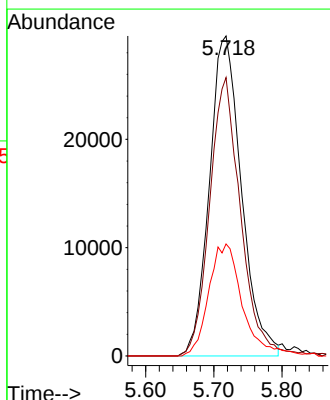
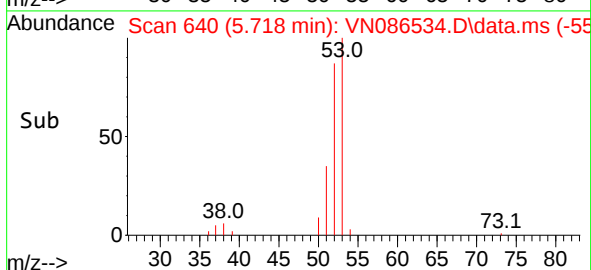
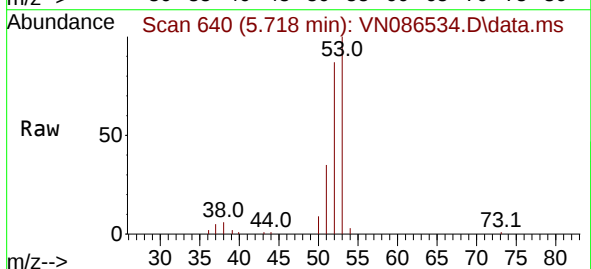
Manual Integrations
APPROVED

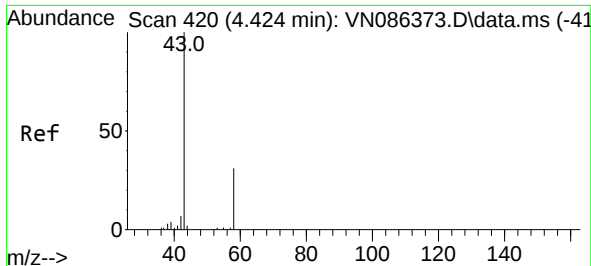
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#14
Acrylonitrile
Concen: 112.759 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Tgt Ion: 53 Resp: 96772
Ion Ratio Lower Upper
53 100
52 83.9 41.2 123.6
51 36.8 17.6 52.8





#15

Acetone

Concen: 1029.187 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN086534.D

Acq: 07 May 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(MAY)MS

Tgt Ion: 58 Resp: 24338

Ion Ratio Lower Upper

58 100

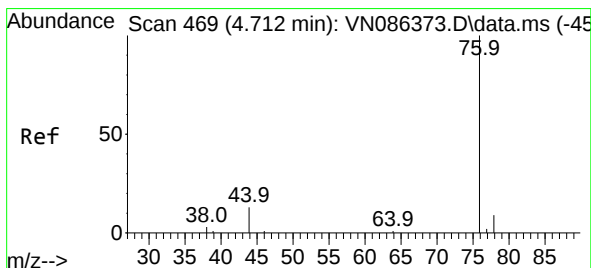
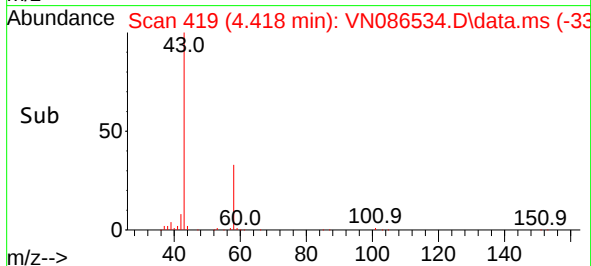
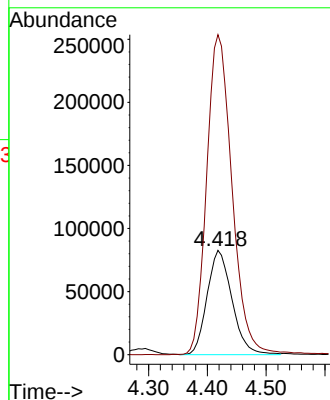
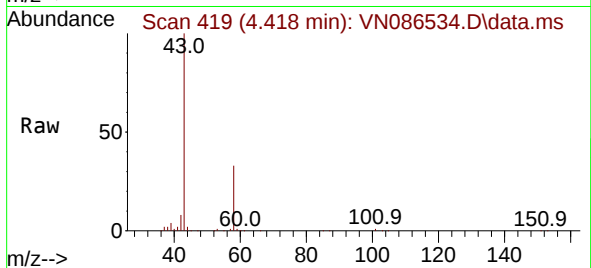
43 306.5 255.1 382.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#16

Carbon Disulfide

Concen: 31.826 ug/l

RT: 4.718 min Scan# 470

Delta R.T. 0.006 min

Lab File: VN086534.D

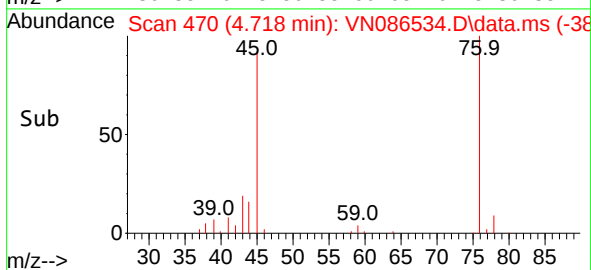
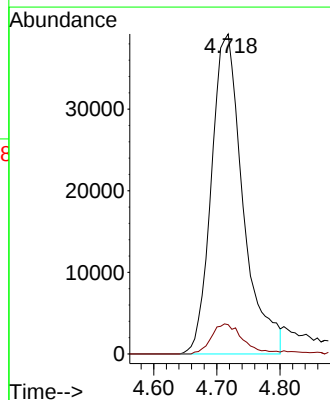
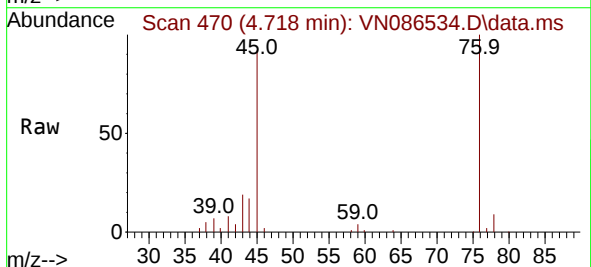
Acq: 07 May 2025 14:45

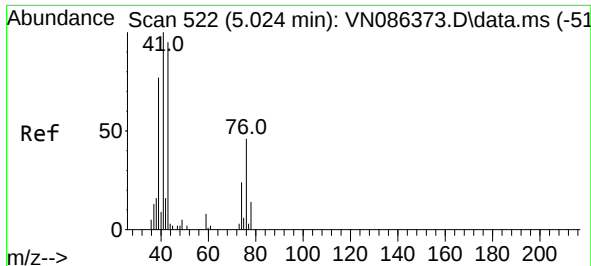
Tgt Ion: 76 Resp: 136437

Ion Ratio Lower Upper

76 100

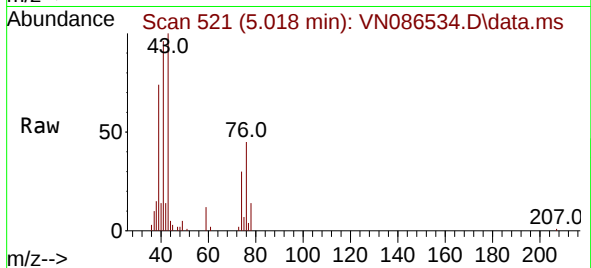
78 9.2 7.1 10.7





#17
 Allyl chloride
 Concen: 18.664 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086534.D
 Acq: 07 May 2025 14:45

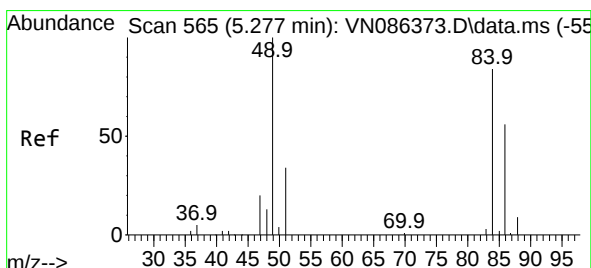
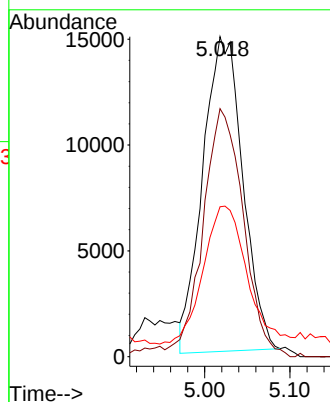
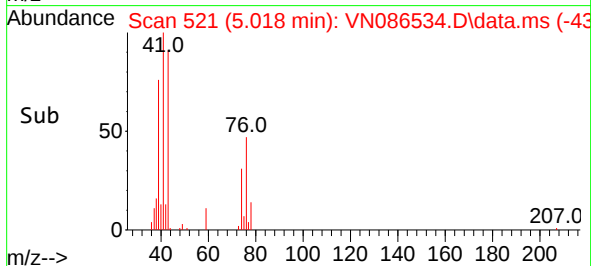
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion: 41 Resp: 48550
 Ion Ratio Lower Upper
 41 100
 39 77.2 36.7 110.1
 76 41.3 21.8 65.4

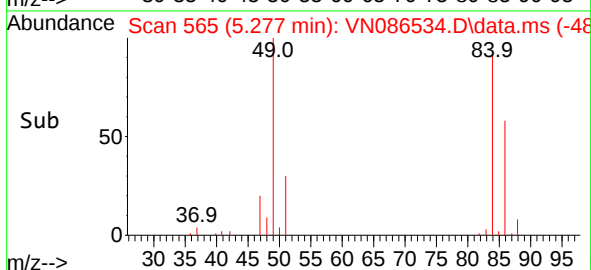
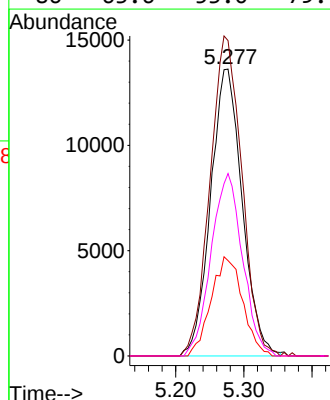
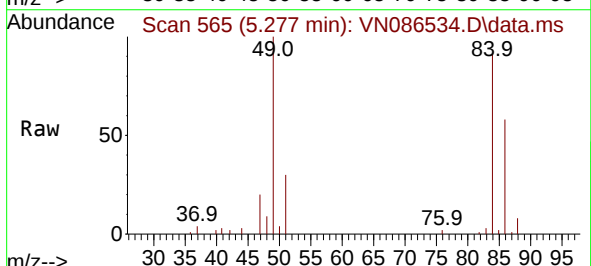
Manual Integrations
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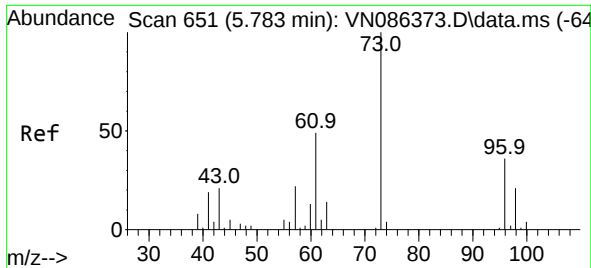
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025



#18
 Methylene Chloride
 Concen: 23.711 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN086534.D
 Acq: 07 May 2025 14:45

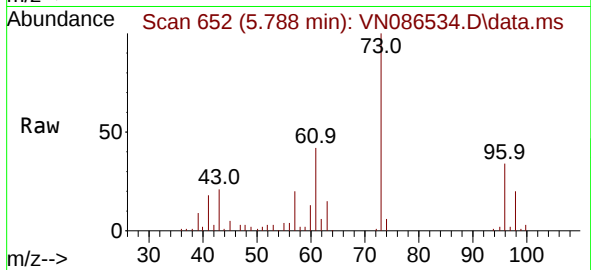
Tgt Ion: 84 Resp: 43929
 Ion Ratio Lower Upper
 84 100
 49 109.9 95.4 143.0
 51 33.2 32.8 49.2
 86 63.6 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 22.767 ug/l
RT: 5.788 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

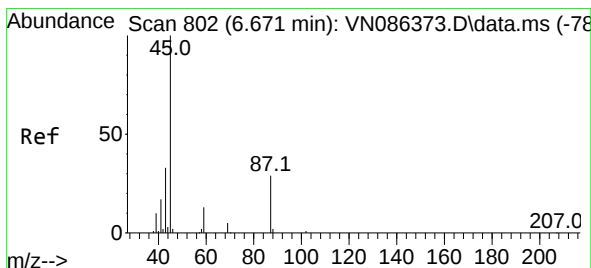
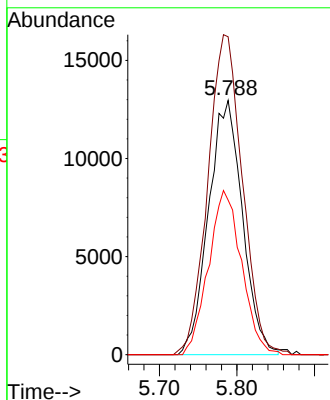
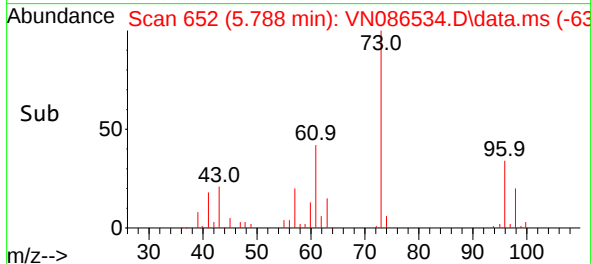
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion: 96 Resp: 39479
Ion Ratio Lower Upper
96 100
61 123.5 107.3 160.9
98 60.8 46.7 70.1

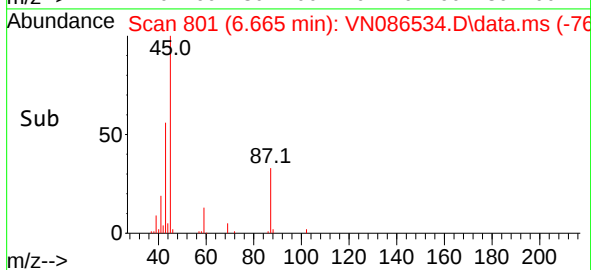
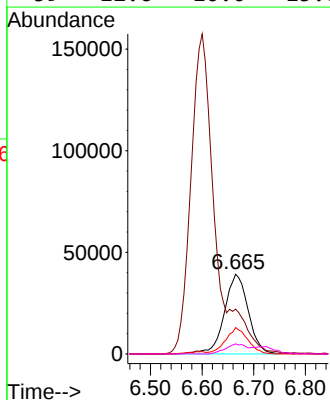
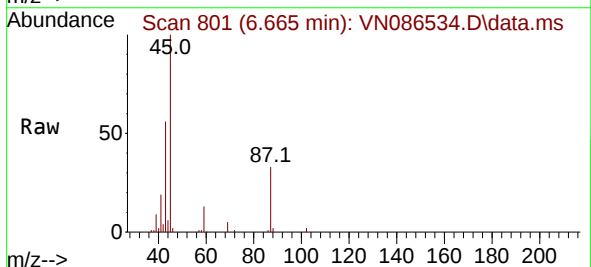
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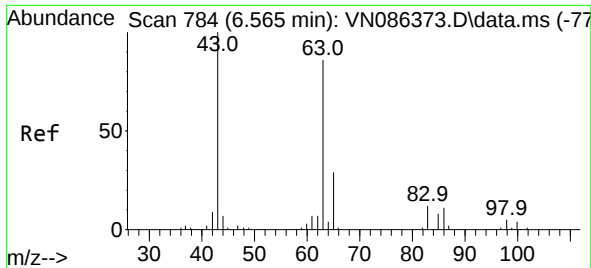
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#20
Diisopropyl ether
Concen: 20.335 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Tgt Ion: 45 Resp: 125778
Ion Ratio Lower Upper
45 100
43 53.7 38.8 58.2
87 33.2 23.5 35.3
59 12.6 10.0 15.0





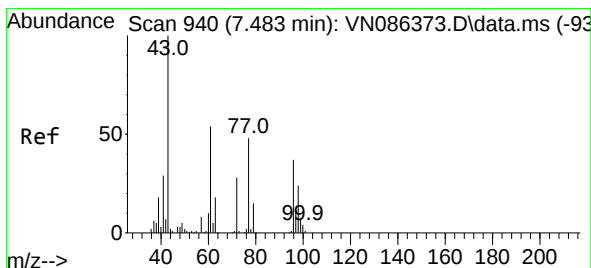
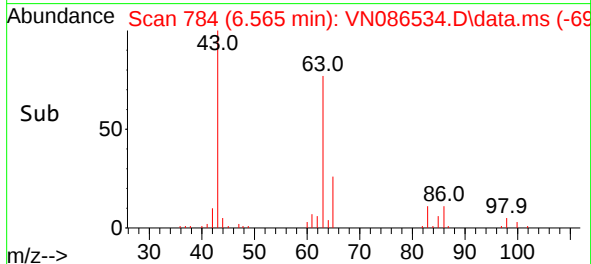
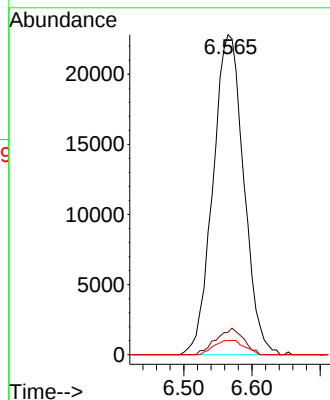
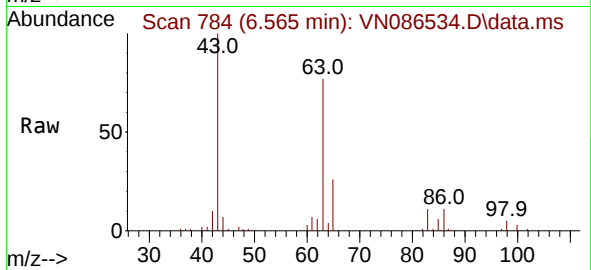
#21
1,1-Dichloroethane
Concen: 21.209 ug/l
RT: 6.565 min Scan# 7180
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

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

Tgt Ion: 63 Resp: 7180
Ion Ratio Lower Upper
63 100
98 7.0 3.0 9.2
100 4.4 2.3 6.8

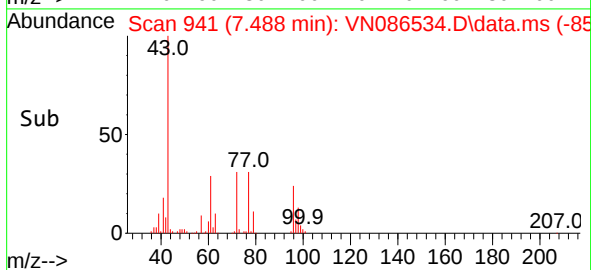
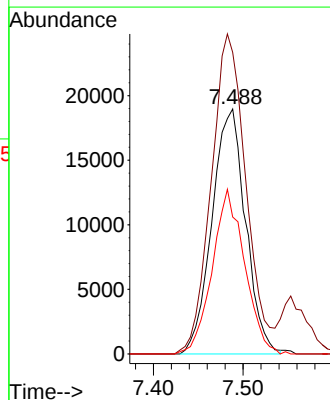
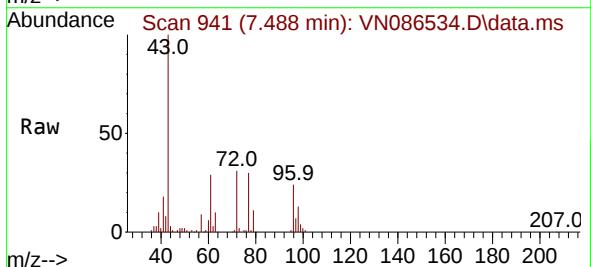
Manual Integrations
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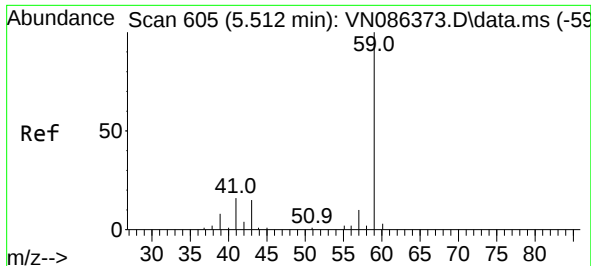
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#22
cis-1,2-Dichloroethene
Concen: 22.744 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Tgt Ion: 96 Resp: 49314
Ion Ratio Lower Upper
96 100
61 135.1 120.6 181.0
98 64.6 51.8 77.6





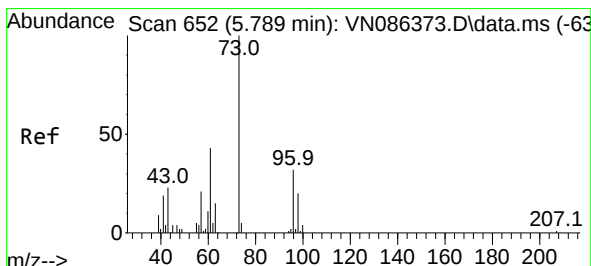
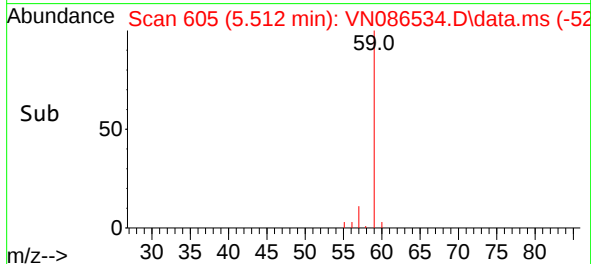
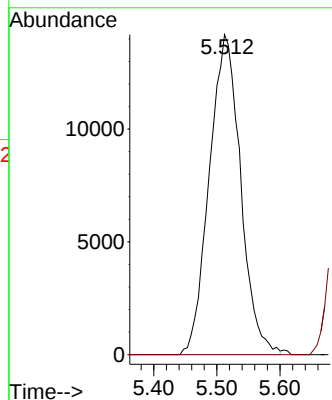
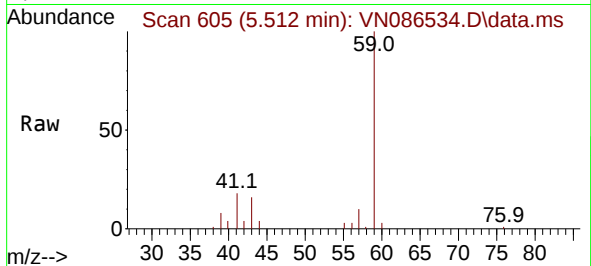
#23
tert-Butyl Alcohol
Concen: 146.956 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

