

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
 Data File : VN087477.D
 Acq On : 06 Aug 2025 13:17
 Operator : JC\MD
 Sample : Q2769-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 07 03:36:44 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 08/07/2025
 Supervised By : Mahesh Dadoda 08/07/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	43168	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	229415	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	212461	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	121580	30.535	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.800%			
60) 4-Bromofluorobenzene	12.829	95	105778	28.930	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.433%			
63) Toluene-d8	10.547	98	287995	29.460	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 98.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	54520	19.344	ug/l	96
3) Chloromethane	2.389	50	56531	19.550	ug/l	96
4) Vinyl Chloride	2.542	62	59006	19.239	ug/l	98
5) Bromomethane	2.989	94	32919	19.830	ug/l	81
6) Chloroethane	3.142	64	37955	19.192	ug/l #	88
7) Trichlorofluoromethane	3.512	101	83668	18.956	ug/l	97
8) Diethyl Ether	3.965	74	34772	18.909	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.359	101	44328	19.694	ug/l	96
10) 1,1-Dichloroethene	4.330	96	47193	19.961	ug/l	89
11) Methyl Iodide	4.577	142	24533	13.178	ug/l	96
12) Methyl Acetate	5.018	43	81040	18.575	ug/l	97
13) Acrolein	4.177	56	86383	129.631	ug/l	92
14) Acrylonitrile	5.712	53	172001	90.282	ug/l	99
15) Acetone	4.418	58	74696	137.220	ug/l	95
16) Carbon Disulfide	4.695	76	131512	17.932	ug/l	99
17) Allyl chloride	5.018	41	94064m	19.519	ug/l	
18) Methylene Chloride	5.259	84	57548m	18.907	ug/l	
19) trans-1,2-Dichloroethene	5.783	96	51209m	18.214	ug/l	
20) Diisopropyl ether	6.665	45	193904	17.663	ug/l	96
21) 1,1-Dichloroethane	6.559	63	101457	17.879	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	63299	18.298	ug/l	99
23) tert-Butyl Alcohol	5.530	59	70493	87.076	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	192197	17.840	ug/l	98
25) Chloroform	7.947	83	380692	64.270	ug/l	95
26) Cyclohexane	8.241	56	85647	18.851	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	74275	19.850	ug/l	96
30) 2-Butanone	7.471	43	295000	106.957	ug/l	100
31) 2,2-Dichloropropane	7.471	77	95683	19.827	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	92386	19.359	ug/l	97
33) Carbon Tetrachloride	8.341	117	75926	19.151	ug/l	97
34) Benzene	8.588	78	225280	19.073	ug/l	97
35) Methacrylonitrile	7.771	41	55796	18.746	ug/l	95
36) 1,2-Dichloroethane	8.659	62	88789	18.599	ug/l	98
37) Trichloroethene	9.335	130	49962	19.203	ug/l	95
38) Methylcyclohexane	9.583	83	80642	18.577	ug/l	97
39) 1,2-Dichloropropane	9.606	63	58995	19.481	ug/l	100
40) Dibromomethane	9.694	93	43740	19.250	ug/l	98
41) Bromodichloromethane	9.871	83	110730	23.452	ug/l #	98
42) Vinyl Acetate	6.595	43	853692	93.988	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	111339	20.896	ug/l	100
44) Isopropyl Acetate	8.677	43	166411	18.424	ug/l	97
45) 1,4-Dioxane	9.683	88	20607	357.886	ug/l	93
46) Methyl methacrylate	9.665	41	90825	21.303	ug/l	88
47) n-amyl Acetate	12.688	43	90357m	18.109	ug/l	
48) t-1,3-Dichloropropene	10.818	75	92552	18.018	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	96952	18.755	ug/l	95
50) 1,1,2-Trichloroethane	11.000	97	53638	18.684	ug/l	94
51) Ethyl methacrylate	10.859	69	92678	18.331	ug/l	97
52) 1,3-Dichloropropane	11.141	76	99513	19.240	ug/l	100
53) Dibromochloromethane	11.335	129	62418	18.827	ug/l	97
54) 1,2-Dibromoethane	11.447	107	56784	18.633	ug/l	99
56) Bromoform	12.559	173	37640	17.164	ug/l #	98
58) 4-Methyl-2-Pentanone	10.430	43	510800	93.459	ug/l	99
59) 2-Hexanone	11.182	43	319340	85.993	ug/l	98
61) Tetrachloroethene	11.082	164	38059	18.387	ug/l	94
62) Toluene	10.612	91	331883	25.309	ug/l	99
64) Chlorobenzene	11.871	112	148871	18.476	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.935	131	52266	18.449	ug/l	98
66) Ethyl Benzene	11.947	91	260164	17.800	ug/l	99
67) m/p-Xylenes	12.047	106	199607	37.206	ug/l	93
68) o-Xylene	12.376	106	93595	17.733	ug/l	98
69) Styrene	12.394	104	162262	18.005	ug/l	99
70) Isopropylbenzene	12.676	105	242291	18.069	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	82821	18.026	ug/l	98
72) 1,2,3-Trichloropropane	12.976	75	89611m	20.937	ug/l	
73) Bromobenzene	12.959	156	53105	17.084	ug/l	97
74) n-propylbenzene	13.012	91	300644	17.953	ug/l	100
75) 2-Chlorotoluene	13.106	91	180876	17.559	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	204833	17.841	ug/l	100
77) t-1,4-Dichloro-2-butene	12.724	75	27200	16.788	ug/l	91
78) 4-Chlorotoluene	13.200	91	183941	17.620	ug/l	100
79) tert-butylbenzene	13.418	119	171280	17.694	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	206864	18.032	ug/l	99
81) sec-Butylbenzene	13.594	105	251600	17.854	ug/l	100
82) p-Isopropyltoluene	13.706	119	209696	17.922	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	108511	18.332	ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	107924	17.984	ug/l	99
85) n-Butylbenzene	14.035	91	208324	18.198	ug/l	98
86) Hexachloroethane	14.306	117	38983	17.061	ug/l	99
87) 1,2-Dichlorobenzene	14.088	146	104708	18.532	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	20051	17.227	ug/l	96
89) 1,2,4-Trichlorobenzene	15.812	180	60048	17.783	ug/l	100
90) Hexachlorobutadiene	15.476	225	23720	18.065	ug/l	93
91) Naphthalene	15.612	128	225491	17.513	ug/l	98
92) 1,2,3-Trichlorobenzene	15.812	180	60048	17.783	ug/l	100

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



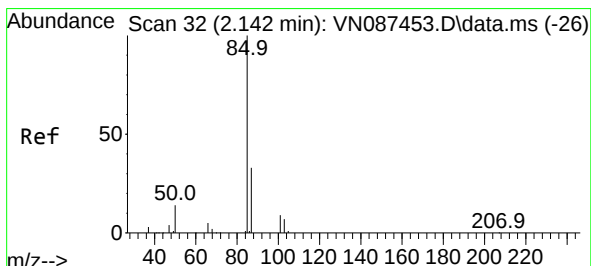
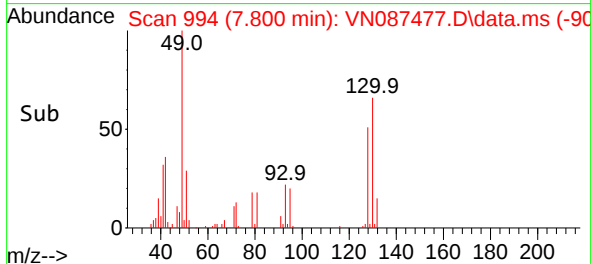
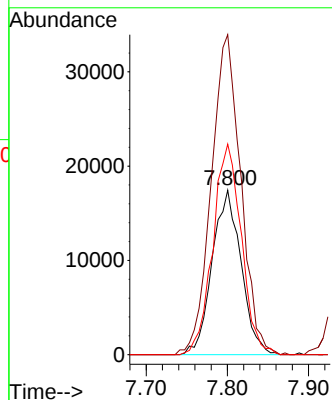
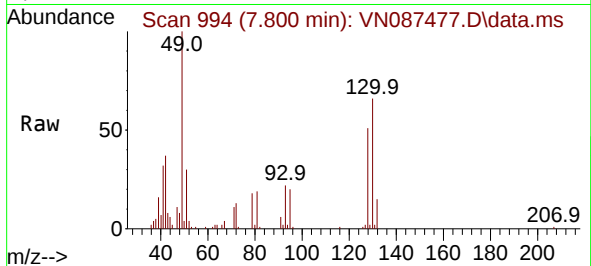
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

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

Tgt Ion:128 Resp: 43168
Ion Ratio Lower Upper
128 100
49 198.4 0.0 494.8
130 126.3 0.0 321.5

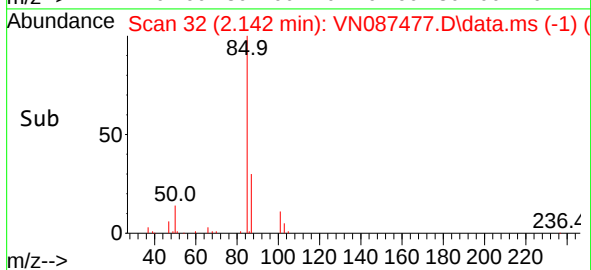
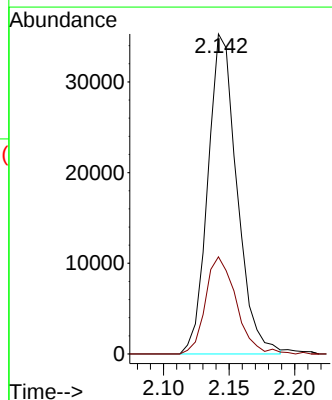
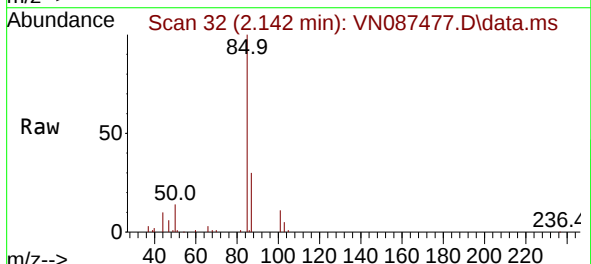
Manual Integrations
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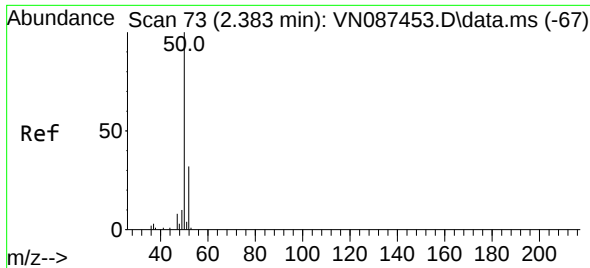
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#2
Dichlorodifluoromethane
Concen: 19.344 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

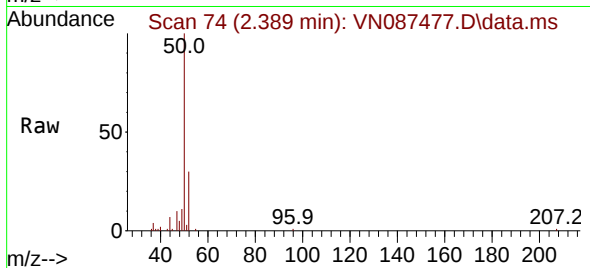
Tgt Ion: 85 Resp: 54520
Ion Ratio Lower Upper
85 100
87 30.4 16.4 49.2





#3
Chloromethane
Concen: 19.550 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

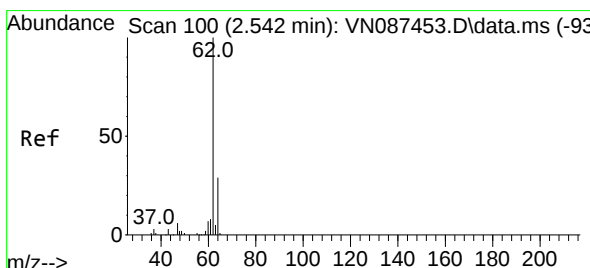
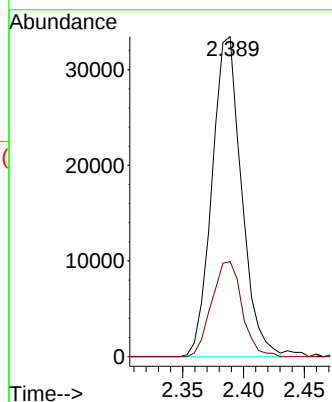
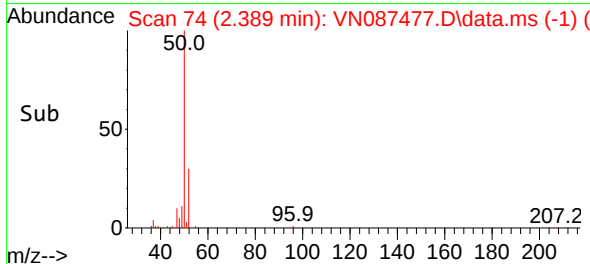
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



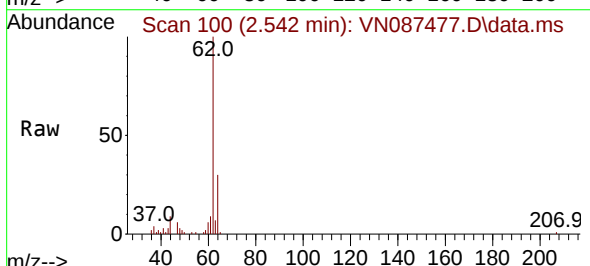
Tgt Ion: 50 Resp: 5653
Ion Ratio Lower Upper
50 100
52 29.7 25.8 38.6

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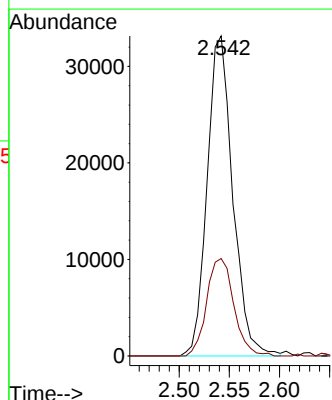
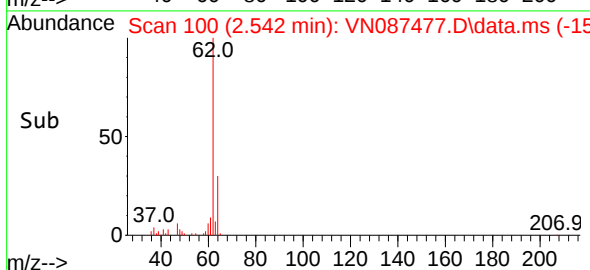
Reviewed By :John Carlone 08/07/2025
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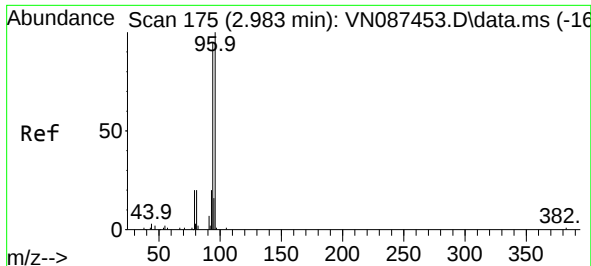


#4
Vinyl Chloride
Concen: 19.239 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



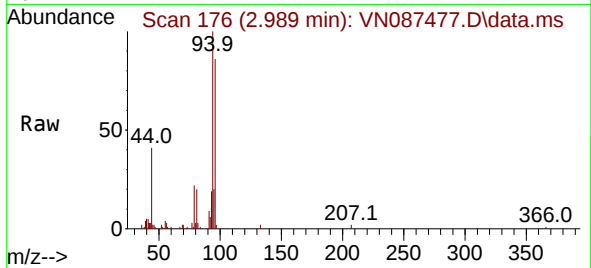
Tgt Ion: 62 Resp: 59006
Ion Ratio Lower Upper
62 100
64 30.4 23.4 35.2





#5
Bromomethane
Concen: 19.830 ug/l
RT: 2.989 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

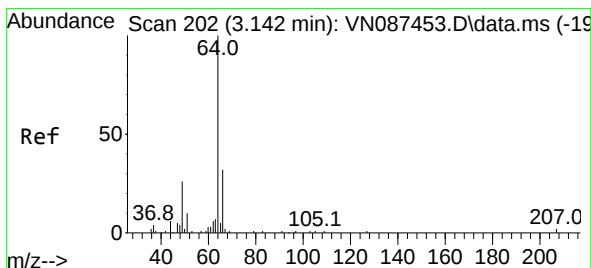
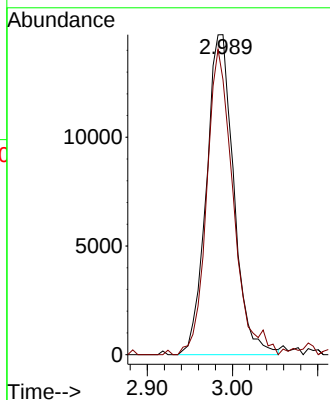
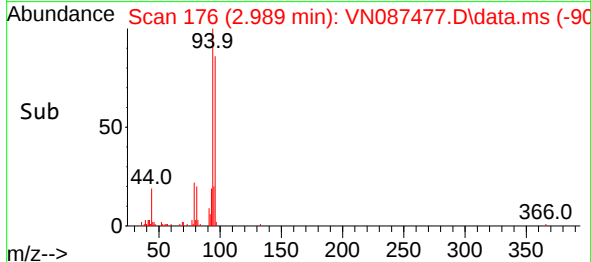
Instrument :
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ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 94 Resp: 32919
Ion Ratio Lower Upper
94 100
96 85.9 84.2 126.4

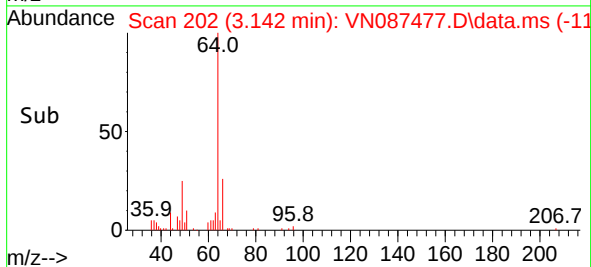
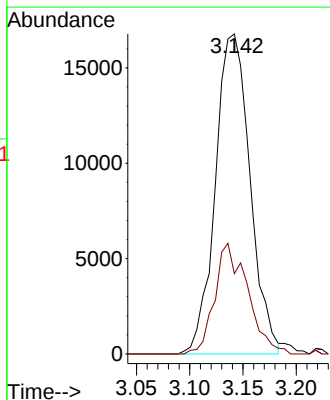
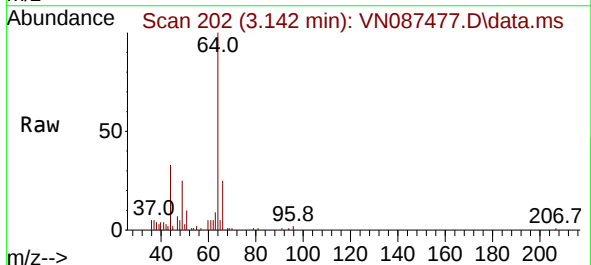
Manual Integrations
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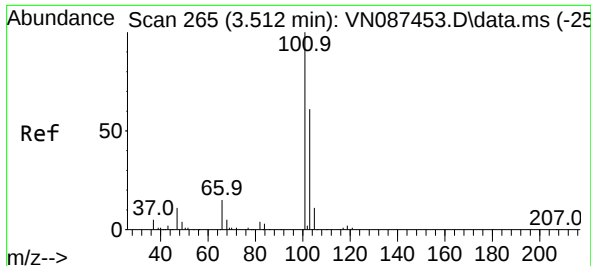
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#6
Chloroethane
Concen: 19.192 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

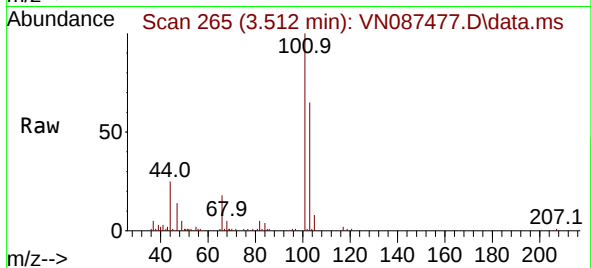
Tgt Ion: 64 Resp: 37955
Ion Ratio Lower Upper
64 100
66 25.1 25.4 38.0#





#7
Trichlorofluoromethane
Concen: 18.956 ug/l
RT: 3.512 min Scan# 265
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

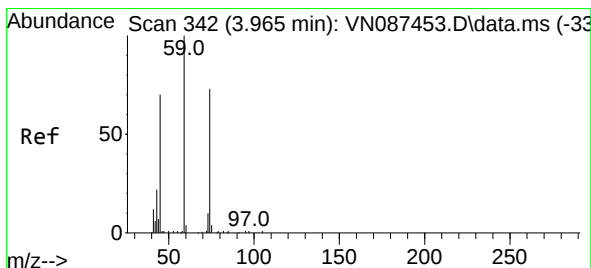
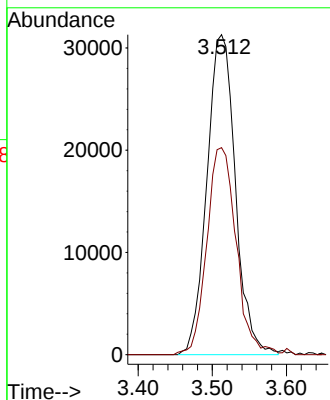
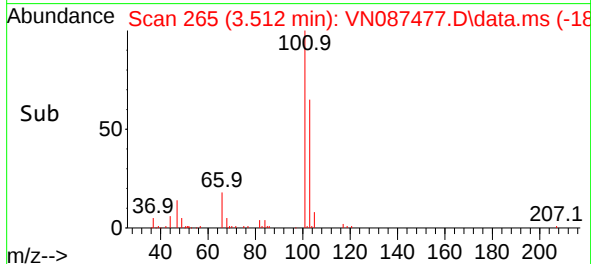
Instrument :
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Tgt Ion:101 Resp: 8366
Ion Ratio Lower Upper
101 100
103 64.1 49.2 73.8

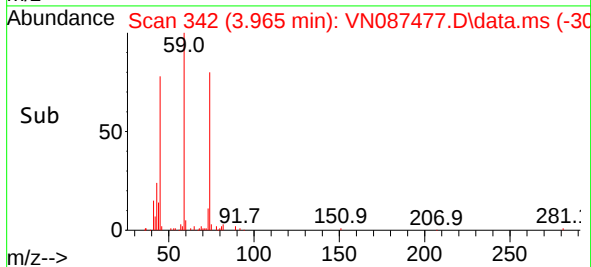
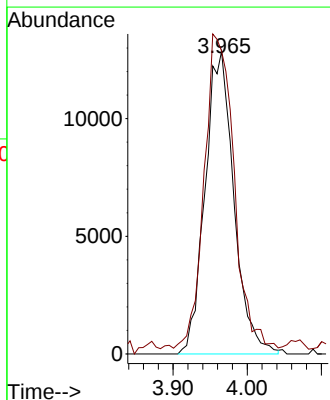
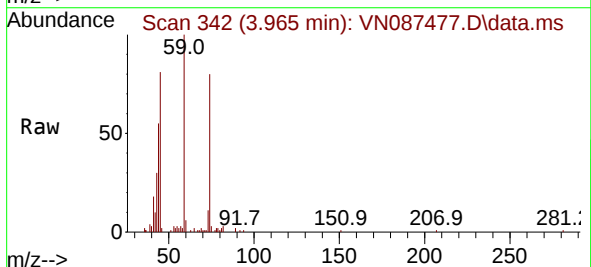
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#8
Diethyl Ether
Concen: 18.909 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

Tgt Ion: 74 Resp: 34772
Ion Ratio Lower Upper
74 100
45 104.7 20.1 180.9





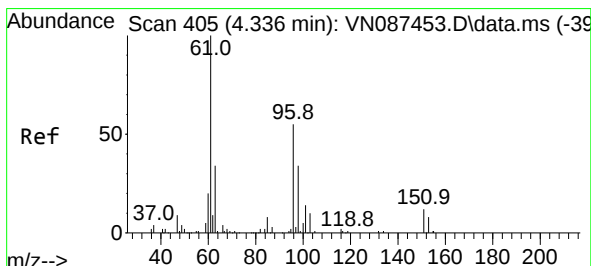
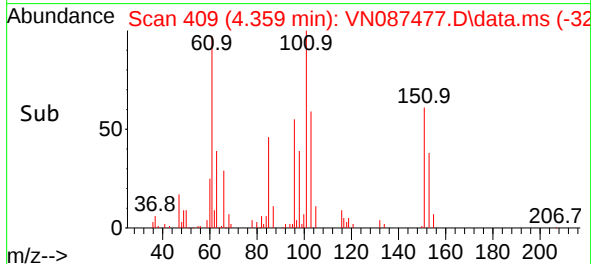
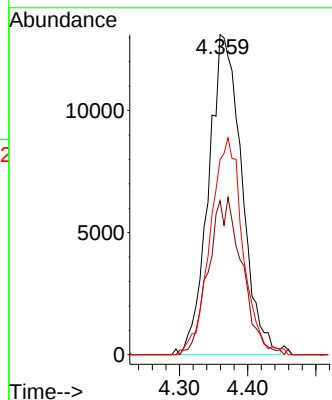
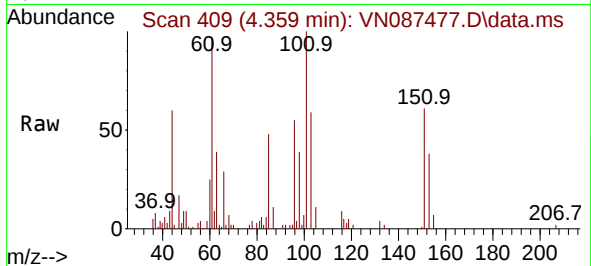
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1,1,2-Trichlorotrifluoroethane
Concen: 19.694 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

