

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087464.D
 Acq On : 05 Aug 2025 18:35
 Operator : JC\MD
 Sample : Q2771-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Aug 06 02:44:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/06/2025
 Supervised By : Mahesh Dadoda 08/06/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	57858	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	327425	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	292747	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	165120	30.941	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 103.133%	
60) 4-Bromofluorobenzene	12.829	95	147984	29.374	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 97.900%	
63) Toluene-d8	10.547	98	402285	29.865	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.567%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	86069	22.784	ug/l	91
3) Chloromethane	2.383	50	84289	21.748	ug/l	94
4) Vinyl Chloride	2.542	62	89963	21.885	ug/l	99
5) Bromomethane	2.983	94	40650	18.270	ug/l	93
6) Chloroethane	3.136	64	57248	21.597	ug/l	99
7) Trichlorofluoromethane	3.512	101	128573	21.733	ug/l	97
8) Diethyl Ether	3.965	74	52589	21.337	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	65737	21.790	ug/l	88
10) 1,1-Dichloroethene	4.336	96	68672	21.671	ug/l	91
11) Methyl Iodide	4.577	142	39694	15.909	ug/l	95
12) Methyl Acetate	5.018	43	121879	20.842	ug/l	94
13) Acrolein	4.177	56	83429	93.411	ug/l	99
14) Acrylonitrile	5.712	53	270925	106.100	ug/l	98
15) Acetone	4.424	58	78660	107.813	ug/l	93
16) Carbon Disulfide	4.700	76	206068	20.964	ug/l	99
17) Allyl chloride	5.006	41	129694	20.080	ug/l	92
18) Methylene Chloride	5.265	84	85179	20.880	ug/l	93
19) trans-1,2-Dichloroethene	5.771	96	75693	20.087	ug/l	95
20) Diisopropyl ether	6.665	45	299448	20.352	ug/l	97
21) 1,1-Dichloroethane	6.553	63	156845	20.622	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	96912	20.902	ug/l	98
23) tert-Butyl Alcohol	5.518	59	115151	106.126	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	302253	20.933	ug/l	99
25) Chloroform	7.947	83	296504	37.348	ug/l	95
26) Cyclohexane	8.235	56	132657	21.785	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	110179	20.631	ug/l	99
30) 2-Butanone	7.471	43	408485	103.770	ug/l	100
31) 2,2-Dichloropropane	7.477	77	135864	19.726	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	143139	21.016	ug/l	97
33) Carbon Tetrachloride	8.347	117	120006	21.209	ug/l	100
34) Benzene	8.588	78	346136	20.533	ug/l	99
35) Methacrylonitrile	7.759	41	88788	20.902	ug/l	95
36) 1,2-Dichloroethane	8.653	62	137652	20.203	ug/l	100
37) Trichloroethene	9.335	130	76827	20.689	ug/l	96
38) Methylcyclohexane	9.582	83	130586	21.078	ug/l	98
39) 1,2-Dichloropropane	9.606	63	89042	20.601	ug/l	99
40) Dibromomethane	9.694	93	65247	20.120	ug/l	97
41) Bromodichloromethane	9.871	83	145959	21.660	ug/l	97
42) Vinyl Acetate	6.594	43	1300901	100.352	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	158819	20.884	ug/l	99
44) Isopropyl Acetate	8.677	43	259623	20.140	ug/l	99
45) 1,4-Dioxane	9.682	88	35383	430.561	ug/l #	89
46) Methyl methacrylate	9.665	41	134321	22.074	ug/l	94
47) n-amyl Acetate	12.523	43	159267m	22.365	ug/l	
48) t-1,3-Dichloropropene	10.818	75	146464	19.978	ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	146576	19.867	ug/l	95
50) 1,1,2-Trichloroethane	11.000	97	82991	20.255	ug/l	97
51) Ethyl methacrylate	10.853	69	149180	20.674	ug/l	95
52) 1,3-Dichloropropane	11.141	76	147593	19.994	ug/l	98
53) Dibromochloromethane	11.341	129	99264	20.978	ug/l	98
54) 1,2-Dibromoethane	11.447	107	86868	19.972	ug/l	99
56) Bromoform	12.559	173	63211	20.197	ug/l #	99
58) 4-Methyl-2-Pentanone	10.424	43	811173	107.714	ug/l	100
59) 2-Hexanone	11.176	43	526710	102.937	ug/l	100
61) Tetrachloroethene	11.082	164	60085	21.067	ug/l	98
62) Toluene	10.612	91	471528	26.097	ug/l	99
64) Chlorobenzene	11.871	112	226643	20.414	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	78931	20.221	ug/l	99
66) Ethyl Benzene	11.941	91	410709	20.394	ug/l	100
67) m/p-Xylenes	12.053	106	301085	40.730	ug/l	99
68) o-Xylene	12.376	106	147374	20.265	ug/l	100
69) Styrene	12.388	104	246611	19.860	ug/l	98
70) Isopropylbenzene	12.670	105	384456	20.808	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	132693	20.961	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	125987m	21.363	ug/l	
73) Bromobenzene	12.959	156	87403	20.406	ug/l	99
74) n-propylbenzene	13.012	91	479069	20.762	ug/l	99
75) 2-Chlorotoluene	13.106	91	285626	20.123	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	323833	20.470	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	40864	18.304	ug/l	95
78) 4-Chlorotoluene	13.200	91	298709	20.767	ug/l	98
79) tert-butylbenzene	13.417	119	278633	20.890	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	322979	20.432	ug/l	100
81) sec-Butylbenzene	13.594	105	407509	20.987	ug/l	99
82) p-Isopropyltoluene	13.706	119	337514	20.935	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	165618	20.306	ug/l	97
84) 1,4-Dichlorobenzene	13.794	146	166172	20.096	ug/l	97
85) n-Butylbenzene	14.035	91	331884	21.040	ug/l	98
86) Hexachloroethane	14.312	117	61684	19.593	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	158893	20.409	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.700	75	33483	20.878	ug/l	97
89) 1,2,4-Trichlorobenzene	15.811	180	93743	20.148	ug/l	99
90) Hexachlorobutadiene	15.476	225	39066	21.592	ug/l	97
91) Naphthalene	15.611	128	362681	20.443	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	93743	20.148	ug/l	99

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

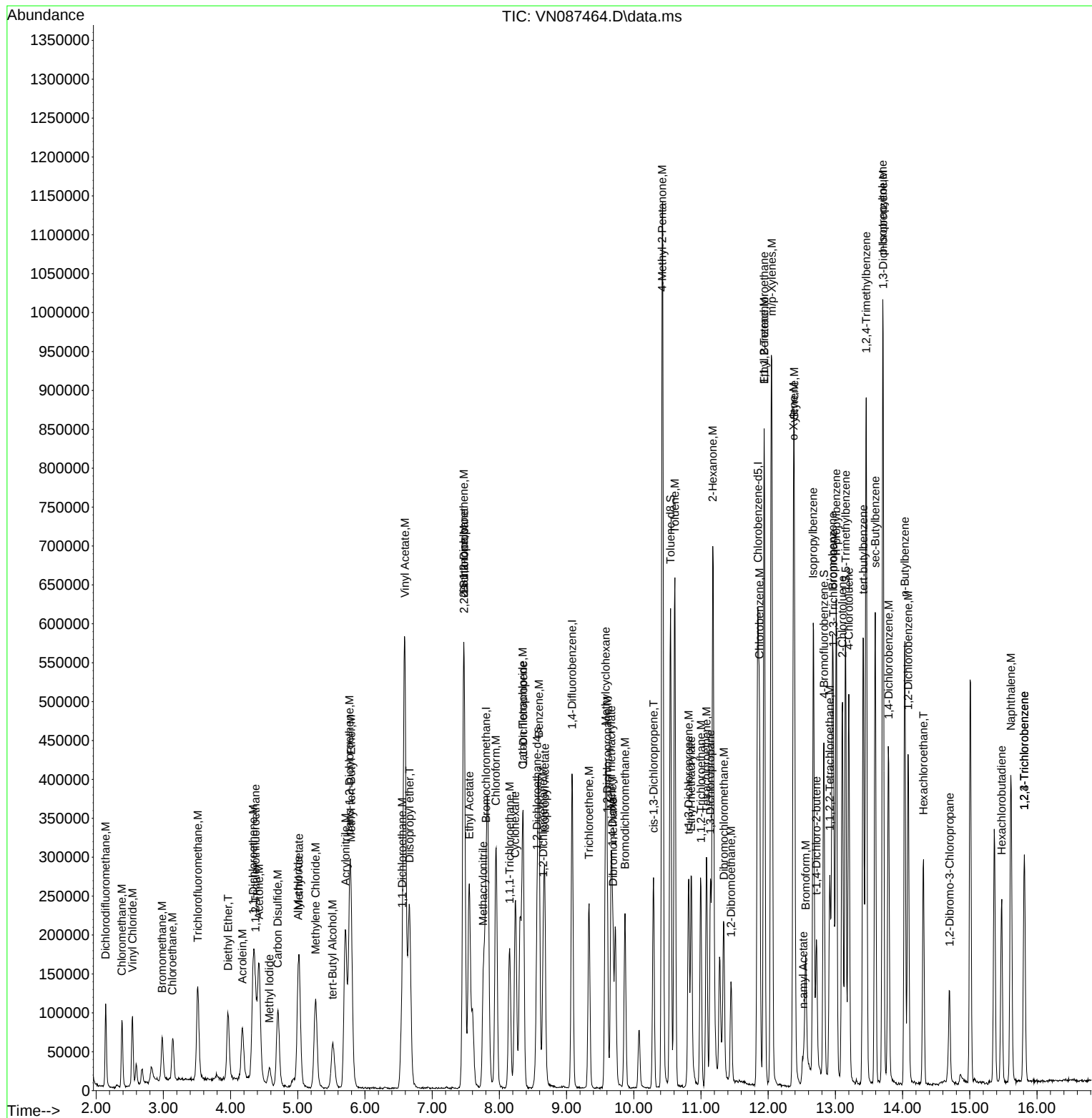
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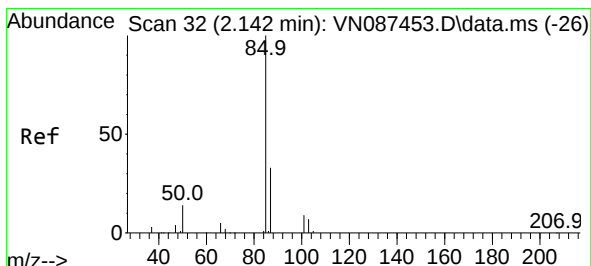
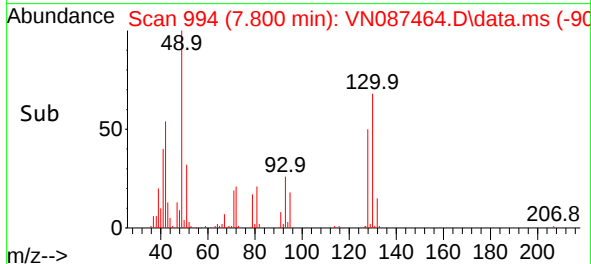
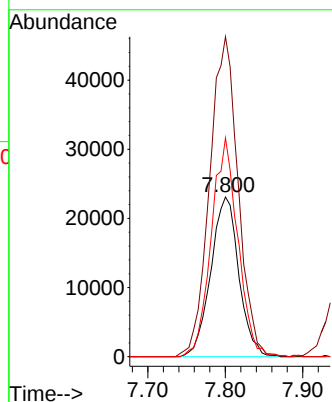
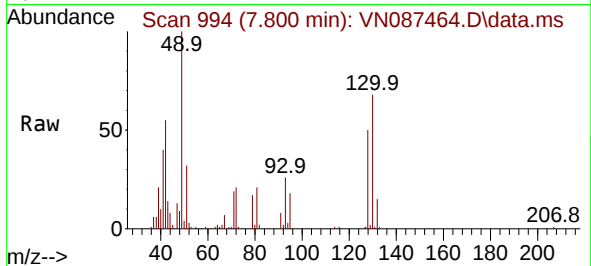
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

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

Tgt Ion:128 Resp: 5785
Ion Ratio Lower Upper
128 100
49 204.3 0.0 494.8
130 129.6 0.0 321.5

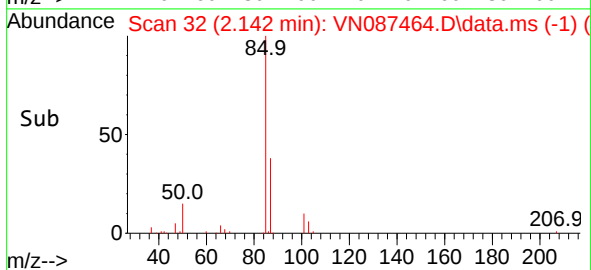
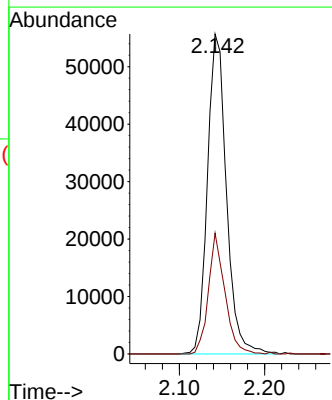
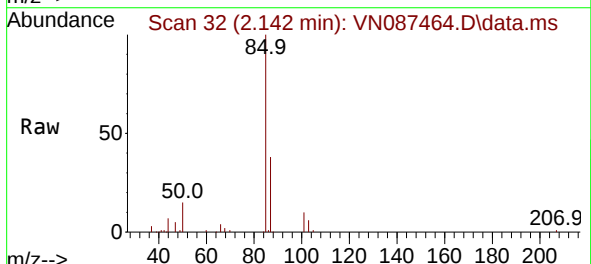
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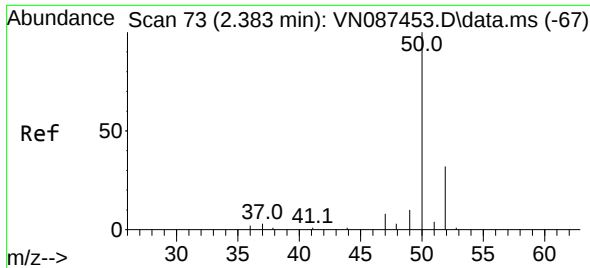
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#2
Dichlorodifluoromethane
Concen: 22.784 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

Tgt Ion: 85 Resp: 86069
Ion Ratio Lower Upper
85 100
87 37.7 16.4 49.2





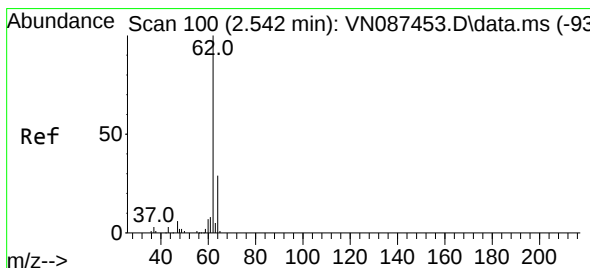
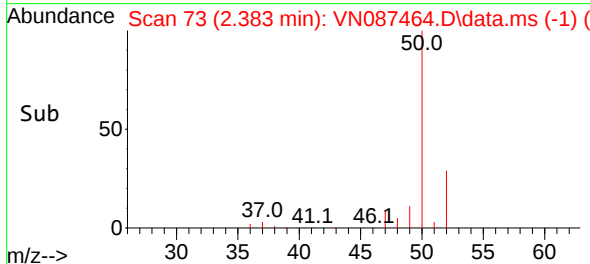
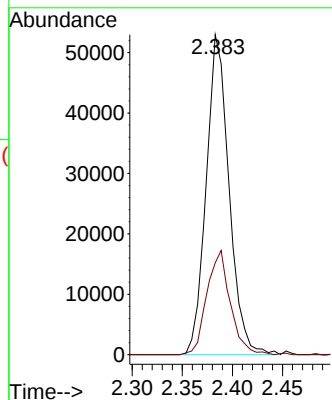
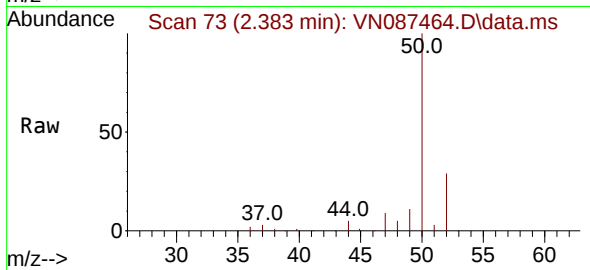
#3
Chloromethane
Concen: 21.748 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

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

Tgt Ion: 50 Resp: 84289
Ion Ratio Lower Upper
50 100
52 28.7 25.8 38.6

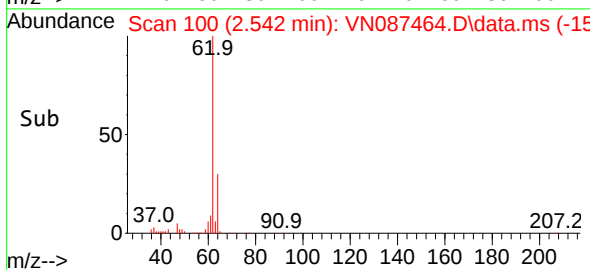
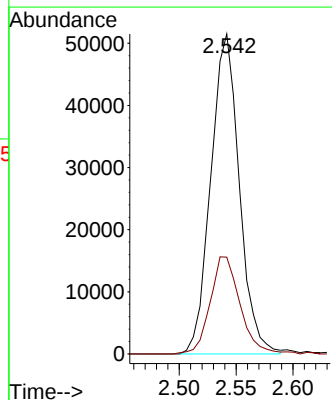
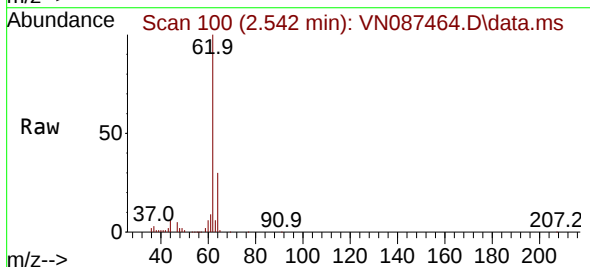
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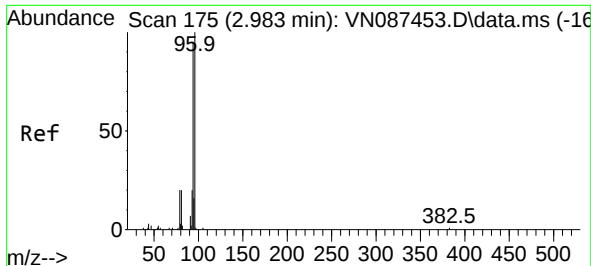
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#4
Vinyl Chloride
Concen: 21.885 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087464.D
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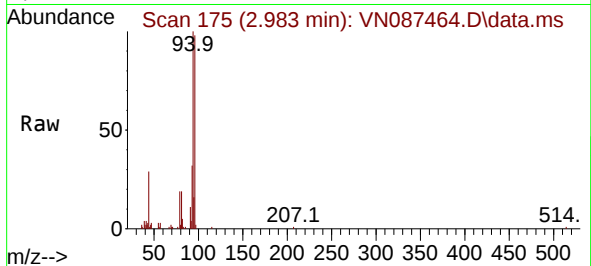
Tgt Ion: 62 Resp: 89963
Ion Ratio Lower Upper
62 100
64 29.9 23.4 35.2





#5
Bromomethane
Concen: 18.270 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

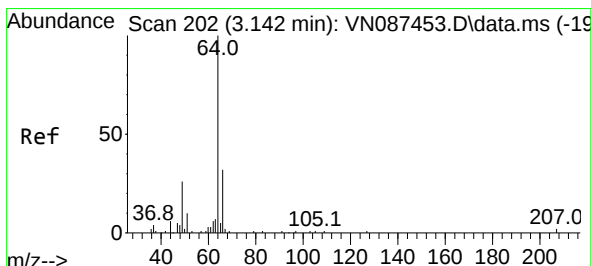
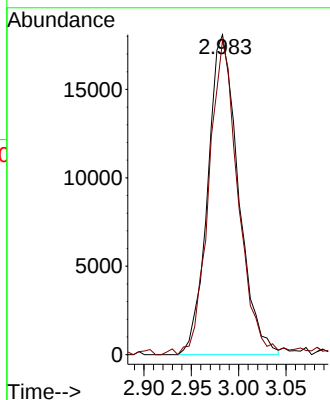
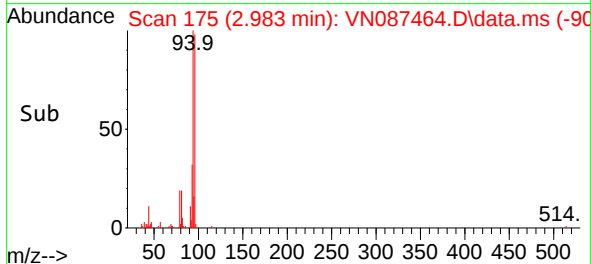
Instrument :
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001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 94 Resp: 40650
Ion Ratio Lower Upper
94 100
96 98.2 84.2 126.4

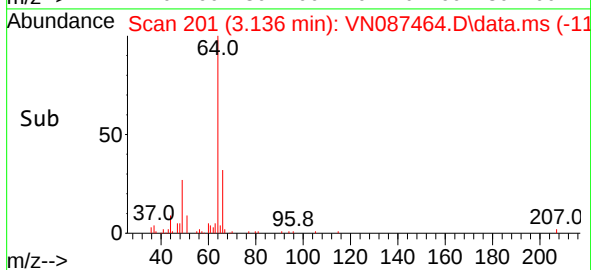
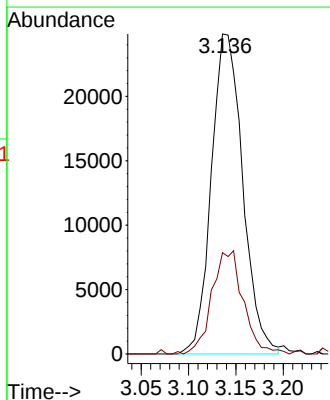
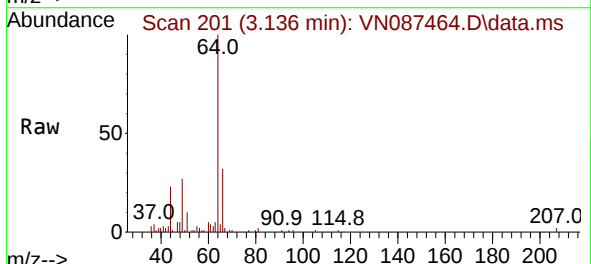
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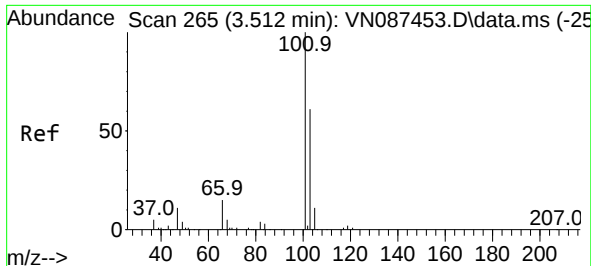
Reviewed By :John Carlone 08/06/2025
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#6
Chloroethane
Concen: 21.597 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN087464.D
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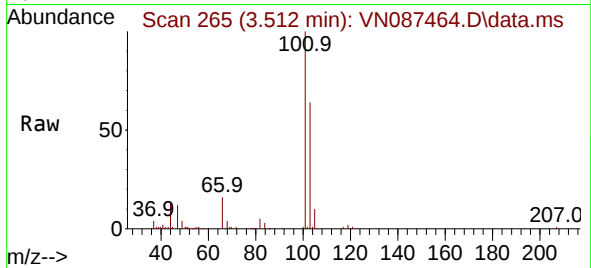
Tgt Ion: 64 Resp: 57248
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 21.733 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
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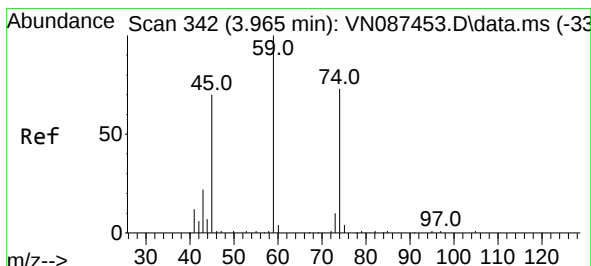
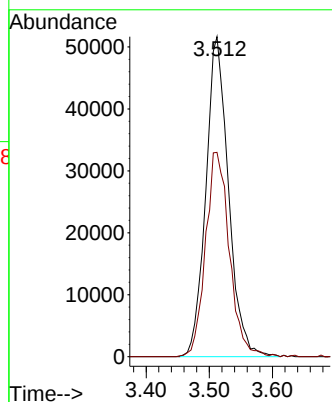
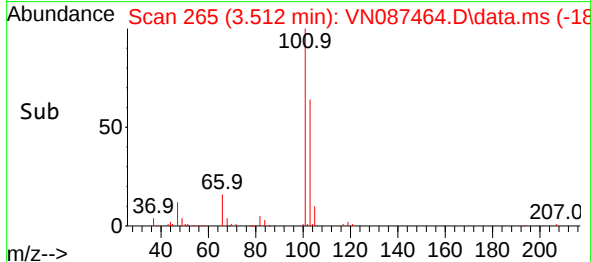
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Tgt Ion:101 Resp: 12857
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.2 73.8

