

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080525\
 Data File : VN087465.D
 Acq On : 05 Aug 2025 18:56
 Operator : JC\MD
 Sample : Q2771-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Aug 06 02:45:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.794	128	63371	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	362030	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	321655	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	185003	31.651	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 105.500%	
60) 4-Bromofluorobenzene	12.829	95	164537	29.724	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.067%	
63) Toluene-d8	10.547	98	448635	30.313	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.033%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	93645	22.633	ug/l	95
3) Chloromethane	2.383	50	94056	22.157	ug/l	98
4) Vinyl Chloride	2.536	62	99195	22.032	ug/l	95
5) Bromomethane	2.983	94	49116	20.154	ug/l	86
6) Chloroethane	3.142	64	62863	21.652	ug/l	95
7) Trichlorofluoromethane	3.512	101	144212	22.256	ug/l	98
8) Diethyl Ether	3.959	74	57040	21.130	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	75321	22.795	ug/l	86
10) 1,1-Dichloroethene	4.336	96	75689	21.807	ug/l	97
11) Methyl Iodide	4.583	142	51662	18.904	ug/l	92
12) Methyl Acetate	5.018	43	132767	20.729	ug/l	93
13) Acrolein	4.183	56	95012	97.125	ug/l	97
14) Acrylonitrile	5.712	53	292494	104.582	ug/l	100
15) Acetone	4.424	58	84788	106.103	ug/l	89
16) Carbon Disulfide	4.706	76	227080	21.092	ug/l	98
17) Allyl chloride	5.018	41	149063	21.071	ug/l	88
18) Methylene Chloride	5.265	84	94609	21.174	ug/l	93
19) trans-1,2-Dichloroethene	5.771	96	85295	20.666	ug/l	95
20) Diisopropyl ether	6.659	45	335083	20.792	ug/l	98
21) 1,1-Dichloroethane	6.553	63	174555	20.954	ug/l	98
22) cis-1,2-Dichloroethene	7.477	96	104639	20.605	ug/l	97
23) tert-Butyl Alcohol	5.524	59	121535	102.265	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	339285	21.453	ug/l	99
25) Chloroform	7.953	83	318668	36.648	ug/l	99
26) Cyclohexane	8.235	56	150258	22.528	ug/l #	100
29) 1,1-Dichloropropene	8.353	75	124594	21.101	ug/l	96
30) 2-Butanone	7.471	43	452029	103.856	ug/l #	96
31) 2,2-Dichloropropane	7.471	77	150697	19.788	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	159868	21.228	ug/l	95
33) Carbon Tetrachloride	8.347	117	132303	21.147	ug/l	95
34) Benzene	8.588	78	379279	20.348	ug/l	98
35) Methacrylonitrile	7.765	41	98835	21.043	ug/l	94
36) 1,2-Dichloroethane	8.653	62	158507	21.040	ug/l	99
37) Trichloroethene	9.329	130	83242	20.274	ug/l	95
38) Methylcyclohexane	9.582	83	144189	21.049	ug/l	98
39) 1,2-Dichloropropane	9.600	63	100476	21.024	ug/l	94
40) Dibromomethane	9.694	93	74131	20.674	ug/l	98
41) Bromodichloromethane	9.871	83	161315	21.651	ug/l	97
42) Vinyl Acetate	6.588	43	1562358	109.001	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	171544m	20.401	ug/l	
44) Isopropyl Acetate	8.677	43	286640	20.110	ug/l	99
45) 1,4-Dioxane	9.676	88	37991	418.108	ug/l #	87
46) Methyl methacrylate	9.665	41	127427	18.940	ug/l	92
47) n-amyl Acetate	12.517	43	180598m	22.937	ug/l	
48) t-1,3-Dichloropropene	10.818	75	162195	20.009	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	160379	19.660	ug/l	96
50) 1,1,2-Trichloroethane	11.000	97	93732	20.690	ug/l	96
51) Ethyl methacrylate	10.859	69	163762	20.525	ug/l	98
52) 1,3-Dichloropropane	11.141	76	163568	20.041	ug/l	96
53) Dibromochloromethane	11.335	129	107106	20.472	ug/l	99
54) 1,2-Dibromoethane	11.447	107	96878	20.144	ug/l	99
56) Bromoform	12.559	173	68070	19.670	ug/l #	99
58) 4-Methyl-2-Pentanone	10.423	43	892848	107.904	ug/l	100
59) 2-Hexanone	11.176	43	596944	106.178	ug/l	100
61) Tetrachloroethene	11.082	164	65268	20.828	ug/l	96
62) Toluene	10.612	91	515298	25.956	ug/l	99
64) Chlorobenzene	11.870	112	250942	20.571	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	89553	20.880	ug/l	98
66) Ethyl Benzene	11.941	91	455815	20.600	ug/l	100
67) m/p-Xylenes	12.053	106	332592	40.949	ug/l	97
68) o-Xylene	12.376	106	161451	20.205	ug/l	99
69) Styrene	12.388	104	273254	20.028	ug/l	98
70) Isopropylbenzene	12.676	105	426125	20.991	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	148411	21.337	ug/l	98
72) 1,2,3-Trichloropropane	12.976	75	144354m	22.278	ug/l	
73) Bromobenzene	12.959	156	95153	20.219	ug/l	99
74) n-propylbenzene	13.012	91	523707	20.656	ug/l	100
75) 2-Chlorotoluene	13.106	91	316527	20.296	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	351735	20.236	ug/l	100
77) t-1,4-Dichloro-2-butene	12.717	75	42832	17.462	ug/l	95
78) 4-Chlorotoluene	13.200	91	330308	20.900	ug/l	97
79) tert-butylbenzene	13.417	119	303771	20.728	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	357826	20.602	ug/l	99
81) sec-Butylbenzene	13.594	105	449832	21.085	ug/l	100
82) p-Isopropyltoluene	13.706	119	365437	20.630	ug/l	99
83) 1,3-Dichlorobenzene	13.711	146	183928	20.524	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	184810	20.341	ug/l	97
85) n-Butylbenzene	14.035	91	363506	20.974	ug/l	99
86) Hexachloroethane	14.306	117	69483	20.086	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	178997	20.925	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	36710	20.833	ug/l	99
89) 1,2,4-Trichlorobenzene	15.811	180	102214	19.994	ug/l	98
90) Hexachlorobutadiene	15.476	225	39501	19.871	ug/l	96
91) Naphthalene	15.611	128	393425	20.183	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	102214	19.994	ug/l	98

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

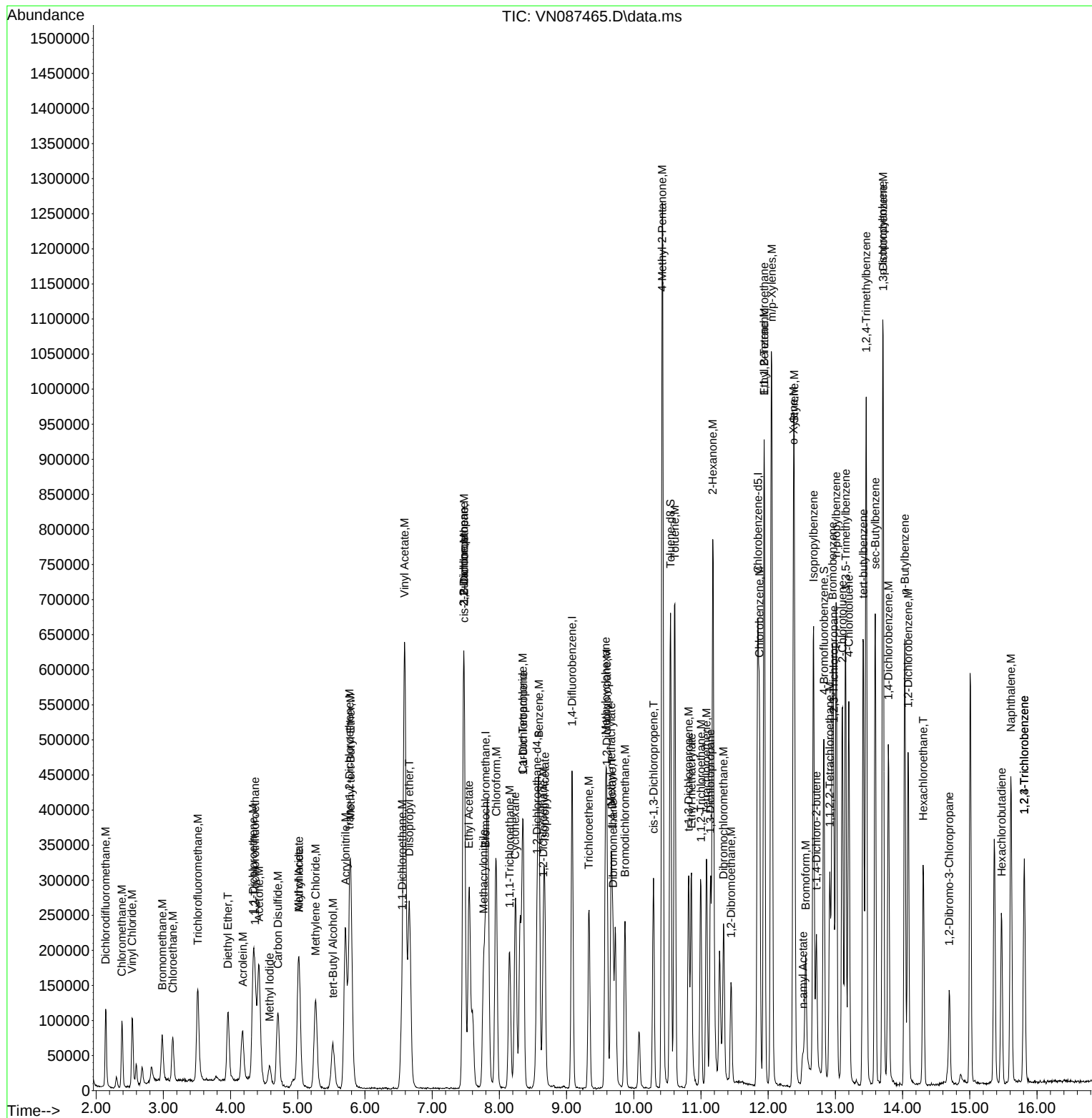
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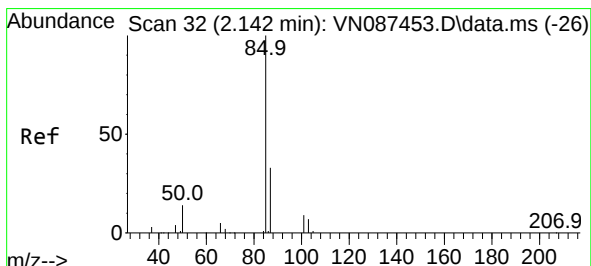
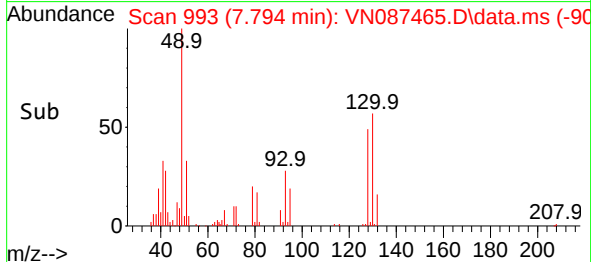
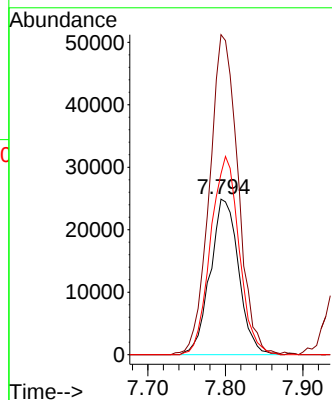
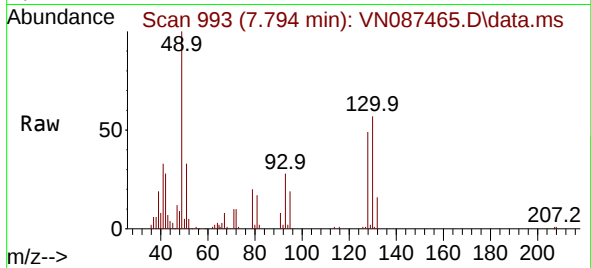
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

