

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
 Data File : VN087473.D
 Acq On : 06 Aug 2025 11:50
 Operator : JC\MD
 Sample : Q2771-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/07/2025
 Supervised By :Mahesh
 Dadoda

Quant Time: Aug 07 03:34:52 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

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

Internal Standards						
1) Bromochloromethane	7.794	128	65939	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	366028	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	329820	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	181849	29.900	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.667%
60) 4-Bromofluorobenzene	12.829	95	168534	29.692	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.967%
63) Toluene-d8	10.547	98	454924	29.977	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.933%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	80583	18.718	ug/l	98
3) Chloromethane	2.383	50	77929	17.643	ug/l	94
4) Vinyl Chloride	2.542	62	82024	17.509	ug/l	94
5) Bromomethane	2.983	94	46228	18.230	ug/l	98
6) Chloroethane	3.142	64	51353	16.999	ug/l	97
7) Trichlorofluoromethane	3.512	101	119335	17.700	ug/l	97
8) Diethyl Ether	3.959	74	46789	16.658	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	61179	17.794	ug/l	61
10) 1,1-Dichloroethene	4.336	96	67088	18.577	ug/l	97
11) Methyl Iodide	4.577	142	40938	14.397	ug/l	99
12) Methyl Acetate	5.018	43	109067	16.366	ug/l	96
13) Acrolein	4.177	56	111970	110.003	ug/l	98
14) Acrylonitrile	5.706	53	236049	81.113	ug/l	99
15) Acetone	4.418	58	68020	81.804	ug/l	94
16) Carbon Disulfide	4.700	76	187507	16.738	ug/l	97
17) Allyl chloride	5.012	41	121507	16.507	ug/l	94
18) Methylene Chloride	5.259	84	77836	16.742	ug/l	94
19) trans-1,2-Dichloroethene	5.771	96	71397	16.625	ug/l	89
20) Diisopropyl ether	6.665	45	274395	16.363	ug/l	98
21) 1,1-Dichloroethane	6.553	63	145019	16.730	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	86618	16.392	ug/l	98
23) tert-Butyl Alcohol	5.518	59	99872m	80.764	ug/l	
24) Methyl tert-Butyl Ether	5.788	73	266250	16.179	ug/l	98
25) Chloroform	7.947	83	289276	31.972	ug/l	96
26) Cyclohexane	8.235	56	127522	18.375	ug/l #	99
29) 1,1-Dichloropropene	8.353	75	103641	17.360	ug/l	98
30) 2-Butanone	7.477	43	361131	82.065	ug/l	99
31) 2,2-Dichloropropane	7.477	77	131933	17.135	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	132359	17.384	ug/l	96
33) Carbon Tetrachloride	8.341	117	110236	17.428	ug/l	93
34) Benzene	8.588	78	311705	16.540	ug/l	98
35) Methacrylonitrile	7.765	41	78002	16.426	ug/l	99
36) 1,2-Dichloroethane	8.653	62	125600	16.490	ug/l	99
37) Trichloroethene	9.335	130	68781	16.569	ug/l	100
38) Methylcyclohexane	9.582	83	119146	17.203	ug/l	99
39) 1,2-Dichloropropane	9.606	63	77835	16.109	ug/l	98
40) Dibromomethane	9.688	93	59428	16.393	ug/l	97
41) Bromodichloromethane	9.871	83	135570	17.997	ug/l	98
42) Vinyl Acetate	6.594	43	1205283	83.170	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
 Data File : VN087473.D
 Acq On : 06 Aug 2025 11:50
 Operator : JC\MD
 Sample : Q2771-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/07/2025
 Supervised By :Mahesh
 Dadoda

Quant Time: Aug 07 03:34:52 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	143662	16.899	ug/l	98
44) Isopropyl Acetate	8.677	43	238107	16.523	ug/l	100
45) 1,4-Dioxane	9.688	88	30740	334.612	ug/l	99
46) Methyl methacrylate	9.665	41	116037	17.058	ug/l	93
47) n-amyl Acetate	12.523	43	138723m	17.426	ug/l	
48) t-1,3-Dichloropropene	10.818	75	130691	15.947	ug/l	99
49) cis-1,3-Dichloropropene	10.294	75	133970	16.243	ug/l	96
50) 1,1,2-Trichloroethane	10.994	97	74807	16.332	ug/l	95
51) Ethyl methacrylate	10.859	69	131600	16.314	ug/l	96
52) 1,3-Dichloropropane	11.141	76	137123	16.617	ug/l	98
53) Dibromochloromethane	11.335	129	87442	16.531	ug/l	99
54) 1,2-Dibromoethane	11.447	107	79517	16.354	ug/l	97
56) Bromoform	12.559	173	56851	16.249	ug/l #	99
58) 4-Methyl-2-Pentanone	10.423	43	711224	83.826	ug/l	99
59) 2-Hexanone	11.176	43	456177	79.131	ug/l	99
61) Tetrachloroethene	11.082	164	53372	16.610	ug/l	94
62) Toluene	10.612	91	439632	21.597	ug/l	100
64) Chlorobenzene	11.870	112	204317	16.334	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.941	131	72443	16.473	ug/l	99
66) Ethyl Benzene	11.941	91	383279	16.893	ug/l	99
67) m/p-Xylenes	12.047	106	278183	33.402	ug/l	95
68) o-Xylene	12.376	106	133484	16.292	ug/l	99
69) Styrene	12.388	104	228360	16.323	ug/l	99
70) Isopropylbenzene	12.676	105	346587	16.650	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	119782	16.794	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	121240m	18.247	ug/l	
73) Bromobenzene	12.959	156	80766	16.737	ug/l	97
74) n-propylbenzene	13.012	91	433988	16.694	ug/l	99
75) 2-Chlorotoluene	13.106	91	262927	16.442	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	293309	16.457	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	38550	15.327	ug/l	83
78) 4-Chlorotoluene	13.200	91	265956	16.412	ug/l	100
79) tert-butylbenzene	13.417	119	247938	16.500	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	294959	16.562	ug/l	98
81) sec-Butylbenzene	13.594	105	366698	16.762	ug/l	99
82) p-Isopropyltoluene	13.706	119	306539	16.876	ug/l	99
83) 1,3-Dichlorobenzene	13.711	146	152352	16.580	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	155133	16.652	ug/l	98
85) n-Butylbenzene	14.035	91	307198	17.286	ug/l	98
86) Hexachloroethane	14.311	117	56643	15.969	ug/l	94
87) 1,2-Dichlorobenzene	14.082	146	147338	16.798	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	27713	15.338	ug/l	94
89) 1,2,4-Trichlorobenzene	15.811	180	82148	15.671	ug/l	98
90) Hexachlorobutadiene	15.476	225	33676	16.521	ug/l	94
91) Naphthalene	15.611	128	326569	16.338	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	82148	15.671	ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080625\
Data File : VN087473.D
Acq On : 06 Aug 2025 11:50
Operator : JC\MD
Sample : Q2771-03MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

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

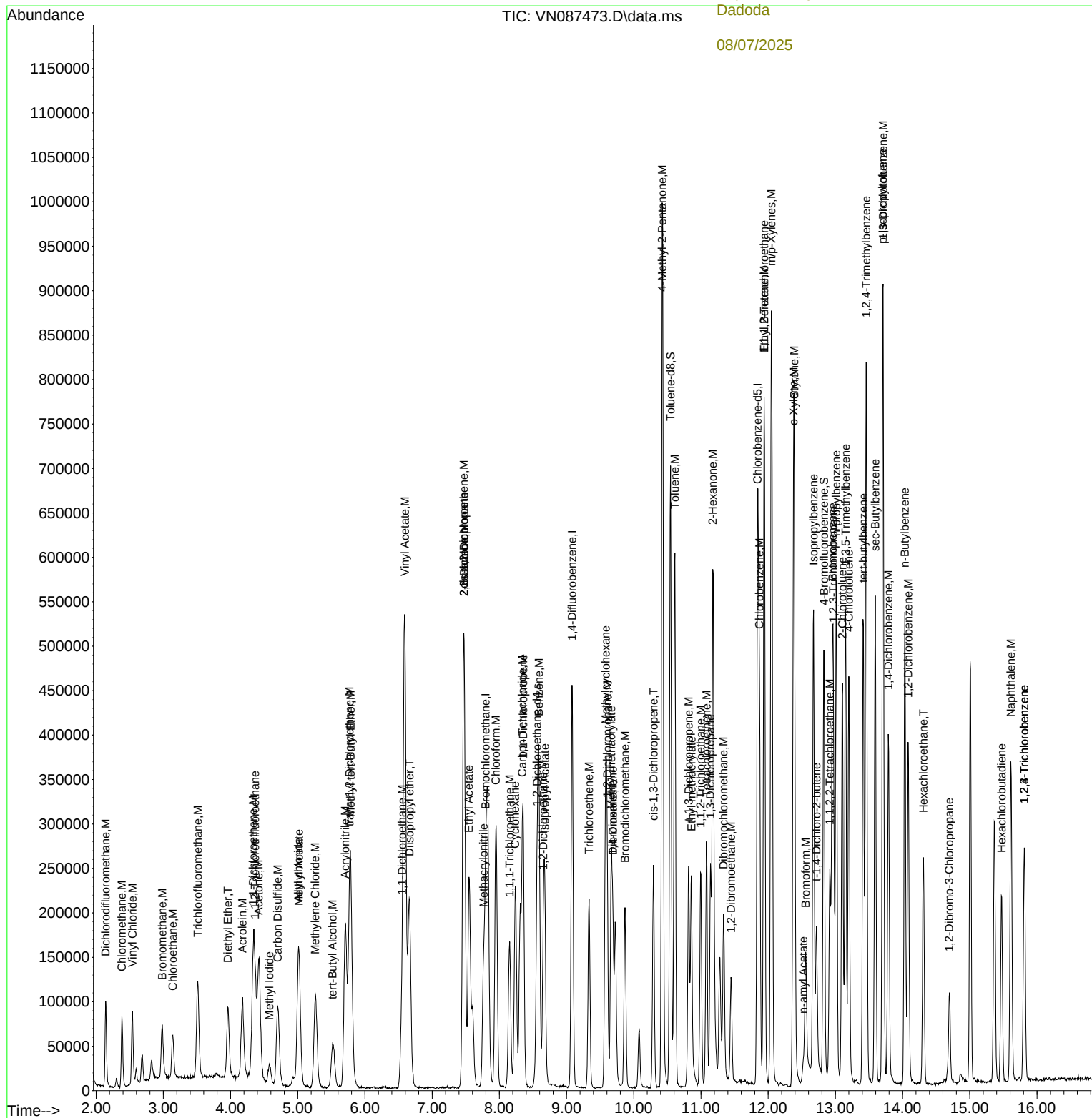
Manual Integrations
APPROVED

Reviewed By :John
Carlone

08/07/2025
Supervised By :Mahesh
Dadoda

08/07/2025

Quant Time: Aug 07 03:34:52 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





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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

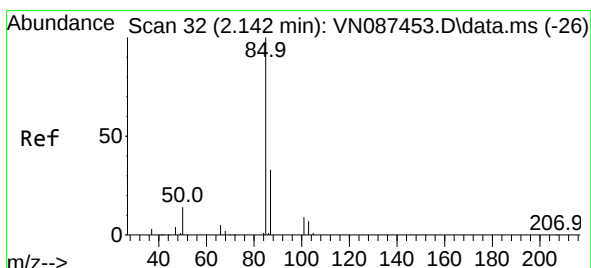
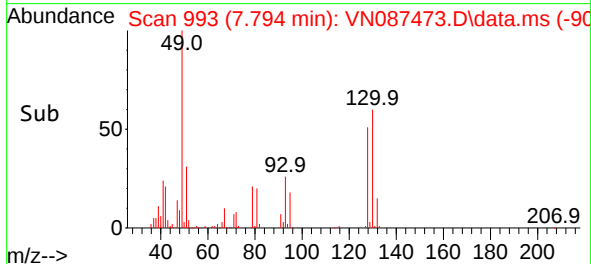
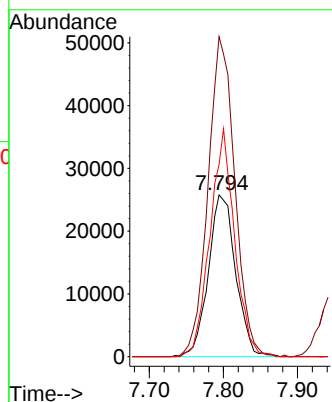
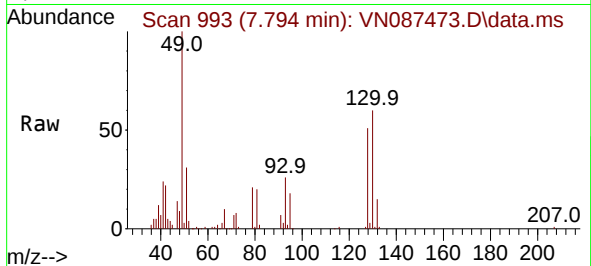
Tgt Ion:128 Resp: 65939
Ion Ratio Lower Upper
128 100
49 194.3 0.0 494.8
130 126.6 0.0 321.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

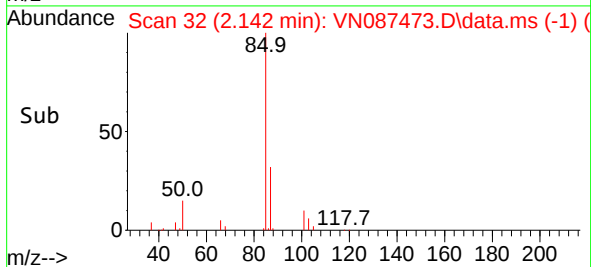
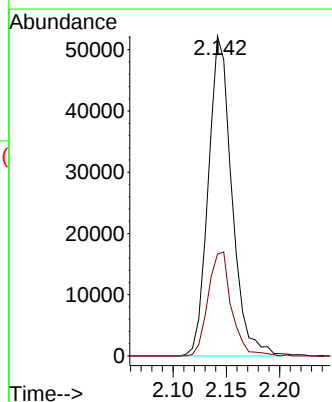
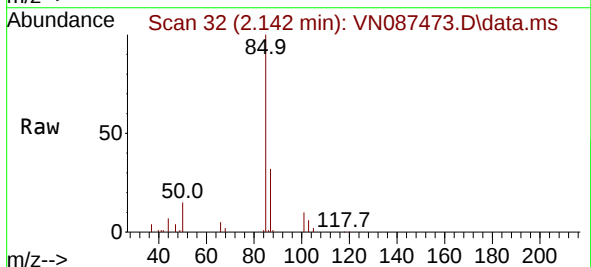
08/07/2025
Supervised By :Mahesh
Dadoda

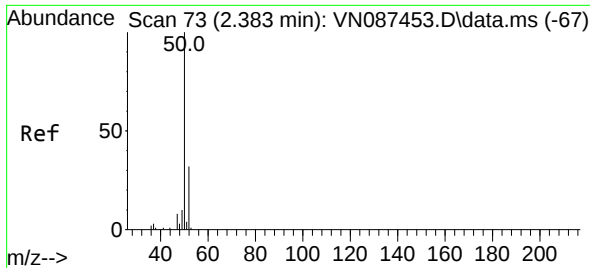
08/07/2025



#2
Dichlorodifluoromethane
Concen: 18.718 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

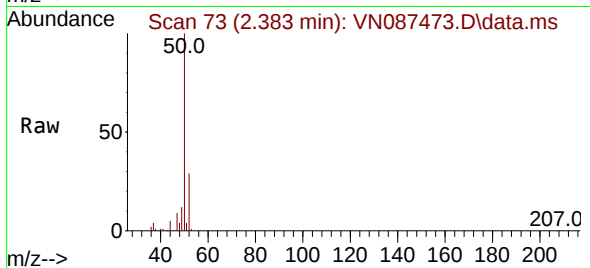
Tgt Ion: 85 Resp: 80583
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.2





#3
Chloromethane
Concen: 17.643 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



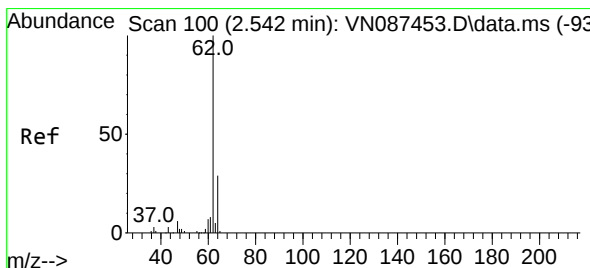
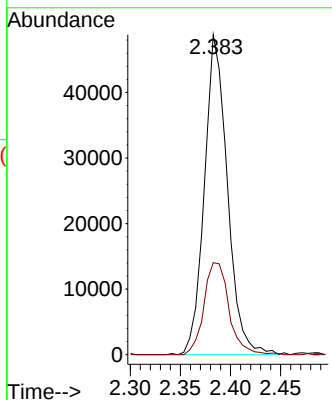
Tgt Ion: 50 Resp: 77929
Ion Ratio Lower Upper
50 100
52 28.7 25.8 38.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

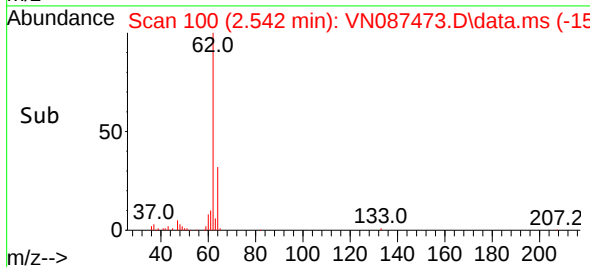
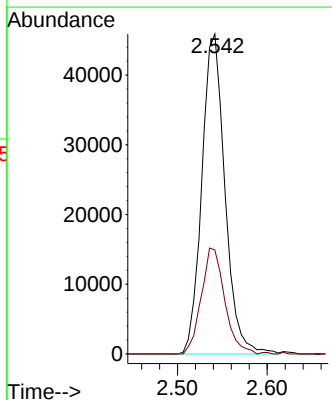
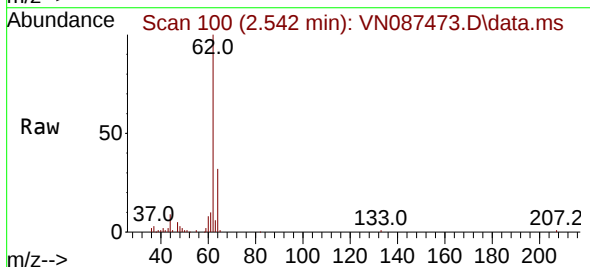
08/07/2025
Supervised By :Mahesh
Dadoda

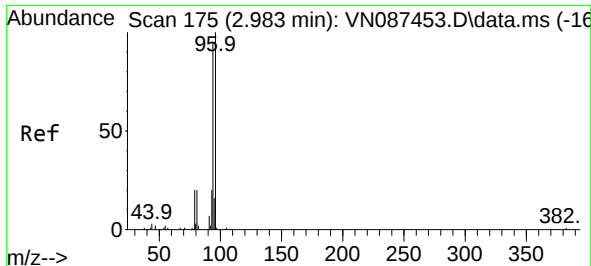
08/07/2025



#4
Vinyl Chloride
Concen: 17.509 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

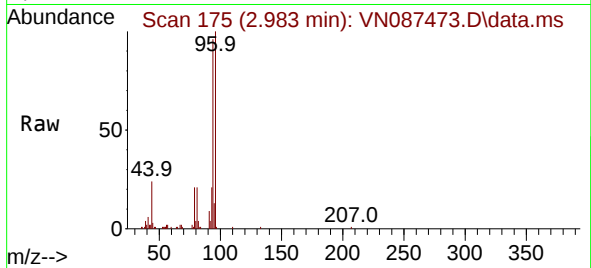
Tgt Ion: 62 Resp: 82024
Ion Ratio Lower Upper
62 100
64 32.5 23.4 35.2





#5
Bromomethane
Concen: 18.230 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



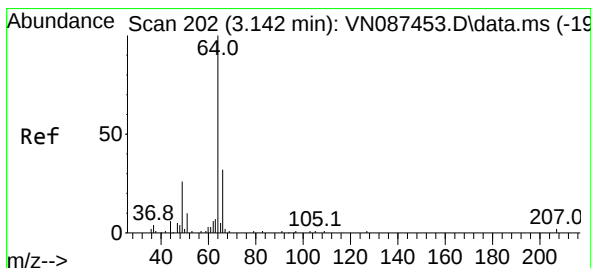
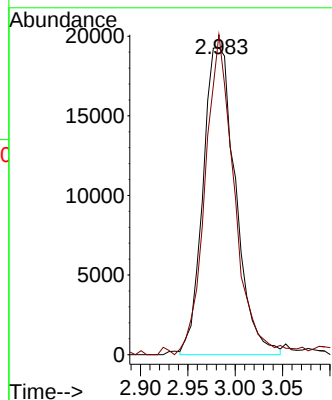
Tgt Ion: 94 Resp: 46228
Ion Ratio Lower Upper
94 100
96 103.4 84.2 126.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

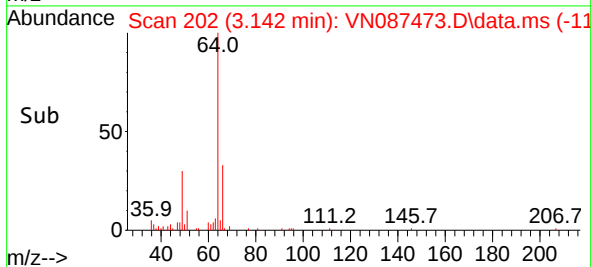
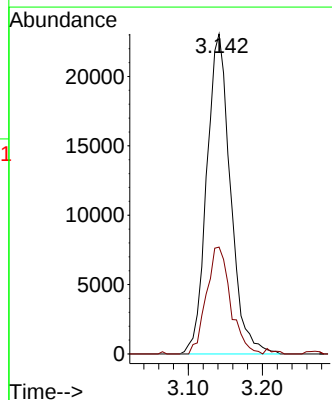
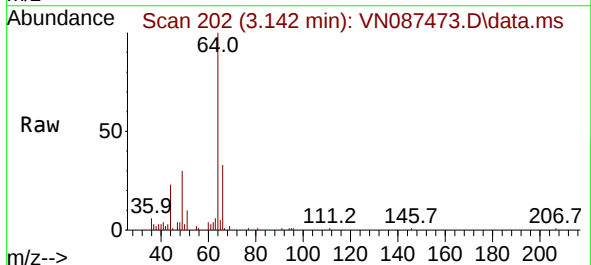
08/07/2025
Supervised By :Mahesh
Dadoda

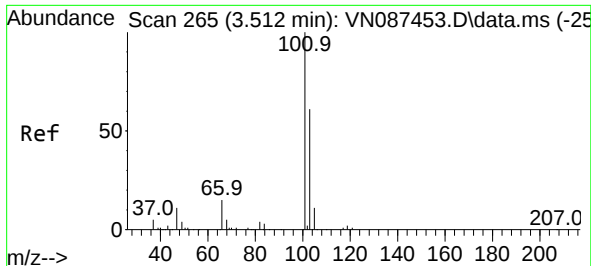
08/07/2025



#6
Chloroethane
Concen: 16.999 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

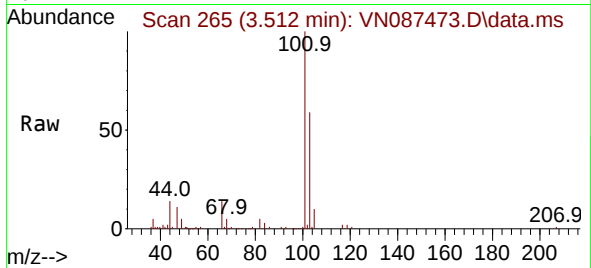
Tgt Ion: 64 Resp: 51353
Ion Ratio Lower Upper
64 100
66 33.4 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 17.700 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087473.D
 Acq: 06 Aug 2025 11:50

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



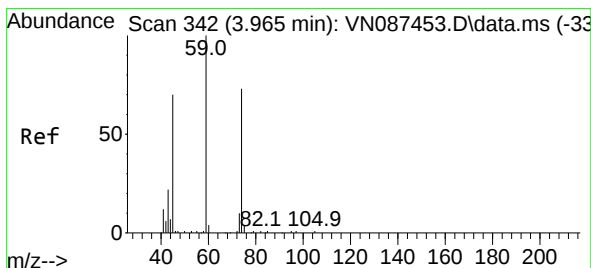
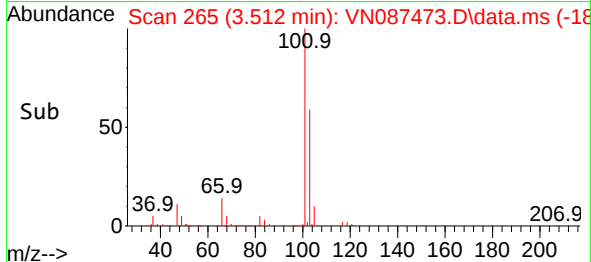
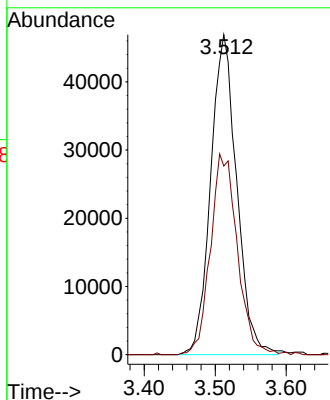
Tgt Ion:101 Resp: 11933
 Ion Ratio Lower Upper
 101 100
 103 58.9 49.2 73.8

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

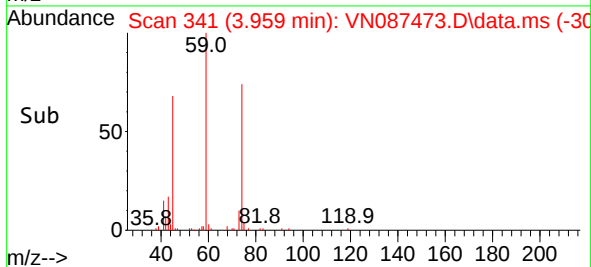
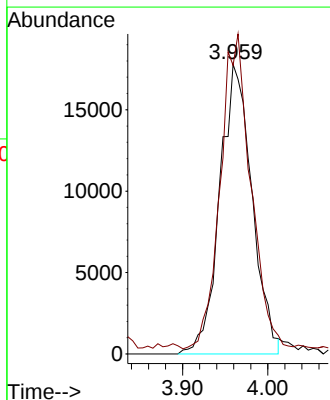
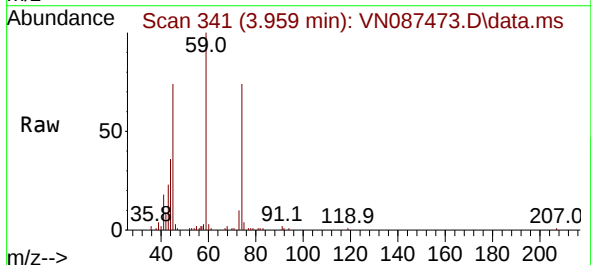
08/07/2025
 Supervised By :Mahesh
 Dadoda