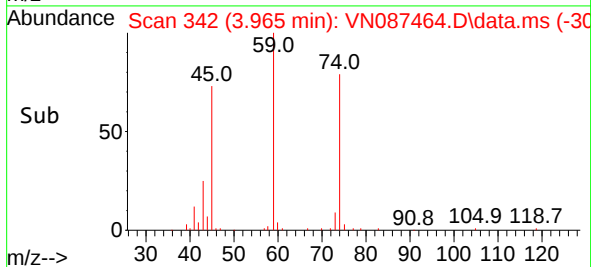
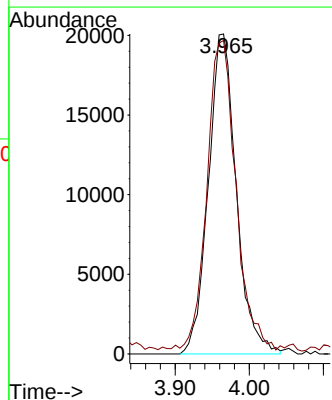
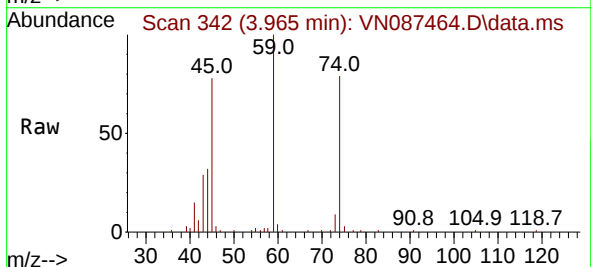
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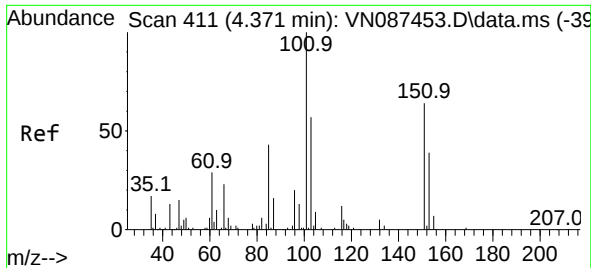
Reviewed By :John Carlone 08/06/2025
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#8
 Diethyl Ether
 Concen: 21.337 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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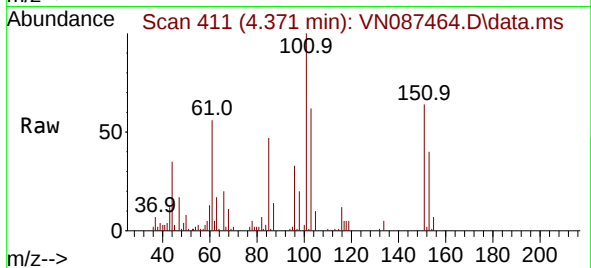
Tgt Ion: 74 Resp: 52589
 Ion Ratio Lower Upper
 74 100
 45 99.7 20.1 180.9





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.790 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
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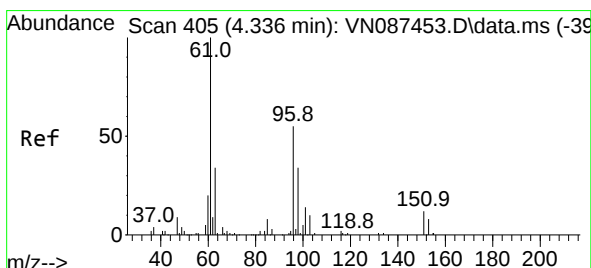
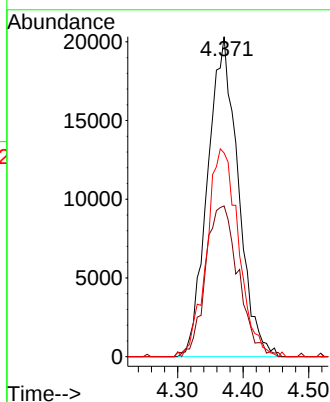
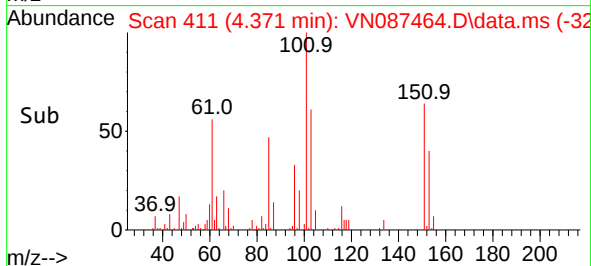
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 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)MS



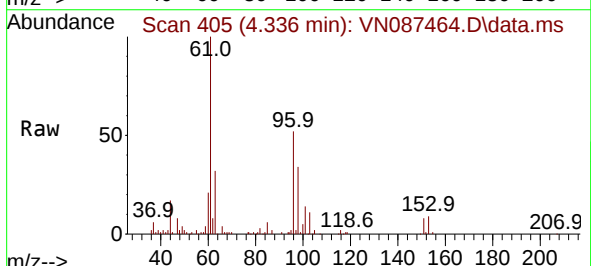
Tgt Ion:101 Resp: 6573
 Ion Ratio Lower Upper
 101 100
 85 49.8 0.0 57.0
 151 67.2 0.0 134.2

Manual Integrations
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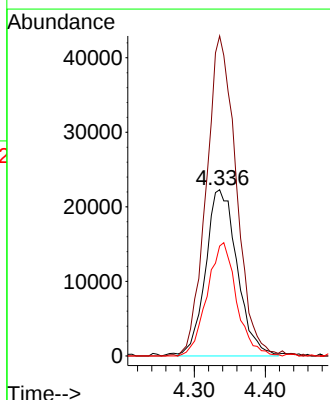
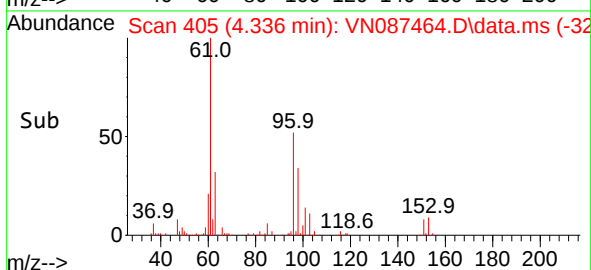
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

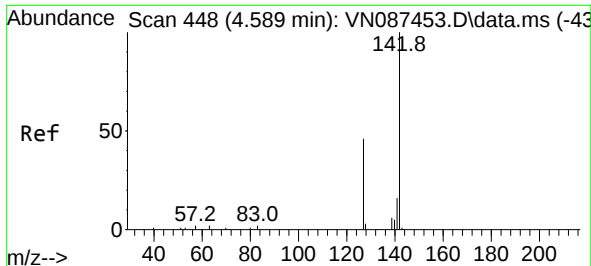


#10
 1,1-Dichloroethene
 Concen: 21.671 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VN087464.D
 Acq: 05 Aug 2025 18:35



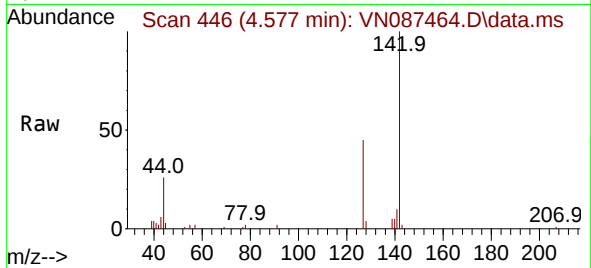
Tgt Ion: 96 Resp: 68672
 Ion Ratio Lower Upper
 96 100
 61 194.9 144.2 216.4
 98 66.9 49.7 74.5





#11
Methyl Iodide
Concen: 15.909 ug/l
RT: 4.577 min Scan# 448
Delta R.T. -0.012 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

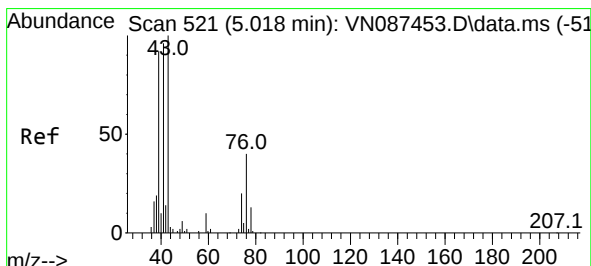
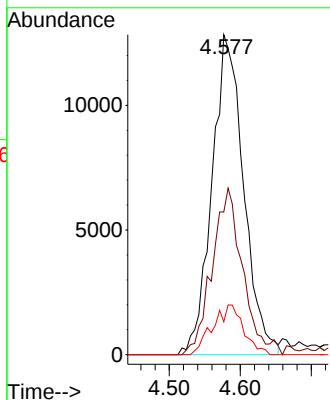
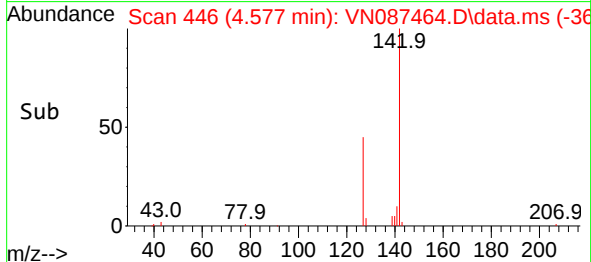
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion:142 Resp: 39694
Ion Ratio Lower Upper
142 100
127 43.9 22.9 68.7
141 10.5 7.7 23.1

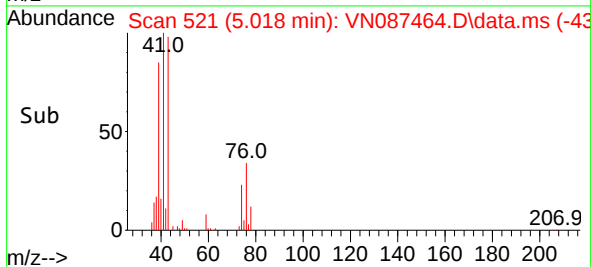
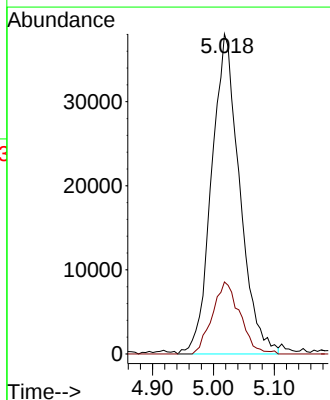
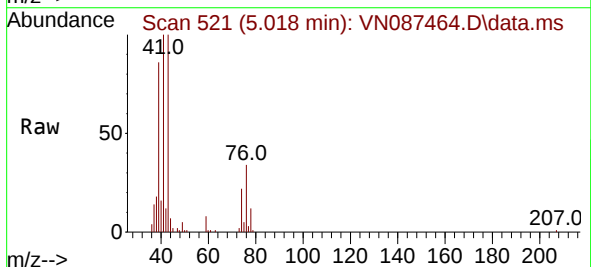
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#12
Methyl Acetate
Concen: 20.842 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

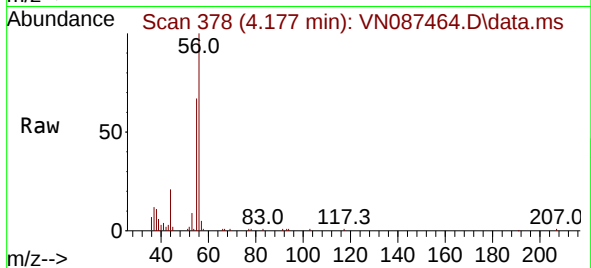
Tgt Ion: 43 Resp: 121879
Ion Ratio Lower Upper
43 100
74 22.7 16.0 24.0





#13
Acrolein
Concen: 93.411 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

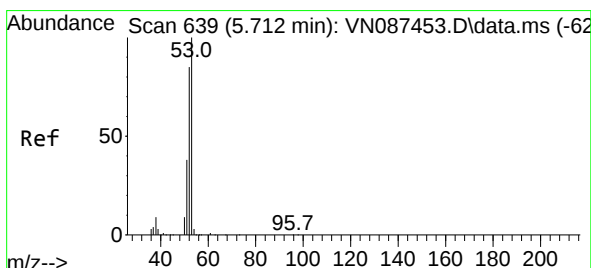
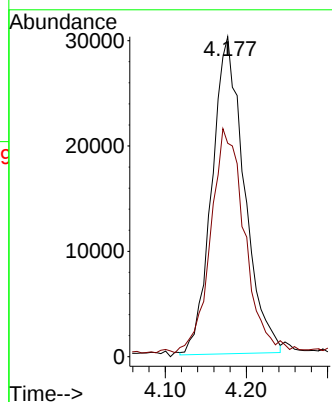
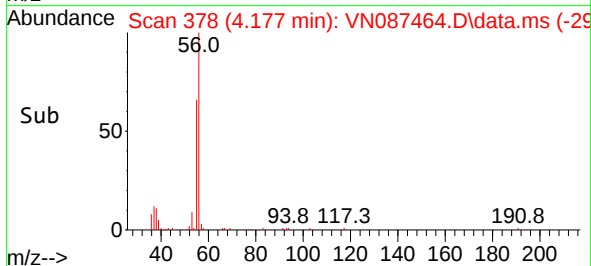
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



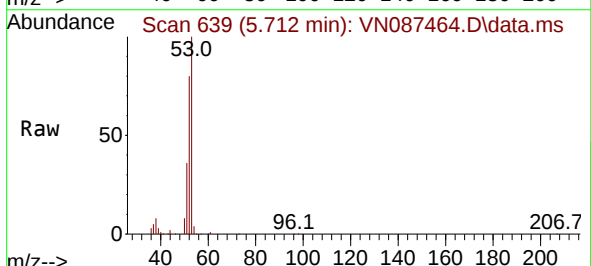
Tgt Ion: 56 Resp: 83429
Ion Ratio Lower Upper
56 100
55 72.8 57.4 86.0

Manual Integrations
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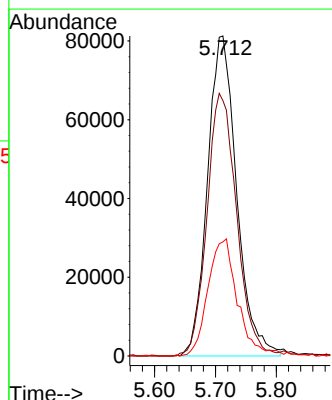
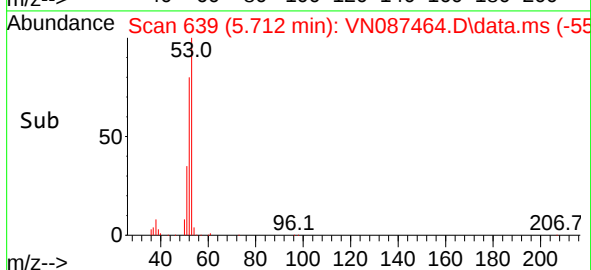
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#14
Acrylonitrile
Concen: 106.100 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35



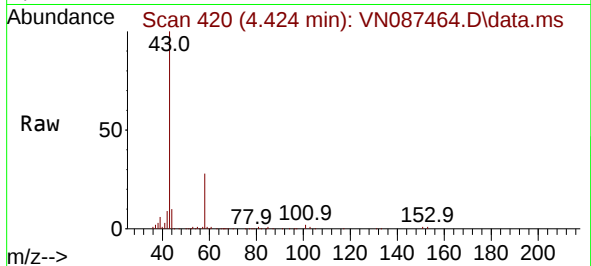
Tgt Ion: 53 Resp: 270925
Ion Ratio Lower Upper
53 100
52 83.2 42.4 127.2
51 36.2 18.5 55.5





#15
Acetone
Concen: 107.813 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

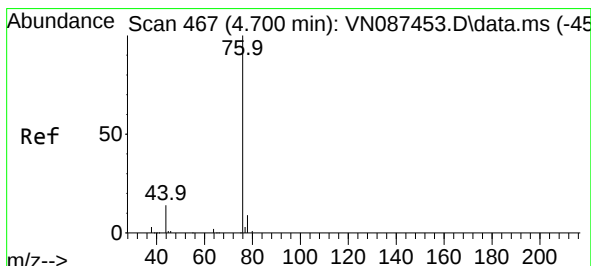
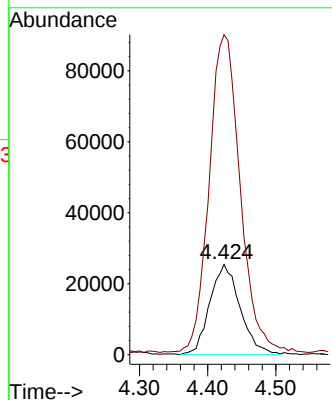
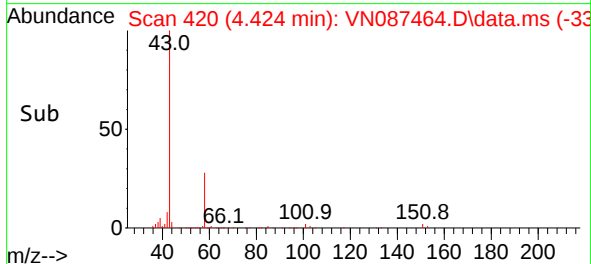
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 58 Resp: 78660
Ion Ratio Lower Upper
58 100
43 350.4 268.9 403.3

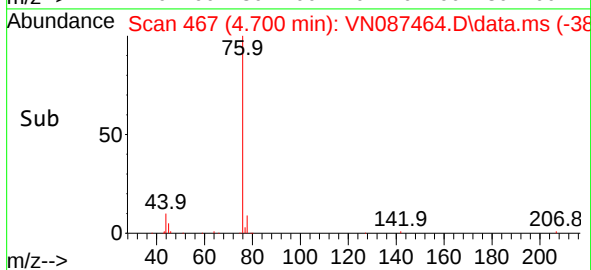
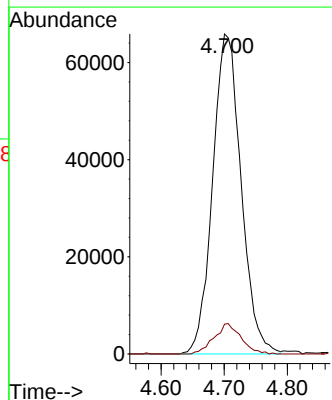
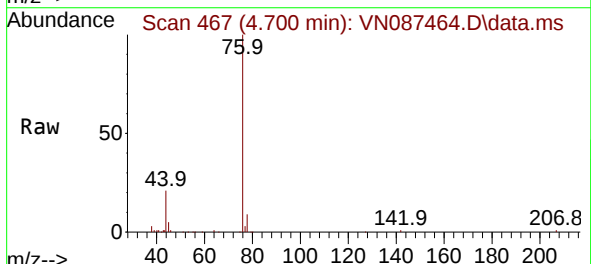
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#16
Carbon Disulfide
Concen: 20.964 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

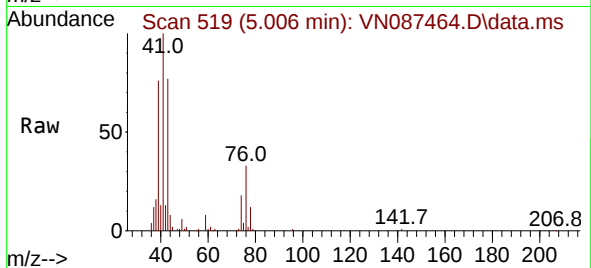
Tgt Ion: 76 Resp: 206068
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7





#17
 Allyl chloride
 Concen: 20.080 ug/l
 RT: 5.006 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN087464.D
 Acq: 05 Aug 2025 18:35

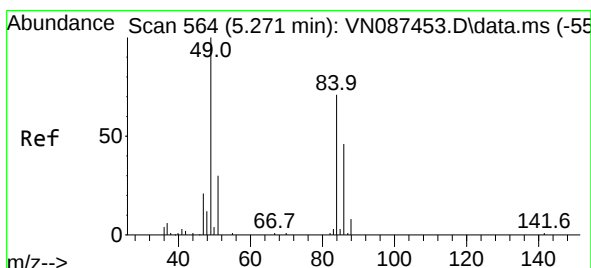
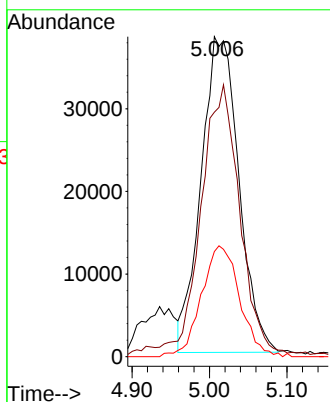
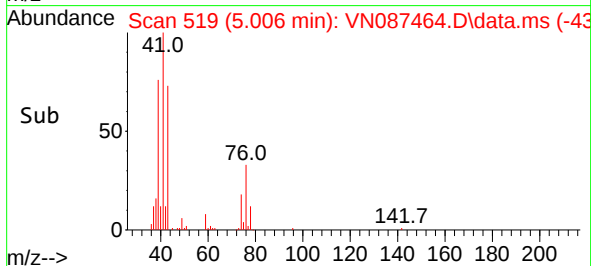
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 41 Resp: 129694
 Ion Ratio Lower Upper
 41 100
 39 75.6 42.4 127.2
 76 32.2 16.9 50.6

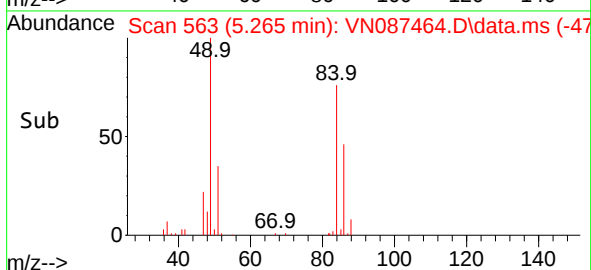
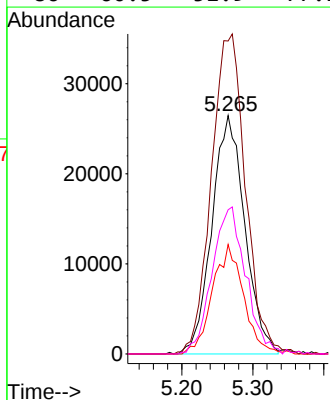
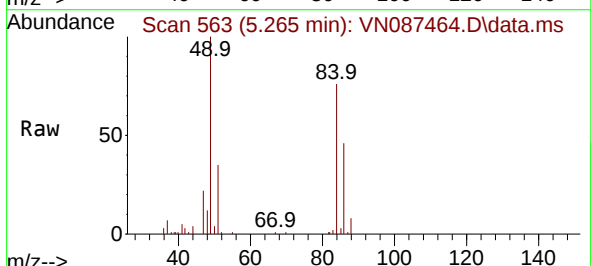
Manual Integrations
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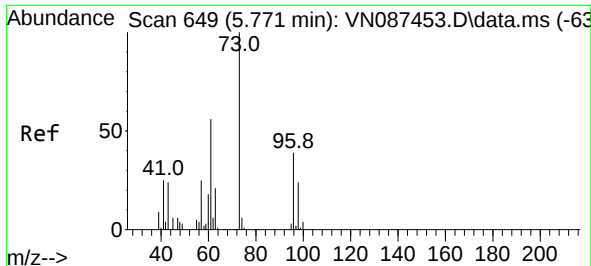
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#18
 Methylene Chloride
 Concen: 20.880 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087464.D
 Acq: 05 Aug 2025 18:35

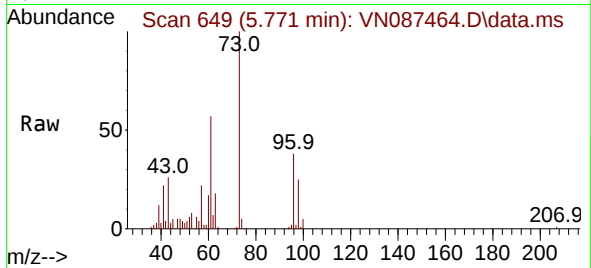
Tgt Ion: 84 Resp: 85179
 Ion Ratio Lower Upper
 84 100
 49 130.4 112.9 169.3
 51 45.9 33.8 50.8
 86 60.5 51.9 77.9





#19
trans-1,2-Dichloroethene
Concen: 20.087 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

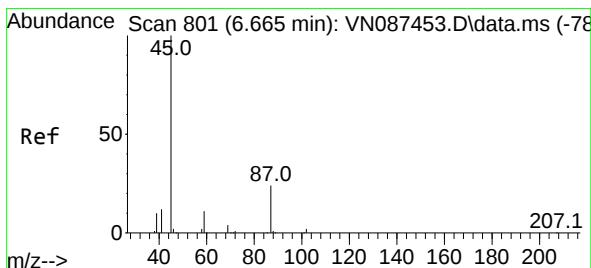
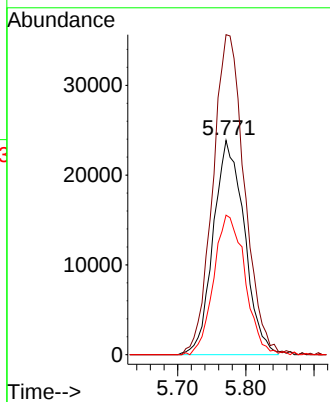
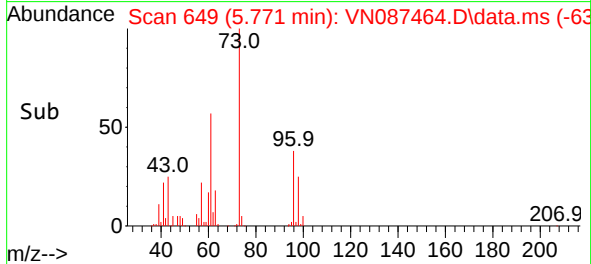
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



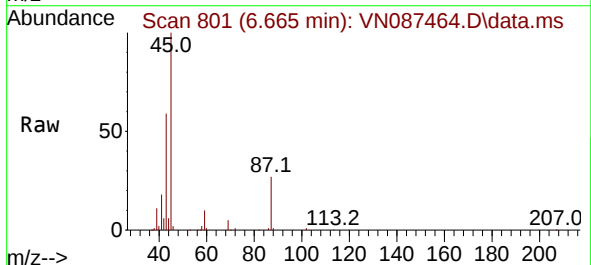
Tgt Ion: 96 Resp: 7569
Ion Ratio Lower Upper
96 100
61 149.3 114.2 171.4
98 65.1 48.7 73.1

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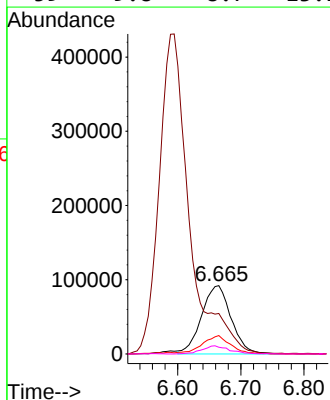
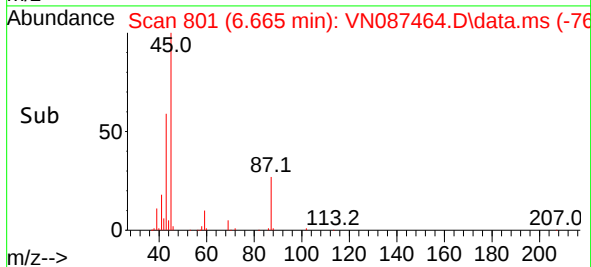
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#20
Diisopropyl ether
Concen: 20.352 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35