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

Tgt Ion:101 Resp: 44328
Ion Ratio Lower Upper
101 100
85 23.5 0.0 57.0
151 65.4 0.0 134.2

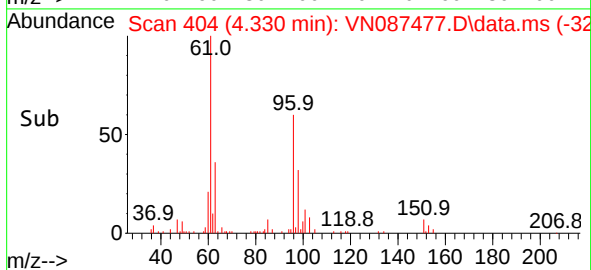
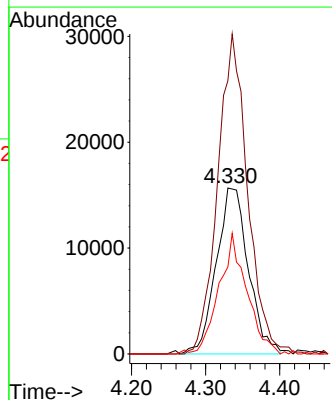
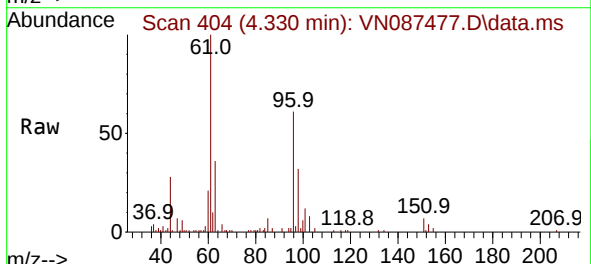
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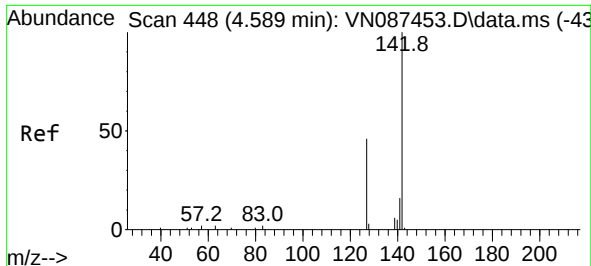
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#10
1,1-Dichloroethene
Concen: 19.961 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

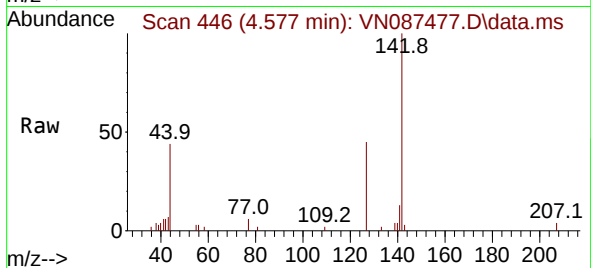
Tgt Ion: 96 Resp: 47193
Ion Ratio Lower Upper
96 100
61 164.7 144.2 216.4
98 52.4 49.7 74.5





#11
Methyl Iodide
Concen: 13.178 ug/l
RT: 4.577 min Scan# 448
Delta R.T. -0.012 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

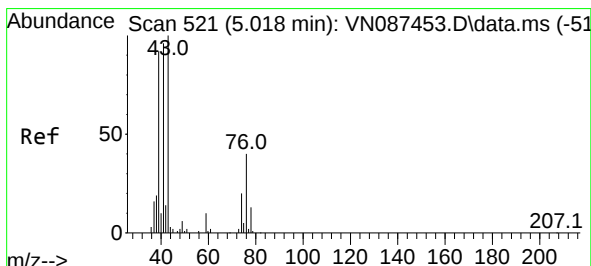
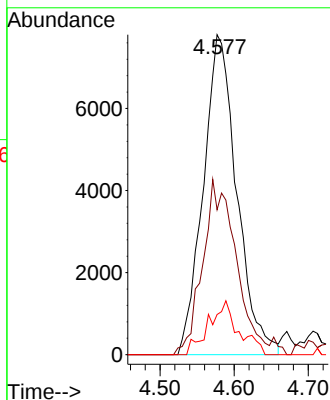
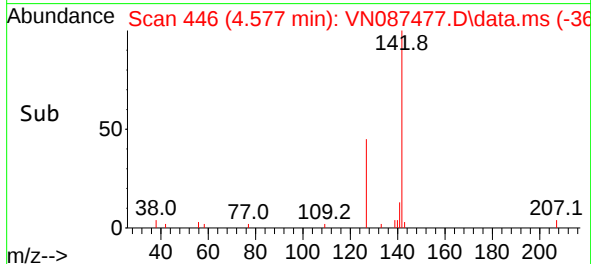
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion:142 Resp: 2453
Ion Ratio Lower Upper
142 100
127 43.7 22.9 68.7
141 12.7 7.7 23.1

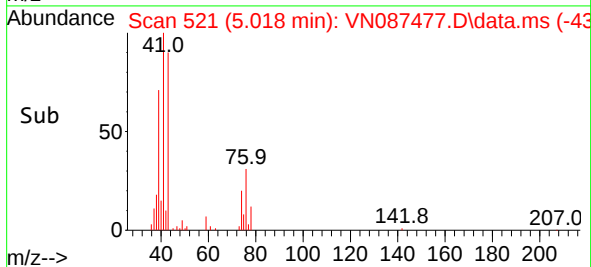
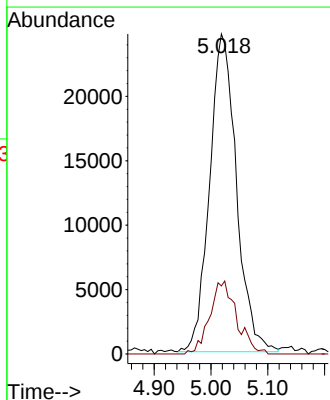
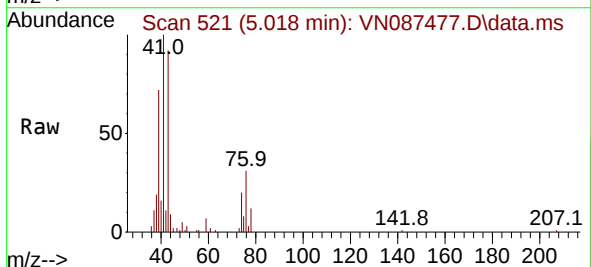
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#12
Methyl Acetate
Concen: 18.575 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

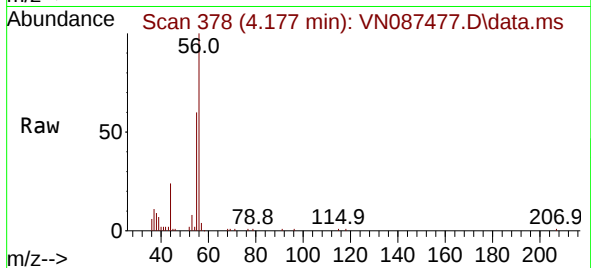
Tgt Ion: 43 Resp: 81040
Ion Ratio Lower Upper
43 100
74 21.5 16.0 24.0





#13
Acrolein
Concen: 129.631 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

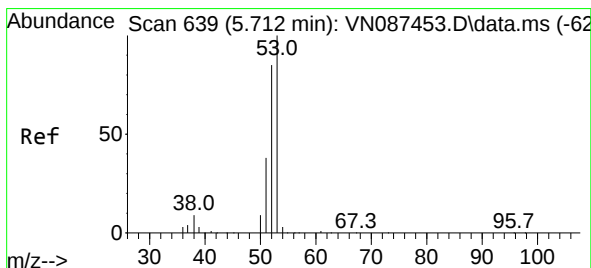
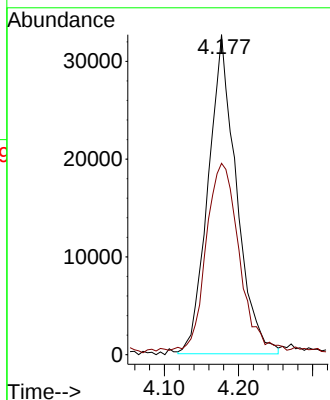
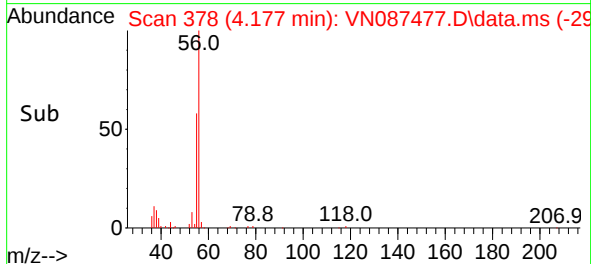
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 56 Resp: 8638
Ion Ratio Lower Upper
56 100
55 65.0 57.4 86.0

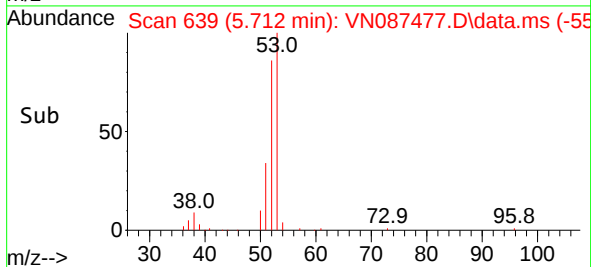
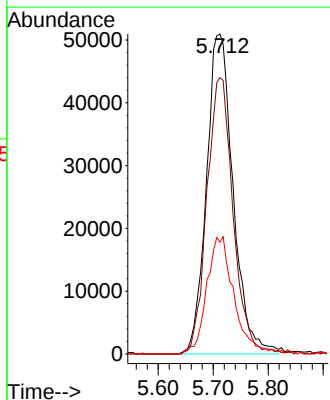
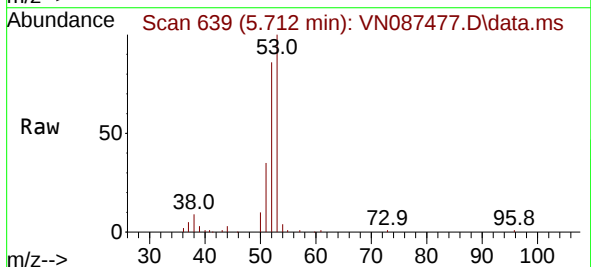
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#14
Acrylonitrile
Concen: 90.282 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

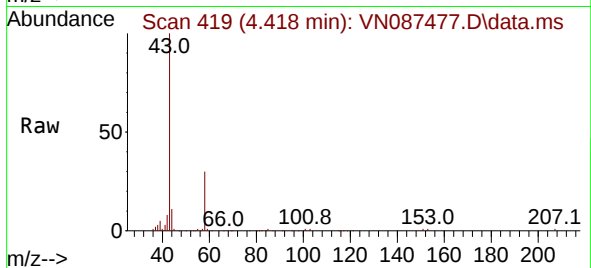
Tgt Ion: 53 Resp: 172001
Ion Ratio Lower Upper
53 100
52 84.1 42.4 127.2
51 37.0 18.5 55.5





#15
Acetone
Concen: 137.220 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

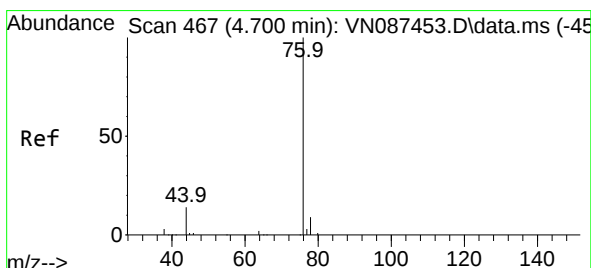
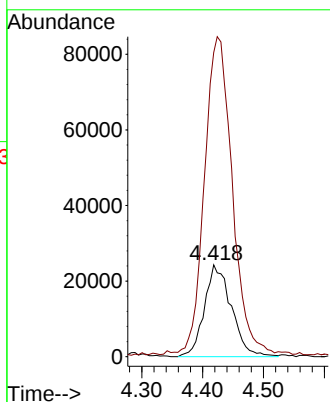
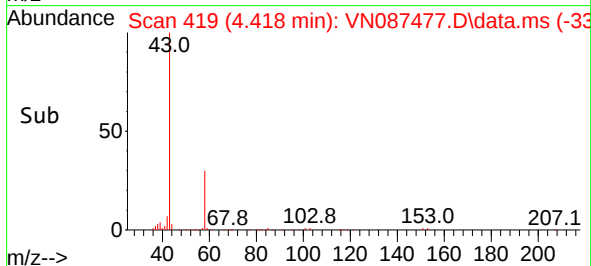
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 58 Resp: 74690
Ion Ratio Lower Upper
58 100
43 326.6 268.9 403.3

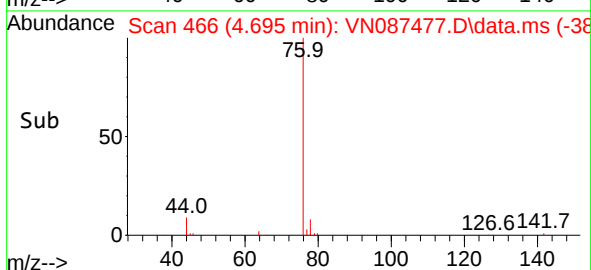
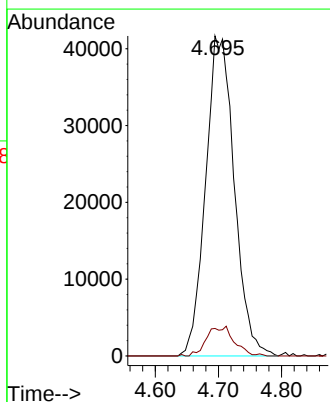
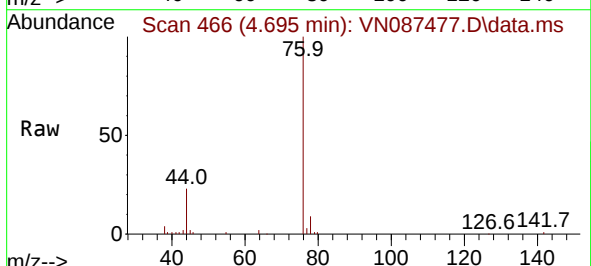
Manual Integrations
APPROVED

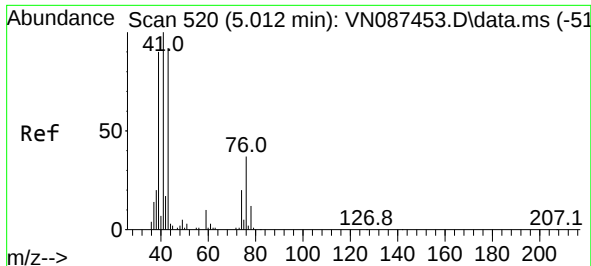
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#16
Carbon Disulfide
Concen: 17.932 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

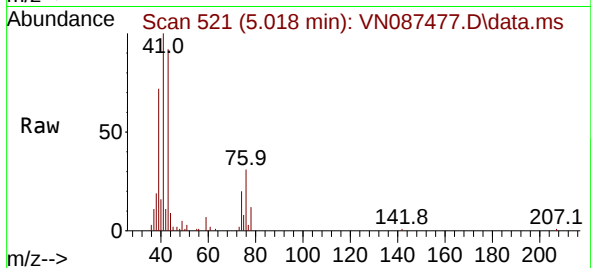
Tgt Ion: 76 Resp: 131512
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7





#17
 Allyl chloride
 Concen: 19.519 ug/l m
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087477.D
 Acq: 06 Aug 2025 13:17

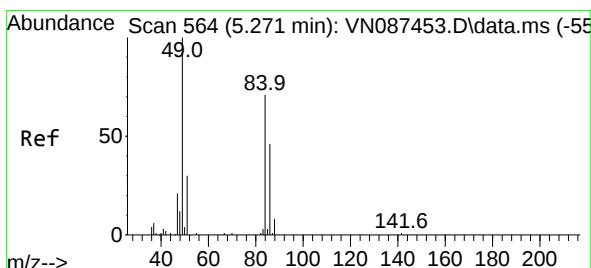
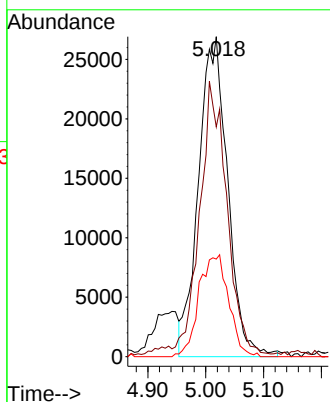
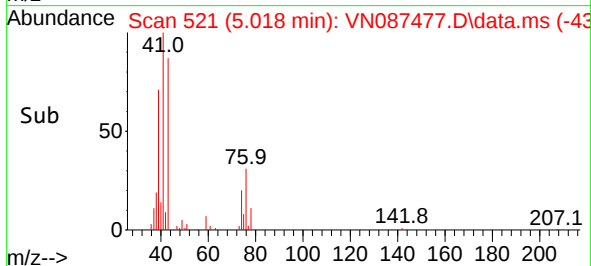
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 41 Resp: 94064
 Ion Ratio Lower Upper
 41 100
 39 71.8 42.4 127.2
 76 30.5 16.9 50.6

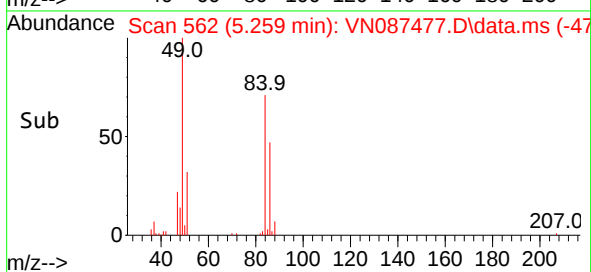
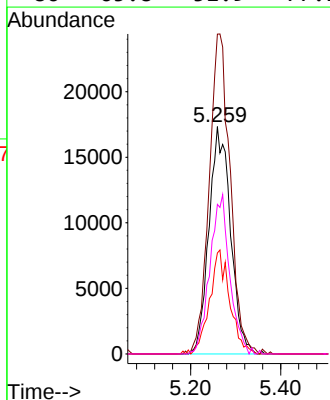
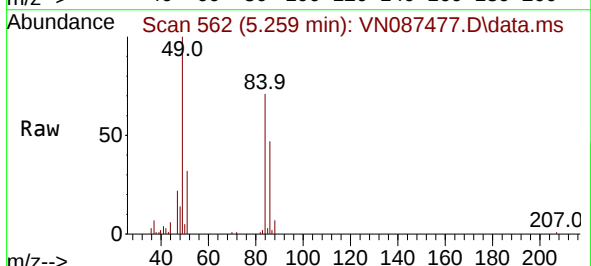
Manual Integrations
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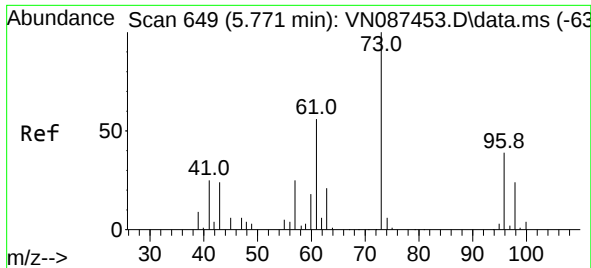
Reviewed By :John Carlone 08/07/2025
 Supervised By :Mahesh Dadoda 08/07/2025



#18
 Methylene Chloride
 Concen: 18.907 ug/l m
 RT: 5.259 min Scan# 562
 Delta R.T. -0.012 min
 Lab File: VN087477.D
 Acq: 06 Aug 2025 13:17

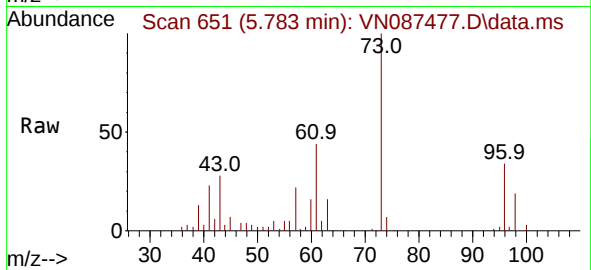
Tgt Ion: 84 Resp: 57548
 Ion Ratio Lower Upper
 84 100
 49 140.7 112.9 169.3
 51 44.4 33.8 50.8
 86 65.8 51.9 77.9





#19
trans-1,2-Dichloroethene
Concen: 18.214 ug/l m
RT: 5.783 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

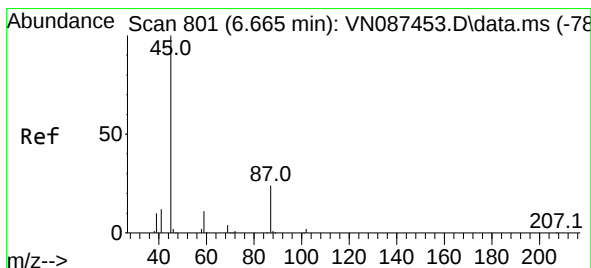
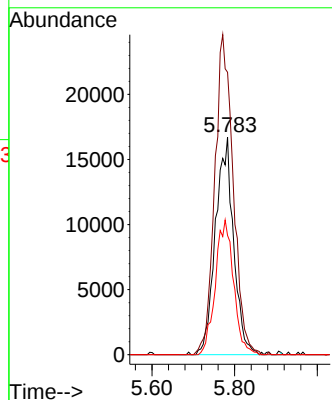
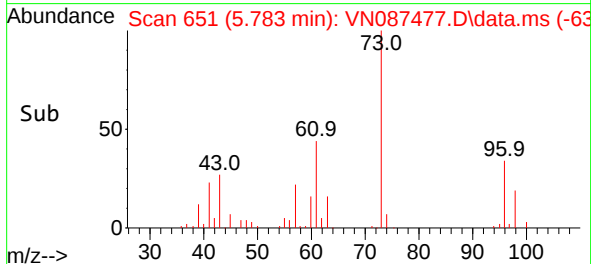
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 96 Resp: 51209
Ion Ratio Lower Upper
96 100
61 129.7 114.2 171.4
98 54.8 48.7 73.1

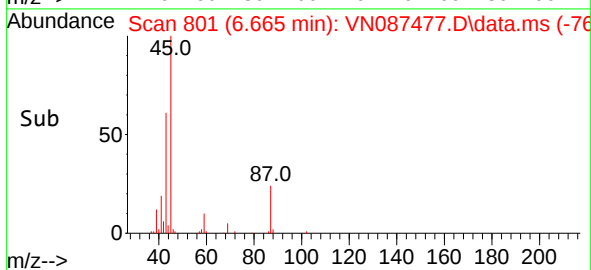
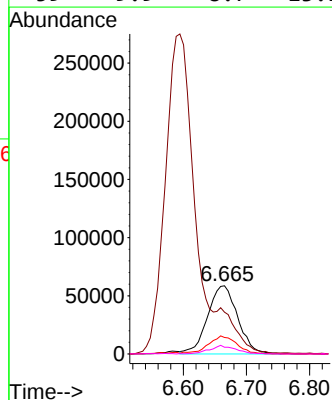
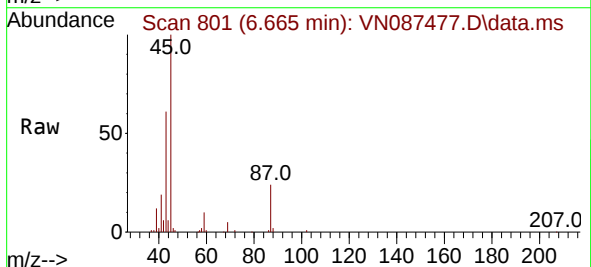
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#20
Diisopropyl ether
Concen: 17.663 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

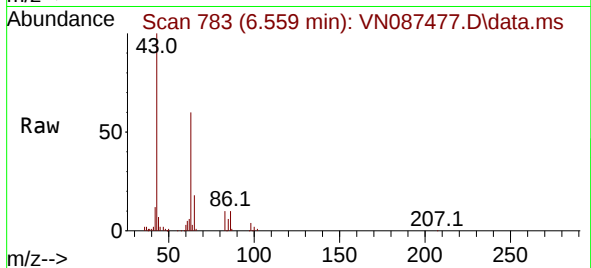
Tgt Ion: 45 Resp: 193904
Ion Ratio Lower Upper
45 100
43 59.9 44.7 67.1
87 23.8 20.2 30.2
59 9.9 8.7 13.1





#21
1,1-Dichloroethane
Concen: 17.879 ug/l
RT: 6.559 min Scan# 782
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

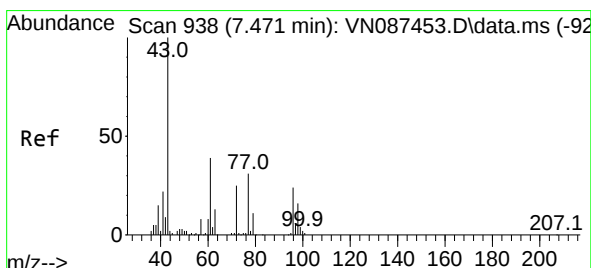
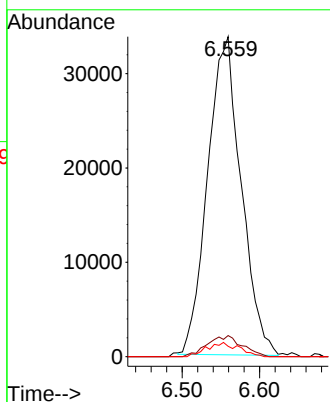
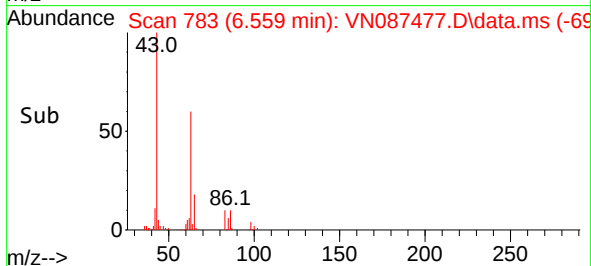
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 63 Resp: 10145
Ion Ratio Lower Upper
63 100
98 6.6 3.0 9.0
100 3.3 1.9 5.7