08/07/2025



#8
 Diethyl Ether
 Concen: 16.658 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN087473.D
 Acq: 06 Aug 2025 11:50

Tgt Ion: 74 Resp: 46789
 Ion Ratio Lower Upper
 74 100
 45 102.5 20.1 180.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.794 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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

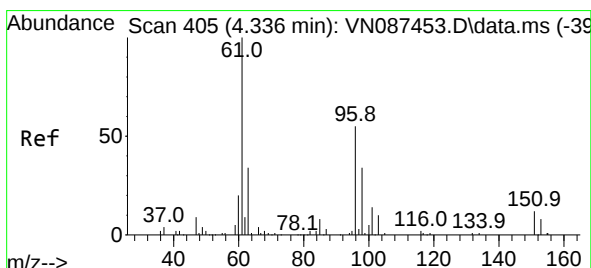
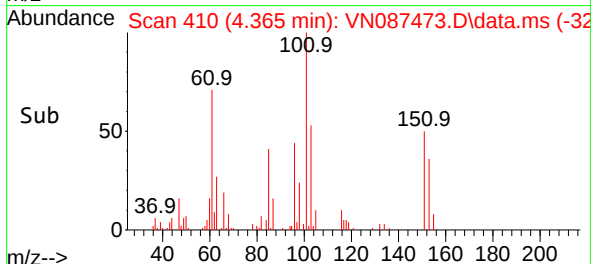
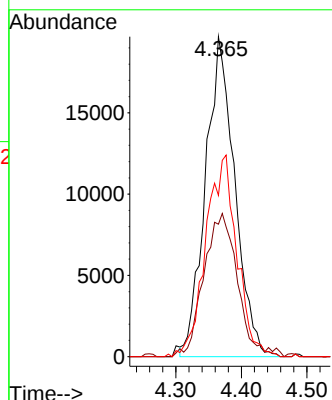
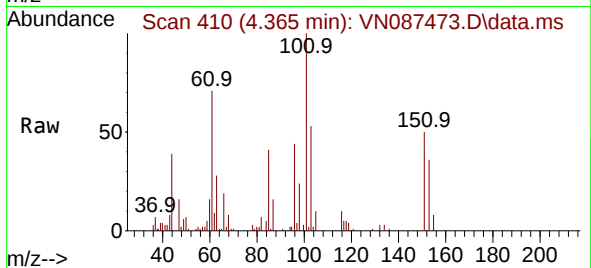
Tgt Ion:101 Resp: 61179
Ion Ratio Lower Upper
101 100
85 47.7 0.0 57.0
151 35.2 0.0 134.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

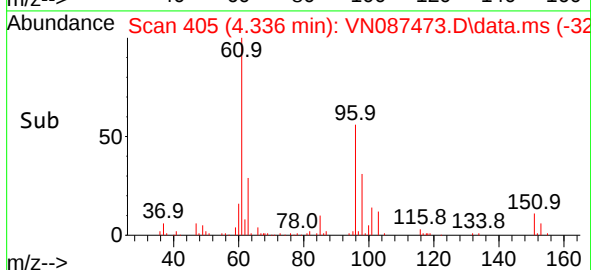
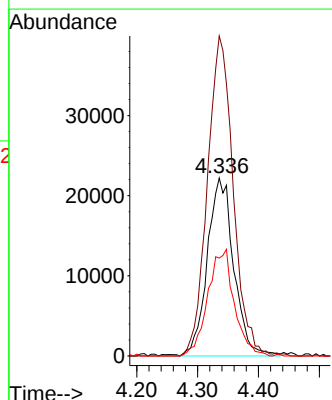
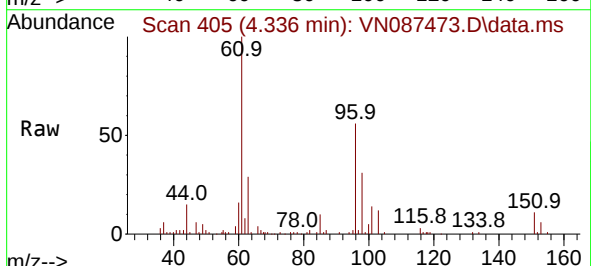
08/07/2025
Supervised By :Mahesh
Dadoda

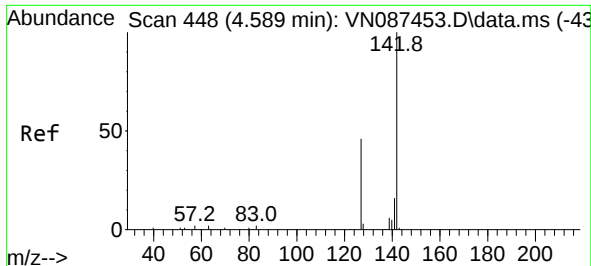
08/07/2025



#10
1,1-Dichloroethene
Concen: 18.577 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

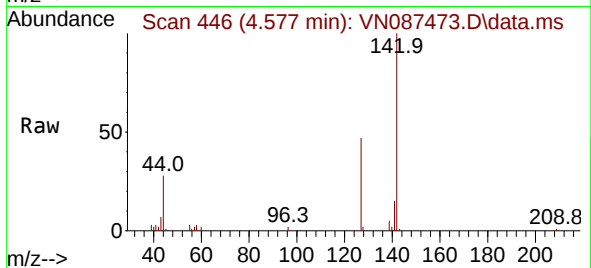
Tgt Ion: 96 Resp: 67088
Ion Ratio Lower Upper
96 100
61 179.8 144.2 216.4
98 55.0 49.7 74.5





#11
Methyl Iodide
Concen: 14.397 ug/l
RT: 4.577 min Scan# 448
Delta R.T. -0.012 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



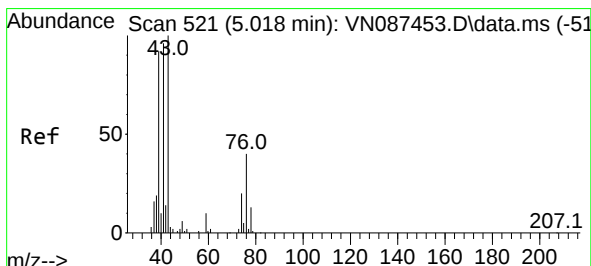
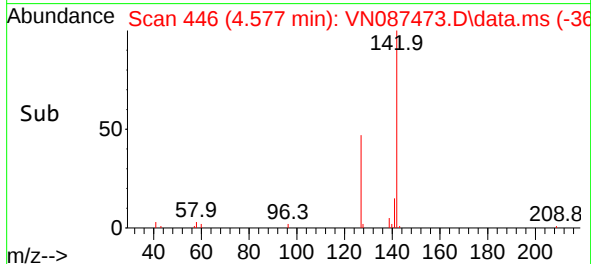
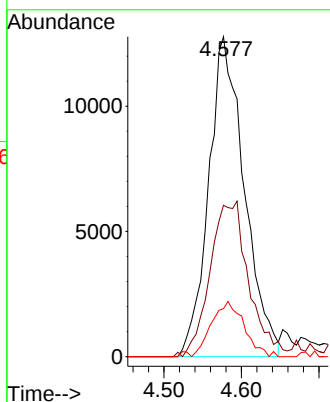
Tgt Ion:142 Resp: 40938
Ion Ratio Lower Upper
142 100
127 45.3 22.9 68.7
141 15.3 7.7 23.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

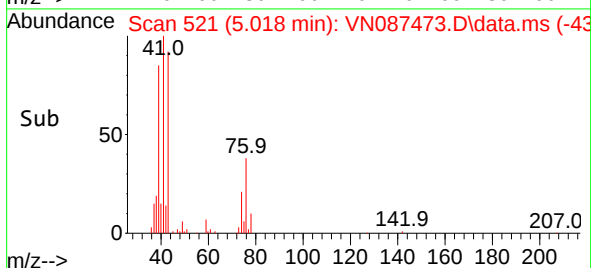
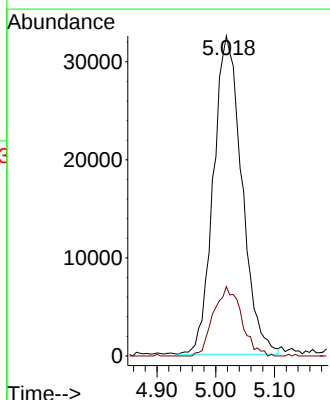
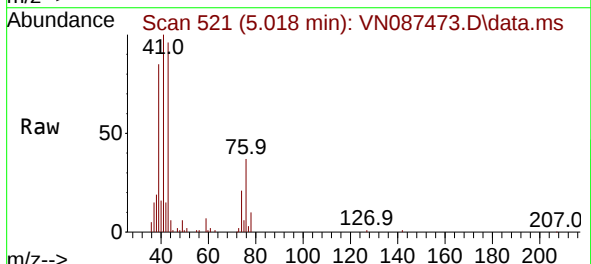
08/07/2025
Supervised By :Mahesh
Dadoda

08/07/2025



#12
Methyl Acetate
Concen: 16.366 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

Tgt Ion: 43 Resp: 109067
Ion Ratio Lower Upper
43 100
74 22.0 16.0 24.0





#13

Acrolein

Concen: 110.003 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN087473.D

Acq: 06 Aug 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion: 56 Resp: 111970

Ion Ratio Lower Upper

56 100

55 73.4 57.4 86.0

Manual Integrations

APPROVED

Reviewed By :John

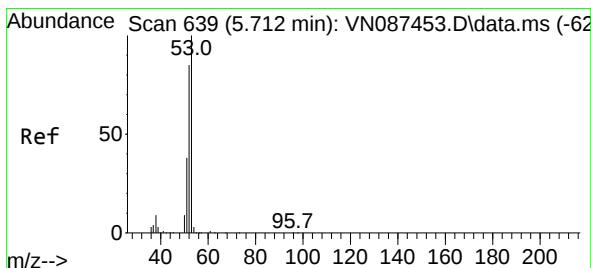
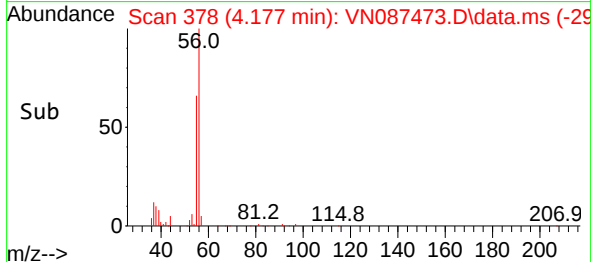
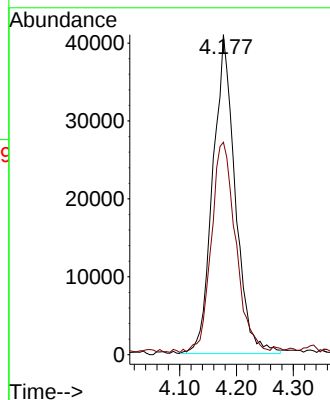
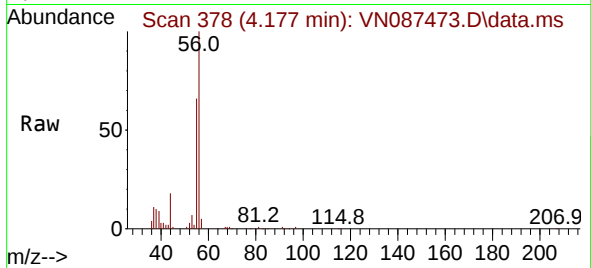
Carlone

08/07/2025

Supervised By :Mahesh

Dadoda

08/07/2025



#14

Acrylonitrile

Concen: 81.113 ug/l

RT: 5.706 min Scan# 638

Delta R.T. -0.006 min

Lab File: VN087473.D

Acq: 06 Aug 2025 11:50

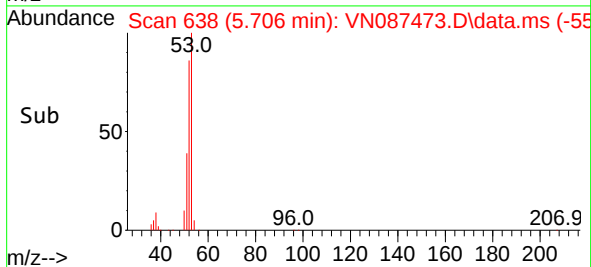
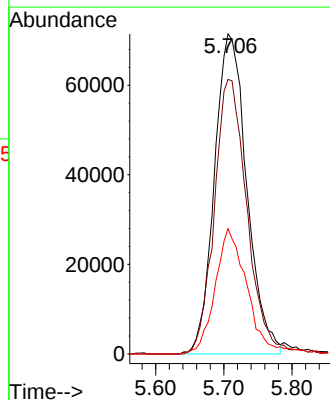
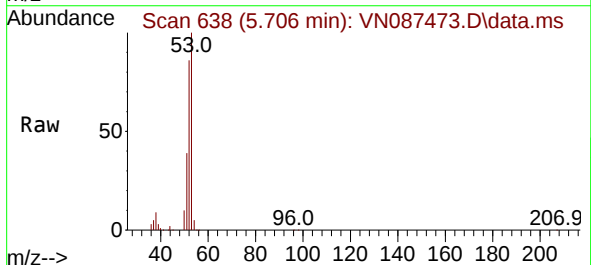
Tgt Ion: 53 Resp: 236049

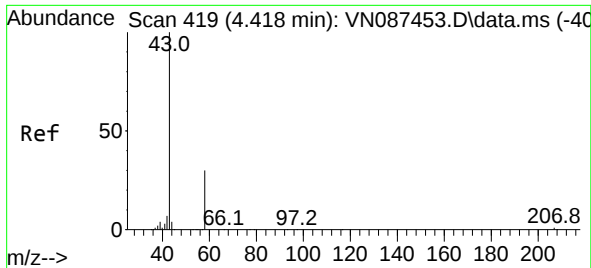
Ion Ratio Lower Upper

53 100

52 86.0 42.4 127.2

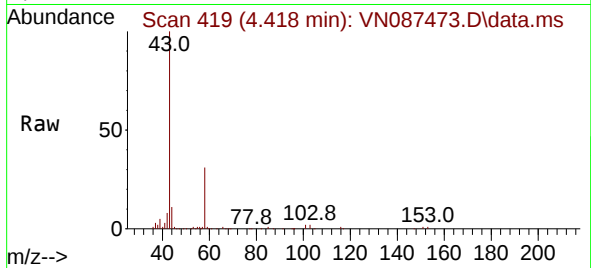
51 37.9 18.5 55.5





#15
Acetone
Concen: 81.804 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



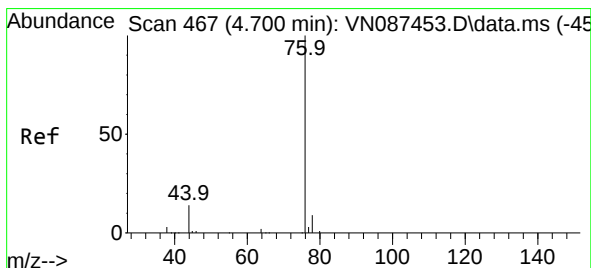
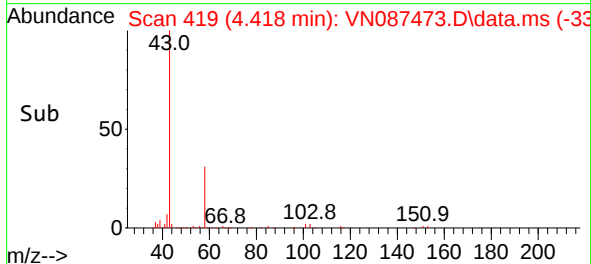
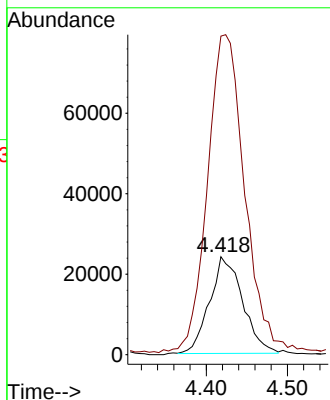
Tgt Ion: 58 Resp: 68020
Ion Ratio Lower Upper
58 100
43 323.8 268.9 403.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

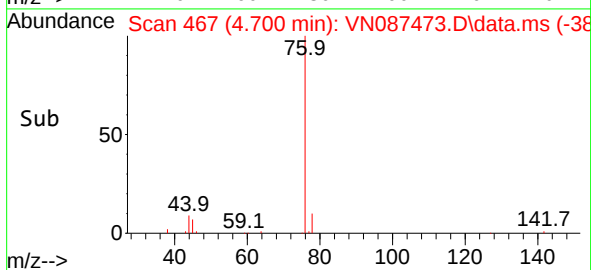
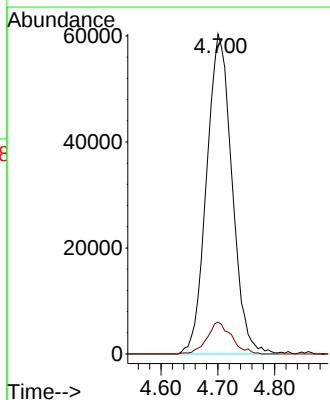
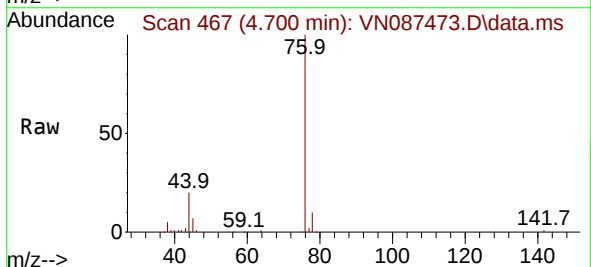
08/07/2025
Supervised By :Mahesh
Dadoda

08/07/2025



#16
Carbon Disulfide
Concen: 16.738 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

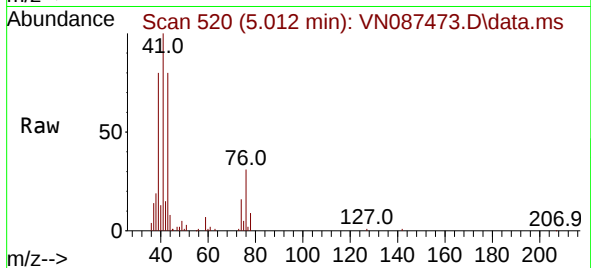
Tgt Ion: 76 Resp: 187507
Ion Ratio Lower Upper
76 100
78 9.9 7.1 10.7





#17
 Allyl chloride
 Concen: 16.507 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087473.D
 Acq: 06 Aug 2025 11:50

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



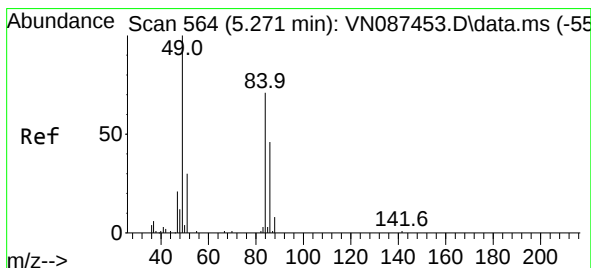
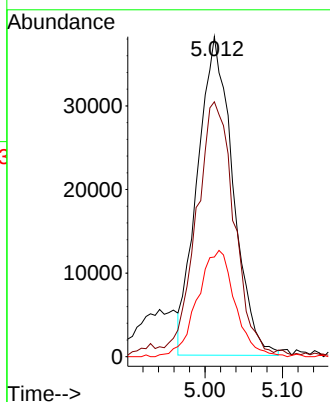
Tgt Ion: 41 Resp: 12150
 Ion Ratio Lower Upper
 41 100
 39 79.1 42.4 127.2
 76 31.1 16.9 50.6

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

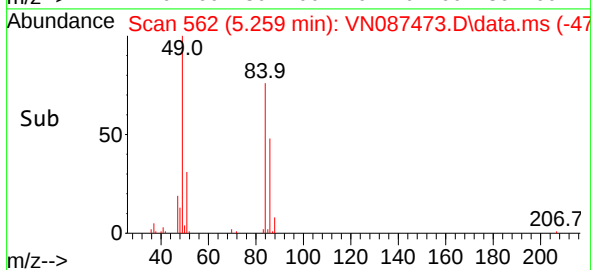
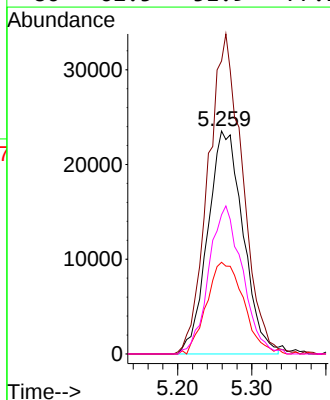
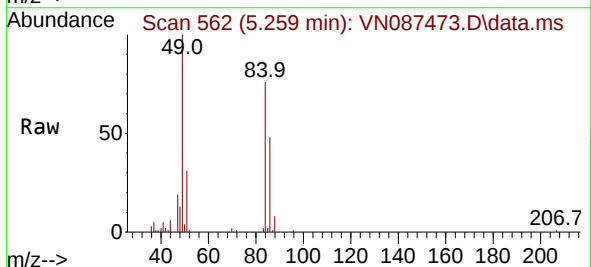
08/07/2025
 Supervised By :Mahesh
 Dadoda

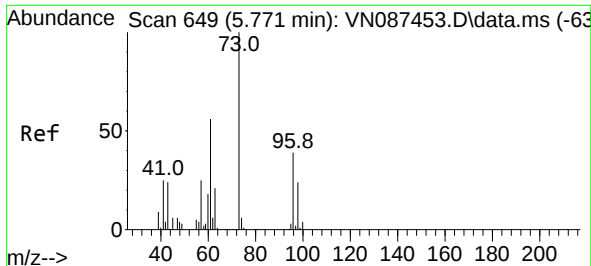
08/07/2025



#18
 Methylene Chloride
 Concen: 16.742 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. -0.012 min
 Lab File: VN087473.D
 Acq: 06 Aug 2025 11:50

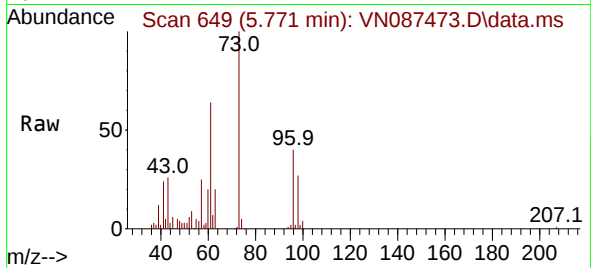
Tgt Ion: 84 Resp: 77836
 Ion Ratio Lower Upper
 84 100
 49 130.5 112.9 169.3
 51 41.1 33.8 50.8
 86 62.5 51.9 77.9





#19
trans-1,2-Dichloroethene
Concen: 16.625 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



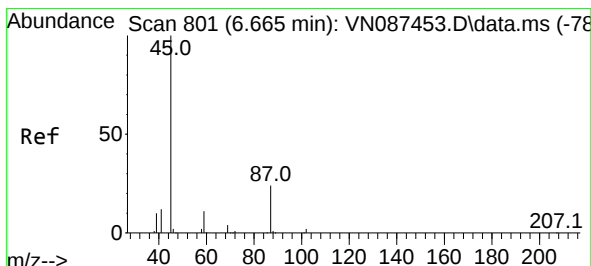
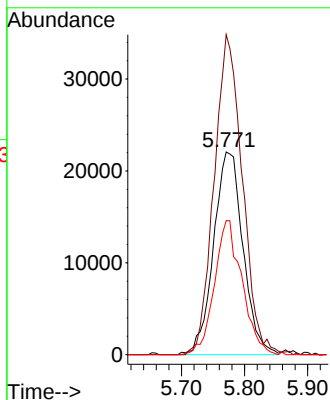
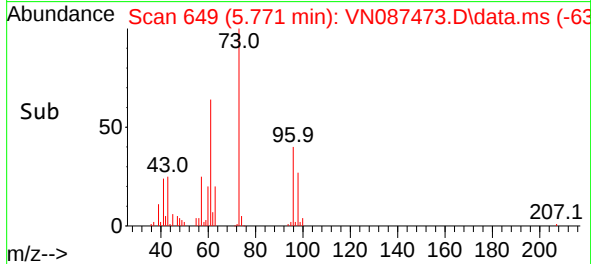
Tgt Ion: 96 Resp: 7139
Ion Ratio Lower Upper
96 100
61 157.9 114.2 171.4
98 66.2 48.7 73.1

Manual Integrations
APPROVED

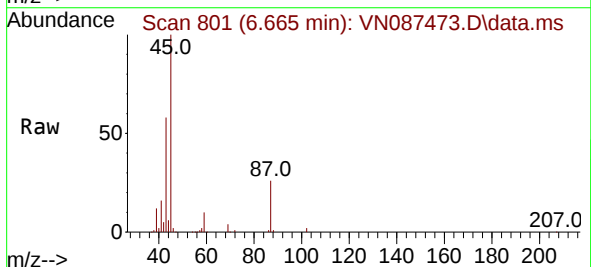
Reviewed By :John
Carlone

08/07/2025
Supervised By :Mahesh
Dadoda

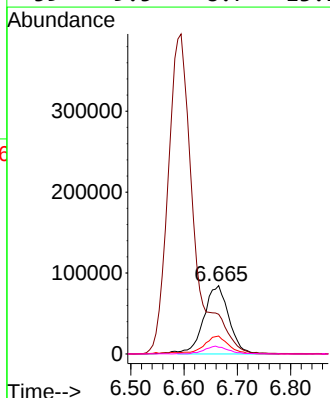
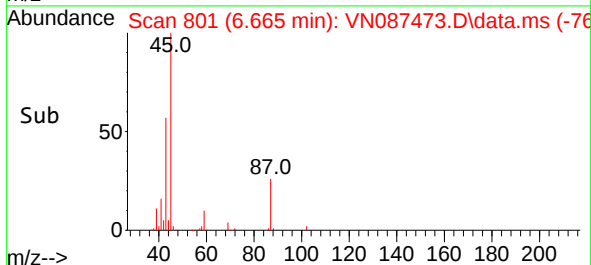
08/07/2025