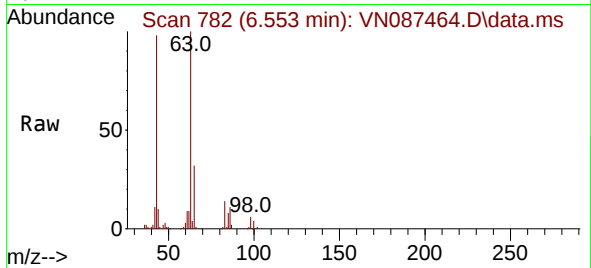
Tgt Ion: 45 Resp: 299448
Ion Ratio Lower Upper
45 100
43 58.4 44.7 67.1
87 26.8 20.2 30.2
59 9.8 8.7 13.1





#21
1,1-Dichloroethane
Concen: 20.622 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

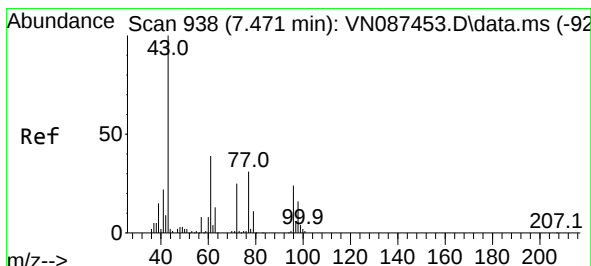
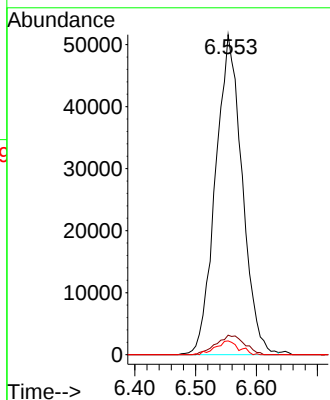
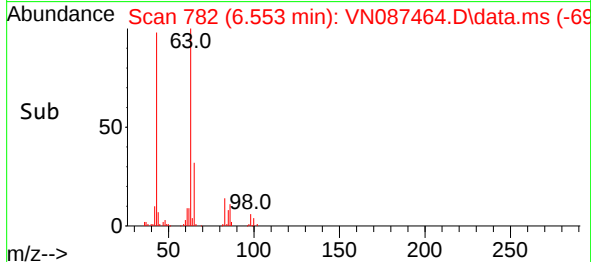
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



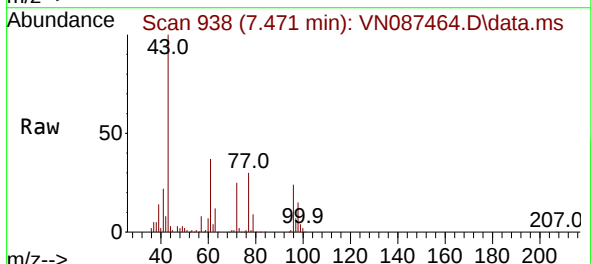
Tgt Ion: 63 Resp: 15684
Ion Ratio Lower Upper
63 100
98 6.1 3.0 9.0
100 4.3 1.9 5.7

Manual Integrations
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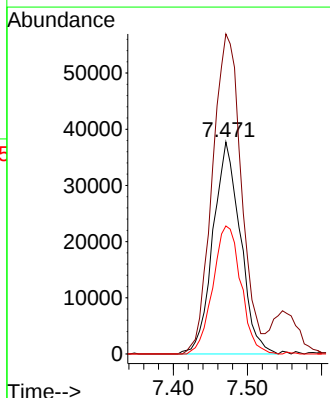
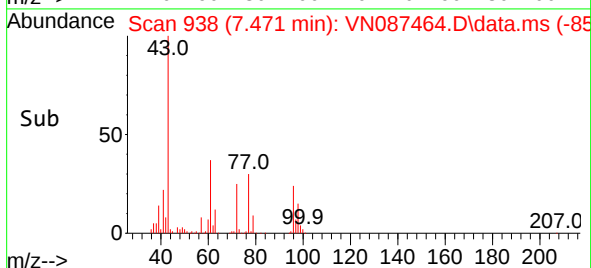
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

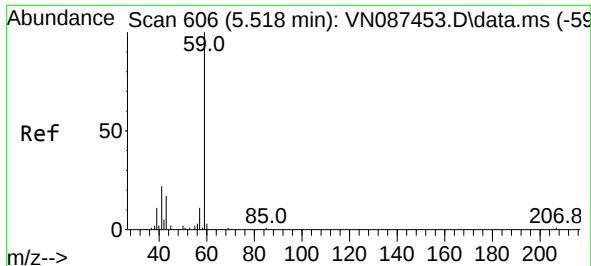


#22
cis-1,2-Dichloroethene
Concen: 20.902 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35



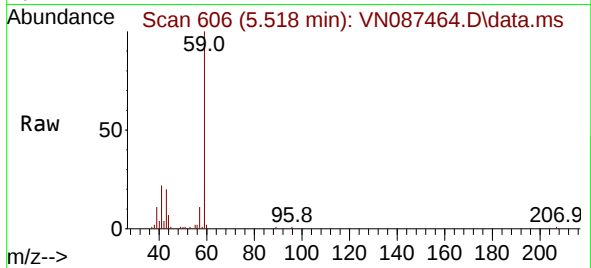
Tgt Ion: 96 Resp: 96912
Ion Ratio Lower Upper
96 100
61 160.7 126.6 190.0
98 61.8 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 106.126 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

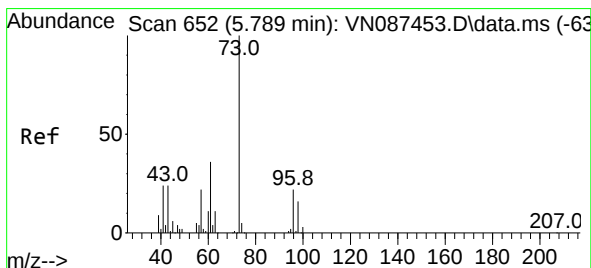
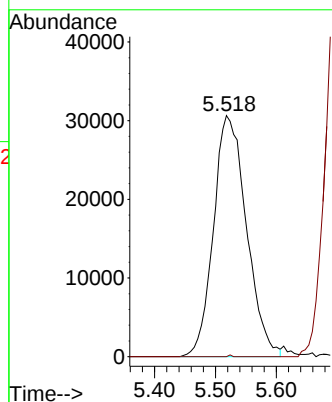
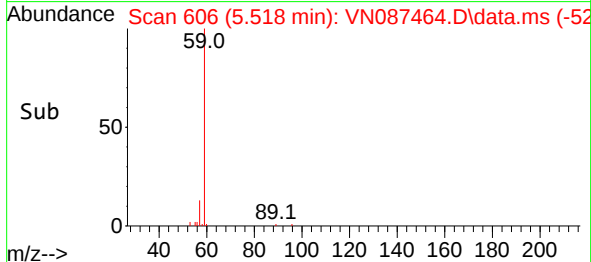
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



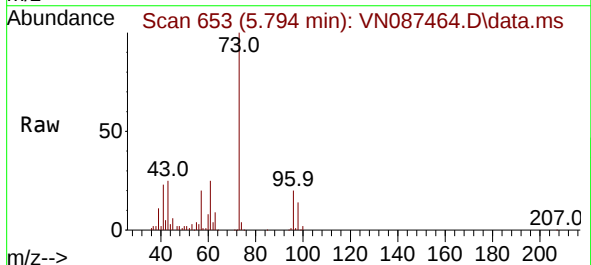
Tgt Ion: 59 Resp: 11515
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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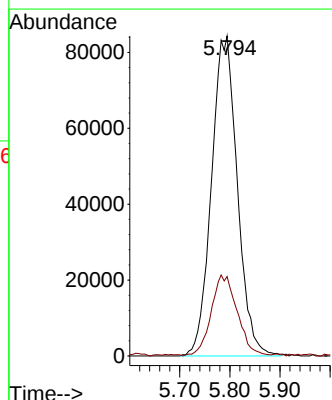
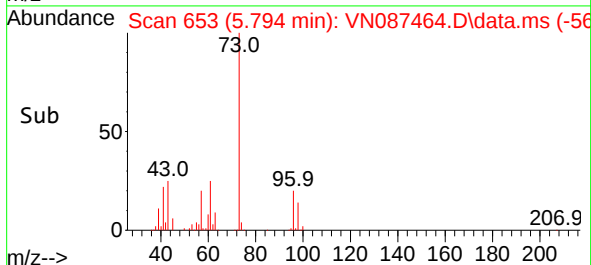
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

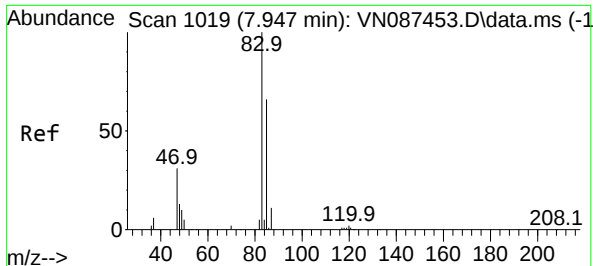


#24
Methyl tert-Butyl Ether
Concen: 20.933 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35



Tgt Ion: 73 Resp: 302253
Ion Ratio Lower Upper
73 100
43 25.6 19.9 29.9





#25

Chloroform

Concen: 37.348 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VN087464.D

Acq: 05 Aug 2025 18:35

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MS

Tgt Ion: 83 Resp: 296504

Ion Ratio Lower Upper

83 100

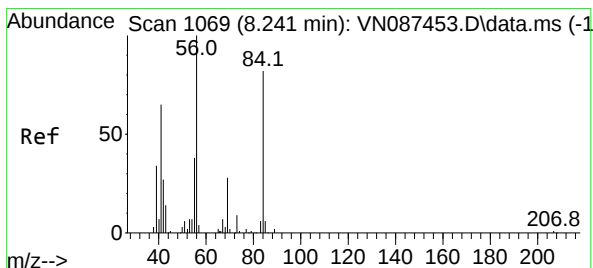
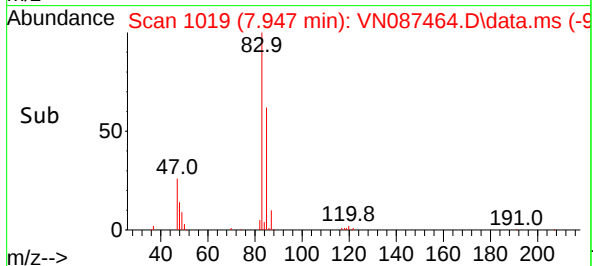
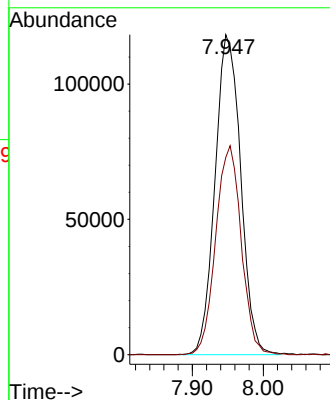
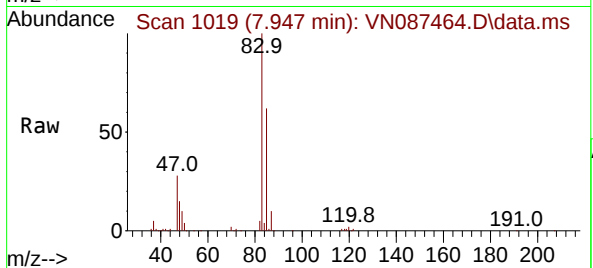
85 61.5 52.6 78.8

Manual Integrations

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Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#26

Cyclohexane

Concen: 21.785 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087464.D

Acq: 05 Aug 2025 18:35

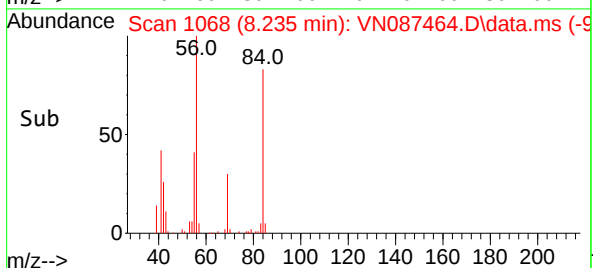
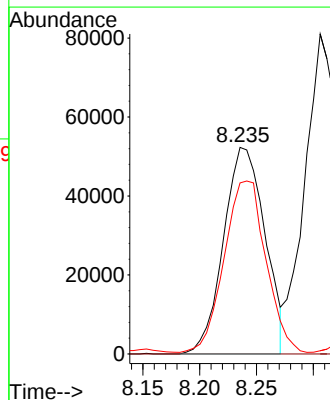
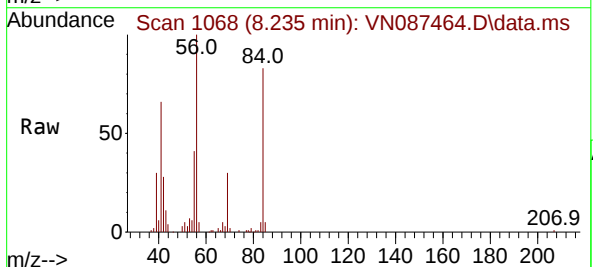
Tgt Ion: 56 Resp: 132657

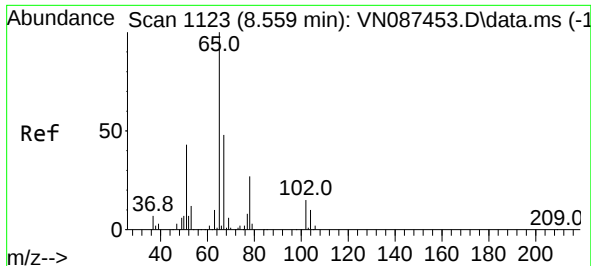
Ion Ratio Lower Upper

56 100

89 0.0 2.3 3.5#

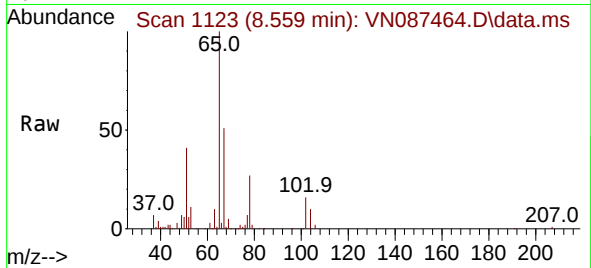
84 85.5 67.0 100.4





#27
1,2-Dichloroethane-d4
Concen: 30.941 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

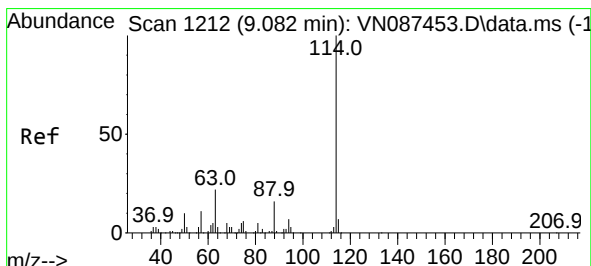
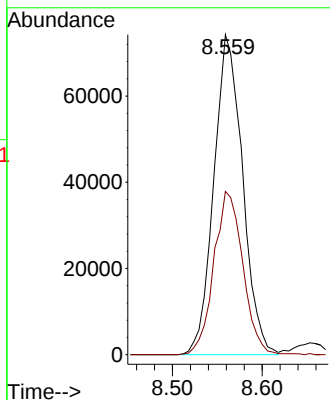
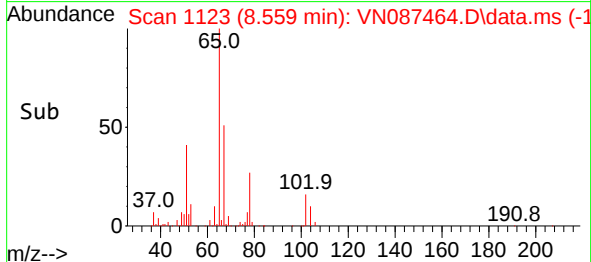
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 65 Resp: 165120
Ion Ratio Lower Upper
65 100
67 51.4 40.8 61.2

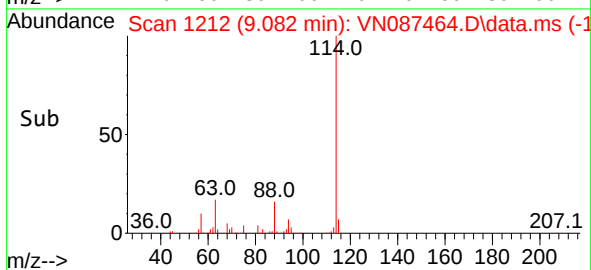
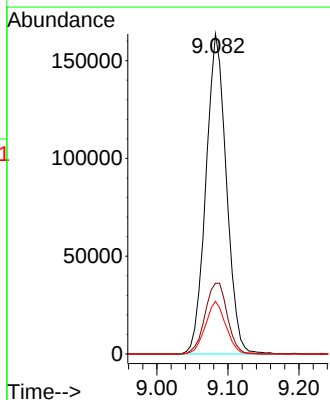
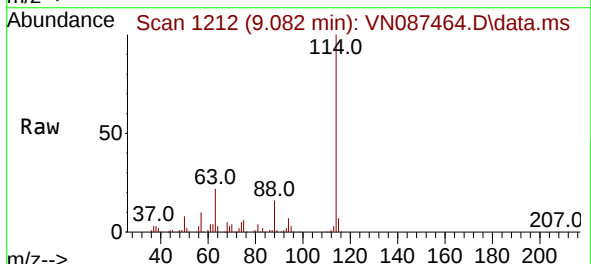
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

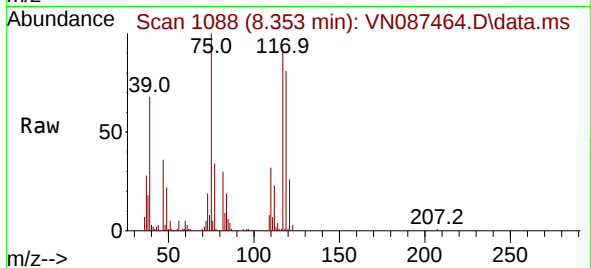
Tgt Ion:114 Resp: 327425
Ion Ratio Lower Upper
114 100
63 24.0 18.9 28.3
88 16.4 13.1 19.7





#29
 1,1-Dichloropropene
 Concen: 20.631 ug/l
 RT: 8.353 min Scan# 1088
 Delta R.T. 0.000 min
 Lab File: VN087464.D
 Acq: 05 Aug 2025 18:35

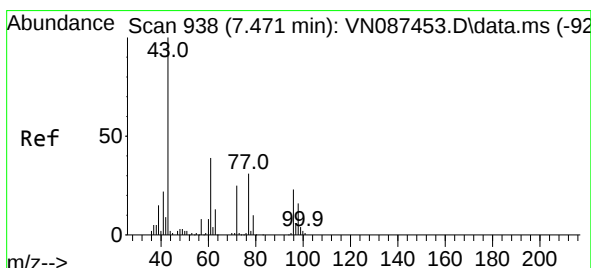
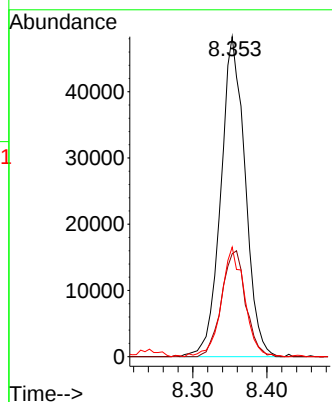
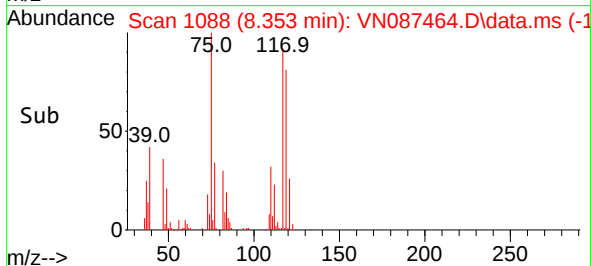
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 75 Resp: 110179
 Ion Ratio Lower Upper
 75 100
 110 32.9 0.0 65.8
 77 32.5 0.0 63.6

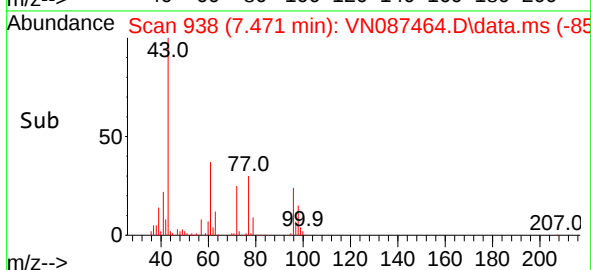
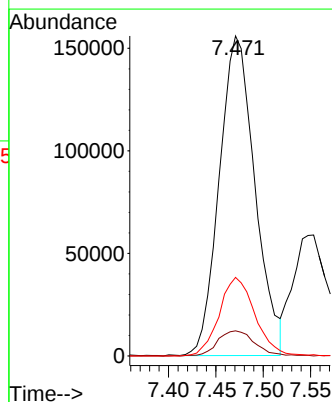
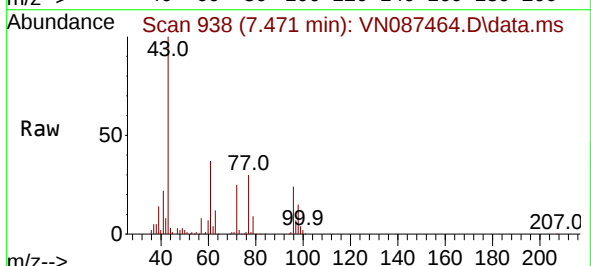
Manual Integrations
 APPROVED

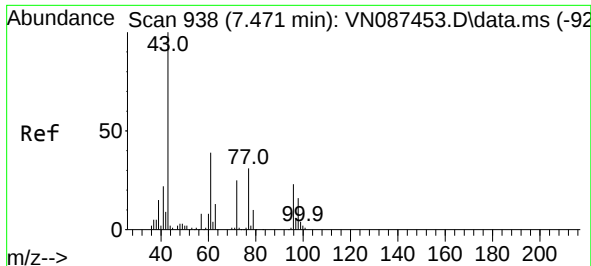
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#30
 2-Butanone
 Concen: 103.770 ug/l
 RT: 7.471 min Scan# 938
 Delta R.T. 0.000 min
 Lab File: VN087464.D
 Acq: 05 Aug 2025 18:35

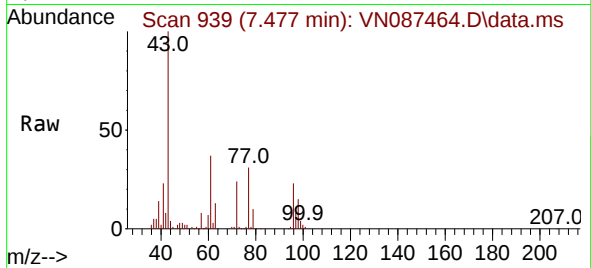
Tgt Ion: 43 Resp: 408485
 Ion Ratio Lower Upper
 43 100
 57 8.1 6.6 9.8
 72 24.7 19.7 29.5





#31
2,2-Dichloropropane
Concen: 19.726 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

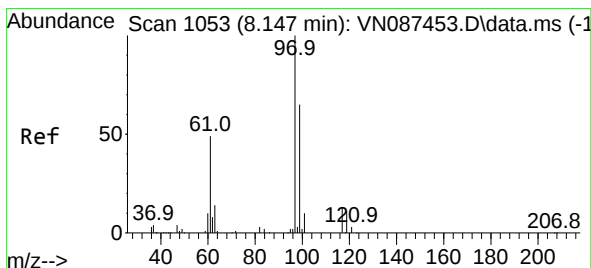
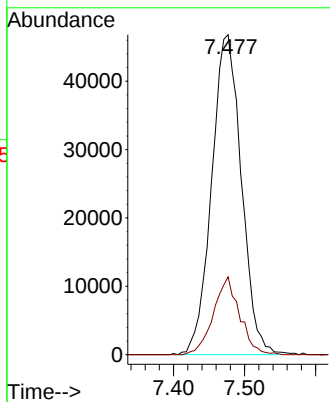
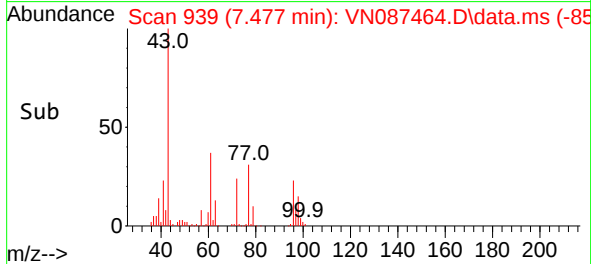
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 77 Resp: 135864
Ion Ratio Lower Upper
77 100
97 21.4 16.7 25.1

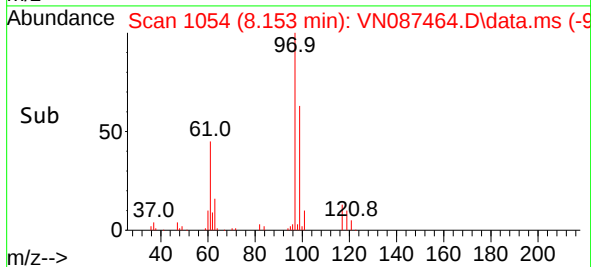
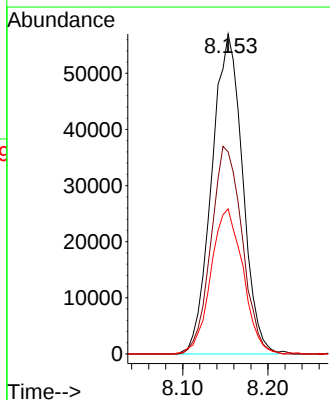
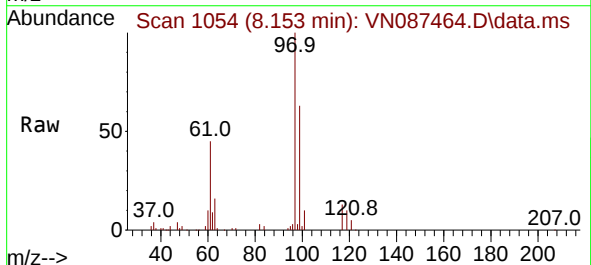
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#32
1,1,1-Trichloroethane
Concen: 21.016 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