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

Tgt Ion: 59 Resp: 4885
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

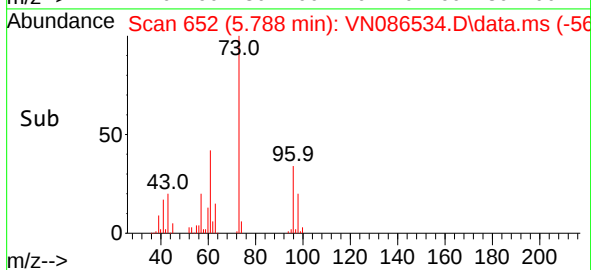
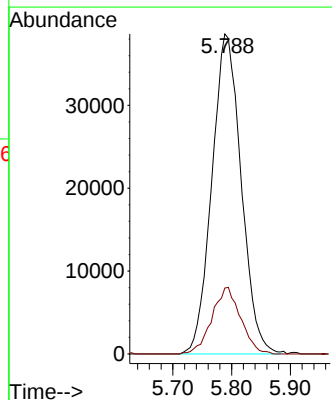
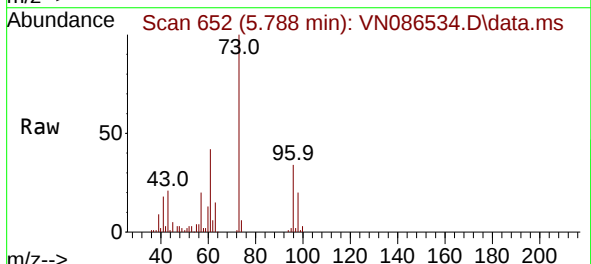
Manual Integrations
APPROVED

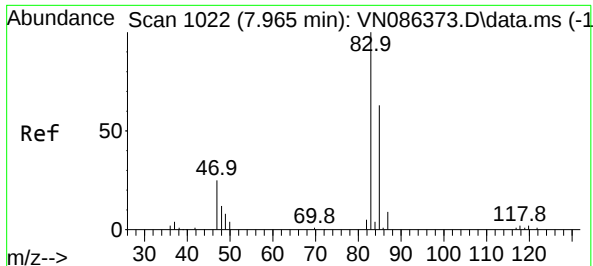
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#24
Methyl tert-Butyl Ether
Concen: 22.242 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Tgt Ion: 73 Resp: 133691
Ion Ratio Lower Upper
73 100
43 20.4 17.1 25.7





#25

Chloroform

Concen: 23.968 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086534.D

Acq: 07 May 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(MAY)MS

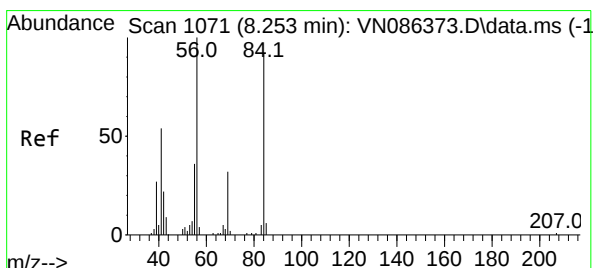
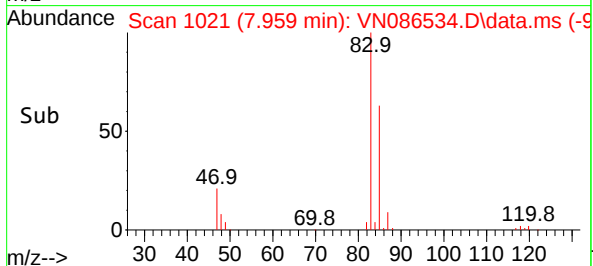
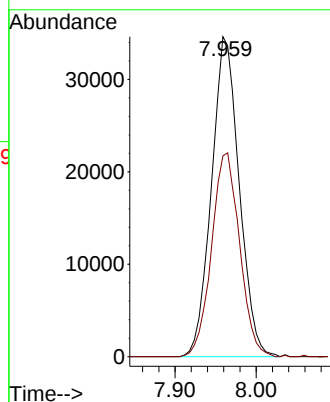
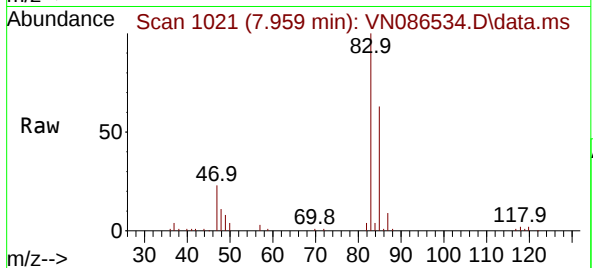
Tgt Ion: 83 Resp: 8212
 Ion Ratio Lower Upper
 83 100
 85 62.7 50.2 75.2

Manual Integrations

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Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#26

Cyclohexane

Concen: 20.838 ug/l

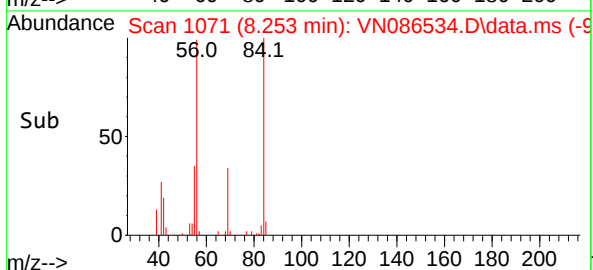
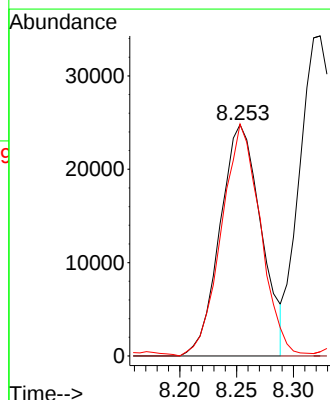
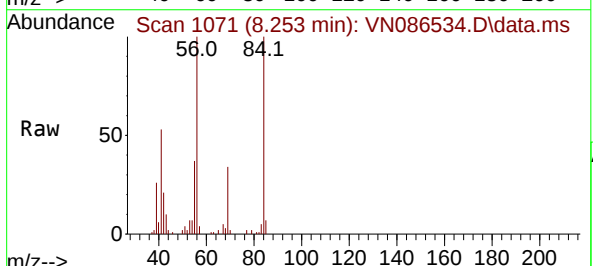
RT: 8.253 min Scan# 1071

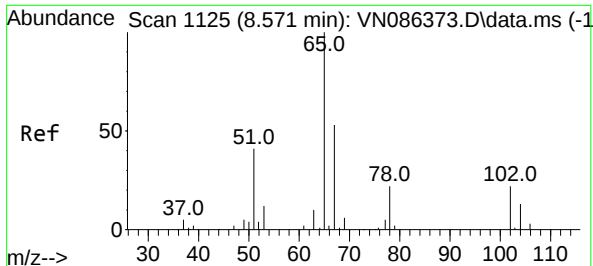
Delta R.T. -0.000 min

Lab File: VN086534.D

Acq: 07 May 2025 14:45

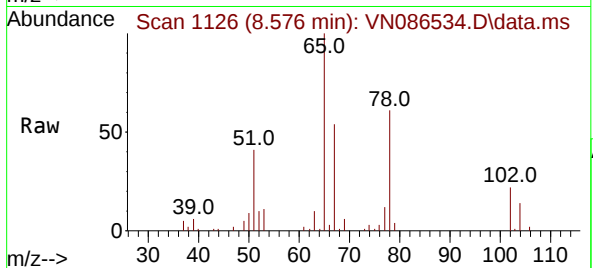
Tgt Ion: 56 Resp: 62294
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 95.3 71.5 107.3





#27
1,2-Dichloroethane-d4
Concen: 28.608 ug/l
RT: 8.576 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

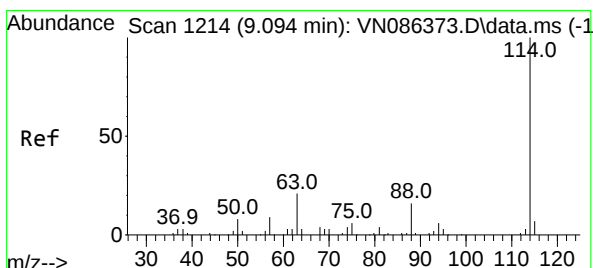
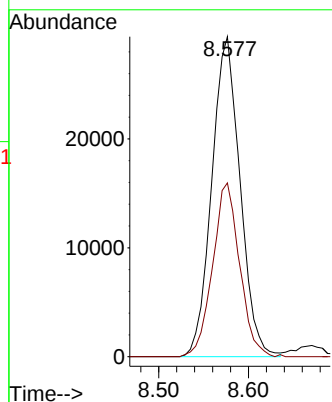
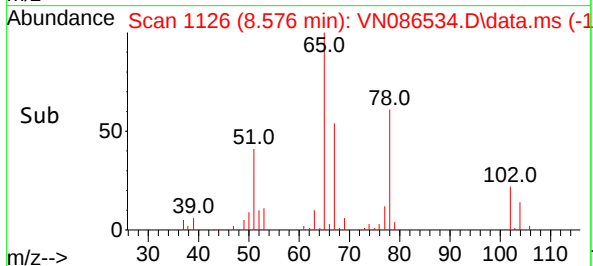
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



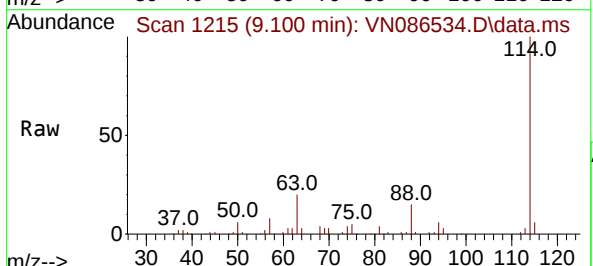
Tgt Ion: 65 Resp: 64320
Ion Ratio Lower Upper
65 100
67 51.7 42.5 63.7

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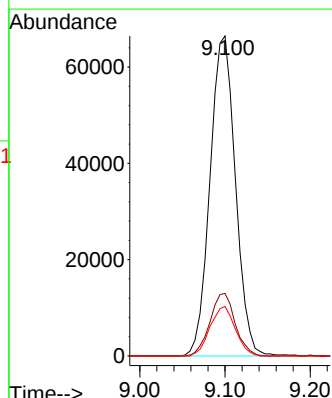
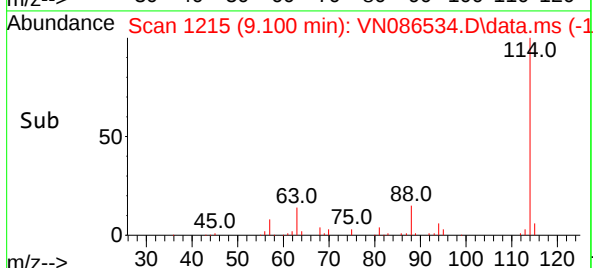
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

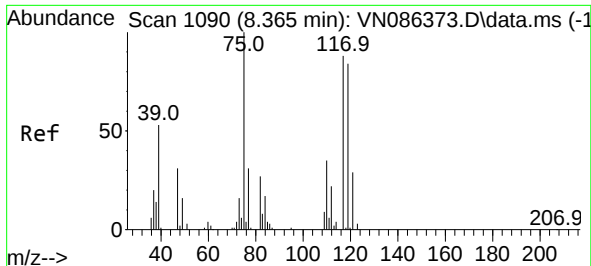


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45



Tgt Ion:114 Resp: 137659
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: 21.906 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN086534.D

Acq: 07 May 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(MAY)MS

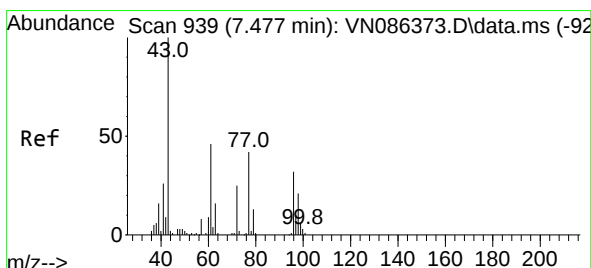
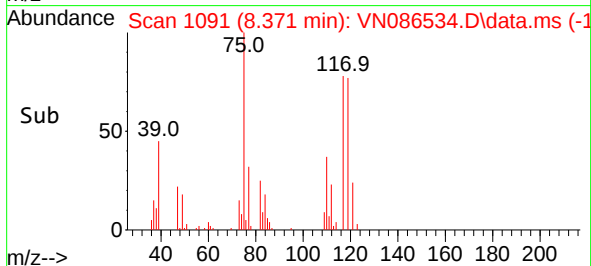
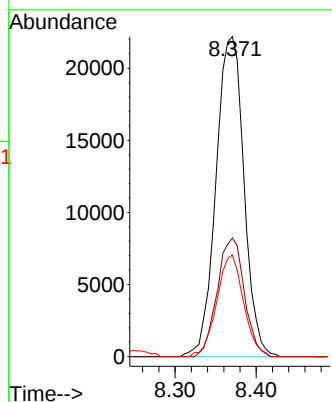
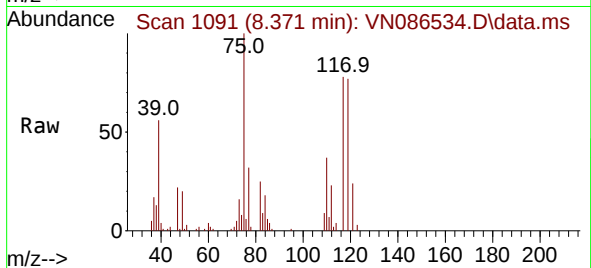
Tgt Ion: 75	Resp: 5316
Ion Ratio	Lower Upper
75 100	
110 35.8	0.0 68.0
77 30.4	0.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#30

2-Butanone

Concen: 216.983 ug/l

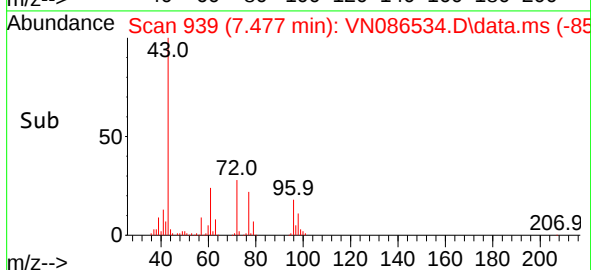
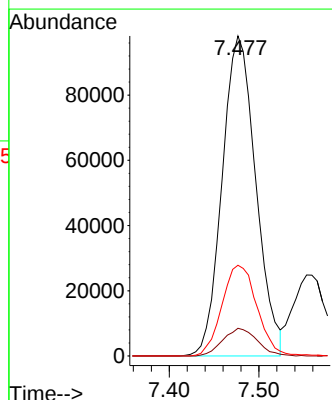
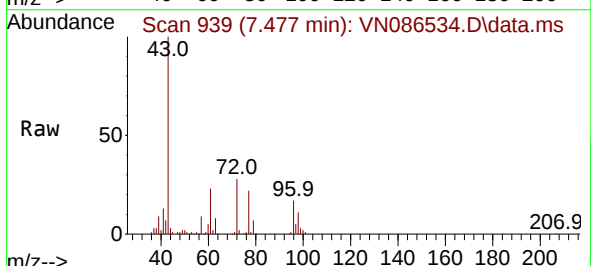
RT: 7.477 min Scan# 939

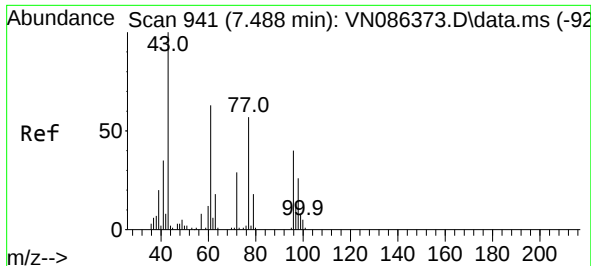
Delta R.T. -0.000 min

Lab File: VN086534.D

Acq: 07 May 2025 14:45

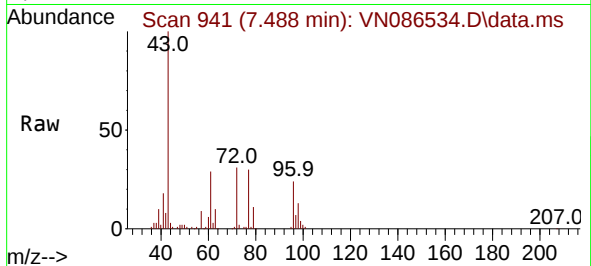
Tgt Ion: 43	Resp: 255586
Ion Ratio	Lower Upper
43 100	
57 8.8	6.6 10.0
72 29.6	22.2 33.4





#31
2,2-Dichloropropane
Concen: 21.937 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

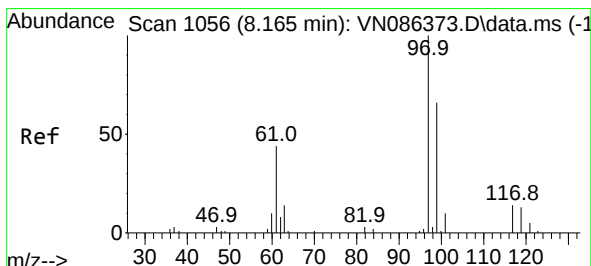
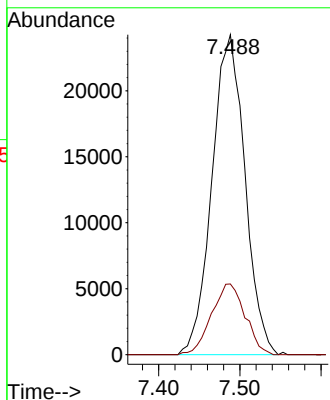
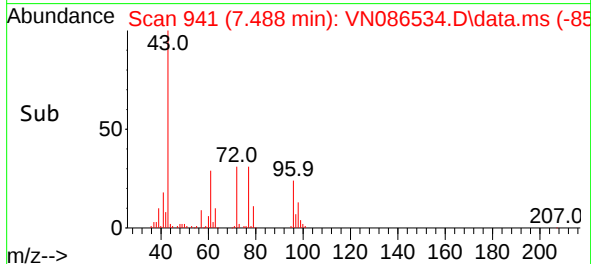
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



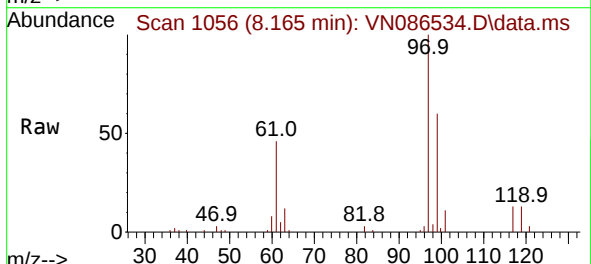
Tgt Ion: 77 Resp: 6843
Ion Ratio Lower Upper
77 100
97 22.5 18.2 27.2

Manual Integrations
APPROVED

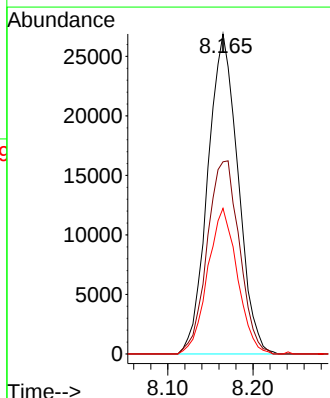
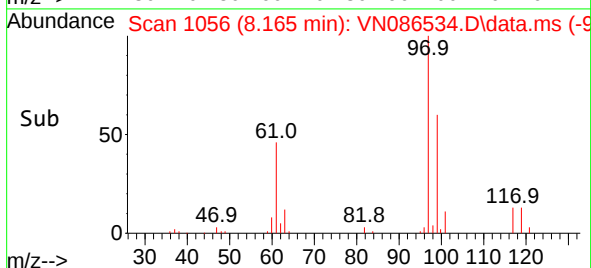
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

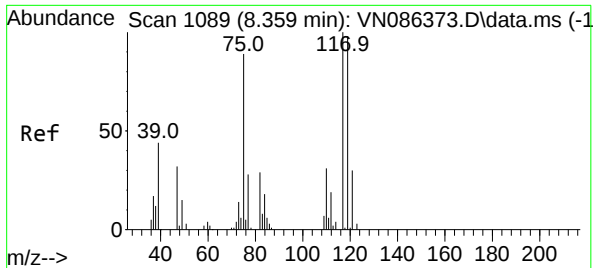


#32
1,1,1-Trichloroethane
Concen: 22.854 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45



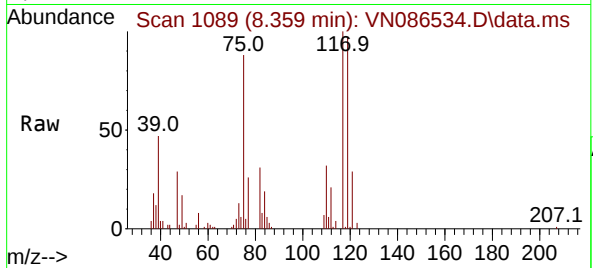
Tgt Ion: 97 Resp: 66276
Ion Ratio Lower Upper
97 100
99 64.4 52.6 79.0
61 44.6 36.4 54.6