#20
Diisopropyl ether
Concen: 16.363 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50



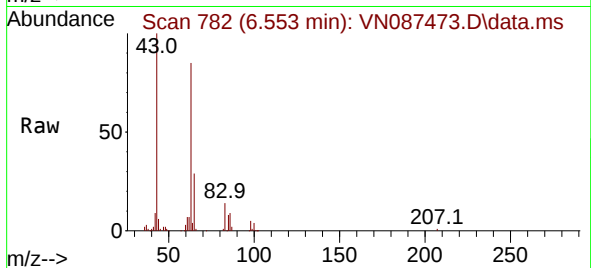
Tgt Ion: 45 Resp: 274395
Ion Ratio Lower Upper
45 100
43 57.2 44.7 67.1
87 26.3 20.2 30.2
59 9.5 8.7 13.1





#21
1,1-Dichloroethane
Concen: 16.730 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



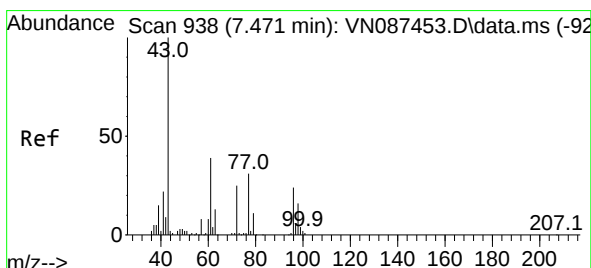
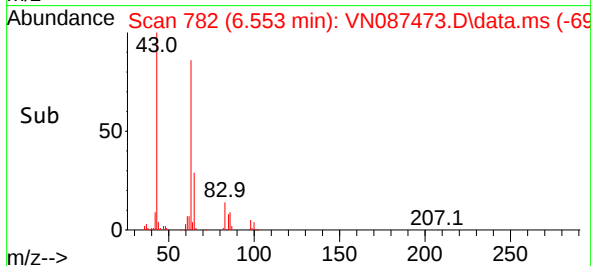
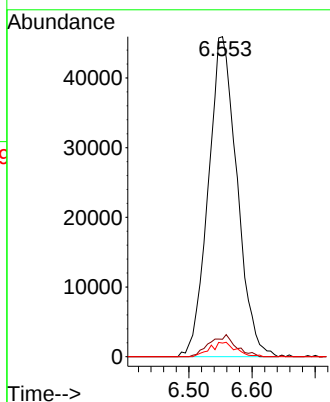
Tgt Ion: 63 Resp: 145019
Ion Ratio Lower Upper
63 100
98 5.4 3.0 9.0
100 4.3 1.9 5.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

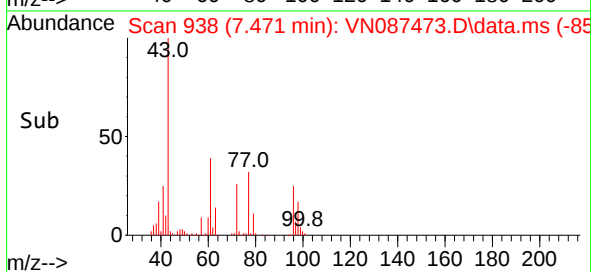
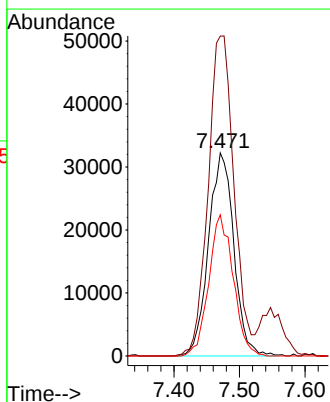
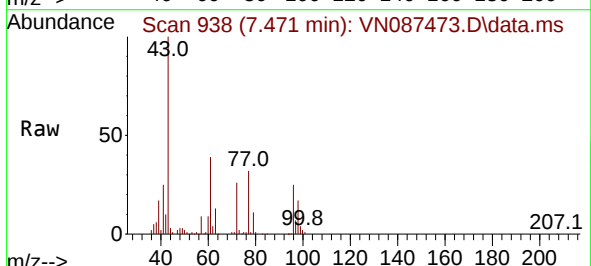
08/07/2025
Supervised By :Mahesh
Dadoda

08/07/2025



#22
cis-1,2-Dichloroethene
Concen: 16.392 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

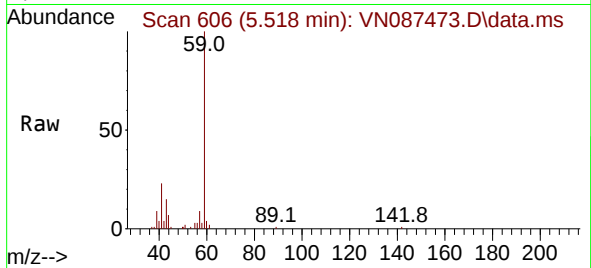
Tgt Ion: 96 Resp: 86618
Ion Ratio Lower Upper
96 100
61 160.1 126.6 190.0
98 66.8 50.9 76.3





#23
tert-Butyl Alcohol
Concen: 80.764 ug/l m
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



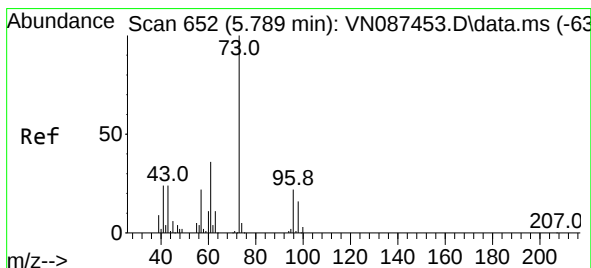
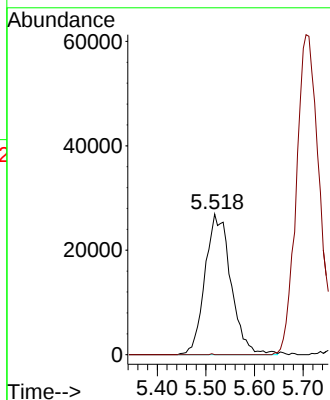
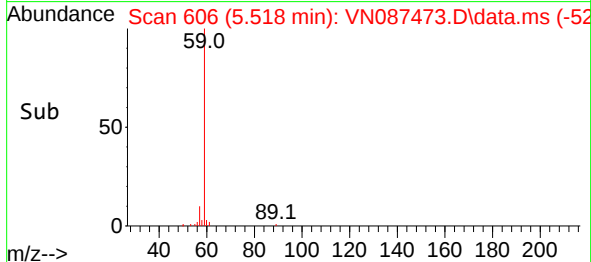
Tgt Ion: 59 Resp: 99872
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

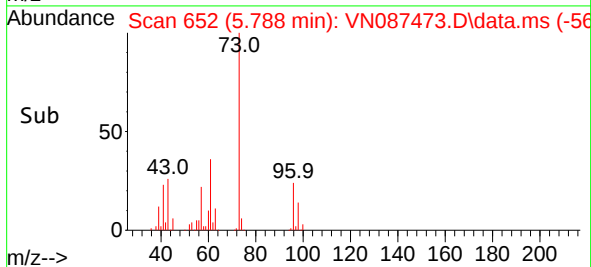
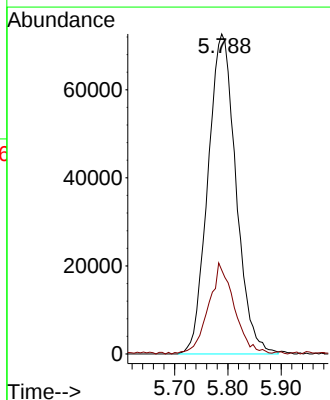
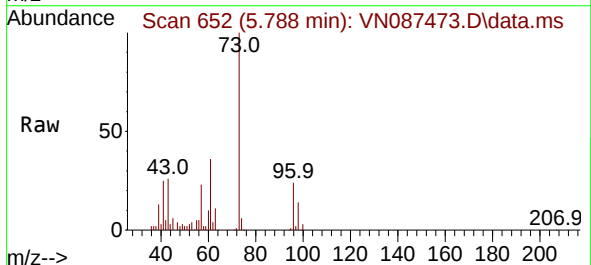
08/07/2025
Supervised By :Mahesh
Dadoda

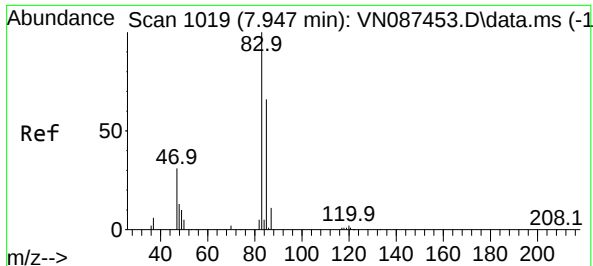
08/07/2025



#24
Methyl tert-Butyl Ether
Concen: 16.179 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

Tgt Ion: 73 Resp: 266250
Ion Ratio Lower Upper
73 100
43 25.8 19.9 29.9





#25

Chloroform

Concen: 31.972 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087473.D

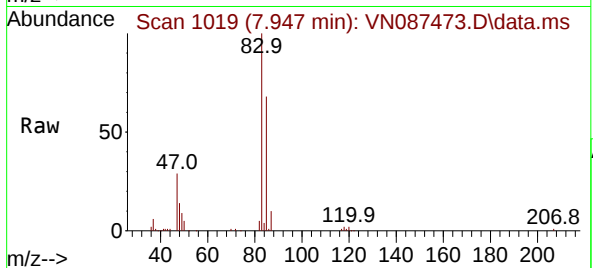
Acq: 06 Aug 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion:	83	Resp:	289270
Ion Ratio	Lower	Upper	
83	100		
85	68.5	52.6	78.8

Manual Integrations

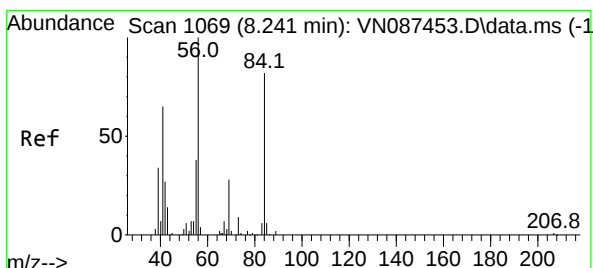
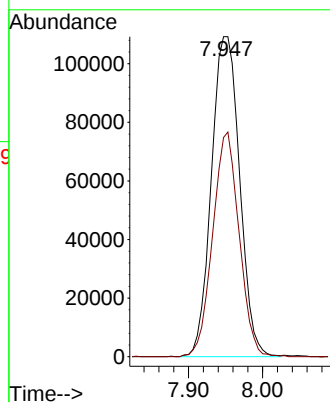
APPROVED

Reviewed By :John
Carlone

08/07/2025

Supervised By :Mahesh
Dadoda

08/07/2025



#26

Cyclohexane

Concen: 18.375 ug/l

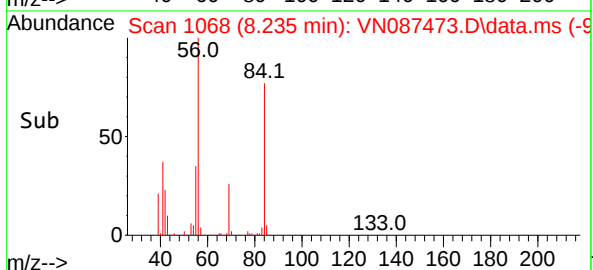
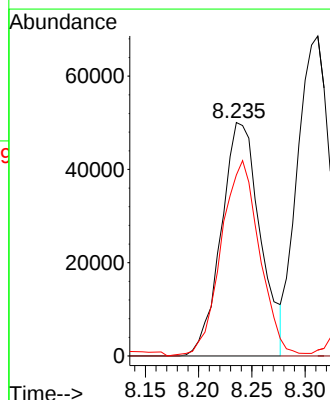
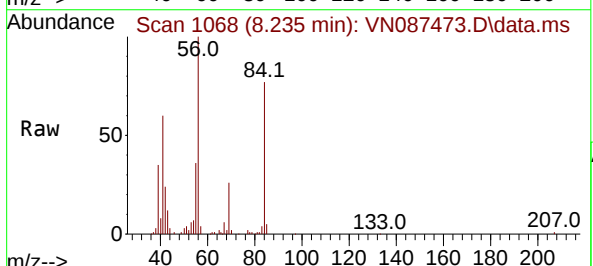
RT: 8.235 min Scan# 1068

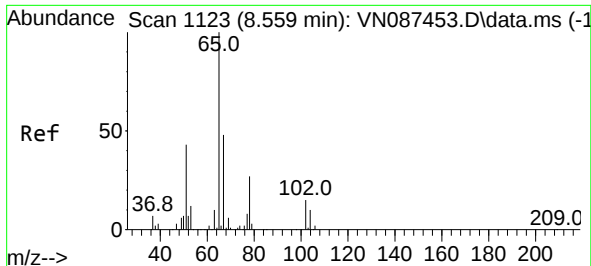
Delta R.T. -0.006 min

Lab File: VN087473.D

Acq: 06 Aug 2025 11:50

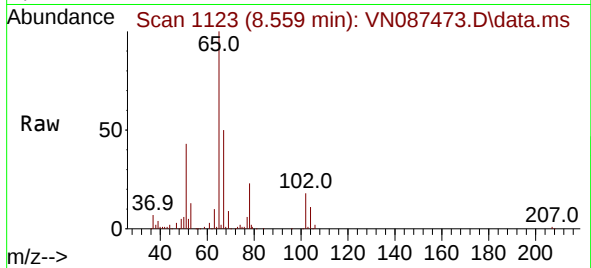
Tgt Ion:	56	Resp:	127522
Ion Ratio	Lower	Upper	
56	100		
89	0.0	2.3	3.5#
84	82.8	67.0	100.4





#27
1,2-Dichloroethane-d4
Concen: 29.900 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



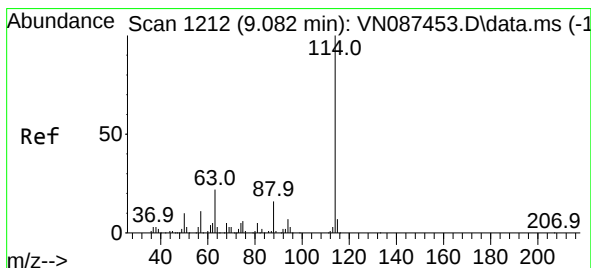
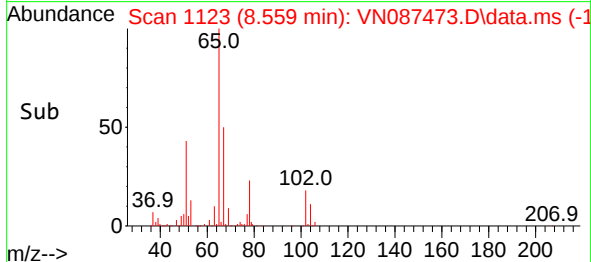
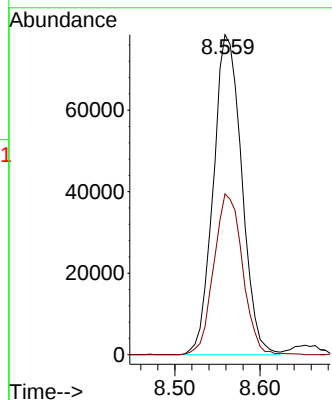
Tgt Ion: 65 Resp: 181849
Ion Ratio Lower Upper
65 100
67 50.5 40.8 61.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

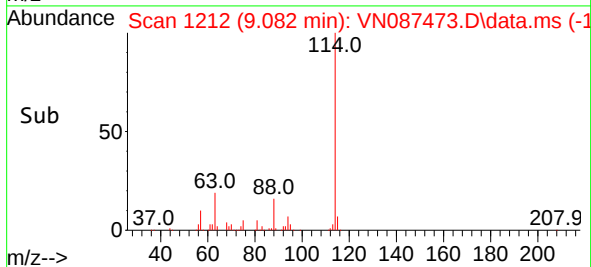
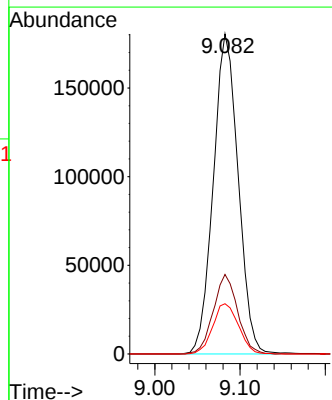
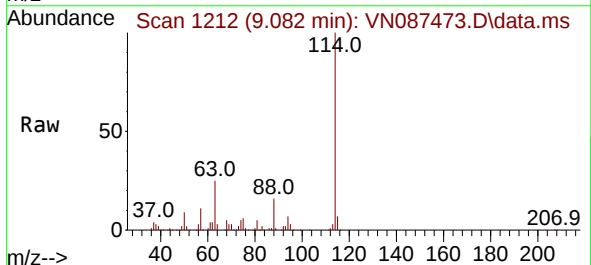
08/07/2025
Supervised By :Mahesh
Dadoda

08/07/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

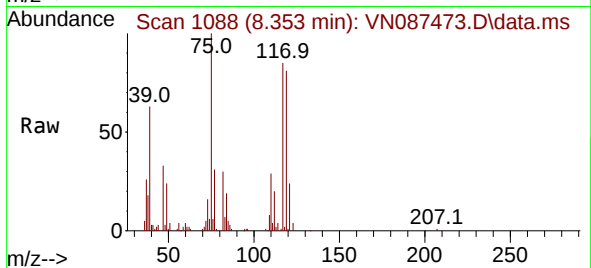
Tgt Ion:114 Resp: 366028
Ion Ratio Lower Upper
114 100
63 24.3 18.9 28.3
88 16.3 13.1 19.7





#29
1,1-Dichloropropene
Concen: 17.360 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



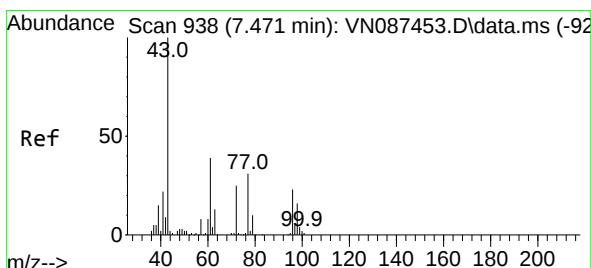
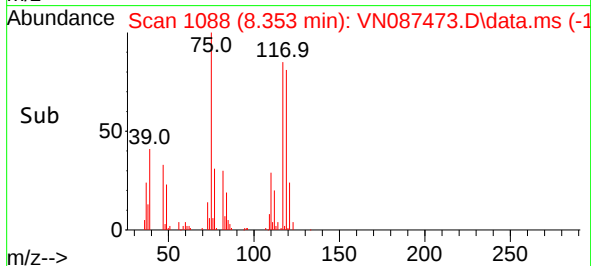
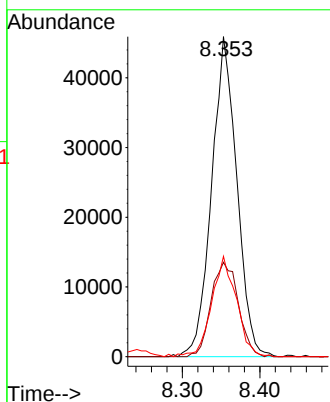
Tgt Ion: 75 Resp: 10364
Ion Ratio Lower Upper
75 100
110 31.8 0.0 65.8
77 30.3 0.0 63.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

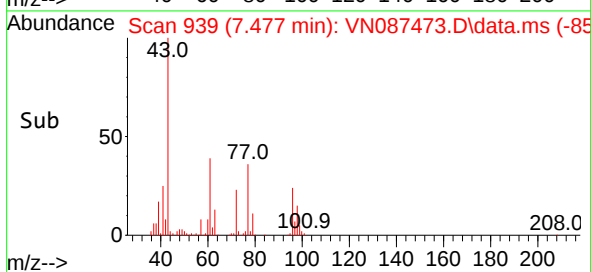
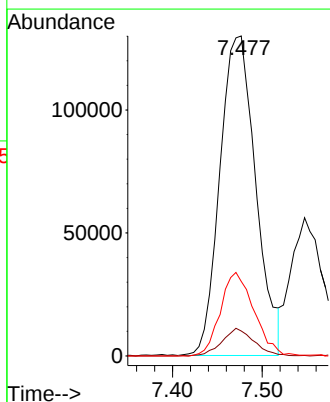
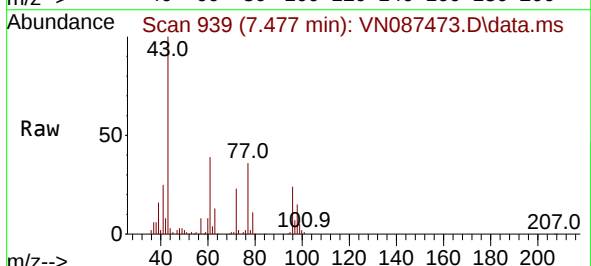
08/07/2025
Supervised By :Mahesh
Dadoda

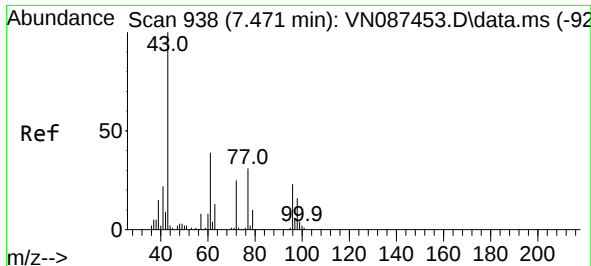
08/07/2025



#30
2-Butanone
Concen: 82.065 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

Tgt Ion: 43 Resp: 361131
Ion Ratio Lower Upper
43 100
57 7.7 6.6 9.8
72 24.3 19.7 29.5





#31

2,2-Dichloropropane

Concen: 17.135 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087473.D

Acq: 06 Aug 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion: 77 Resp: 13193

Ion Ratio Lower Upper

77 100

97 21.0 16.7 25.1

Manual Integrations

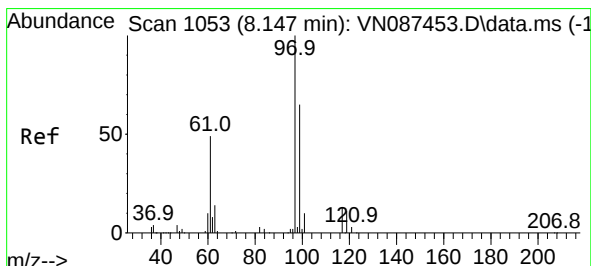
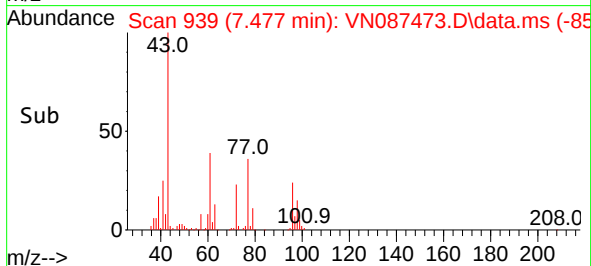
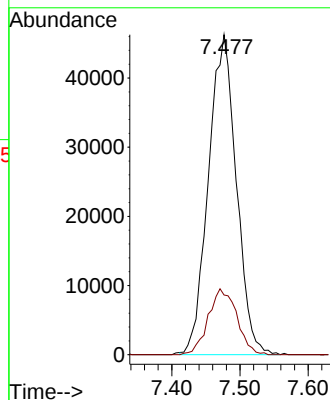
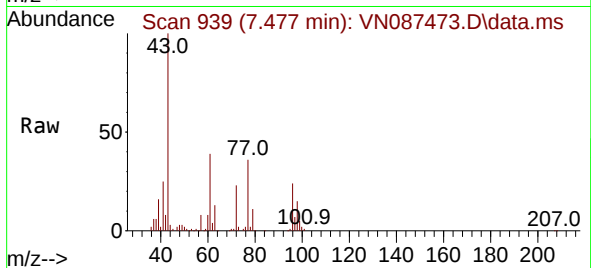
APPROVED

Reviewed By :John
Carlone

08/07/2025

Supervised By :Mahesh
Dadoda

08/07/2025



#32

1,1,1-Trichloroethane

Concen: 17.384 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087473.D

Acq: 06 Aug 2025 11:50

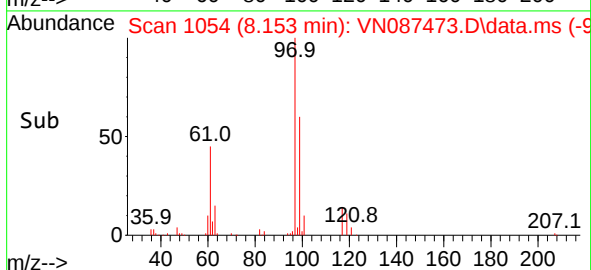
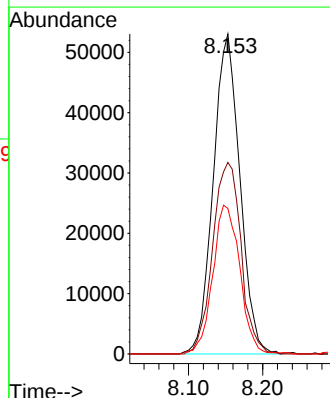
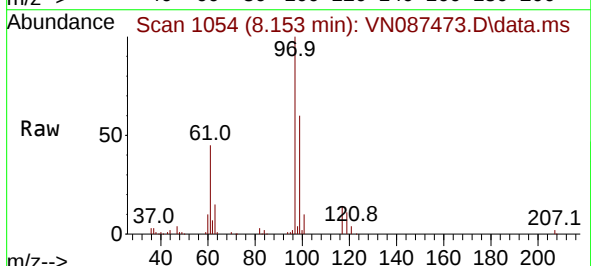
Tgt Ion: 97 Resp: 132359