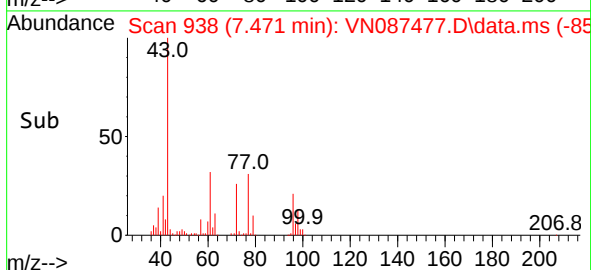
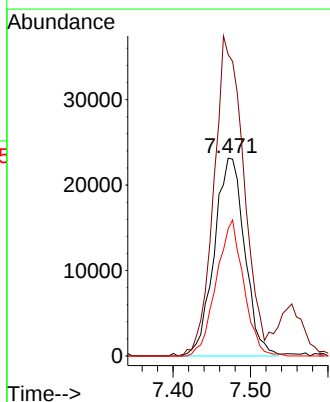
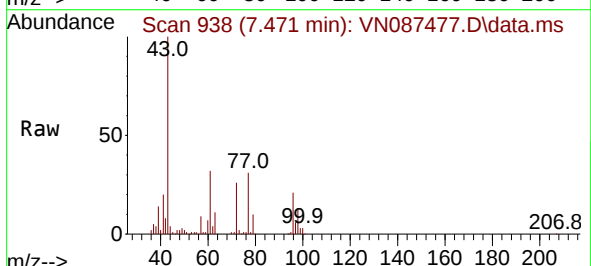
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#22
cis-1,2-Dichloroethene
Concen: 18.298 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

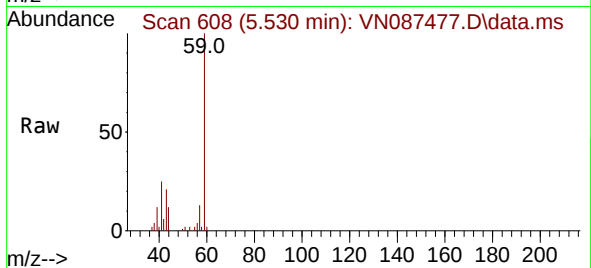
Tgt Ion: 96 Resp: 63299
Ion Ratio Lower Upper
96 100
61 157.6 126.6 190.0
98 61.7 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 87.076 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

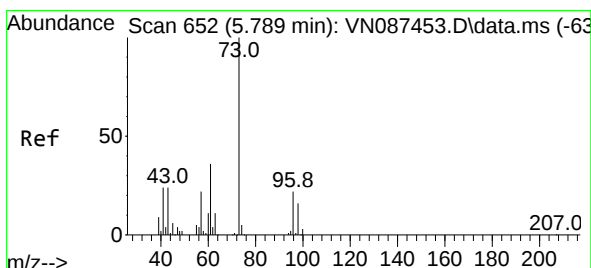
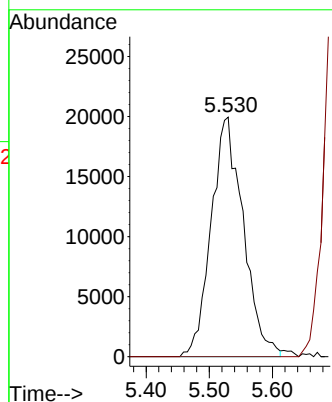
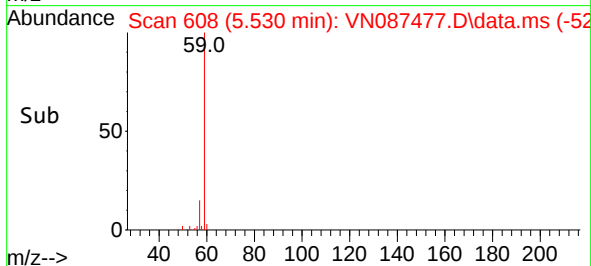
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 59 Resp: 7049
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

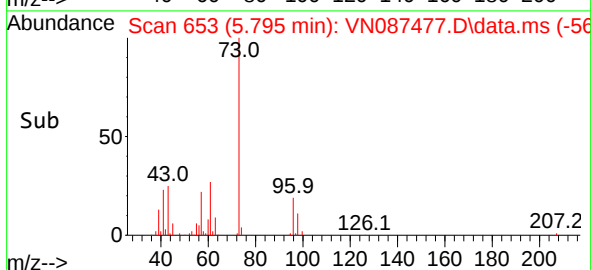
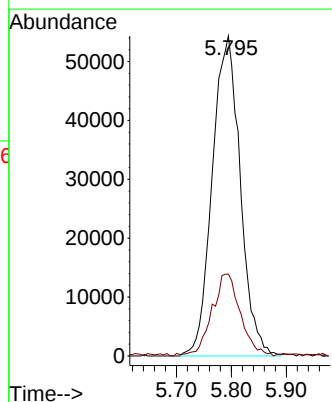
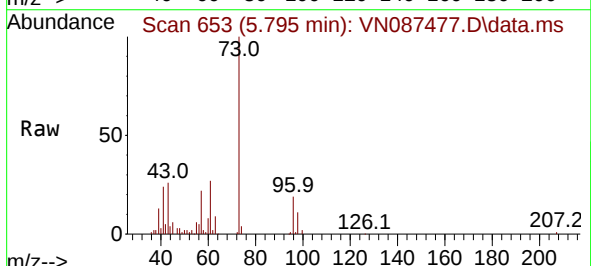
Manual Integrations
APPROVED

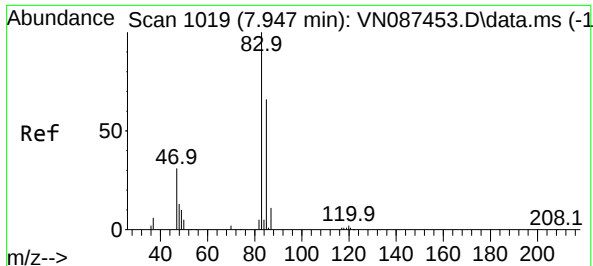
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#24
Methyl tert-Butyl Ether
Concen: 17.840 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

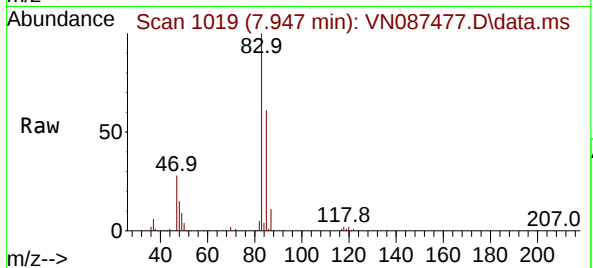
Tgt Ion: 73 Resp: 192197
Ion Ratio Lower Upper
73 100
43 25.9 19.9 29.9





#25
Chloroform
Concen: 64.270 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

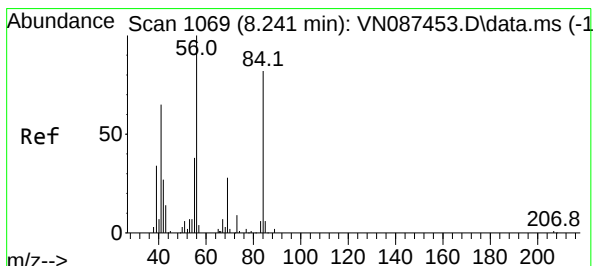
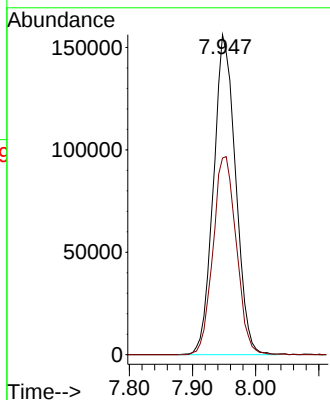
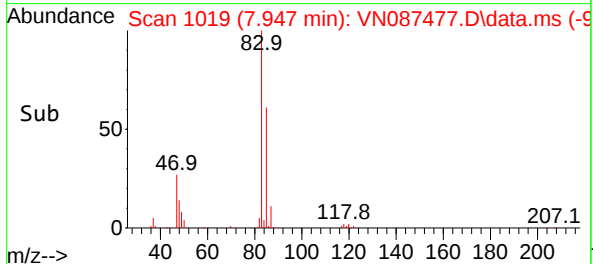
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 83 Resp: 380692
Ion Ratio Lower Upper
83 100
85 61.5 52.6 78.8

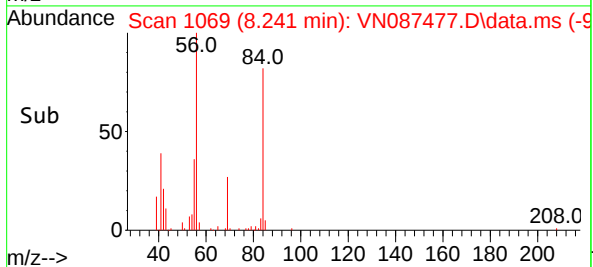
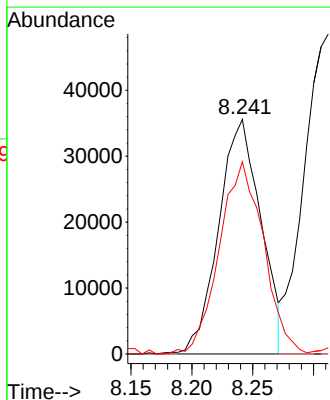
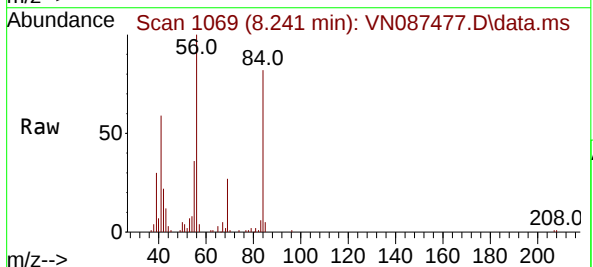
Manual Integrations
APPROVED

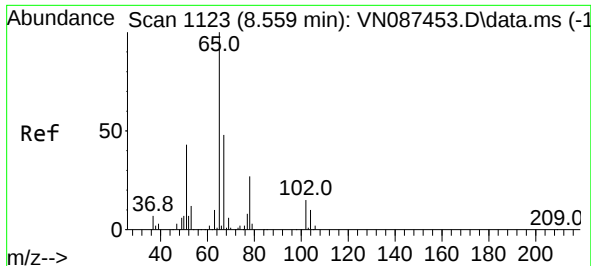
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#26
Cyclohexane
Concen: 18.851 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

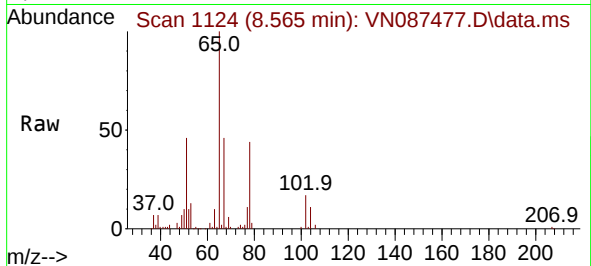
Tgt Ion: 56 Resp: 85647
Ion Ratio Lower Upper
56 100
89 0.0 2.3 3.5#
84 85.8 67.0 100.4





#27
1,2-Dichloroethane-d4
Concen: 30.535 ug/l
RT: 8.565 min Scan# 1123
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

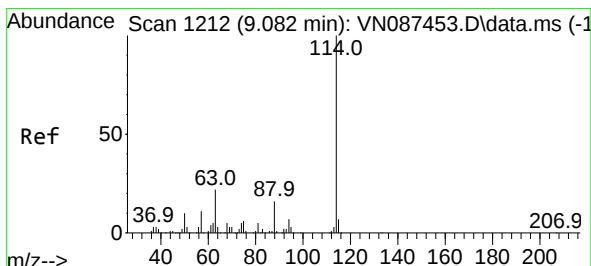
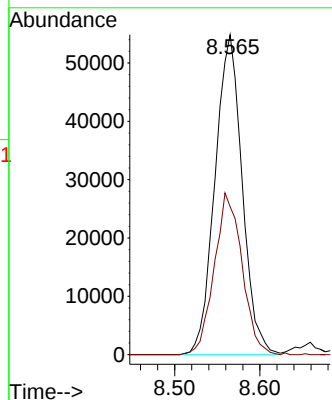
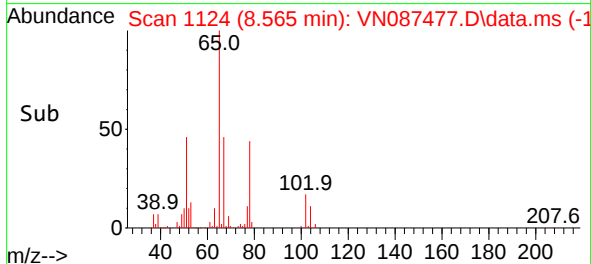
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



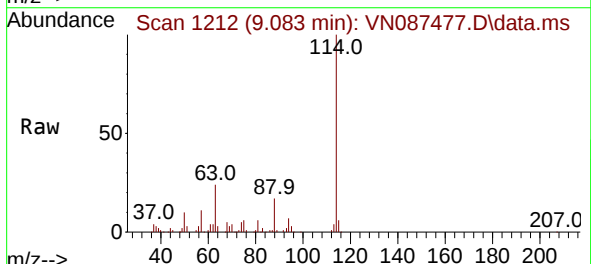
Tgt Ion: 65 Resp: 121580
Ion Ratio Lower Upper
65 100
67 51.6 40.8 61.2

Manual Integrations
APPROVED

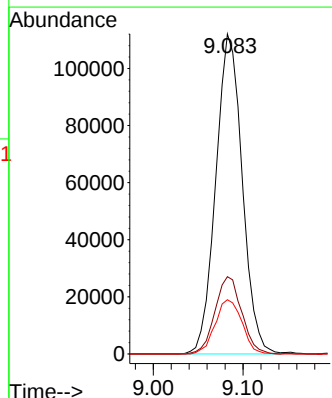
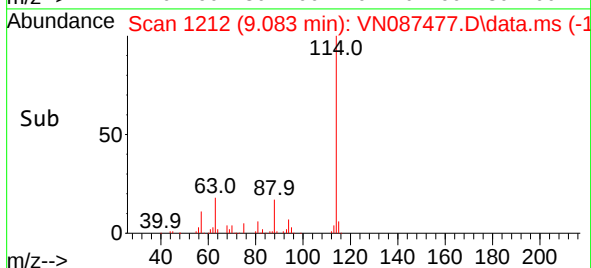
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

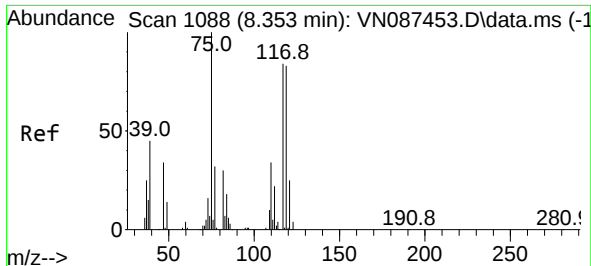


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



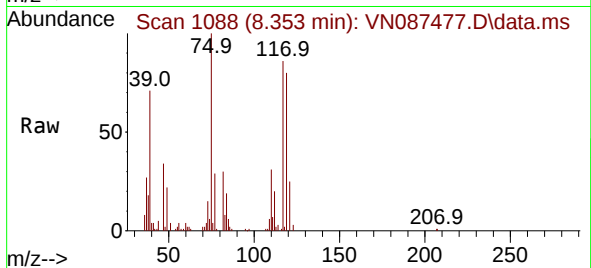
Tgt Ion:114 Resp: 229415
Ion Ratio Lower Upper
114 100
63 24.4 18.9 28.3
88 17.2 13.1 19.7





#29
1,1-Dichloropropene
Concen: 19.850 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

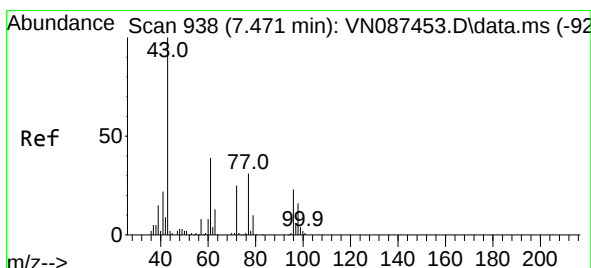
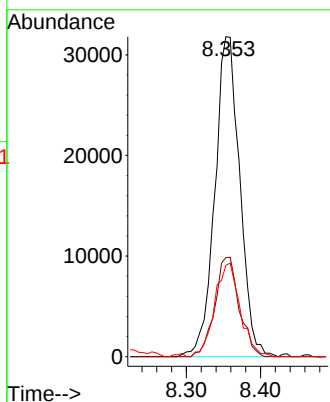
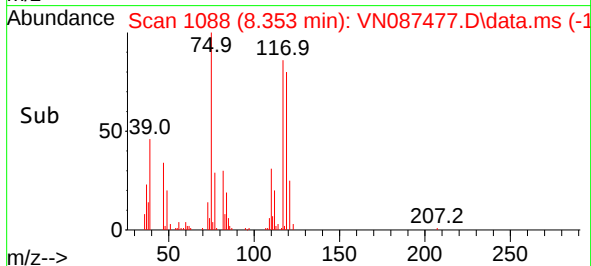
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



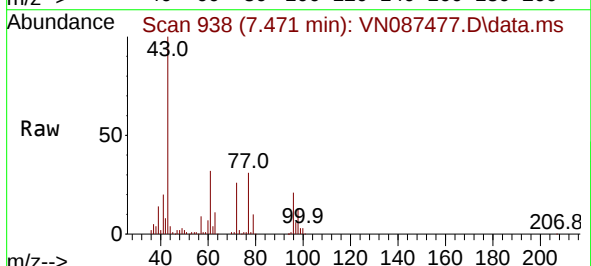
Tgt Ion: 75 Resp: 74275
Ion Ratio Lower Upper
75 100
110 30.4 0.0 65.8
77 29.9 0.0 63.6

Manual Integrations
APPROVED

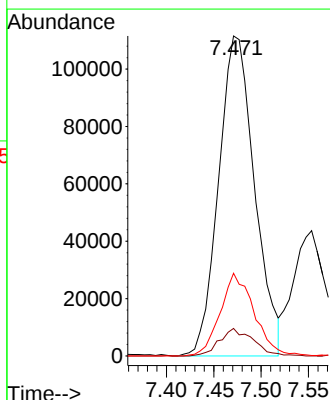
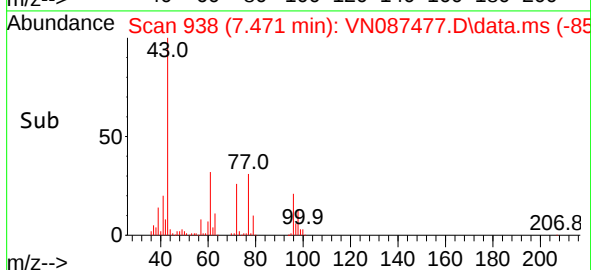
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

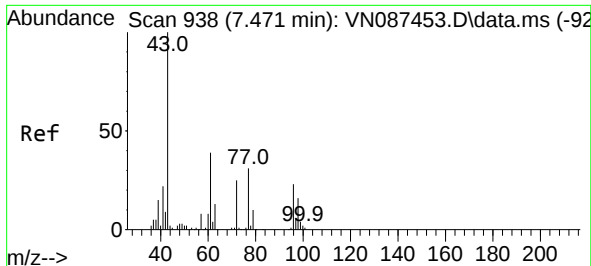


#30
2-Butanone
Concen: 106.957 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



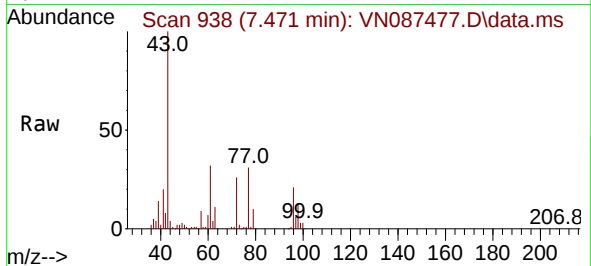
Tgt Ion: 43 Resp: 295000
Ion Ratio Lower Upper
43 100
57 8.1 6.6 9.8
72 24.4 19.7 29.5





#31
2,2-Dichloropropane
Concen: 19.827 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

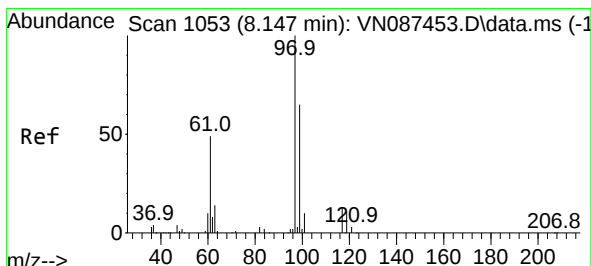
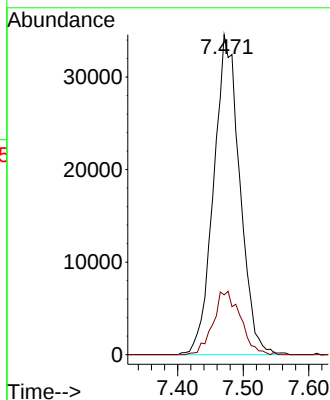
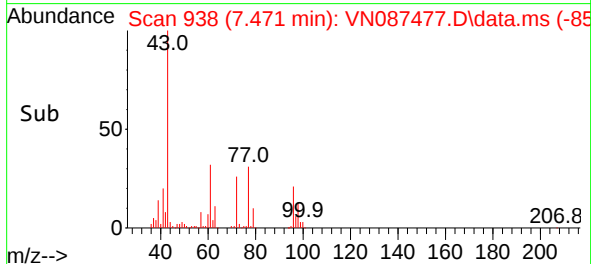
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 77 Resp: 9568
Ion Ratio Lower Upper
77 100
97 20.6 16.7 25.1

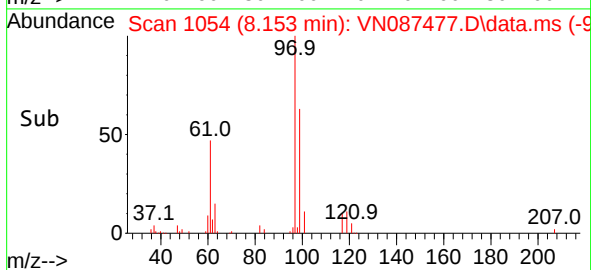
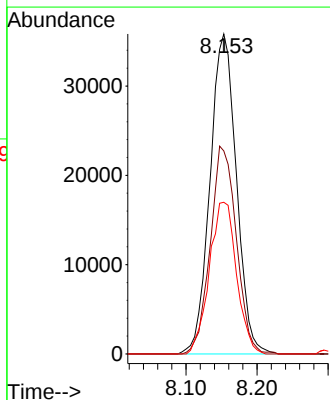
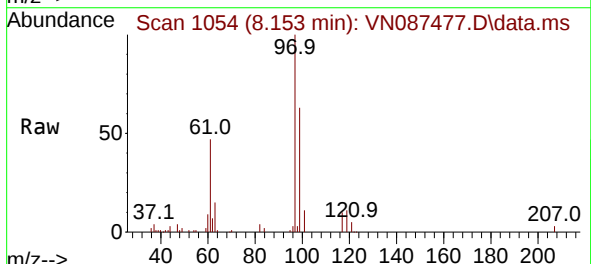
Manual Integrations
APPROVED

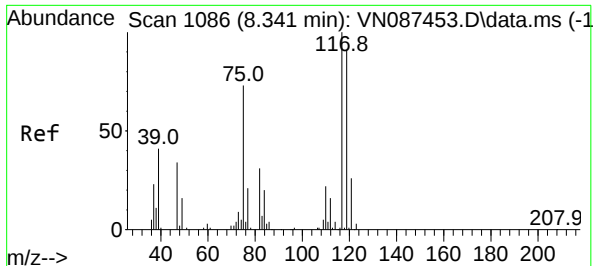
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#32
1,1,1-Trichloroethane
Concen: 19.359 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

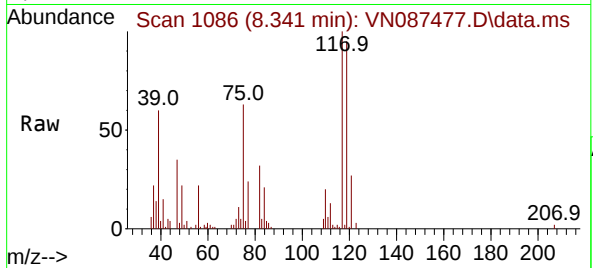
Tgt Ion: 97 Resp: 92386
Ion Ratio Lower Upper
97 100
99 64.0 53.0 79.6
61 48.8 40.6 61.0





#33
Carbon Tetrachloride
Concen: 19.151 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

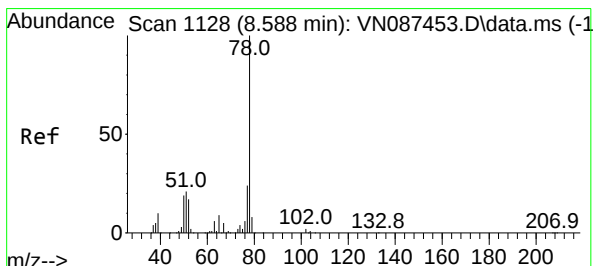
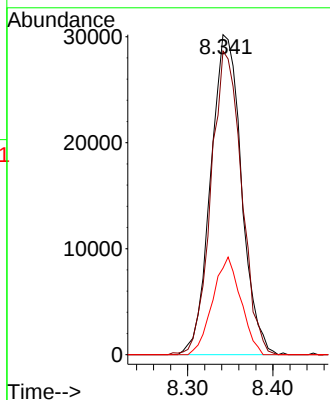
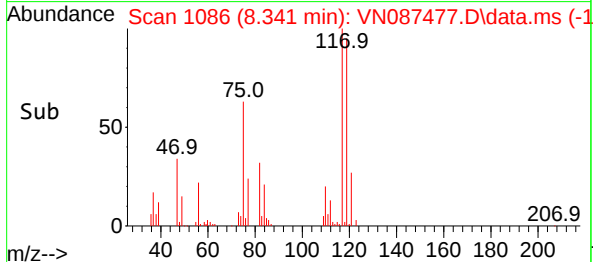
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 117 Resp: 75920
Ion Ratio Lower Upper
117 100
119 94.9 73.4 110.0
121 27.0 21.1 31.7