Instrument : MSVOA_N
Client Sample Id : 001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion:128 Resp: 6337
Ion Ratio Lower Upper
128 100
49 207.2 0.0 494.8
130 128.0 0.0 321.5

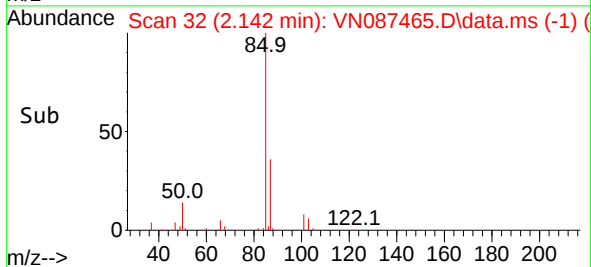
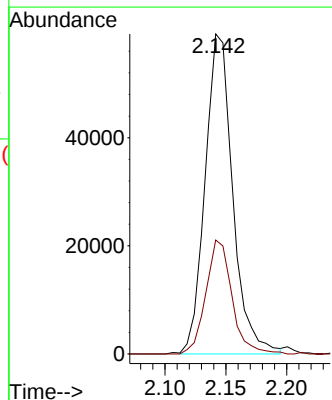
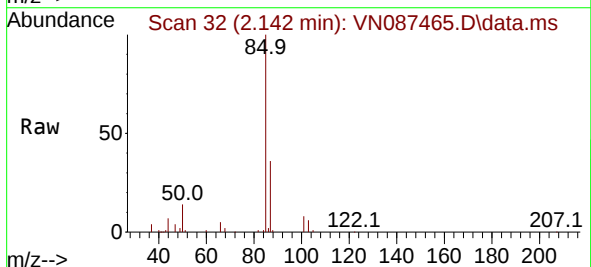
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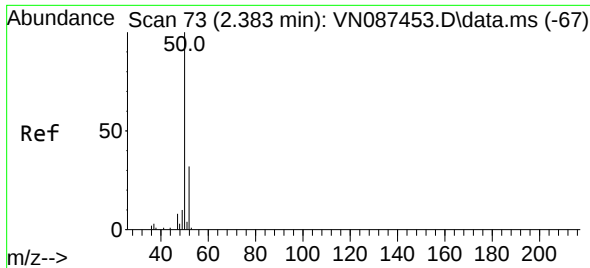
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#2
Dichlorodifluoromethane
Concen: 22.633 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

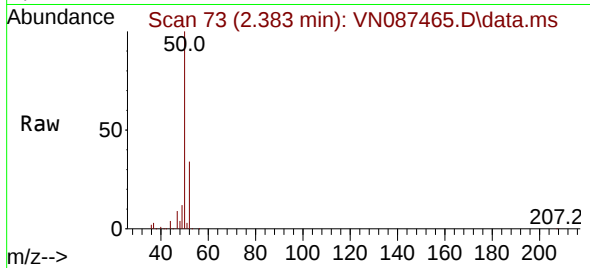
Tgt Ion: 85 Resp: 93645
Ion Ratio Lower Upper
85 100
87 35.7 16.4 49.2





#3
Chloromethane
Concen: 22.157 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

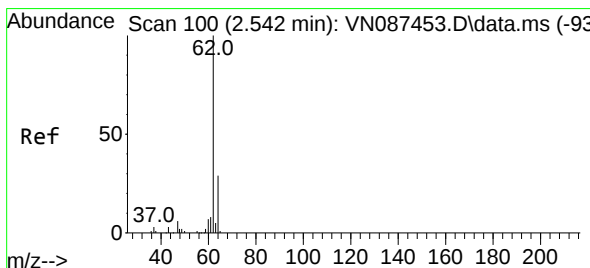
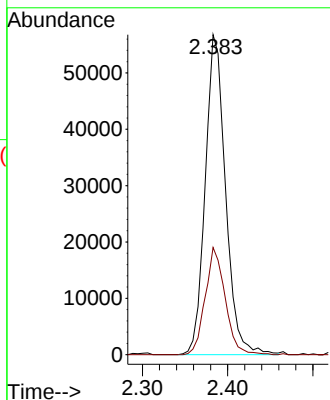
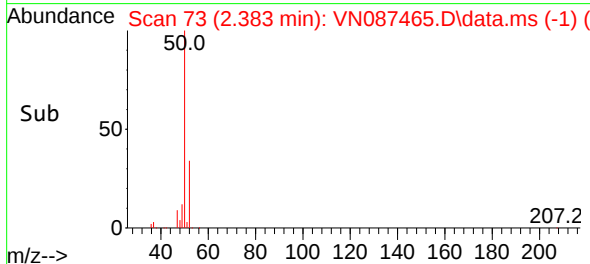
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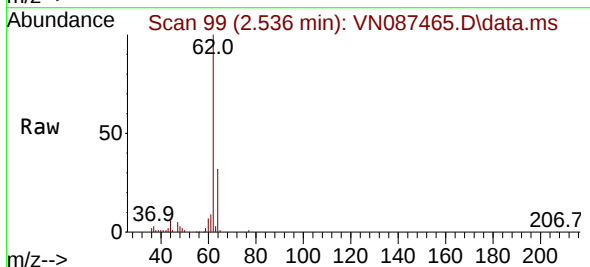
Tgt Ion: 50 Resp: 9405
Ion Ratio Lower Upper
50 100
52 33.5 25.8 38.6

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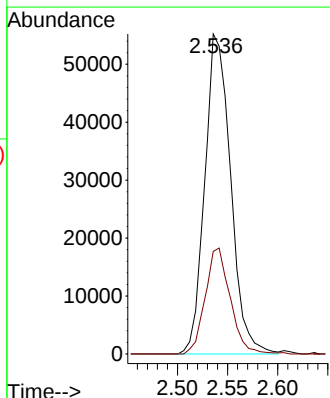
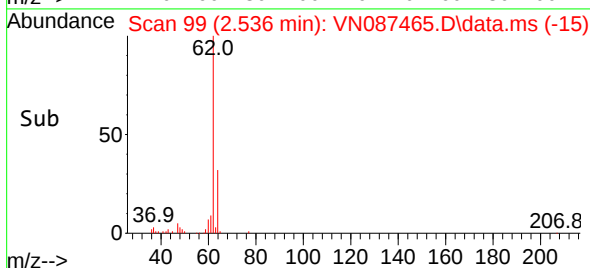
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

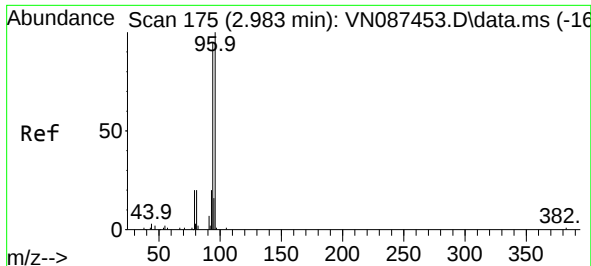


#4
Vinyl Chloride
Concen: 22.032 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



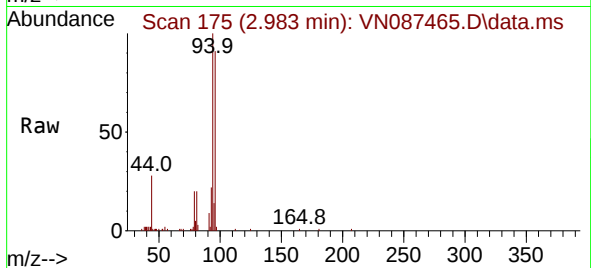
Tgt Ion: 62 Resp: 99195
Ion Ratio Lower Upper
62 100
64 32.0 23.4 35.2





#5
Bromomethane
Concen: 20.154 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

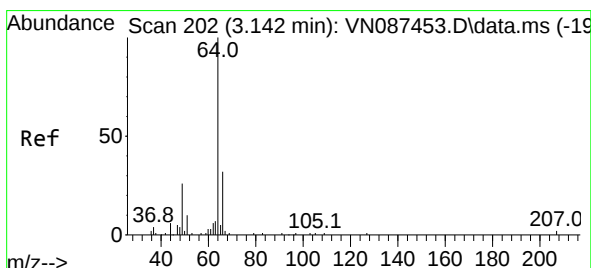
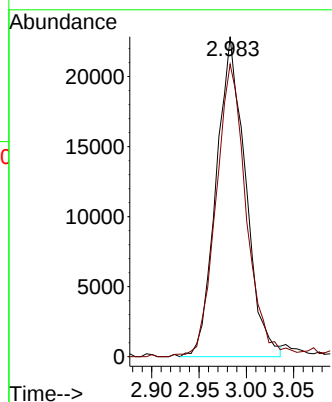
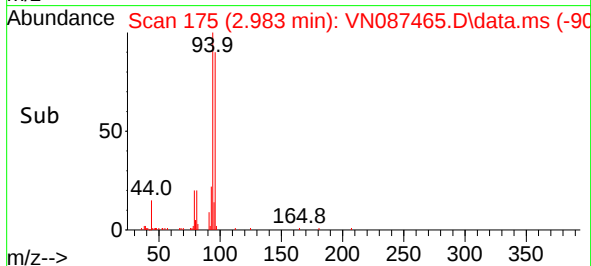
Instrument :
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Tgt Ion: 94 Resp: 49110
Ion Ratio Lower Upper
94 100
96 90.6 84.2 126.4

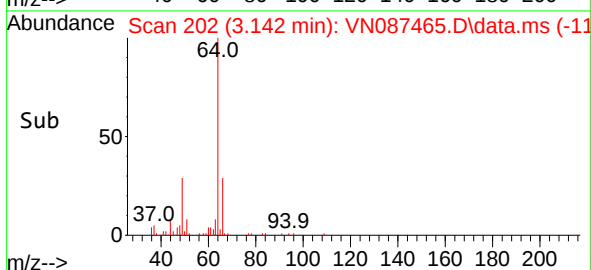
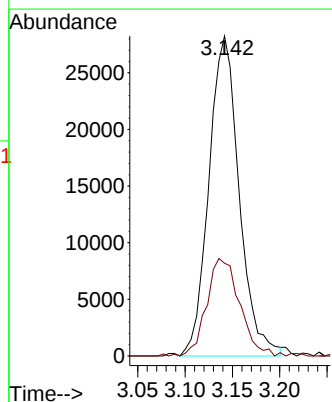
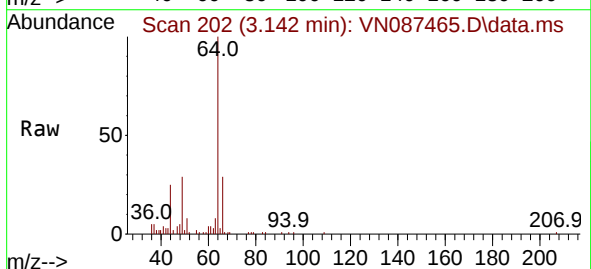
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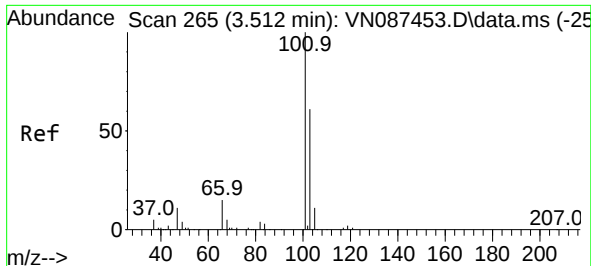
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#6
Chloroethane
Concen: 21.652 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087465.D
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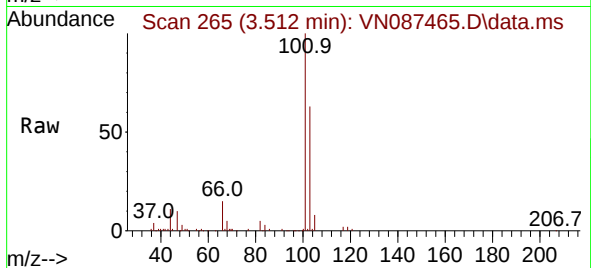
Tgt Ion: 64 Resp: 62863
Ion Ratio Lower Upper
64 100
66 29.0 25.4 38.0