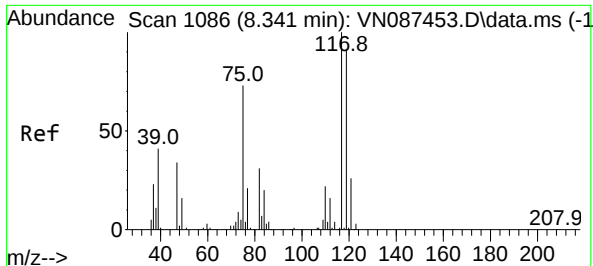
Ion Ratio Lower Upper

97 100

99 63.6 53.0 79.6

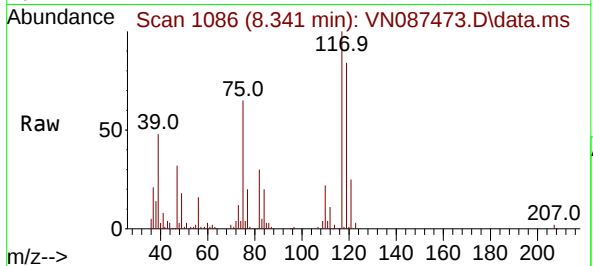
61 47.2 40.6 61.0





#33
Carbon Tetrachloride
Concen: 17.428 ug/l
RT: 8.341 min Scan# 110230
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



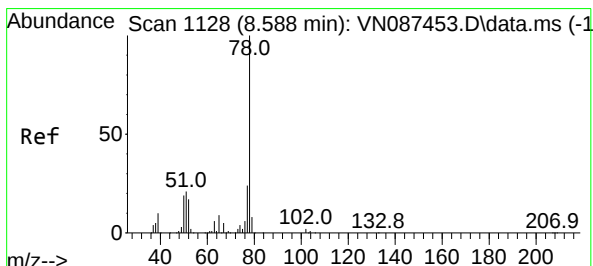
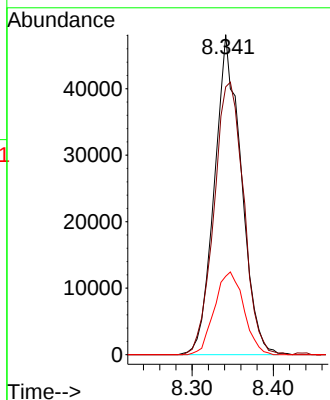
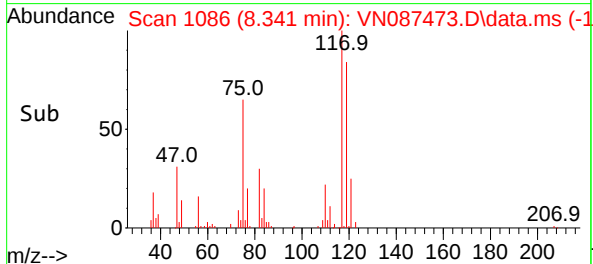
Tgt Ion: 117 Resp: 110230
Ion Ratio Lower Upper
117 100
119 83.7 73.4 110.0
121 24.5 21.1 31.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

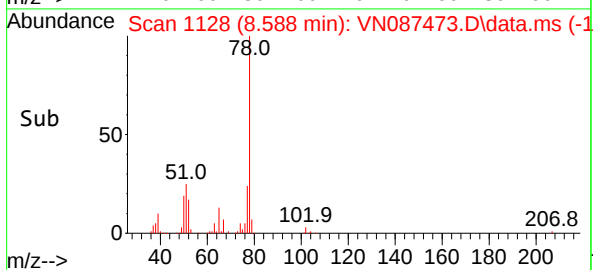
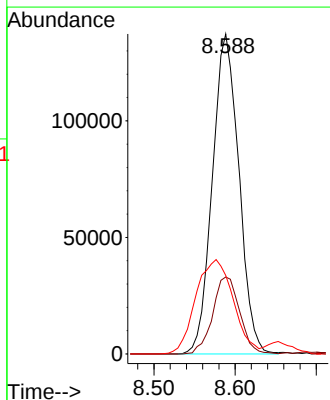
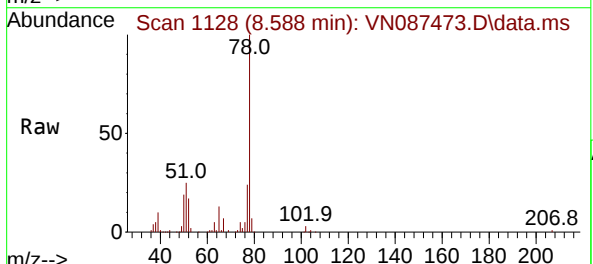
08/07/2025
Supervised By :Mahesh
Dadoda

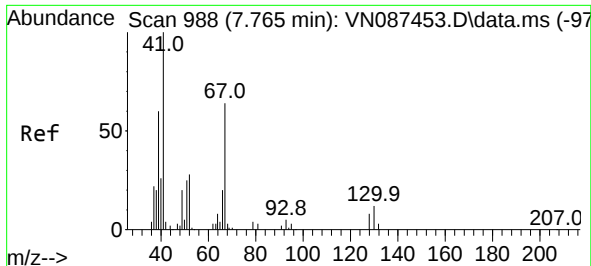
08/07/2025



#34
Benzene
Concen: 16.540 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

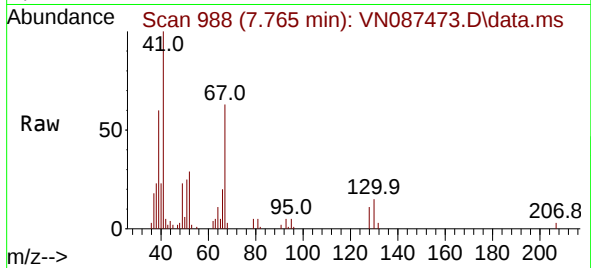
Tgt Ion: 78 Resp: 311705
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8
51 22.7 16.9 25.3





#35
Methacrylonitrile
Concen: 16.426 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



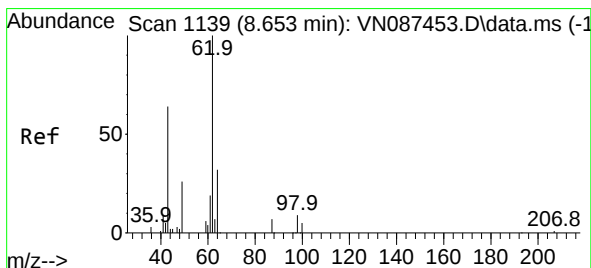
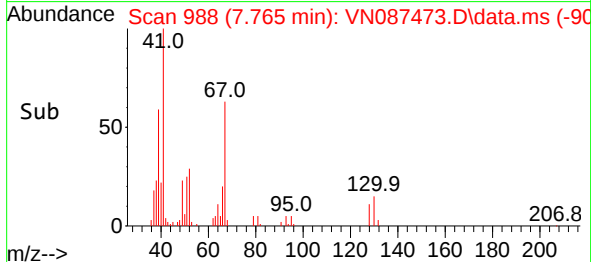
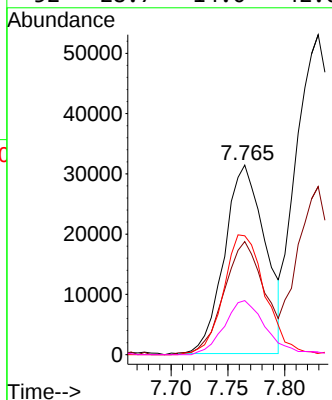
Tgt Ion: 41 Resp: 7800
Ion Ratio Lower Upper
41 100
39 59.1 30.1 90.5
67 63.0 32.0 96.2
52 28.7 14.0 42.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

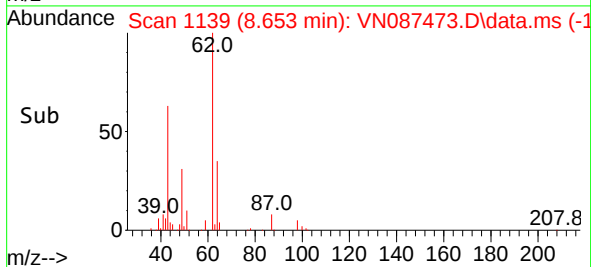
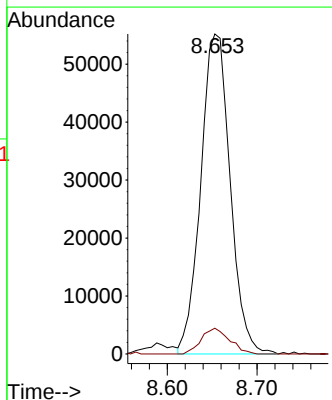
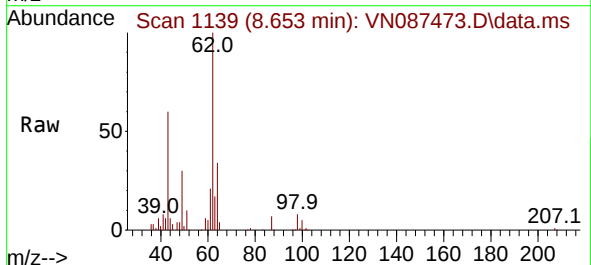
08/07/2025
Supervised By :Mahesh
Dadoda

08/07/2025



#36
1,2-Dichloroethane
Concen: 16.490 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

Tgt Ion: 62 Resp: 125600
Ion Ratio Lower Upper
62 100
98 7.7 6.6 9.8





#37

Trichloroethene

Concen: 16.569 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. -0.000 min

Lab File: VN087473.D

Acq: 06 Aug 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion:130 Resp: 6878

Ion Ratio Lower Upper

130 100

95 114.0 91.4 137.2

Manual Integrations

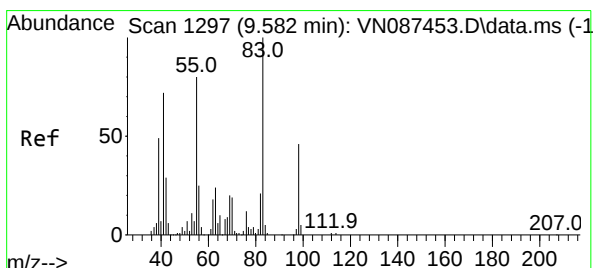
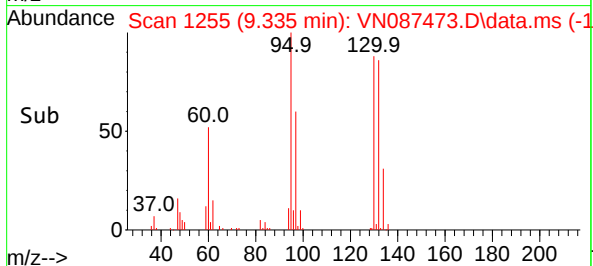
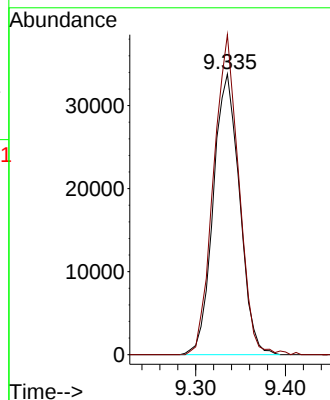
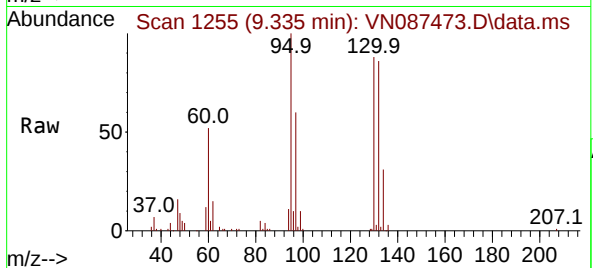
APPROVED

Reviewed By :John
Carlone

08/07/2025

Supervised By :Mahesh
Dadoda

08/07/2025



#38

Methylcyclohexane

Concen: 17.203 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087473.D

Acq: 06 Aug 2025 11:50

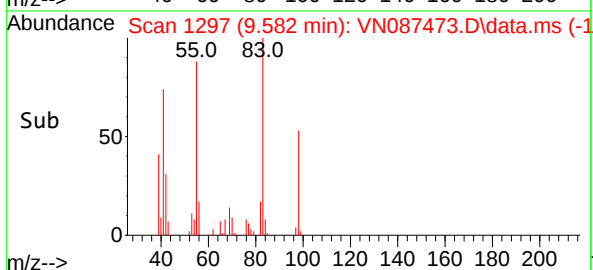
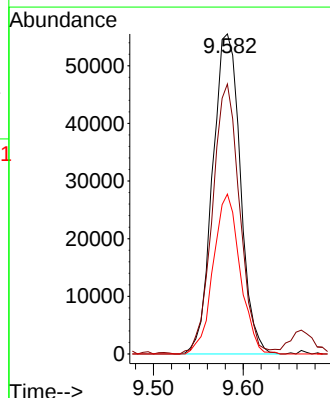
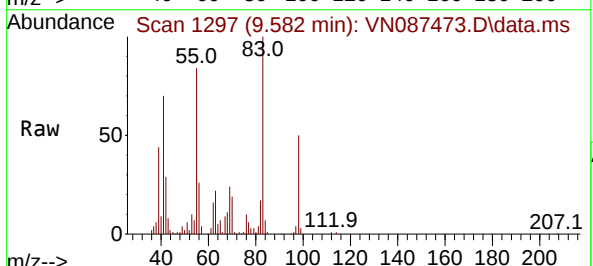
Tgt Ion: 83 Resp: 119146

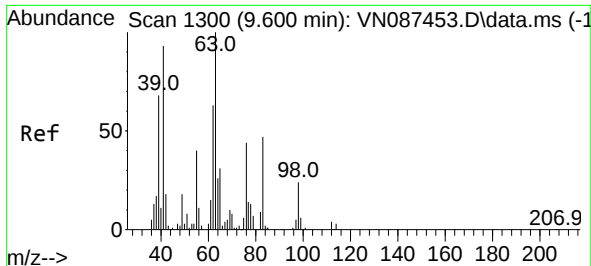
Ion Ratio Lower Upper

83 100

55 83.1 41.2 123.6

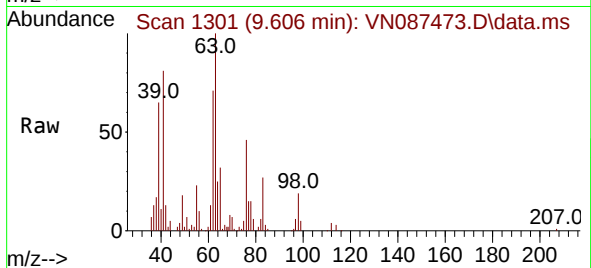
98 48.3 23.3 69.9





#39
1,2-Dichloropropane
Concen: 16.109 ug/l
RT: 9.606 min Scan# 1300
Delta R.T. 0.006 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



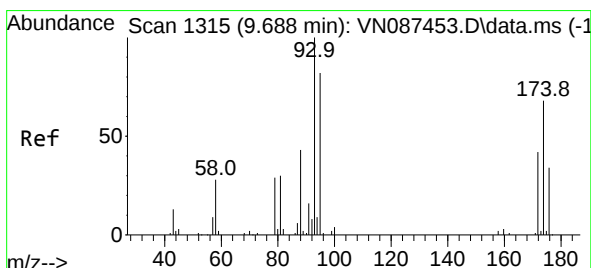
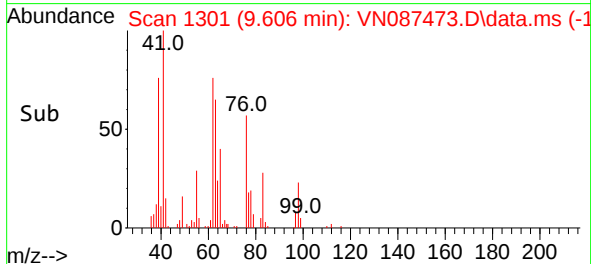
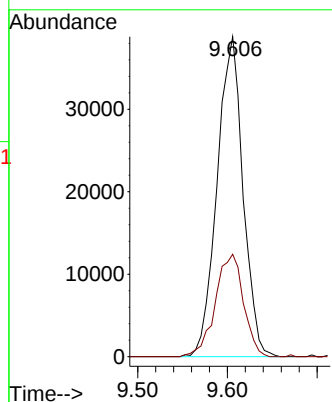
Tgt Ion: 63 Resp: 7783
Ion Ratio Lower Upper
63 100
65 32.0 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

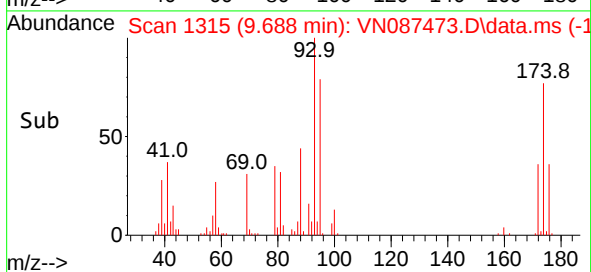
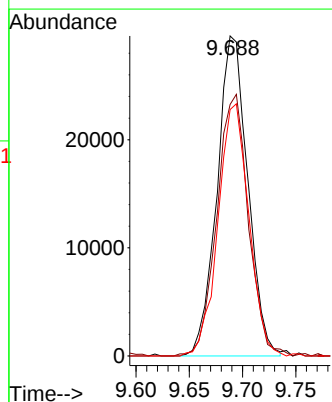
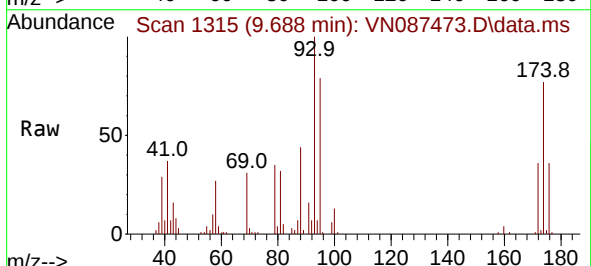
08/07/2025
Supervised By :Mahesh
Dadoda

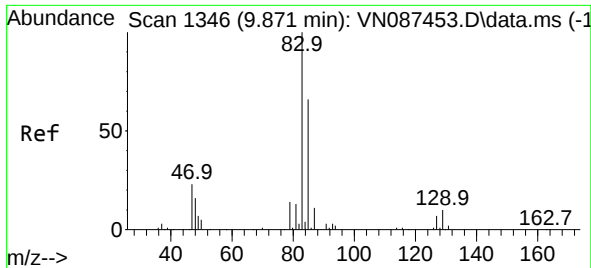
08/07/2025



#40
Dibromomethane
Concen: 16.393 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

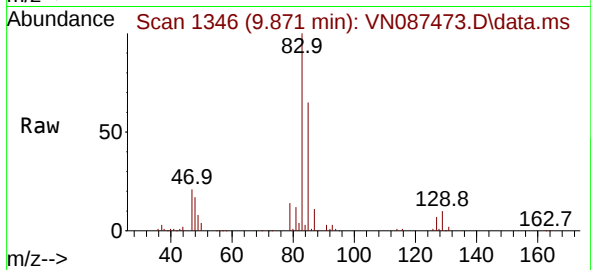
Tgt Ion: 93 Resp: 59428
Ion Ratio Lower Upper
93 100
95 83.6 0.0 161.6
174 79.0 0.0 151.4





#41
Bromodichloromethane
Concen: 17.997 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



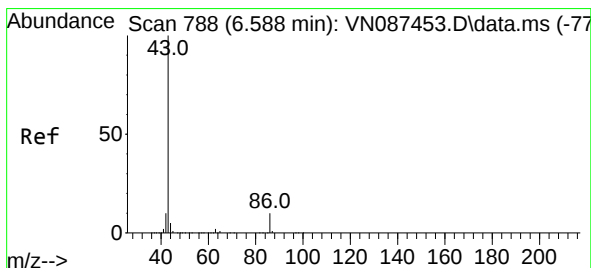
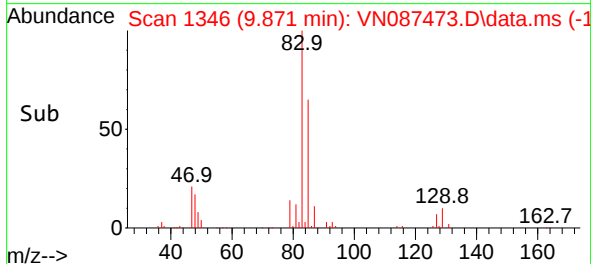
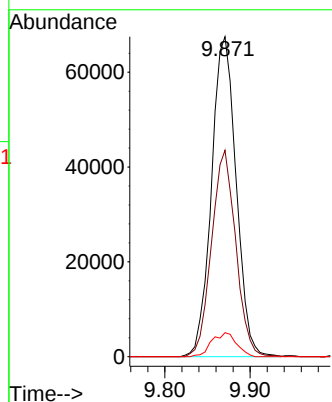
Tgt Ion: 83 Resp: 135570
Ion Ratio Lower Upper
83 100
85 64.5 52.9 79.3
127 7.5 5.8 8.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

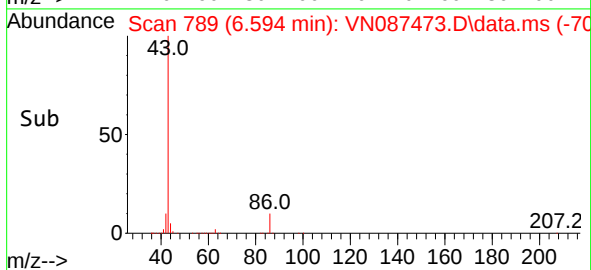
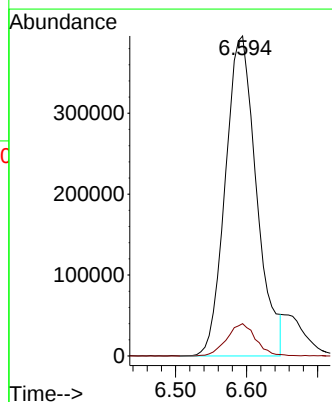
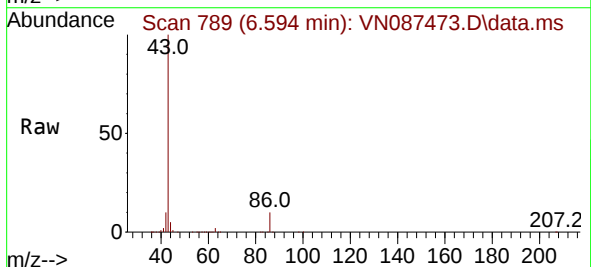
08/07/2025
Supervised By :Mahesh
Dadoda

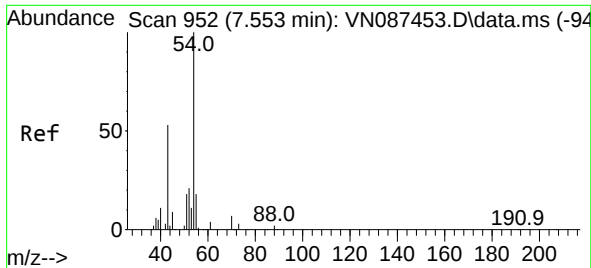
08/07/2025



#42
Vinyl Acetate
Concen: 83.170 ug/l
RT: 6.594 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

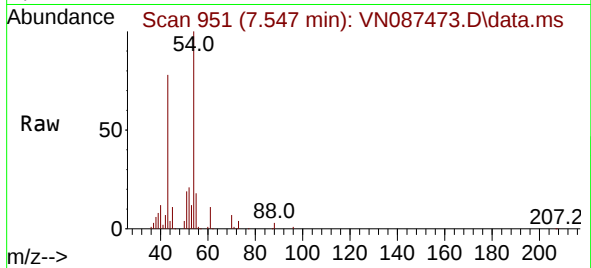
Tgt Ion: 43 Resp: 1205283
Ion Ratio Lower Upper
43 100
86 9.4 7.3 10.9





#43
Ethyl Acetate
Concen: 16.899 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



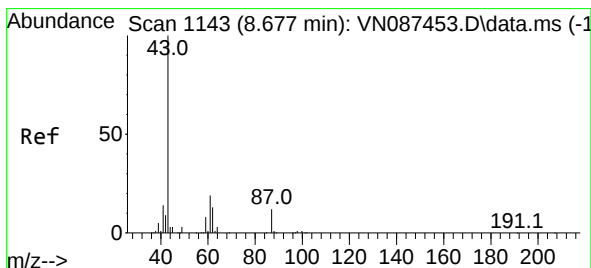
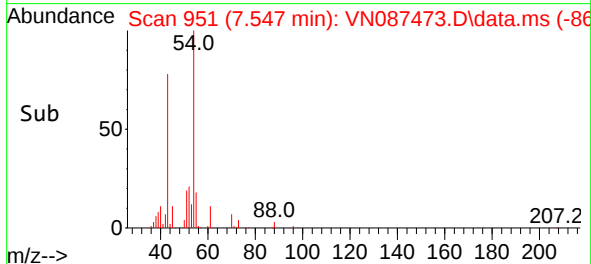
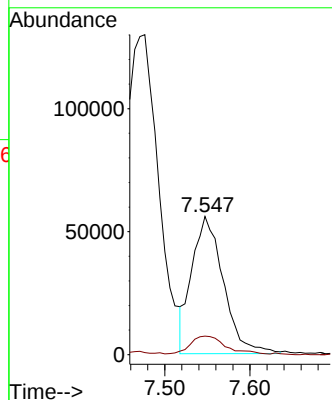
Tgt Ion: 43 Resp: 143662
Ion Ratio Lower Upper
43 100
45 13.0 11.1 16.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

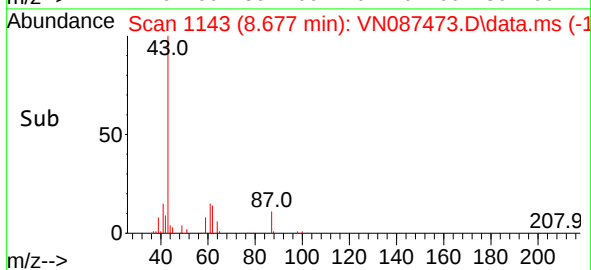
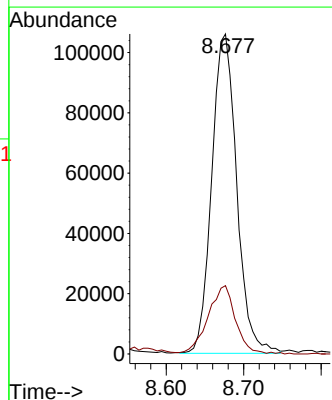
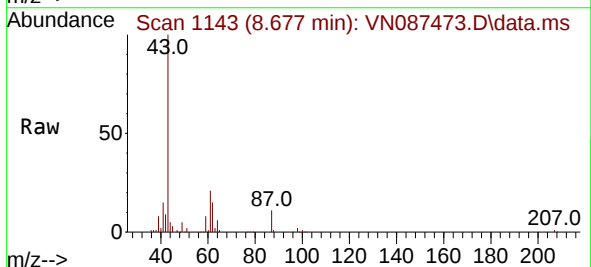
08/07/2025
Supervised By :Mahesh
Dadoda