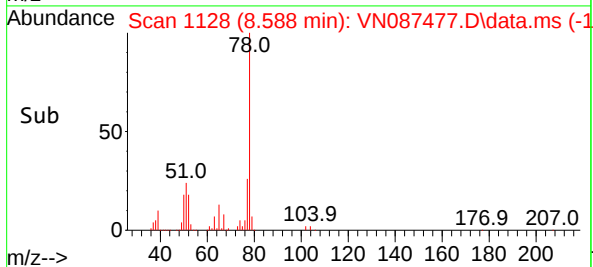
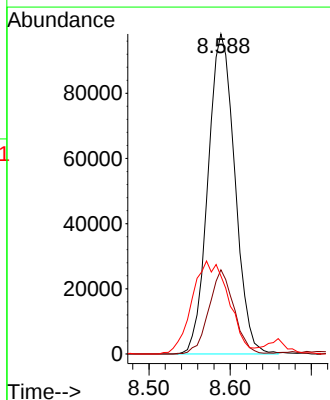
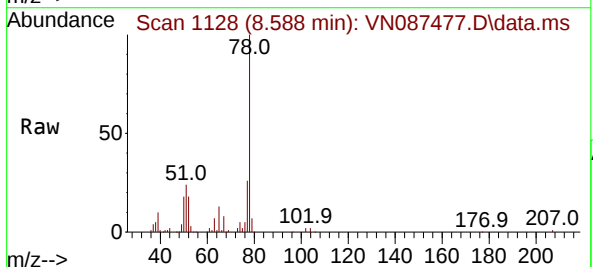
Manual Integrations
APPROVED

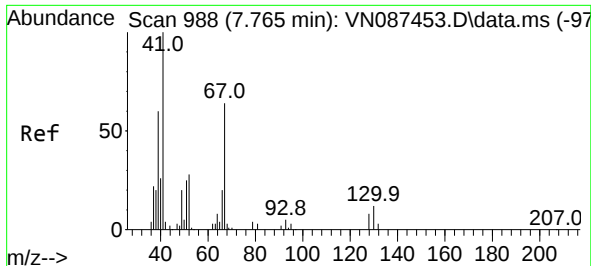
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#34
Benzene
Concen: 19.073 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

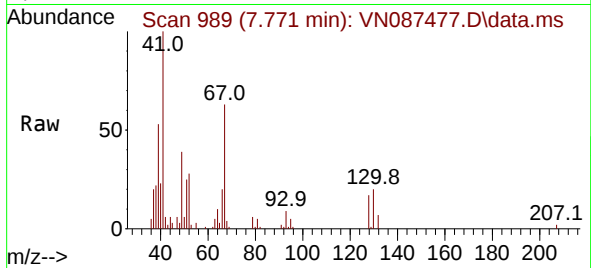
Tgt Ion: 78 Resp: 225280
Ion Ratio Lower Upper
78 100
77 26.1 19.2 28.8
51 20.6 16.9 25.3





#35
Methacrylonitrile
Concen: 18.746 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

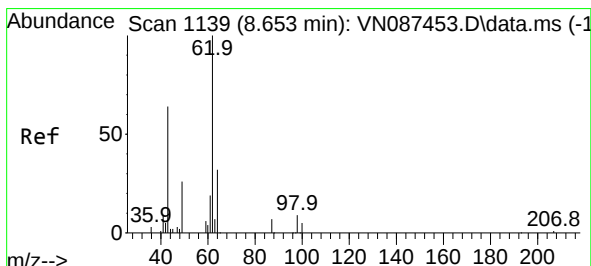
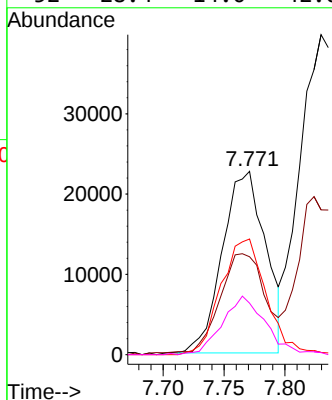
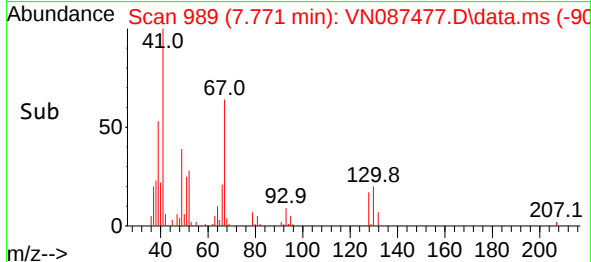
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 41 Resp: 55790
Ion Ratio Lower Upper
41 100
39 52.2 30.1 90.5
67 63.7 32.0 96.2
52 28.4 14.0 42.0

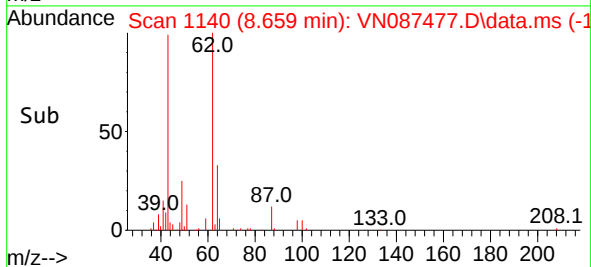
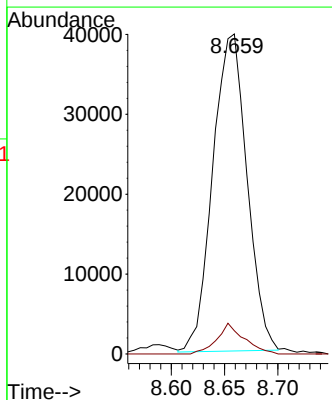
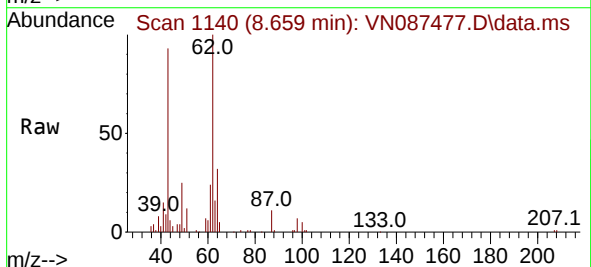
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#36
1,2-Dichloroethane
Concen: 18.599 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

Tgt Ion: 62 Resp: 88789
Ion Ratio Lower Upper
62 100
98 7.7 6.6 9.8





#37

Trichloroethene

Concen: 19.203 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.000 min

Lab File: VN087477.D

Acq: 06 Aug 2025 13:17

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(AUG)MS

Tgt Ion:130 Resp: 4996

Ion Ratio Lower Upper

130 100

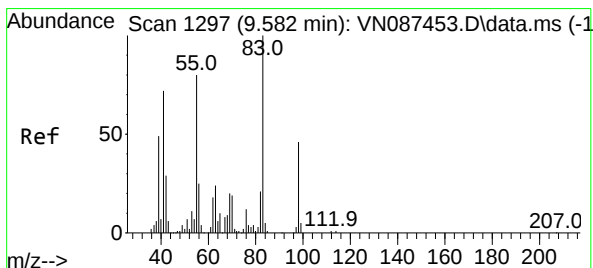
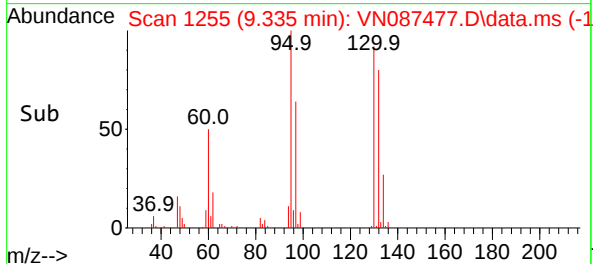
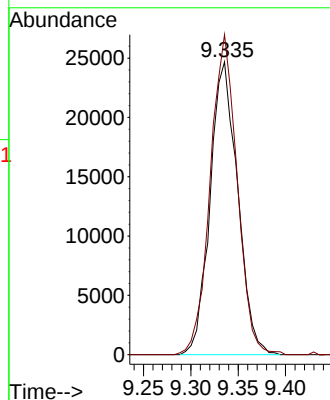
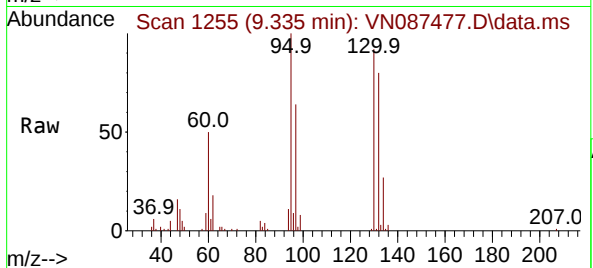
95 108.6 91.4 137.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/07/2025

Supervised By :Mahesh Dadoda 08/07/2025



#38

Methylcyclohexane

Concen: 18.577 ug/l

RT: 9.583 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN087477.D

Acq: 06 Aug 2025 13:17

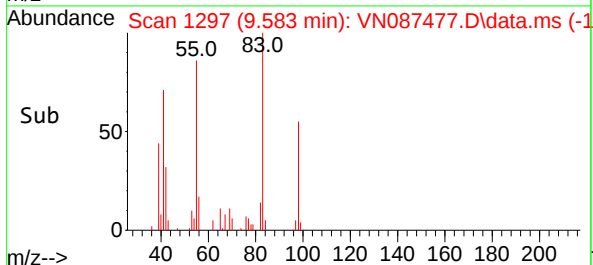
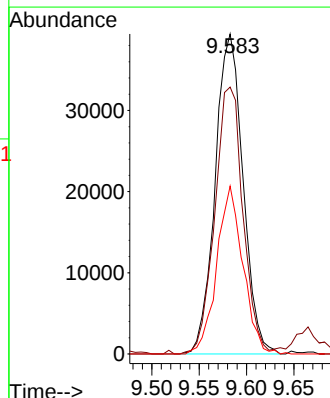
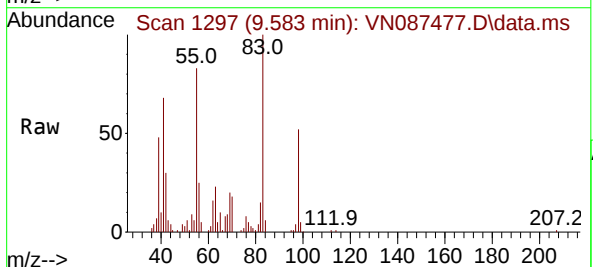
Tgt Ion: 83 Resp: 80642

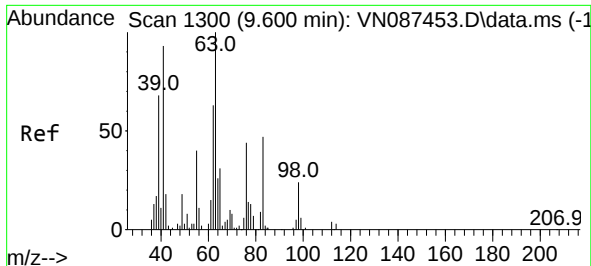
Ion Ratio Lower Upper

83 100

55 84.2 41.2 123.6

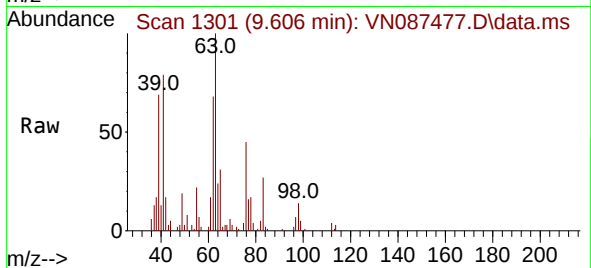
98 49.1 23.3 69.9





#39
1,2-Dichloropropane
Concen: 19.481 ug/l
RT: 9.606 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

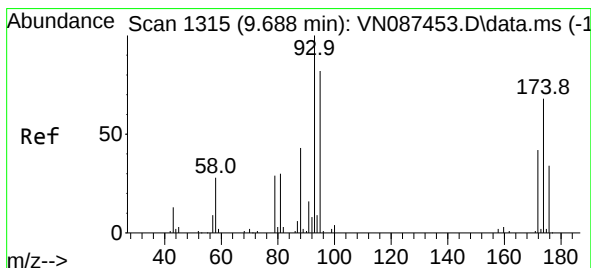
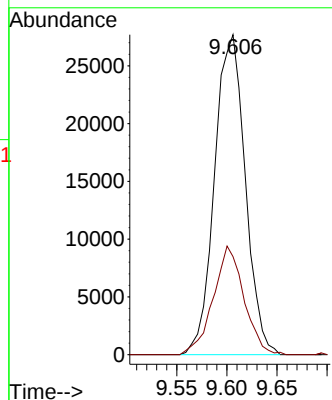
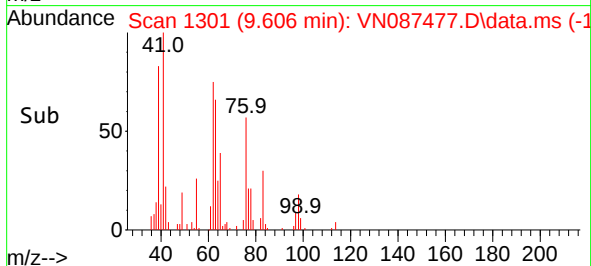
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 63 Resp: 5899
Ion Ratio Lower Upper
63 100
65 30.6 24.6 36.8

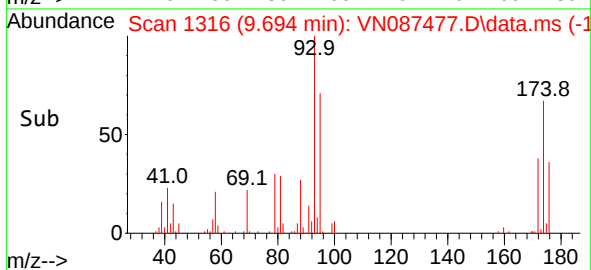
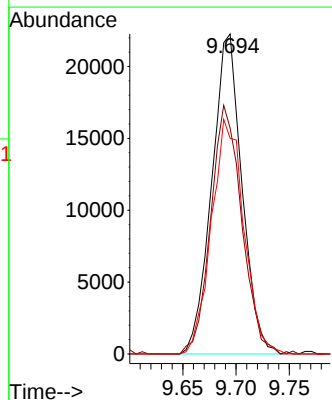
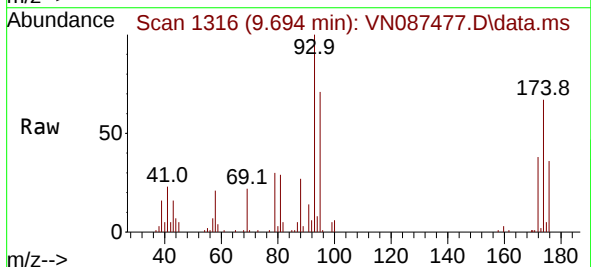
Manual Integrations
APPROVED

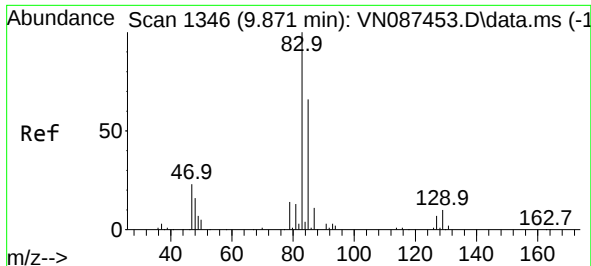
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#40
Dibromomethane
Concen: 19.250 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

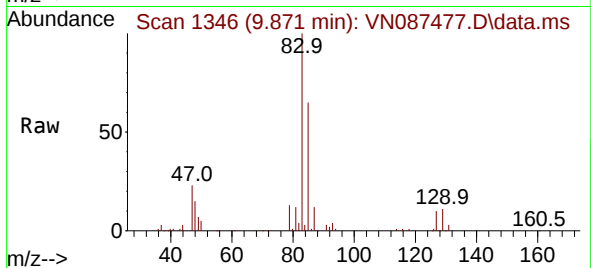
Tgt Ion: 93 Resp: 43740
Ion Ratio Lower Upper
93 100
95 79.8 0.0 161.6
174 78.7 0.0 151.4





#41
Bromodichloromethane
Concen: 23.452 ug/l
RT: 9.871 min Scan# 110730
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

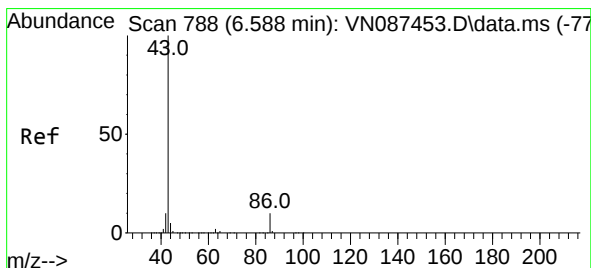
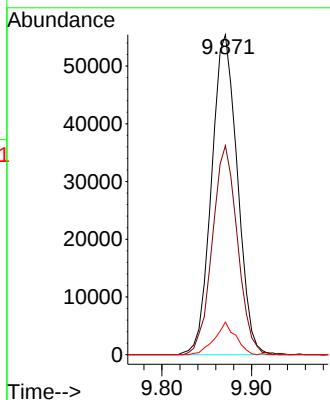
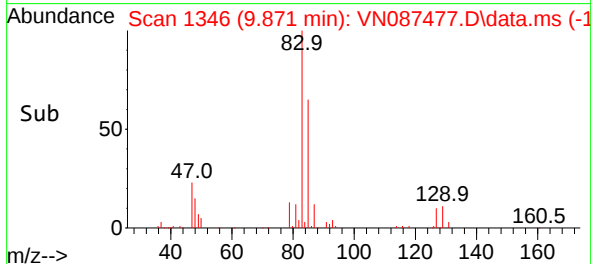
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 83 Resp: 110730
Ion Ratio Lower Upper
83 100
85 65.3 52.9 79.3
127 10.2 5.8 8.6

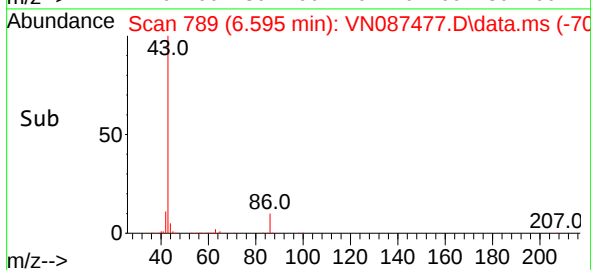
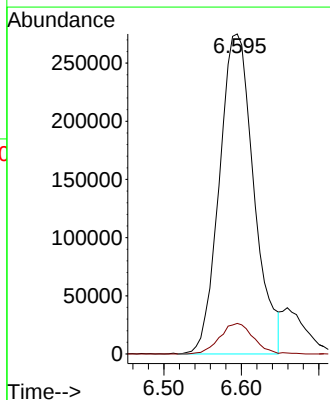
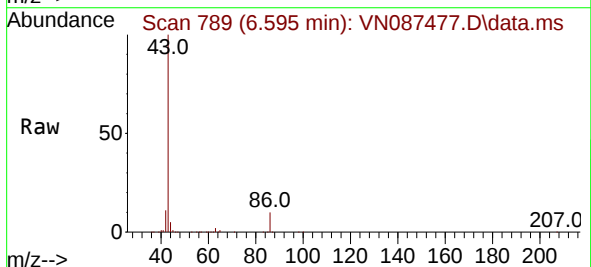
Manual Integrations
APPROVED

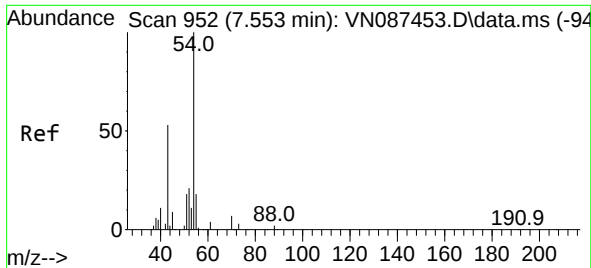
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#42
Vinyl Acetate
Concen: 93.988 ug/l
RT: 6.595 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

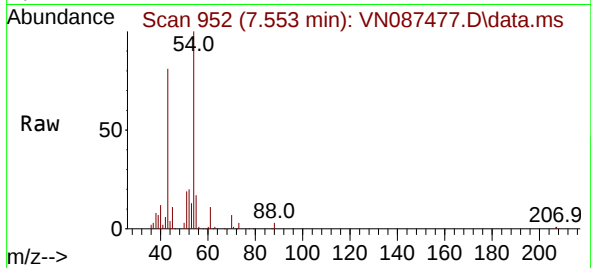
Tgt Ion: 43 Resp: 853692
Ion Ratio Lower Upper
43 100
86 9.2 7.3 10.9





#43
Ethyl Acetate
Concen: 20.896 ug/l
RT: 7.553 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

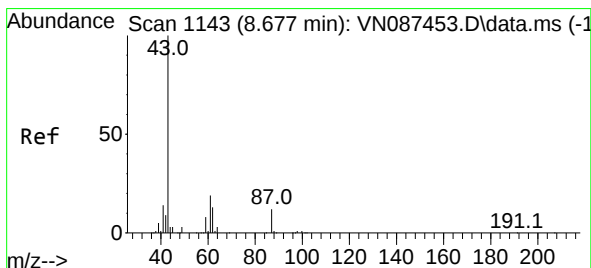
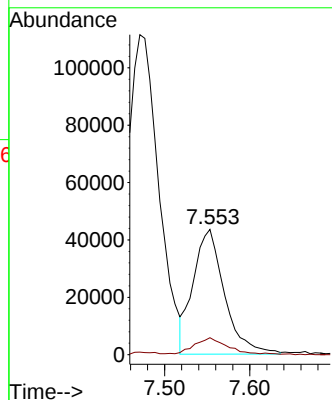
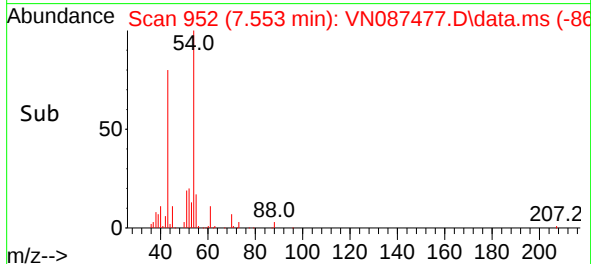
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 43 Resp: 111339
Ion Ratio Lower Upper
43 100
45 14.1 11.1 16.7

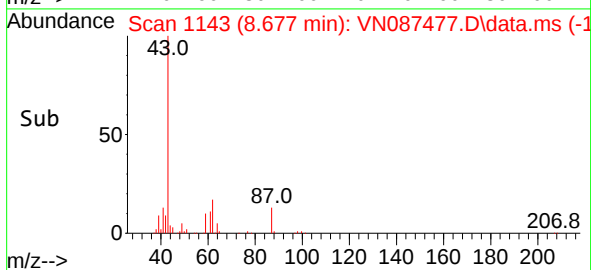
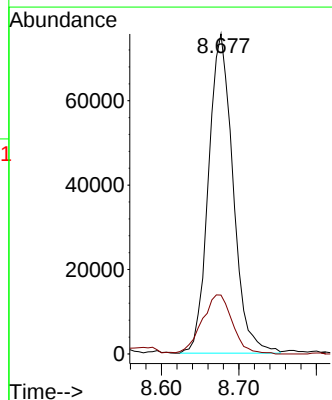
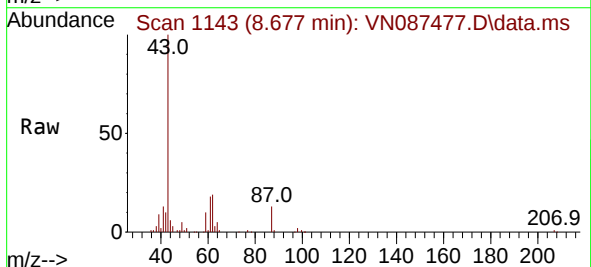
Manual Integrations
APPROVED

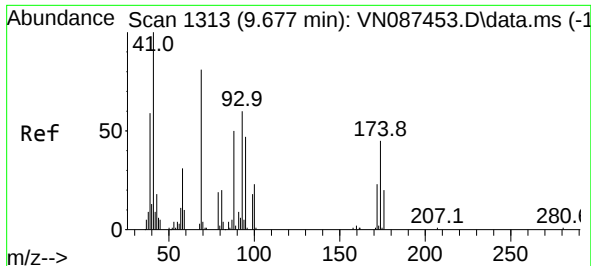
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#44
Isopropyl Acetate
Concen: 18.424 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

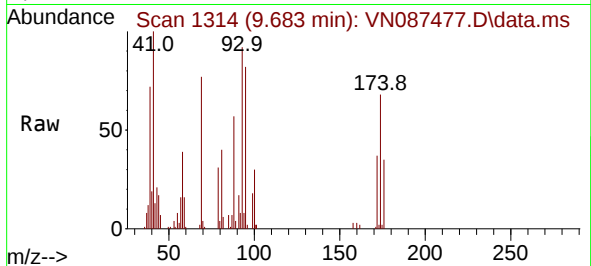
Tgt Ion: 43 Resp: 166411
Ion Ratio Lower Upper
43 100
61 21.7 18.6 28.0