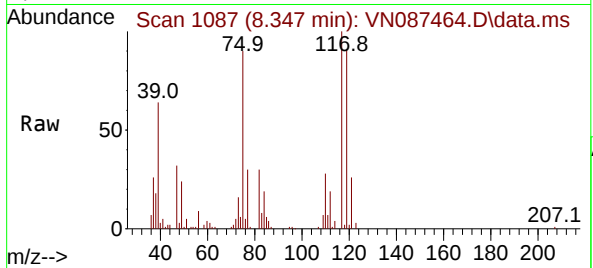
Tgt Ion: 97 Resp: 143139
Ion Ratio Lower Upper
97 100
99 65.4 53.0 79.6
61 47.4 40.6 61.0





#33
Carbon Tetrachloride
Concen: 21.209 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

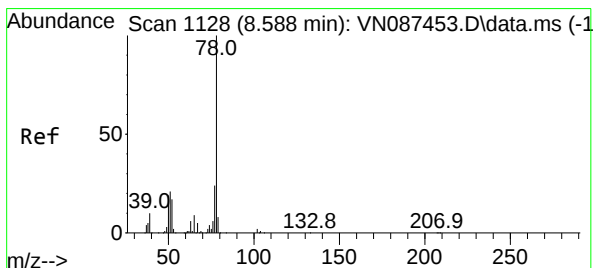
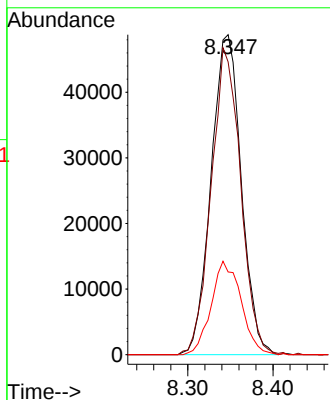
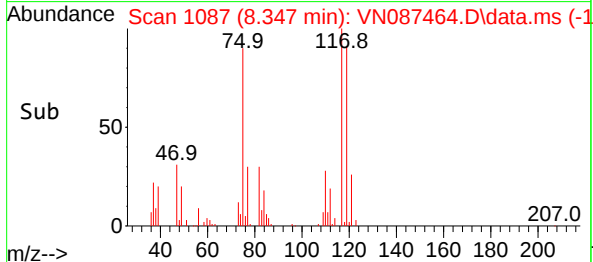
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 117 Resp: 120000
Ion Ratio Lower Upper
117 100
119 91.5 73.4 110.0
121 25.8 21.1 31.7

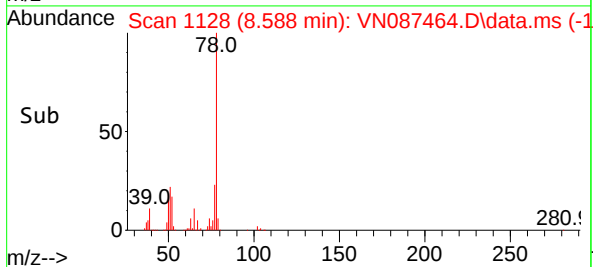
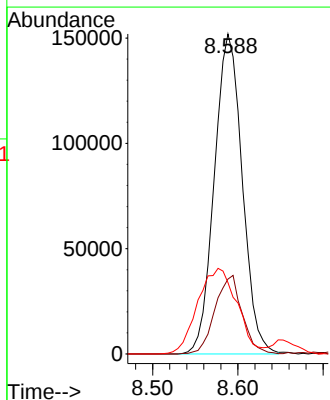
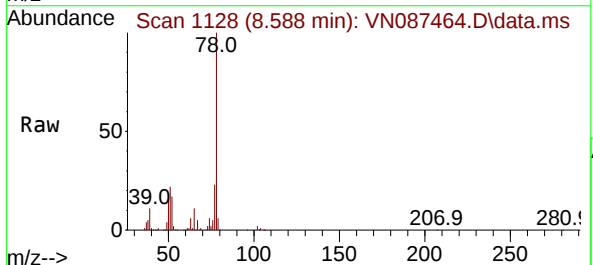
Manual Integrations
APPROVED

Reviewed By : John Carlone 08/06/2025
Supervised By : Mahesh Dadoda 08/06/2025



#34
Benzene
Concen: 20.533 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

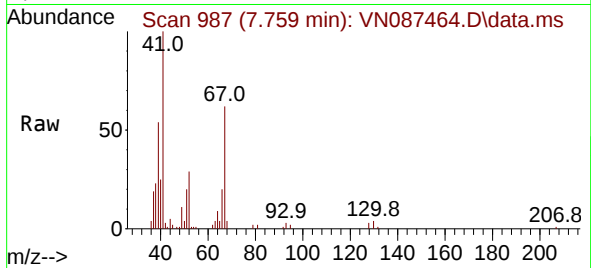
Tgt Ion: 78 Resp: 346136
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8
51 20.6 16.9 25.3





#35
Methacrylonitrile
Concen: 20.902 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

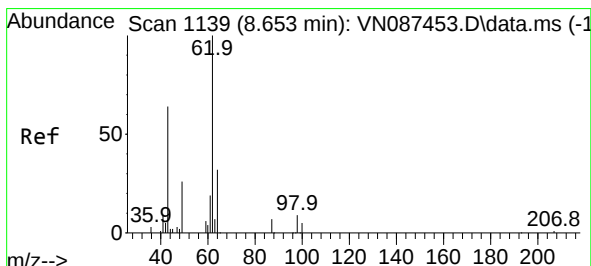
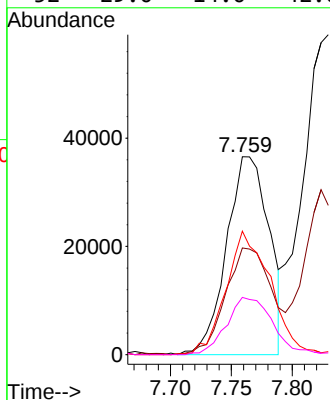
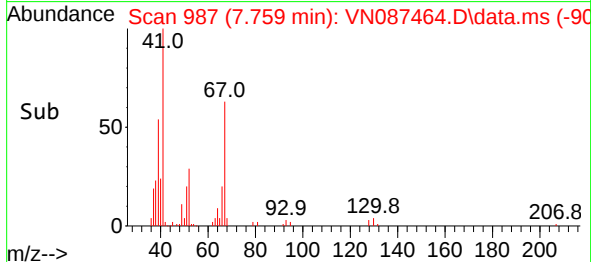
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 41 Resp: 8878
Ion Ratio Lower Upper
41 100
39 53.4 30.1 90.5
67 62.0 32.0 96.2
52 29.0 14.0 42.0

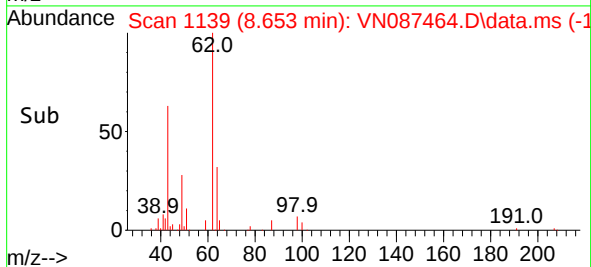
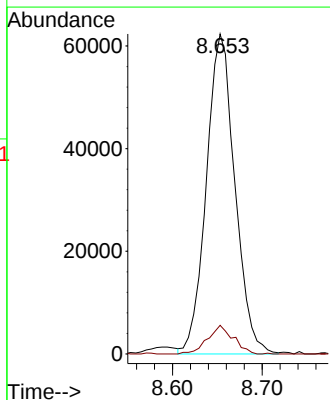
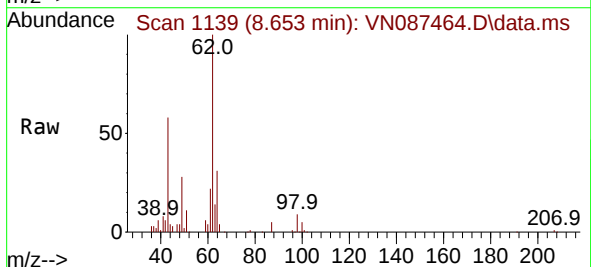
Manual Integrations
APPROVED

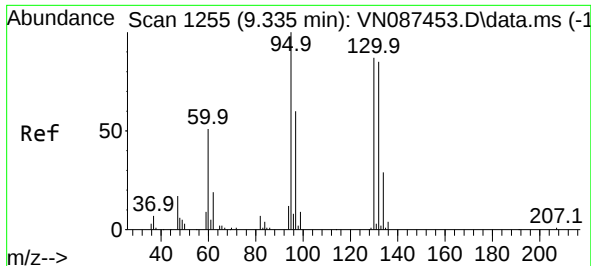
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#36
1,2-Dichloroethane
Concen: 20.203 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

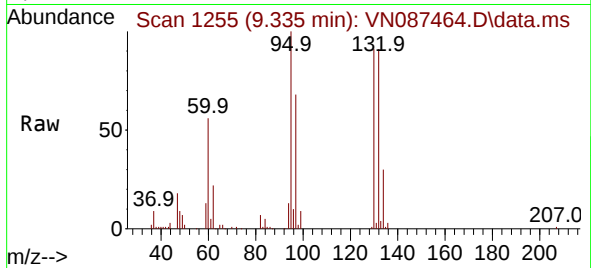
Tgt Ion: 62 Resp: 137652
Ion Ratio Lower Upper
62 100
98 8.0 6.6 9.8





#37
Trichloroethene
Concen: 20.689 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

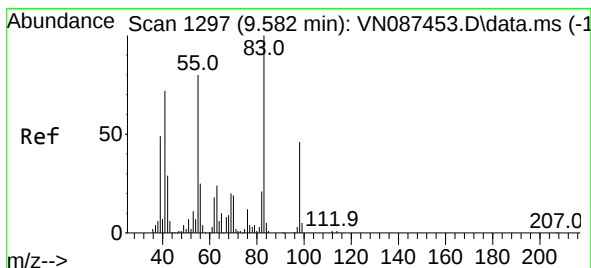
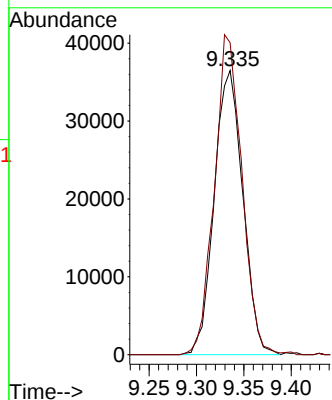
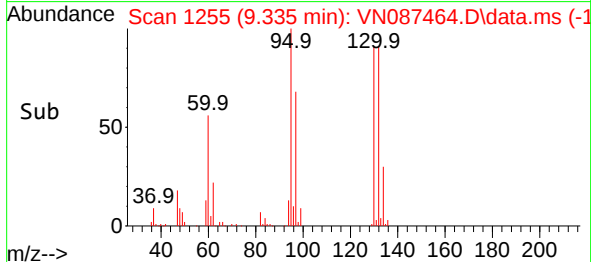
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



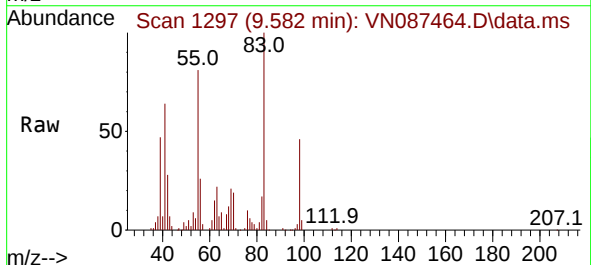
Tgt Ion:130 Resp: 7682
Ion Ratio Lower Upper
130 100
95 109.8 91.4 137.2

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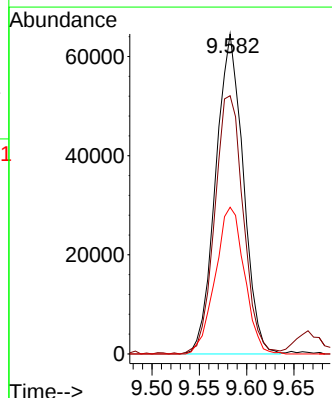
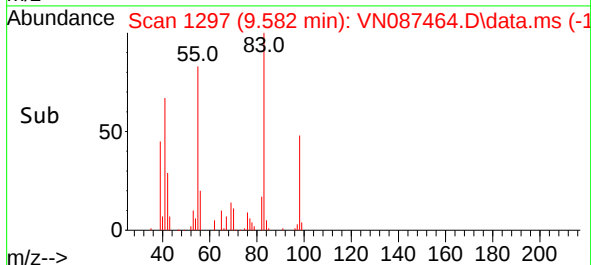
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

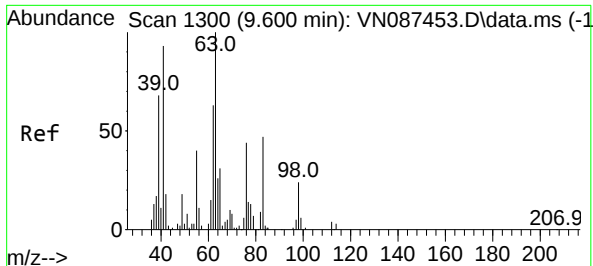


#38
Methylcyclohexane
Concen: 21.078 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35



Tgt Ion: 83 Resp: 130586
Ion Ratio Lower Upper
83 100
55 83.8 41.2 123.6
98 48.5 23.3 69.9





#39

1,2-Dichloropropane

Concen: 20.601 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN087464.D

Acq: 05 Aug 2025 18:35

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MS

Tgt Ion: 63 Resp: 8904

Ion Ratio Lower Upper

63 100

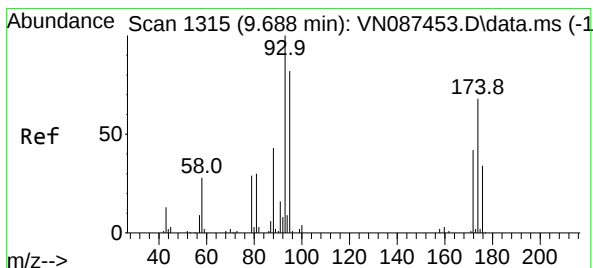
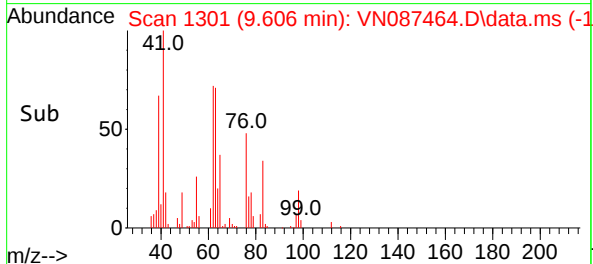
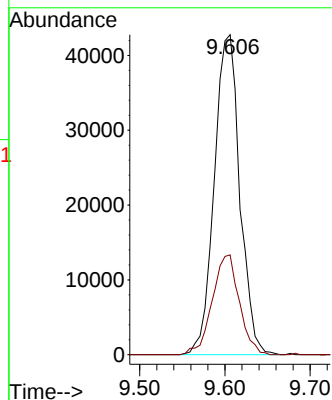
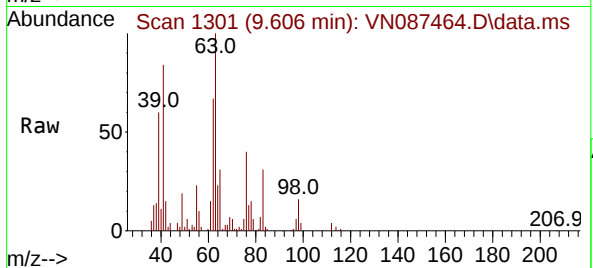
65 31.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#40

Dibromomethane

Concen: 20.120 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087464.D

Acq: 05 Aug 2025 18:35

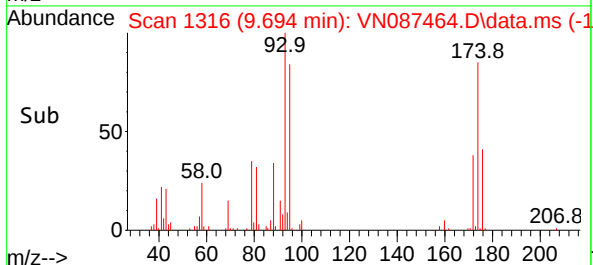
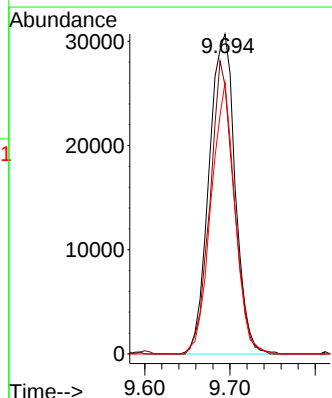
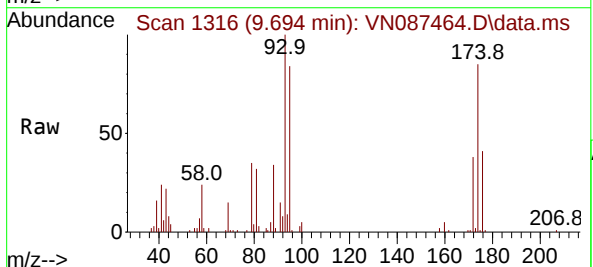
Tgt Ion: 93 Resp: 65247

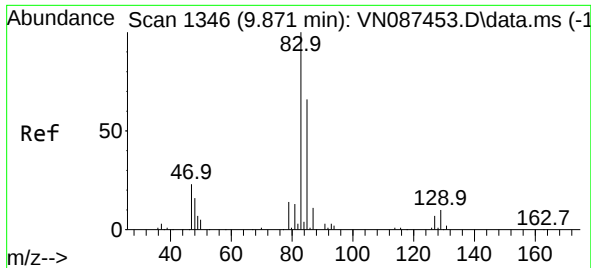
Ion Ratio Lower Upper

93 100

95 84.0 0.0 161.6

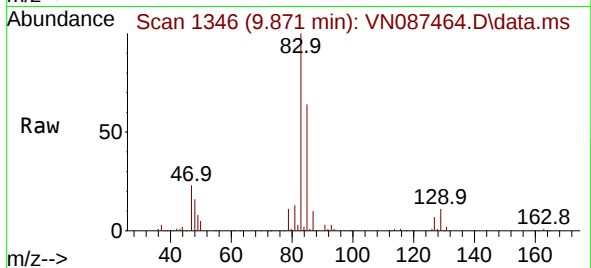
174 77.7 0.0 151.4





#41
Bromodichloromethane
Concen: 21.660 ug/l
RT: 9.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

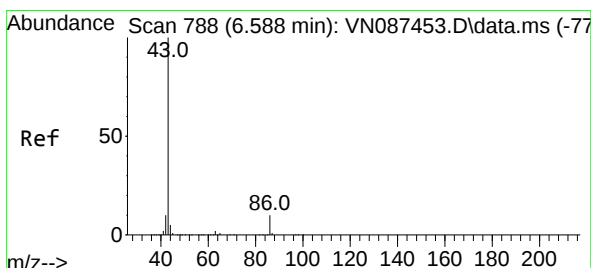
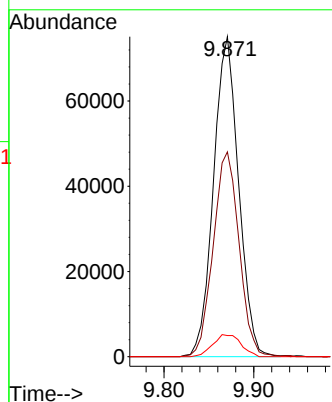
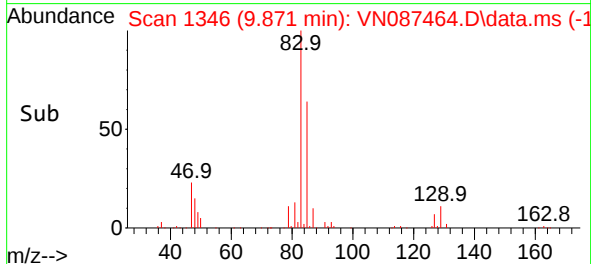
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 83 Resp: 14595
Ion Ratio Lower Upper
83 100
85 64.0 52.9 79.3
127 6.6 5.8 8.6

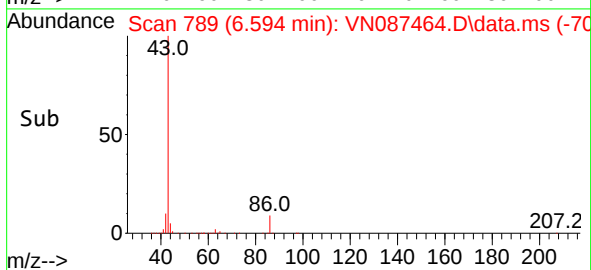
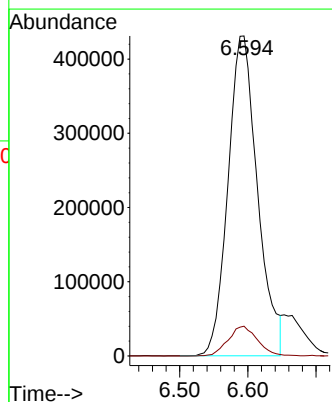
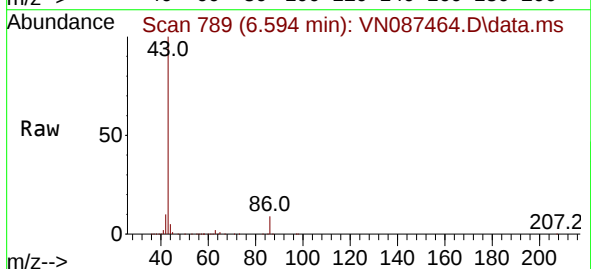
Manual Integrations
APPROVED

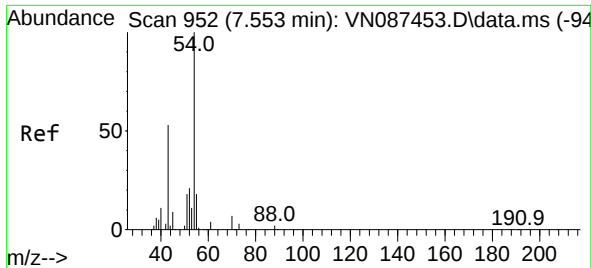
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#42
Vinyl Acetate
Concen: 100.352 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

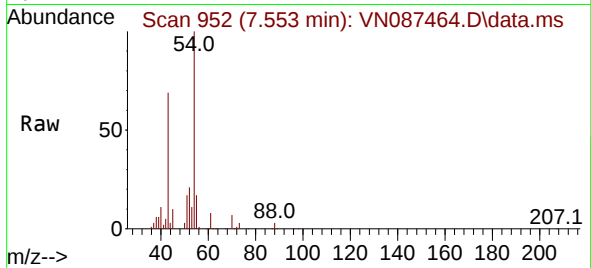
Tgt Ion: 43 Resp: 1300901
Ion Ratio Lower Upper
43 100
86 9.2 7.3 10.9





#43
Ethyl Acetate
Concen: 20.884 ug/l
RT: 7.553 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

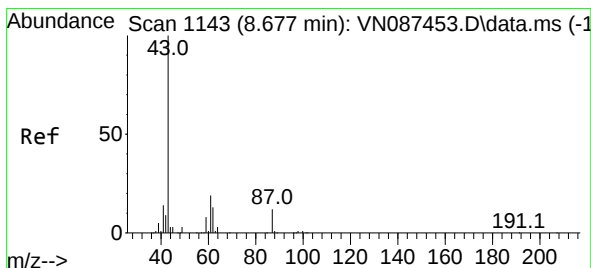
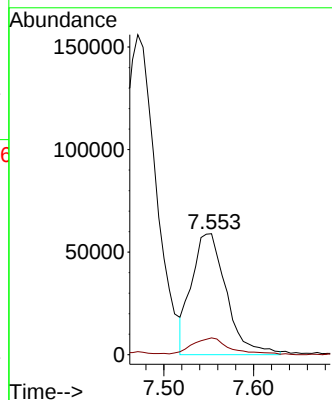
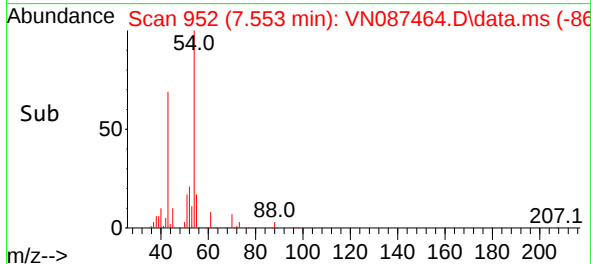
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 43 Resp: 158819
Ion Ratio Lower Upper
43 100
45 14.2 11.1 16.7

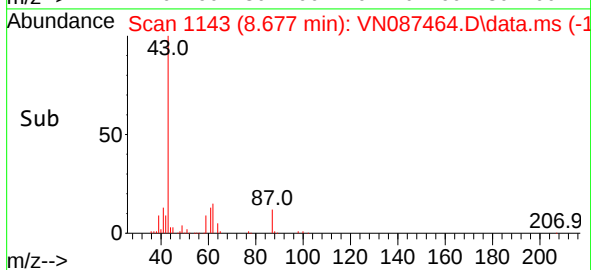
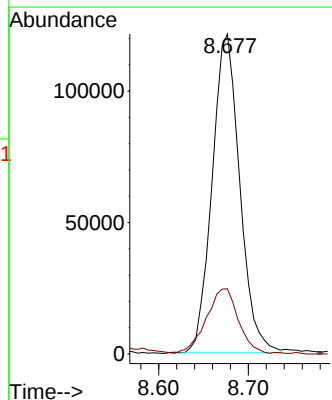
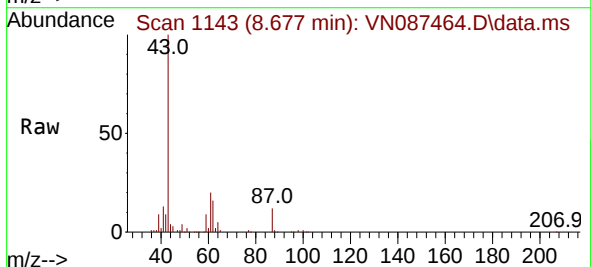
Manual Integrations
APPROVED