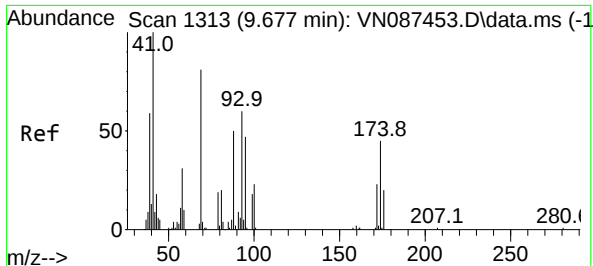
08/07/2025



#44
Isopropyl Acetate
Concen: 16.523 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

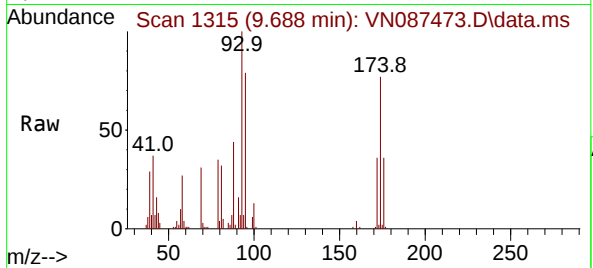
Tgt Ion: 43 Resp: 238107
Ion Ratio Lower Upper
43 100
61 23.4 18.6 28.0





#45
1,4-Dioxane
Concen: 334.612 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.012 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



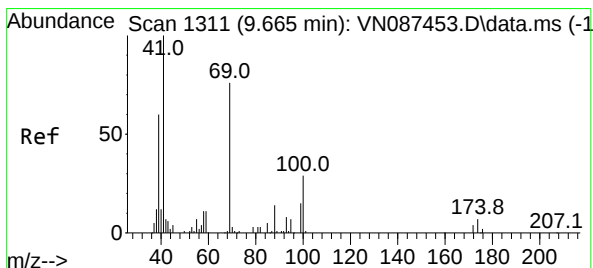
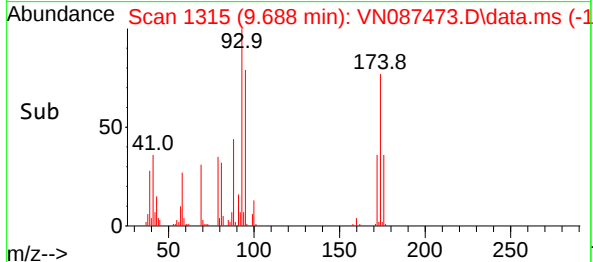
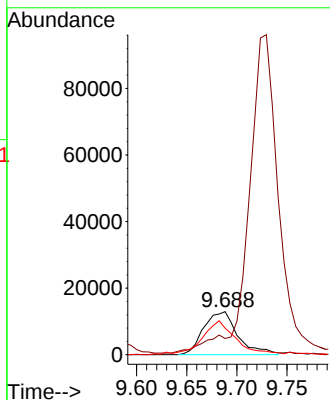
Tgt Ion: 88 Resp: 30740
Ion Ratio Lower Upper
88 100
43 31.6 24.1 36.1
58 71.6 57.2 85.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

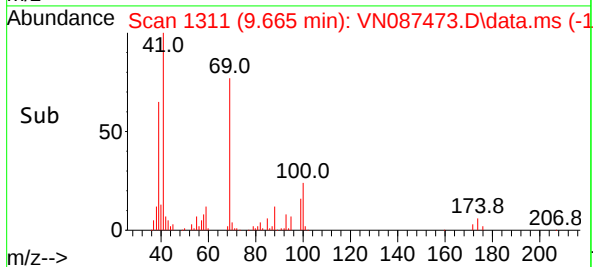
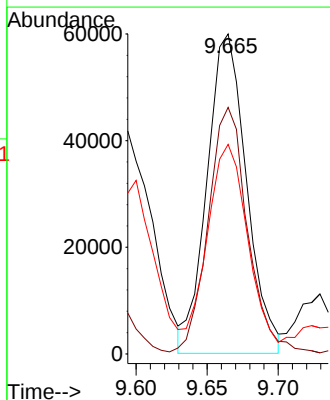
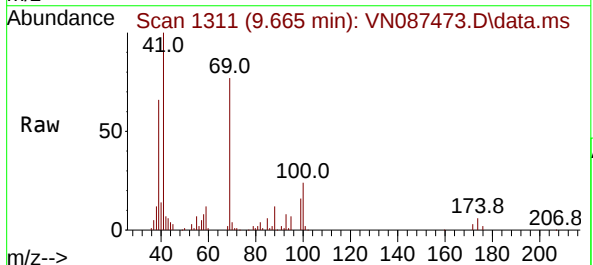
08/07/2025
Supervised By :Mahesh
Dadoda

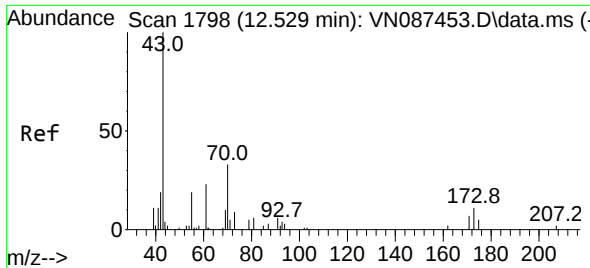
08/07/2025



#46
Methyl methacrylate
Concen: 17.058 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

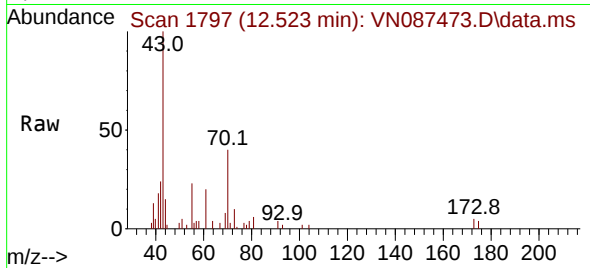
Tgt Ion: 41 Resp: 116037
Ion Ratio Lower Upper
41 100
69 80.2 37.1 111.5
39 66.0 30.7 92.1





#47
n-amy1 Acetate
Concen: 17.426 ug/l m
RT: 12.523 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



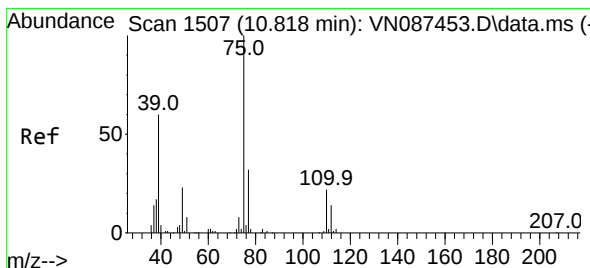
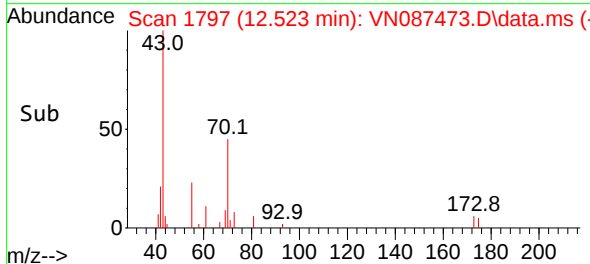
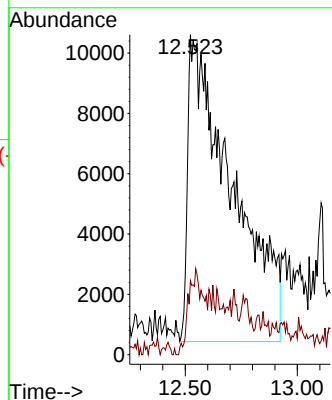
Tgt Ion: 43 Resp: 138723
Ion Ratio Lower Upper
43 100
55 0.1 4.6 6.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

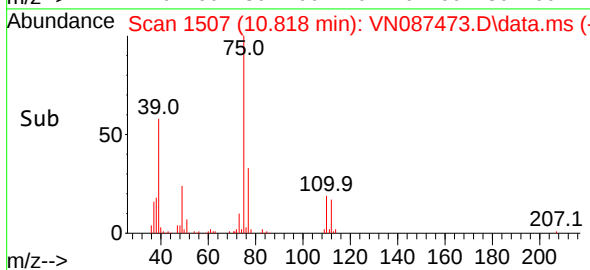
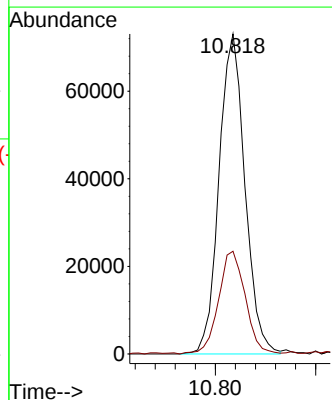
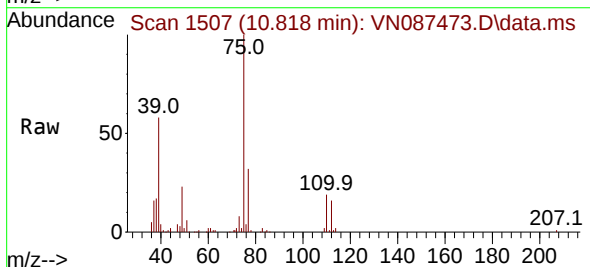
08/07/2025
Supervised By :Mahesh
Dadoda

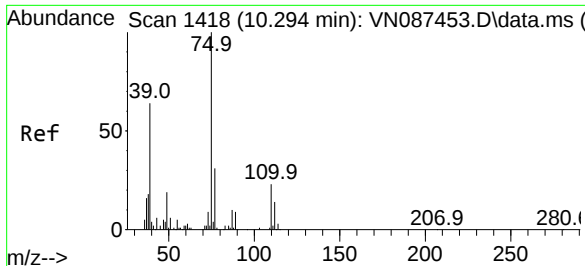
08/07/2025



#48
t-1,3-Dichloropropene
Concen: 15.947 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

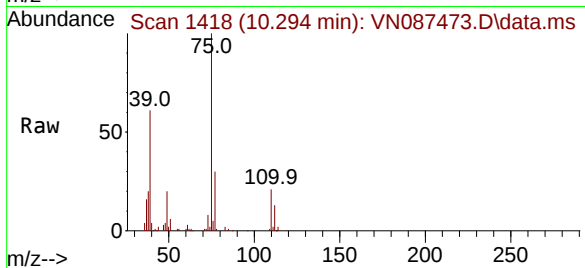
Tgt Ion: 75 Resp: 130691
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 16.243 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087473.D
 Acq: 06 Aug 2025 11:50

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



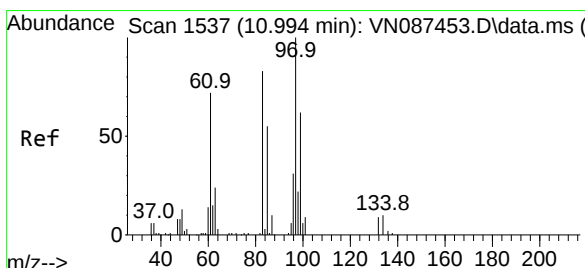
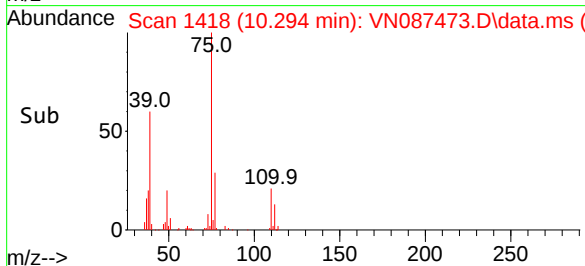
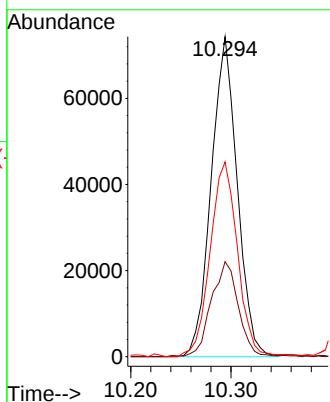
Tgt Ion: 75 Resp: 133970
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.6 36.8
 39 60.8 51.5 77.3

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

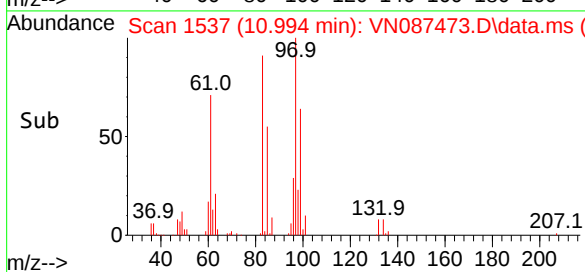
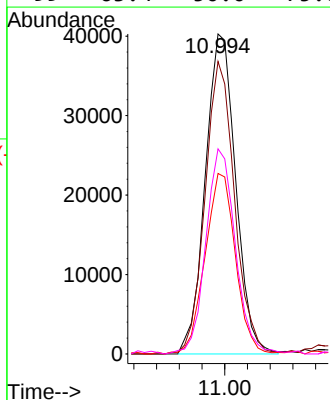
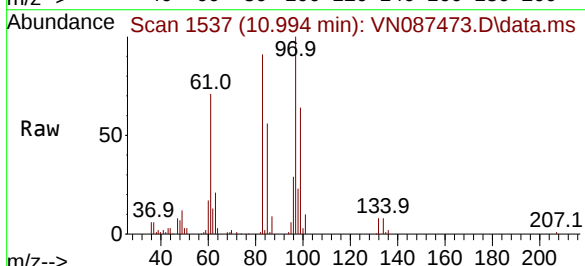
08/07/2025
 Supervised By :Mahesh
 Dadoda

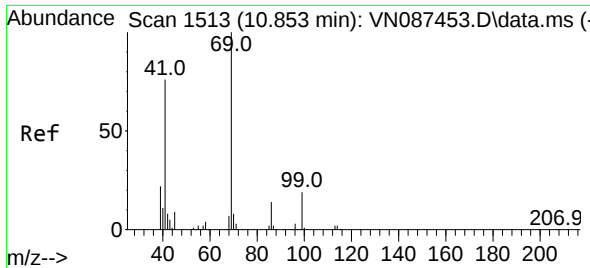
08/07/2025



#50
 1,1,2-Trichloroethane
 Concen: 16.332 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087473.D
 Acq: 06 Aug 2025 11:50

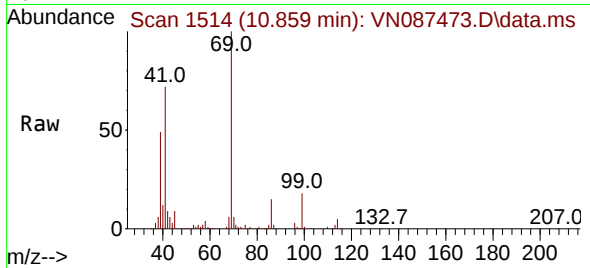
Tgt Ion: 97 Resp: 74807
 Ion Ratio Lower Upper
 97 100
 83 90.9 66.2 99.2
 85 56.0 43.9 65.9
 99 63.4 50.0 75.0





#51
Ethyl methacrylate
Concen: 16.314 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



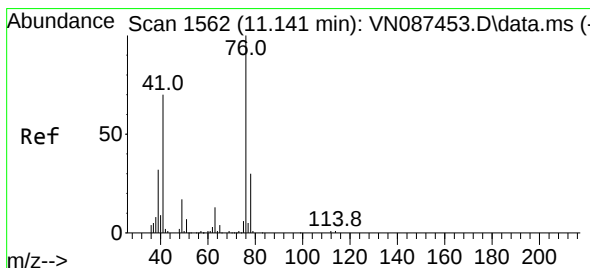
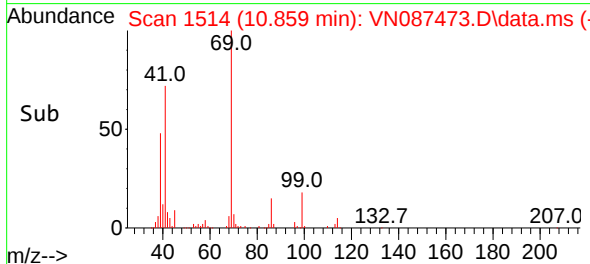
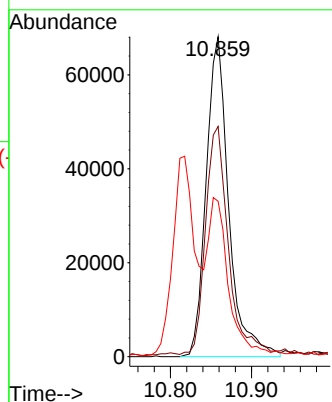
Tgt Ion: 69 Resp: 131600
Ion Ratio Lower Upper
69 100
41 71.2 38.0 114.1
39 47.3 23.2 69.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

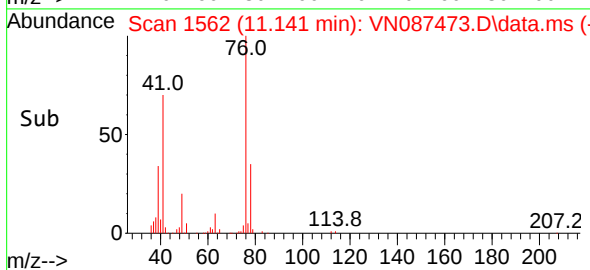
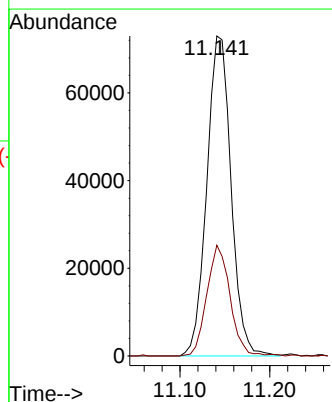
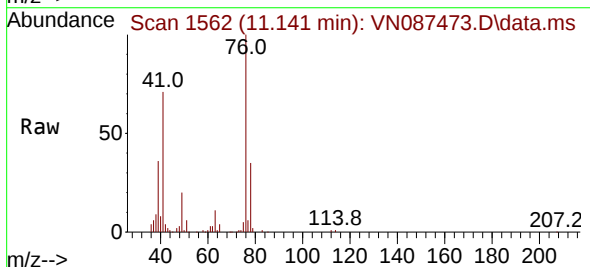
08/07/2025
Supervised By :Mahesh
Dadoda

08/07/2025



#52
1,3-Dichloropropane
Concen: 16.617 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

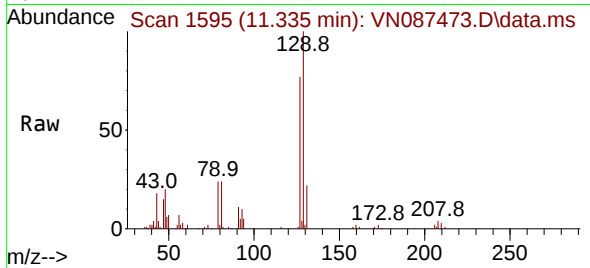
Tgt Ion: 76 Resp: 137123
Ion Ratio Lower Upper
76 100
78 32.7 0.0 63.0





#53
Dibromochloromethane
Concen: 16.531 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



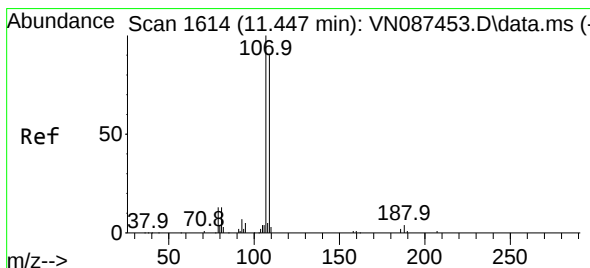
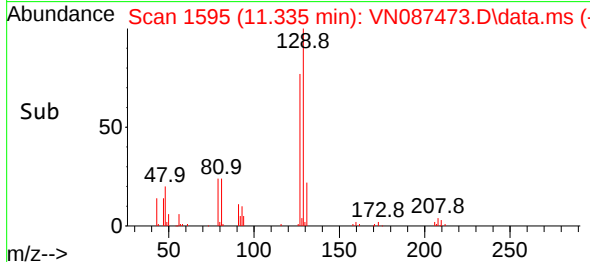
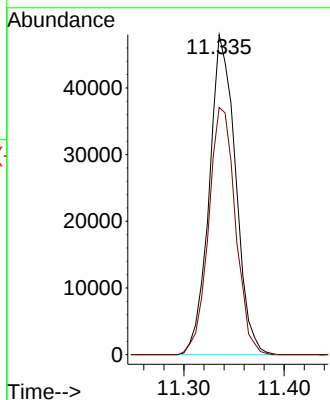
Tgt Ion:129 Resp: 8744
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

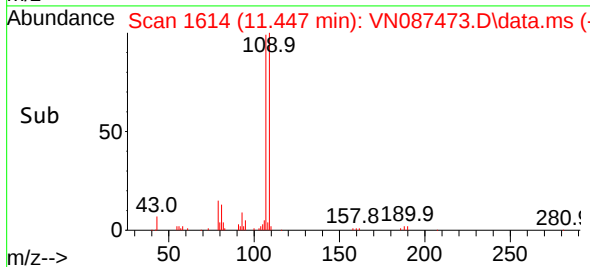
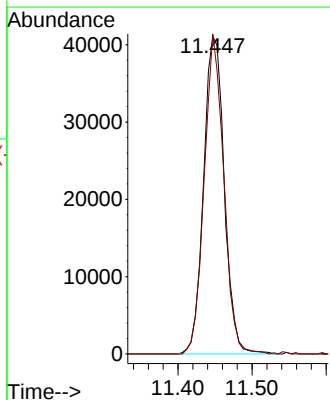
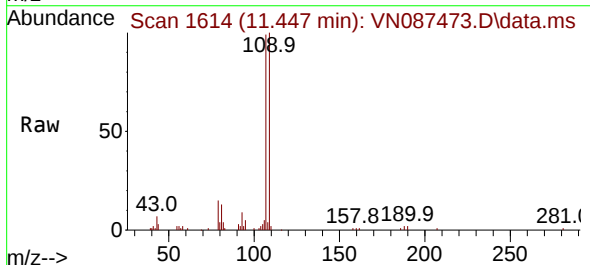
08/07/2025
Supervised By :Mahesh
Dadoda

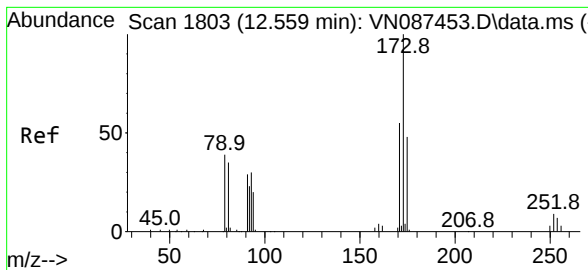
08/07/2025



#54
1,2-Dibromoethane
Concen: 16.354 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

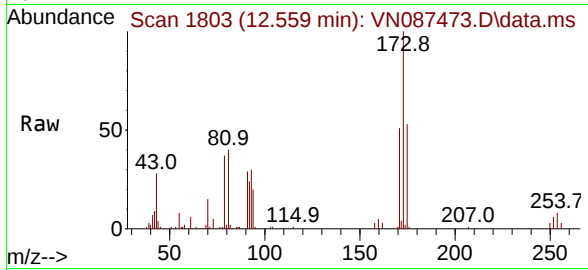
Tgt Ion:107 Resp: 79517
Ion Ratio Lower Upper
107 100
109 95.4 74.2 111.4





#56
Bromoform
Concen: 16.249 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



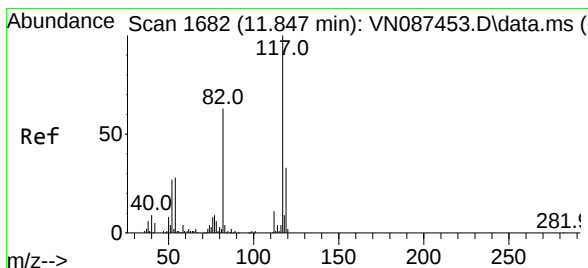
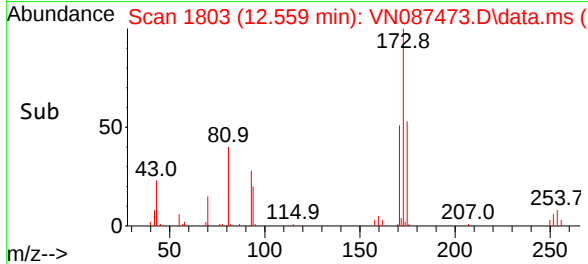
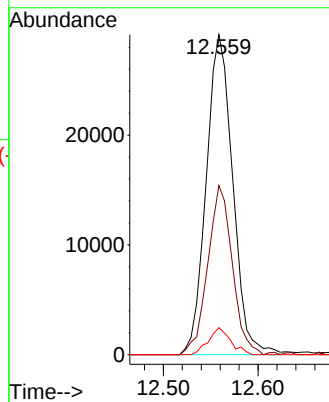
Tgt Ion:173 Resp: 5685
Ion Ratio Lower Upper
173 100
175 48.9 38.8 58.2
254 7.1 3.9 5.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