#7
Trichlorofluoromethane
Concen: 22.256 ug/l
RT: 3.512 min Scan# 201
Delta R.T. -0.000 min
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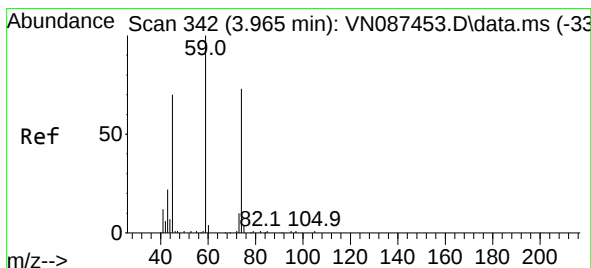
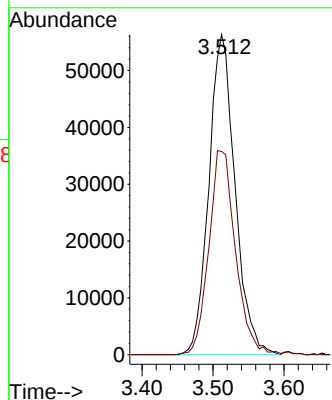
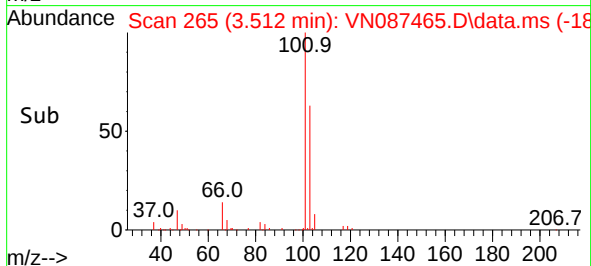
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Tgt Ion:101 Resp: 14421
Ion Ratio Lower Upper
101 100
103 63.2 49.2 73.8

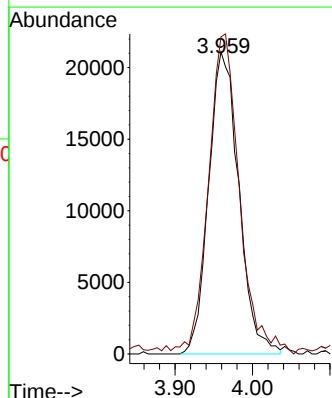
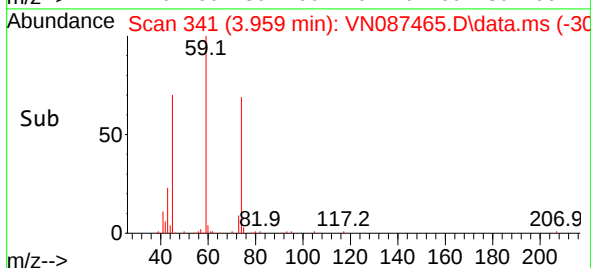
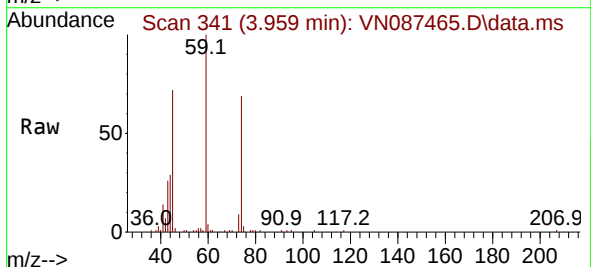
Manual Integrations
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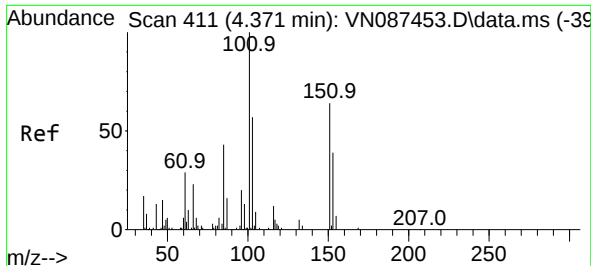
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#8
Diethyl Ether
Concen: 21.130 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 57040
Ion Ratio Lower Upper
74 100
45 103.3 20.1 180.9





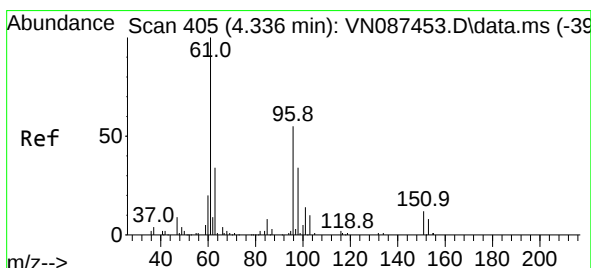
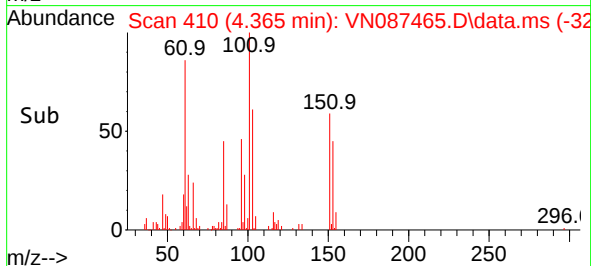
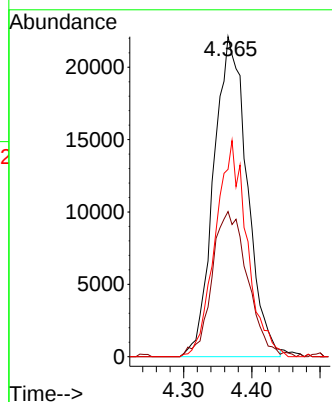
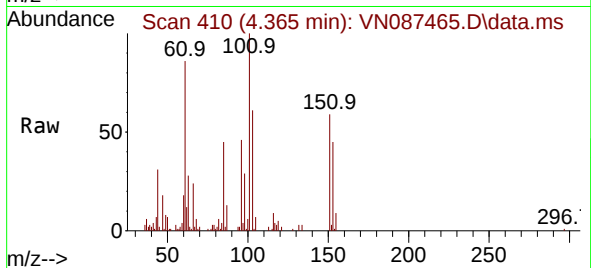
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 1,1,2-Trichlorotrifluoroethane
 Concen: 22.795 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN087465.D
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Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion:101 Resp: 7532
 Ion Ratio Lower Upper
 101 100
 85 48.2 0.0 57.0
 151 64.1 0.0 134.2

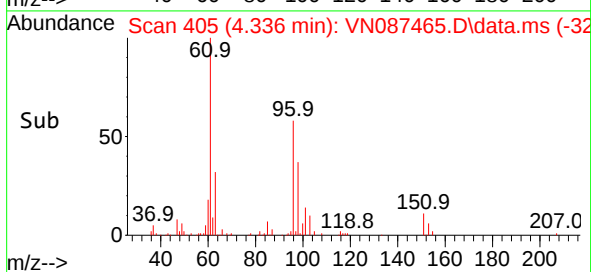
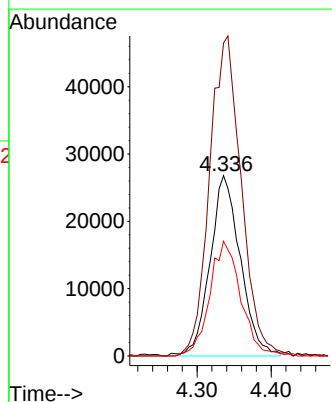
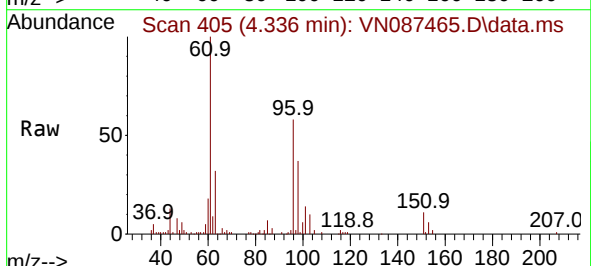
Manual Integrations
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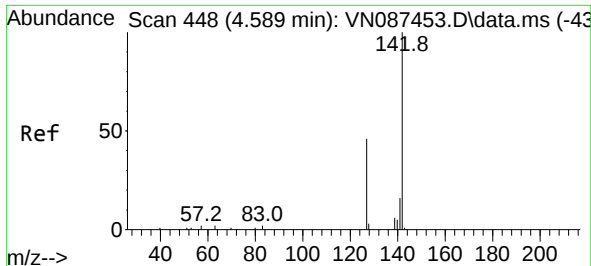
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#10
 1,1-Dichloroethene
 Concen: 21.807 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VN087465.D
 Acq: 05 Aug 2025 18:56

Tgt Ion: 96 Resp: 75689
 Ion Ratio Lower Upper
 96 100
 61 174.7 144.2 216.4
 98 63.0 49.7 74.5





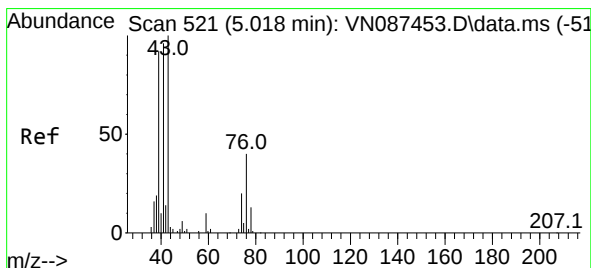
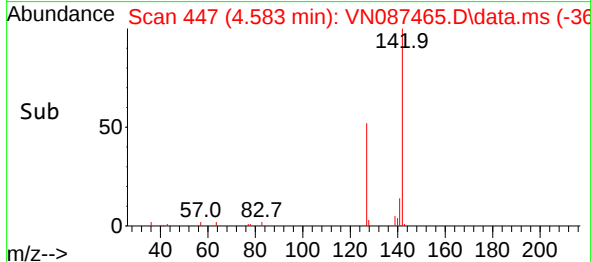
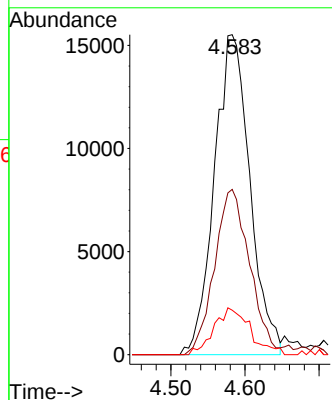
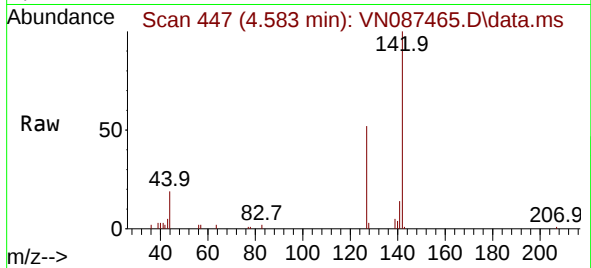
#11
Methyl Iodide
Concen: 18.904 ug/l
RT: 4.583 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

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

Tgt Ion:142 Resp: 51662
Ion Ratio Lower Upper
142 100
127 51.5 22.9 68.7
141 13.1 7.7 23.1

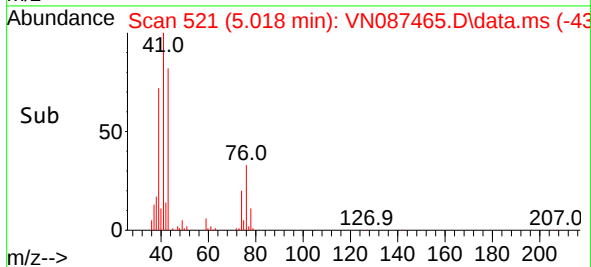
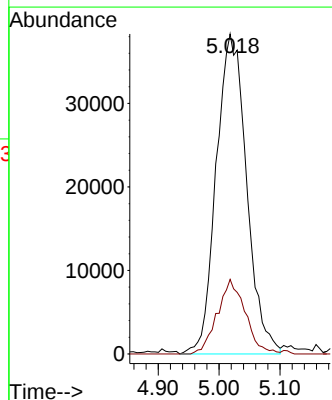
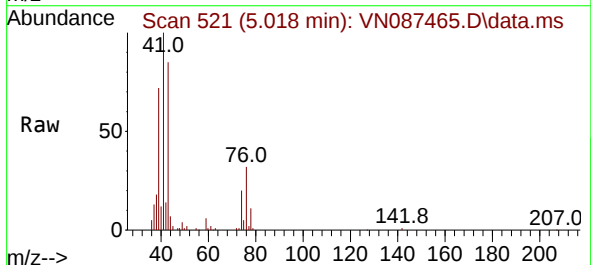
Manual Integrations
APPROVED