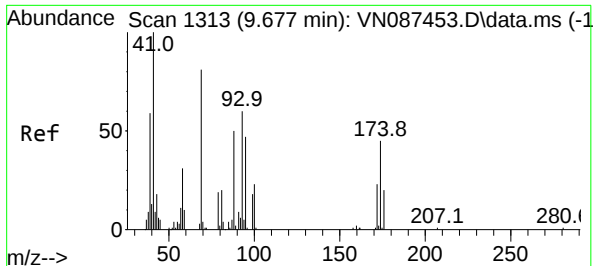
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#44
Isopropyl Acetate
Concen: 20.140 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

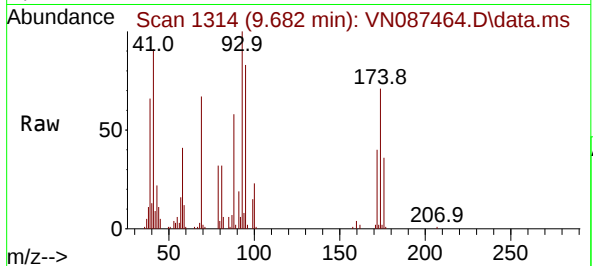
Tgt Ion: 43 Resp: 259623
Ion Ratio Lower Upper
43 100
61 23.9 18.6 28.0





#45
1,4-Dioxane
Concen: 430.561 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

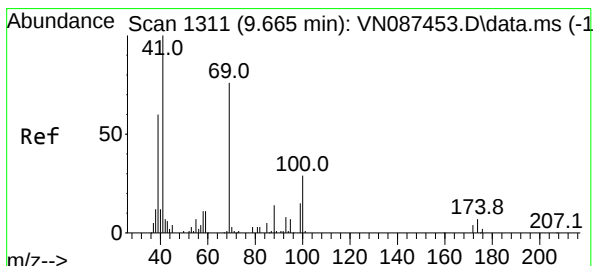
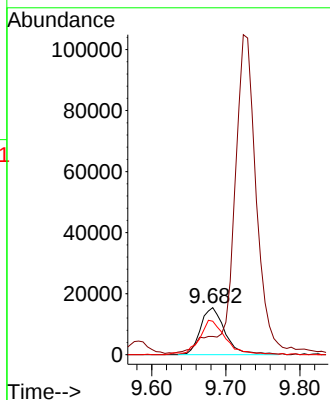
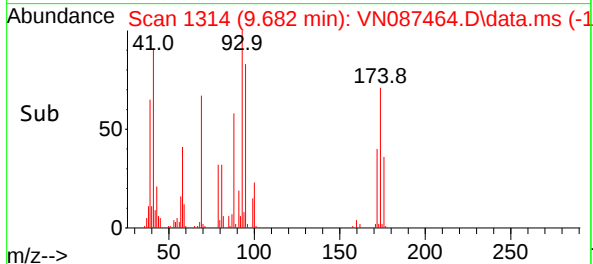
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



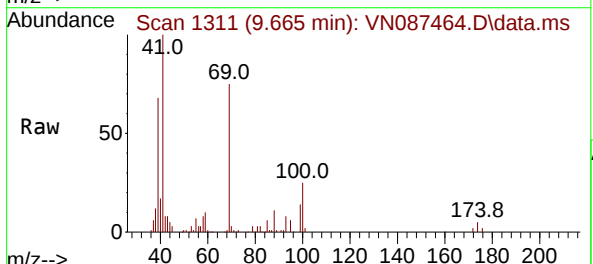
Tgt Ion: 88 Resp: 3538
Ion Ratio Lower Upper
88 100
43 16.5 24.1 36.1
58 76.0 57.2 85.8

Manual Integrations
APPROVED

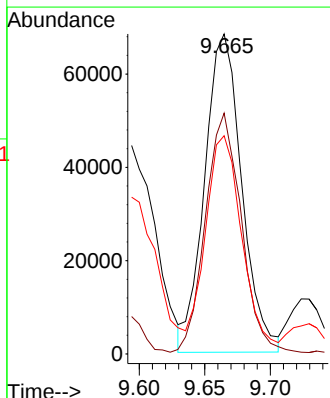
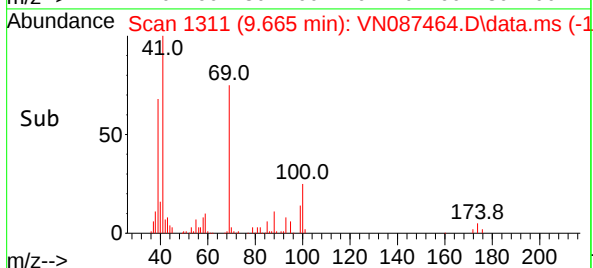
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

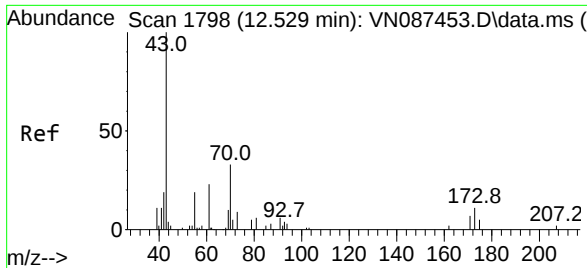


#46
Methyl methacrylate
Concen: 22.074 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35



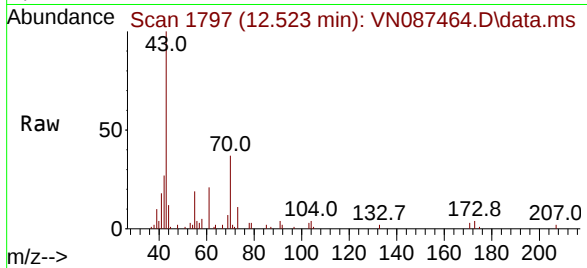
Tgt Ion: 41 Resp: 134321
Ion Ratio Lower Upper
41 100
69 78.0 37.1 111.5
39 68.3 30.7 92.1





#47
n-amy1 Acetate
Concen: 22.365 ug/l m
RT: 12.523 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

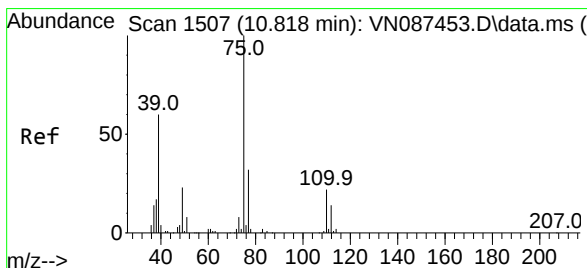
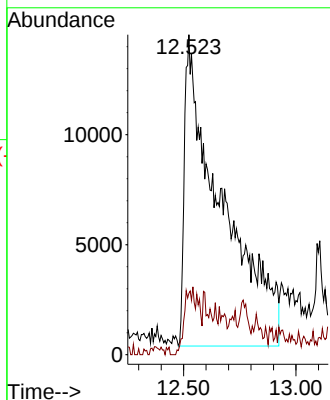
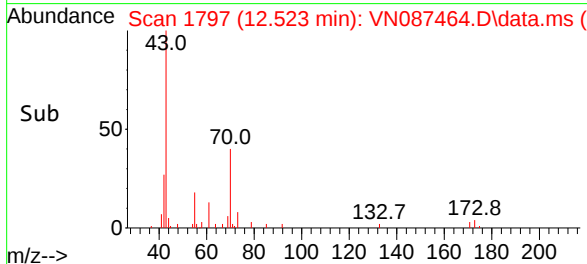
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 43 Resp: 15926
Ion Ratio Lower Upper
43 100
55 2.5 4.6 6.8

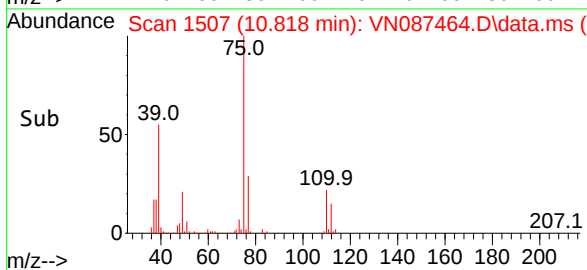
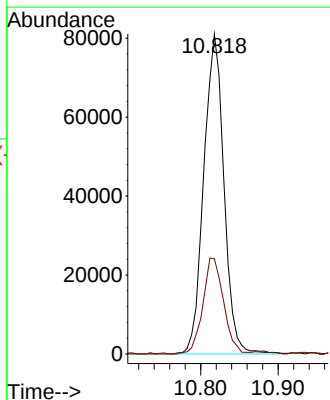
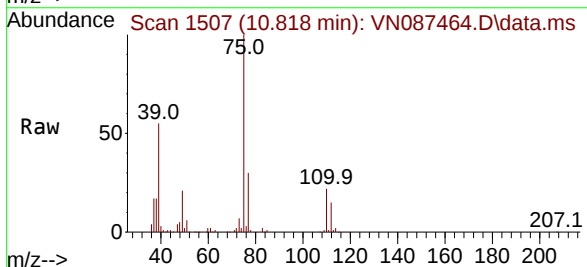
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#48
t-1,3-Dichloropropene
Concen: 19.978 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

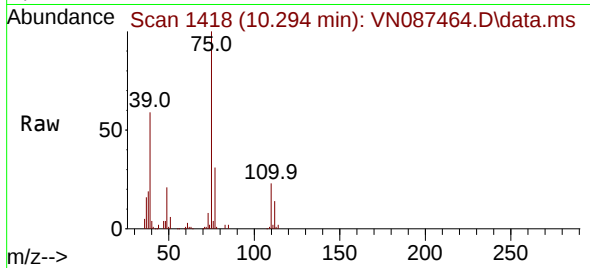
Tgt Ion: 75 Resp: 146464
Ion Ratio Lower Upper
75 100
77 29.4 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.867 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN087464.D
 Acq: 05 Aug 2025 18:35

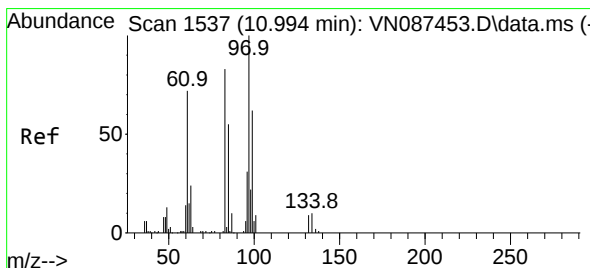
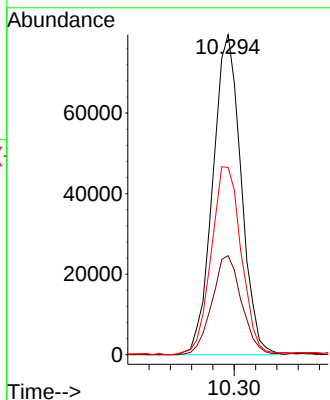
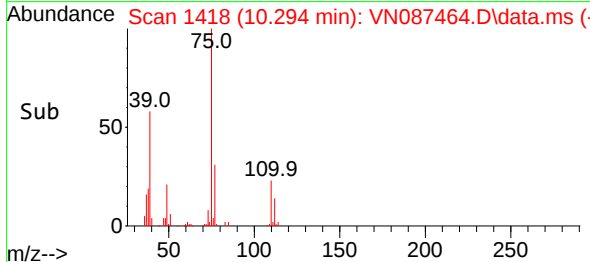
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 75 Resp: 146570
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.6 36.8
 39 58.2 51.5 77.3

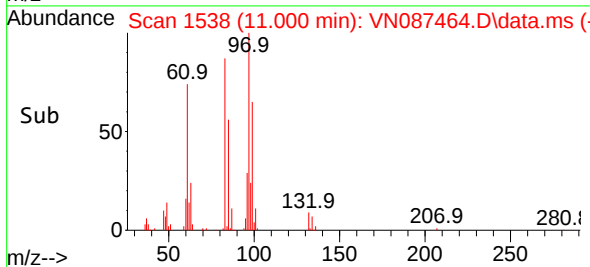
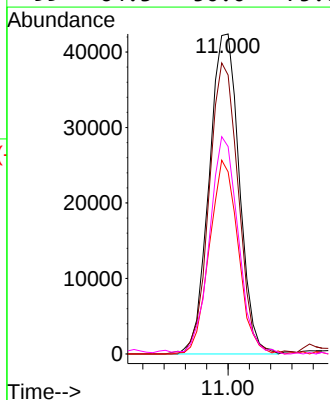
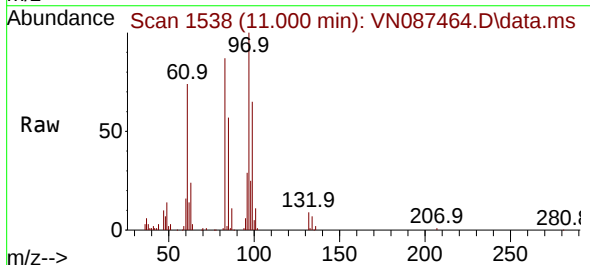
Manual Integrations
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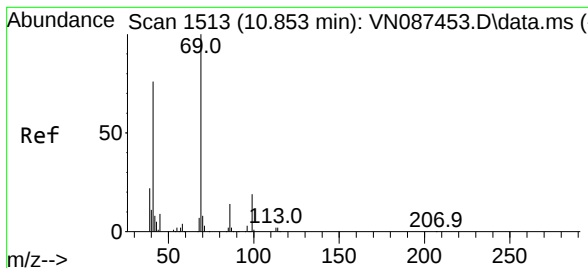
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.255 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN087464.D
 Acq: 05 Aug 2025 18:35

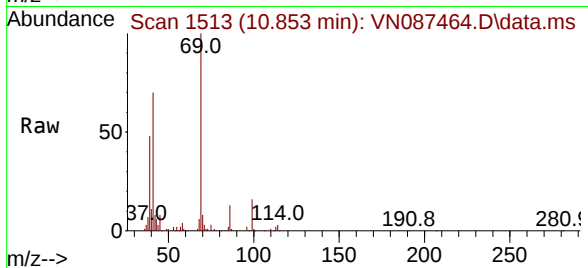
Tgt Ion: 97 Resp: 82991
 Ion Ratio Lower Upper
 97 100
 83 86.7 66.2 99.2
 85 56.5 43.9 65.9
 99 64.3 50.0 75.0





#51
Ethyl methacrylate
Concen: 20.674 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

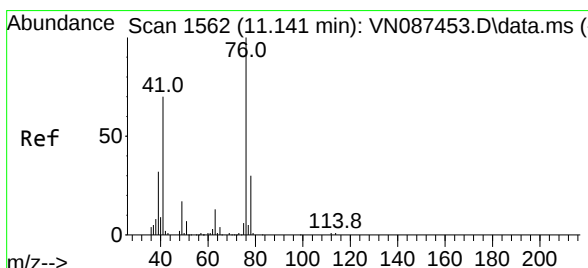
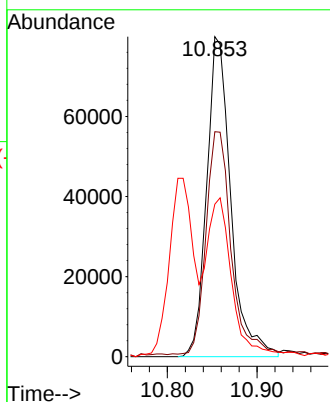
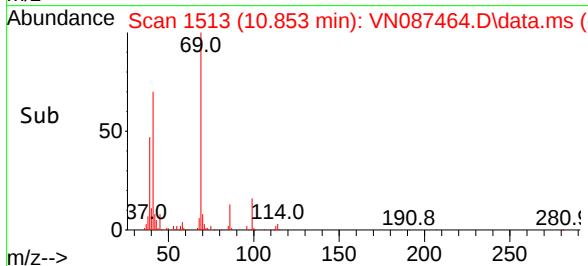
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 69 Resp: 149180
Ion Ratio Lower Upper
69 100
41 69.5 38.0 114.1
39 46.2 23.2 69.5

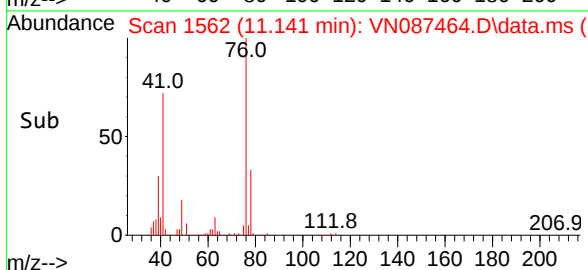
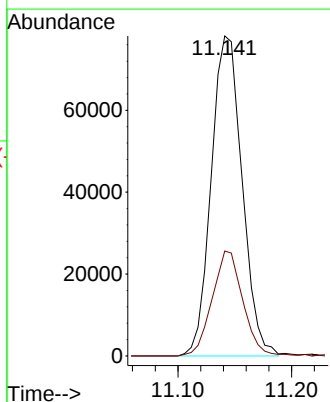
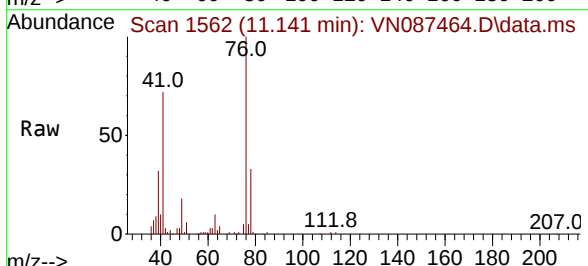
Manual Integrations
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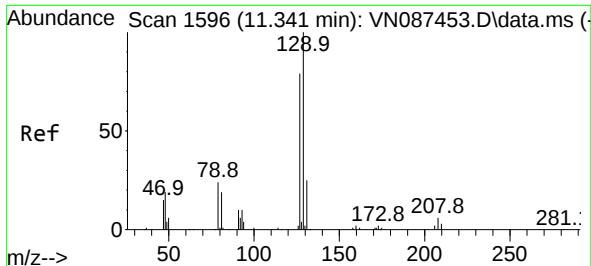
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#52
1,3-Dichloropropane
Concen: 19.994 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

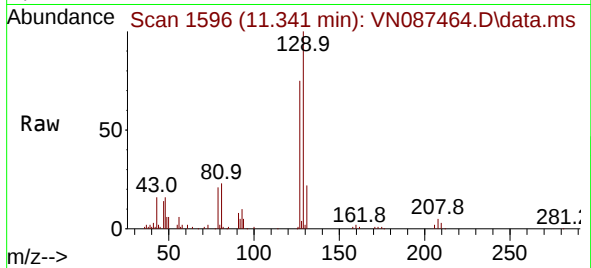
Tgt Ion: 76 Resp: 147593
Ion Ratio Lower Upper
76 100
78 32.6 0.0 63.0





#53
 Dibromochloromethane
 Concen: 20.978 ug/l
 RT: 11.341 min Scan# 1596
 Delta R.T. 0.000 min
 Lab File: VN087464.D
 Acq: 05 Aug 2025 18:35

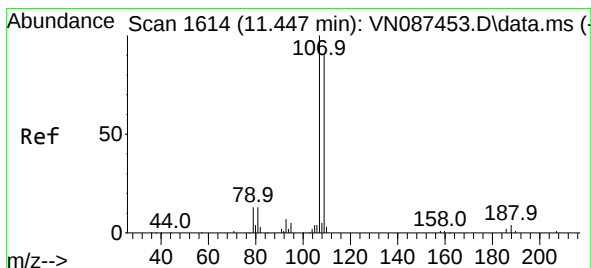
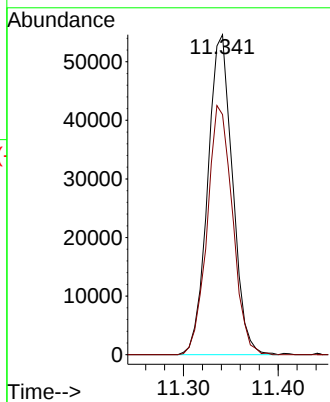
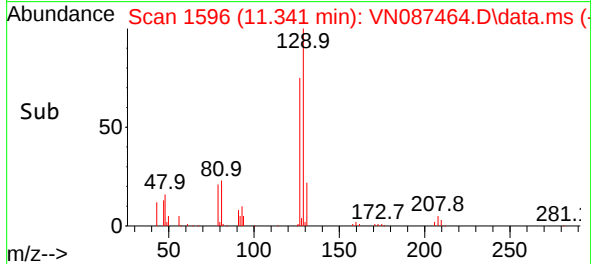
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)MS



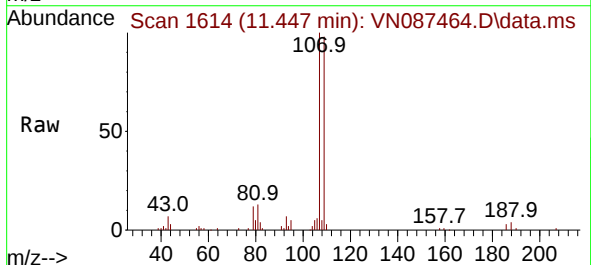
Tgt Ion:129 Resp: 99264
 Ion Ratio Lower Upper
 129 100
 127 79.5 39.1 117.3

Manual Integrations
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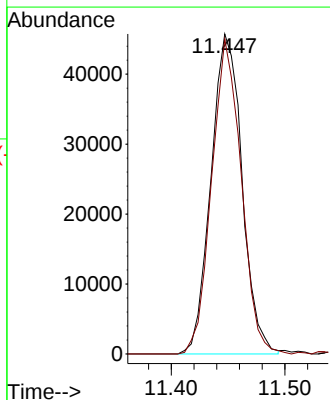
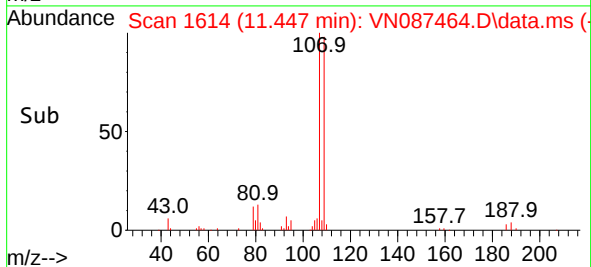
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

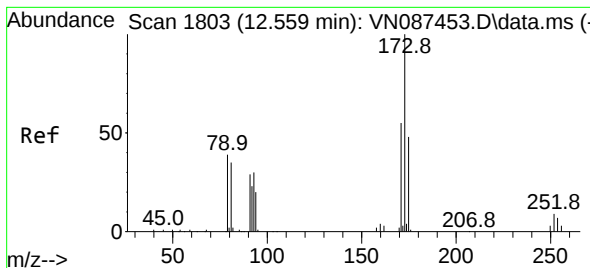


#54
 1,2-Dibromoethane
 Concen: 19.972 ug/l
 RT: 11.447 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: VN087464.D
 Acq: 05 Aug 2025 18:35



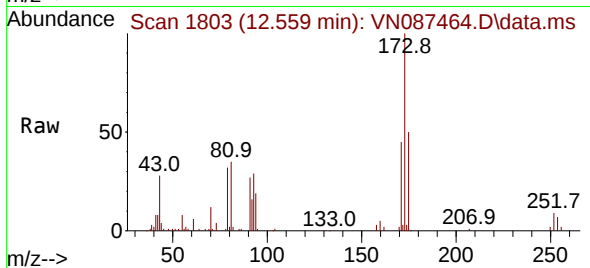
Tgt Ion:107 Resp: 86868
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.2 111.4





#56
Bromoform
Concen: 20.197 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

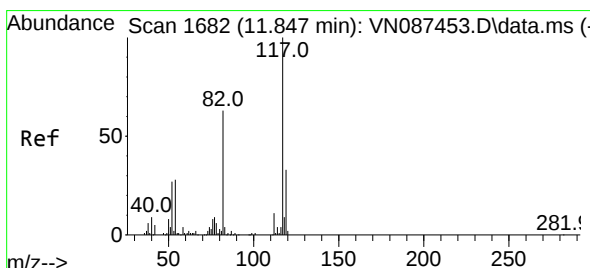
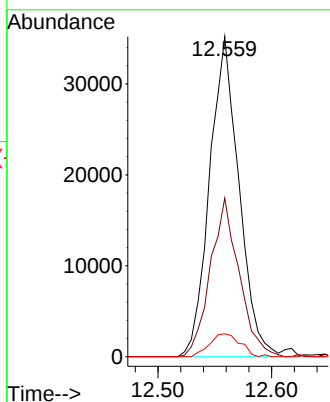
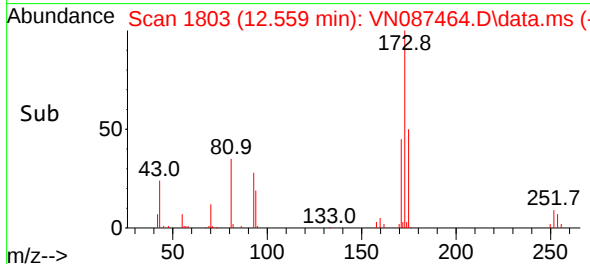
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion:173 Resp: 6321
Ion Ratio Lower Upper
173 100
175 48.6 38.8 58.2
254 7.4 3.9 5.9

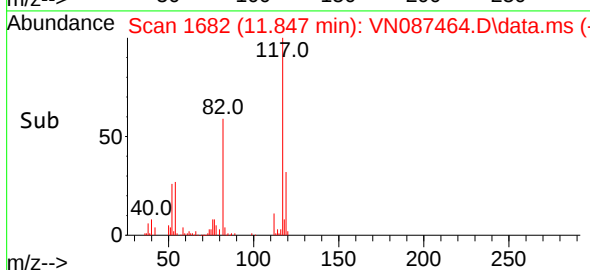
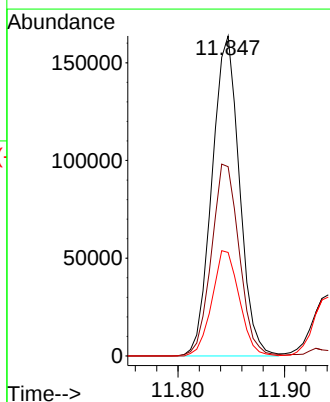
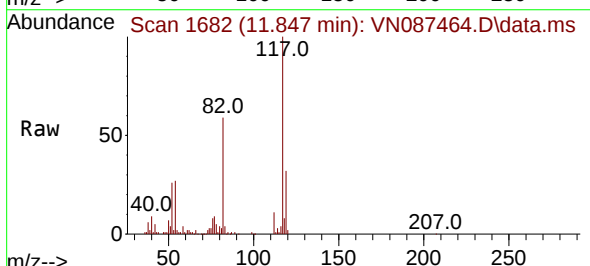
Manual Integrations
APPROVED