#33
Carbon Tetrachloride
Concen: 23.573 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

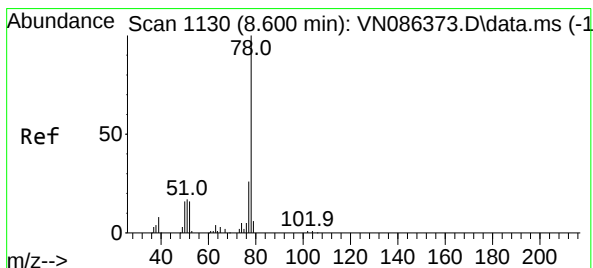
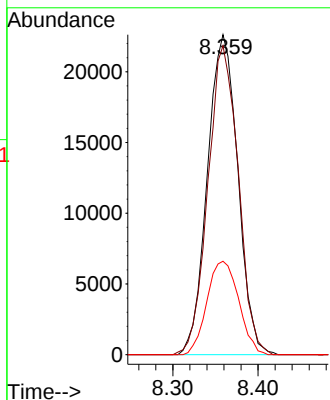
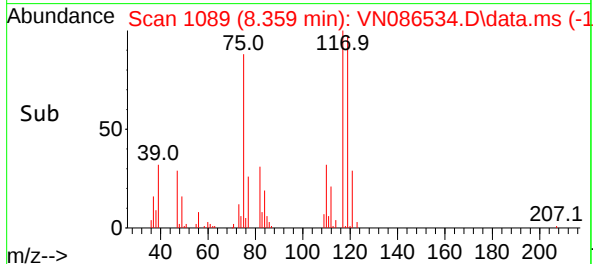
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion: 117 Resp: 5627
Ion Ratio Lower Upper
117 100
119 96.5 78.6 117.8
121 29.2 24.0 36.0

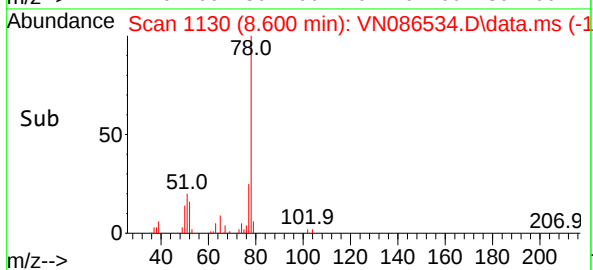
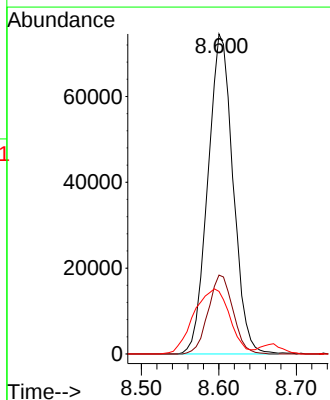
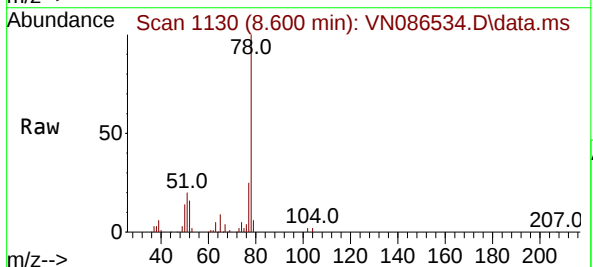
Manual Integrations
APPROVED

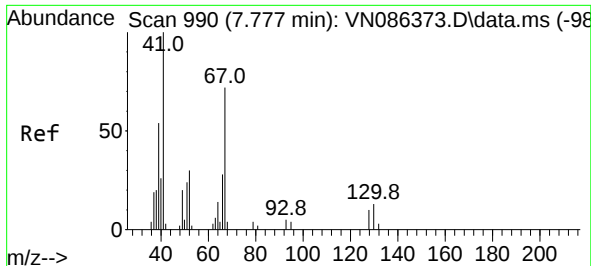
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#34
Benzene
Concen: 21.821 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Tgt Ion: 78 Resp: 168429
Ion Ratio Lower Upper
78 100
77 24.7 20.8 31.2
51 17.5 14.0 21.0





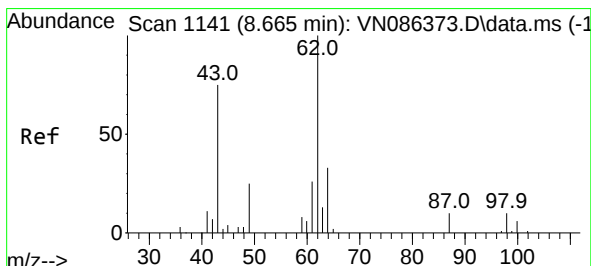
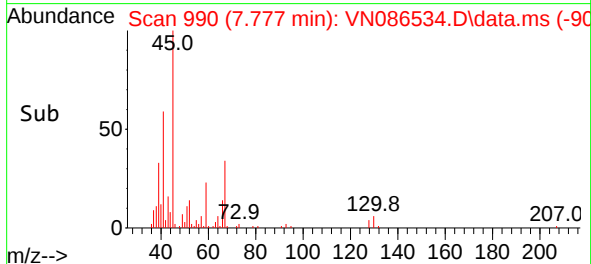
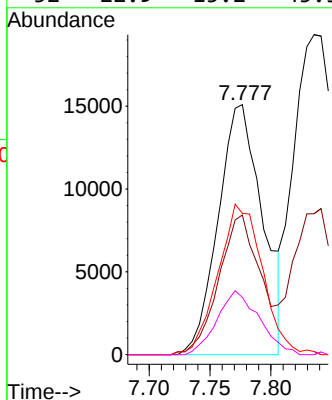
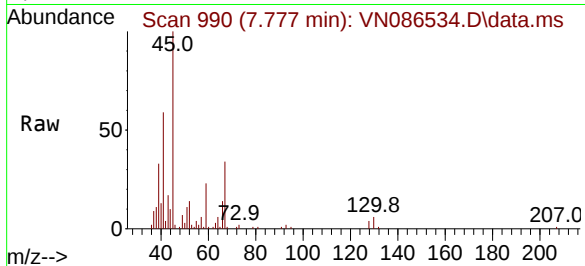
#35
Methacrylonitrile
Concen: 28.498 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

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

Tgt Ion: 41 Resp: 3829
Ion Ratio Lower Upper
41 100
39 54.7 27.0 80.8
67 55.5 35.8 107.3
52 22.9 15.2 45.5

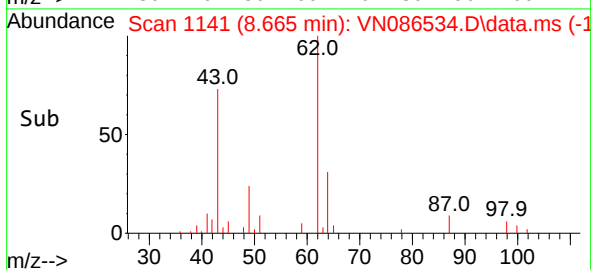
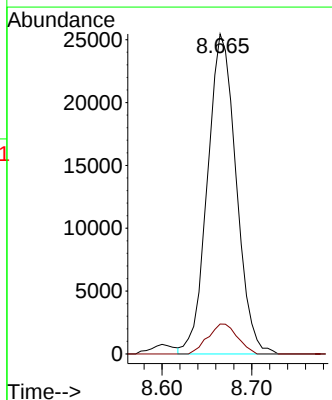
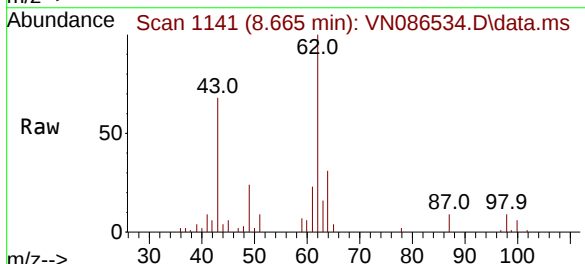
Manual Integrations
APPROVED

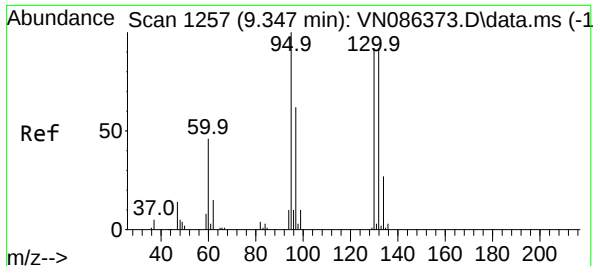
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#36
1,2-Dichloroethane
Concen: 22.536 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Tgt Ion: 62 Resp: 56477
Ion Ratio Lower Upper
62 100
98 9.6 7.6 11.4





#37

Trichloroethene

Concen: 22.985 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.000 min

Lab File: VN086534.D

Acq: 07 May 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(MAY)MS

Tgt Ion:130 Resp: 44414

Ion Ratio Lower Upper

130 100

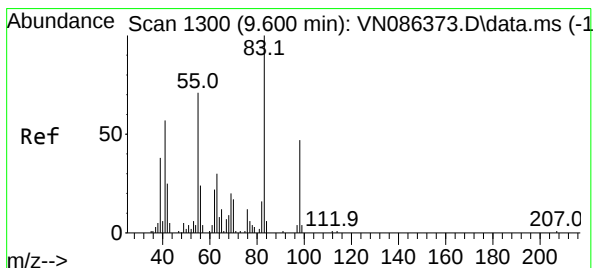
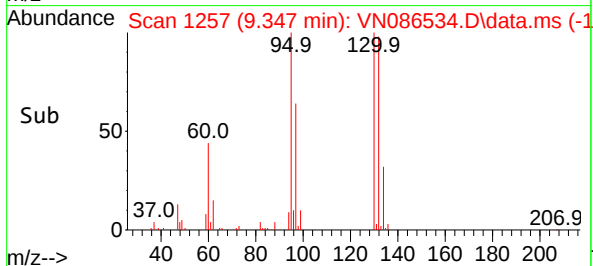
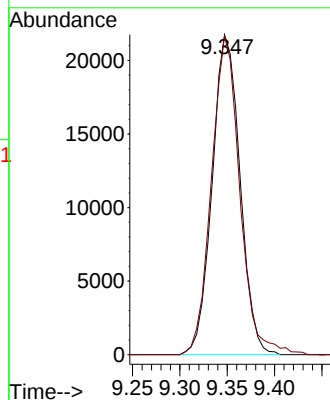
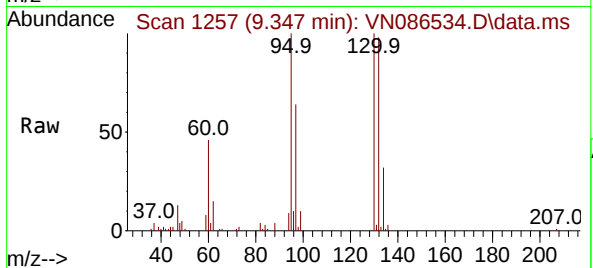
95 99.5 86.6 130.0

Manual Integrations

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Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#38

Methylcyclohexane

Concen: 23.920 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086534.D

Acq: 07 May 2025 14:45

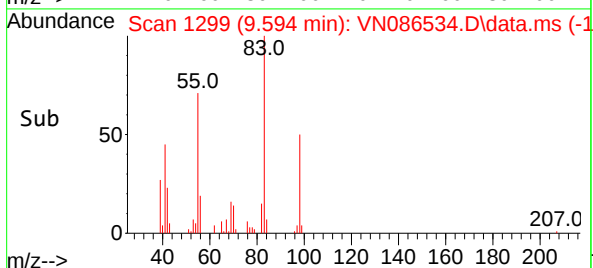
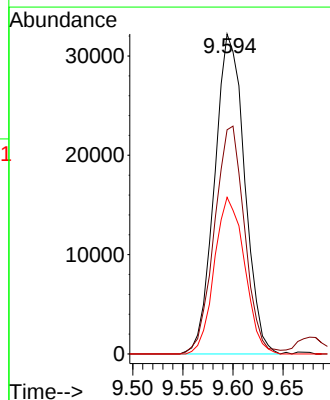
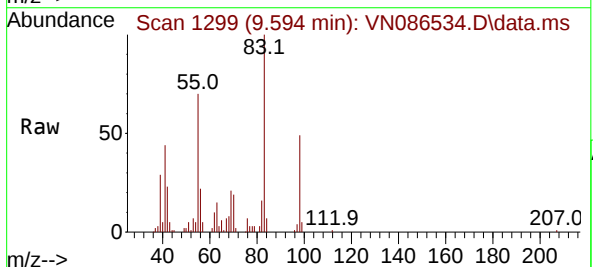
Tgt Ion: 83 Resp: 67043

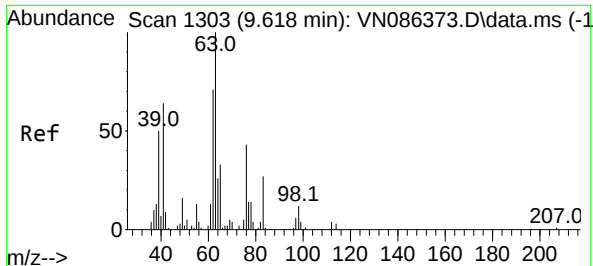
Ion Ratio Lower Upper

83 100

55 71.7 37.3 111.9

98 49.2 23.8 71.5





#39

1,2-Dichloropropane

Concen: 21.093 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086534.D

Acq: 07 May 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(MAY)MS

Tgt Ion: 63 Resp: 4022

Ion Ratio Lower Upper

63 100

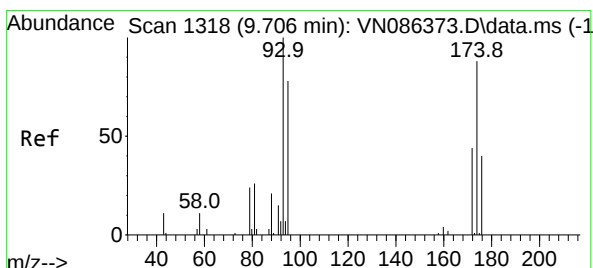
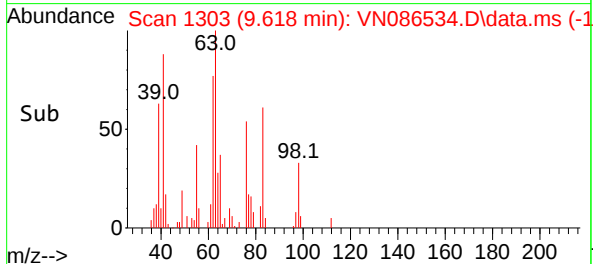
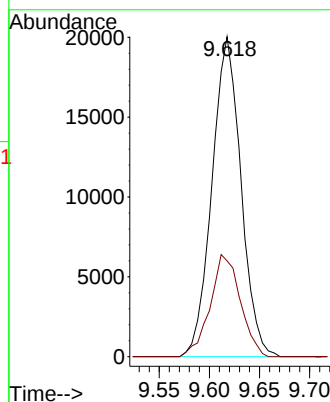
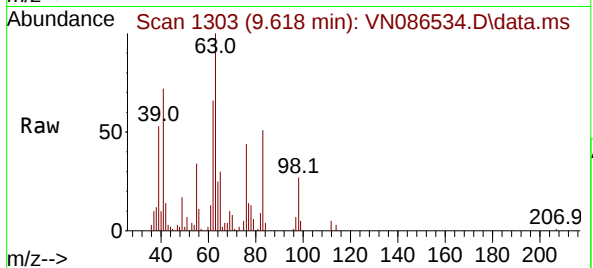
65 29.9 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#40

Dibromomethane

Concen: 22.262 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086534.D

Acq: 07 May 2025 14:45

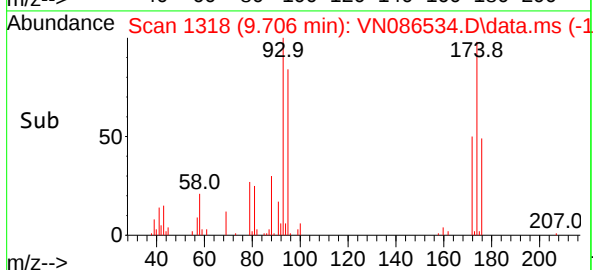
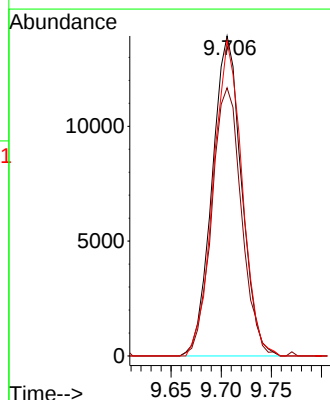
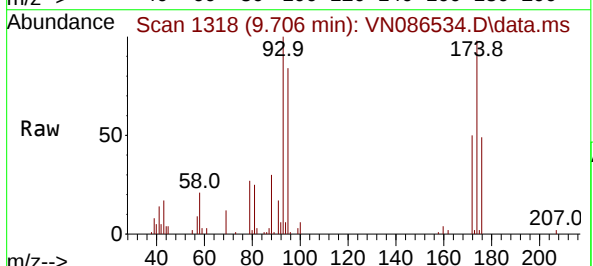
Tgt Ion: 93 Resp: 28389

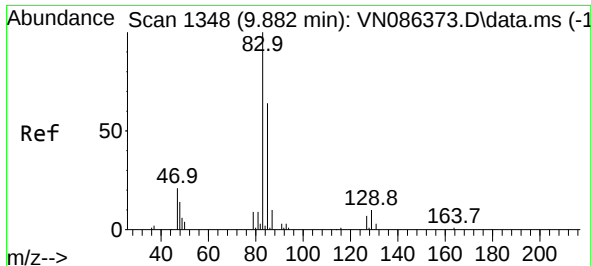
Ion Ratio Lower Upper

93 100

95 84.9 0.0 159.2

174 96.6 0.0 171.4





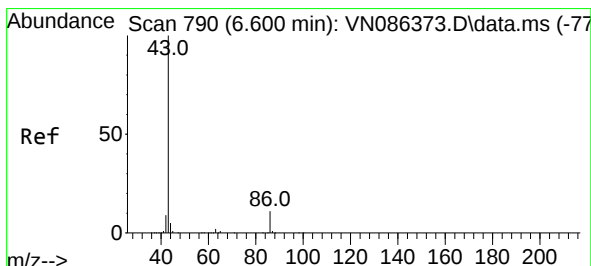
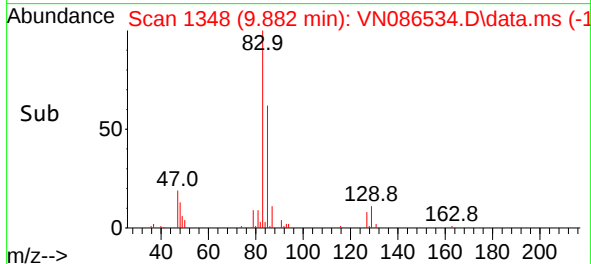
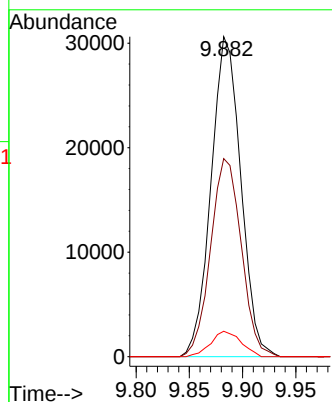
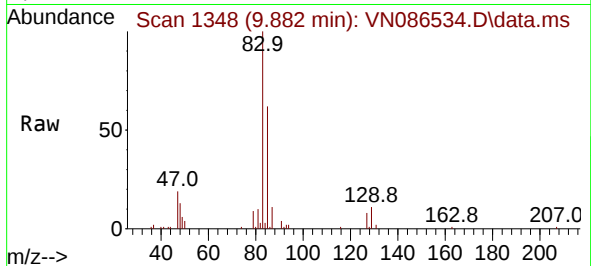
#41
Bromodichloromethane
Concen: 22.051 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

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

Tgt Ion: 83 Resp: 59508
Ion Ratio Lower Upper
83 100
85 61.9 51.1 76.7
127 7.9 5.9 8.9

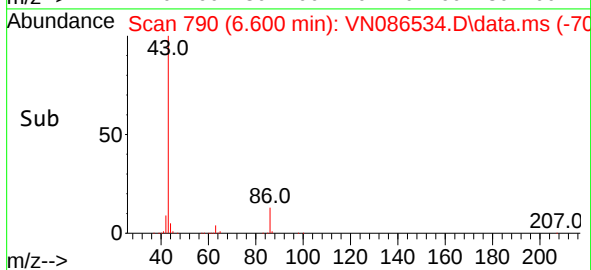
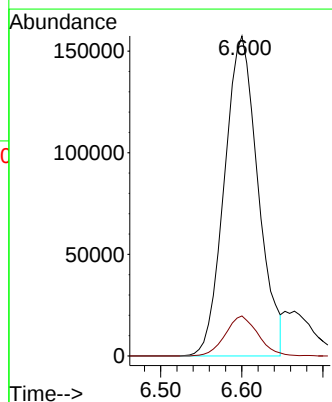
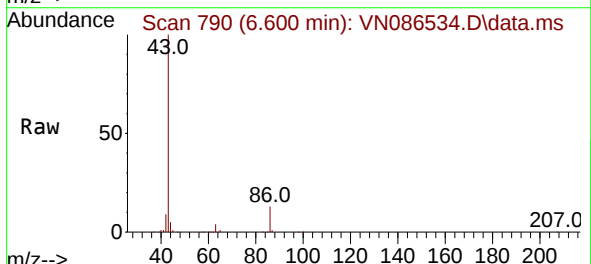
Manual Integrations
APPROVED