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



#12
Methyl Acetate
Concen: 20.729 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

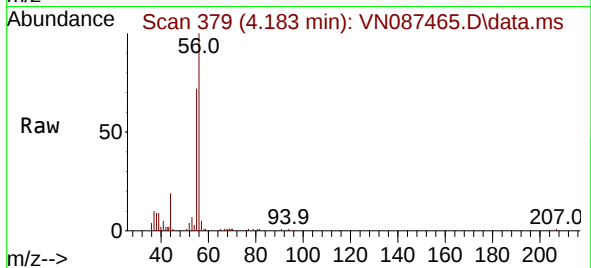
Tgt Ion: 43 Resp: 132767
Ion Ratio Lower Upper
43 100
74 23.3 16.0 24.0





#13
Acrolein
Concen: 97.125 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

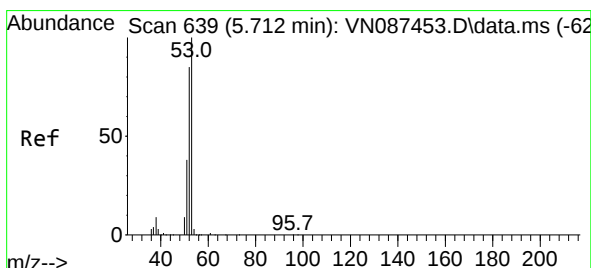
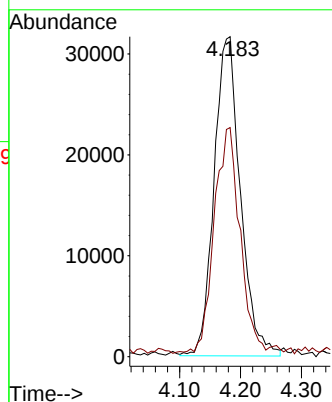
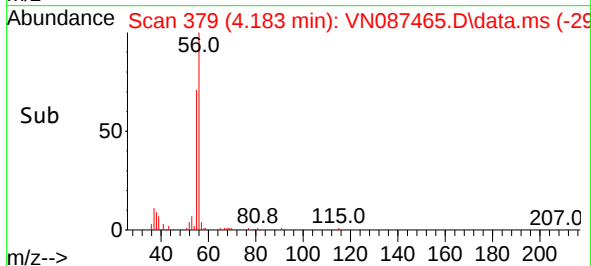
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MSD



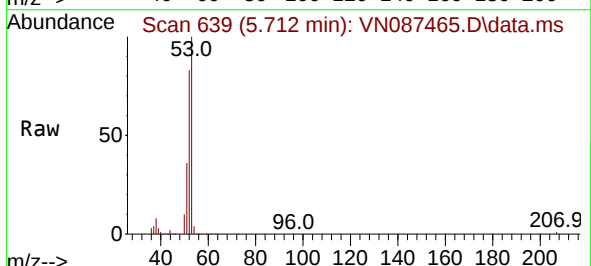
Tgt Ion: 56 Resp: 95012
Ion Ratio Lower Upper
56 100
55 69.0 57.4 86.0

Manual Integrations
APPROVED

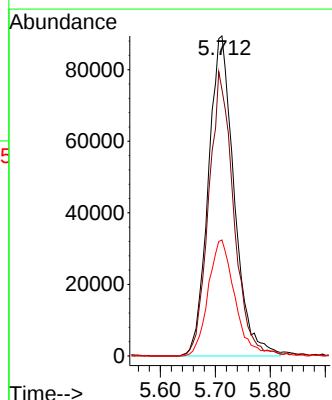
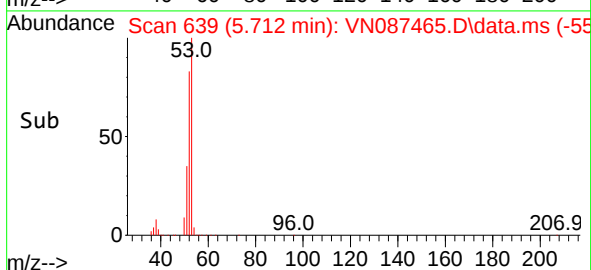
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

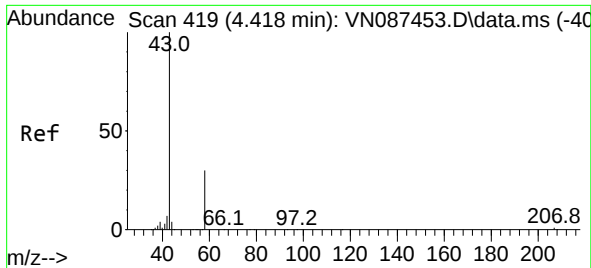


#14
Acrylonitrile
Concen: 104.582 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



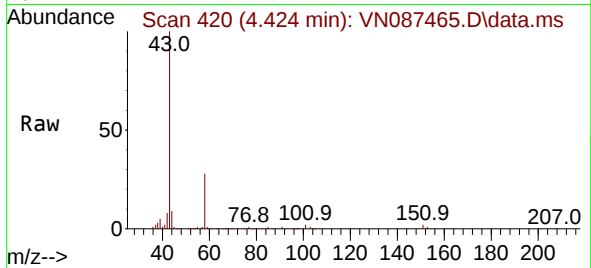
Tgt Ion: 53 Resp: 292494
Ion Ratio Lower Upper
53 100
52 84.5 42.4 127.2
51 36.6 18.5 55.5





#15
Acetone
Concen: 106.103 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

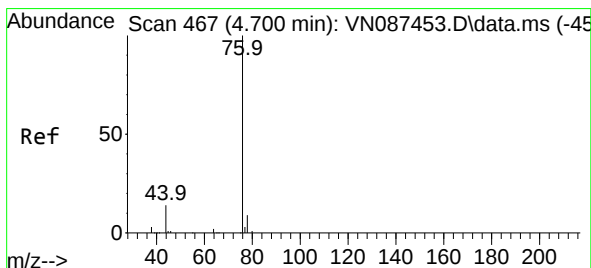
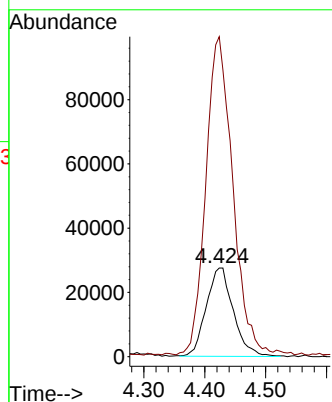
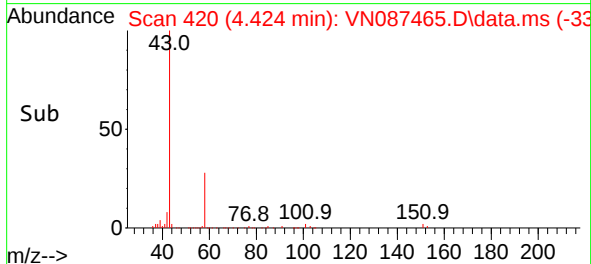
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 58 Resp: 84788
Ion Ratio Lower Upper
58 100
43 359.3 268.9 403.3

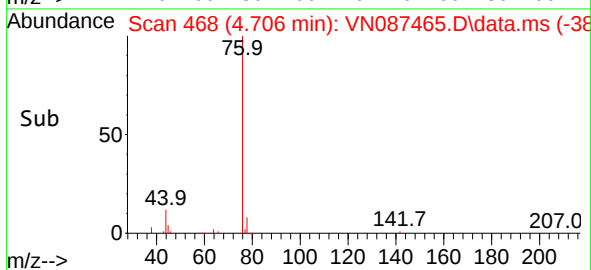
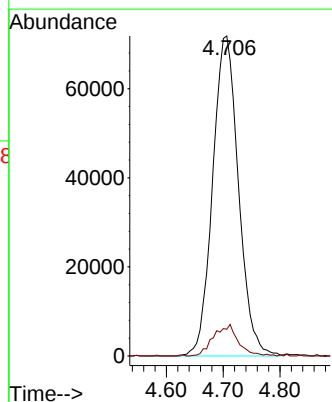
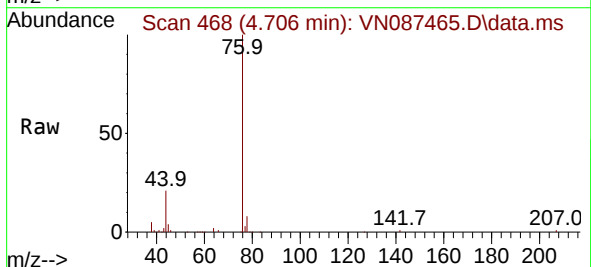
Manual Integrations
APPROVED

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



#16
Carbon Disulfide
Concen: 21.092 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

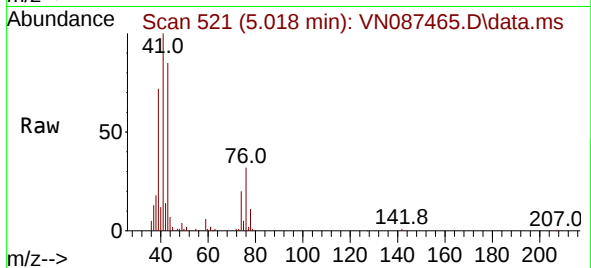
Tgt Ion: 76 Resp: 227080
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7





#17
 Allyl chloride
 Concen: 21.071 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087465.D
 Acq: 05 Aug 2025 18:56

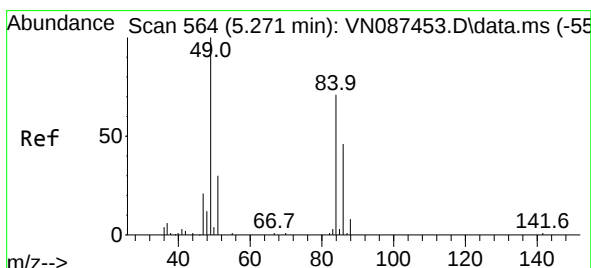
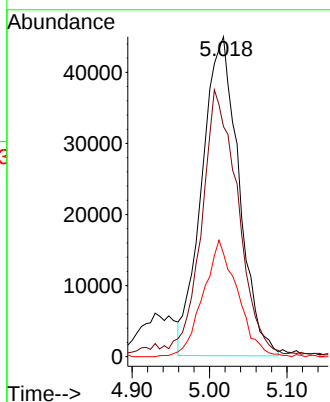
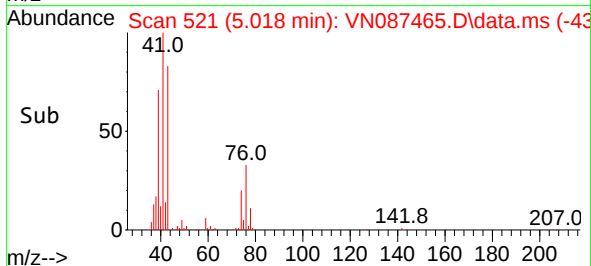
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 41 Resp: 14906
 Ion Ratio Lower Upper
 41 100
 39 71.0 42.4 127.2
 76 31.9 16.9 50.6