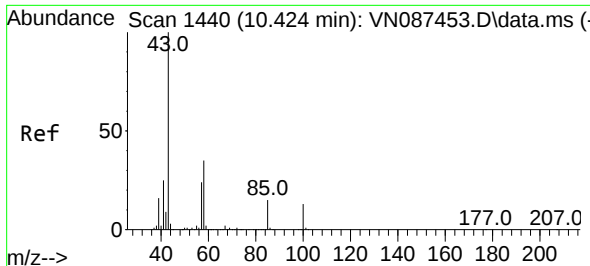
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

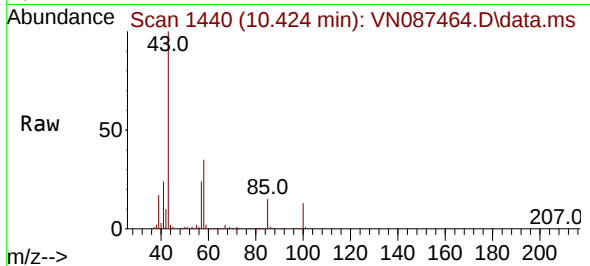
Tgt Ion:117 Resp: 292747
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 32.8 25.7 38.5





#58
4-Methyl-2-Pentanone
Concen: 107.714 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

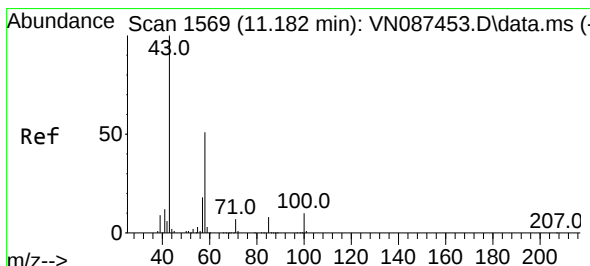
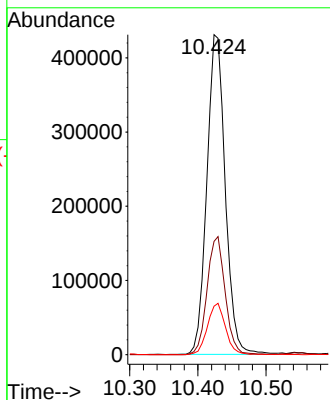
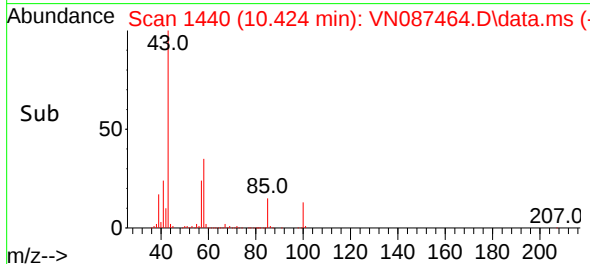
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 43 Resp: 81117
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6
85 15.7 12.7 19.1

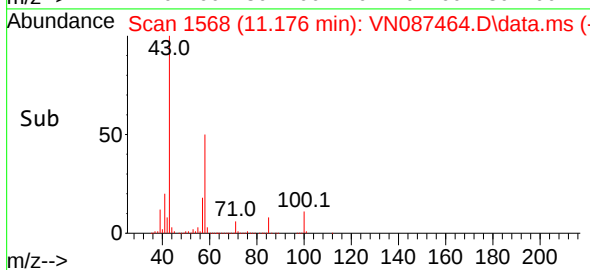
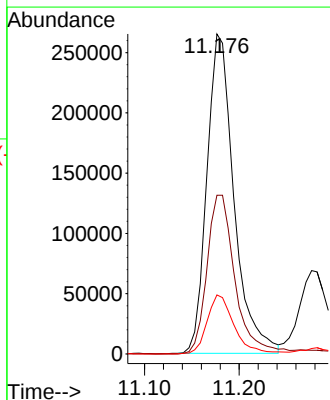
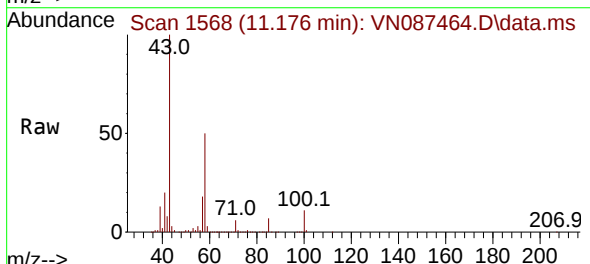
Manual Integrations
APPROVED

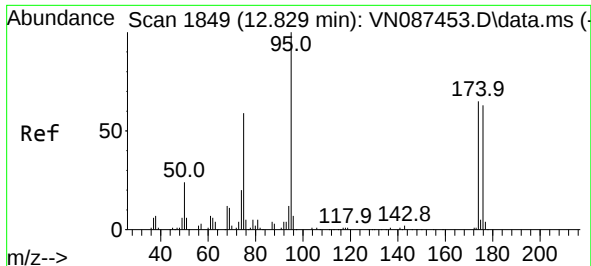
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#59
2-Hexanone
Concen: 102.937 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

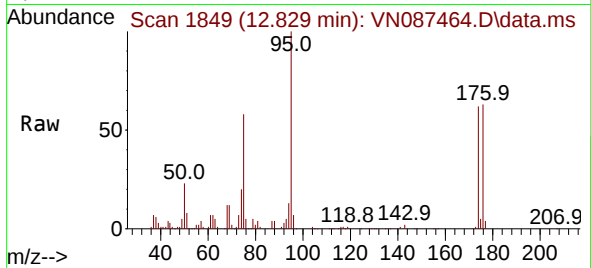
Tgt Ion: 43 Resp: 526710
Ion Ratio Lower Upper
43 100
58 51.4 41.0 61.6
57 18.6 14.6 21.8





#60
4-Bromofluorobenzene
Concen: 29.374 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

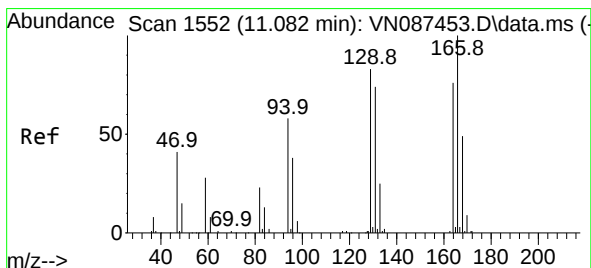
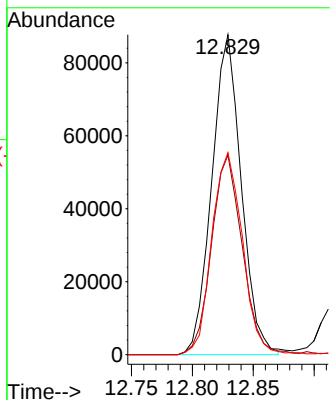
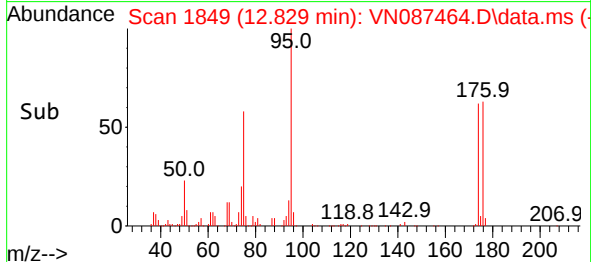
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 95 Resp: 147984
Ion Ratio Lower Upper
95 100
174 65.0 52.3 78.5
176 65.6 49.8 74.8

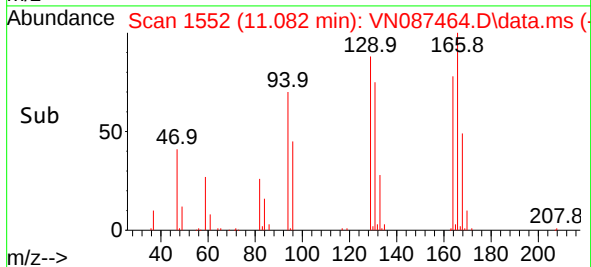
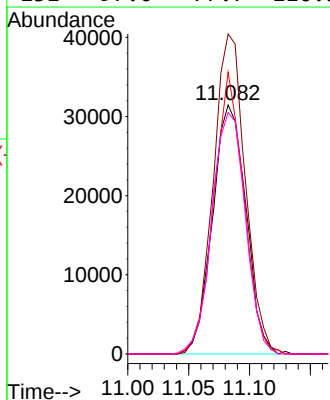
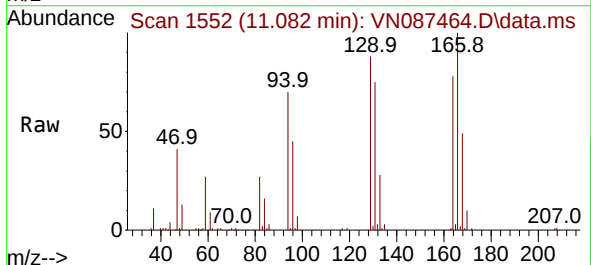
Manual Integrations
APPROVED

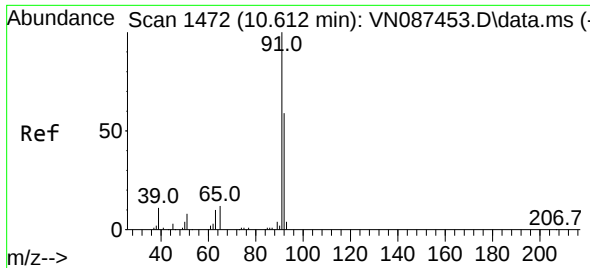
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#61
Tetrachloroethene
Concen: 21.067 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

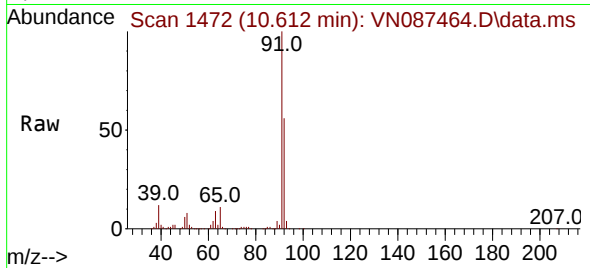
Tgt Ion:164 Resp: 60085
Ion Ratio Lower Upper
164 100
166 128.5 105.4 158.0
129 113.2 87.7 131.5
131 97.0 77.7 116.5





#62
Toluene
Concen: 26.097 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

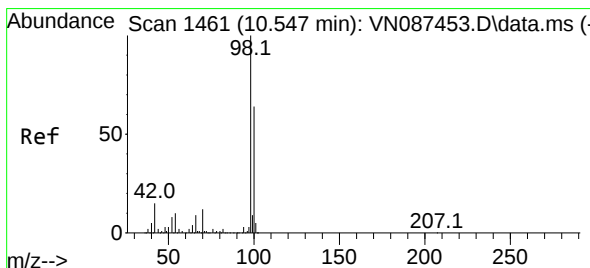
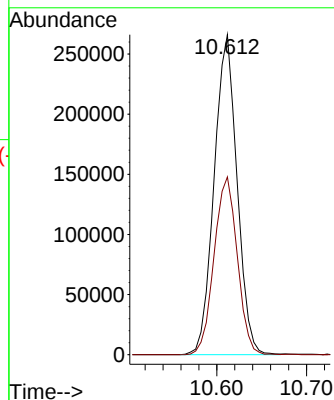
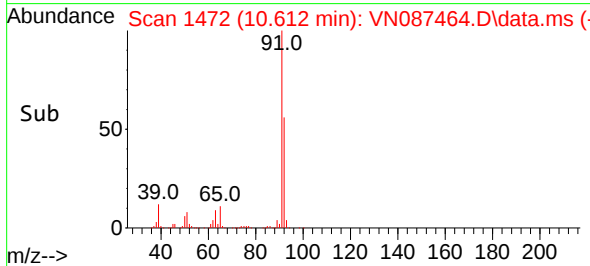
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 91 Resp: 471528
Ion Ratio Lower Upper
91 100
92 56.1 45.8 68.6

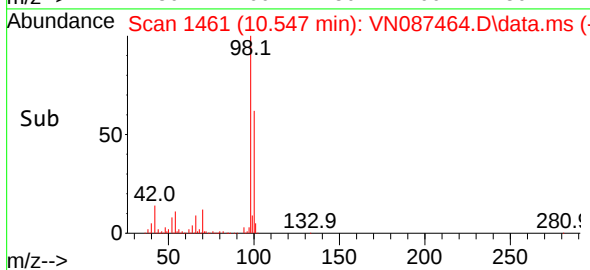
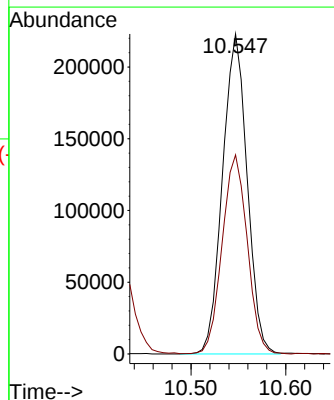
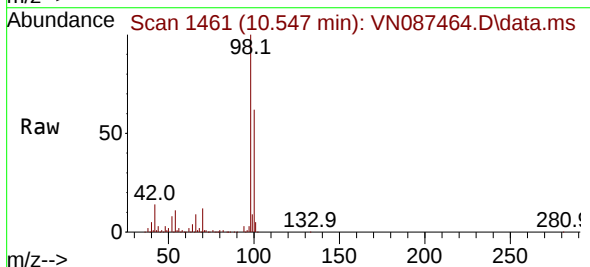
Manual Integrations
APPROVED

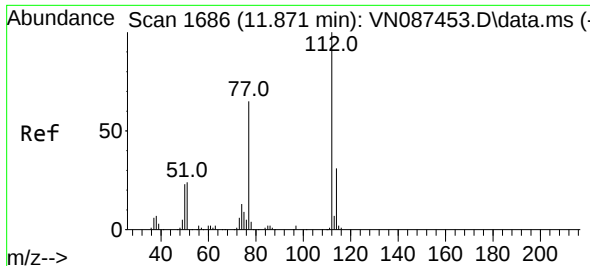
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#63
Toluene-d8
Concen: 29.865 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

Tgt Ion: 98 Resp: 402285
Ion Ratio Lower Upper
98 100
100 63.5 50.5 75.7





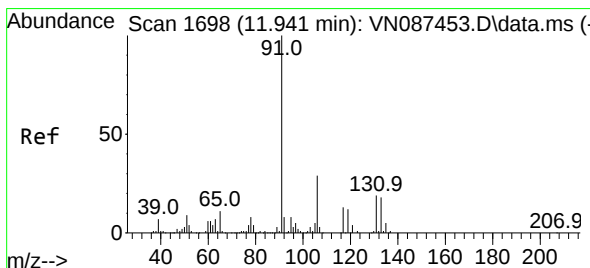
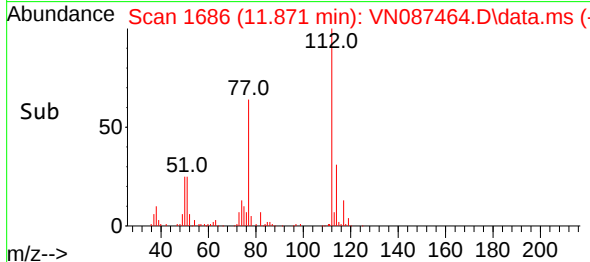
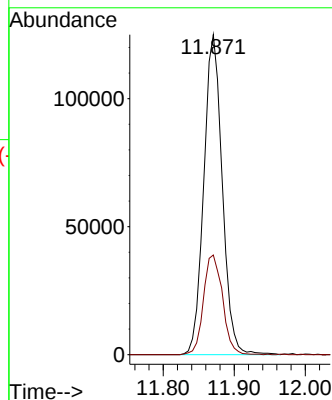
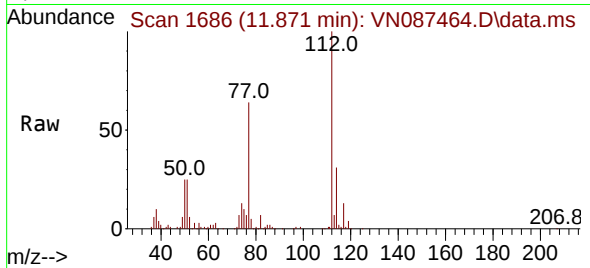
#64
Chlorobenzene
Concen: 20.414 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

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

Tgt Ion:112 Resp: 22664
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1

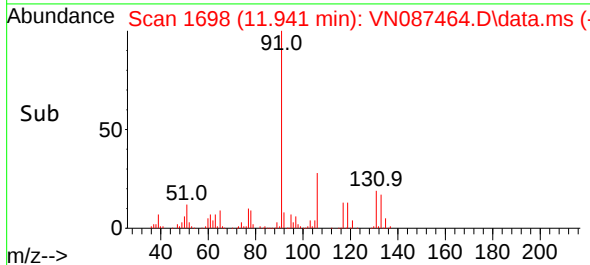
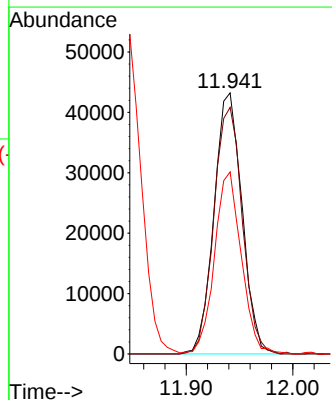
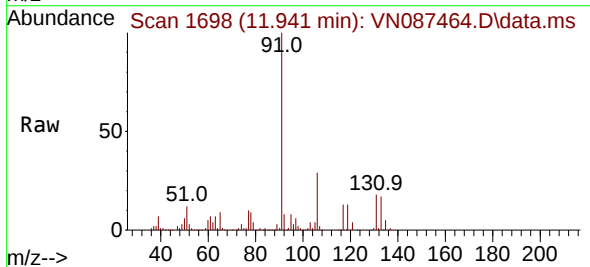
Manual Integrations
APPROVED

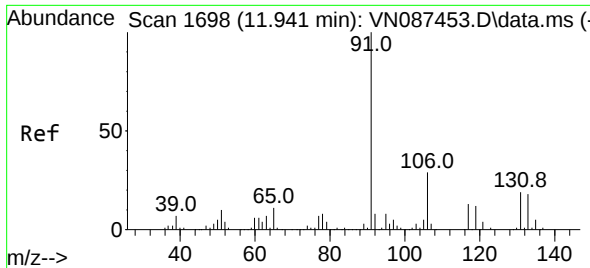
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#65
1,1,1,2-Tetrachloroethane
Concen: 20.221 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

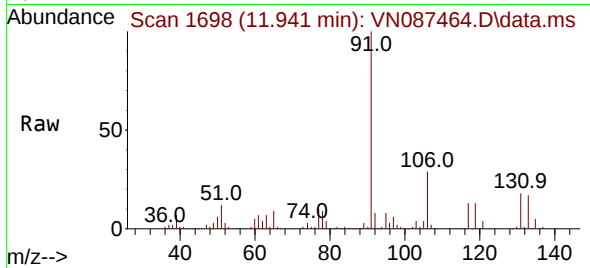
Tgt Ion:131 Resp: 78931
Ion Ratio Lower Upper
131 100
133 95.8 0.0 189.8
119 66.7 0.0 133.2





#66
Ethyl Benzene
Concen: 20.394 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

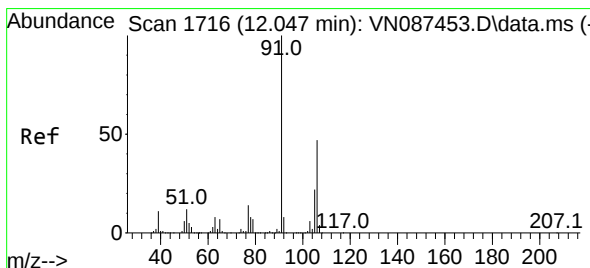
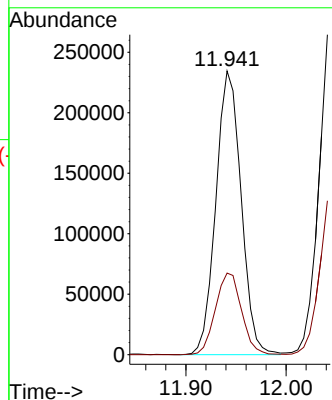
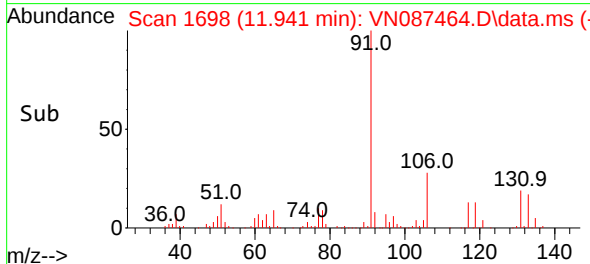
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



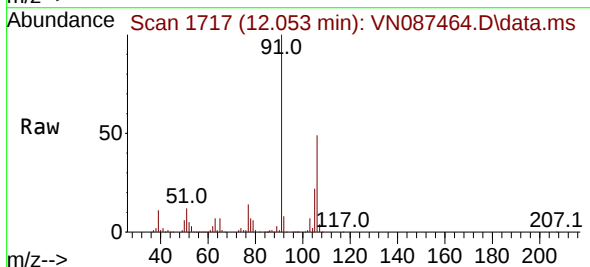
Tgt Ion: 91 Resp: 410709
Ion Ratio Lower Upper
91 100
106 28.8 22.9 34.3

Manual Integrations
APPROVED

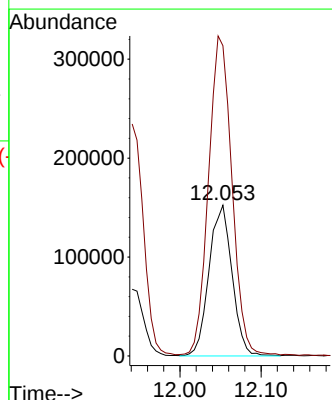
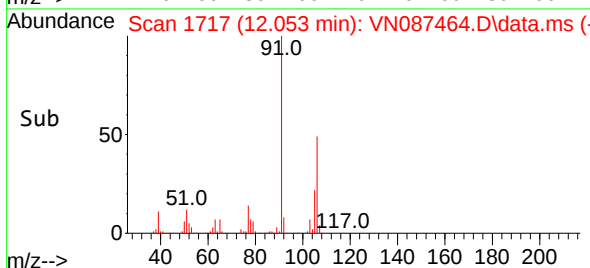
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

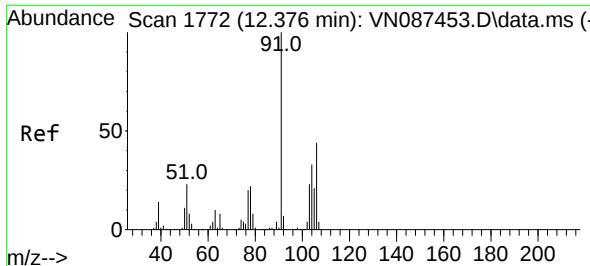


#67
m/p-Xylenes
Concen: 40.730 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35



Tgt Ion:106 Resp: 301085
Ion Ratio Lower Upper
106 100
91 216.2 174.2 261.2





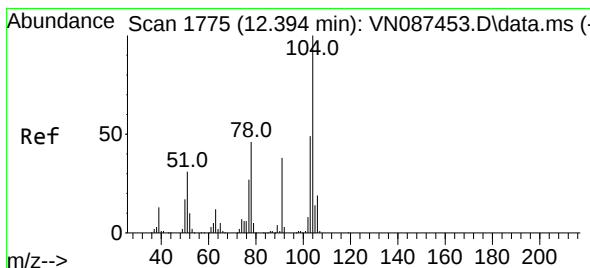
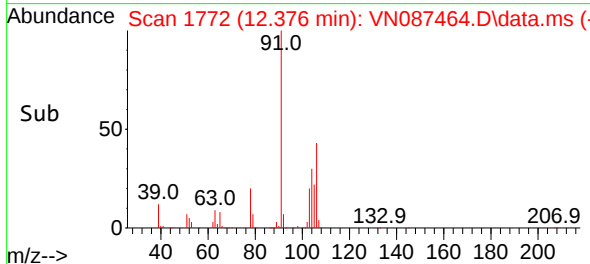
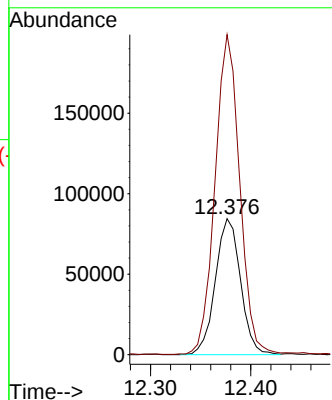
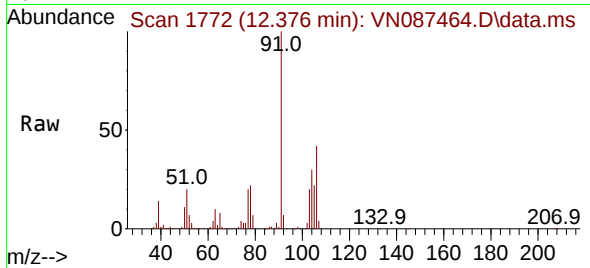
#68
o-Xylene
Concen: 20.265 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