#45
1,4-Dioxane
Concen: 357.886 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

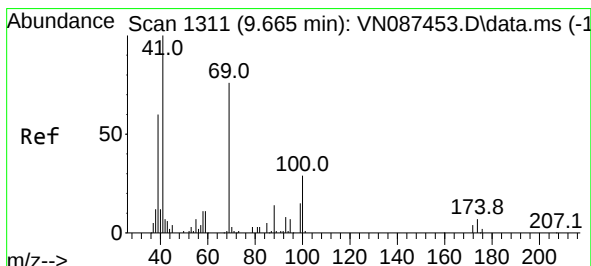
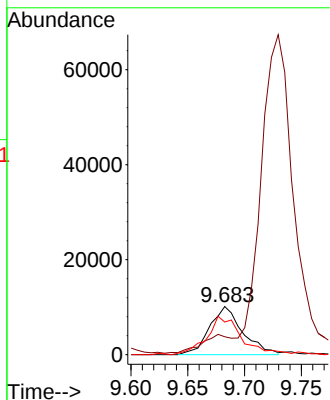
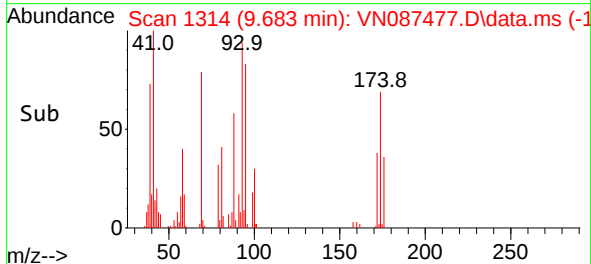
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



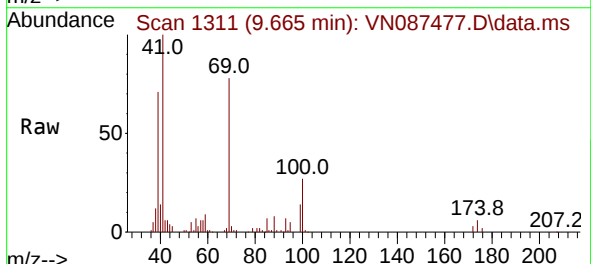
Tgt Ion: 88 Resp: 2060
Ion Ratio Lower Upper
88 100
43 31.7 24.1 36.1
58 78.9 57.2 85.8

Manual Integrations
APPROVED

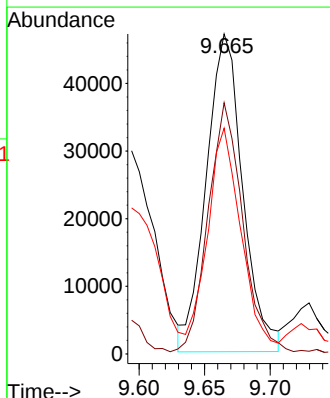
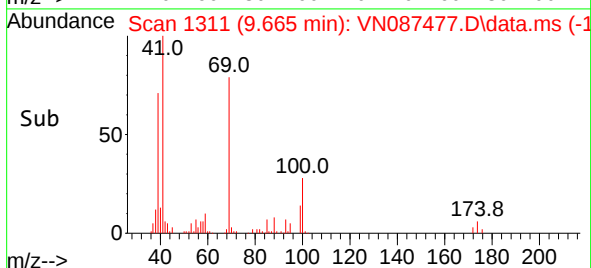
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

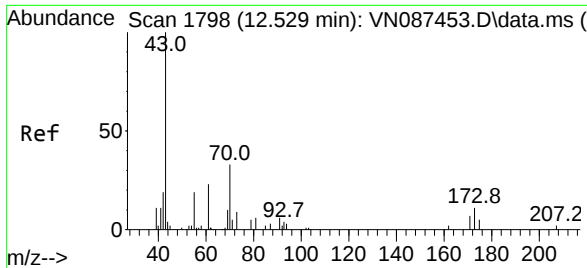


#46
Methyl methacrylate
Concen: 21.303 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



Tgt Ion: 41 Resp: 90825
Ion Ratio Lower Upper
41 100
69 82.8 37.1 111.5
39 72.3 30.7 92.1





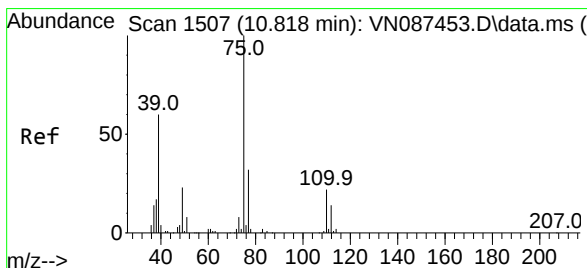
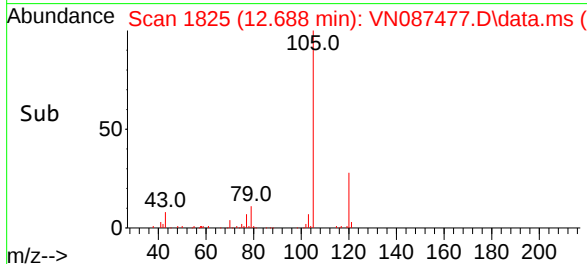
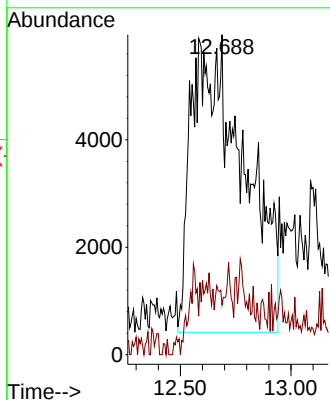
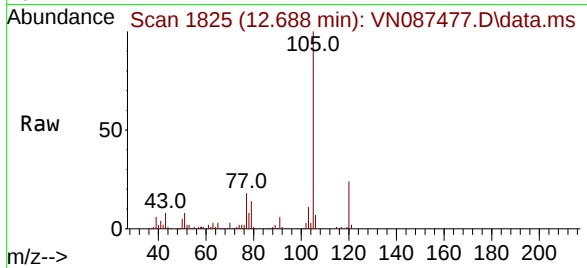
#47
n-amy1 Acetate
Concen: 18.109 ug/l m
RT: 12.688 min Scan# 11
Delta R.T. 0.159 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

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

Tgt Ion: 43 Resp: 9035
Ion Ratio Lower Upper
43 100
55 0.6 4.6 6.8

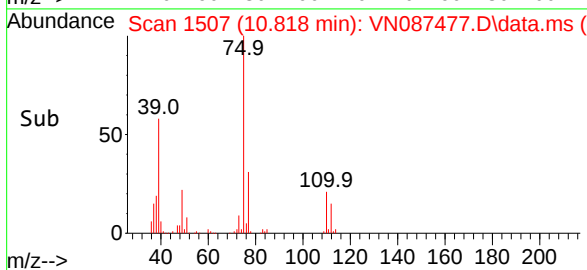
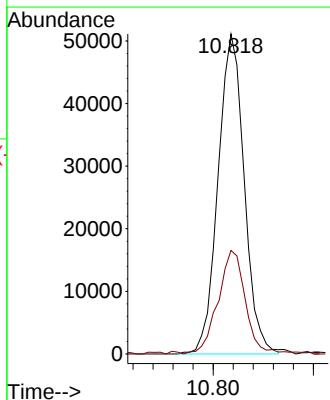
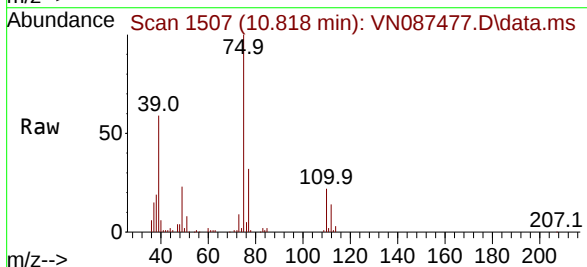
Manual Integrations
APPROVED

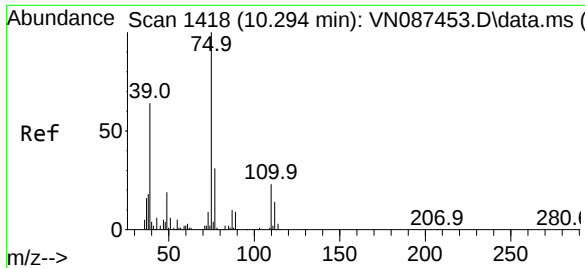
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#48
t-1,3-Dichloropropene
Concen: 18.018 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

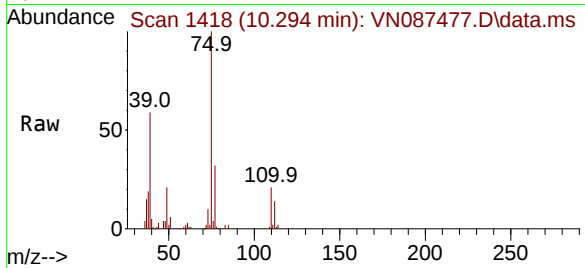
Tgt Ion: 75 Resp: 92552
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 18.755 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

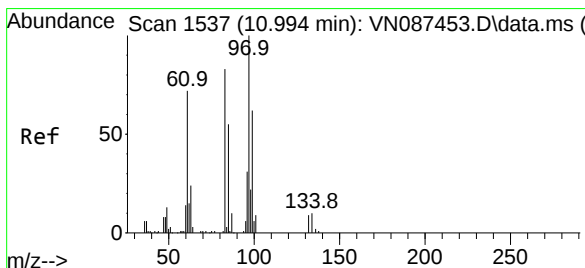
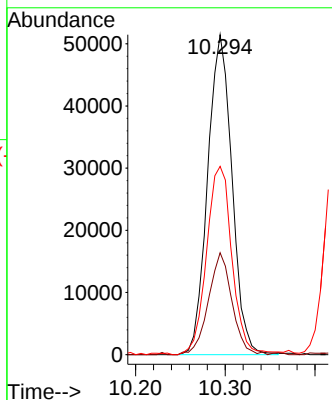
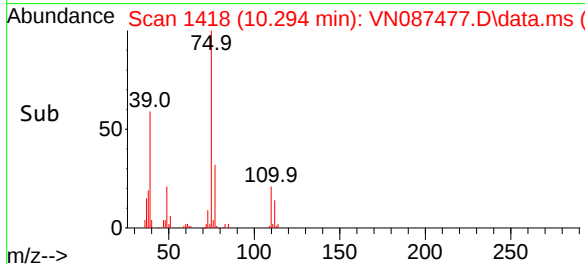
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 75 Resp: 96952
Ion Ratio Lower Upper
75 100
77 31.9 24.6 36.8
39 58.8 51.5 77.3

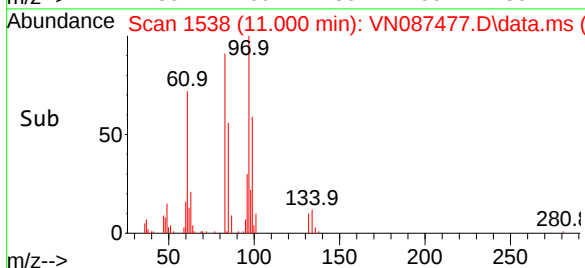
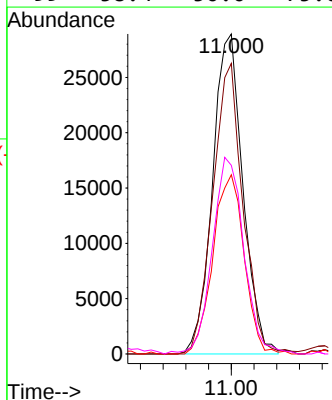
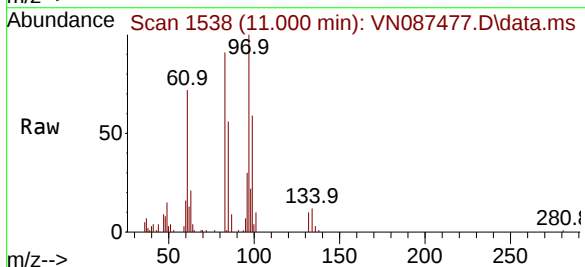
Manual Integrations
APPROVED

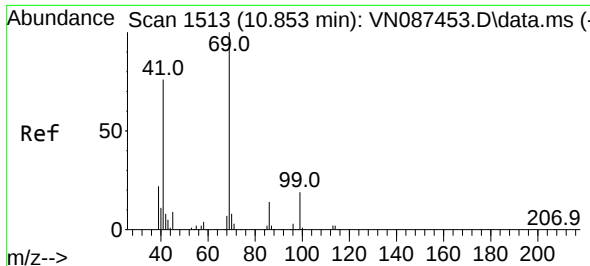
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#50
1,1,2-Trichloroethane
Concen: 18.684 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

Tgt Ion: 97 Resp: 53638
Ion Ratio Lower Upper
97 100
83 90.8 66.2 99.2
85 56.0 43.9 65.9
99 58.4 50.0 75.0





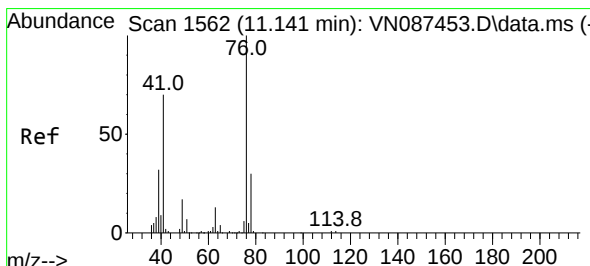
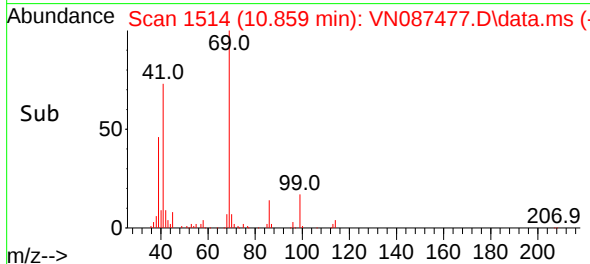
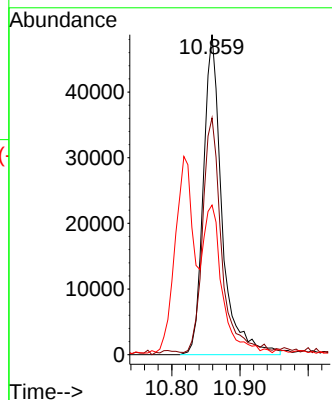
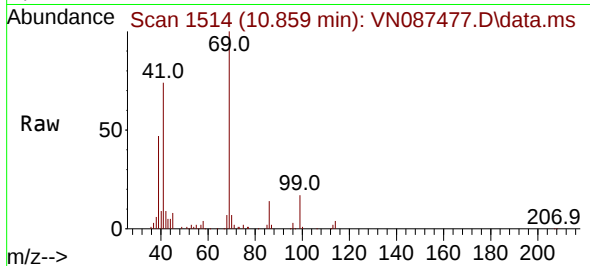
#51
Ethyl methacrylate
Concen: 18.331 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

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

Tgt Ion: 69 Resp: 92678
Ion Ratio Lower Upper
69 100
41 73.2 38.0 114.1
39 45.3 23.2 69.5

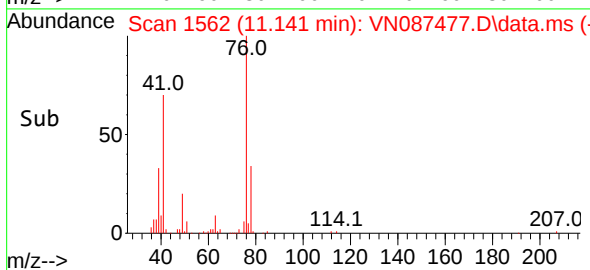
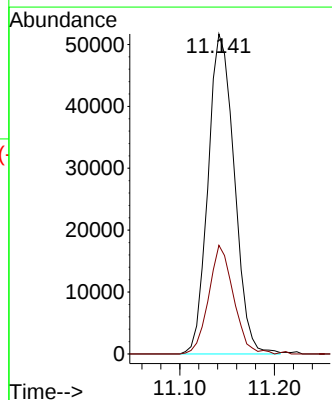
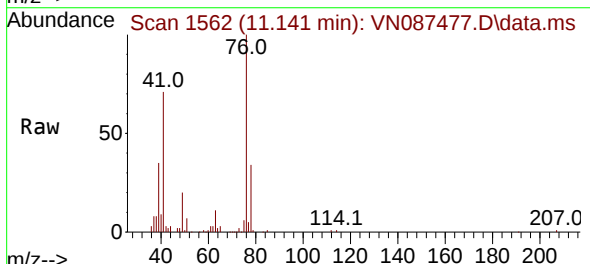
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#52
1,3-Dichloropropane
Concen: 19.240 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

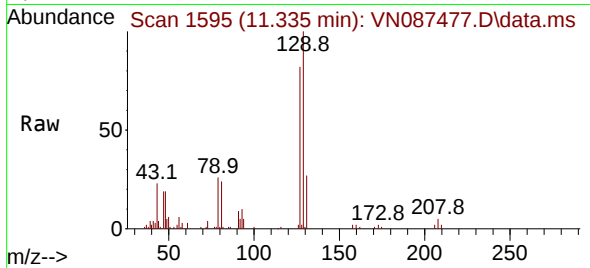
Tgt Ion: 76 Resp: 99513
Ion Ratio Lower Upper
76 100
78 31.8 0.0 63.0





#53
Dibromochloromethane
Concen: 18.827 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

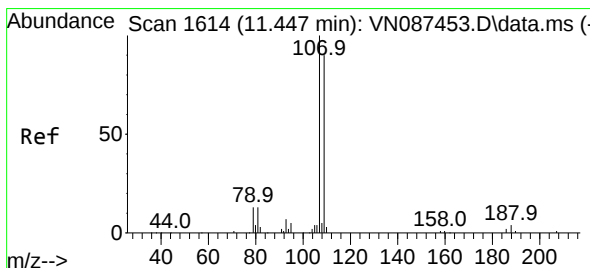
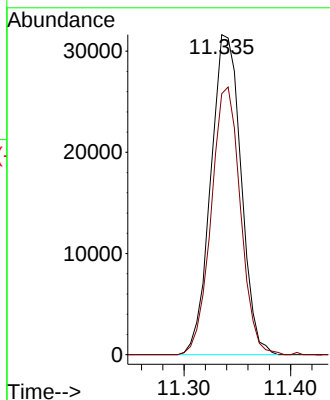
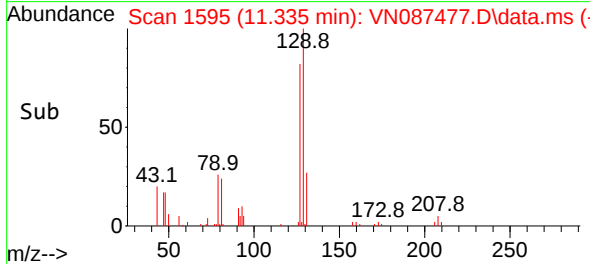
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(AUG)MS



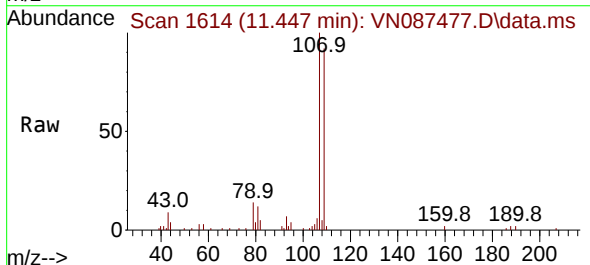
Tgt Ion:129 Resp: 62418
Ion Ratio Lower Upper
129 100
127 80.6 39.1 117.3

Manual Integrations
APPROVED

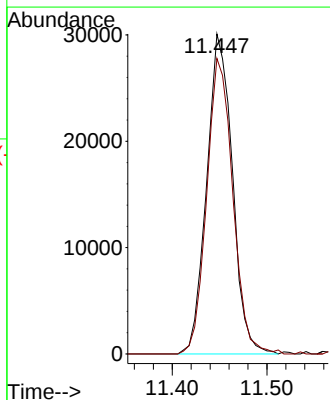
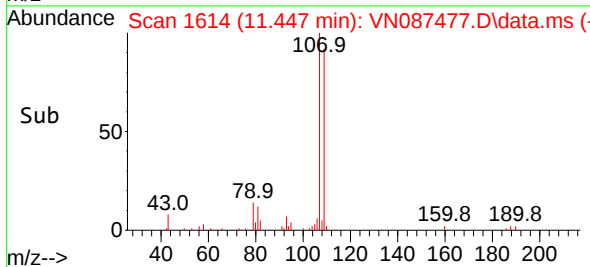
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

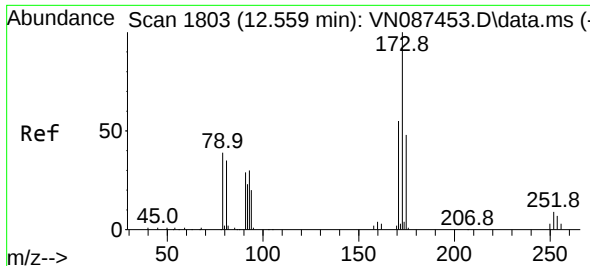


#54
1,2-Dibromoethane
Concen: 18.633 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



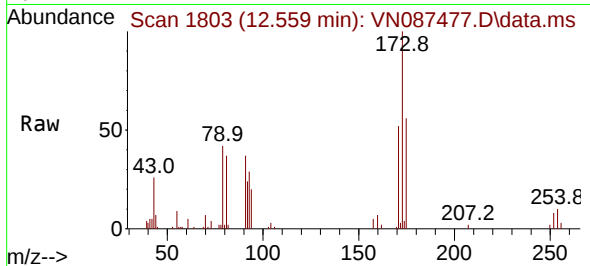
Tgt Ion:107 Resp: 56784
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.4





#56
Bromoform
Concen: 17.164 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

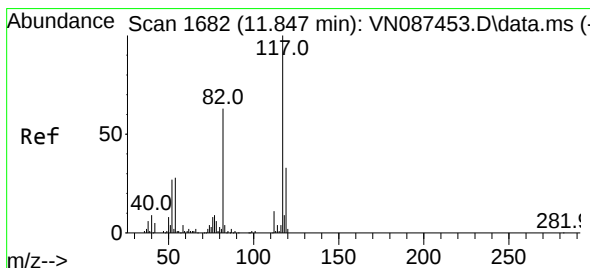
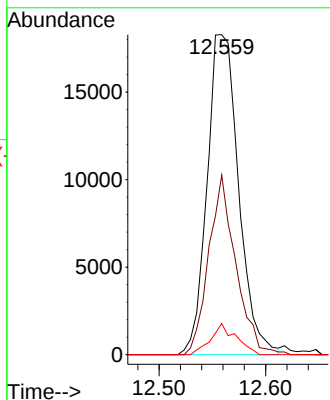
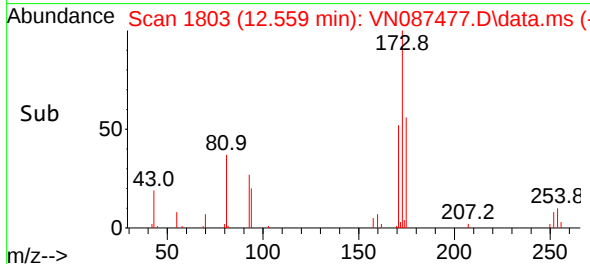
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion:173 Resp: 37640
Ion Ratio Lower Upper
173 100
175 47.7 38.8 58.2
254 7.8 3.9 5.9

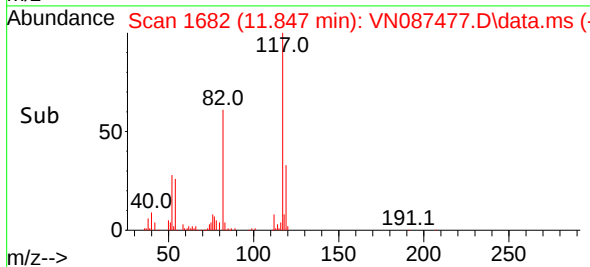
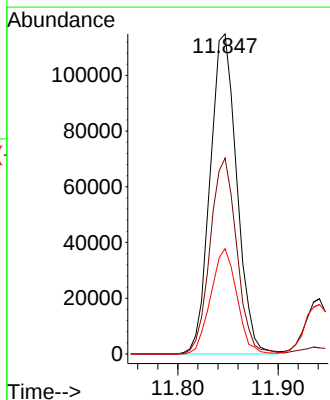
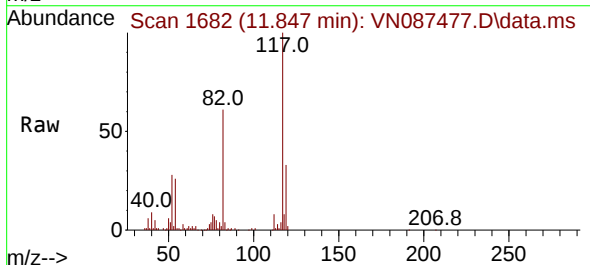
Manual Integrations
APPROVED

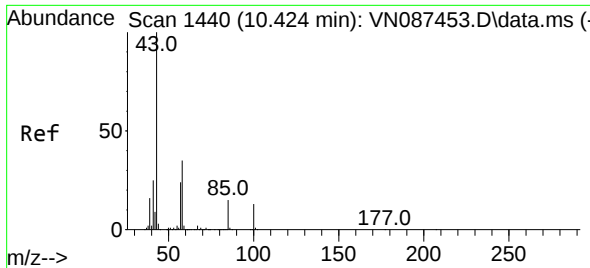
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