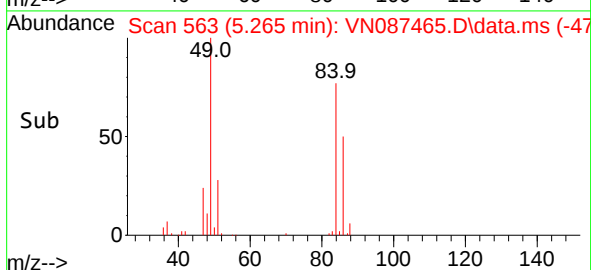
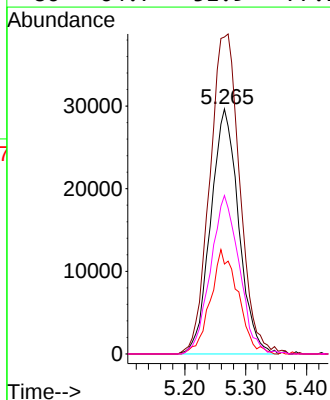
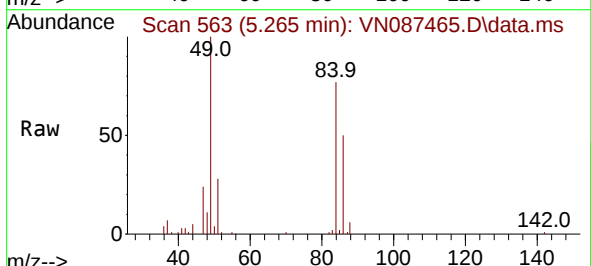
Manual Integrations
 APPROVED

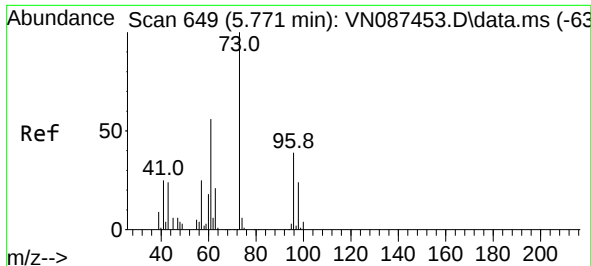
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#18
 Methylene Chloride
 Concen: 21.174 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: VN087465.D
 Acq: 05 Aug 2025 18:56

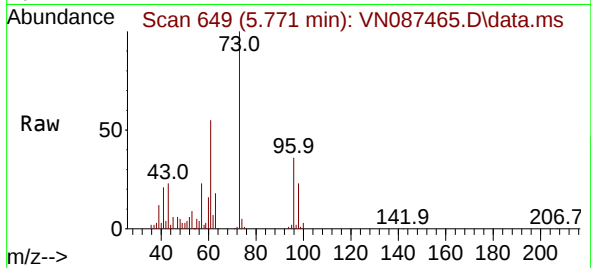
Tgt Ion: 84 Resp: 94609
 Ion Ratio Lower Upper
 84 100
 49 129.4 112.9 169.3
 51 36.7 33.8 50.8
 86 64.7 51.9 77.9





#19
trans-1,2-Dichloroethene
Concen: 20.666 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

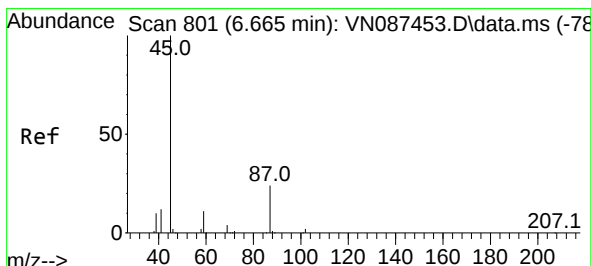
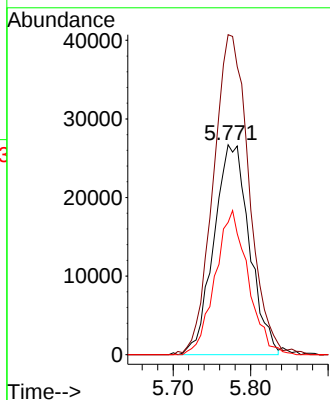
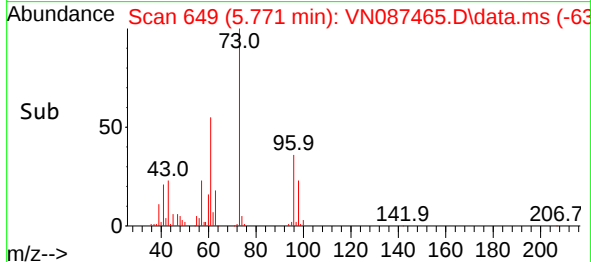
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD



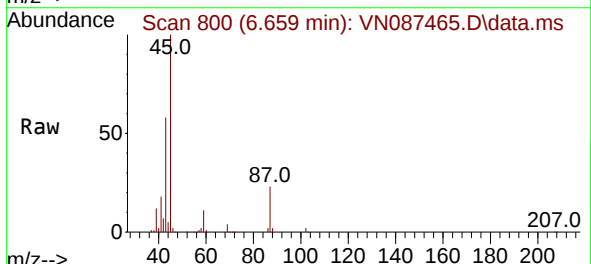
Tgt Ion: 96 Resp: 8529
Ion Ratio Lower Upper
96 100
61 150.9 114.2 171.4
98 63.0 48.7 73.1

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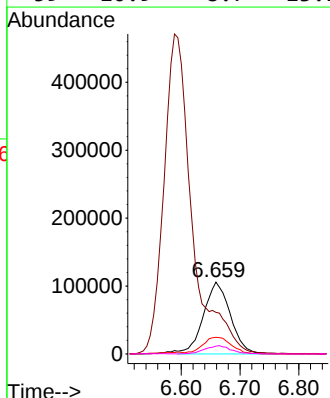
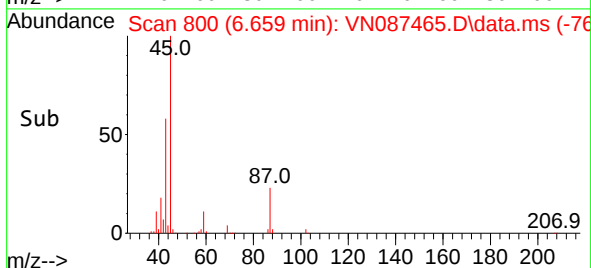
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#20
Diisopropyl ether
Concen: 20.792 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



Tgt Ion: 45 Resp: 335083
Ion Ratio Lower Upper
45 100
43 57.3 44.7 67.1
87 23.1 20.2 30.2
59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 20.954 ug/l

RT: 6.553 min Scan# 782

Delta R.T. -0.000 min

Lab File: VN087465.D

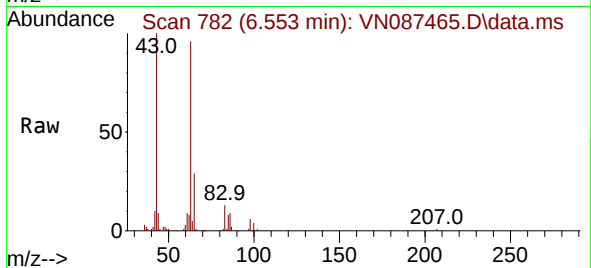
Acq: 05 Aug 2025 18:56

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD



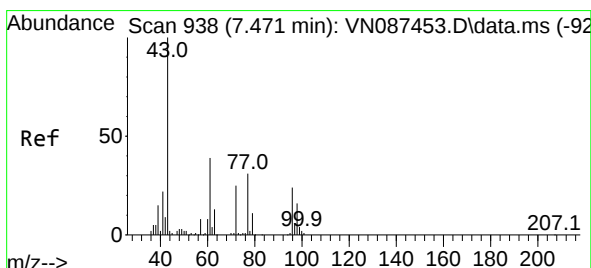
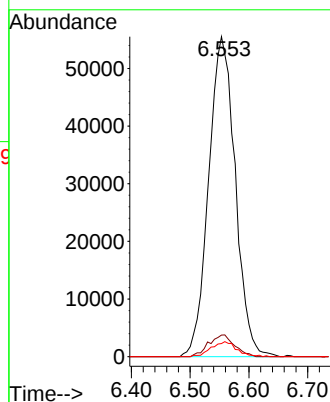
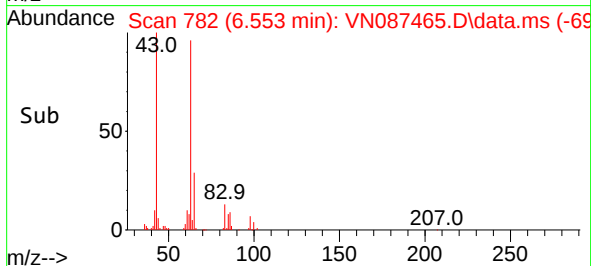
Tgt Ion:	63	Resp:	17455
Ion Ratio	Lower	Upper	
63	100		
98	6.7	3.0	9.0
100	4.1	1.9	5.7

Manual Integrations

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Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#22

cis-1,2-Dichloroethene

Concen: 20.605 ug/l

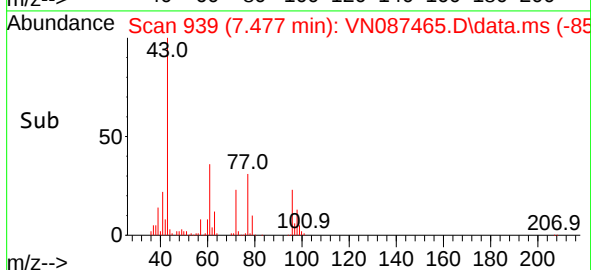
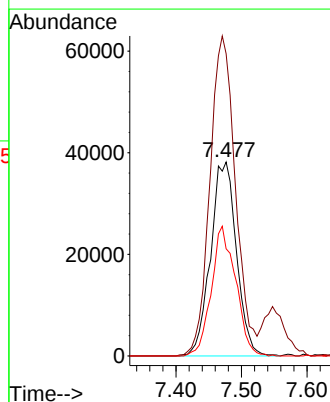
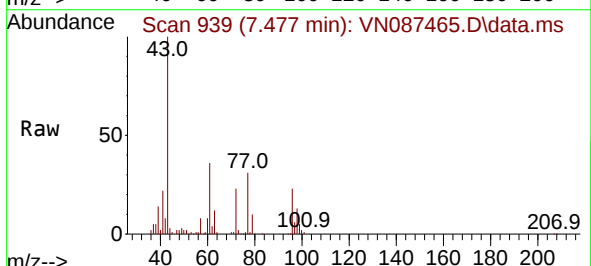
RT: 7.477 min Scan# 939

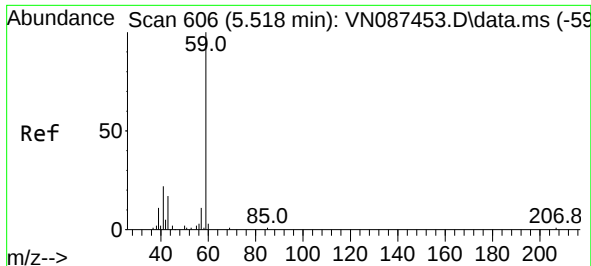
Delta R.T. 0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

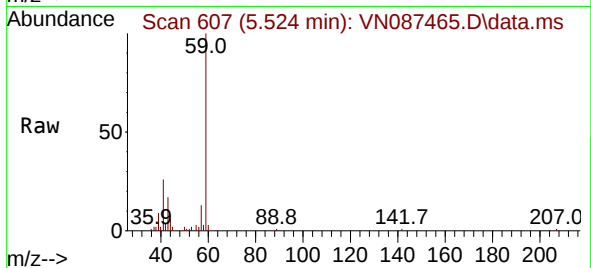
Tgt Ion:	96	Resp:	104639
Ion Ratio	Lower	Upper	
96	100		
61	162.9	126.6	190.0
98	62.7	50.9	76.3





#23
tert-Butyl Alcohol
Concen: 102.265 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

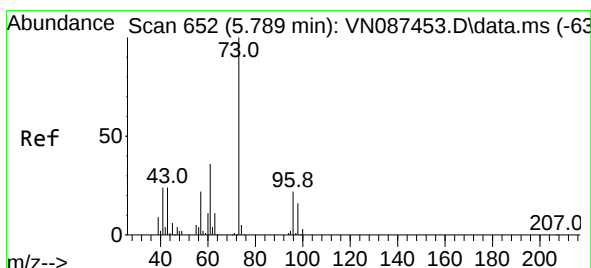
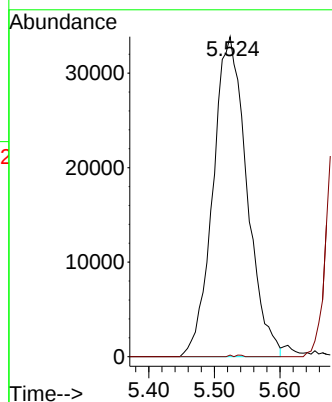
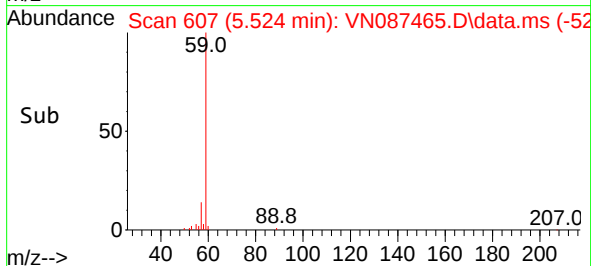
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 59 Resp: 12153
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