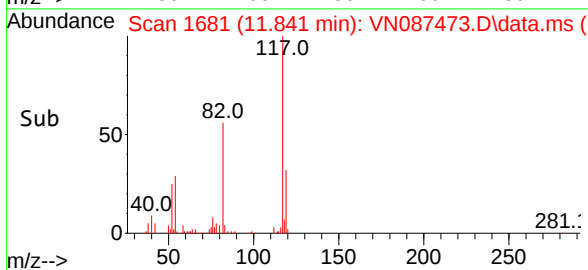
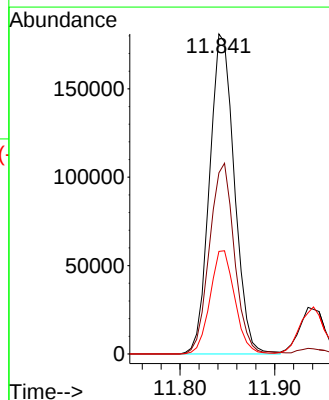
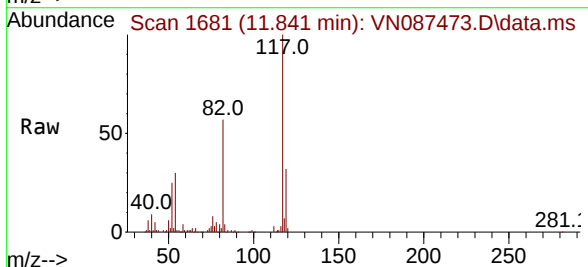
08/07/2025
Supervised By :Mahesh
Dadoda

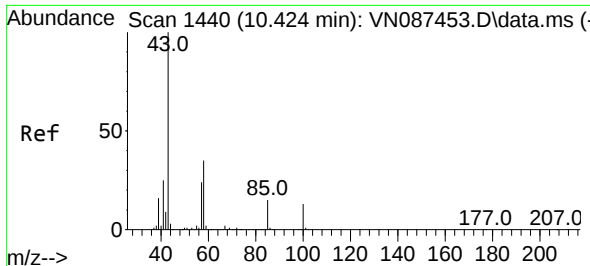
08/07/2025



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

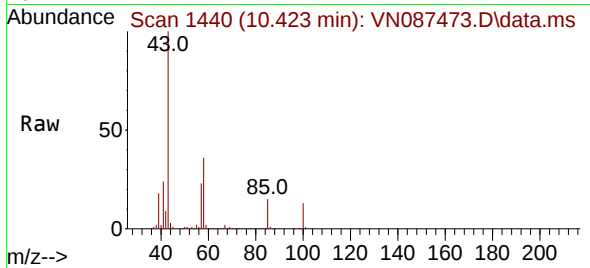
Tgt Ion:117 Resp: 329820
Ion Ratio Lower Upper
117 100
82 59.7 49.2 73.8
119 32.2 25.7 38.5





#58
4-Methyl-2-Pentanone
Concen: 83.826 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



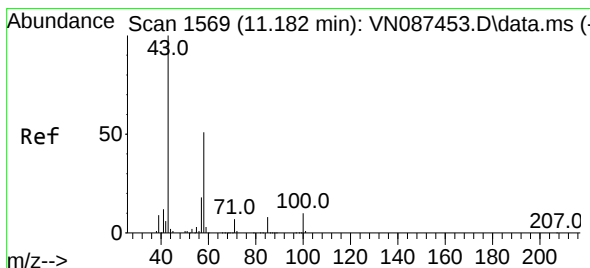
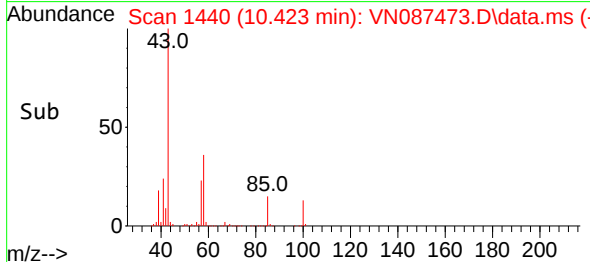
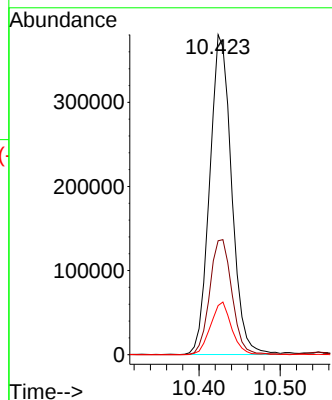
Tgt Ion: 43 Resp: 711224
Ion Ratio Lower Upper
43 100
58 36.7 29.0 43.6
85 15.8 12.7 19.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

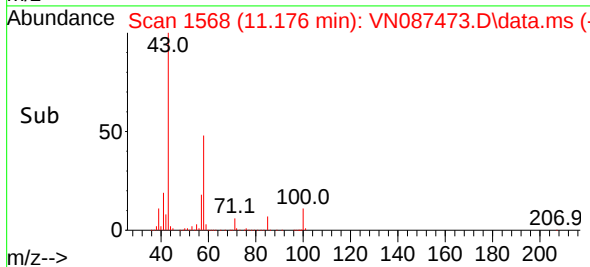
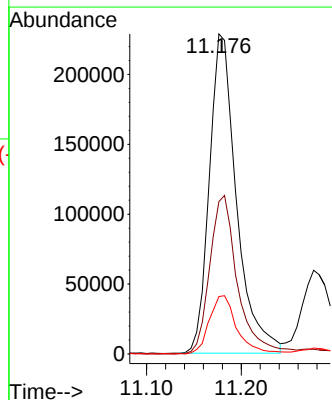
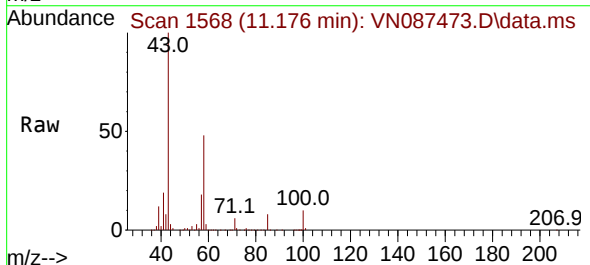
08/07/2025
Supervised By :Mahesh
Dadoda

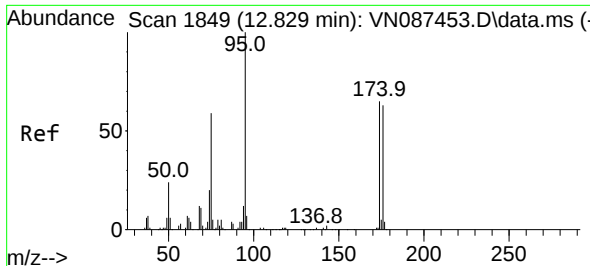
08/07/2025



#59
2-Hexanone
Concen: 79.131 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

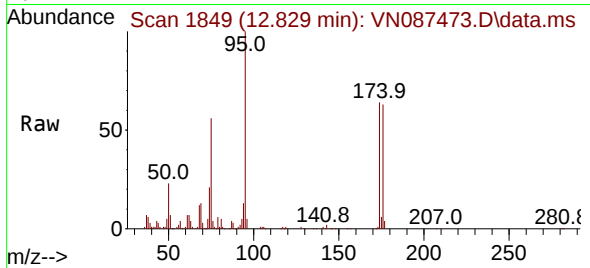
Tgt Ion: 43 Resp: 456177
Ion Ratio Lower Upper
43 100
58 50.9 41.0 61.6
57 18.7 14.6 21.8





#60
4-Bromofluorobenzene
Concen: 29.692 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



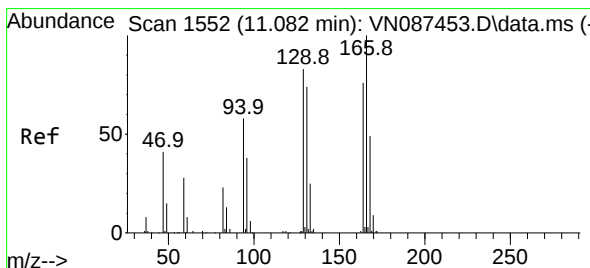
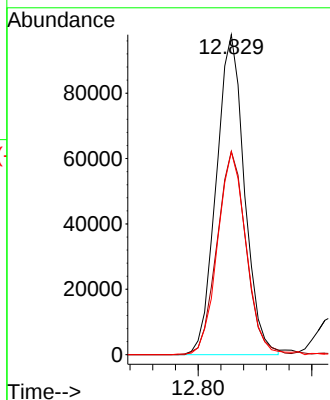
Tgt Ion: 95 Resp: 168534
Ion Ratio Lower Upper
95 100
174 65.5 52.3 78.5
176 64.3 49.8 74.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

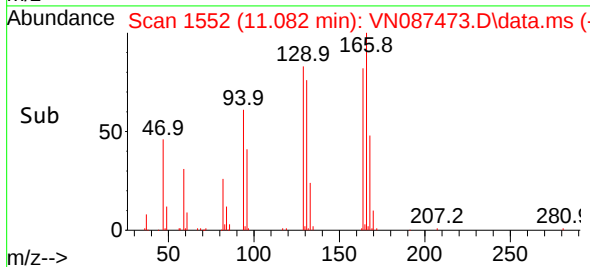
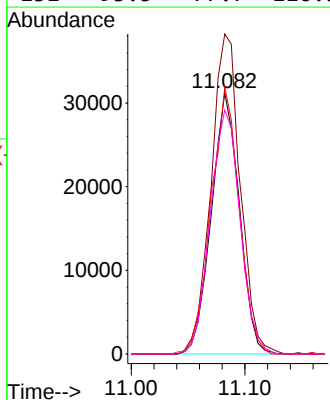
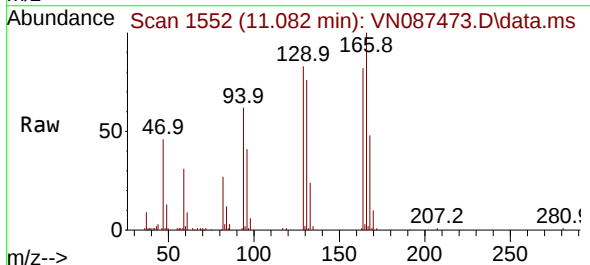
08/07/2025
Supervised By :Mahesh
Dadoda

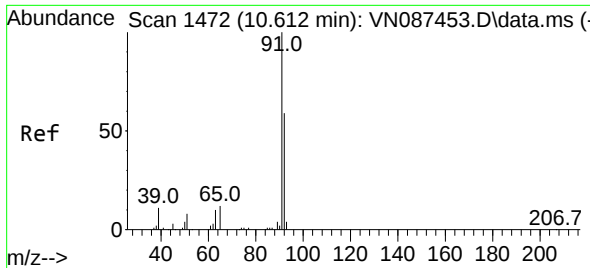
08/07/2025



#61
Tetrachloroethene
Concen: 16.610 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

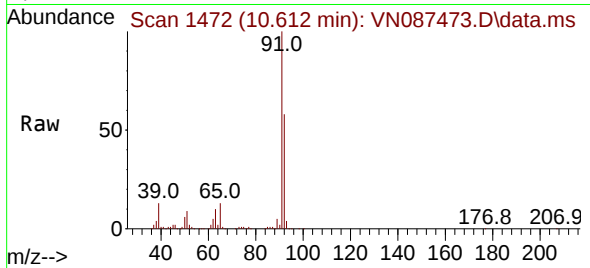
Tgt Ion:164 Resp: 53372
Ion Ratio Lower Upper
164 100
166 122.7 105.4 158.0
129 102.2 87.7 131.5
131 93.5 77.7 116.5





#62
Toluene
Concen: 21.597 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



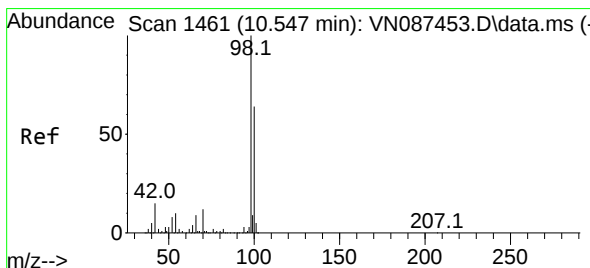
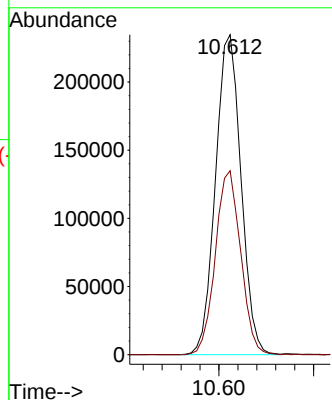
Tgt Ion: 91 Resp: 439632
Ion Ratio Lower Upper
91 100
92 57.0 45.8 68.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

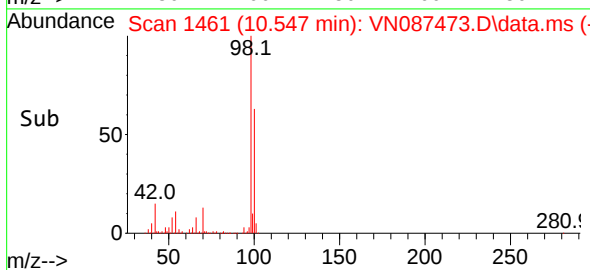
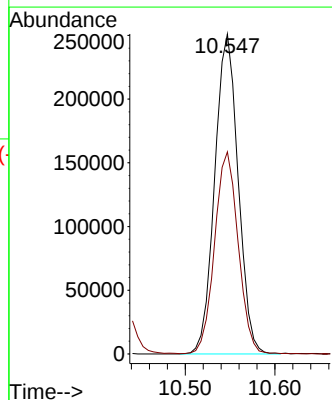
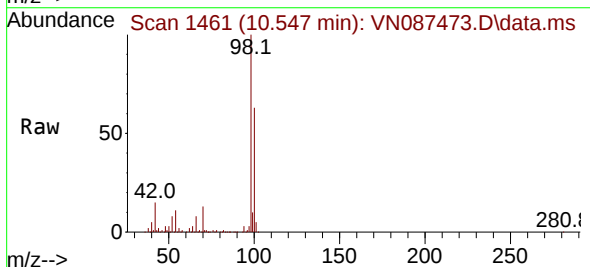
08/07/2025
Supervised By :Mahesh
Dadoda

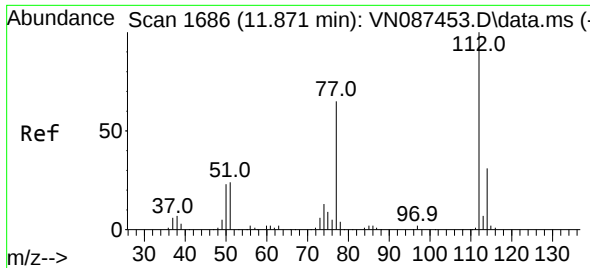
08/07/2025



#63
Toluene-d8
Concen: 29.977 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

Tgt Ion: 98 Resp: 454924
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7





#64
Chlorobenzene
Concen: 16.334 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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

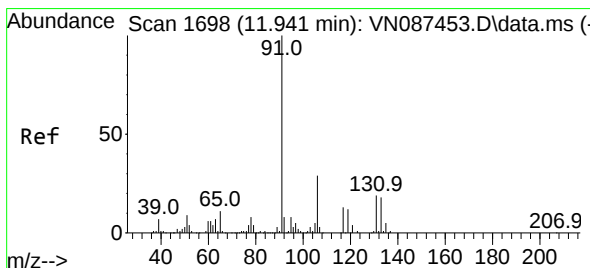
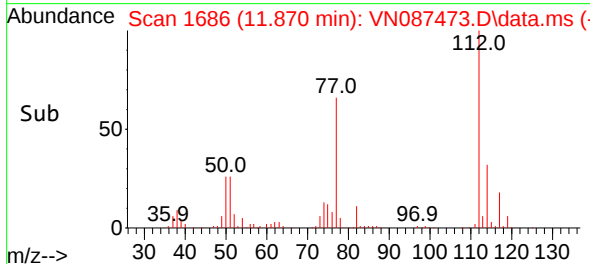
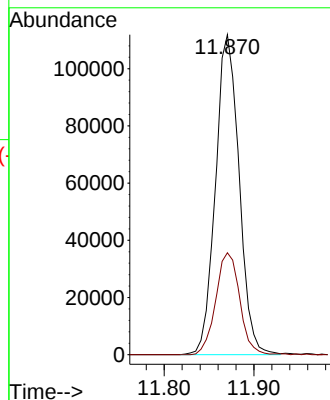
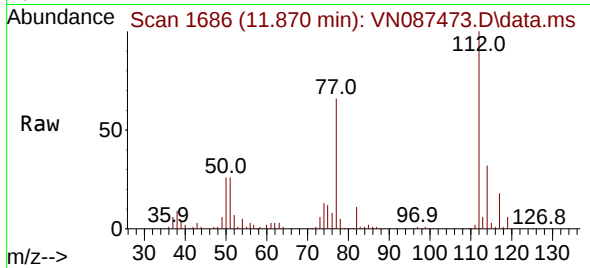
Tgt Ion:112 Resp: 20431
Ion Ratio Lower Upper
112 100
114 31.8 24.7 37.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

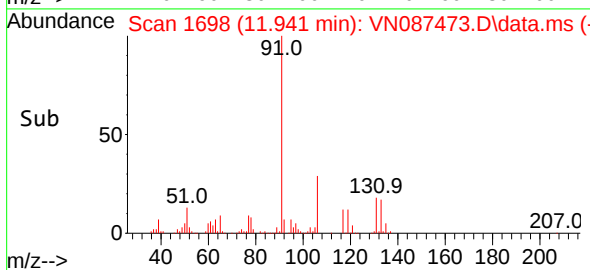
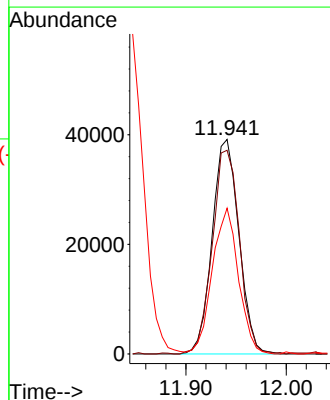
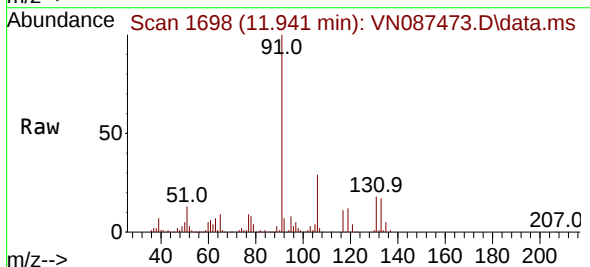
08/07/2025
Supervised By :Mahesh
Dadoda

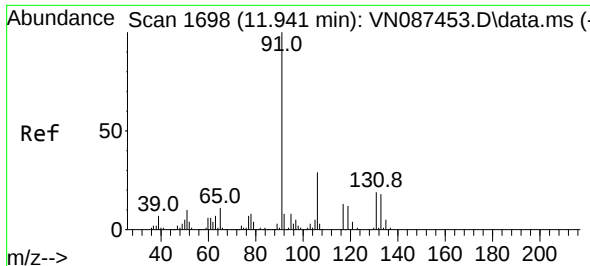
08/07/2025



#65
1,1,1,2-Tetrachloroethane
Concen: 16.473 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

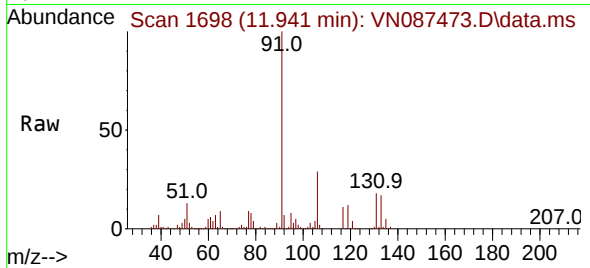
Tgt Ion:131 Resp: 72443
Ion Ratio Lower Upper
131 100
133 96.6 0.0 189.8
119 66.6 0.0 133.2





#66
Ethyl Benzene
Concen: 16.893 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



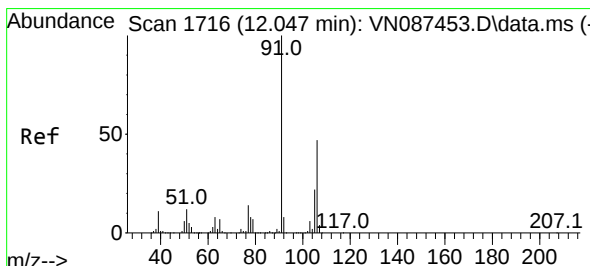
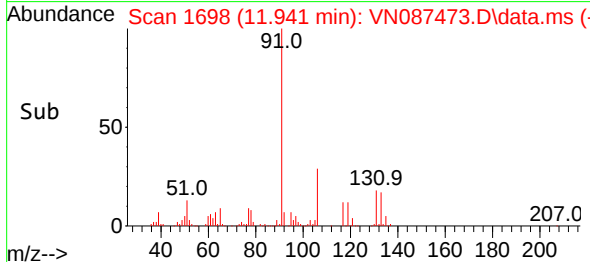
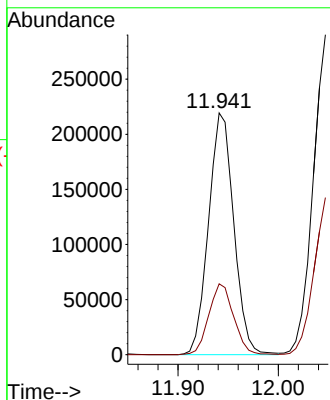
Tgt Ion: 91 Resp: 383279
Ion Ratio Lower Upper
91 100
106 29.3 22.9 34.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

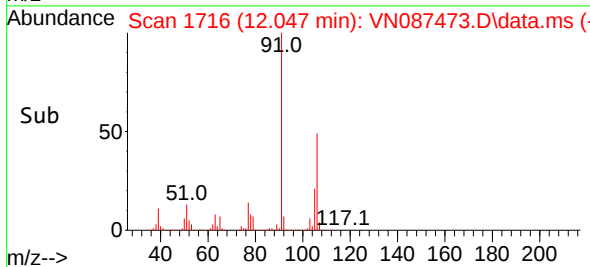
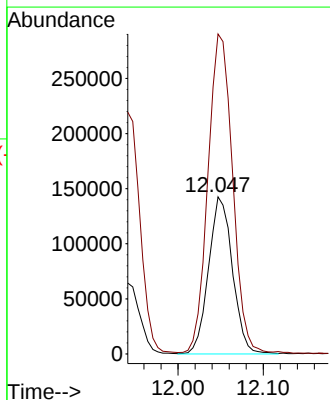
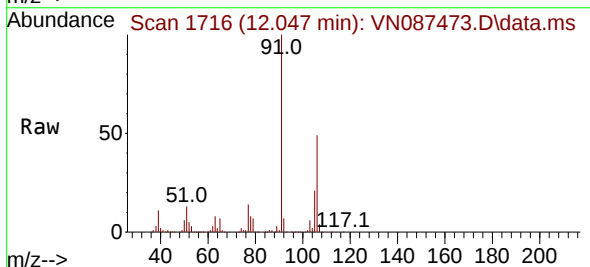
08/07/2025
Supervised By :Mahesh
Dadoda

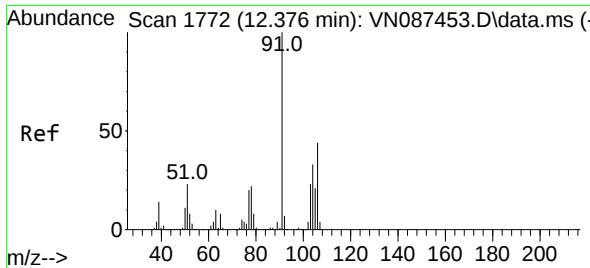
08/07/2025



#67
m/p-Xylenes
Concen: 33.402 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

Tgt Ion:106 Resp: 278183
Ion Ratio Lower Upper
106 100
91 209.4 174.2 261.2





#68
o-Xylene
Concen: 16.292 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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

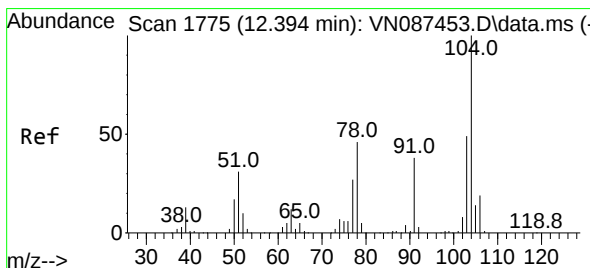
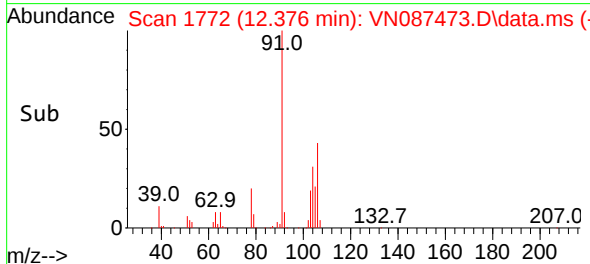
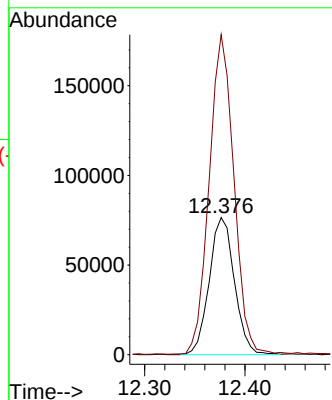
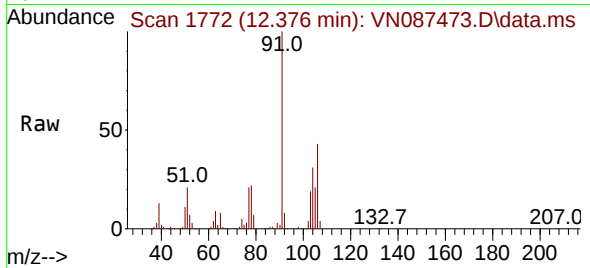
Tgt Ion:106 Resp: 133484
Ion Ratio Lower Upper
106 100
91 227.1 114.5 343.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