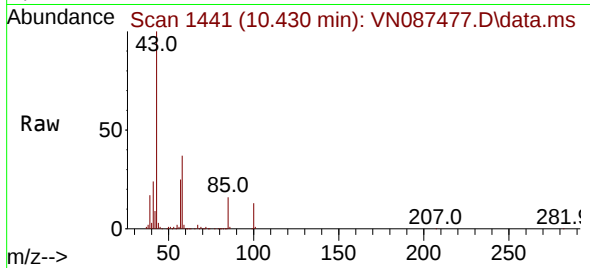
Tgt Ion:117 Resp: 212461
Ion Ratio Lower Upper
117 100
82 60.9 49.2 73.8
119 32.2 25.7 38.5





#58
4-Methyl-2-Pentanone
Concen: 93.459 ug/l
RT: 10.430 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

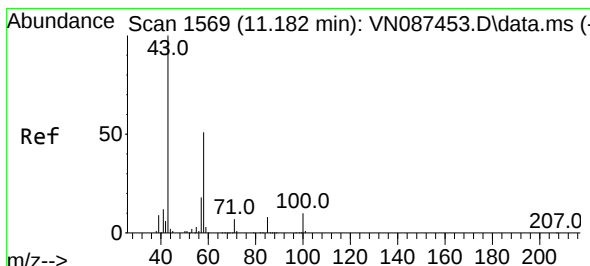
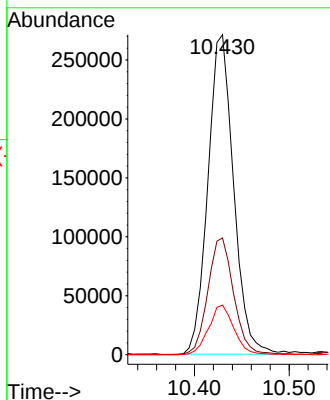
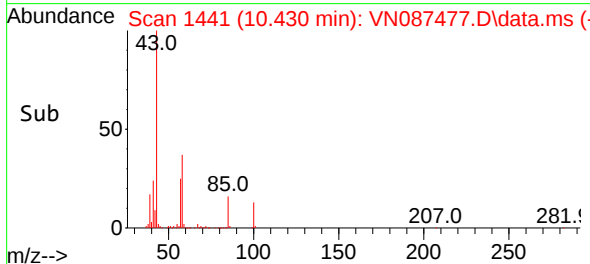
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



Tgt Ion: 43 Resp: 510800
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6
85 15.3 12.7 19.1

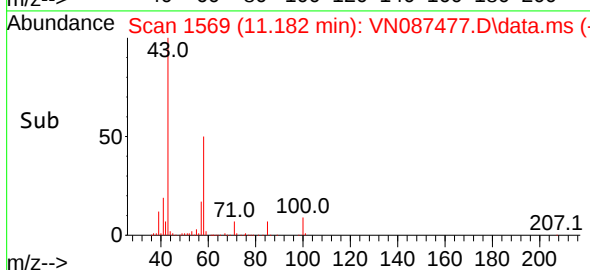
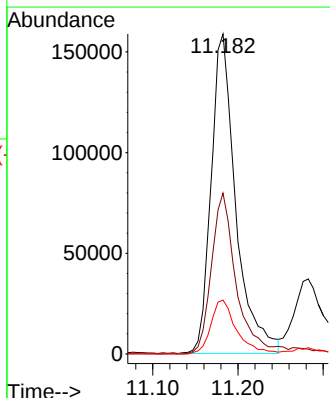
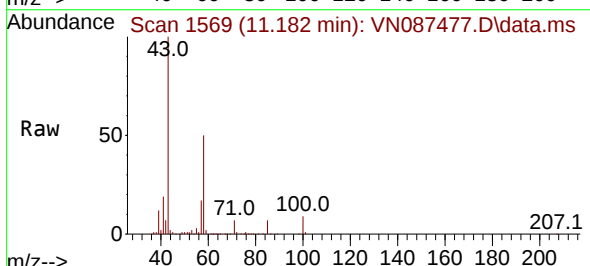
Manual Integrations
APPROVED

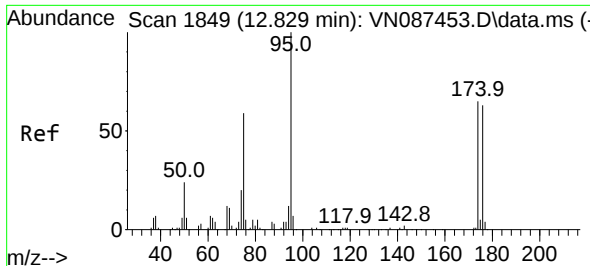
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#59
2-Hexanone
Concen: 85.993 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

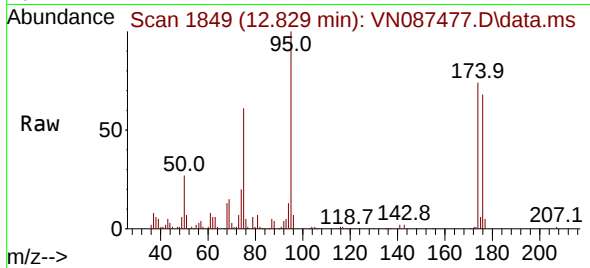
Tgt Ion: 43 Resp: 319340
Ion Ratio Lower Upper
43 100
58 49.3 41.0 61.6
57 17.6 14.6 21.8





#60
4-Bromofluorobenzene
Concen: 28.930 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

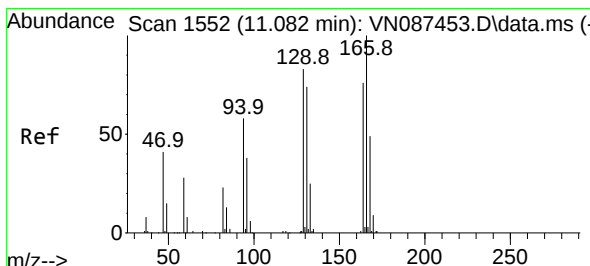
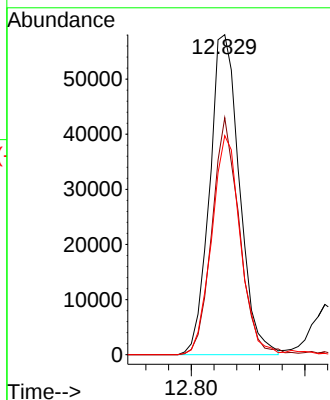
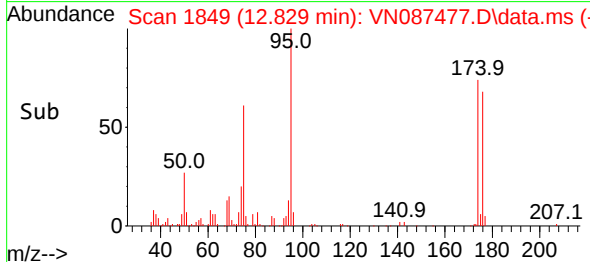
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



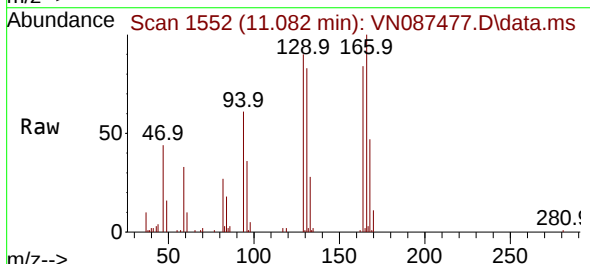
Tgt Ion: 95 Resp: 105778
Ion Ratio Lower Upper
95 100
174 67.3 52.3 78.5
176 66.2 49.8 74.8

Manual Integrations
APPROVED

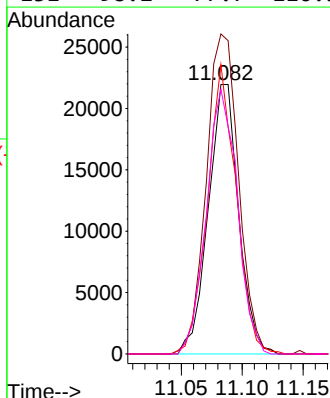
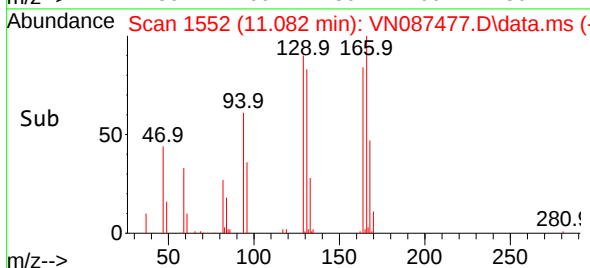
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

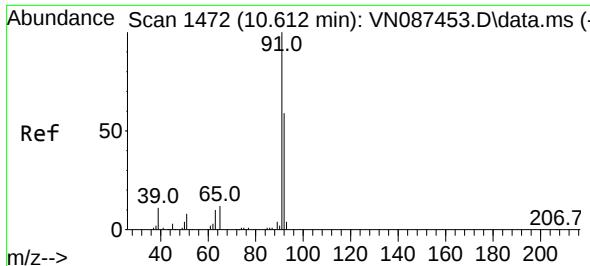


#61
Tetrachloroethene
Concen: 18.387 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



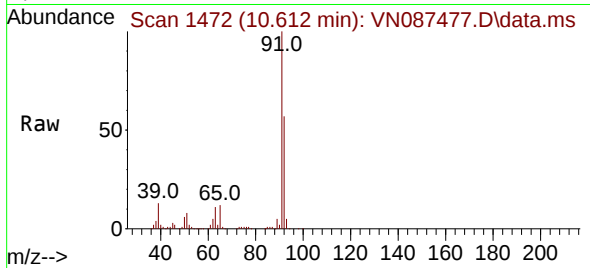
Tgt Ion:164 Resp: 38059
Ion Ratio Lower Upper
164 100
166 118.8 105.4 158.0
129 106.6 87.7 131.5
131 98.2 77.7 116.5





#62
Toluene
Concen: 25.309 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

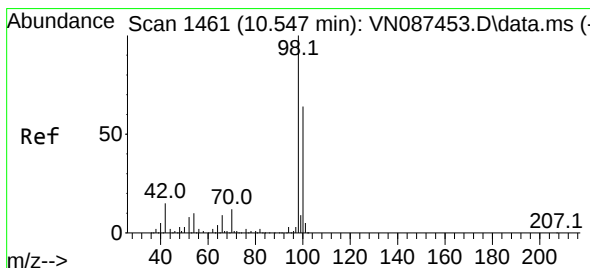
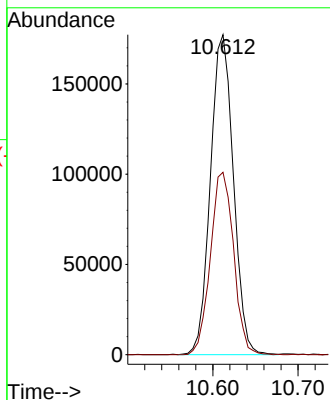
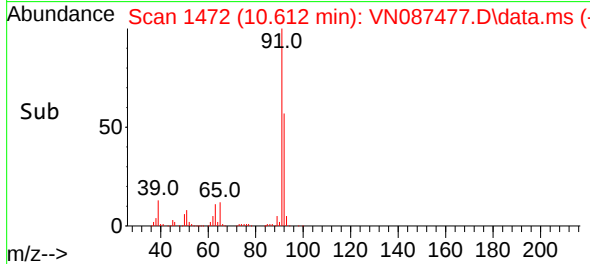
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



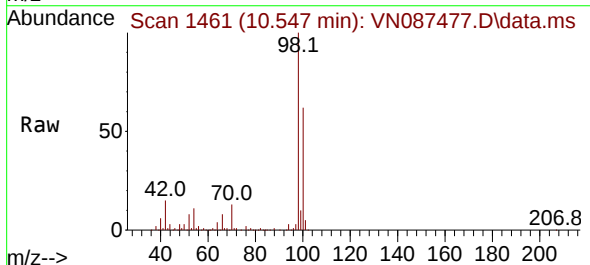
Tgt Ion: 91 Resp: 33188
Ion Ratio Lower Upper
91 100
92 57.6 45.8 68.6

Manual Integrations
APPROVED

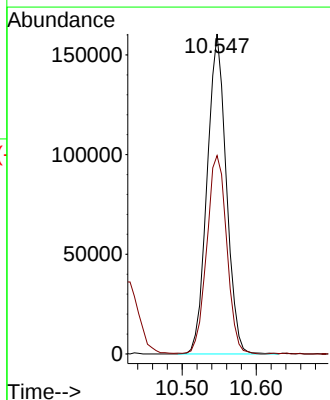
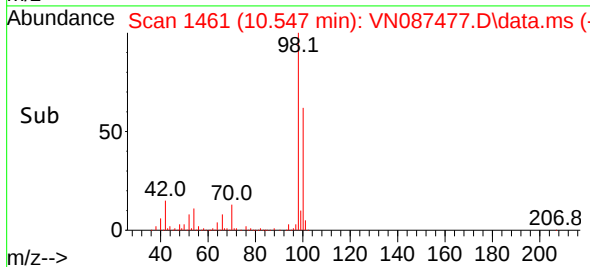
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

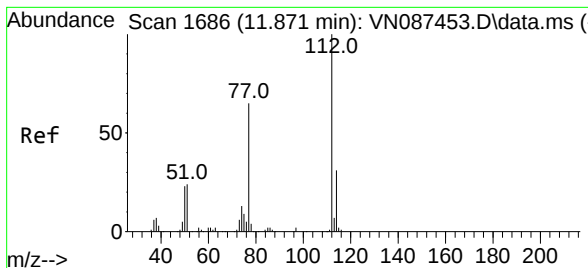


#63
Toluene-d8
Concen: 29.460 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



Tgt Ion: 98 Resp: 287995
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7





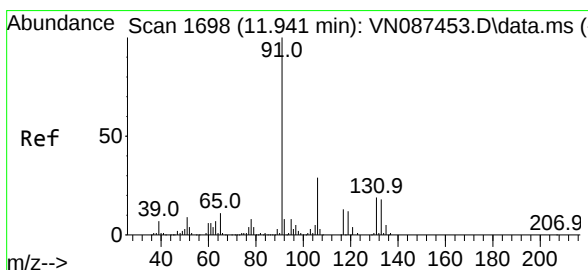
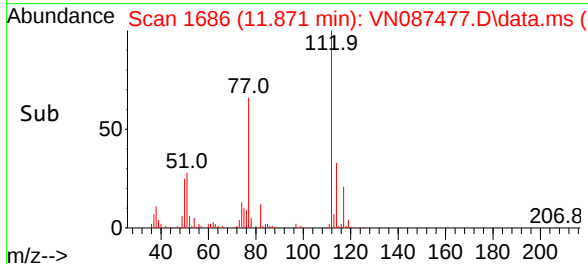
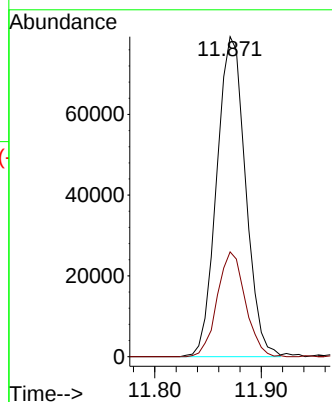
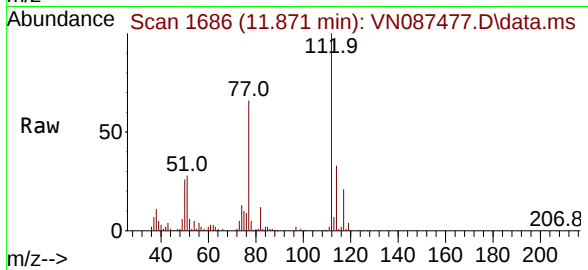
#64
Chlorobenzene
Concen: 18.476 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

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

Tgt Ion:112 Resp: 14887
Ion Ratio Lower Upper
112 100
114 32.7 24.7 37.1

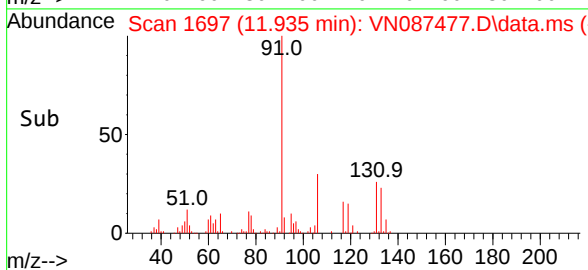
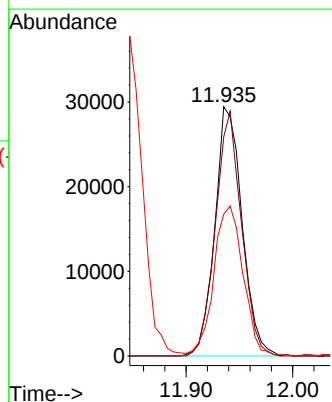
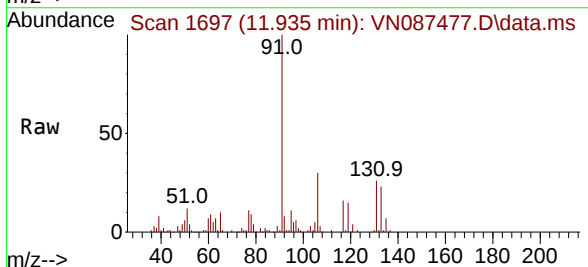
Manual Integrations
APPROVED

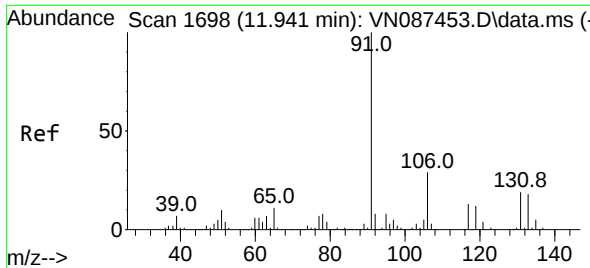
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#65
1,1,1,2-Tetrachloroethane
Concen: 18.449 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

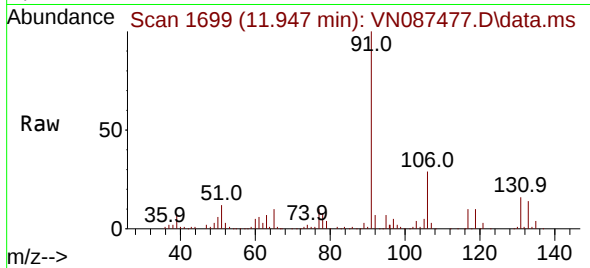
Tgt Ion:131 Resp: 52266
Ion Ratio Lower Upper
131 100
133 93.8 0.0 189.8
119 64.7 0.0 133.2





#66
Ethyl Benzene
Concen: 17.800 ug/l
RT: 11.947 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

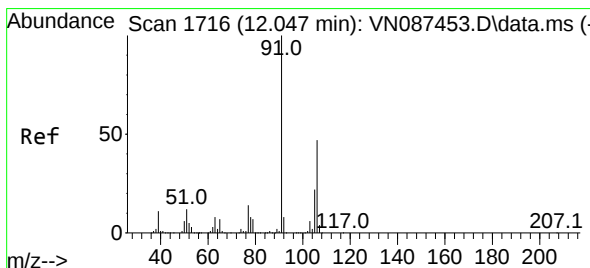
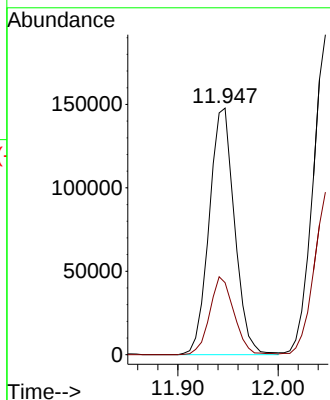
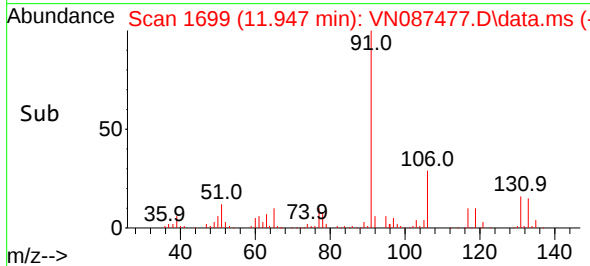
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



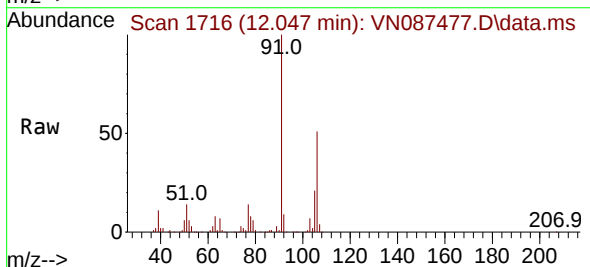
Tgt Ion: 91 Resp: 260164
Ion Ratio Lower Upper
91 100
106 29.2 22.9 34.3

Manual Integrations
APPROVED

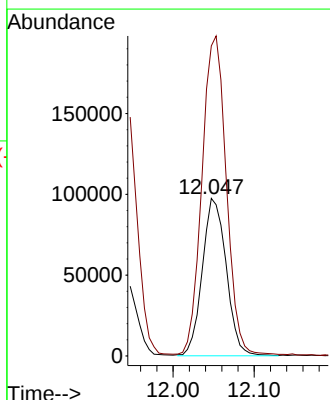
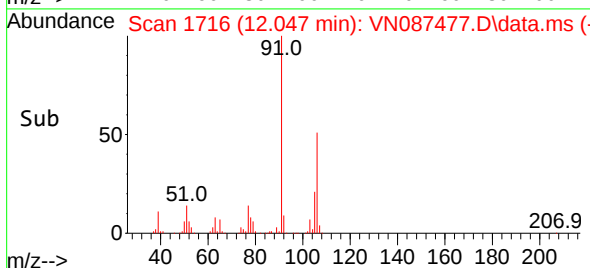
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

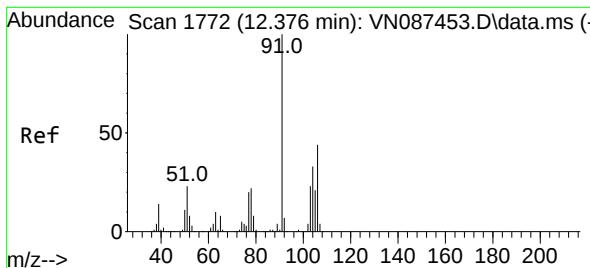


#67
m/p-Xylenes
Concen: 37.206 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



Tgt Ion:106 Resp: 199607
Ion Ratio Lower Upper
106 100
91 207.1 174.2 261.2





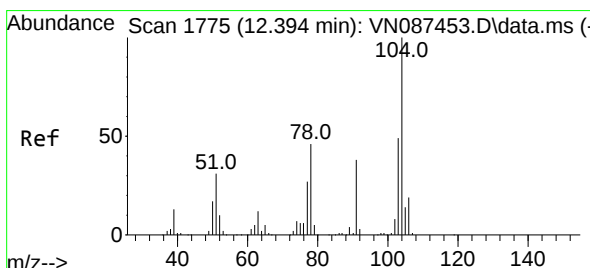
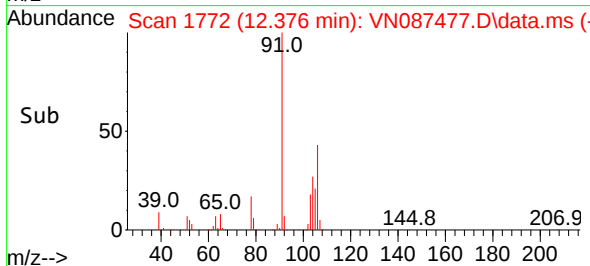
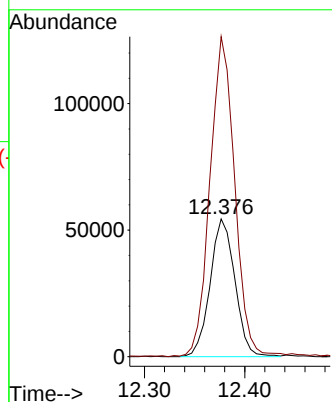
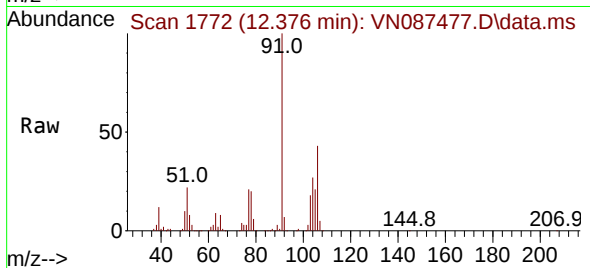
#68
o-Xylene
Concen: 17.733 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

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

Tgt Ion:106 Resp: 93598
Ion Ratio Lower Upper
106 100
91 232.1 114.5 343.5

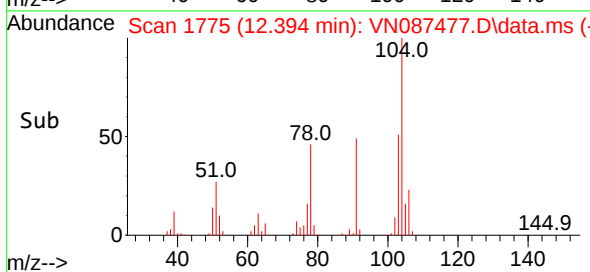
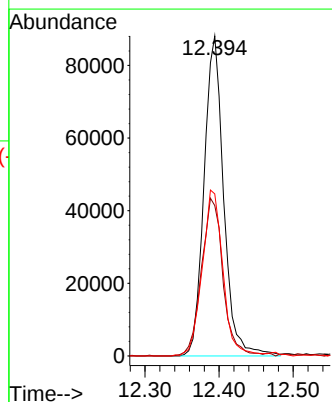
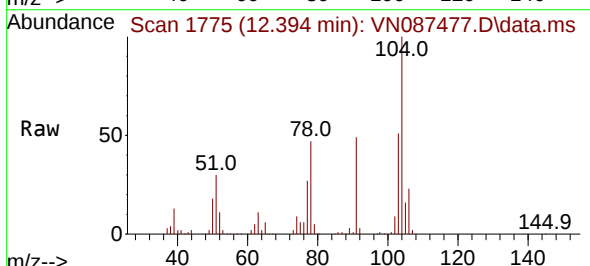
Manual Integrations
APPROVED