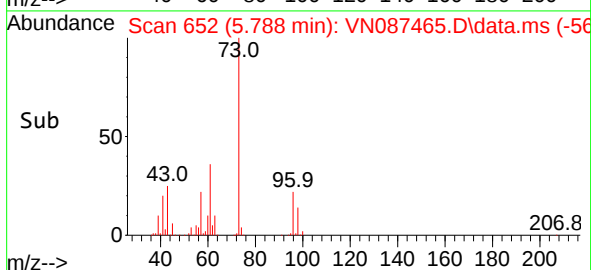
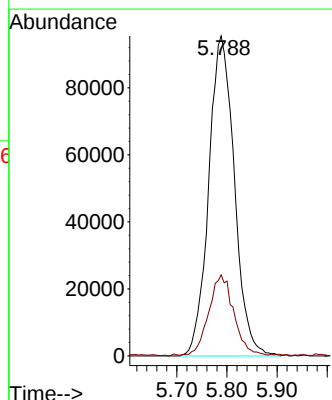
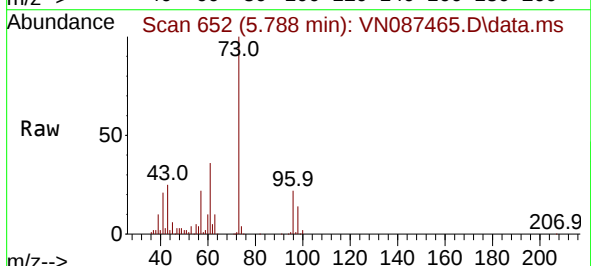
Manual Integrations
APPROVED

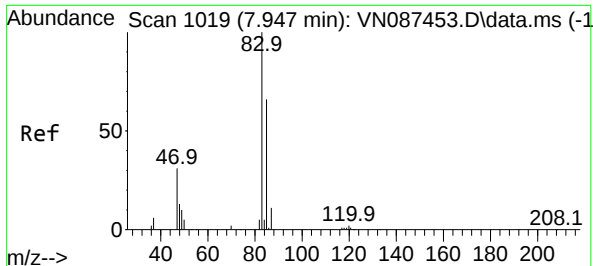
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#24
Methyl tert-Butyl Ether
Concen: 21.453 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

Tgt Ion: 73 Resp: 339285
Ion Ratio Lower Upper
73 100
43 24.5 19.9 29.9





#25

Chloroform

Concen: 36.648 ug/l

RT: 7.953 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion: 83 Resp: 31866

Ion Ratio Lower Upper

83 100

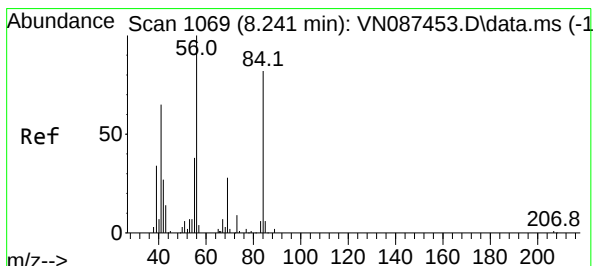
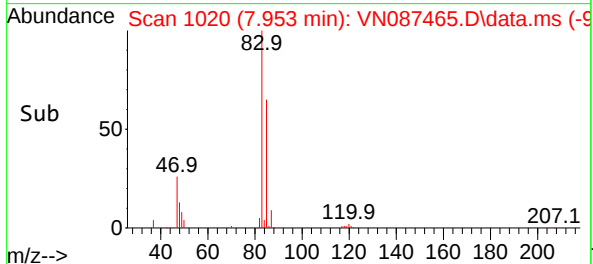
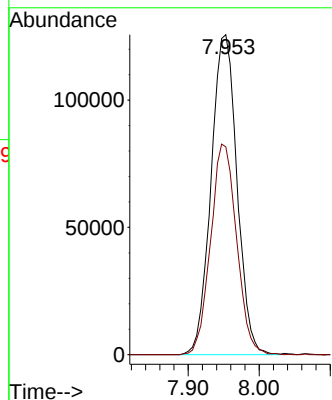
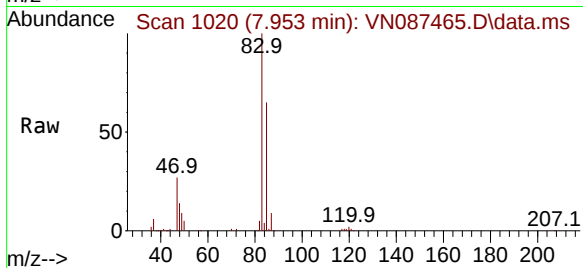
85 65.0 52.6 78.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#26

Cyclohexane

Concen: 22.528 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

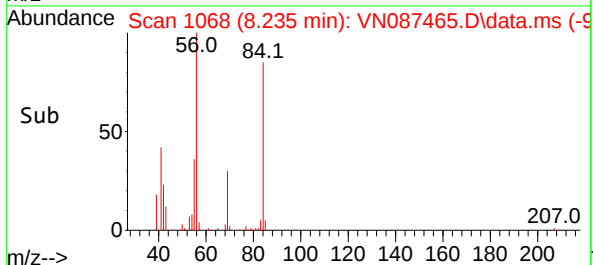
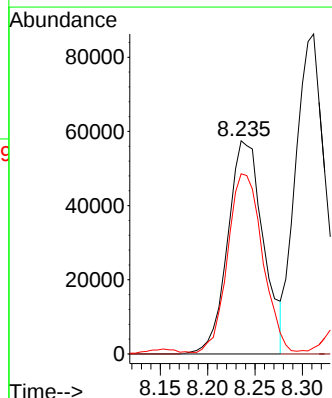
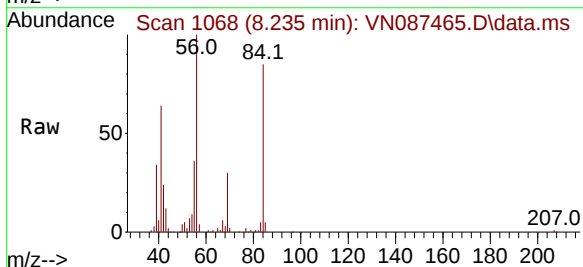
Tgt Ion: 56 Resp: 150258

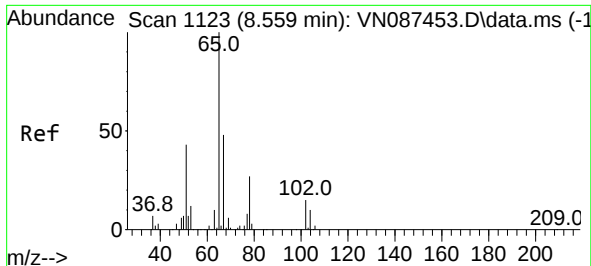
Ion Ratio Lower Upper

56 100

89 0.0 2.3 3.5

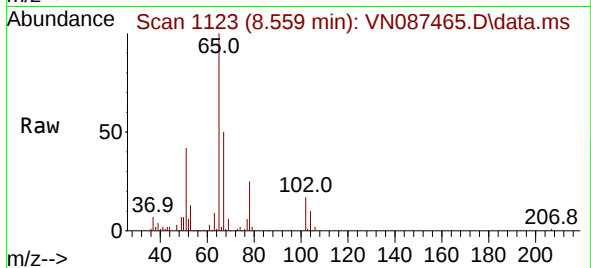
84 83.7 67.0 100.4





#27
1,2-Dichloroethane-d4
Concen: 31.651 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

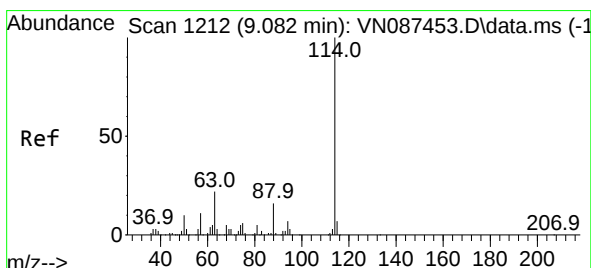
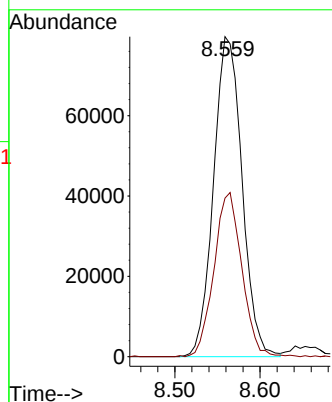
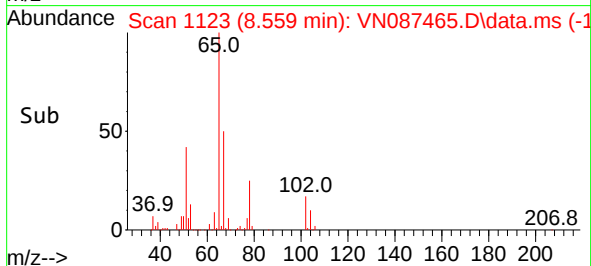
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD



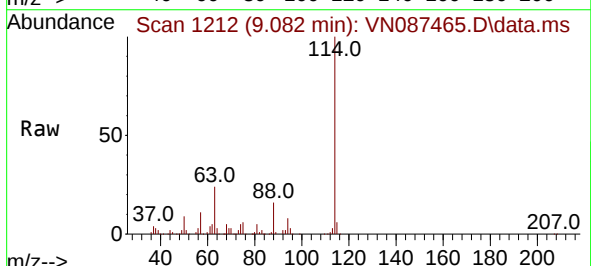
Tgt Ion: 65 Resp: 185000
Ion Ratio Lower Upper
65 100
67 50.1 40.8 61.2

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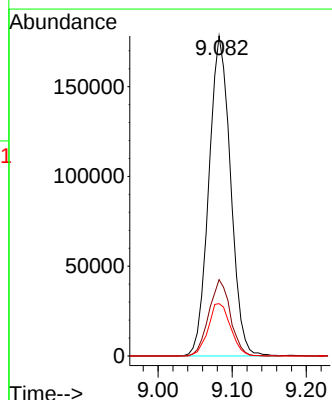
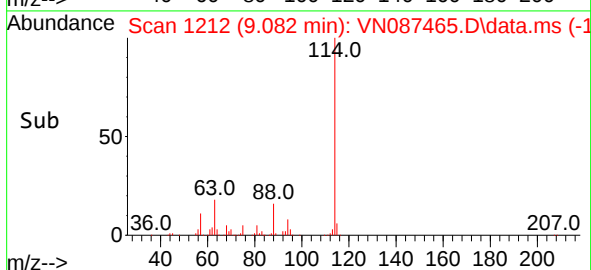
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



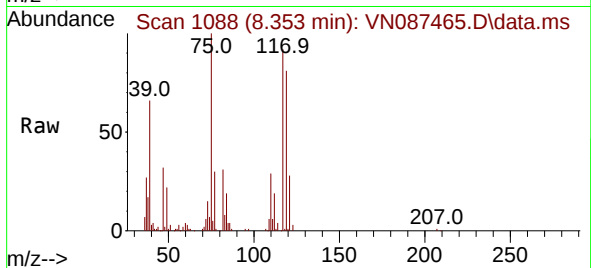
Tgt Ion:114 Resp: 362030
Ion Ratio Lower Upper
114 100
63 23.6 18.9 28.3
88 17.0 13.1 19.7





#29
1,1-Dichloropropene
Concen: 21.101 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