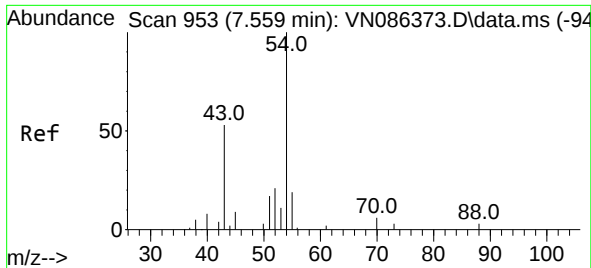
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#42
Vinyl Acetate
Concen: 111.290 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

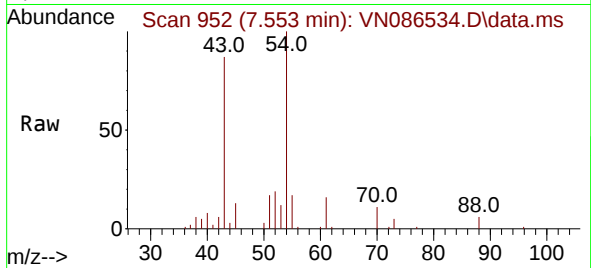
Tgt Ion: 43 Resp: 454105
Ion Ratio Lower Upper
43 100
86 12.1 8.9 13.3





#43
Ethyl Acetate
Concen: 28.204 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

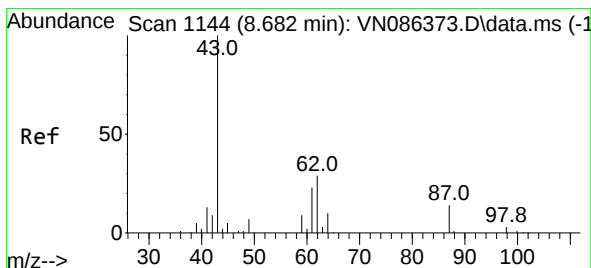
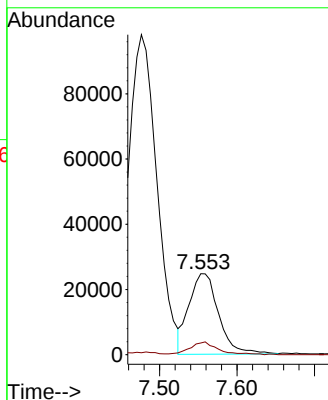
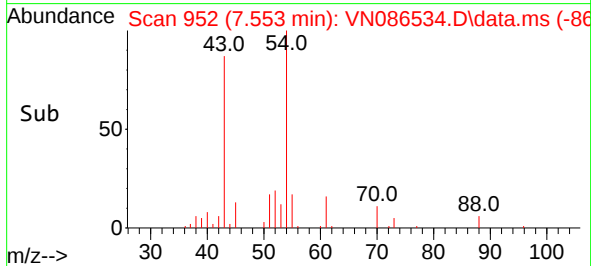
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion: 43 Resp: 65744
Ion Ratio Lower Upper
43 100
45 14.3 11.4 17.2

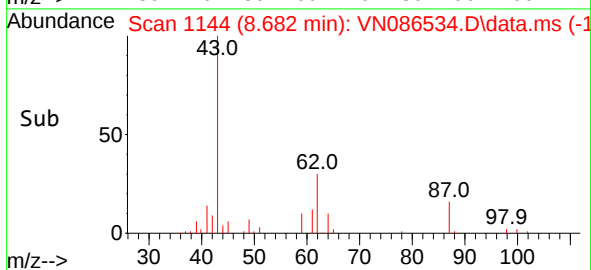
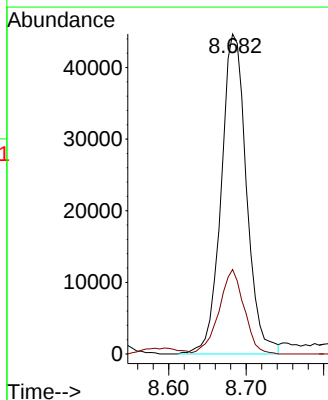
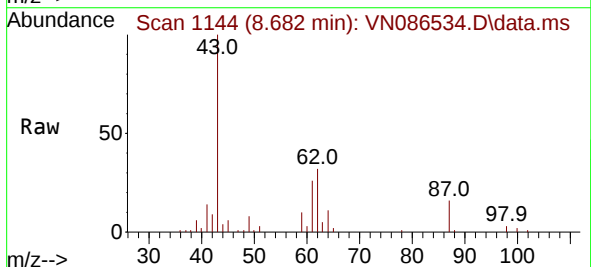
Manual Integrations
APPROVED

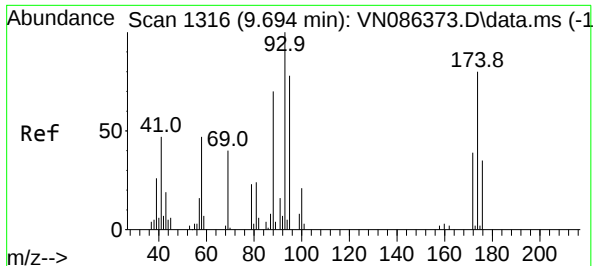
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#44
Isopropyl Acetate
Concen: 22.964 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

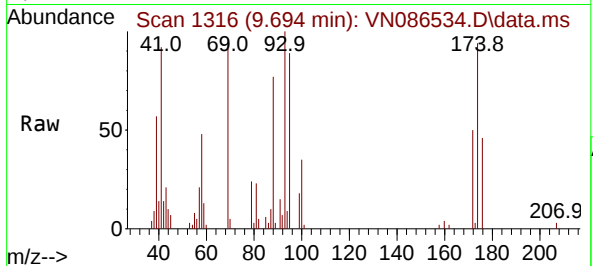
Tgt Ion: 43 Resp: 101595
Ion Ratio Lower Upper
43 100
61 26.2 21.0 31.4





#45
1,4-Dioxane
Concen: 450.979 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

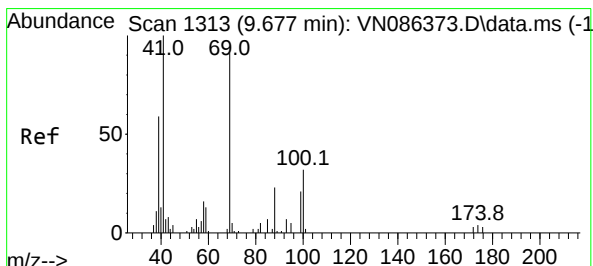
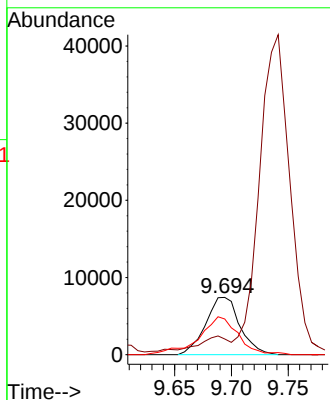
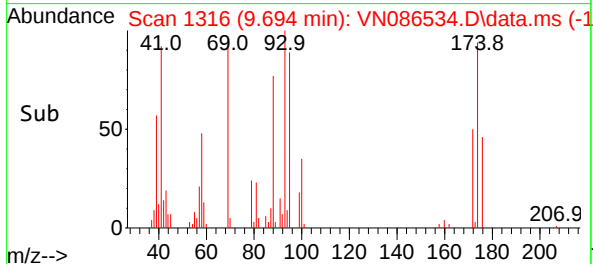
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MS



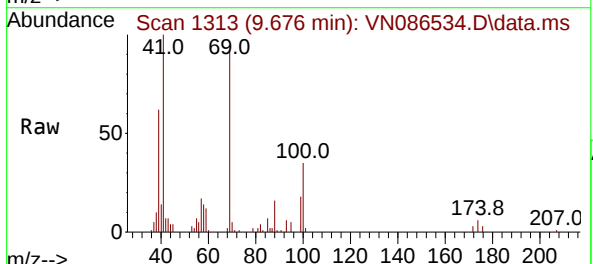
Tgt Ion: 88 Resp: 1556
Ion Ratio Lower Upper
88 100
43 29.6 24.9 37.3
58 68.0 57.8 86.8

Manual Integrations
APPROVED

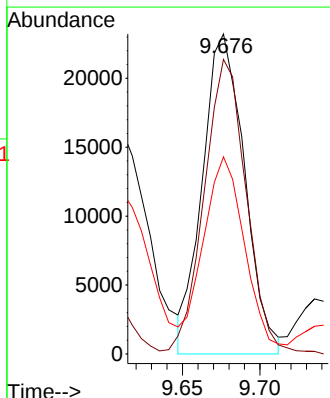
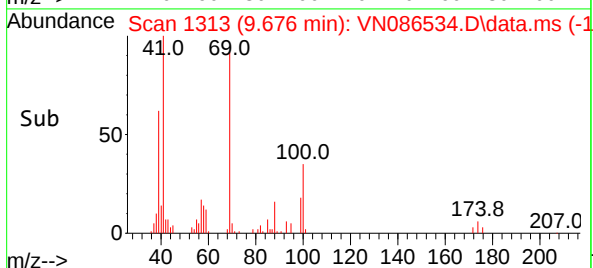
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

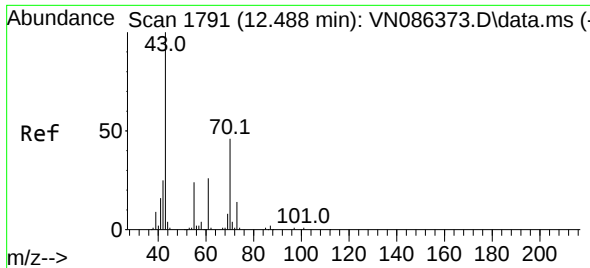


#46
Methyl methacrylate
Concen: 21.478 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45



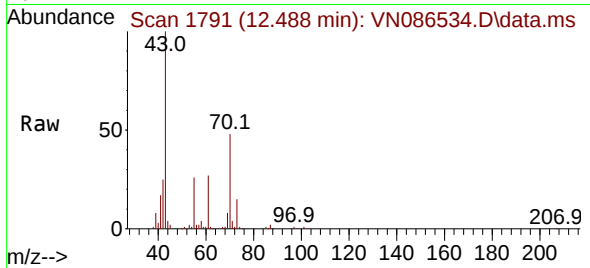
Tgt Ion: 41 Resp: 43831
Ion Ratio Lower Upper
41 100
69 94.2 44.1 132.3
39 61.7 30.0 90.1





#47
n-amy1 Acetate
Concen: 28.267 ug/l m
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

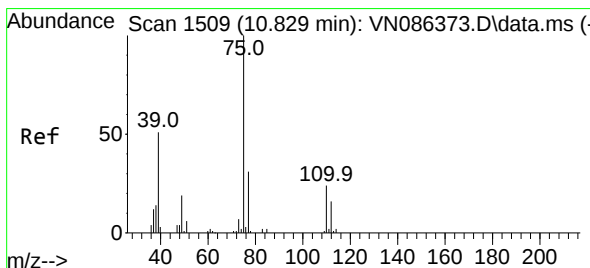
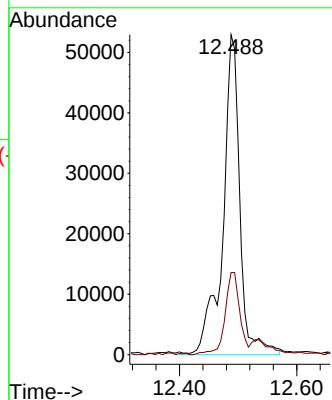
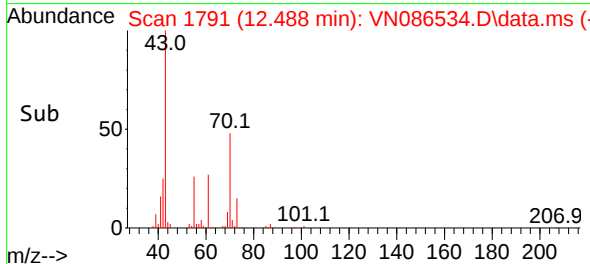
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion: 43 Resp: 106588
Ion Ratio Lower Upper
43 100
55 0.1 19.4 29.0

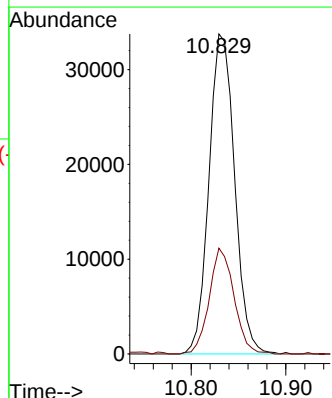
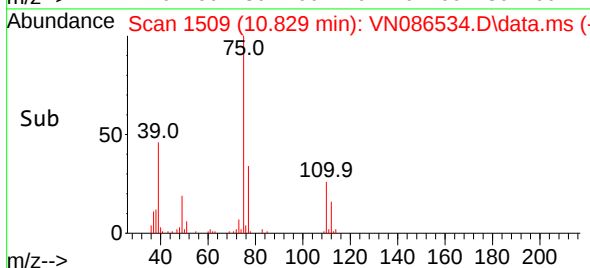
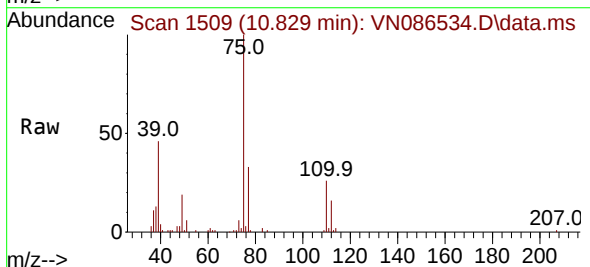
Manual Integrations
APPROVED

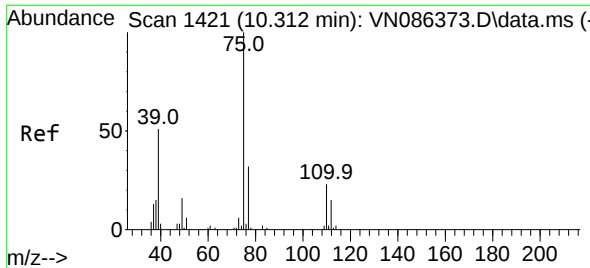
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#48
t-1,3-Dichloropropene
Concen: 21.046 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

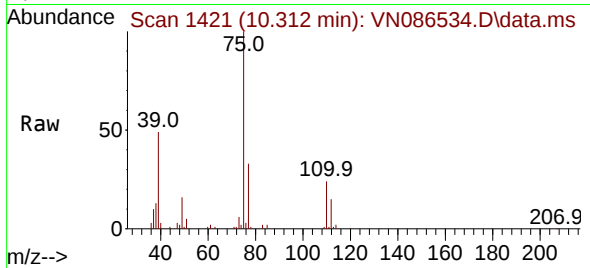
Tgt Ion: 75 Resp: 63497
Ion Ratio Lower Upper
75 100
77 33.1 24.4 36.6





#49
cis-1,3-Dichloropropene
Concen: 20.928 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

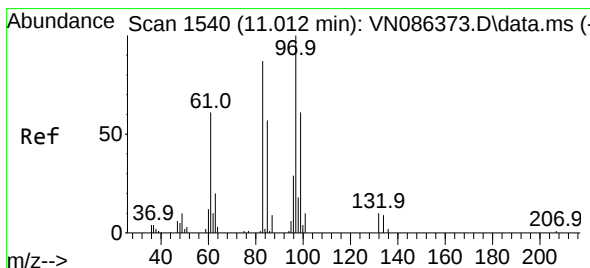
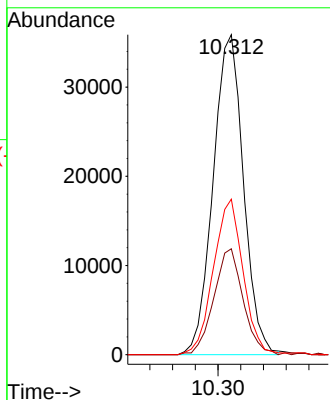
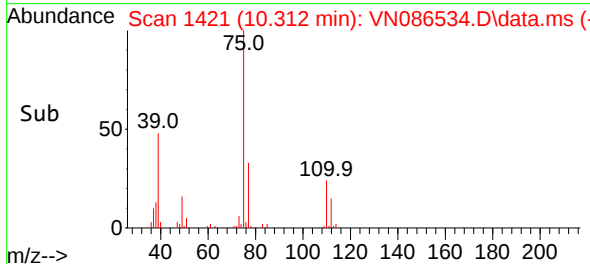
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion: 75 Resp: 66584
Ion Ratio Lower Upper
75 100
77 33.1 25.6 38.4
39 48.6 40.6 60.8

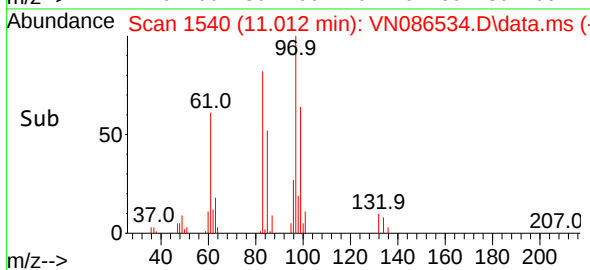
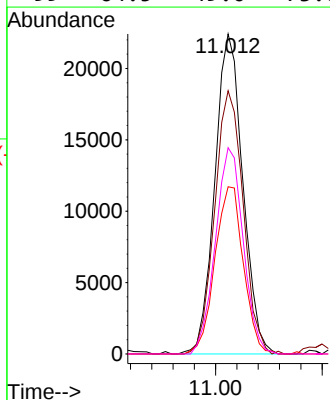
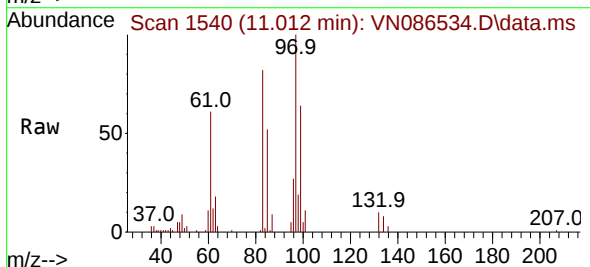
Manual Integrations
APPROVED

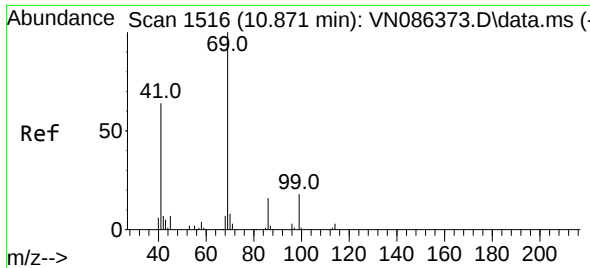
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#50
1,1,2-Trichloroethane
Concen: 22.909 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

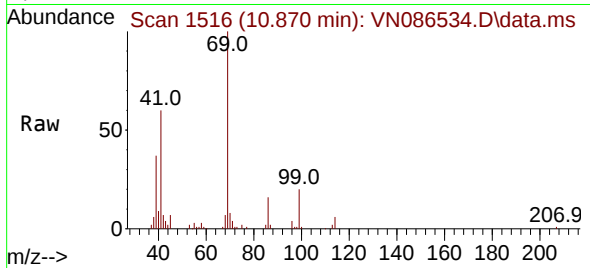
Tgt Ion: 97 Resp: 40806
Ion Ratio Lower Upper
97 100
83 82.2 69.3 103.9
85 52.3 45.5 68.3
99 64.5 49.0 73.6





#51
Ethyl methacrylate
Concen: 21.925 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

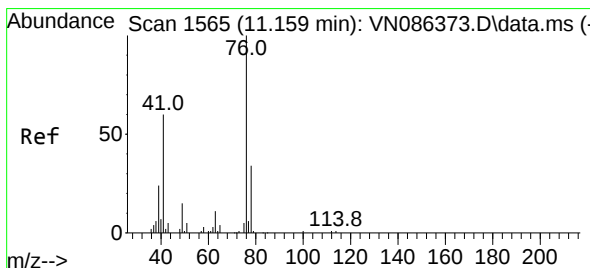
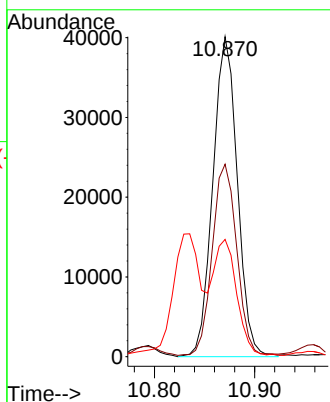
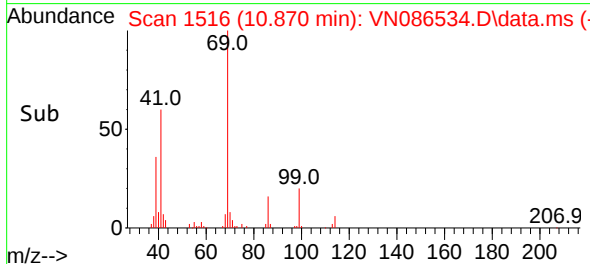
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion: 69 Resp: 68010
Ion Ratio Lower Upper
69 100
41 59.8 32.3 96.8
39 36.1 19.1 57.1

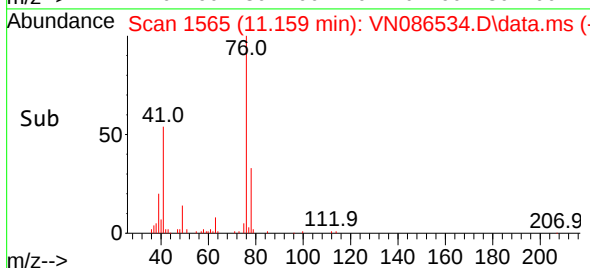
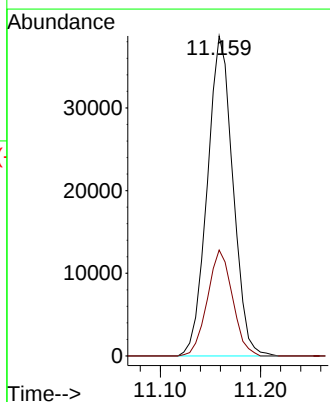
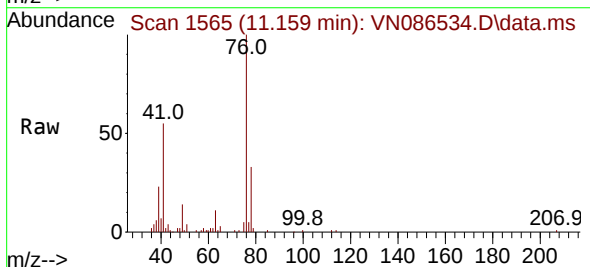
Manual Integrations
APPROVED