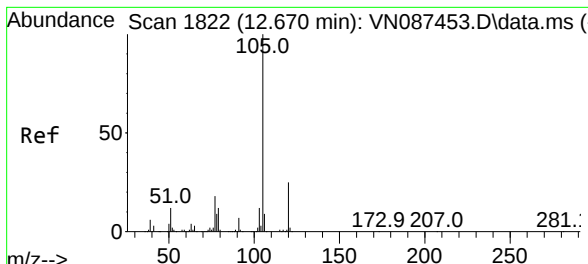
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#69
Styrene
Concen: 18.005 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

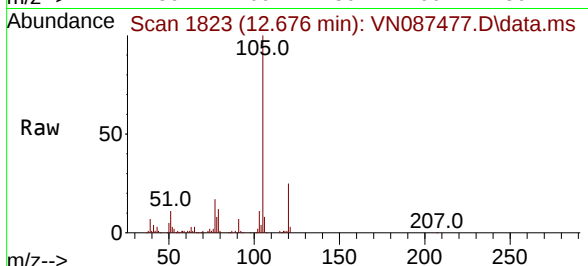
Tgt Ion:104 Resp: 162262
Ion Ratio Lower Upper
104 100
78 53.7 43.8 65.8
103 54.8 43.1 64.7





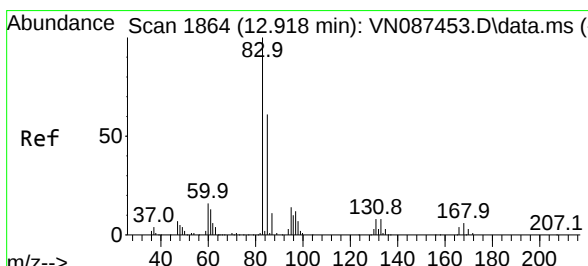
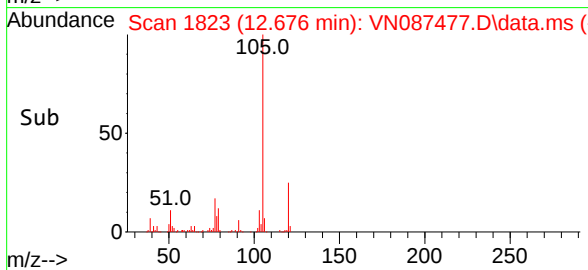
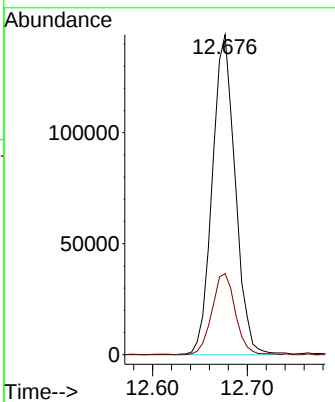
#70
Isopropylbenzene
Concen: 18.069 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

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



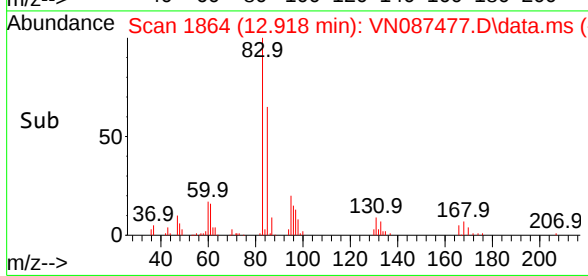
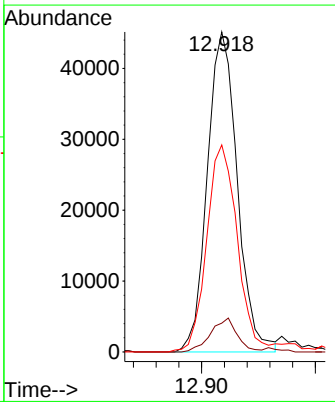
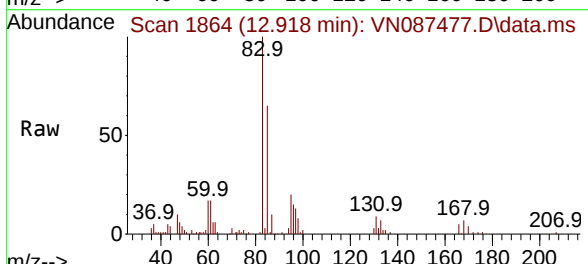
Tgt Ion: 105 Resp: 24229
Ion Ratio Lower Upper
105 100
120 25.7 17.5 32.5

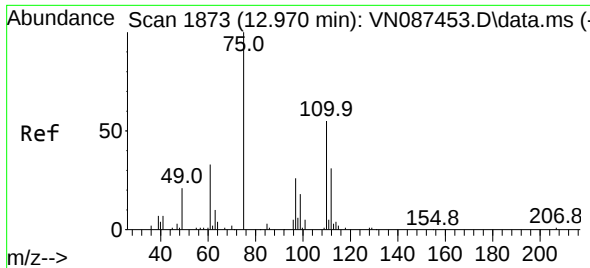
Manual Integrations
APPROVED
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#71
1,1,2,2-Tetrachloroethane
Concen: 18.026 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

Tgt Ion: 83 Resp: 82821
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 65.6 31.7 95.1





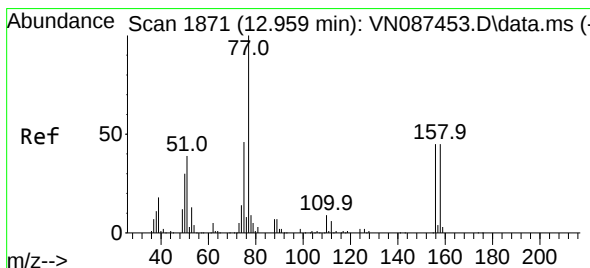
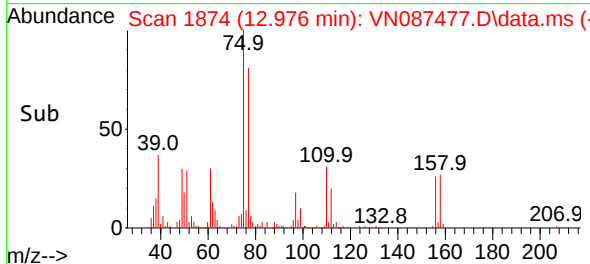
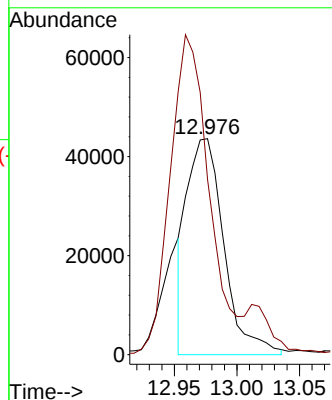
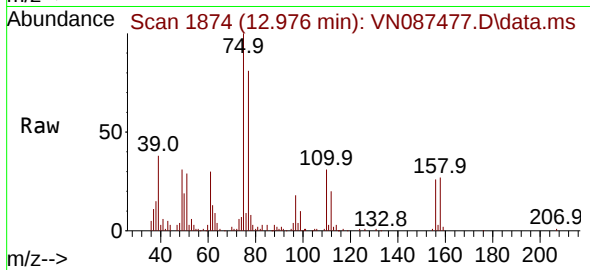
#72
1,2,3-Trichloropropane
Concen: 20.937 ug/l m
RT: 12.976 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

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

Tgt Ion: 75 Resp: 8961
Ion Ratio Lower Upper
75 100
77 153.4 0.0 385.0

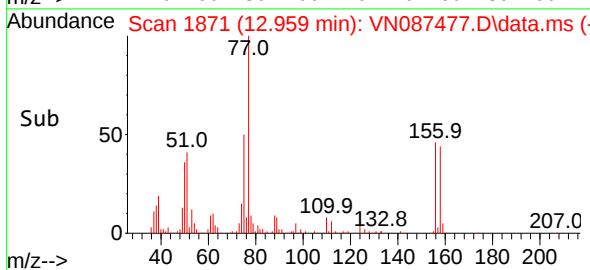
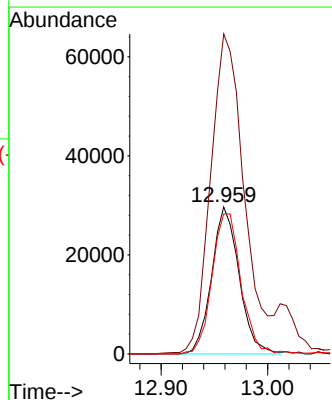
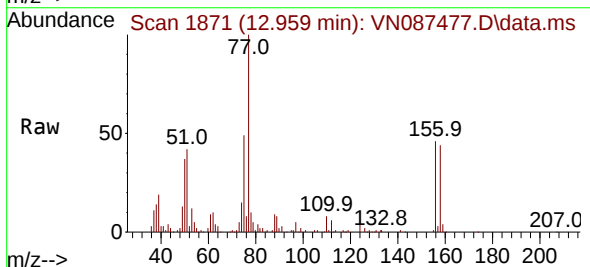
Manual Integrations
APPROVED

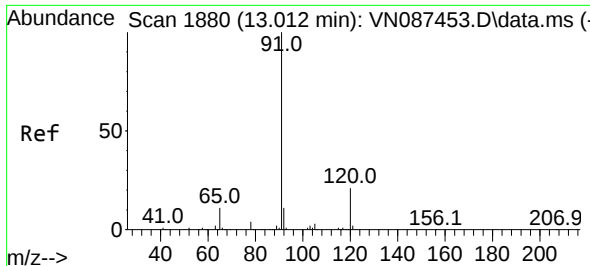
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#73
Bromobenzene
Concen: 17.084 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

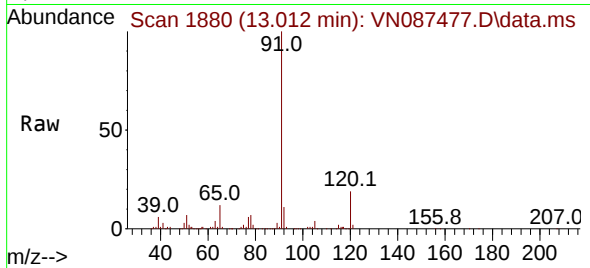
Tgt Ion:156 Resp: 53105
Ion Ratio Lower Upper
156 100
77 258.8 0.0 506.6
158 100.1 0.0 193.6





#74
n-propylbenzene
Concen: 17.953 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

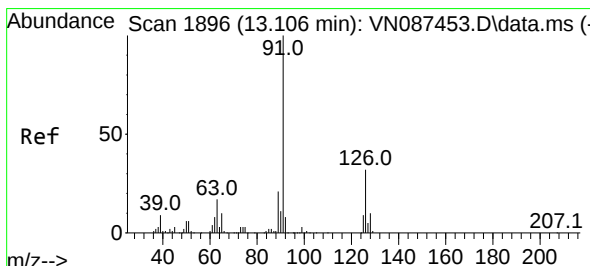
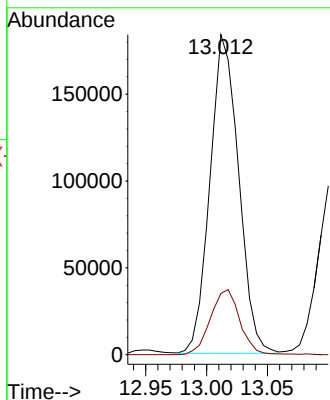
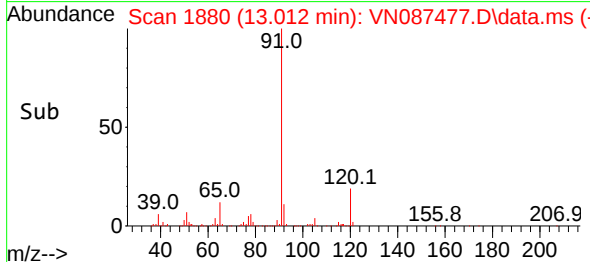
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



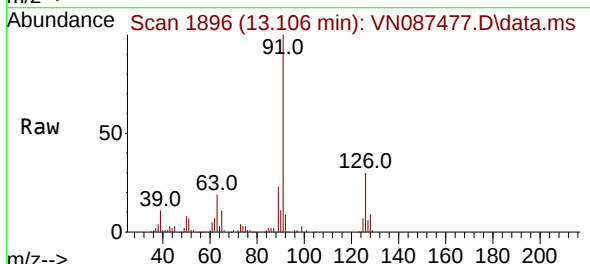
Tgt Ion: 91 Resp: 300644
Ion Ratio Lower Upper
91 100
120 20.9 0.0 41.8

Manual Integrations
APPROVED

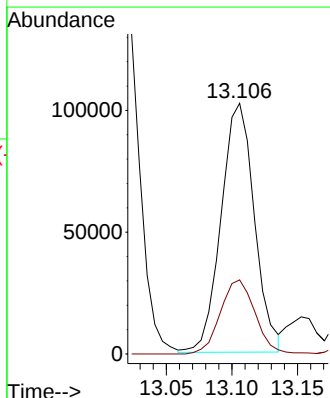
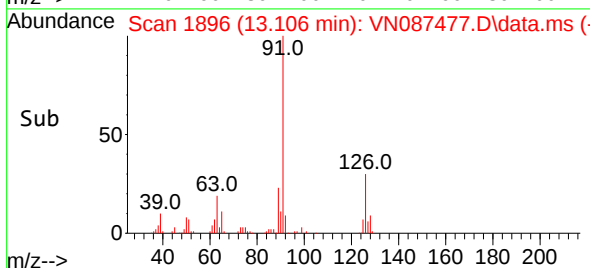
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

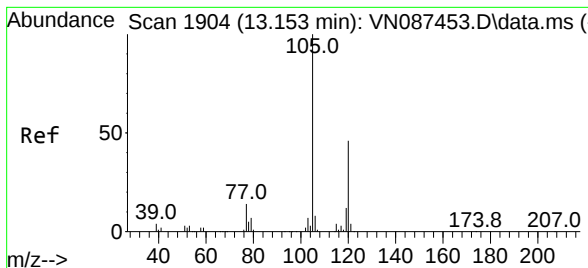


#75
2-Chlorotoluene
Concen: 17.559 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



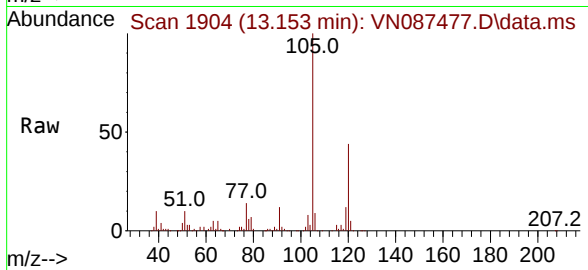
Tgt Ion: 91 Resp: 180876
Ion Ratio Lower Upper
91 100
126 30.9 0.0 60.4





#76
1,3,5-Trimethylbenzene
Concen: 17.841 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

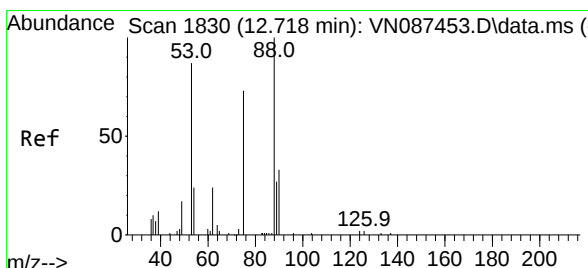
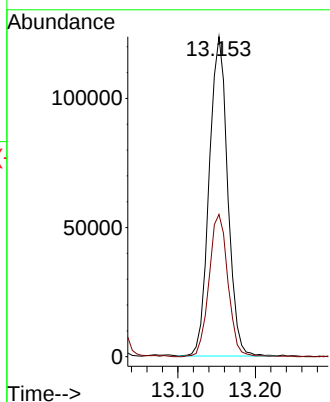
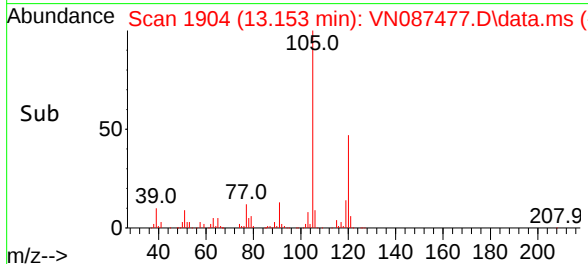
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



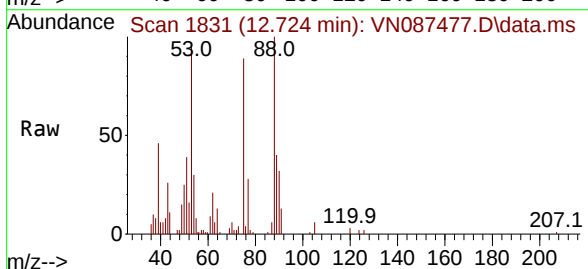
Tgt Ion:105 Resp: 20483
Ion Ratio Lower Upper
105 100
120 45.3 0.0 91.2

Manual Integrations
APPROVED

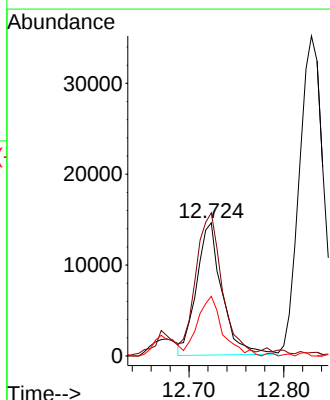
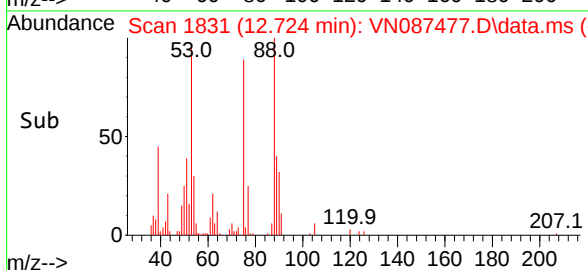
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

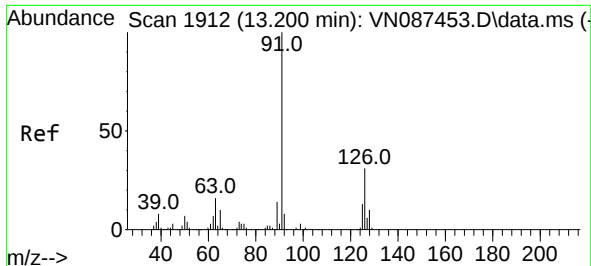


#77
t-1,4-Dichloro-2-butene
Concen: 16.788 ug/l
RT: 12.724 min Scan# 1831
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



Tgt Ion: 75 Resp: 27200
Ion Ratio Lower Upper
75 100
53 105.6 59.0 176.8
89 45.9 22.1 66.5





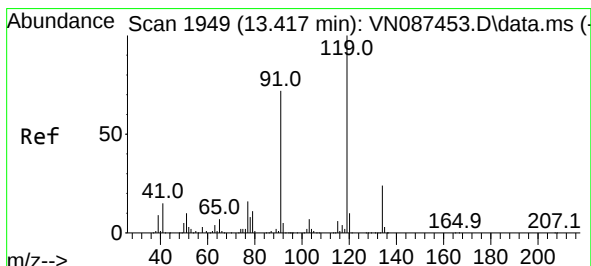
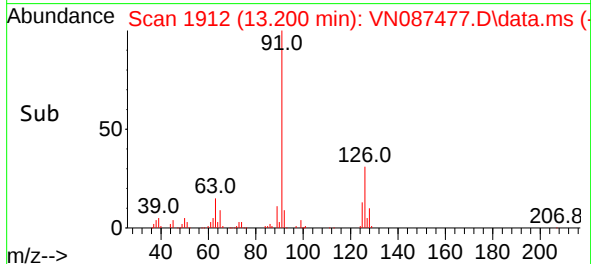
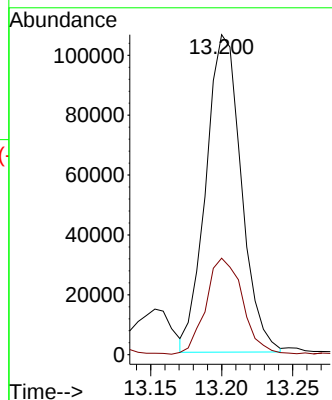
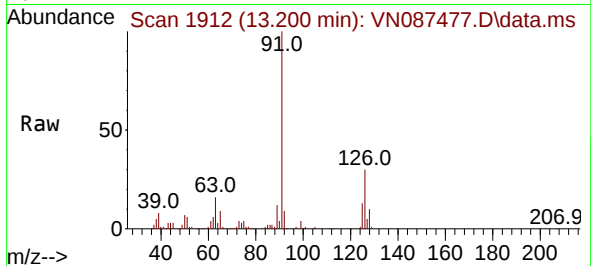
#78
4-Chlorotoluene
Concen: 17.620 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

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

Tgt Ion: 91 Resp: 18394
Ion Ratio Lower Upper
91 100
126 31.7 0.0 63.2

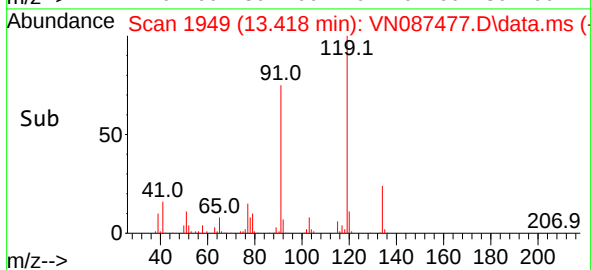
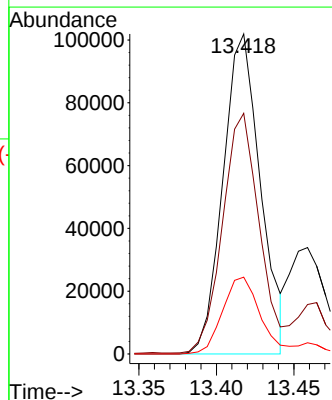
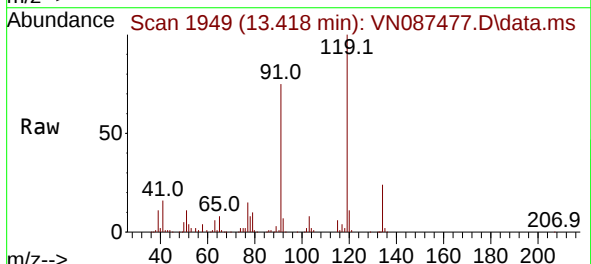
Manual Integrations
APPROVED

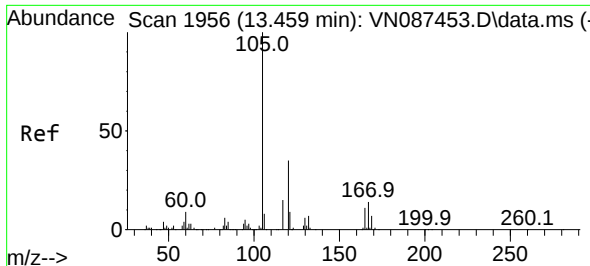
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025



#79
tert-butylbenzene
Concen: 17.694 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

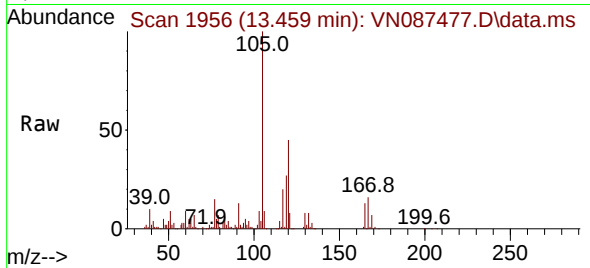
Tgt Ion:119 Resp: 171280
Ion Ratio Lower Upper
119 100
91 72.9 0.0 141.6
134 24.1 0.0 45.6





#80
1,2,4-Trimethylbenzene
Concen: 18.032 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

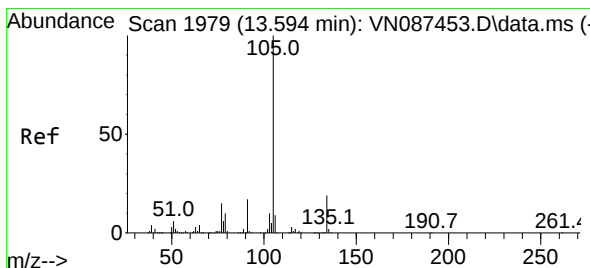
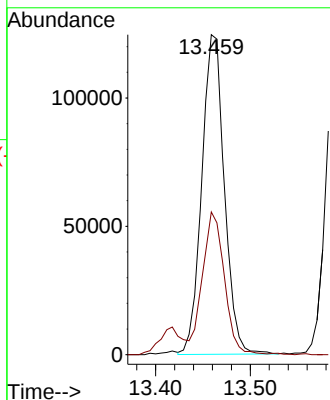
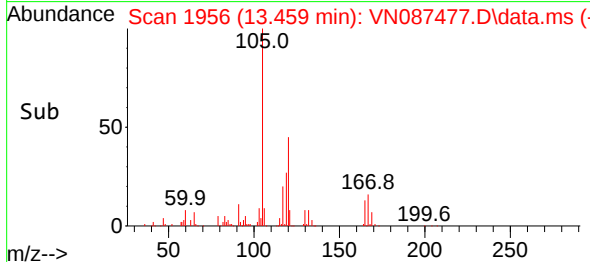
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



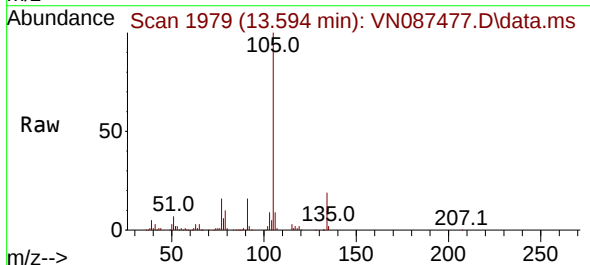
Tgt Ion:105 Resp: 206864
Ion Ratio Lower Upper
105 100
120 42.7 0.0 87.2