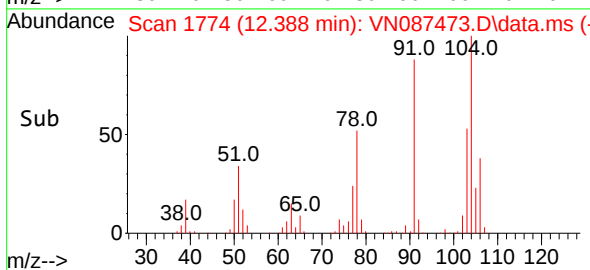
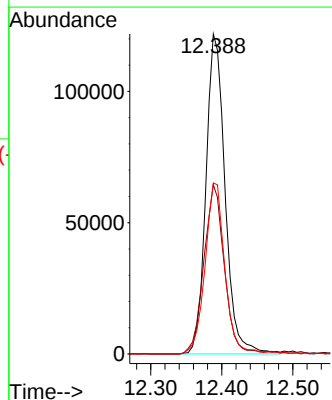
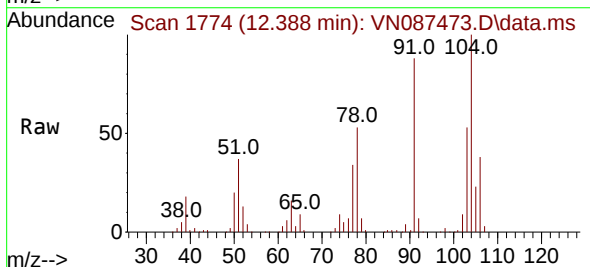
08/07/2025
Supervised By :Mahesh
Dadoda

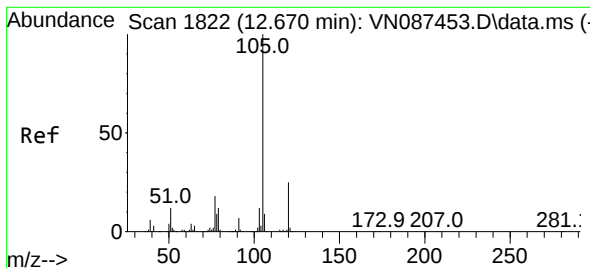
08/07/2025



#69
Styrene
Concen: 16.323 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

Tgt Ion:104 Resp: 228360
Ion Ratio Lower Upper
104 100
78 55.9 43.8 65.8
103 54.8 43.1 64.7





#70

Isopropylbenzene

Concen: 16.650 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087473.D

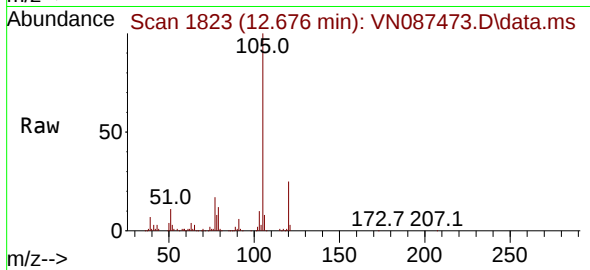
Acq: 06 Aug 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion:105 Resp: 34658

Ion Ratio Lower Upper

105 100

120 25.3 17.5 32.5

Manual Integrations

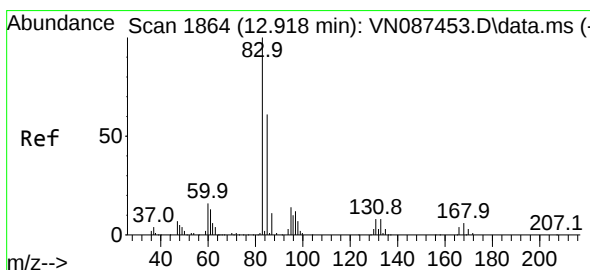
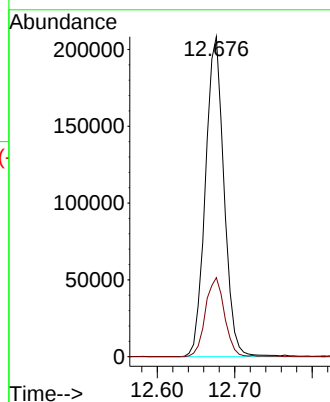
APPROVED

Reviewed By :John
Carlone

08/07/2025

Supervised By :Mahesh
Dadoda

08/07/2025



#71

1,1,2,2-Tetrachloroethane

Concen: 16.794 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN087473.D

Acq: 06 Aug 2025 11:50

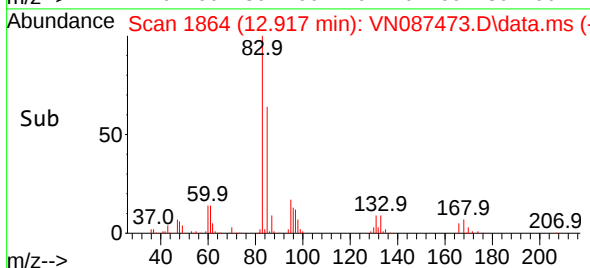
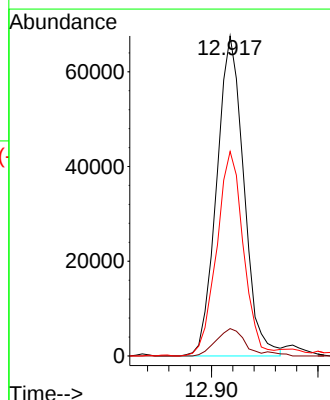
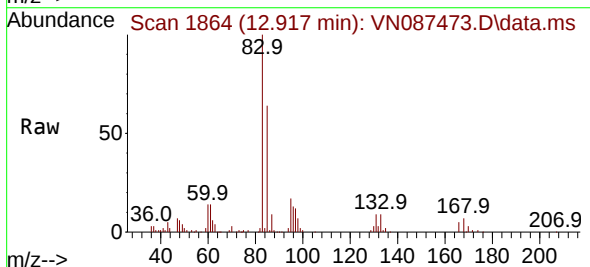
Tgt Ion: 83 Resp: 119782

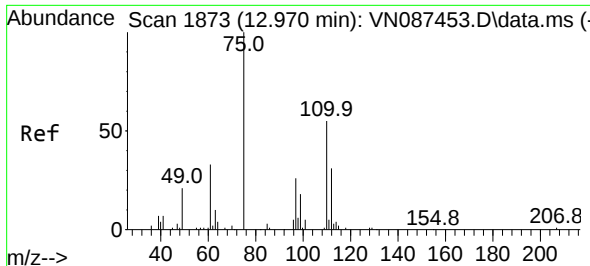
Ion Ratio Lower Upper

83 100

131 8.8 4.8 14.3

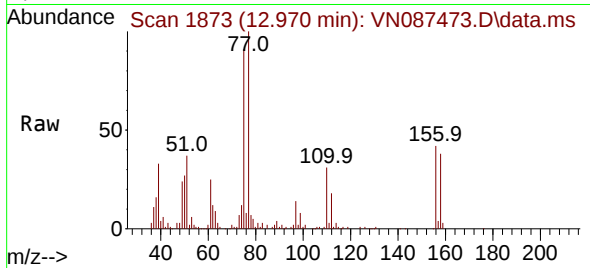
85 63.0 31.7 95.1





#72
1,2,3-Trichloropropane
Concen: 18.247 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



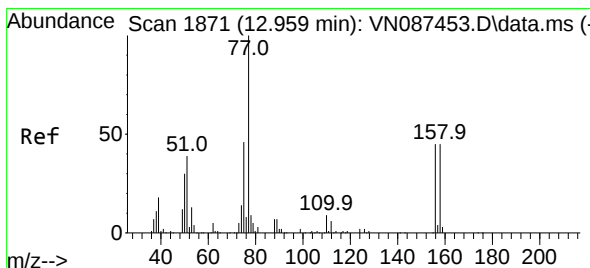
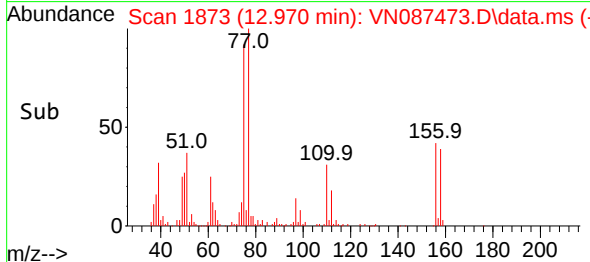
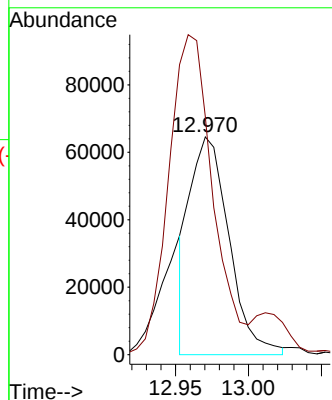
Tgt Ion: 75 Resp: 121240
Ion Ratio Lower Upper
75 100
77 164.7 0.0 385.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

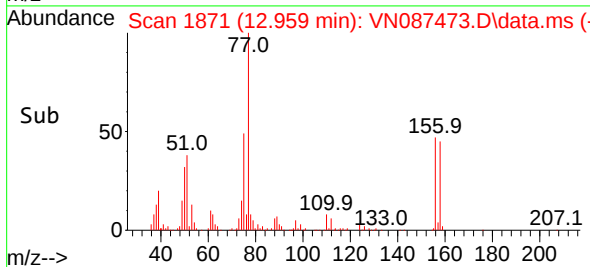
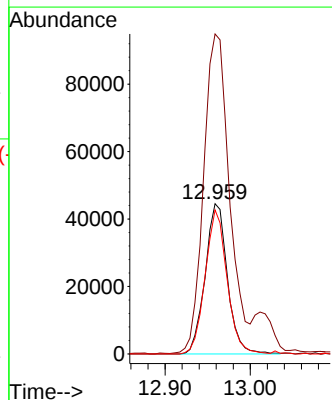
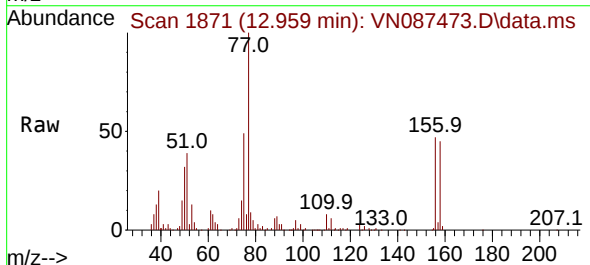
08/07/2025
Supervised By :Mahesh
Dadoda

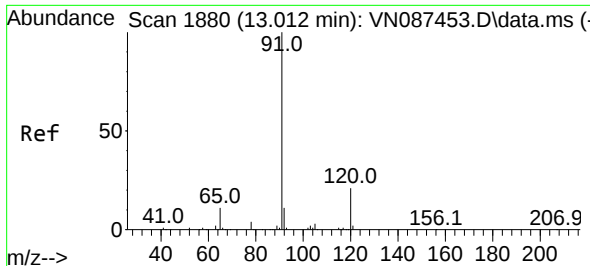
08/07/2025



#73
Bromobenzene
Concen: 16.737 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

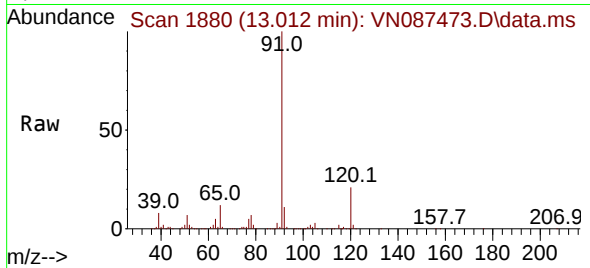
Tgt Ion:156 Resp: 80766
Ion Ratio Lower Upper
156 100
77 247.2 0.0 506.6
158 94.2 0.0 193.6





#74
n-propylbenzene
Concen: 16.694 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



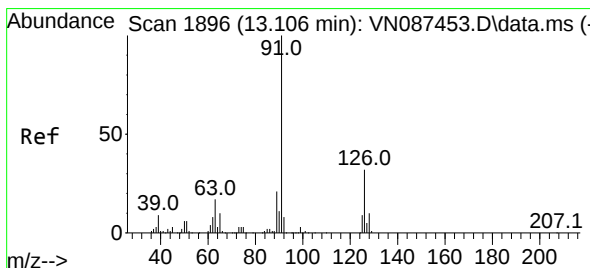
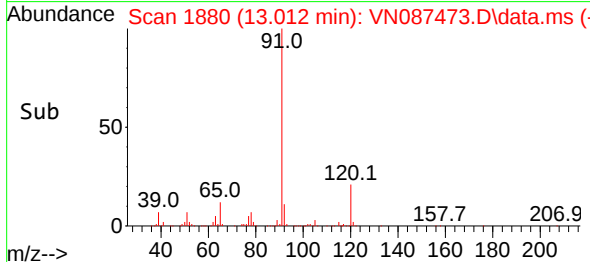
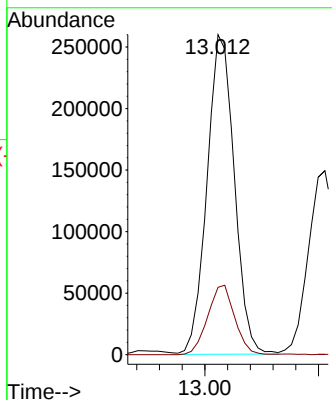
Tgt Ion: 91 Resp: 433988
Ion Ratio Lower Upper
91 100
120 21.4 0.0 41.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

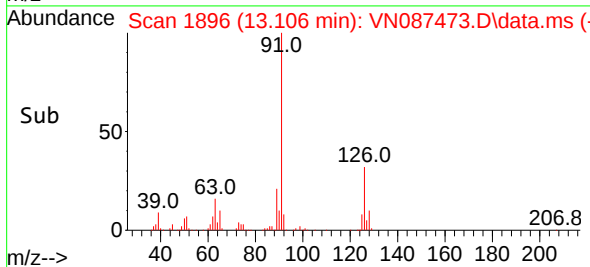
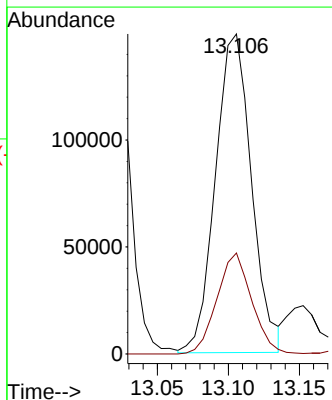
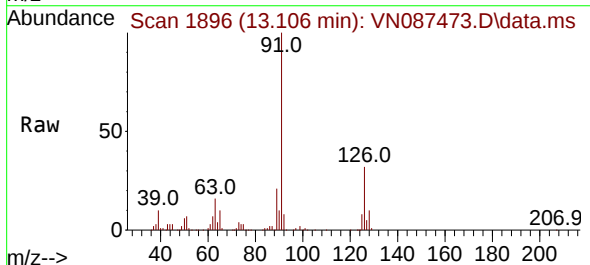
08/07/2025
Supervised By :Mahesh
Dadoda

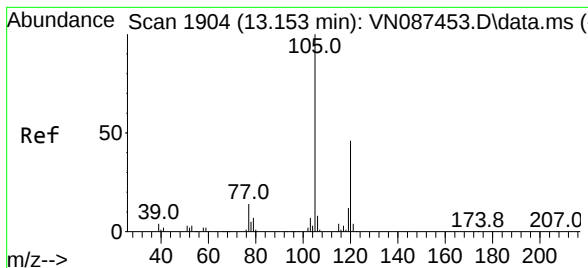
08/07/2025



#75
2-Chlorotoluene
Concen: 16.442 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

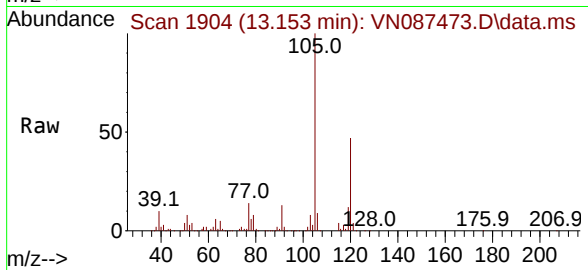
Tgt Ion: 91 Resp: 262927
Ion Ratio Lower Upper
91 100
126 30.5 0.0 60.4





#76
1,3,5-Trimethylbenzene
Concen: 16.457 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



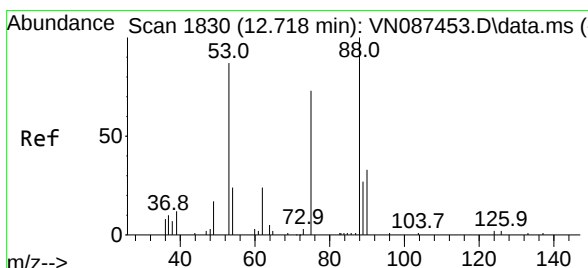
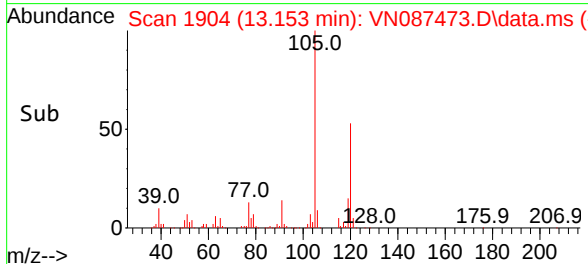
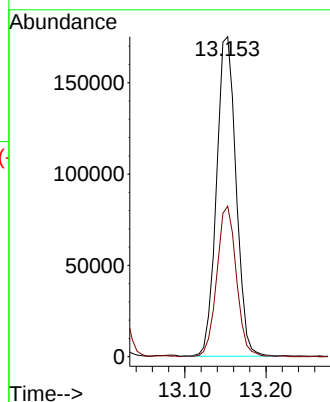
Tgt Ion:105 Resp: 293309
Ion Ratio Lower Upper
105 100
120 47.0 0.0 91.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

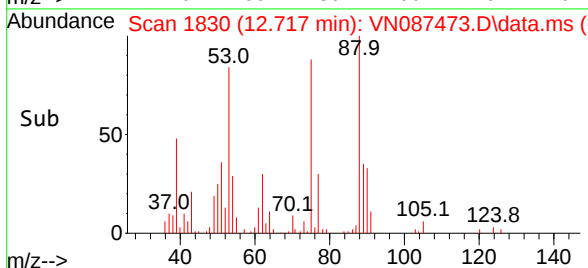
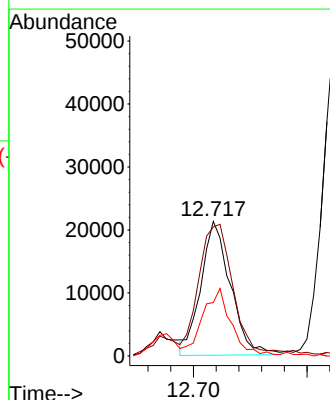
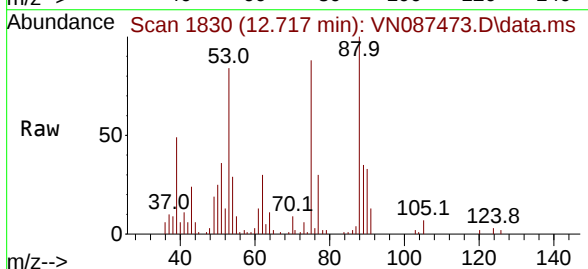
08/07/2025
Supervised By :Mahesh
Dadoda

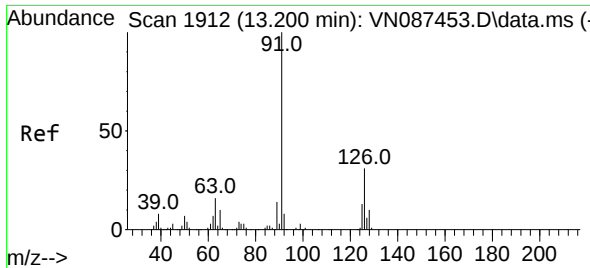
08/07/2025



#77
t-1,4-Dichloro-2-butene
Concen: 15.327 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

Tgt Ion: 75 Resp: 38550
Ion Ratio Lower Upper
75 100
53 94.6 59.0 176.8
89 39.7 22.1 66.5





#78
4-Chlorotoluene
Concen: 16.412 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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

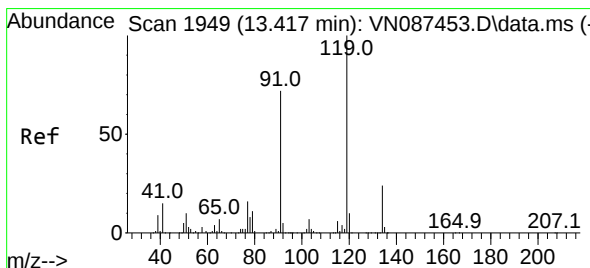
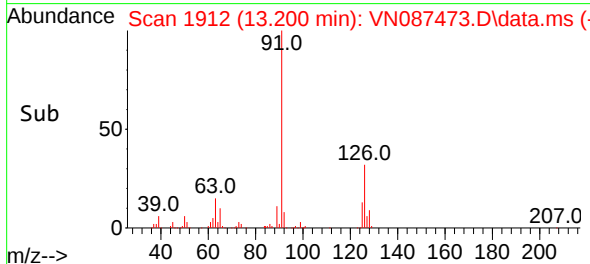
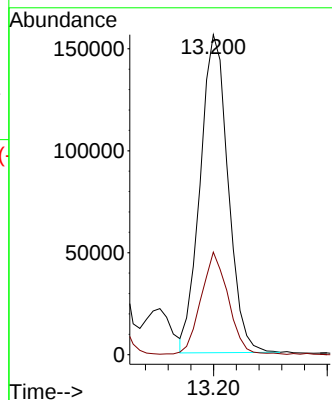
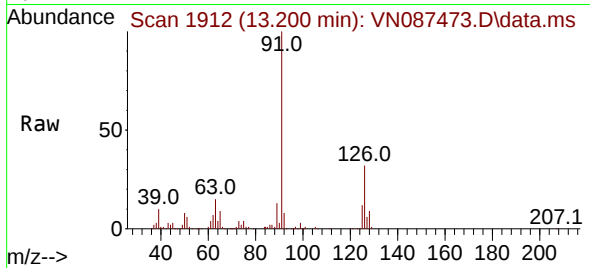
Tgt Ion: 91 Resp: 265950
Ion Ratio Lower Upper
91 100
126 31.8 0.0 63.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

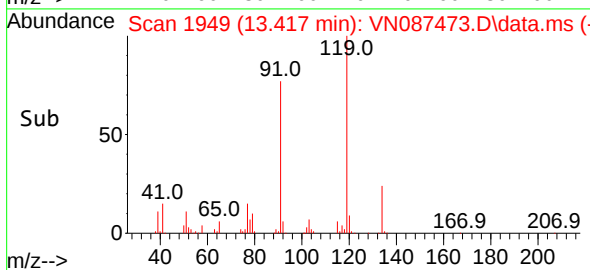
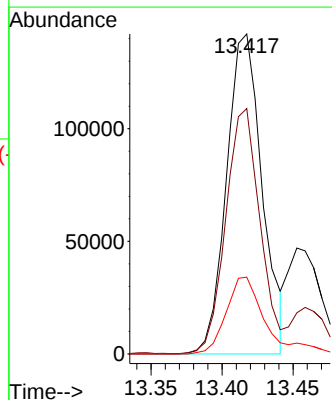
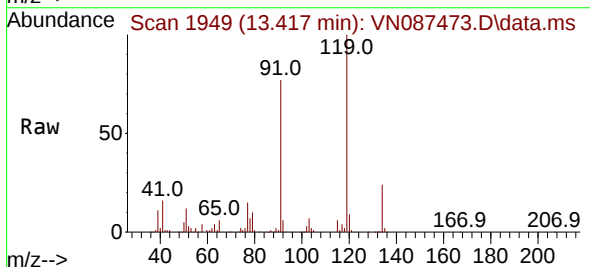
08/07/2025
Supervised By :Mahesh
Dadoda

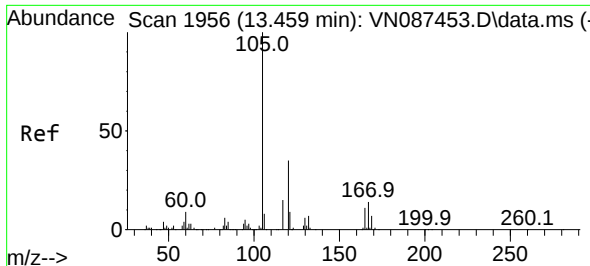
08/07/2025



#79
tert-butylbenzene
Concen: 16.500 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

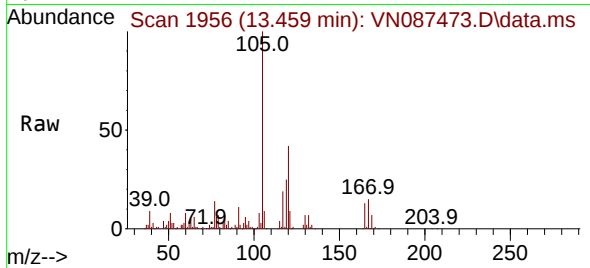
Tgt Ion:119 Resp: 247938
Ion Ratio Lower Upper
119 100
91 73.4 0.0 141.6
134 24.2 0.0 45.6





#80
1,2,4-Trimethylbenzene
Concen: 16.562 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



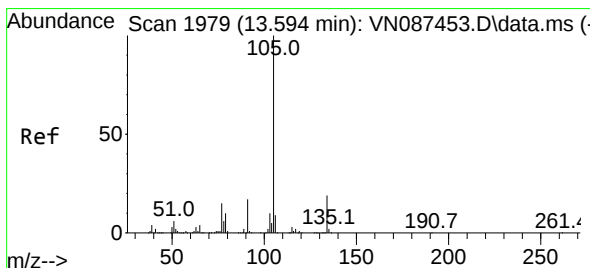
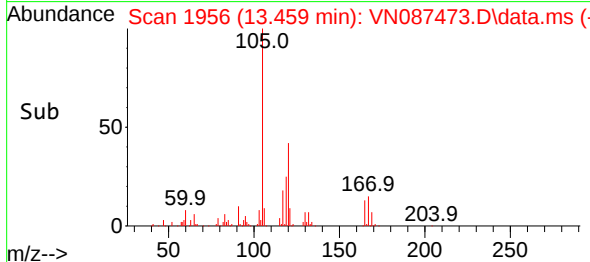
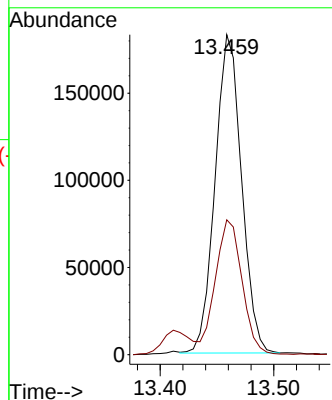
Tgt Ion:105 Resp: 294958
Ion Ratio Lower Upper
105 100
120 42.2 0.0 87.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