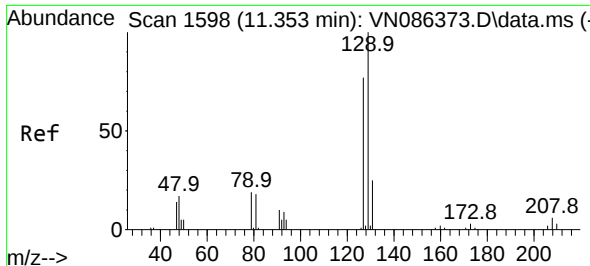
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#52
1,3-Dichloropropane
Concen: 21.834 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Tgt Ion: 76 Resp: 68735
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.6





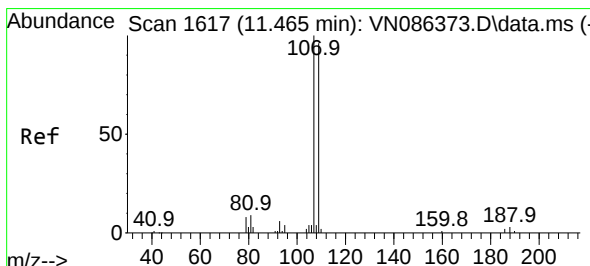
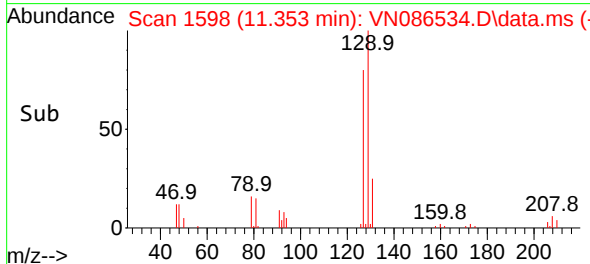
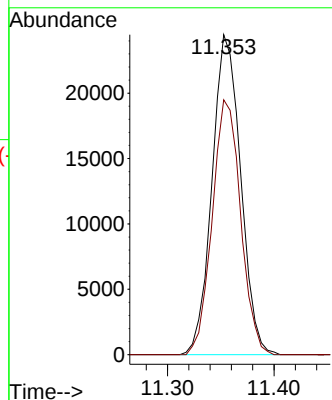
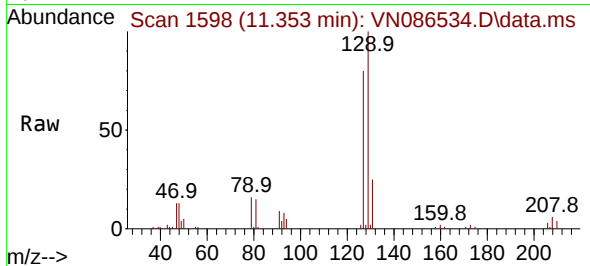
#53
Dibromochloromethane
Concen: 22.830 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

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

Tgt Ion:129 Resp: 4566
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.3

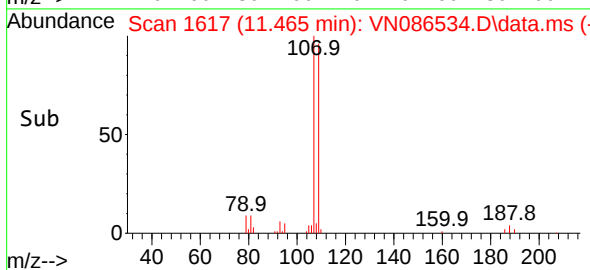
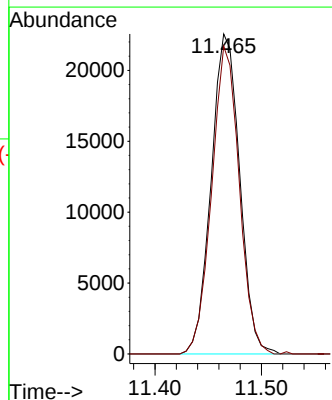
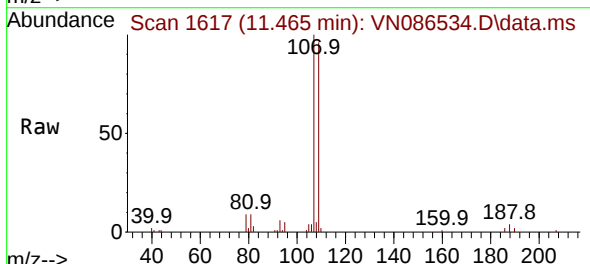
Manual Integrations
APPROVED

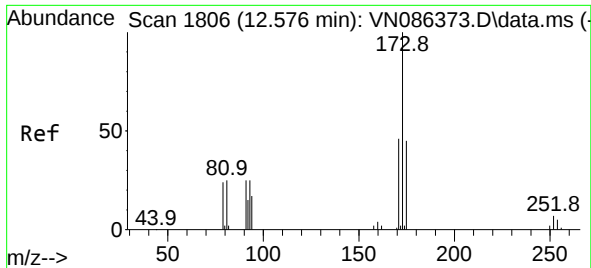
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#54
1,2-Dibromoethane
Concen: 23.171 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

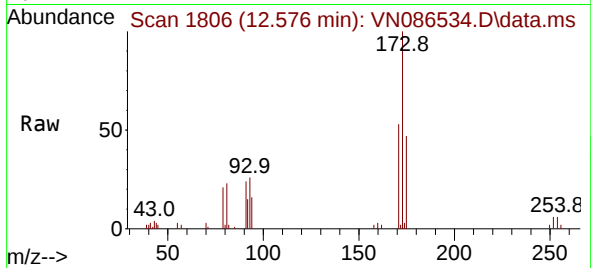
Tgt Ion:107 Resp: 41964
Ion Ratio Lower Upper
107 100
109 92.9 75.4 113.0





#56
Bromoform
Concen: 22.834 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

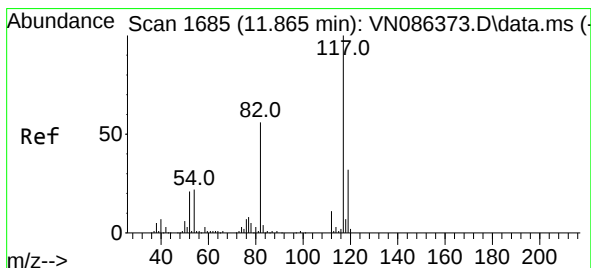
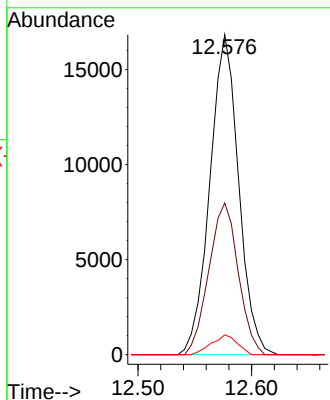
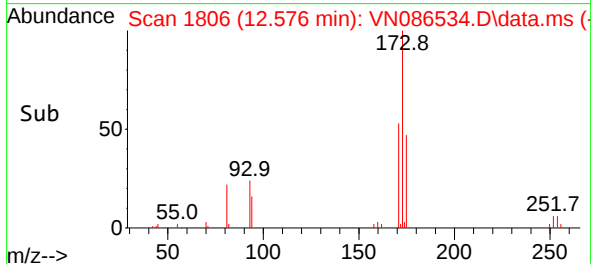
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion:173 Resp: 2963
Ion Ratio Lower Upper
173 100
175 48.4 39.0 58.6
254 5.5 3.8 5.6

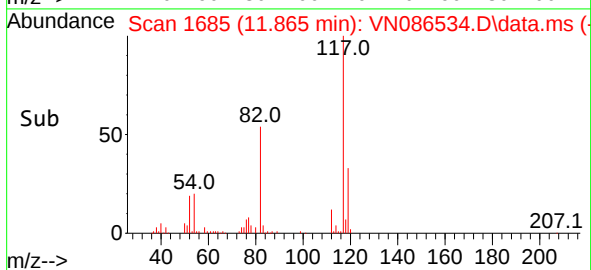
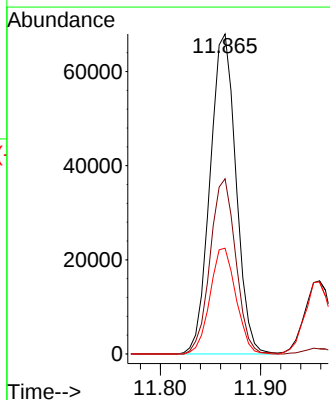
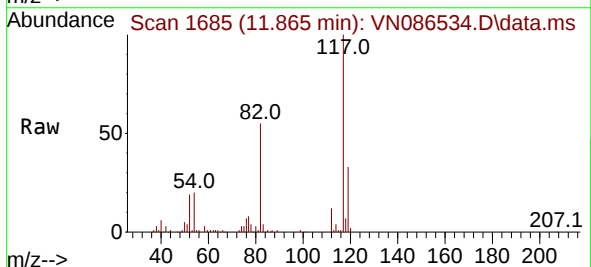
Manual Integrations
APPROVED

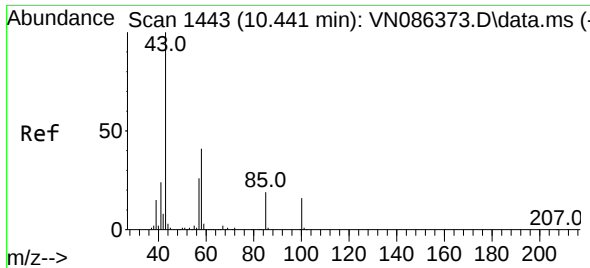
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Tgt Ion:117 Resp: 122368
Ion Ratio Lower Upper
117 100
82 53.9 45.5 68.3
119 33.0 25.9 38.9





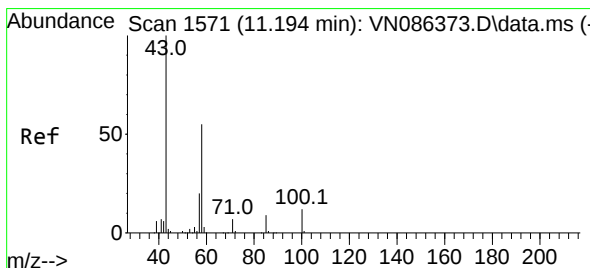
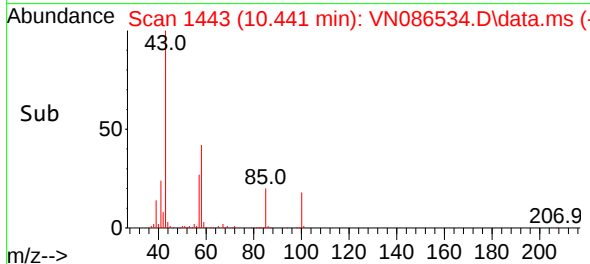
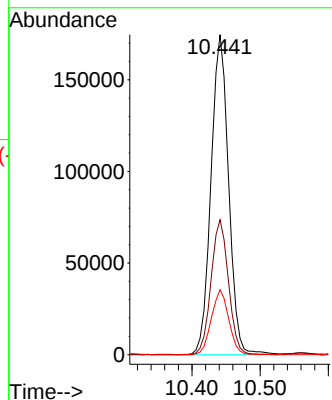
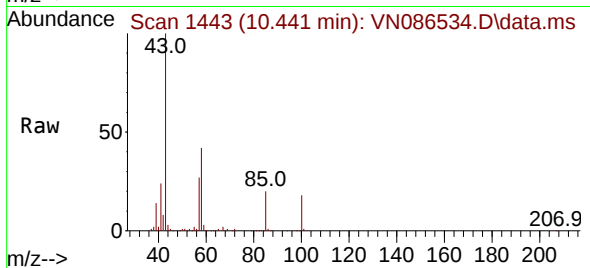
#58
4-Methyl-2-Pentanone
Concen: 132.577 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

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

Tgt Ion: 43 Resp: 31394
Ion Ratio Lower Upper
43 100
58 41.6 33.0 49.6
85 19.9 14.9 22.3

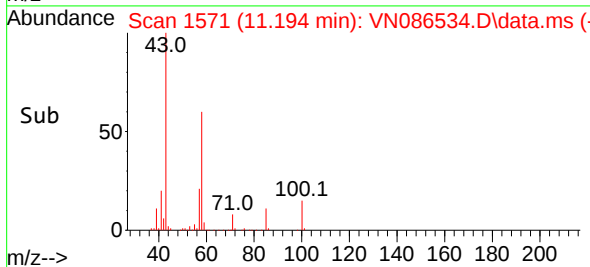
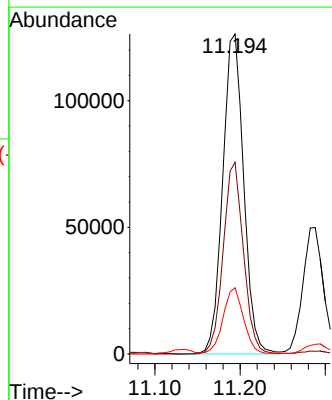
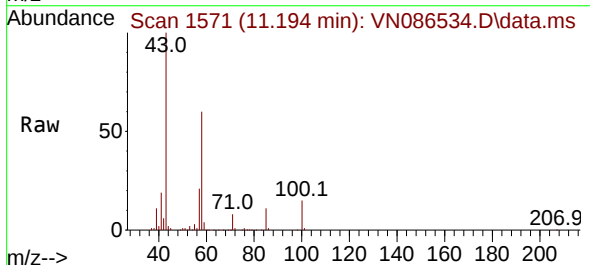
Manual Integrations
APPROVED

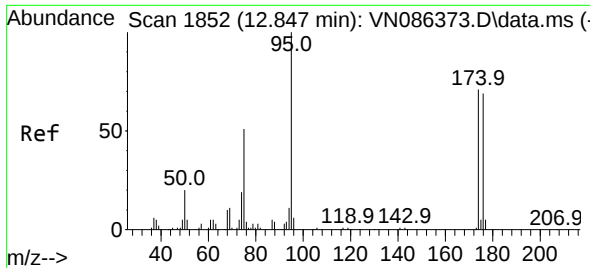
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#59
2-Hexanone
Concen: 123.856 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

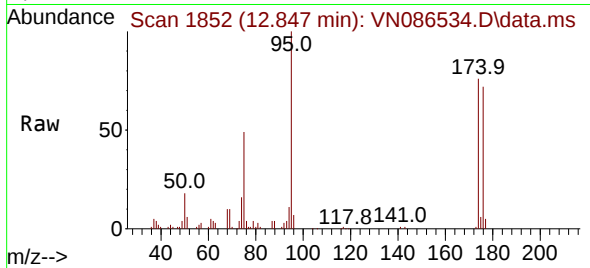
Tgt Ion: 43 Resp: 216133
Ion Ratio Lower Upper
43 100
58 57.8 45.0 67.6
57 20.3 15.5 23.3





#60
4-Bromofluorobenzene
Concen: 28.853 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

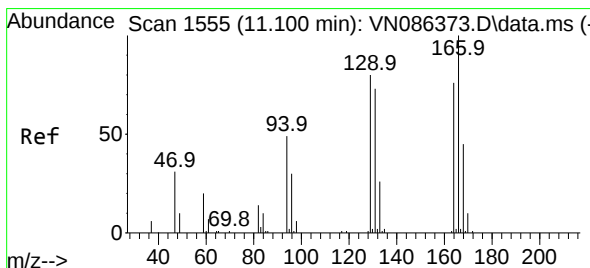
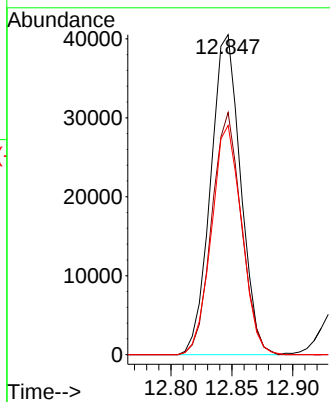
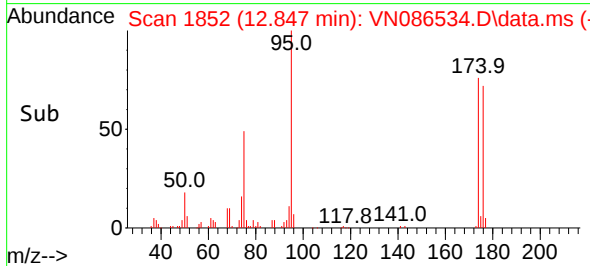
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion: 95 Resp: 69394
Ion Ratio Lower Upper
95 100
174 74.6 56.6 84.8
176 72.2 53.3 79.9

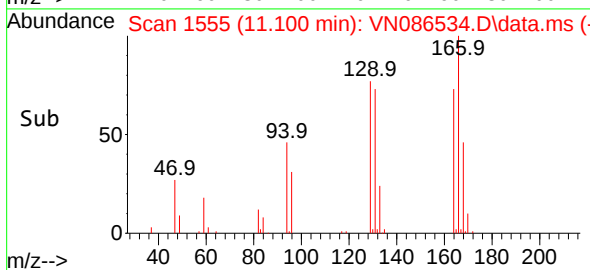
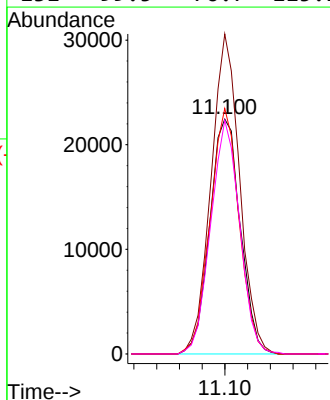
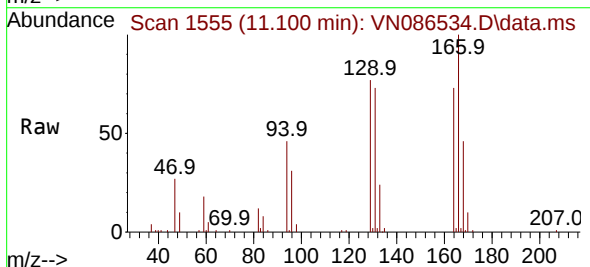
Manual Integrations
APPROVED

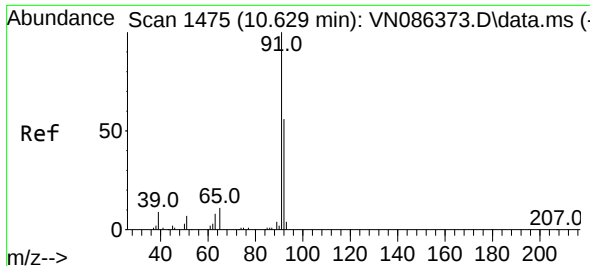
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#61
Tetrachloroethene
Concen: 22.449 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

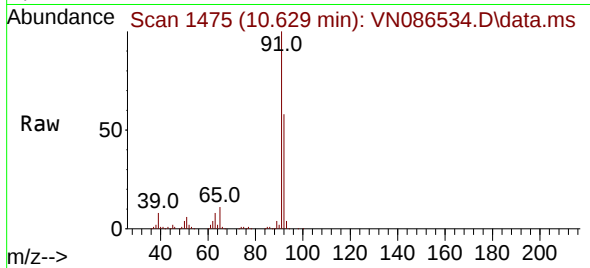
Tgt Ion:164 Resp: 41898
Ion Ratio Lower Upper
164 100
166 136.3 105.0 157.4
129 104.5 83.9 125.9
131 99.5 76.7 115.1





#62
Toluene
Concen: 80.903 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

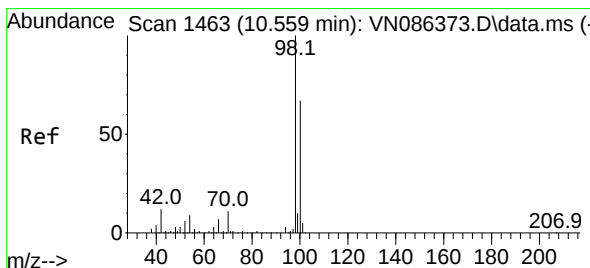
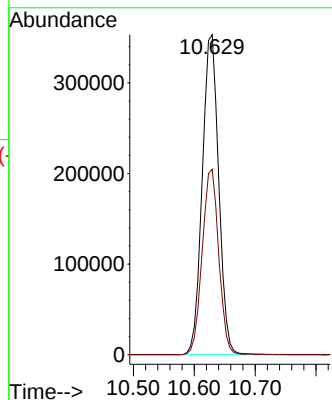
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion: 91 Resp: 66265
Ion Ratio Lower Upper
91 100
92 58.1 45.7 68.5

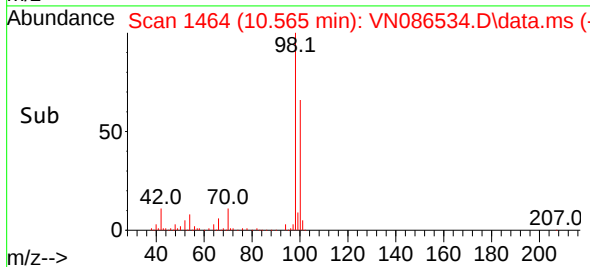
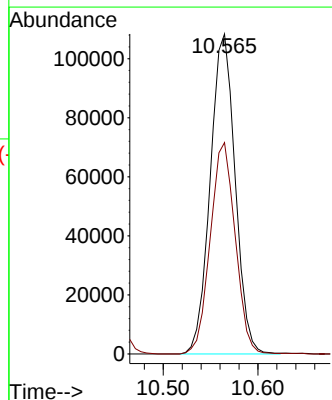
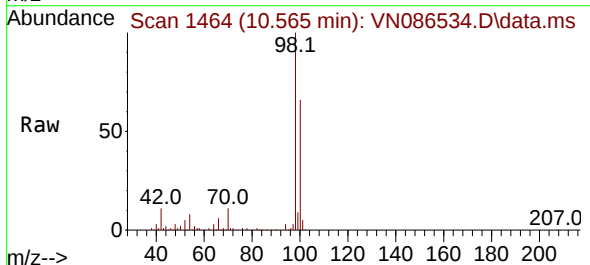
Manual Integrations
APPROVED