Manual Integrations
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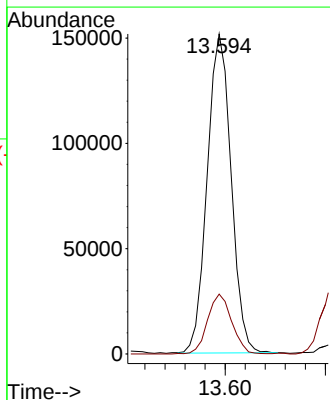
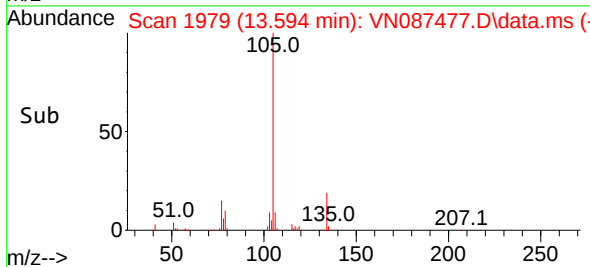
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

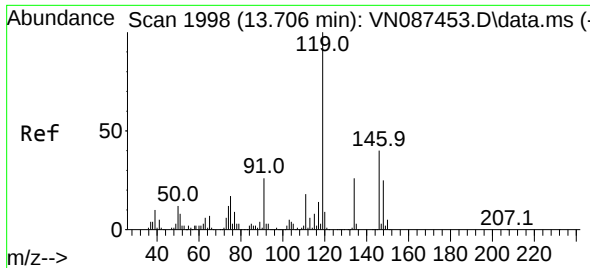


#81
sec-Butylbenzene
Concen: 17.854 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



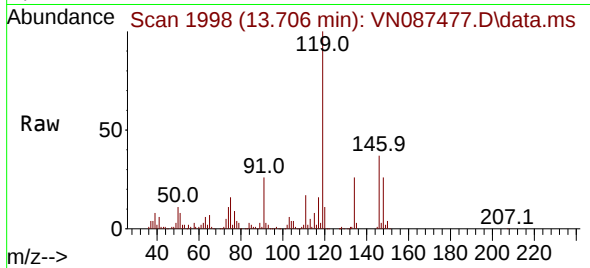
Tgt Ion:105 Resp: 251600
Ion Ratio Lower Upper
105 100
134 18.9 0.0 37.6





#82
p-Isopropyltoluene
Concen: 17.922 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

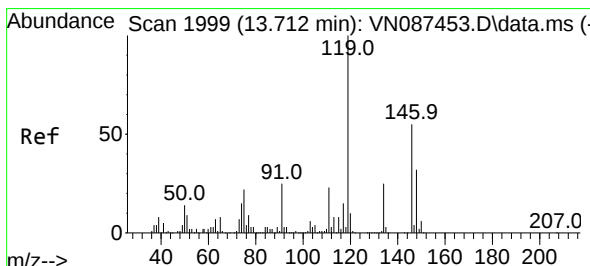
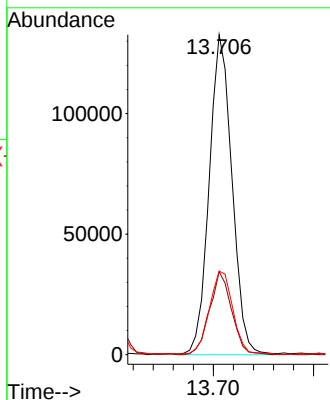
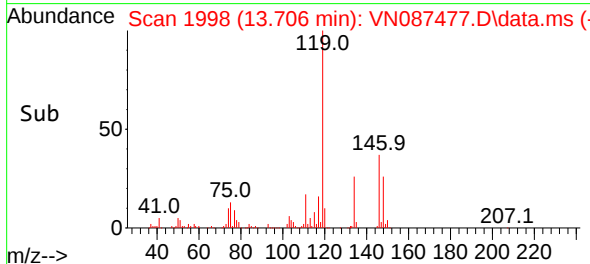
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



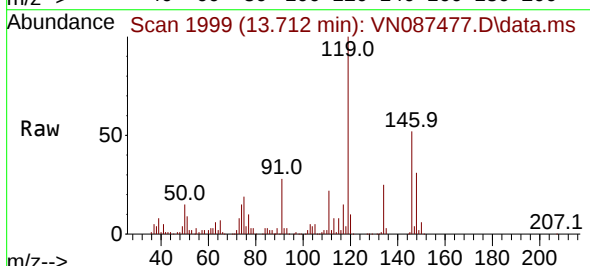
Tgt Ion:119 Resp: 209690
Ion Ratio Lower Upper
119 100
134 25.1 0.0 51.4
91 27.0 0.0 52.0

Manual Integrations
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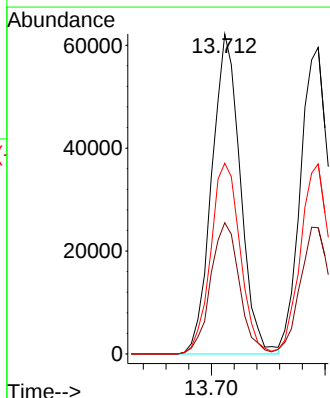
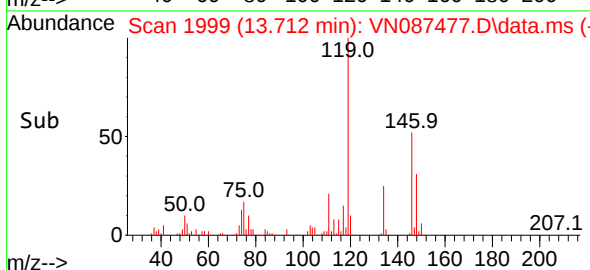
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

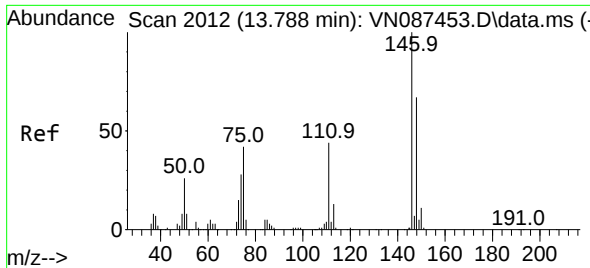


#83
1,3-Dichlorobenzene
Concen: 18.332 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



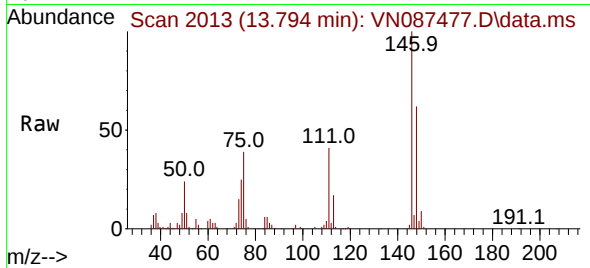
Tgt Ion:146 Resp: 108511
Ion Ratio Lower Upper
146 100
111 41.4 21.9 65.5
148 61.3 31.3 93.9





#84
1,4-Dichlorobenzene
Concen: 17.984 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

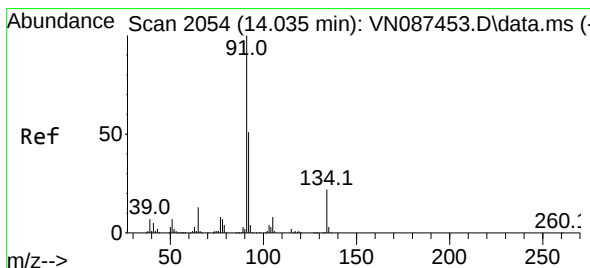
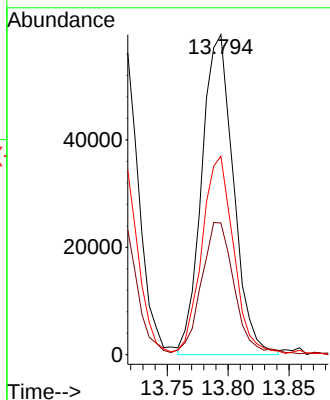
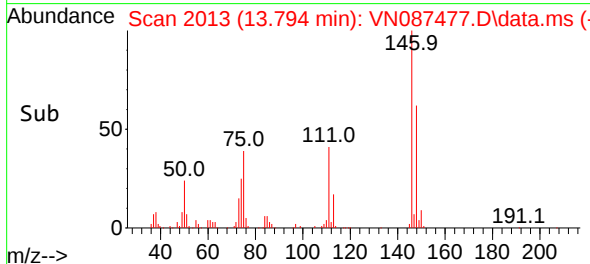
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



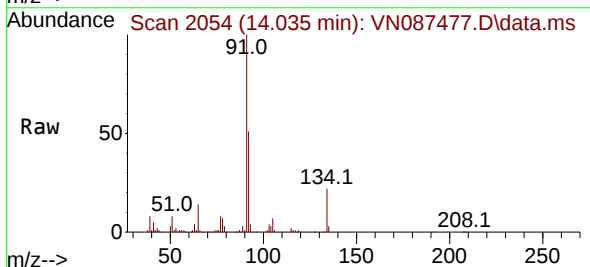
Tgt Ion:146 Resp: 107924
Ion Ratio Lower Upper
146 100
111 40.5 21.1 63.1
148 62.3 31.4 94.3

Manual Integrations
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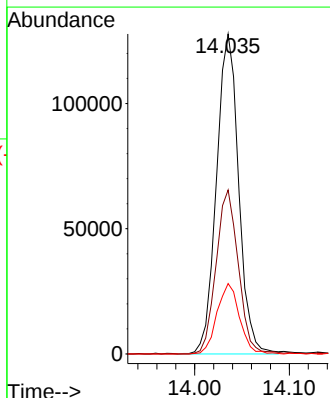
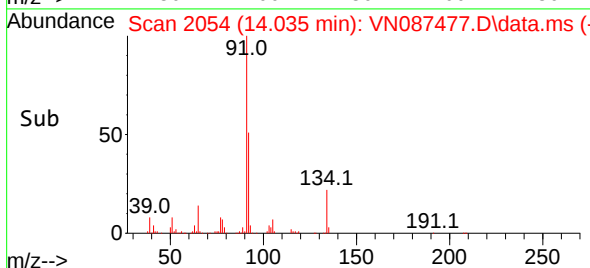
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

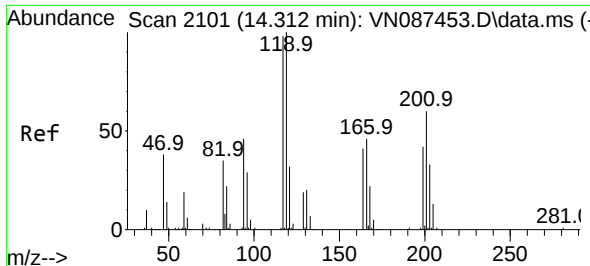


#85
n-Butylbenzene
Concen: 18.198 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



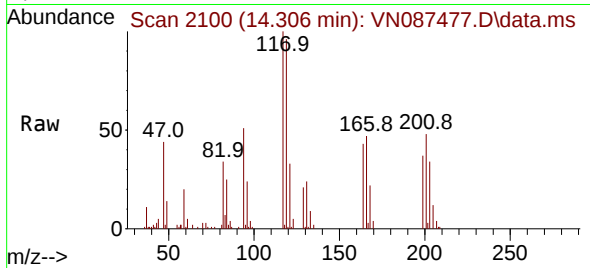
Tgt Ion: 91 Resp: 208324
Ion Ratio Lower Upper
91 100
92 51.0 0.0 106.6
134 22.2 0.0 44.4





#86
Hexachloroethane
Concen: 17.061 ug/l
RT: 14.306 min Scan# 2101
Delta R.T. -0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

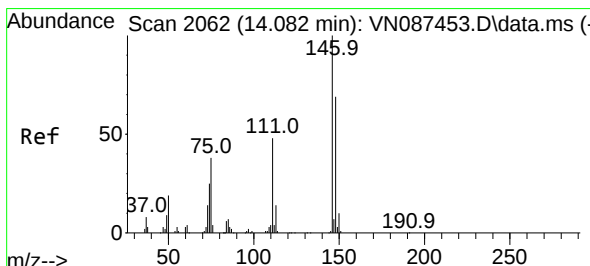
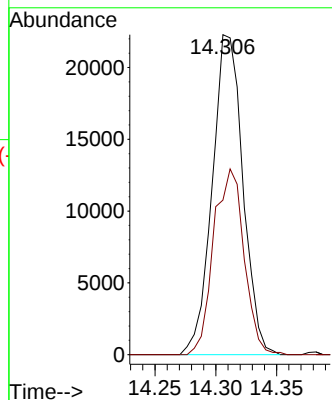
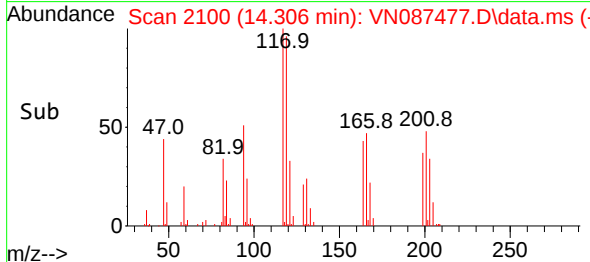
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(AUG)MS



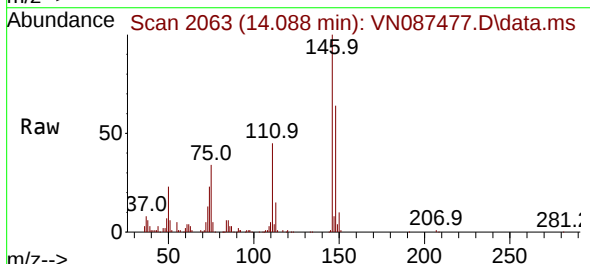
Tgt Ion:117 Resp: 3898
Ion Ratio Lower Upper
117 100
201 57.6 29.1 87.4

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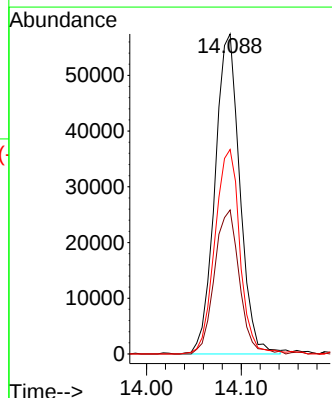
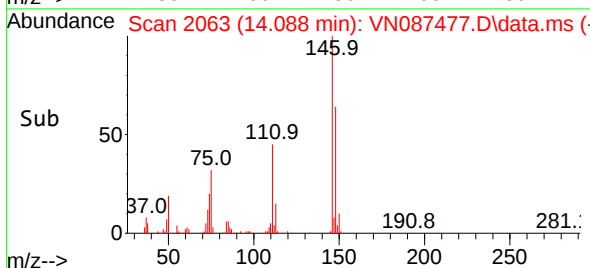
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

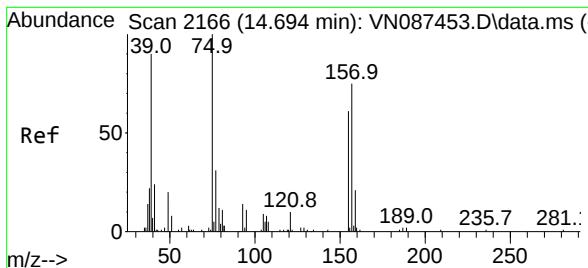


#87
1,2-Dichlorobenzene
Concen: 18.532 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



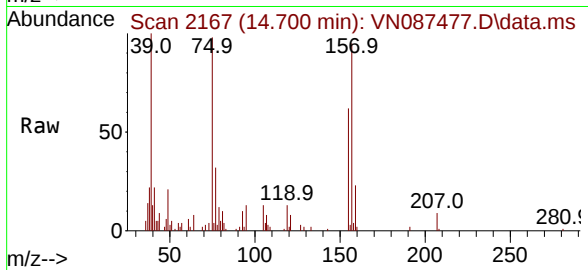
Tgt Ion:146 Resp: 104708
Ion Ratio Lower Upper
146 100
111 45.1 22.9 68.7
148 64.3 31.6 94.7





#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.227 ug/l
 RT: 14.700 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: VN087477.D
 Acq: 06 Aug 2025 13:17

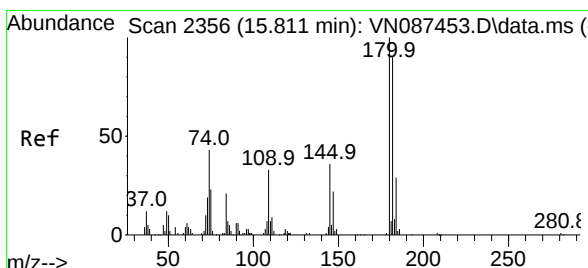
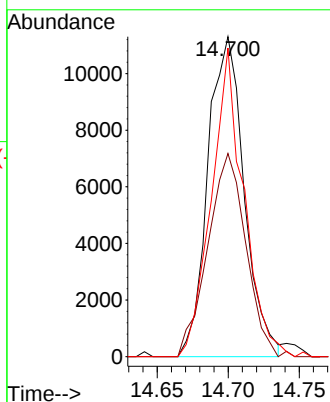
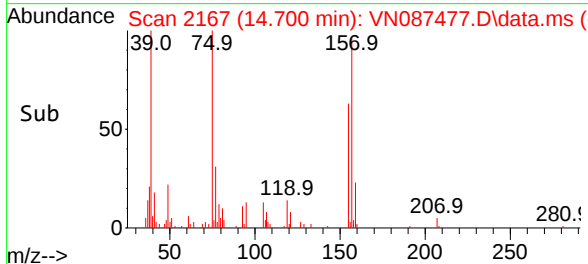
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(AUG)MS



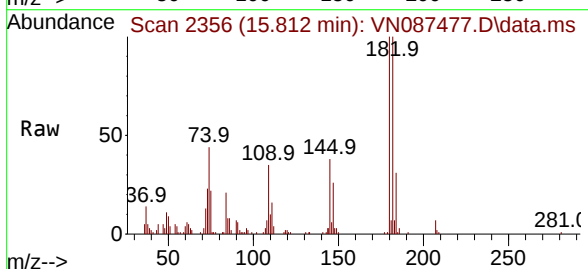
Tgt Ion: 75 Resp: 2005
 Ion Ratio Lower Upper
 75 100
 155 66.4 55.7 83.5
 157 85.8 65.8 98.6

Manual Integrations
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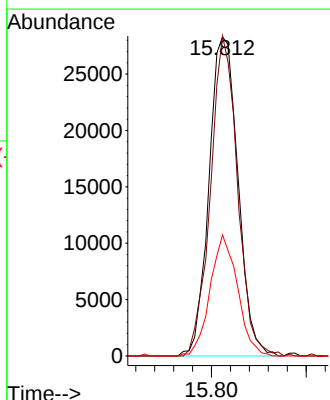
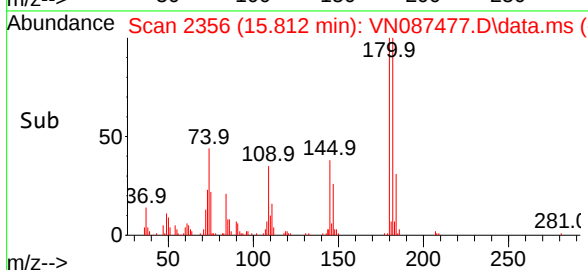
Reviewed By :John Carlone 08/07/2025
 Supervised By :Mahesh Dadoda 08/07/2025

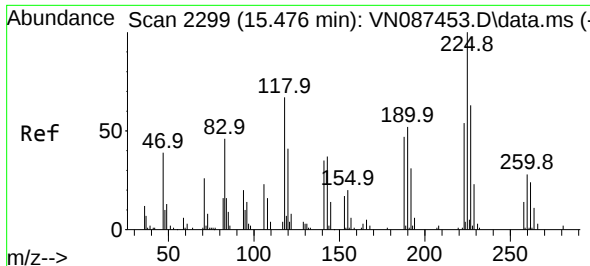


#89
 1,2,4-Trichlorobenzene
 Concen: 17.783 ug/l
 RT: 15.812 min Scan# 2356
 Delta R.T. 0.000 min
 Lab File: VN087477.D
 Acq: 06 Aug 2025 13:17



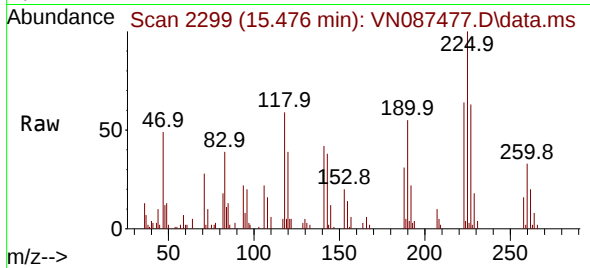
Tgt Ion:180 Resp: 60048
 Ion Ratio Lower Upper
 180 100
 182 93.6 75.0 112.4
 145 36.0 28.6 43.0





#90
Hexachlorobutadiene
Concen: 18.065 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17

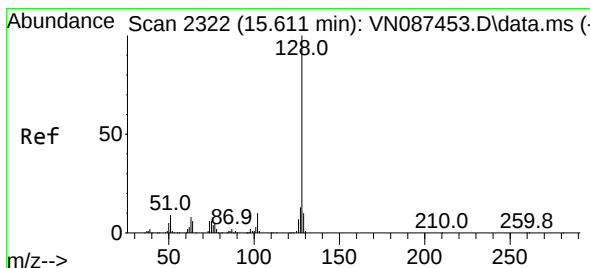
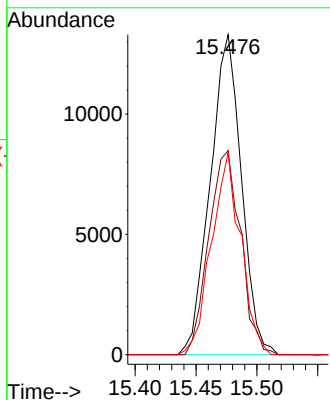
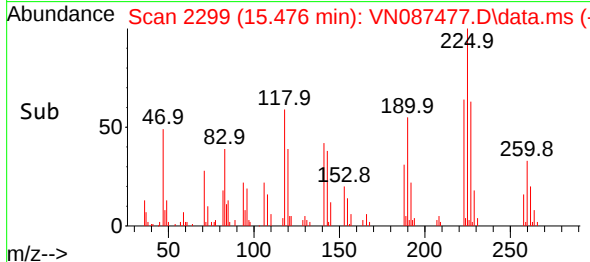
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(AUG)MS



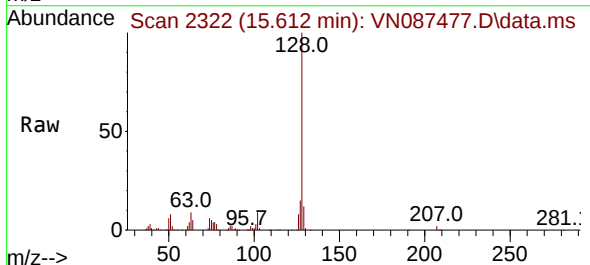
Tgt Ion:225 Resp: 23720
Ion Ratio Lower Upper
225 100
223 65.1 0.0 116.0
227 59.3 0.0 127.0

Manual Integrations
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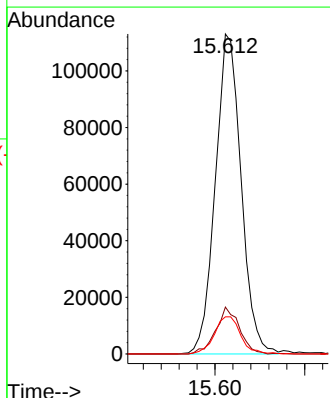
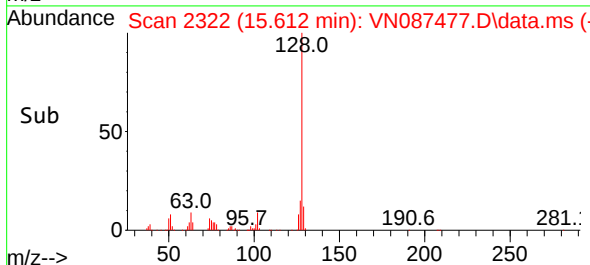
Reviewed By :John Carlone 08/07/2025
Supervised By :Mahesh Dadoda 08/07/2025

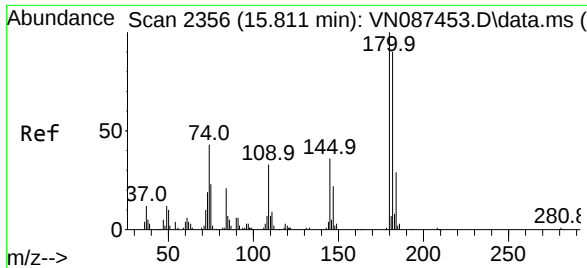


#91
Naphthalene
Concen: 17.513 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087477.D
Acq: 06 Aug 2025 13:17



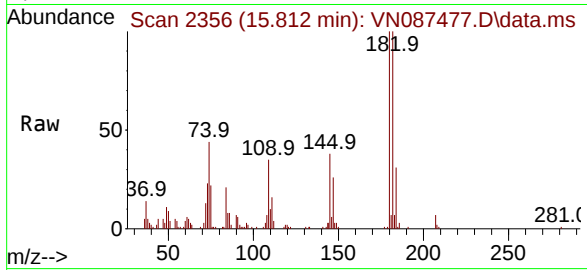
Tgt Ion:128 Resp: 225491
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 11.8 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 17.783 ug/l
 RT: 15.812 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087477.D
 Acq: 06 Aug 2025 13:17

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



Tgt Ion:180	Resp:	60048
Ion Ratio	Lower	Upper
180	100	
182	93.6	0.0 187.4
145	36.0	0.0 71.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/07/2025
 Supervised By :Mahesh Dadoda 08/07/2025