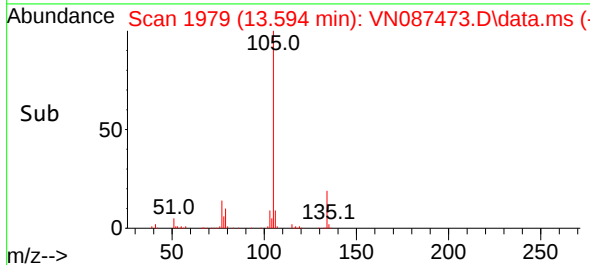
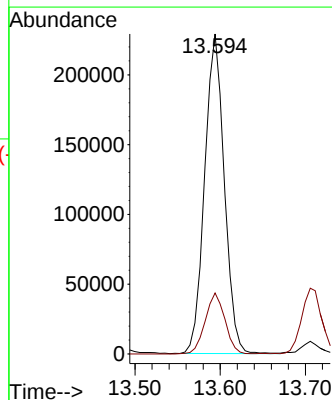
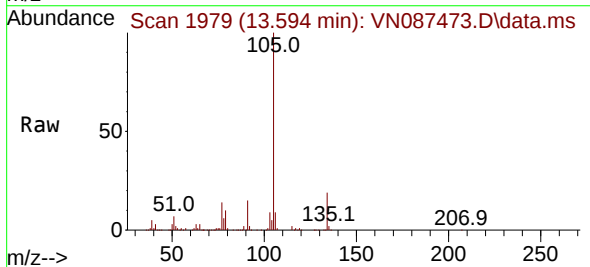
08/07/2025
Supervised By :Mahesh
Dadoda

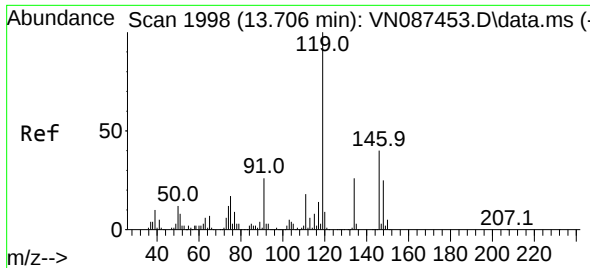
08/07/2025



#81
sec-Butylbenzene
Concen: 16.762 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

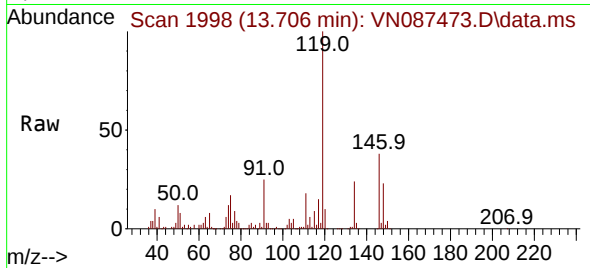
Tgt Ion:105 Resp: 366698
Ion Ratio Lower Upper
105 100
134 19.2 0.0 37.6





#82
p-Isopropyltoluene
Concen: 16.876 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



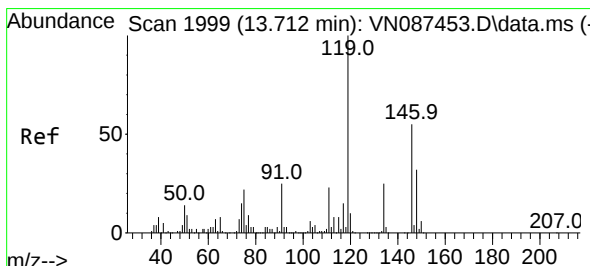
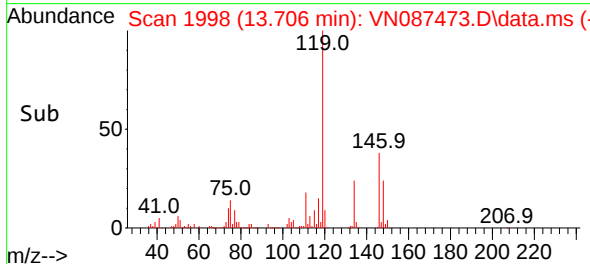
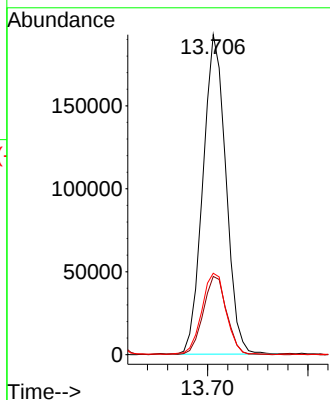
Tgt Ion:119 Resp: 306539
Ion Ratio Lower Upper
119 100
134 25.1 0.0 51.4
91 26.7 0.0 52.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

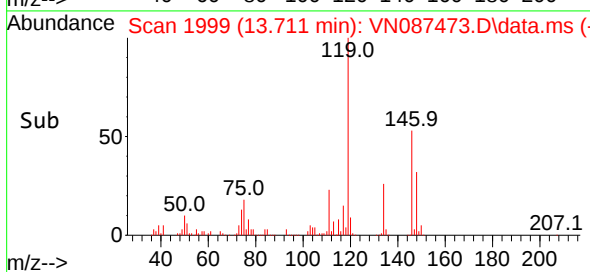
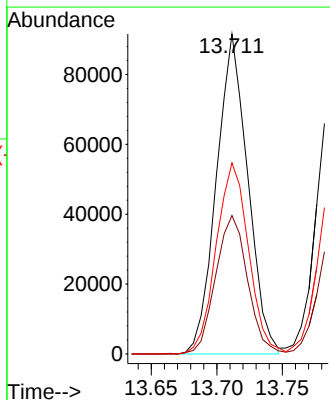
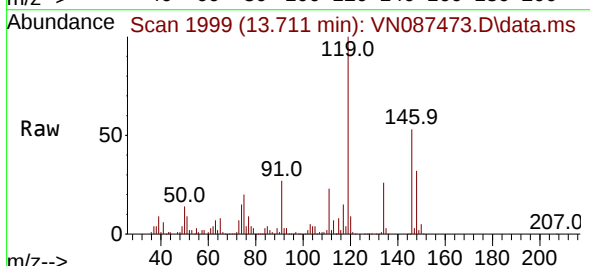
08/07/2025
Supervised By :Mahesh
Dadoda

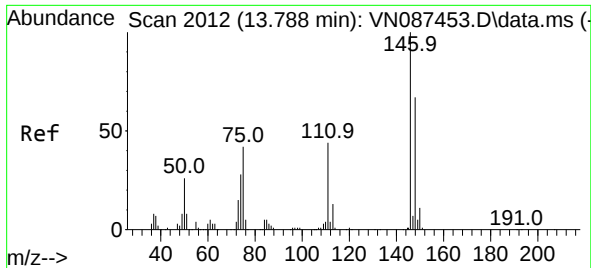
08/07/2025



#83
1,3-Dichlorobenzene
Concen: 16.580 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

Tgt Ion:146 Resp: 152352
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 61.7 31.3 93.9





#84
1,4-Dichlorobenzene
Concen: 16.652 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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

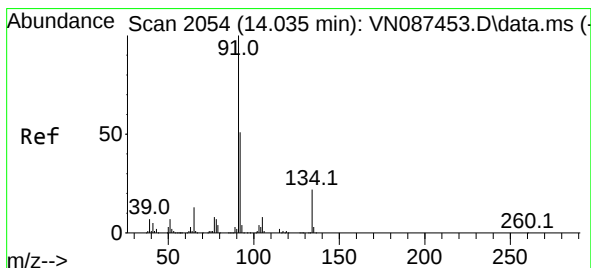
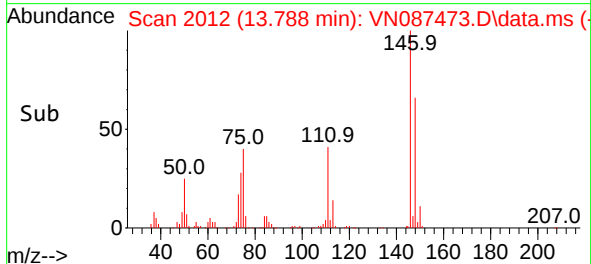
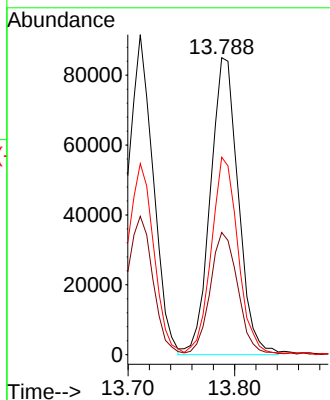
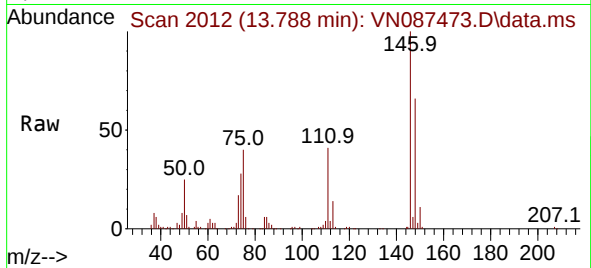
Tgt Ion:146 Resp: 15513
Ion Ratio Lower Upper
146 100
111 40.4 21.1 63.1
148 64.0 31.4 94.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

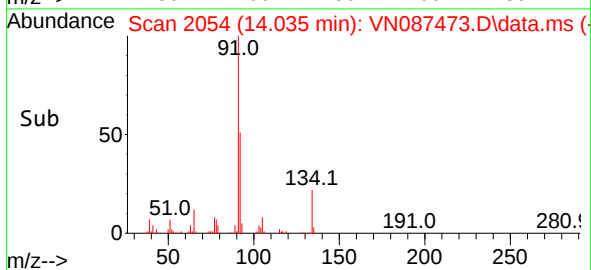
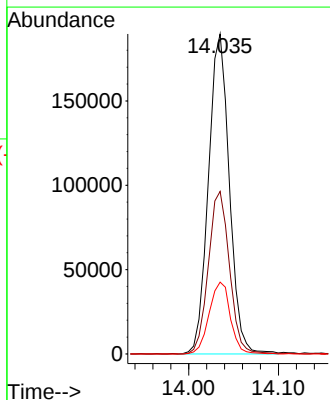
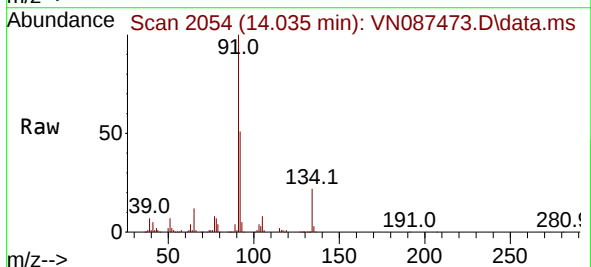
08/07/2025
Supervised By :Mahesh
Dadoda

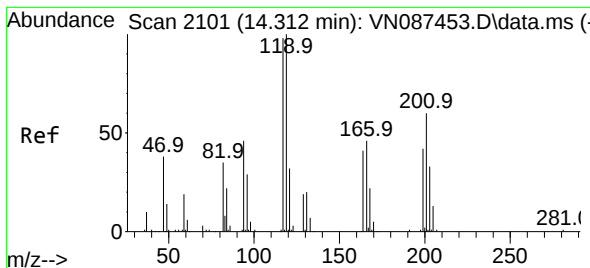
08/07/2025



#85
n-Butylbenzene
Concen: 17.286 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

Tgt Ion: 91 Resp: 307198
Ion Ratio Lower Upper
91 100
92 51.3 0.0 106.6
134 22.8 0.0 44.4





#86

Hexachloroethane

Concen: 15.969 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087473.D

Acq: 06 Aug 2025 11:50

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion:117 Resp: 5664

Ion Ratio Lower Upper

117 100

201 62.6 29.1 87.4

Manual Integrations

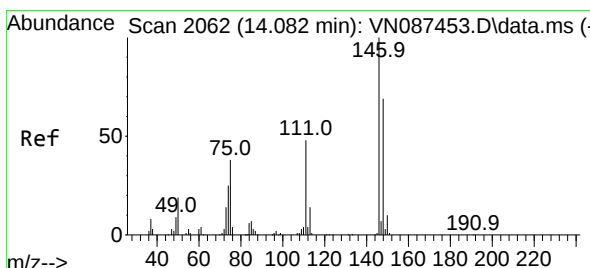
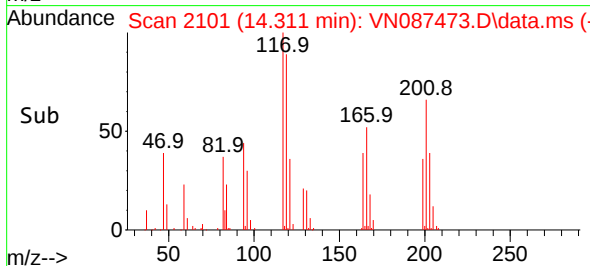
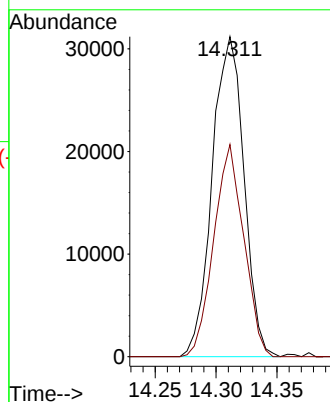
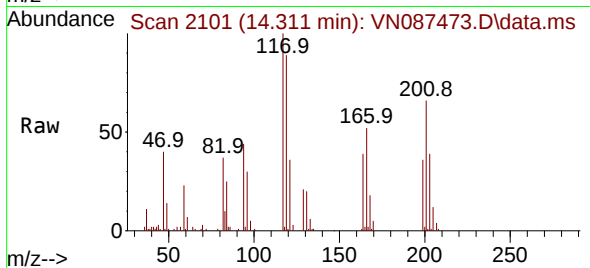
APPROVED

Reviewed By :John
Carlone

08/07/2025

Supervised By :Mahesh
Dadoda

08/07/2025



#87

1,2-Dichlorobenzene

Concen: 16.798 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087473.D

Acq: 06 Aug 2025 11:50

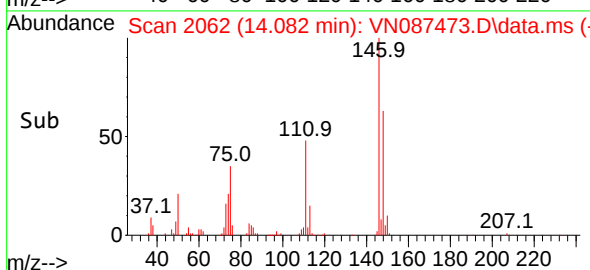
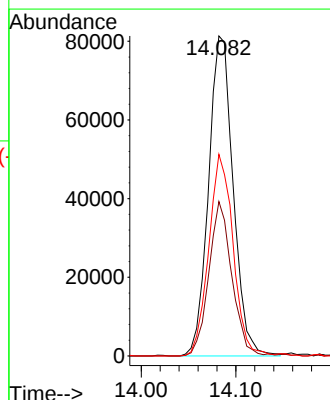
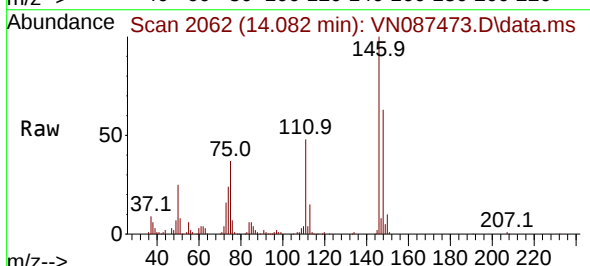
Tgt Ion:146 Resp: 147338

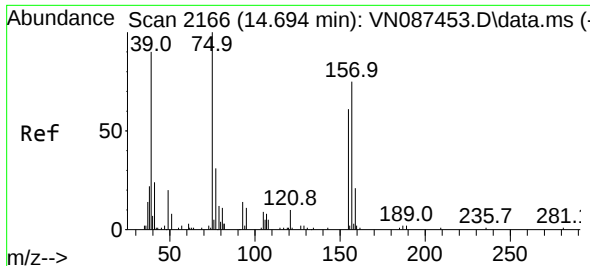
Ion Ratio Lower Upper

146 100

111 44.9 22.9 68.7

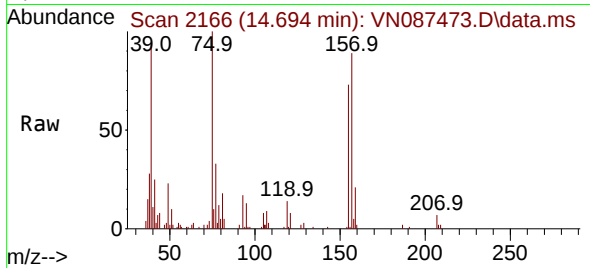
148 62.2 31.6 94.7





#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.338 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.000 min
 Lab File: VN087473.D
 Acq: 06 Aug 2025 11:50

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



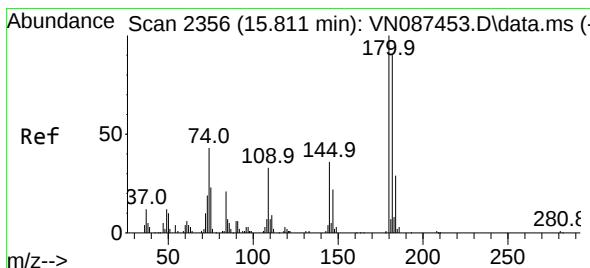
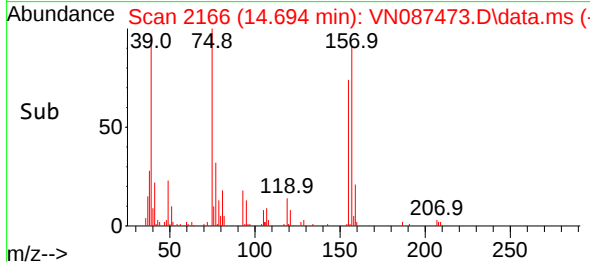
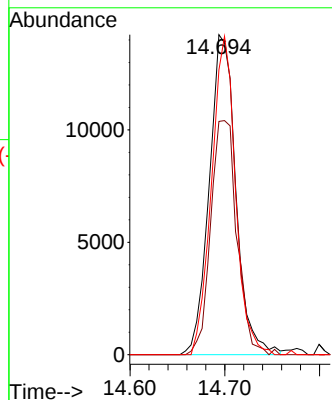
Tgt Ion: 75 Resp: 2771
 Ion Ratio Lower Upper
 75 100
 155 72.2 55.7 83.5
 157 89.9 65.8 98.6

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

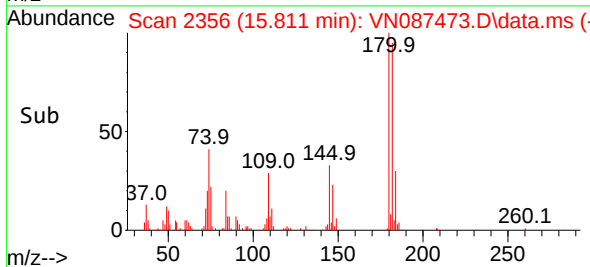
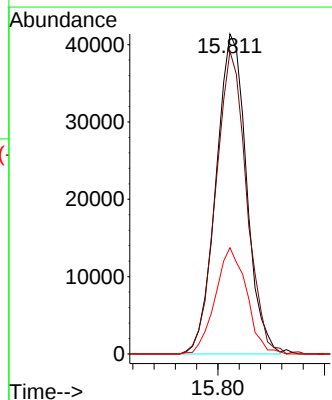
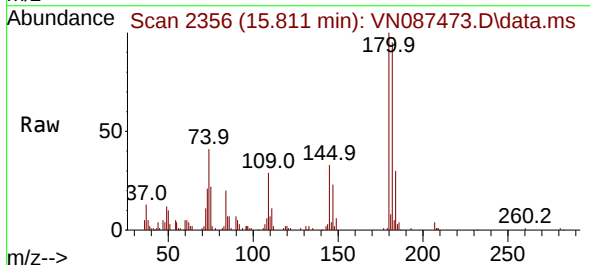
08/07/2025
 Supervised By :Mahesh
 Dadoda

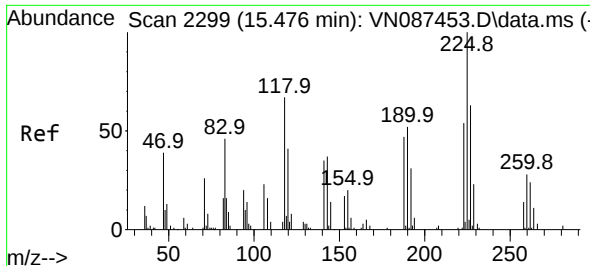
08/07/2025



#89
 1,2,4-Trichlorobenzene
 Concen: 15.671 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. -0.000 min
 Lab File: VN087473.D
 Acq: 06 Aug 2025 11:50

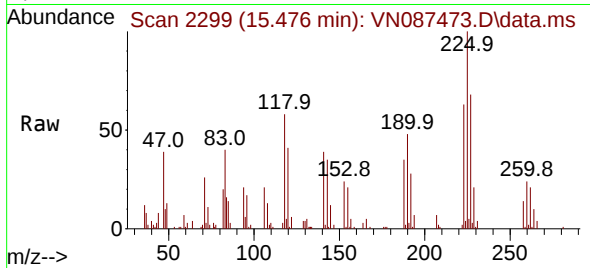
Tgt Ion:180 Resp: 82148
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.0 112.4
 145 34.0 28.6 43.0





#90
Hexachlorobutadiene
Concen: 16.521 ug/l
RT: 15.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

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



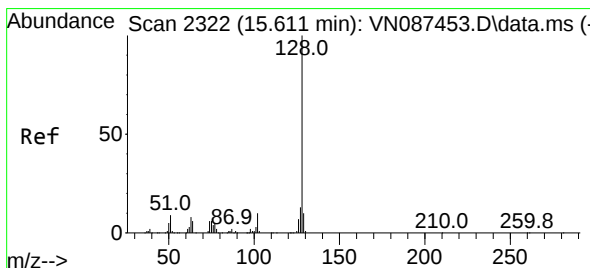
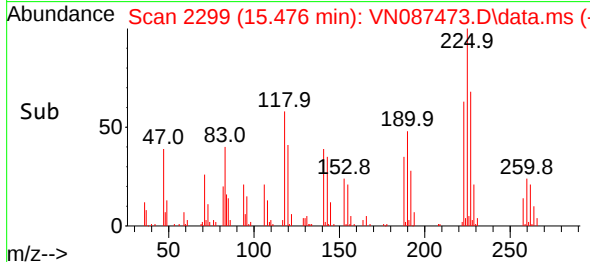
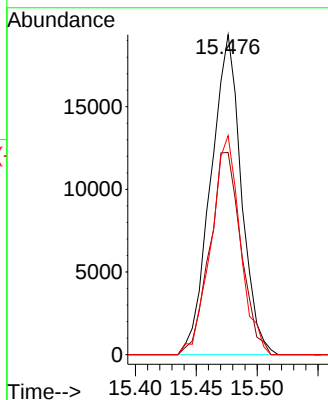
Tgt Ion:225 Resp: 33670
Ion Ratio Lower Upper
225 100
223 65.0 0.0 116.0
227 65.5 0.0 127.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

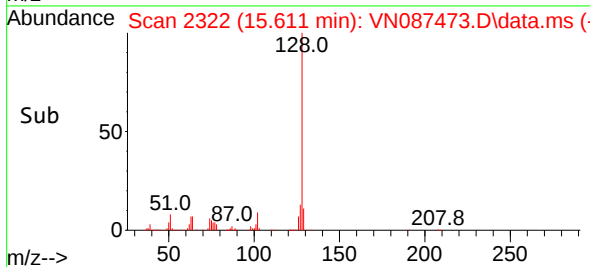
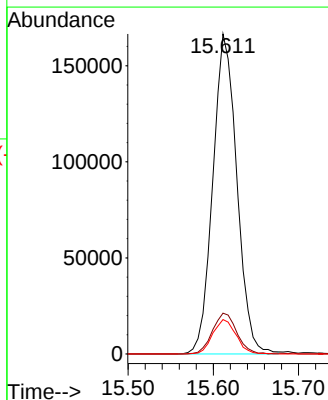
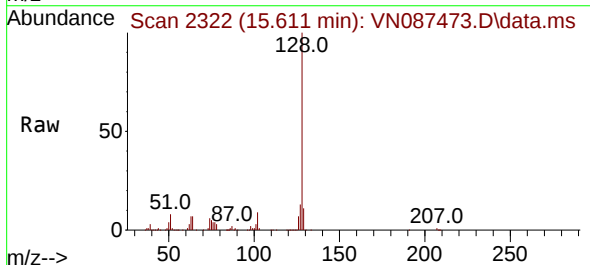
08/07/2025
Supervised By :Mahesh
Dadoda

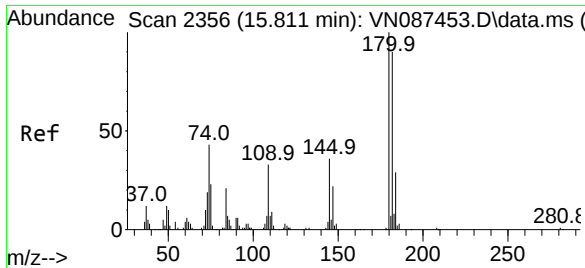
08/07/2025



#91
Naphthalene
Concen: 16.338 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087473.D
Acq: 06 Aug 2025 11:50

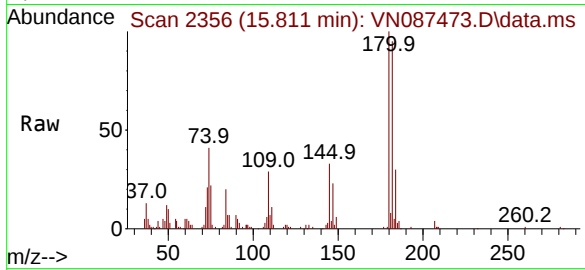
Tgt Ion:128 Resp: 326569
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.4 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 15.671 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087473.D
 Acq: 06 Aug 2025 11:50

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



Tgt Ion:180	Resp:	82148
Ion Ratio	Lower	Upper
180	100	
182	95.3	0.0 187.4
145	34.0	0.0 71.6

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/07/2025
 Supervised By :Mahesh
 Dadoda

08/07/2025