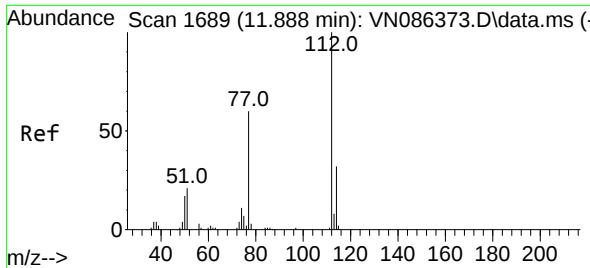
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#63
Toluene-d8
Concen: 29.434 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

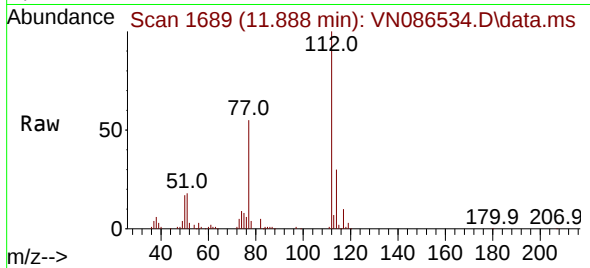
Tgt Ion: 98 Resp: 198149
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7





#64
Chlorobenzene
Concen: 23.431 ug/l
RT: 11.888 min Scan# 119584
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

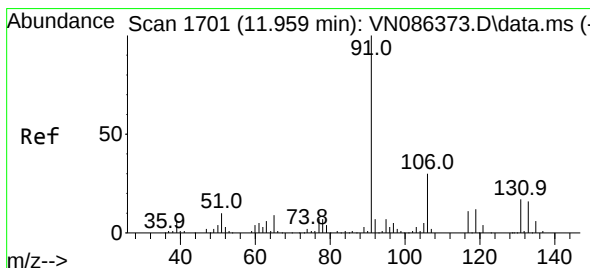
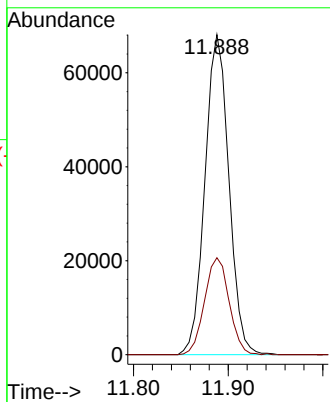
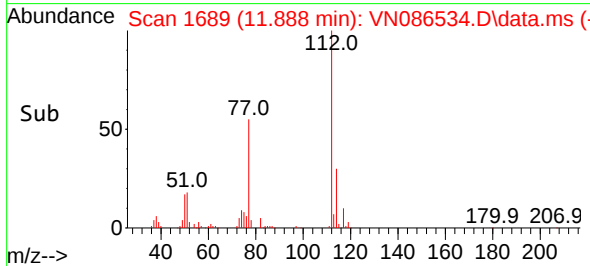
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion:112 Resp: 119584
Ion Ratio Lower Upper
112 100
114 30.3 25.6 38.4

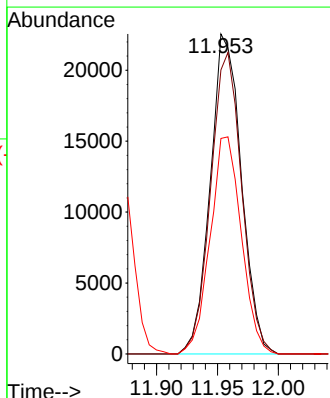
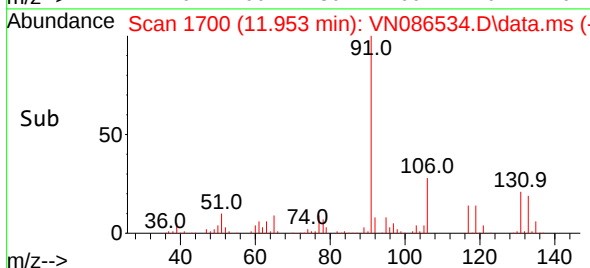
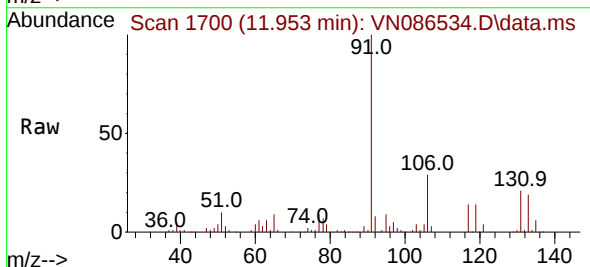
Manual Integrations
APPROVED

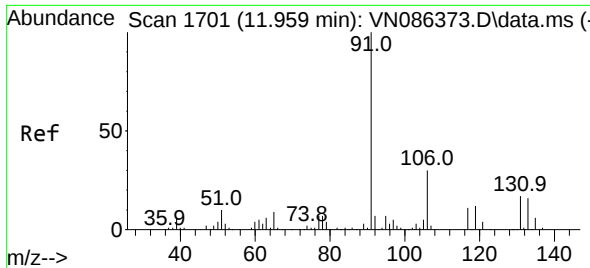
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#65
1,1,1,2-Tetrachloroethane
Concen: 23.508 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

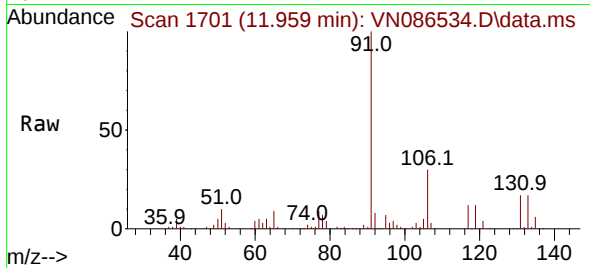
Tgt Ion:131 Resp: 40116
Ion Ratio Lower Upper
131 100
133 94.1 0.0 191.4
119 68.0 0.0 133.6





#66
Ethyl Benzene
Concen: 23.651 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

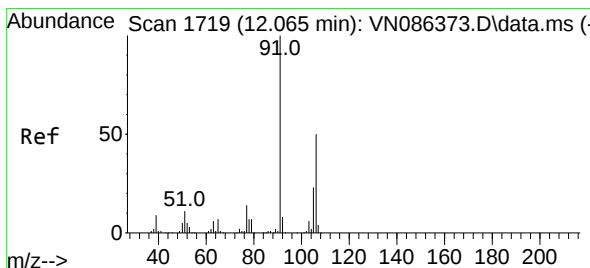
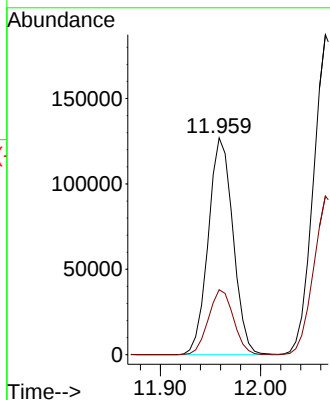
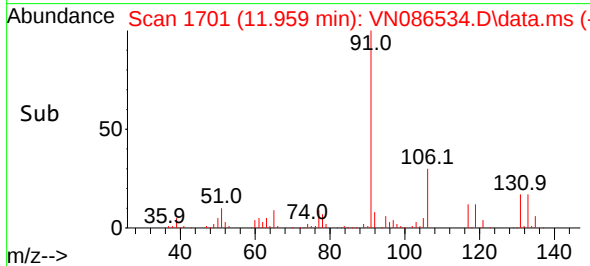
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion: 91 Resp: 218054
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5

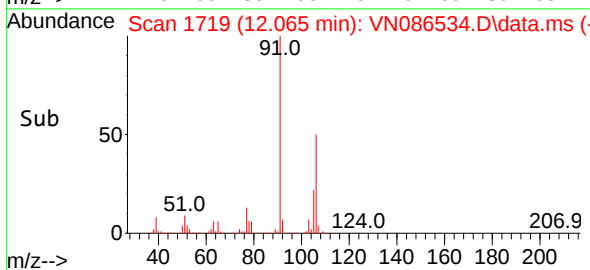
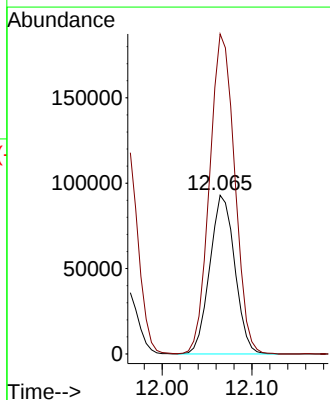
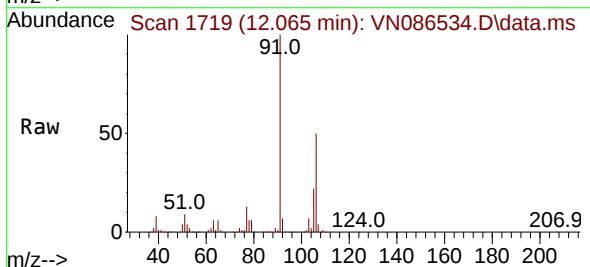
Manual Integrations
APPROVED

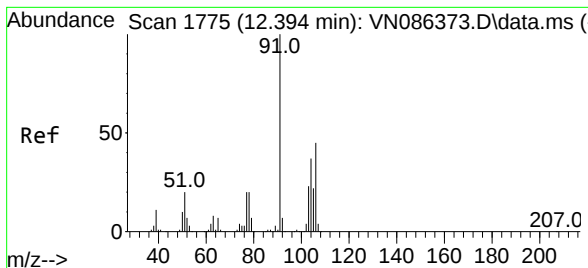
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#67
m/p-Xylenes
Concen: 51.391 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

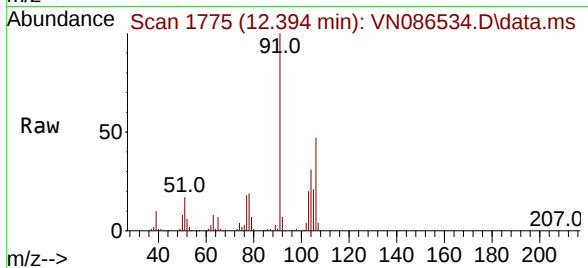
Tgt Ion:106 Resp: 179777
Ion Ratio Lower Upper
106 100
91 202.7 162.6 243.8





#68
o-Xylene
Concen: 25.832 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

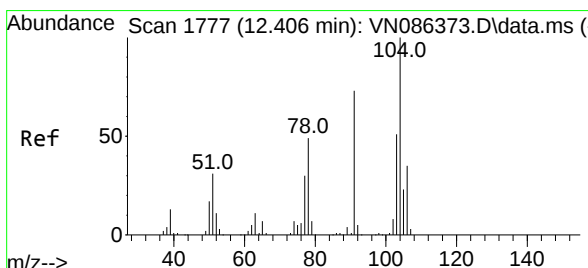
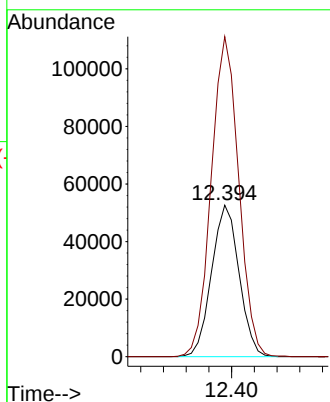
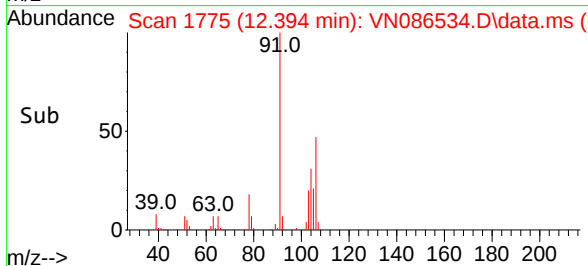
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion:106 Resp: 88480
Ion Ratio Lower Upper
106 100
91 211.0 110.6 331.6

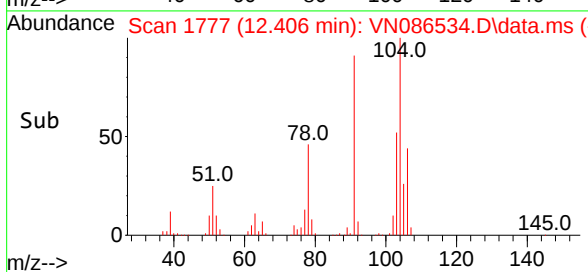
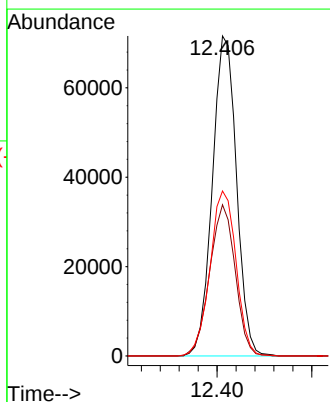
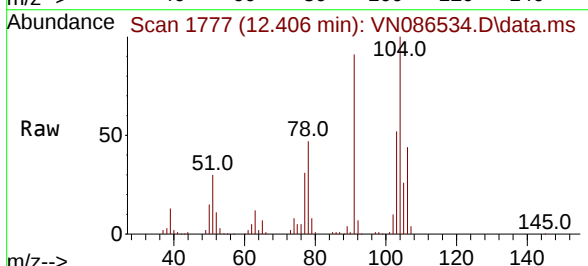
Manual Integrations
APPROVED

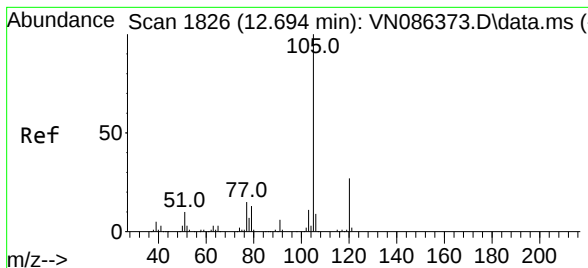
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#69
Styrene
Concen: 21.876 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

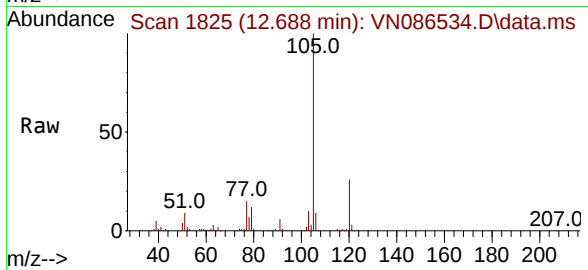
Tgt Ion:104 Resp: 127004
Ion Ratio Lower Upper
104 100
78 49.8 40.2 60.4
103 55.5 43.8 65.8





#70
Isopropylbenzene
Concen: 22.724 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

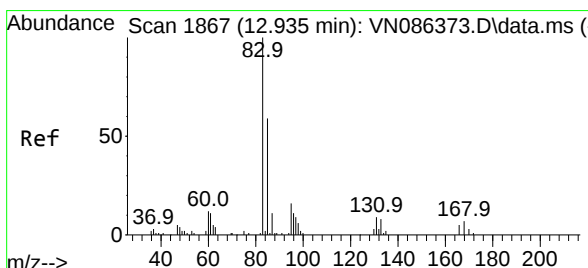
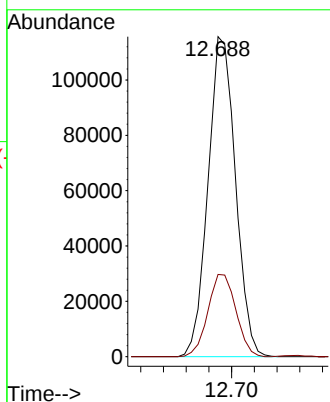
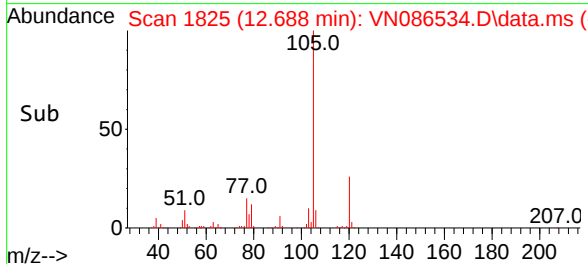
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MS



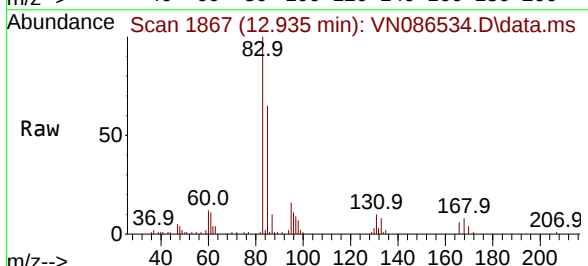
Tgt Ion:105 Resp: 19429
Ion Ratio Lower Upper
105 100
120 26.2 18.2 33.8

Manual Integrations
APPROVED

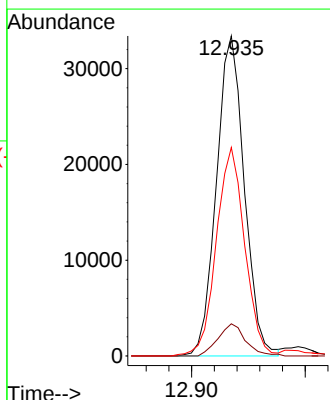
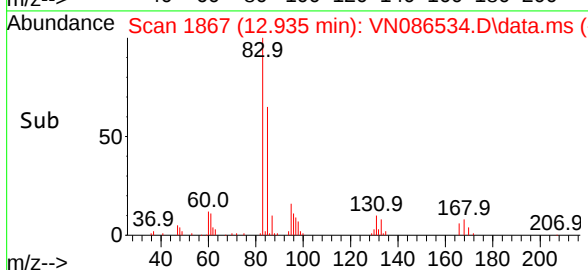
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

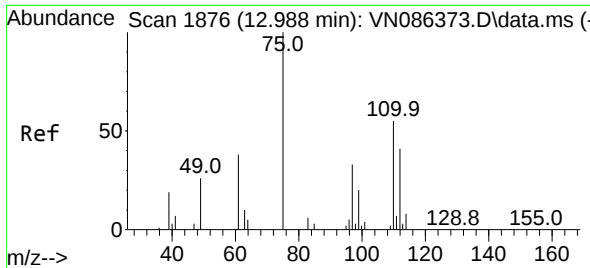


#71
1,1,2,2-Tetrachloroethane
Concen: 25.350 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45



Tgt Ion: 83 Resp: 57071
Ion Ratio Lower Upper
83 100
131 9.9 4.5 13.7
85 66.2 31.7 95.1





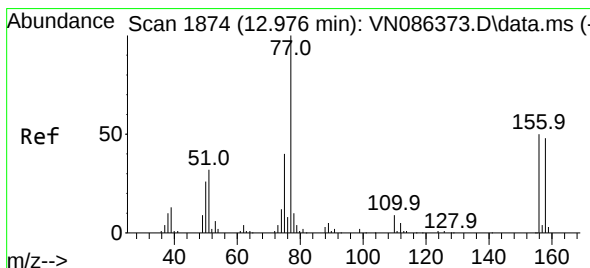
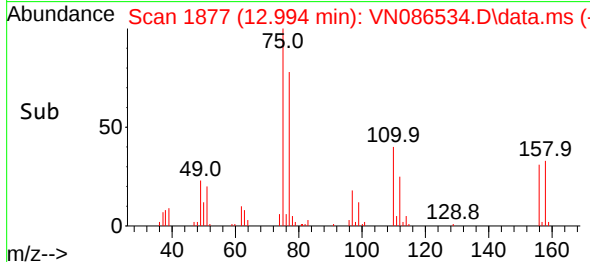
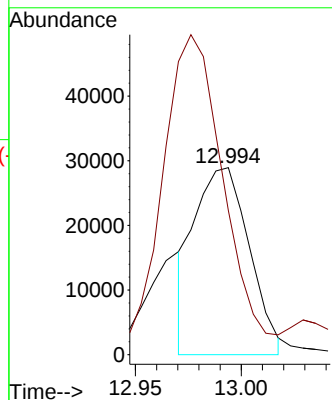
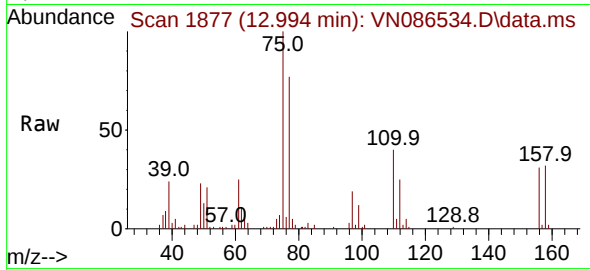
#72
1,2,3-Trichloropropane
Concen: 26.460 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