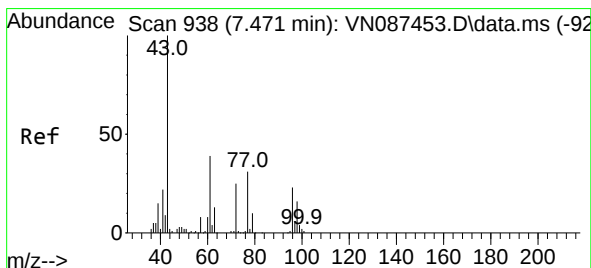
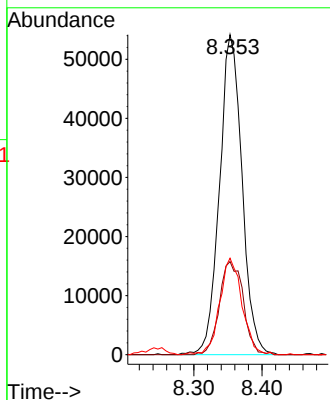
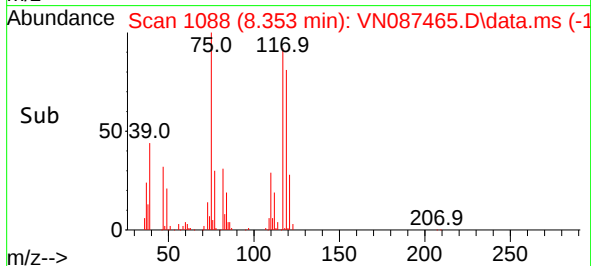
Instrument : MSVOA_N
Client Sample Id : 001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 75 Resp: 124594
Ion Ratio Lower Upper
75 100
110 30.7 0.0 65.8
77 29.5 0.0 63.6

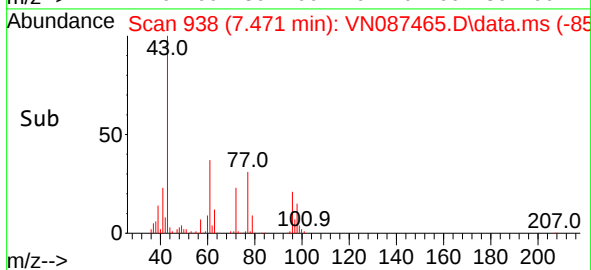
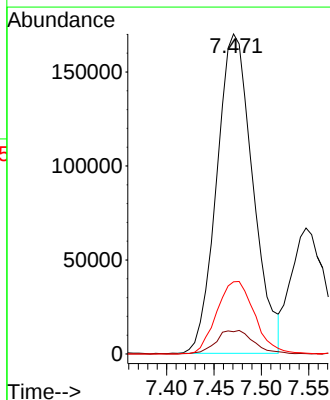
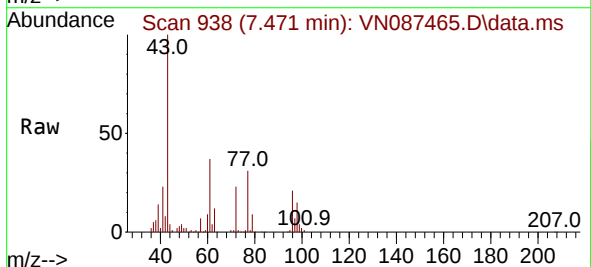
Manual Integrations
APPROVED

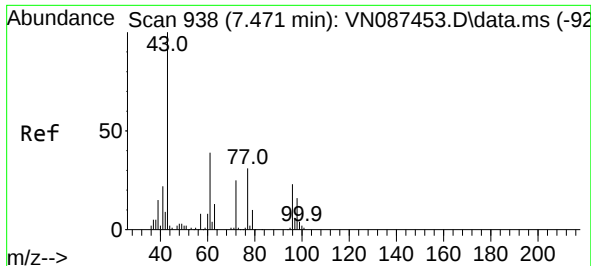
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#30
2-Butanone
Concen: 103.856 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

Tgt Ion: 43 Resp: 452029
Ion Ratio Lower Upper
43 100
57 4.0 6.6 9.8#
72 23.8 19.7 29.5





#31

2,2-Dichloropropane

Concen: 19.788 ug/l

RT: 7.471 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion: 77 Resp: 15069

Ion Ratio Lower Upper

77 100

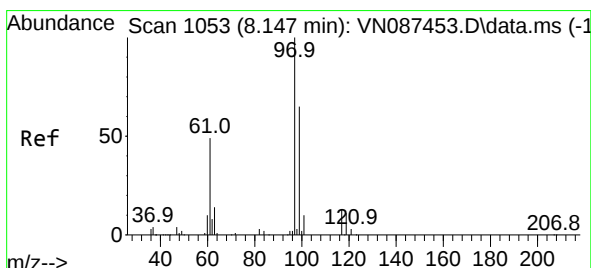
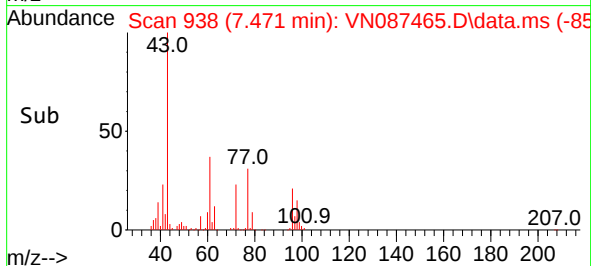
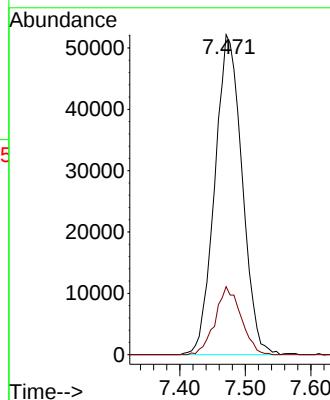
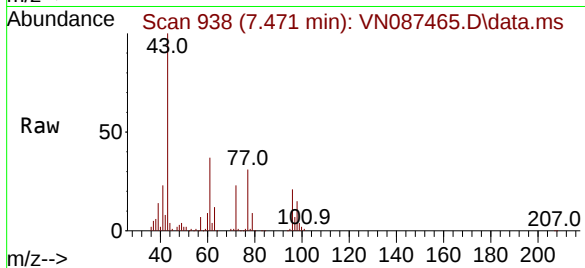
97 20.1 16.7 25.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#32

1,1,1-Trichloroethane

Concen: 21.228 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

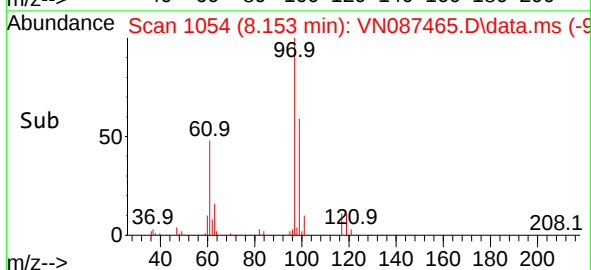
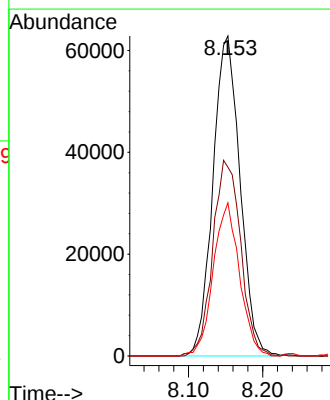
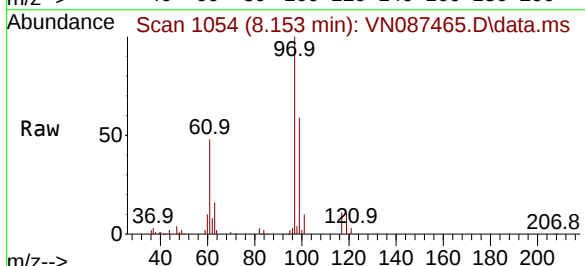
Tgt Ion: 97 Resp: 159868

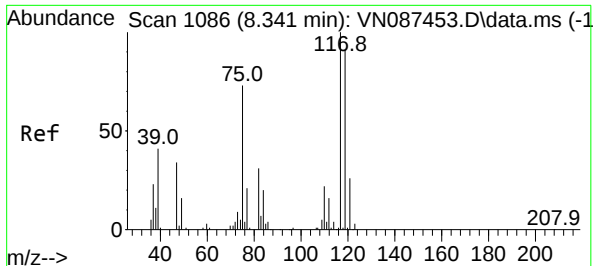
Ion Ratio Lower Upper

97 100

99 62.8 53.0 79.6

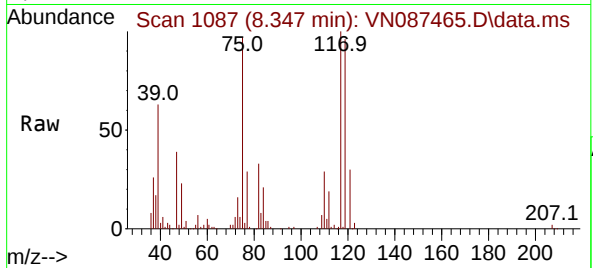
61 46.3 40.6 61.0





#33
Carbon Tetrachloride
Concen: 21.147 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

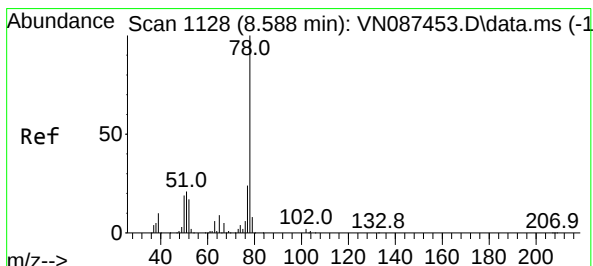
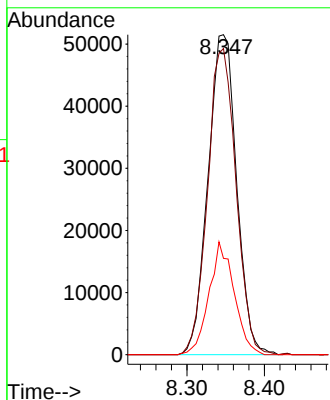
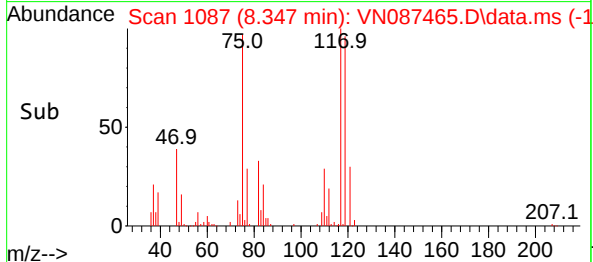
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 117 Resp: 13230
Ion Ratio Lower Upper
117 100
119 95.7 73.4 110.0
121 30.1 21.1 31.7

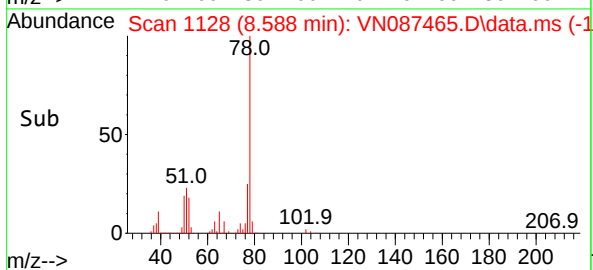
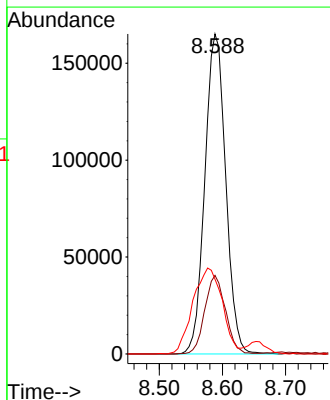
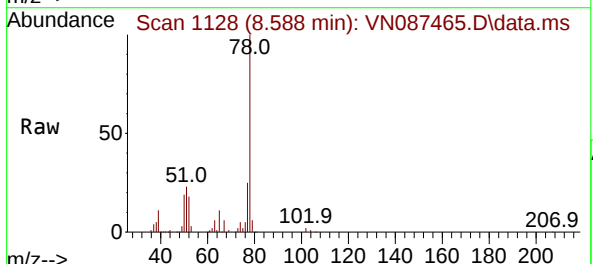
Manual Integrations
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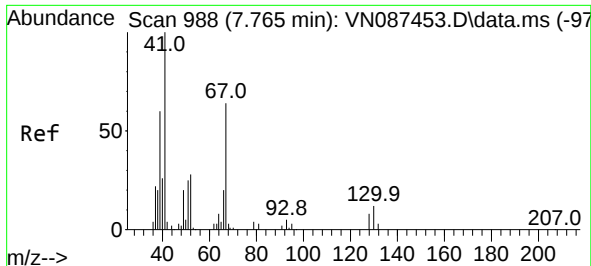
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#34
Benzene
Concen: 20.348 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