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

Tgt Ion:106 Resp: 147374
Ion Ratio Lower Upper
106 100
91 229.6 114.5 343.5

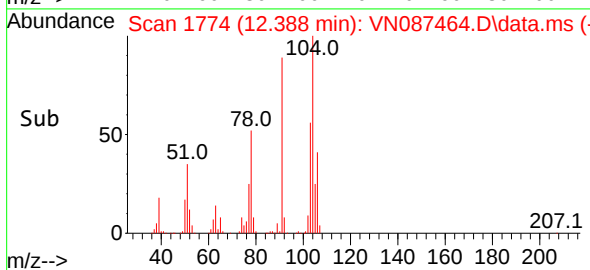
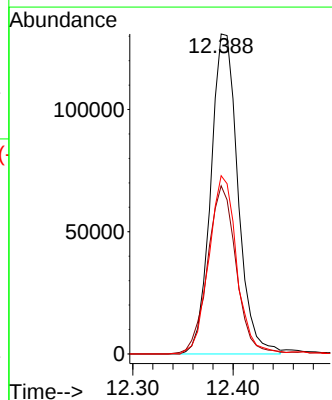
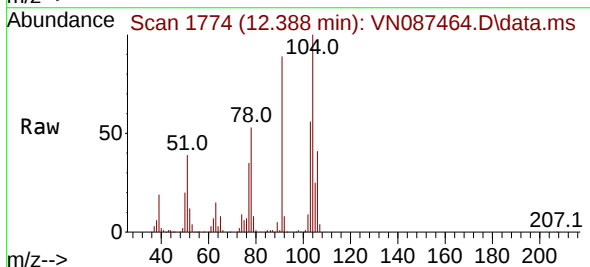
Manual Integrations
APPROVED

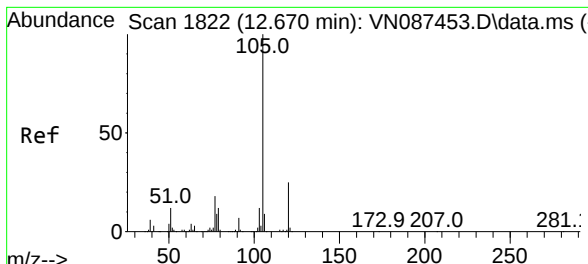
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#69
Styrene
Concen: 19.860 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

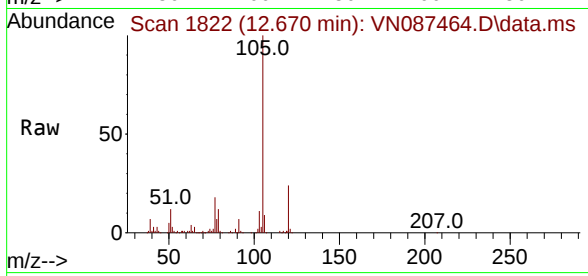
Tgt Ion:104 Resp: 246611
Ion Ratio Lower Upper
104 100
78 55.0 43.8 65.8
103 57.0 43.1 64.7





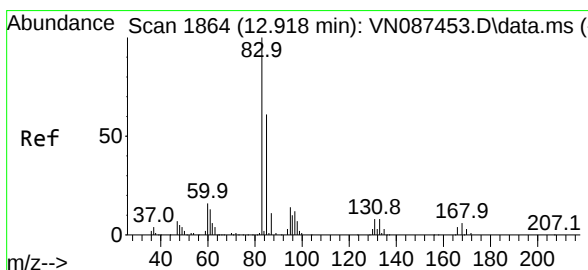
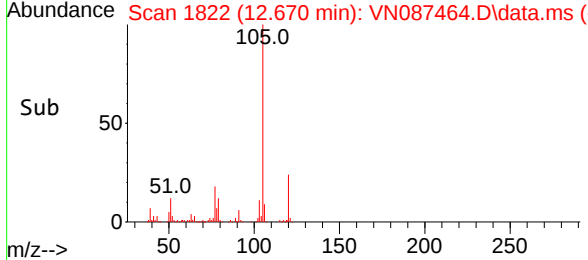
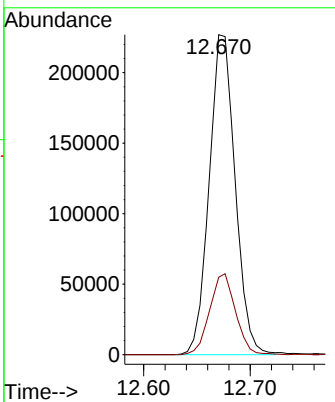
#70
Isopropylbenzene
Concen: 20.808 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

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



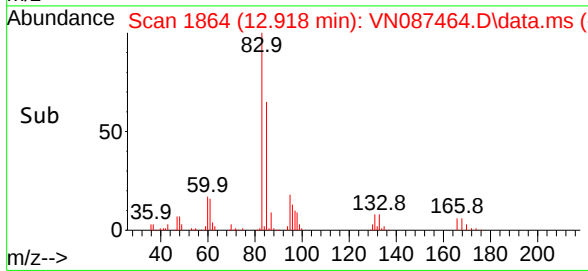
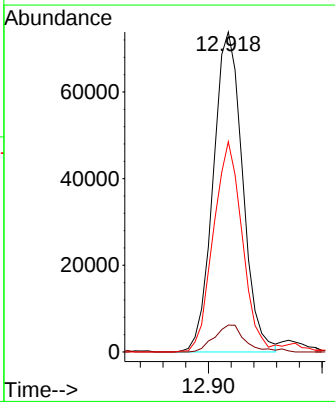
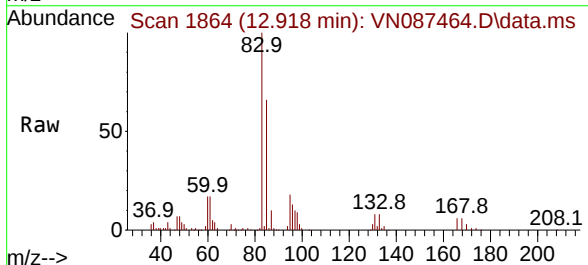
Tgt Ion: 105 Resp: 384450
Ion Ratio Lower Upper
105 100
120 25.1 17.5 32.5

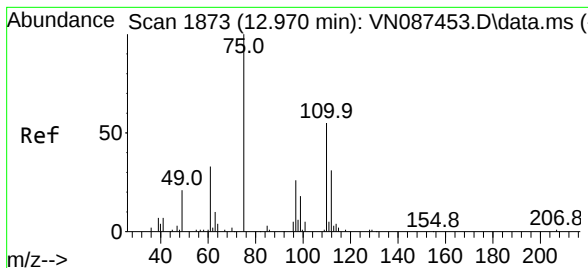
Manual Integrations
APPROVED
Reviewed By : John Carlone 08/06/2025
Supervised By : Mahesh Dadoda 08/06/2025



#71
1,1,2,2-Tetrachloroethane
Concen: 20.961 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

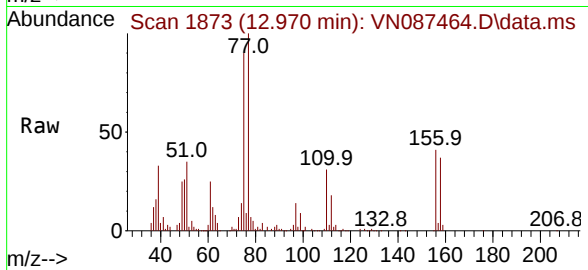
Tgt Ion: 83 Resp: 132693
Ion Ratio Lower Upper
83 100
131 8.7 4.8 14.3
85 63.6 31.7 95.1





#72
1,2,3-Trichloropropane
Concen: 21.363 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

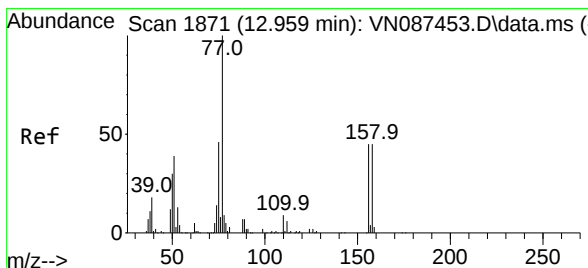
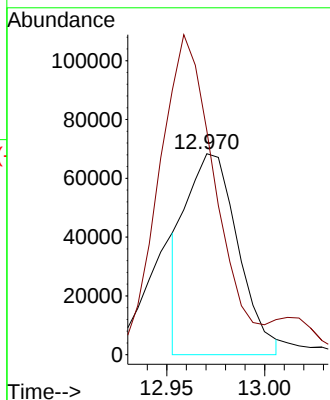
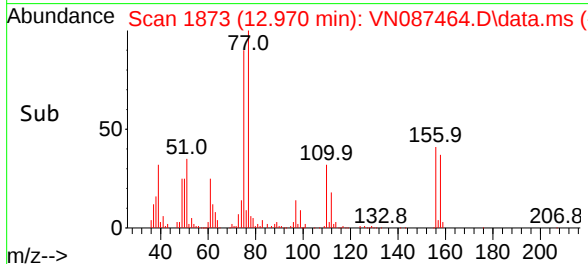
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 75 Resp: 12598
Ion Ratio Lower Upper
75 100
77 174.8 0.0 385.0

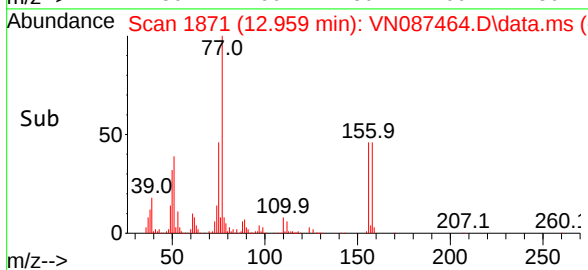
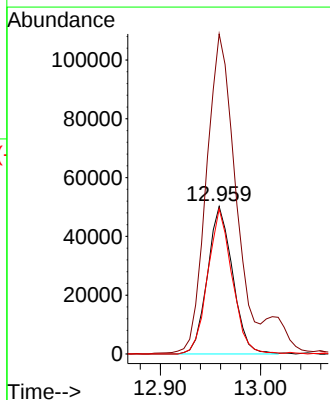
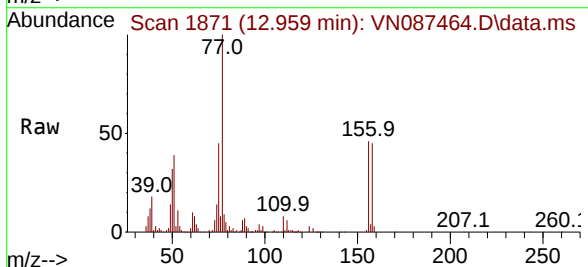
Manual Integrations
APPROVED

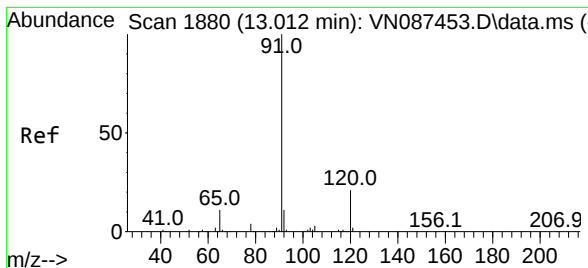
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#73
Bromobenzene
Concen: 20.406 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

Tgt Ion:156 Resp: 87403
Ion Ratio Lower Upper
156 100
77 251.9 0.0 506.6
158 95.5 0.0 193.6





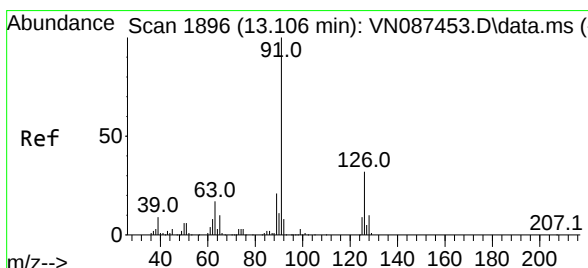
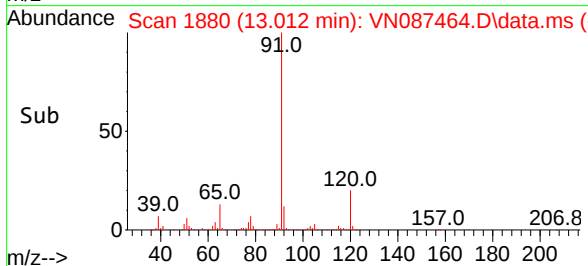
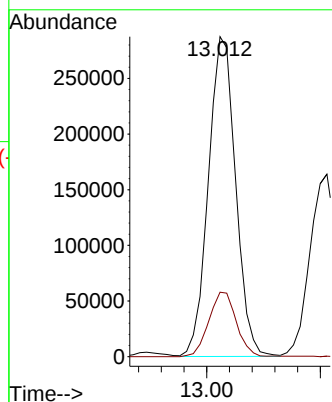
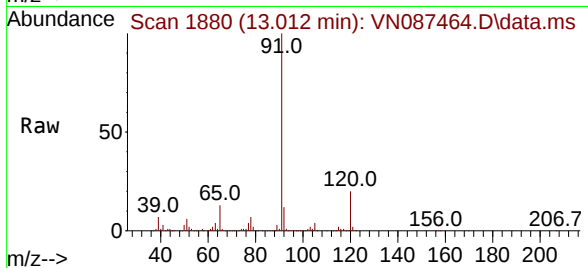
#74
n-propylbenzene
Concen: 20.762 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

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

Tgt Ion: 91 Resp: 479069
Ion Ratio Lower Upper
91 100
120 20.3 0.0 41.8

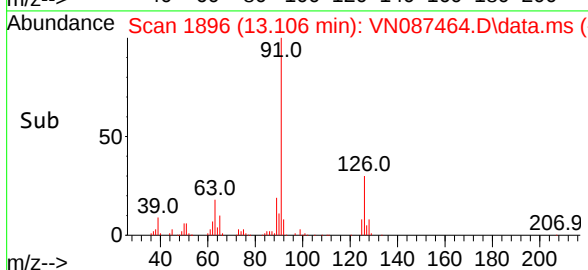
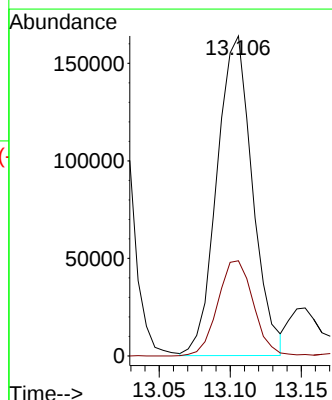
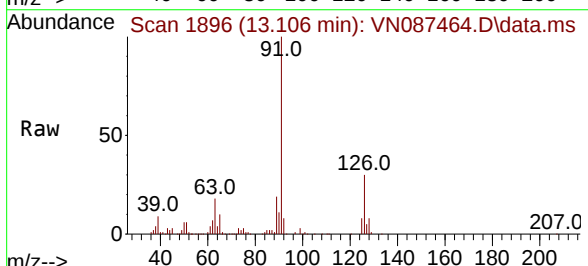
Manual Integrations
APPROVED

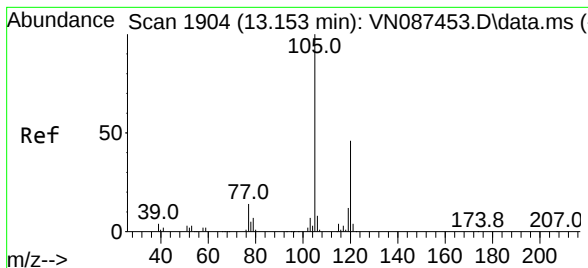
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#75
2-Chlorotoluene
Concen: 20.123 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

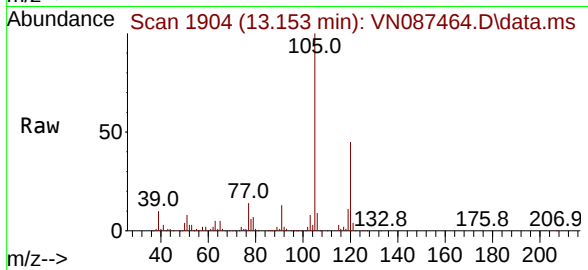
Tgt Ion: 91 Resp: 285626
Ion Ratio Lower Upper
91 100
126 30.1 0.0 60.4





#76
1,3,5-Trimethylbenzene
Concen: 20.470 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

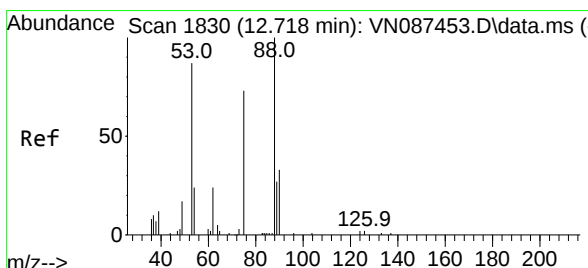
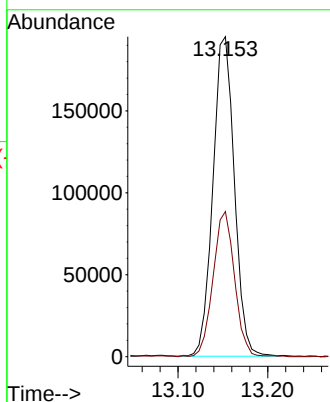
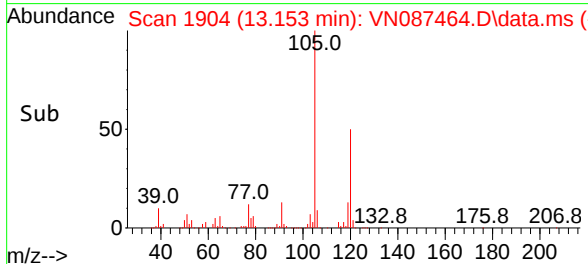
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion:105 Resp: 32383
Ion Ratio Lower Upper
105 100
120 45.4 0.0 91.2

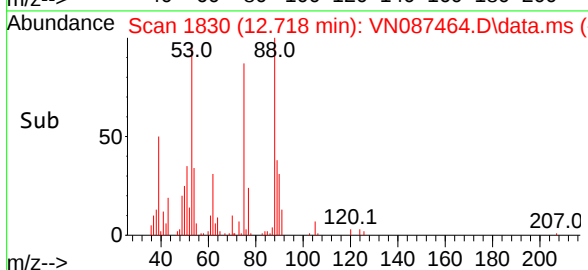
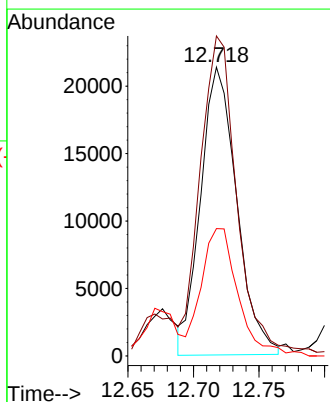
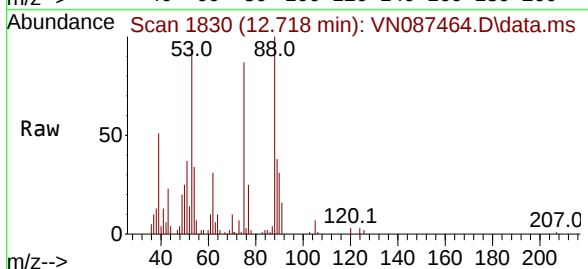
Manual Integrations
APPROVED

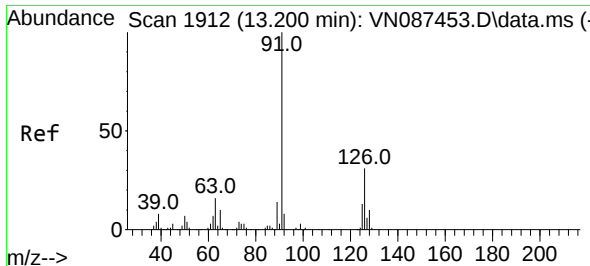
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#77
t-1,4-Dichloro-2-butene
Concen: 18.304 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

Tgt Ion: 75 Resp: 40864
Ion Ratio Lower Upper
75 100
53 110.8 59.0 176.8
89 42.7 22.1 66.5





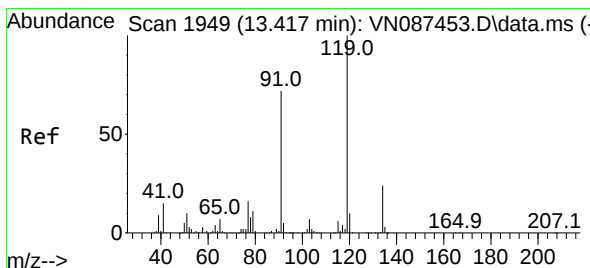
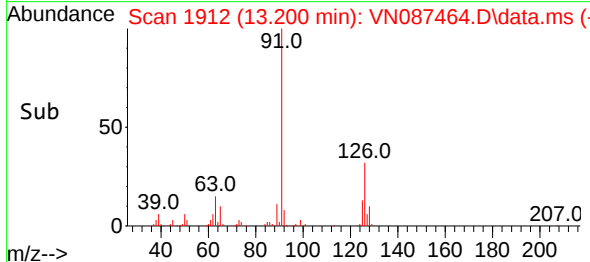
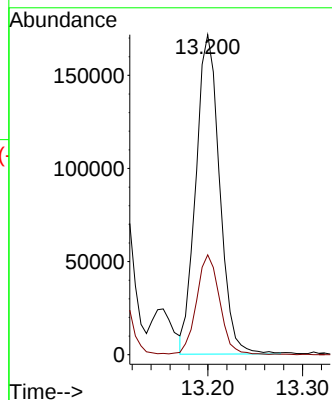
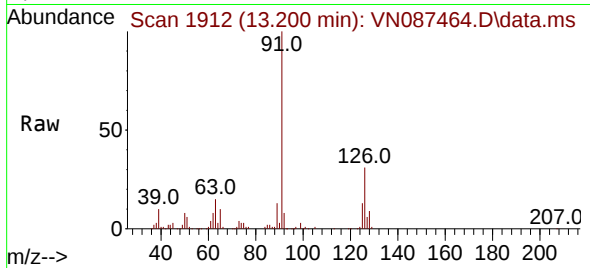
#78
4-Chlorotoluene
Concen: 20.767 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

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

Tgt Ion: 91 Resp: 298709
Ion Ratio Lower Upper
91 100
126 30.2 0.0 63.2

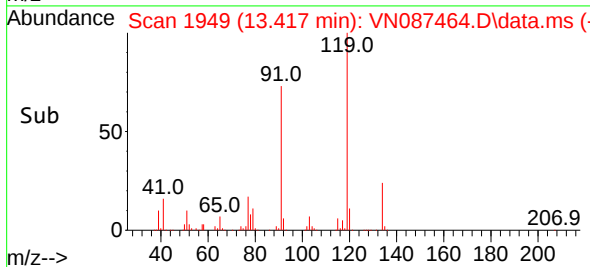
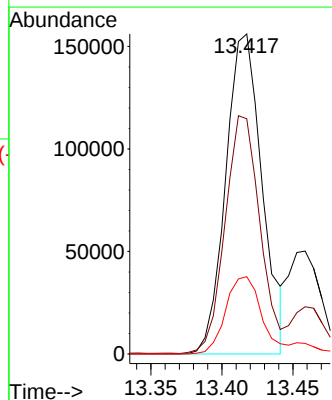
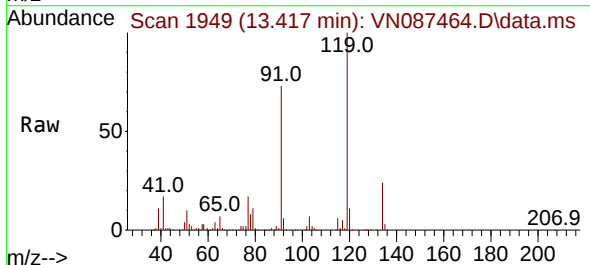
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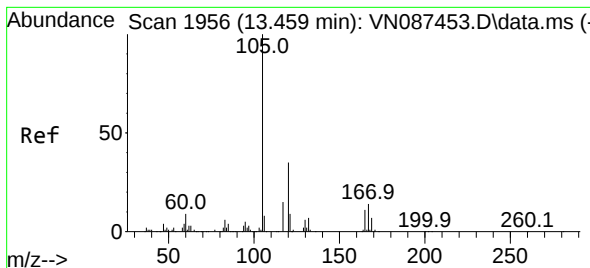
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#79
tert-butylbenzene
Concen: 20.890 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

Tgt Ion:119 Resp: 278633
Ion Ratio Lower Upper
119 100
91 71.1 0.0 141.6
134 23.9 0.0 45.6





#80

1,2,4-Trimethylbenzene

Concen: 20.432 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN087464.D

Acq: 05 Aug 2025 18:35

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MS

Tgt Ion:105 Resp: 322979

Ion Ratio Lower Upper

105 100

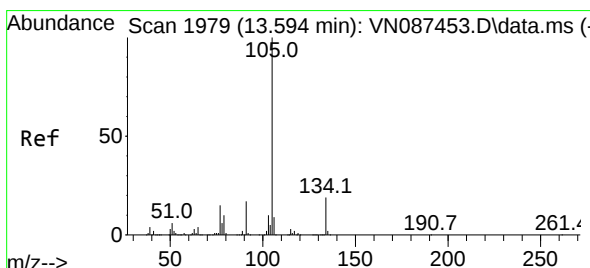
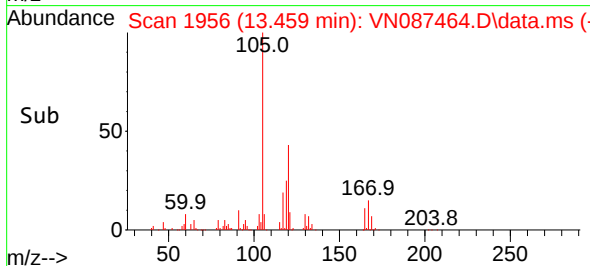
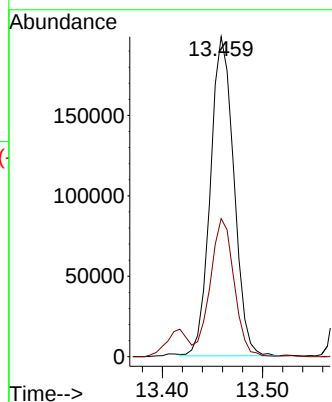
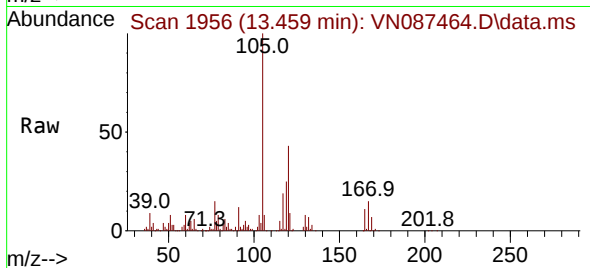
120 43.7 0.0 87.2