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

Tgt Ion: 75 Resp: 51938
Ion Ratio Lower Upper
75 100
77 192.4 0.0 464.4

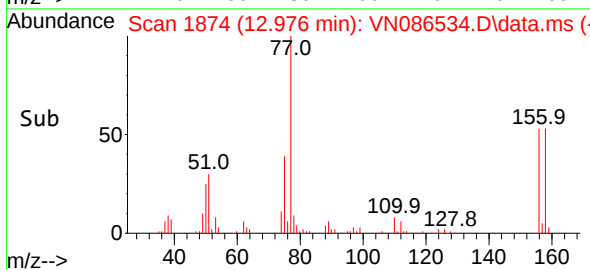
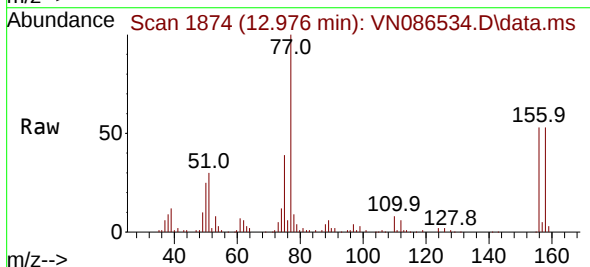
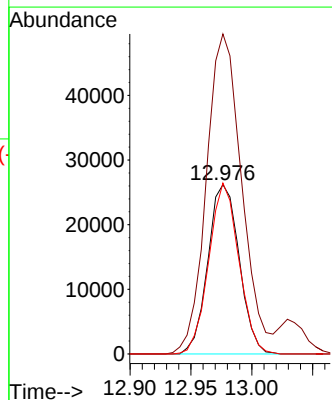
Manual Integrations
APPROVED

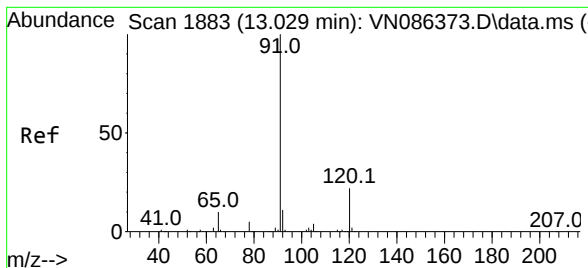
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#73
Bromobenzene
Concen: 23.777 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Tgt Ion:156 Resp: 46738
Ion Ratio Lower Upper
156 100
77 213.8 0.0 463.4
158 97.1 0.0 191.8





#74

n-propylbenzene

Concen: 22.579 ug/l

RT: 13.035 min Scan# 1883

Delta R.T. 0.006 min

Lab File: VN086534.D

Acq: 07 May 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(MAY)MS

Tgt Ion: 91 Resp: 22940

Ion Ratio Lower Upper

91 100

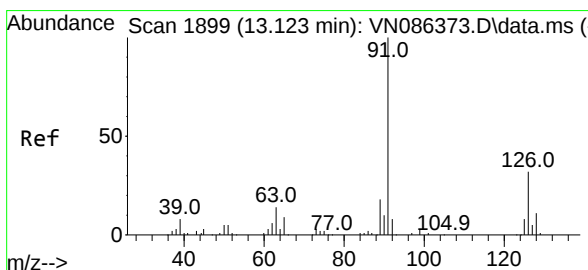
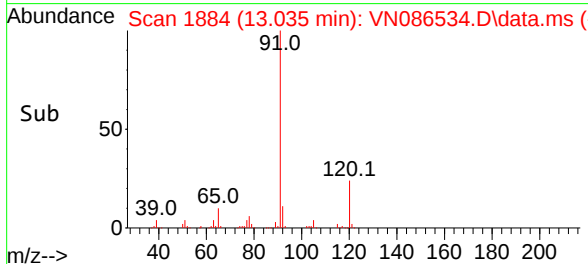
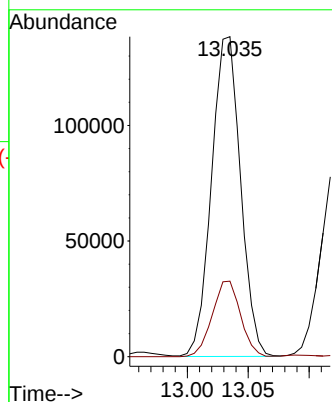
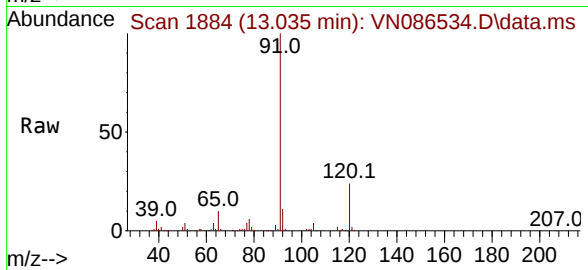
120 23.1 0.0 43.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2025

Supervised By :Mahesh Dadoda 05/08/2025



#75

2-Chlorotoluene

Concen: 21.738 ug/l

RT: 13.117 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VN086534.D

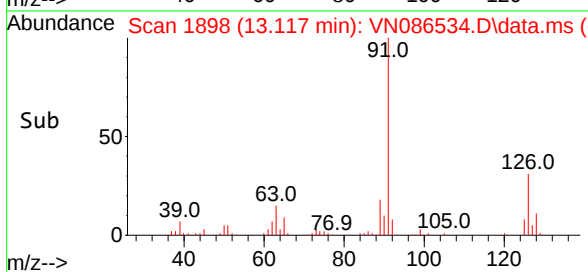
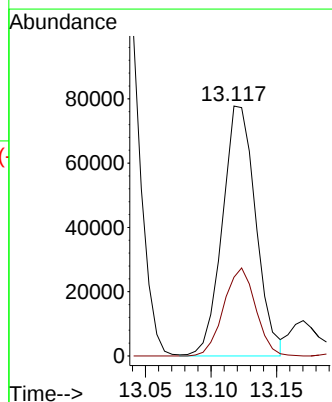
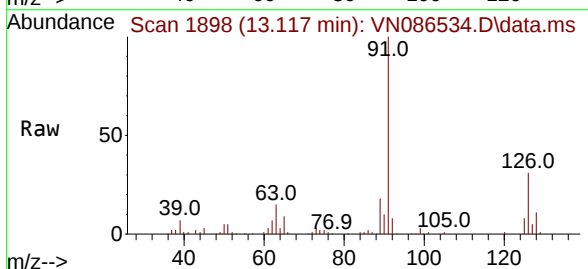
Acq: 07 May 2025 14:45

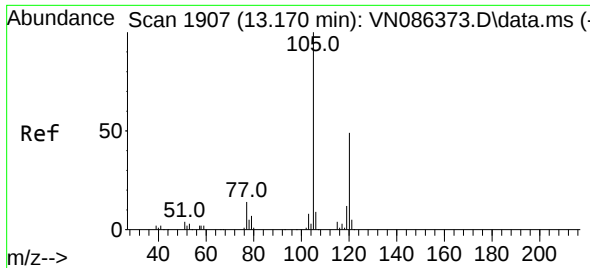
Tgt Ion: 91 Resp: 137873

Ion Ratio Lower Upper

91 100

126 33.6 0.0 65.0





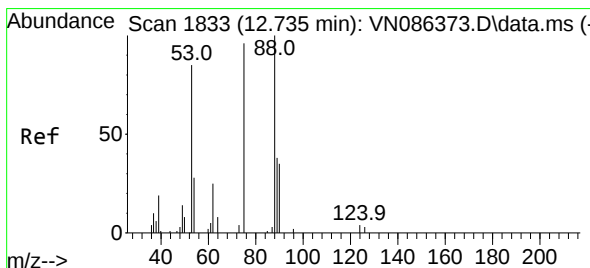
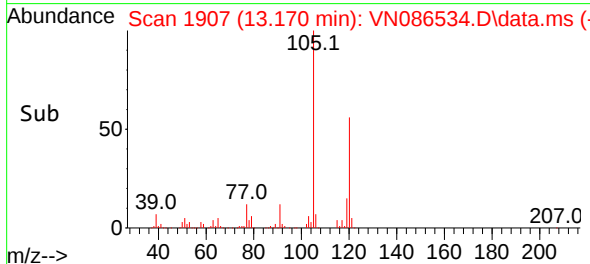
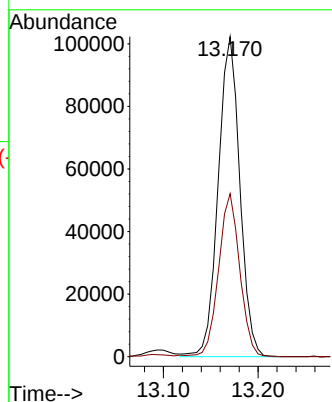
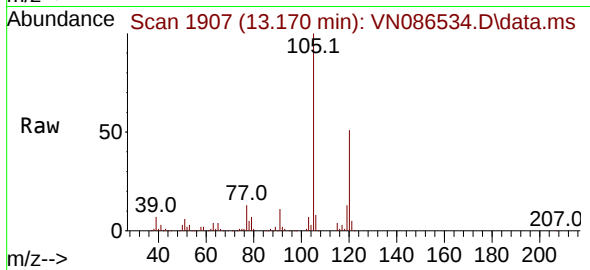
#76
1,3,5-Trimethylbenzene
Concen: 23.140 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

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

Tgt Ion:105 Resp: 162340
Ion Ratio Lower Upper
105 100
120 49.8 0.0 97.6

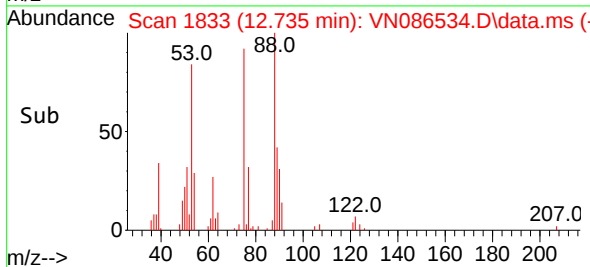
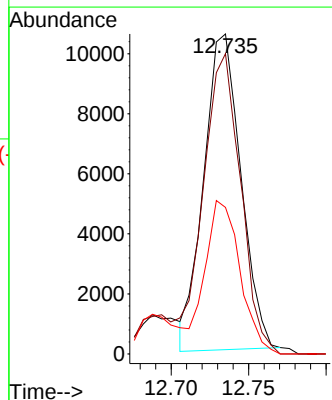
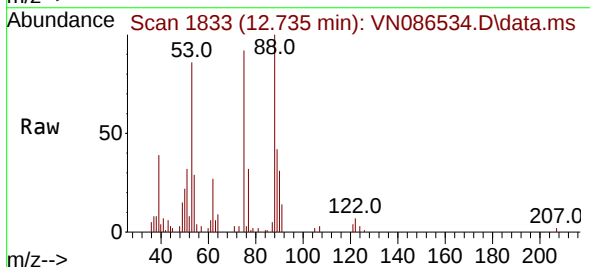
Manual Integrations
APPROVED

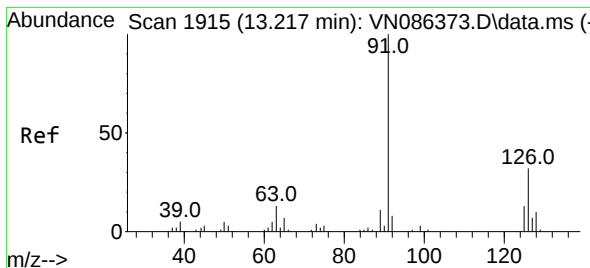
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#77
t-1,4-Dichloro-2-butene
Concen: 17.615 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Tgt Ion: 75 Resp: 17546
Ion Ratio Lower Upper
75 100
53 95.8 46.0 138.0
89 46.8 21.6 64.6





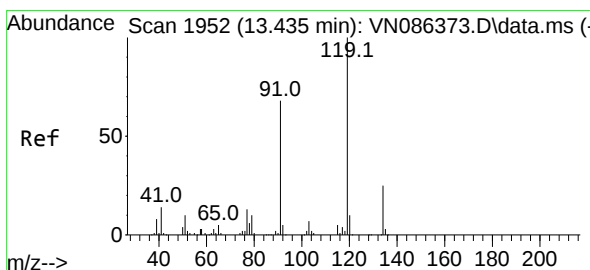
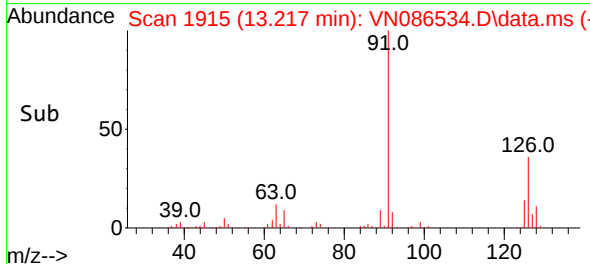
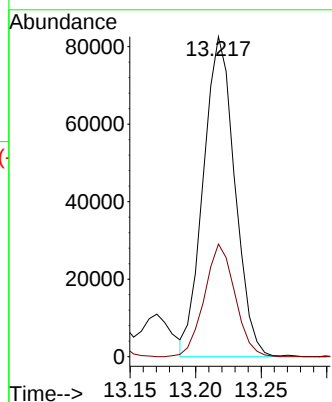
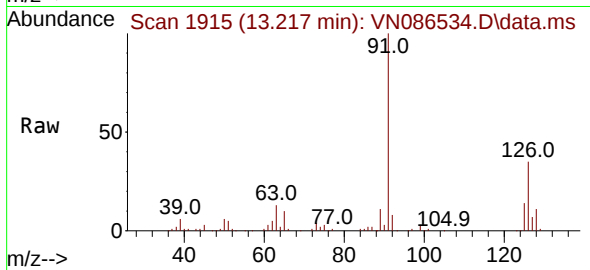
#78
4-Chlorotoluene
Concen: 21.764 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

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

Tgt Ion: 91 Resp: 13802
Ion Ratio Lower Upper
91 100
126 34.2 0.0 65.4

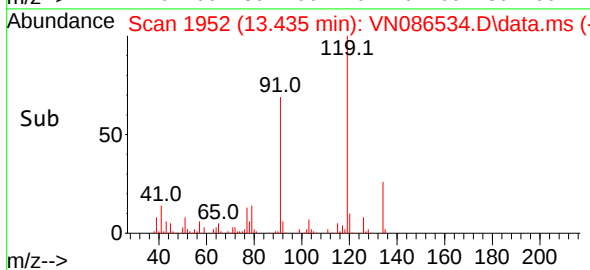
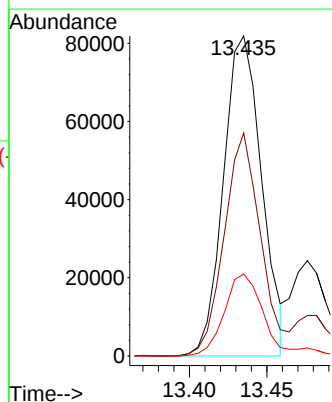
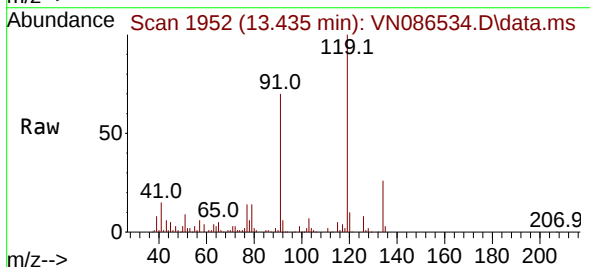
Manual Integrations
APPROVED

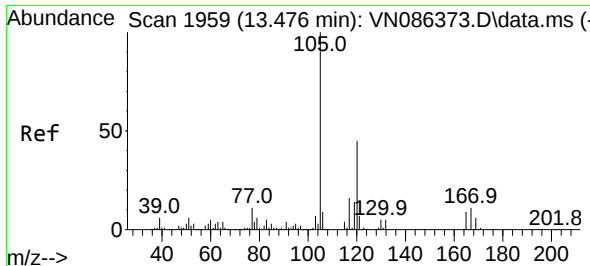
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#79
tert-butylbenzene
Concen: 23.377 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

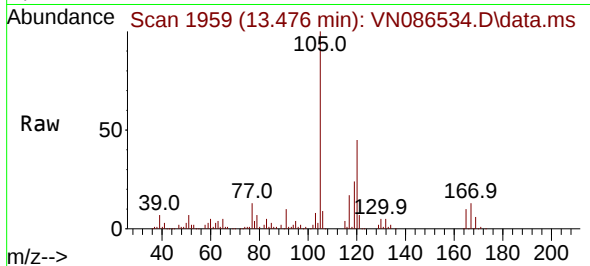
Tgt Ion:119 Resp: 140459
Ion Ratio Lower Upper
119 100
91 66.9 0.0 137.4
134 25.3 0.0 49.2





#80
1,2,4-Trimethylbenzene
Concen: 23.700 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

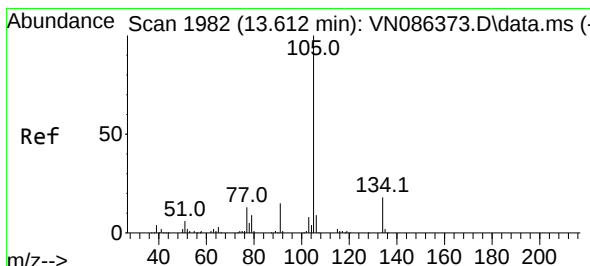
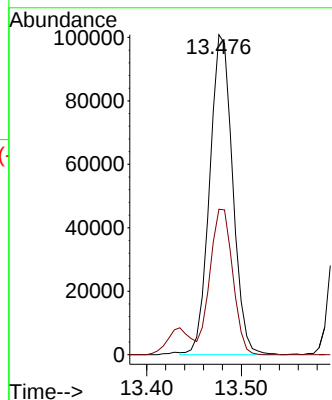
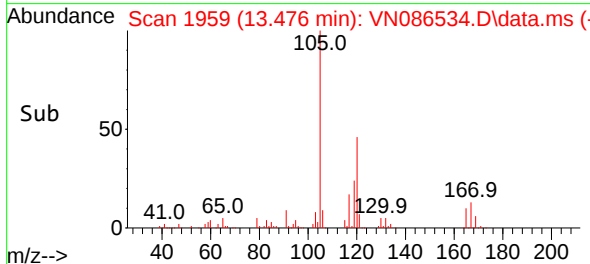
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion:105 Resp: 169802
Ion Ratio Lower Upper
105 100
120 44.9 0.0 87.6

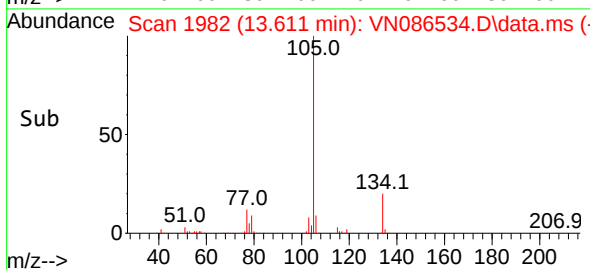
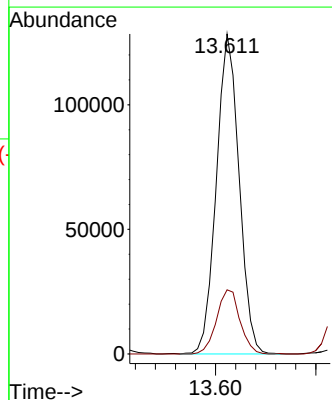
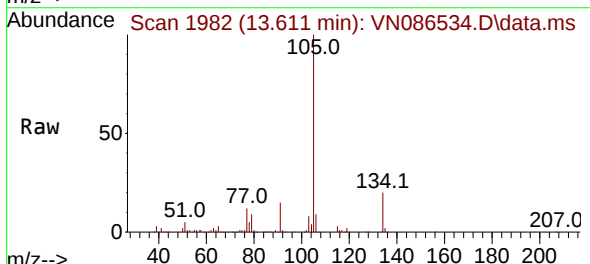
Manual Integrations
APPROVED

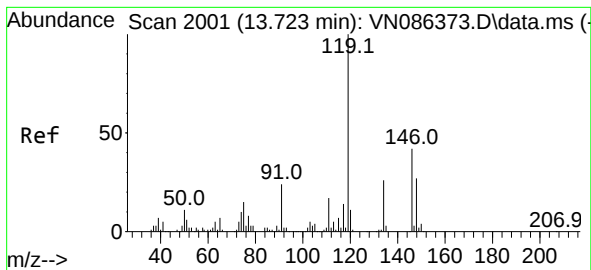
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#81
sec-Butylbenzene
Concen: 23.536 ug/l
RT: 13.611 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

Tgt Ion:105 Resp: 201858
Ion Ratio Lower Upper
105 100
134 20.6 0.0 38.4





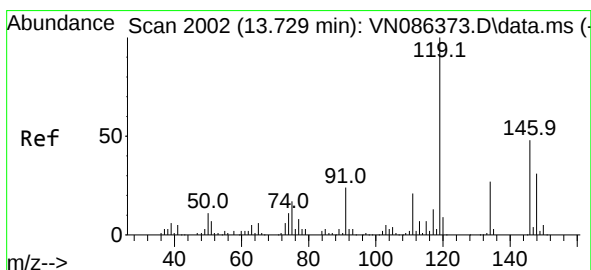
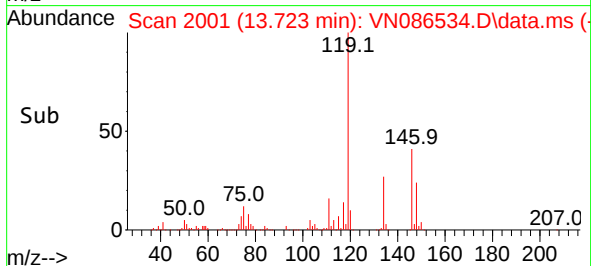
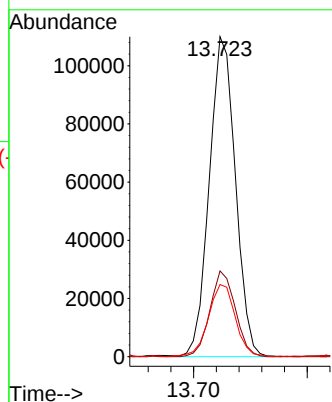
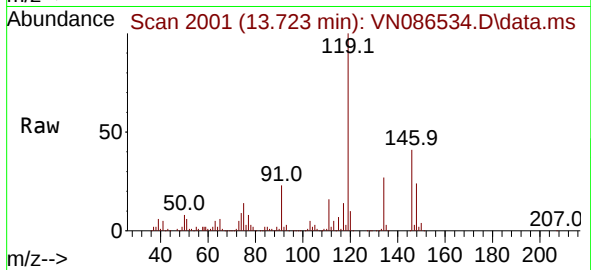
#82
p-Isopropyltoluene
Concen: 24.492 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