Manual Integrations

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Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#81

sec-Butylbenzene

Concen: 20.987 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087464.D

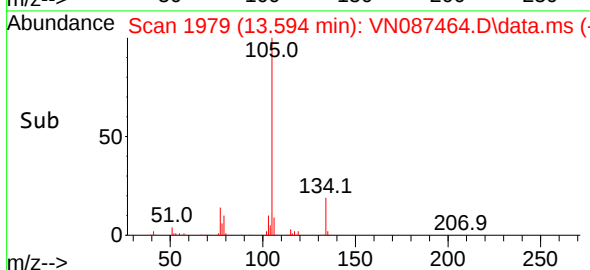
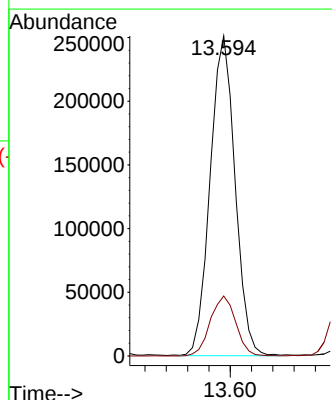
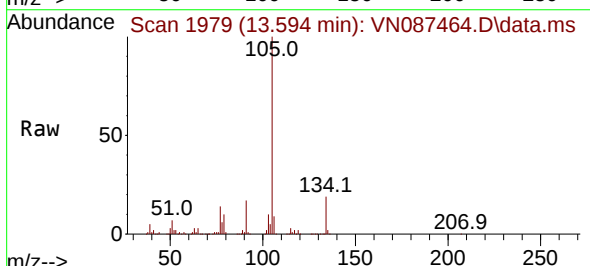
Acq: 05 Aug 2025 18:35

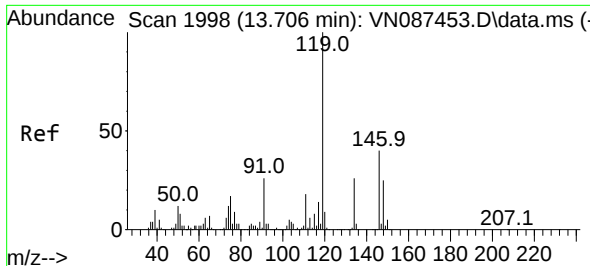
Tgt Ion:105 Resp: 407509

Ion Ratio Lower Upper

105 100

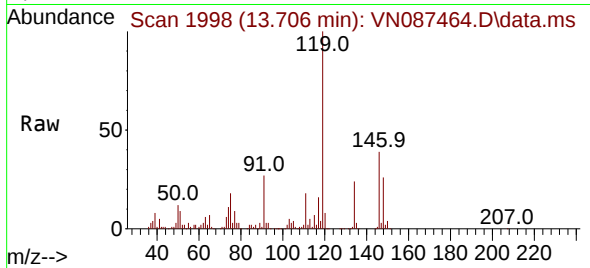
134 19.1 0.0 37.6





#82
p-Isopropyltoluene
Concen: 20.935 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

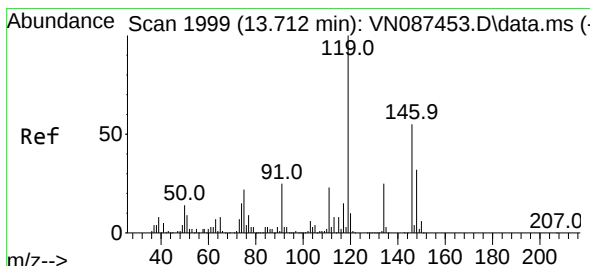
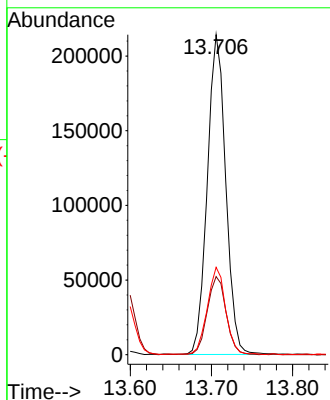
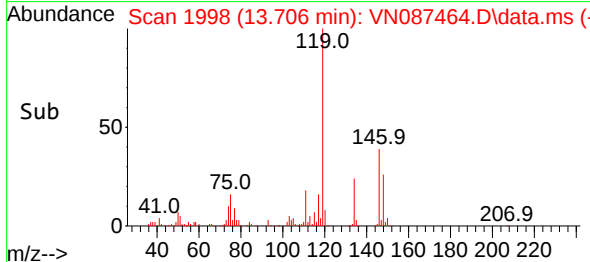
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



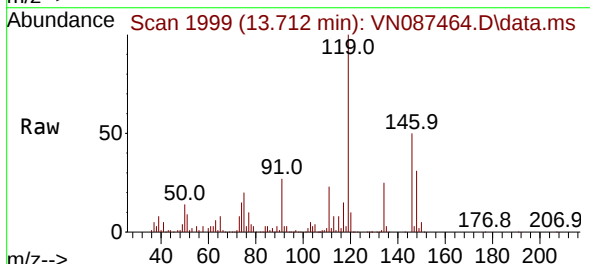
Tgt Ion:119 Resp: 337514
Ion Ratio Lower Upper
119 100
134 25.0 0.0 51.4
91 26.7 0.0 52.0

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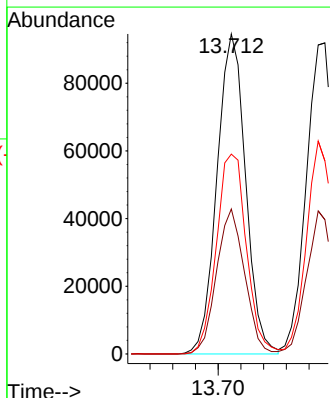
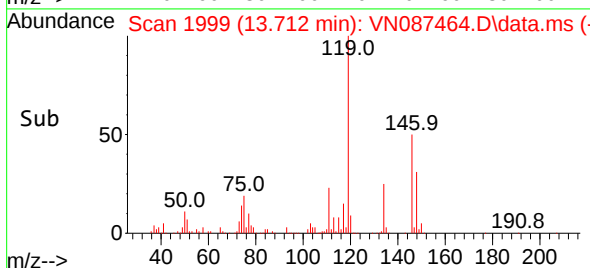
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

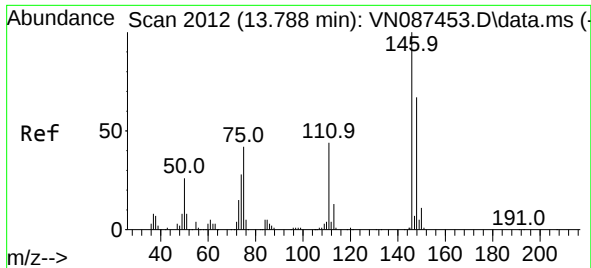


#83
1,3-Dichlorobenzene
Concen: 20.306 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35



Tgt Ion:146 Resp: 165618
Ion Ratio Lower Upper
146 100
111 44.6 21.9 65.5
148 65.6 31.3 93.9





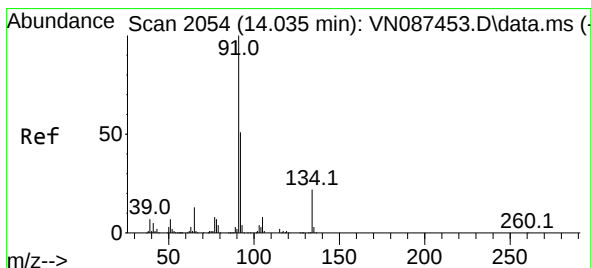
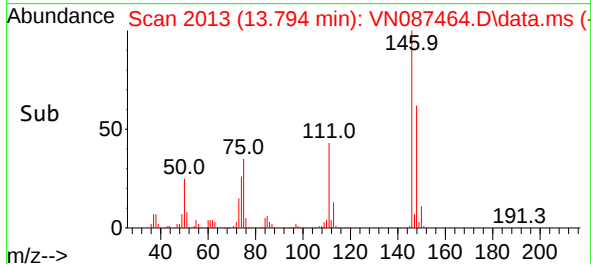
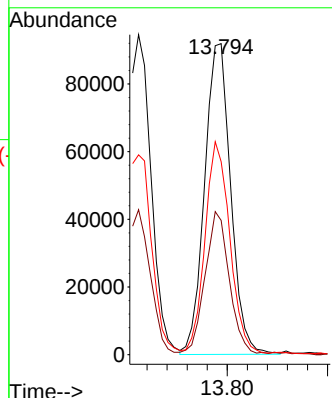
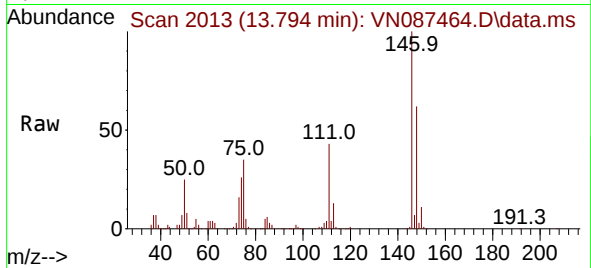
#84
1,4-Dichlorobenzene
Concen: 20.096 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

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

Tgt Ion:146 Resp: 166172
Ion Ratio Lower Upper
146 100
111 43.1 21.1 63.1
148 65.9 31.4 94.3

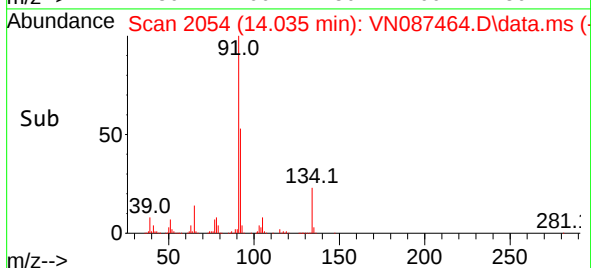
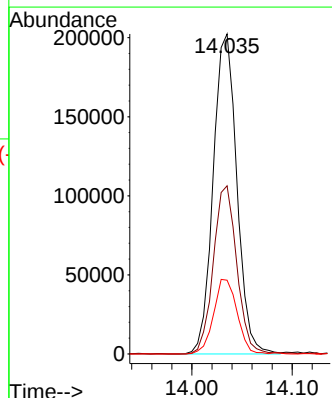
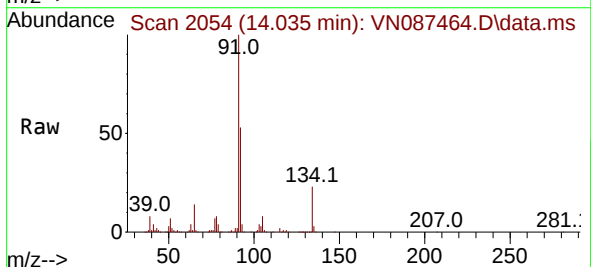
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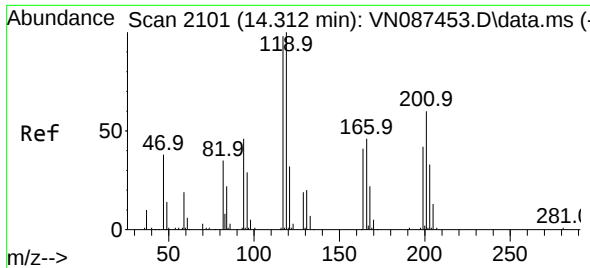
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#85
n-Butylbenzene
Concen: 21.040 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

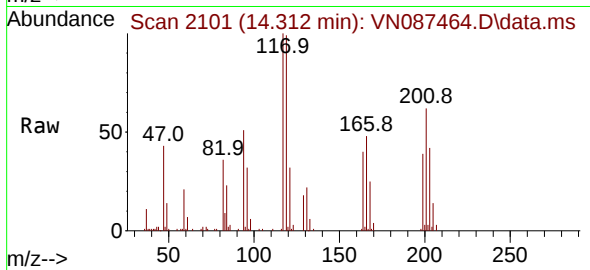
Tgt Ion: 91 Resp: 331884
Ion Ratio Lower Upper
91 100
92 52.0 0.0 106.6
134 23.1 0.0 44.4





#86
Hexachloroethane
Concen: 19.593 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

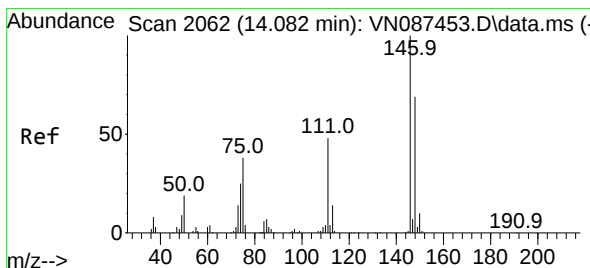
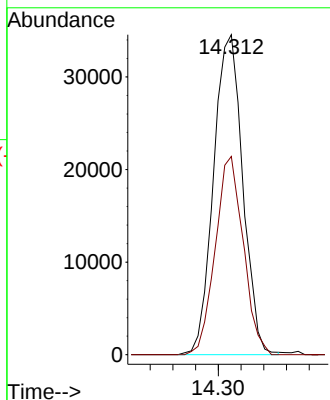
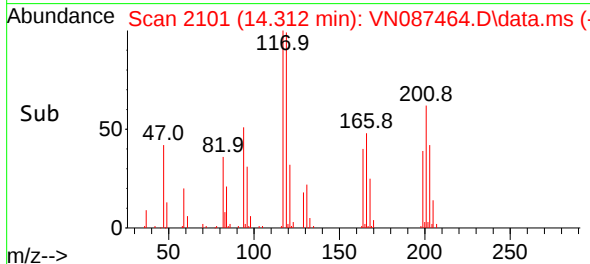
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



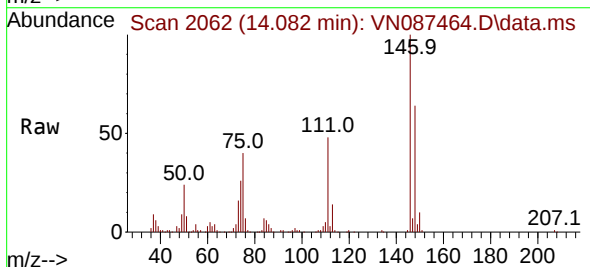
Tgt Ion:117 Resp: 61684
Ion Ratio Lower Upper
117 100
201 59.4 29.1 87.4

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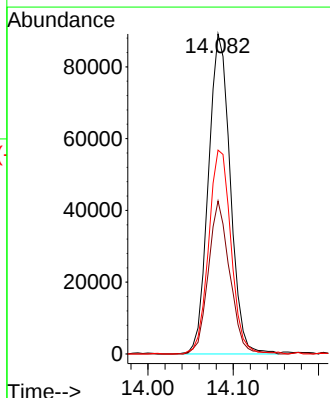
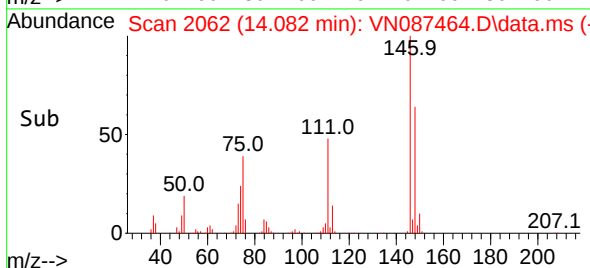
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

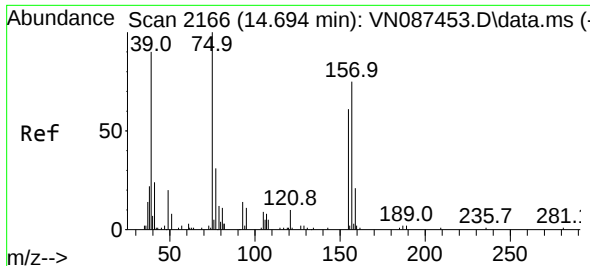


#87
1,2-Dichlorobenzene
Concen: 20.409 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35



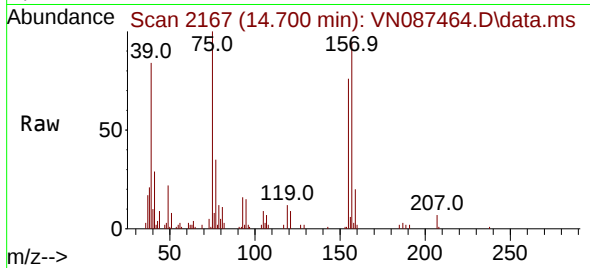
Tgt Ion:146 Resp: 158893
Ion Ratio Lower Upper
146 100
111 46.5 22.9 68.7
148 65.2 31.6 94.7





#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.878 ug/l
 RT: 14.700 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VN087464.D
 Acq: 05 Aug 2025 18:35

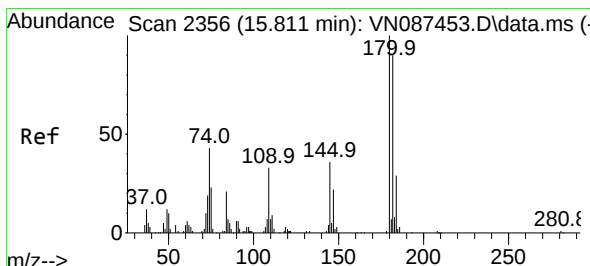
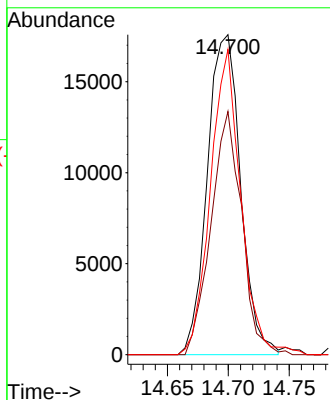
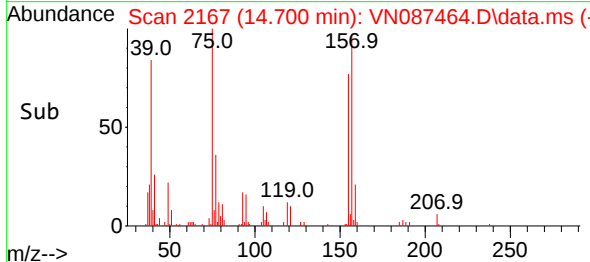
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion: 75 Resp: 3348
 Ion Ratio Lower Upper
 75 100
 155 70.2 55.7 83.5
 157 86.1 65.8 98.6

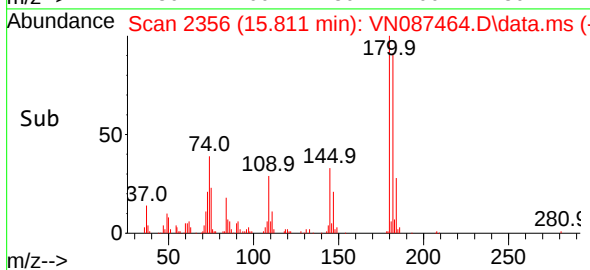
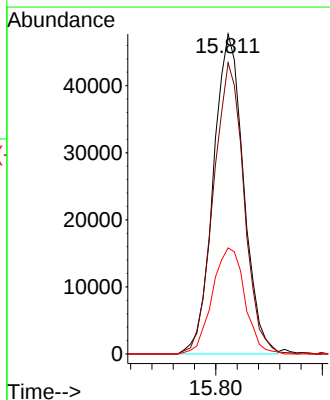
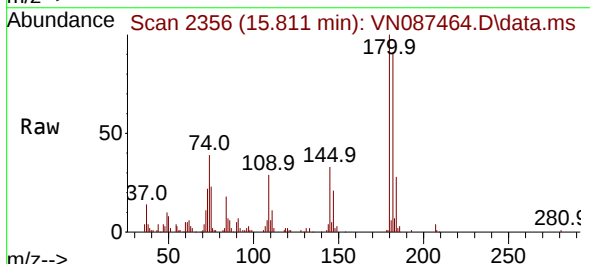
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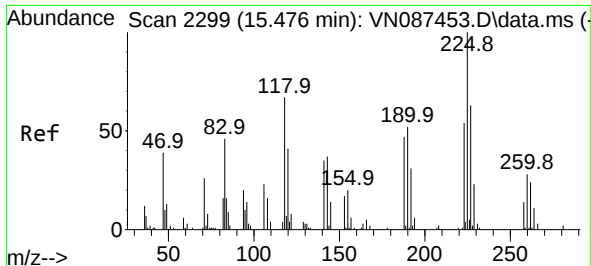
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#89
 1,2,4-Trichlorobenzene
 Concen: 20.148 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN087464.D
 Acq: 05 Aug 2025 18:35

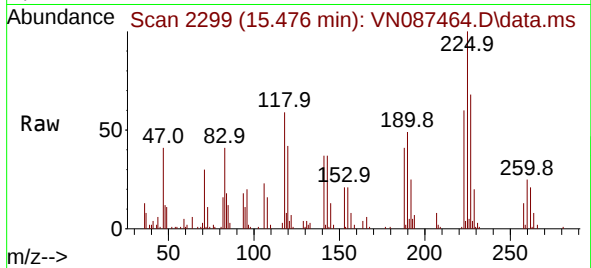
Tgt Ion:180 Resp: 93743
 Ion Ratio Lower Upper
 180 100
 182 91.9 75.0 112.4
 145 35.6 28.6 43.0





#90
Hexachlorobutadiene
Concen: 21.592 ug/l
RT: 15.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

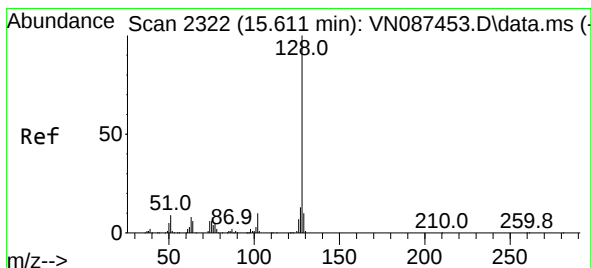
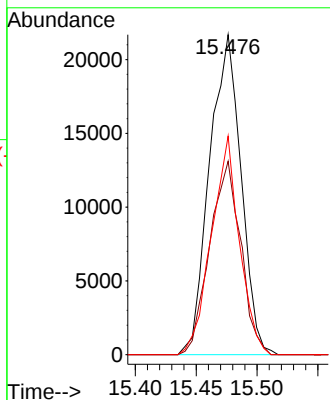
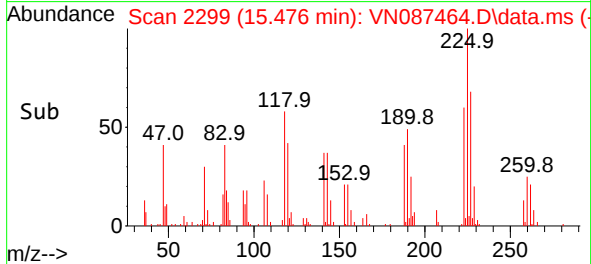
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MS



Tgt Ion:225 Resp: 3906
Ion Ratio Lower Upper
225 100
223 59.4 0.0 116.0
227 60.7 0.0 127.0

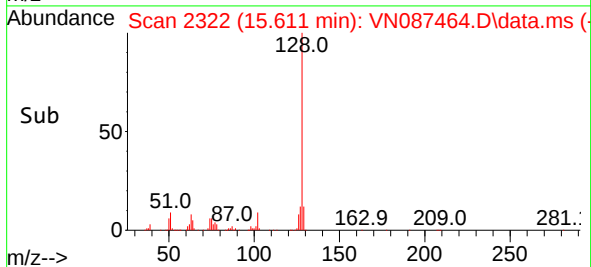
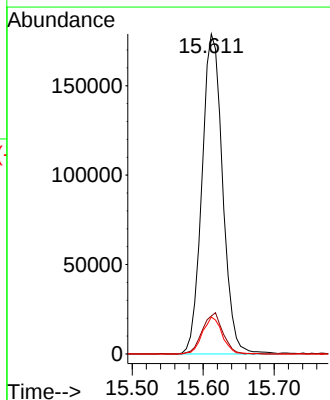
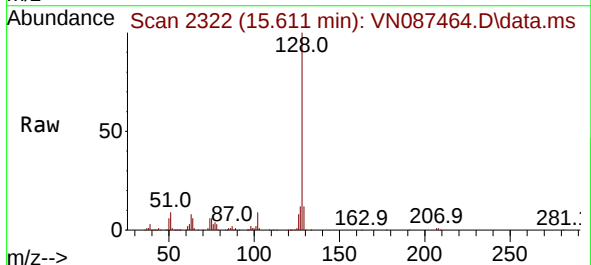
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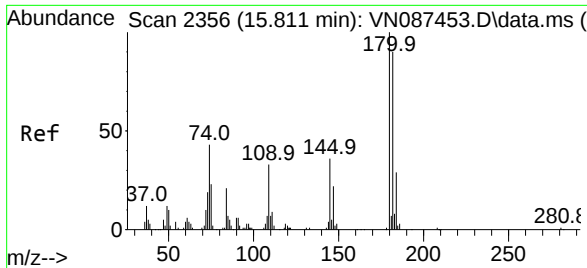
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#91
Naphthalene
Concen: 20.443 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087464.D
Acq: 05 Aug 2025 18:35

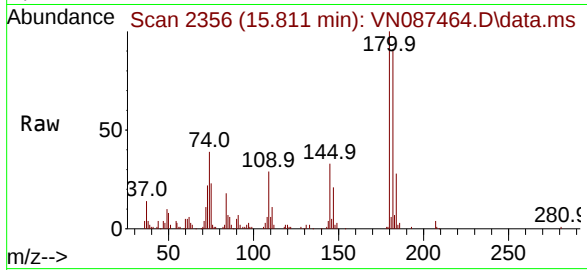
Tgt Ion:128 Resp: 362681
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 20.148 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087464.D
 Acq: 05 Aug 2025 18:35

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



Tgt Ion:180	Resp:	9374.3
Ion Ratio	Lower	Upper
180	100	
182	91.9	0.0 187.4
145	35.6	0.0 71.6

Manual Integrations
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Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025