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

Tgt Ion:119 Resp: 175774
Ion Ratio Lower Upper
119 100
134 25.9 0.0 52.2
91 23.3 0.0 47.6

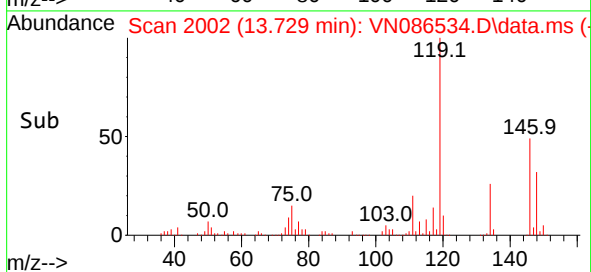
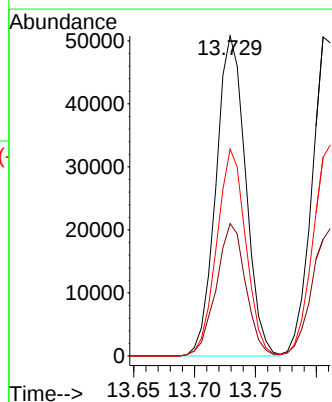
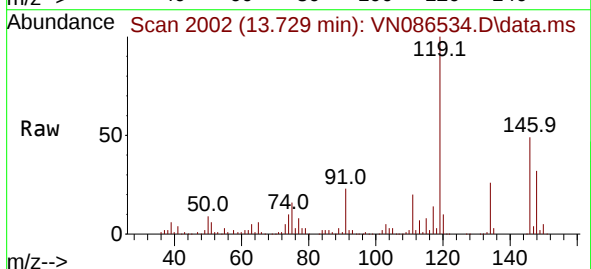
Manual Integrations
APPROVED

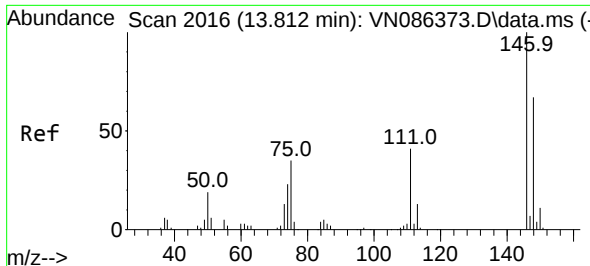
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#83
1,3-Dichlorobenzene
Concen: 23.144 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

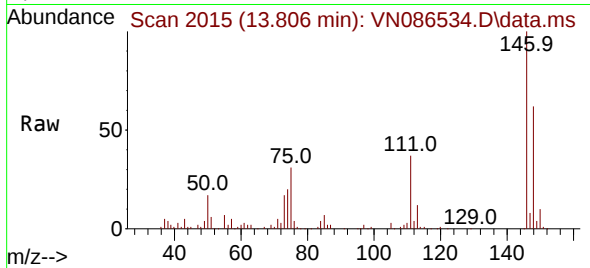
Tgt Ion:146 Resp: 85997
Ion Ratio Lower Upper
146 100
111 41.1 20.7 62.1
148 63.4 32.3 96.8





#84
1,4-Dichlorobenzene
Concen: 23.284 ug/l
RT: 13.806 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

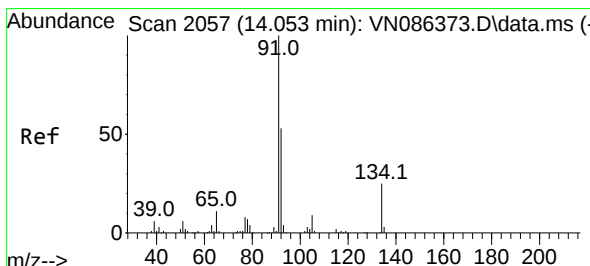
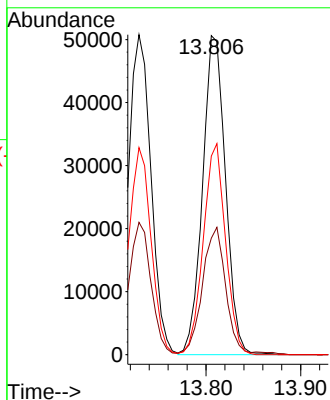
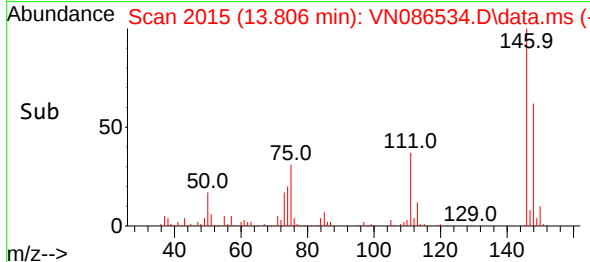
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



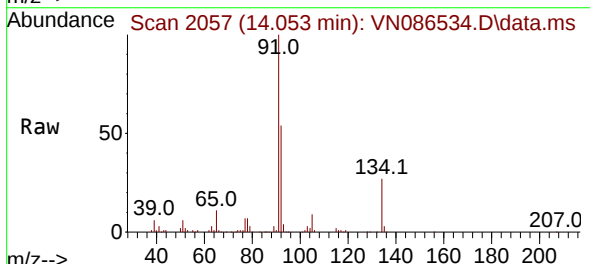
Tgt Ion:146 Resp: 85480
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.8
148 64.2 32.4 97.2

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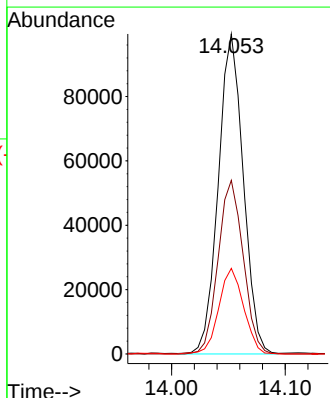
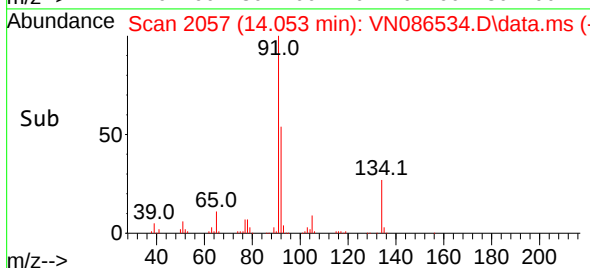
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

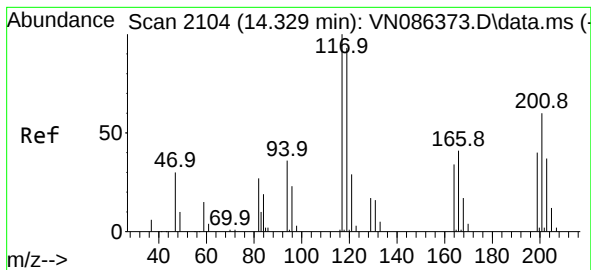


#85
n-Butylbenzene
Concen: 23.790 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45



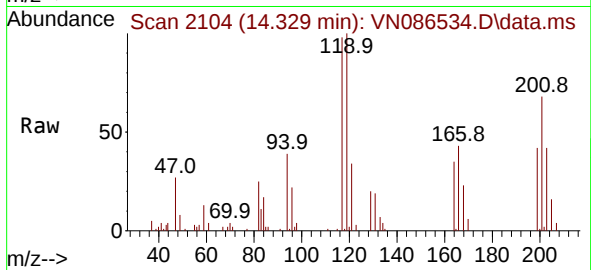
Tgt Ion: 91 Resp: 152343
Ion Ratio Lower Upper
91 100
92 54.4 0.0 107.2
134 26.6 0.0 48.2





#86
Hexachloroethane
Concen: 22.088 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

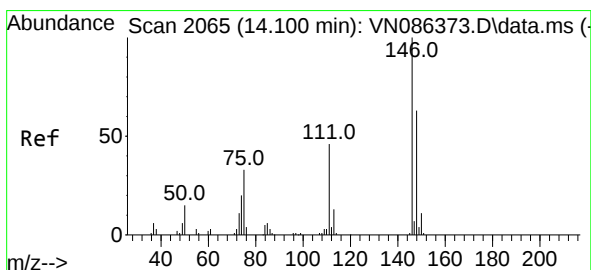
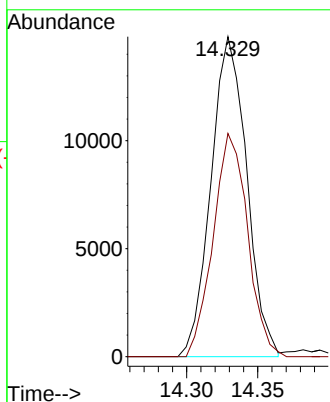
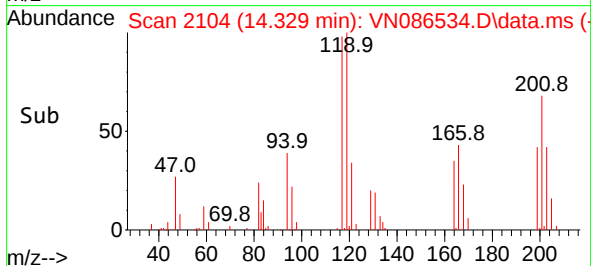
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(MAY)MS



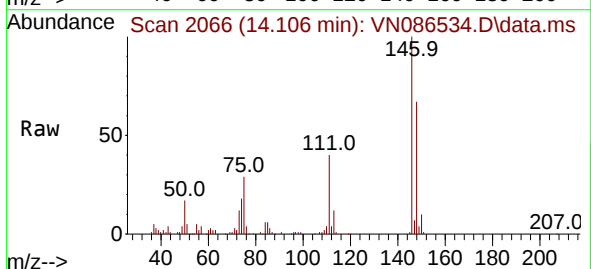
Tgt Ion:117 Resp: 25920
Ion Ratio Lower Upper
117 100
201 67.2 31.7 95.1

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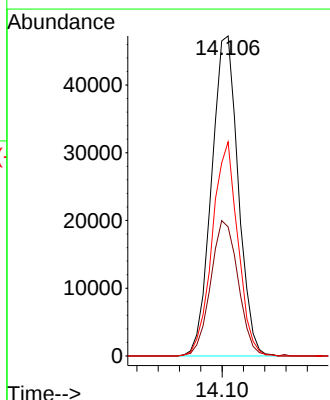
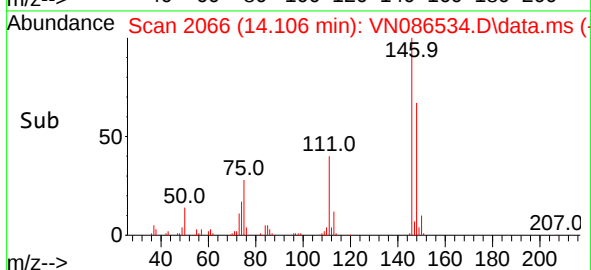
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025

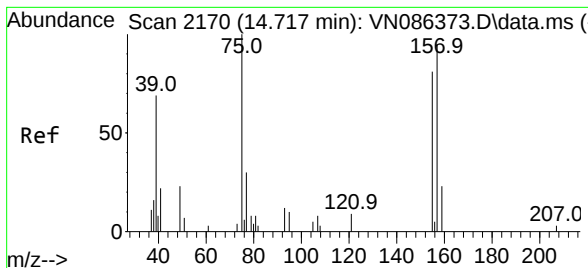


#87
1,2-Dichlorobenzene
Concen: 23.184 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45



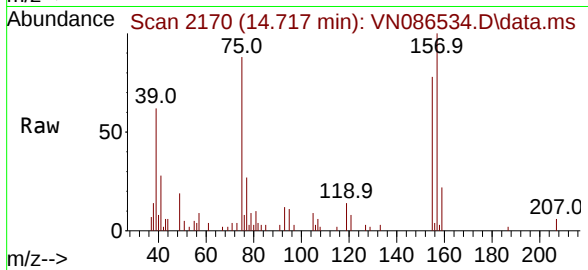
Tgt Ion:146 Resp: 81968
Ion Ratio Lower Upper
146 100
111 43.6 22.1 66.3
148 64.4 32.0 96.0





#88
 1,2-Dibromo-3-Chloropropane
 Concen: 25.153 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN086534.D
 Acq: 07 May 2025 14:45

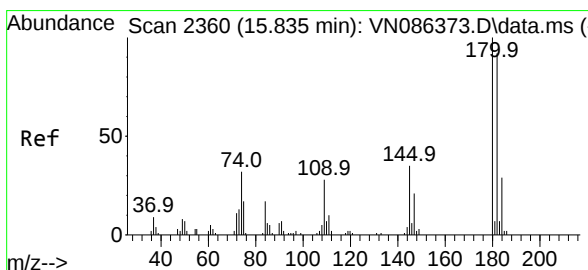
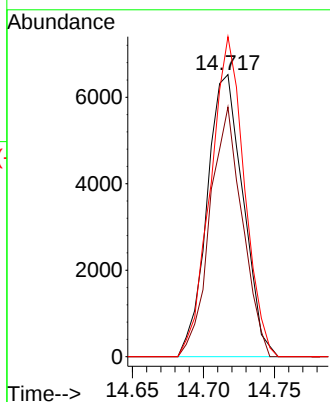
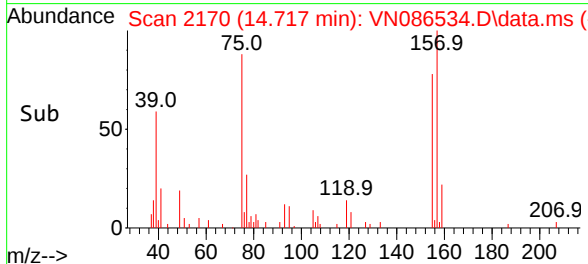
Instrument : MSVOA_N
 ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MS



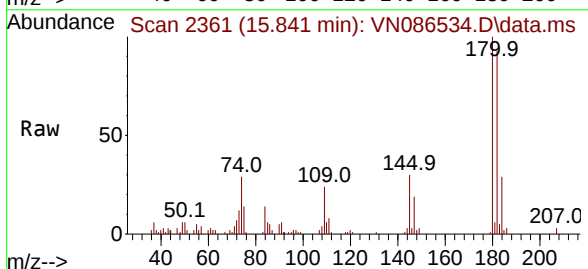
Tgt Ion: 75 Resp: 11510
 Ion Ratio Lower Upper
 75 100
 155 79.7 64.0 96.0
 157 106.6 78.2 117.4

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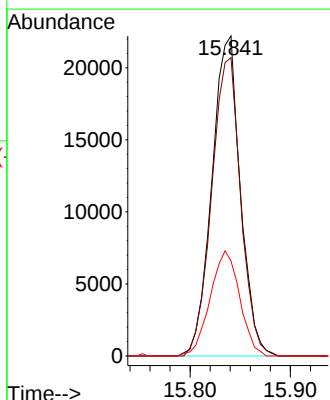
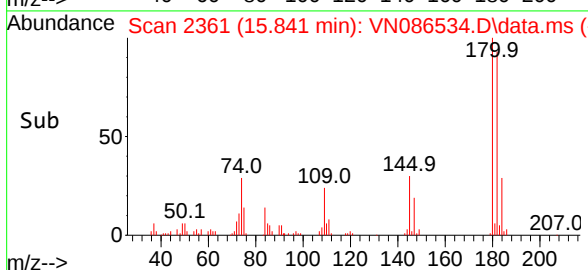
Reviewed By :John Carlone 05/08/2025
 Supervised By :Mahesh Dadoda 05/08/2025

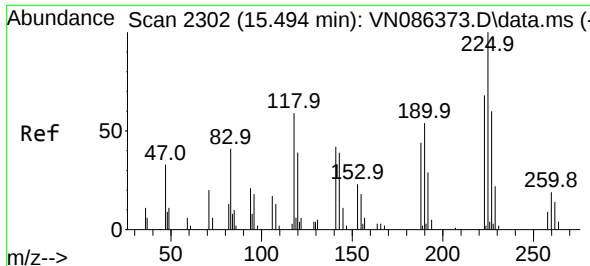


#89
 1,2,4-Trichlorobenzene
 Concen: 27.165 ug/l
 RT: 15.841 min Scan# 2361
 Delta R.T. 0.006 min
 Lab File: VN086534.D
 Acq: 07 May 2025 14:45



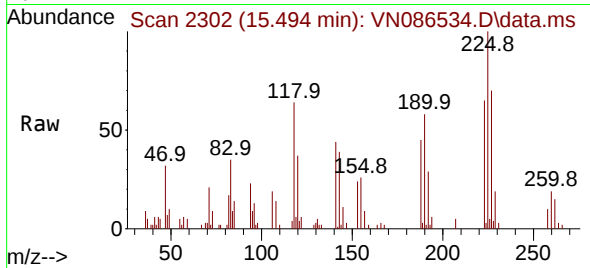
Tgt Ion:180 Resp: 43775
 Ion Ratio Lower Upper
 180 100
 182 94.8 74.8 112.2
 145 34.1 26.9 40.3





#90
Hexachlorobutadiene
Concen: 30.917 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

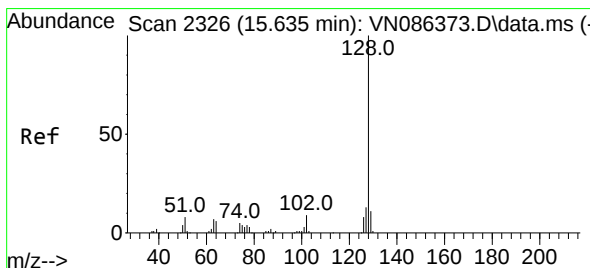
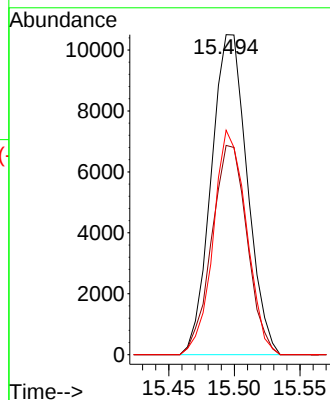
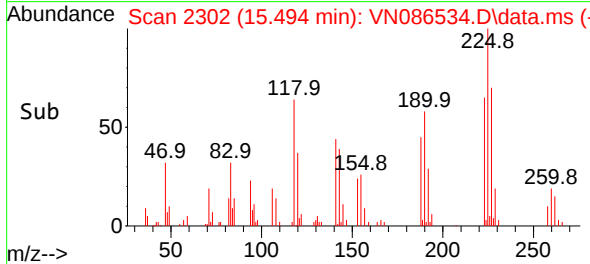
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(MAY)MS



Tgt Ion:225 Resp: 20068
Ion Ratio Lower Upper
225 100
223 64.2 0.0 128.8
227 64.4 0.0 120.2

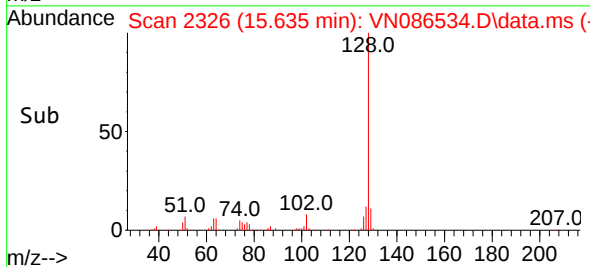
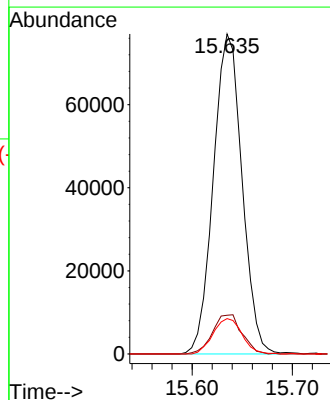
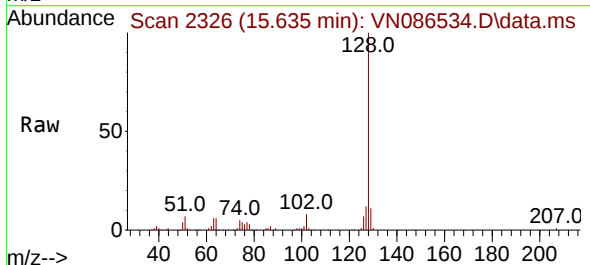
Manual Integrations
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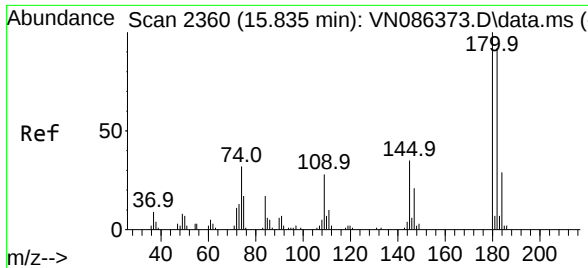
Reviewed By :John Carlone 05/08/2025
Supervised By :Mahesh Dadoda 05/08/2025



#91
Naphthalene
Concen: 26.503 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086534.D
Acq: 07 May 2025 14:45

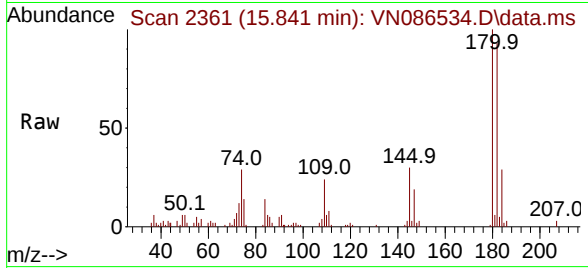
Tgt Ion:128 Resp: 152898
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 11.2 8.7 13.1





#92
 1,2,3-Trichlorobenzene
 Concen: 27.165 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN086534.D
 Acq: 07 May 2025 14:45

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



Tgt Ion:180 Resp: 43775
 Ion Ratio Lower Upper
 180 100
 182 94.8 0.0 187.0
 145 34.1 0.0 67.2

Manual Integrations
 APPROVED

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