Tgt Ion: 78 Resp: 379279
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8
51 23.0 16.9 25.3





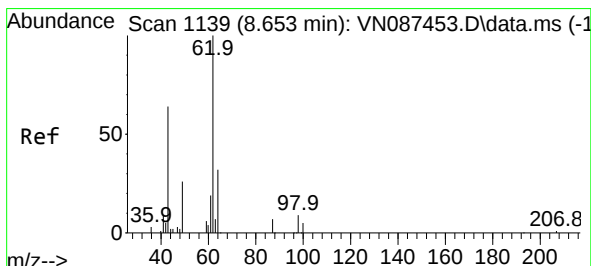
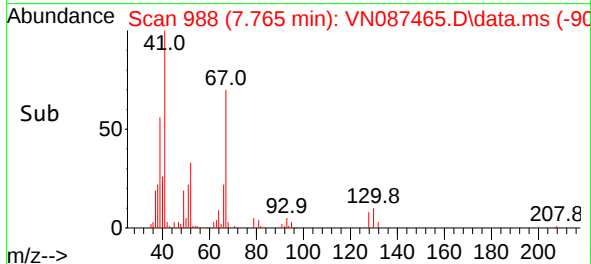
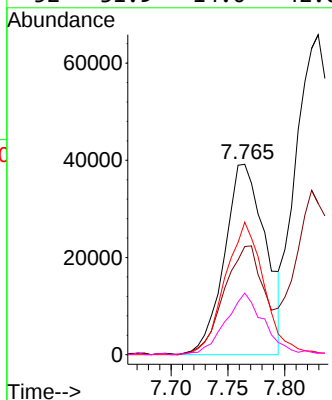
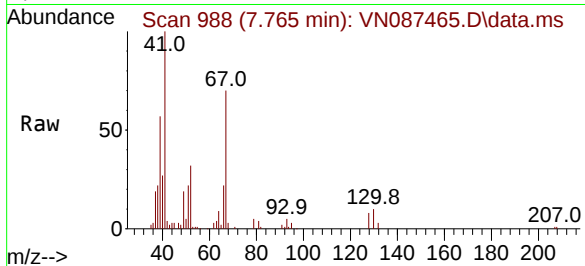
#35
Methacrylonitrile
Concen: 21.043 ug/l
RT: 7.765 min Scan# 988
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

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

Tgt Ion:	41	Resp:	9883
Ion Ratio	Lower	Upper	
41	100		
39	56.8	30.1	90.5
67	69.5	32.0	96.2
52	31.9	14.0	42.0

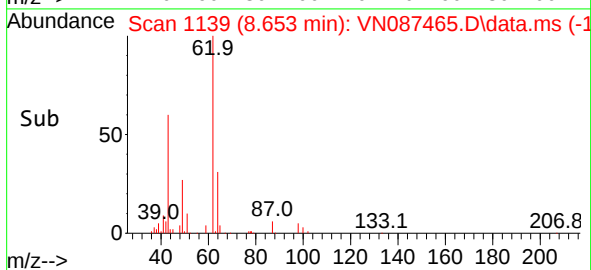
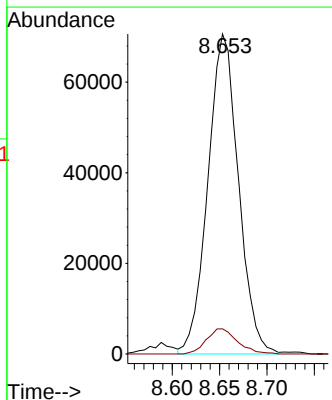
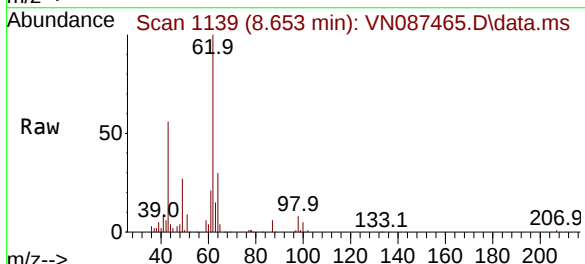
Manual Integrations
APPROVED

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



#36
1,2-Dichloroethane
Concen: 21.040 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

Tgt Ion:	62	Resp:	158507
Ion Ratio	Lower	Upper	
62	100		
98	8.0	6.6	9.8





#37

Trichloroethene

Concen: 20.274 ug/l

RT: 9.329 min Scan# 1254

Delta R.T. -0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion:130 Resp: 8324

Ion Ratio Lower Upper

130 100

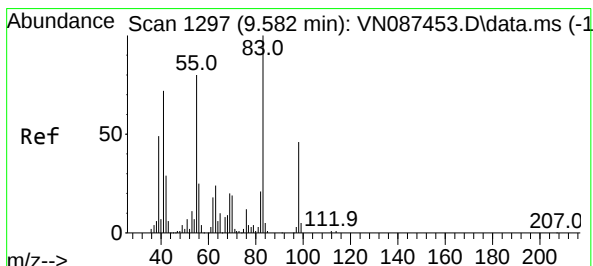
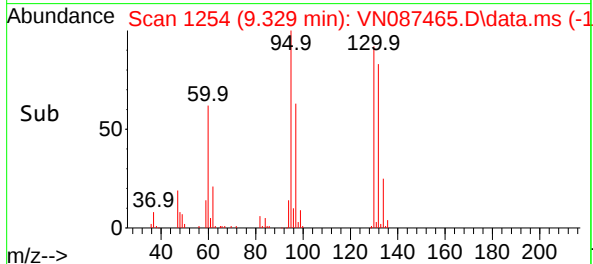
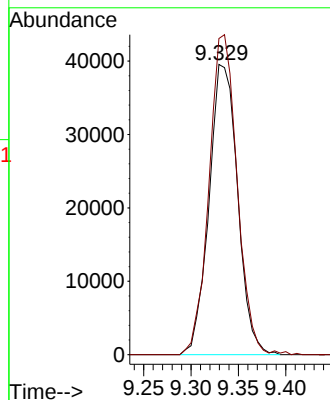
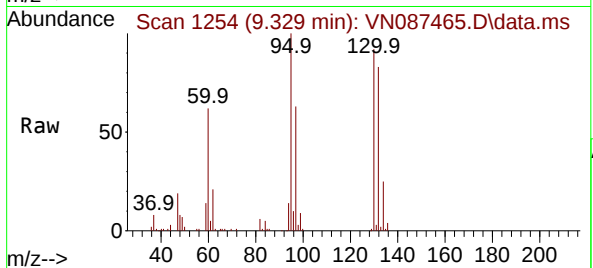
95 109.0 91.4 137.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#38

Methylcyclohexane

Concen: 21.049 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

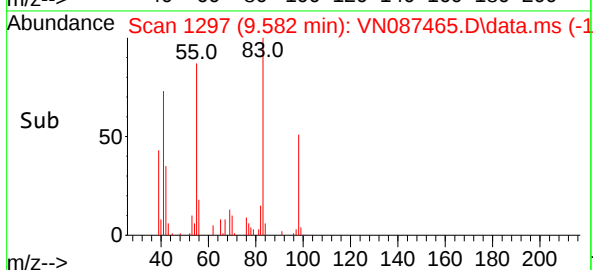
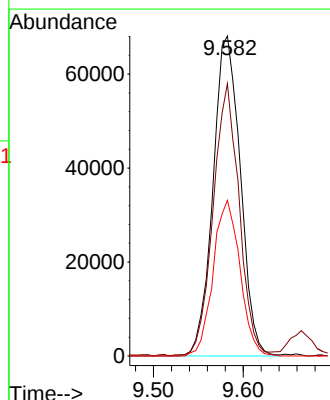
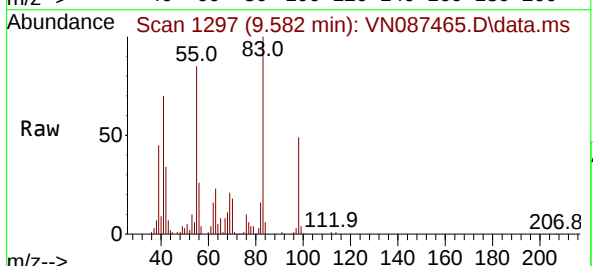
Tgt Ion: 83 Resp: 144189

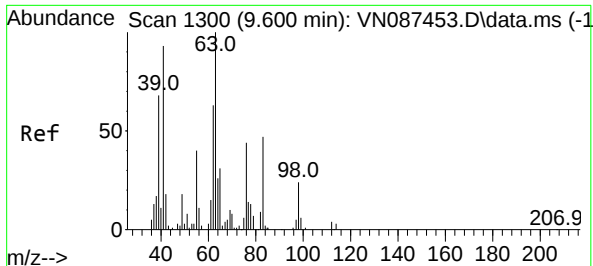
Ion Ratio Lower Upper

83 100

55 80.6 41.2 123.6

98 47.6 23.3 69.9





#39

1,2-Dichloropropane

Concen: 21.024 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087465.D

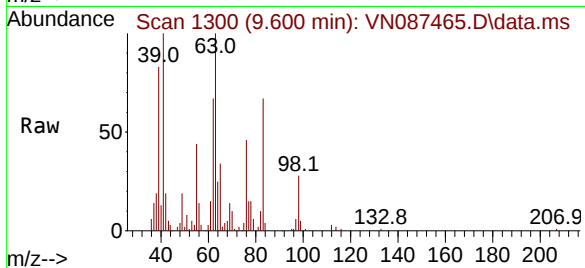
Acq: 05 Aug 2025 18:56

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 63 Resp: 100470

Ion Ratio Lower Upper

63 100

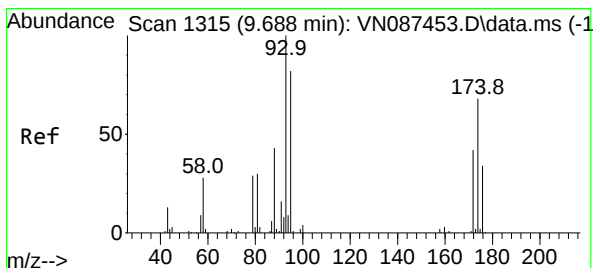
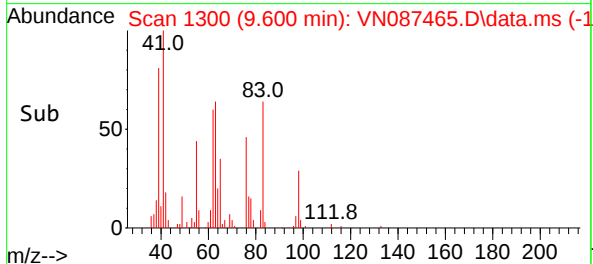
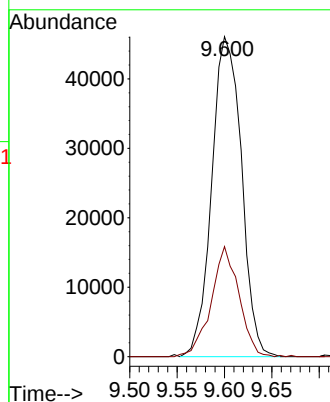
65 34.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#40

Dibromomethane

Concen: 20.674 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

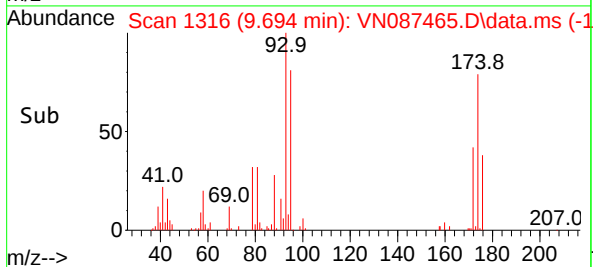
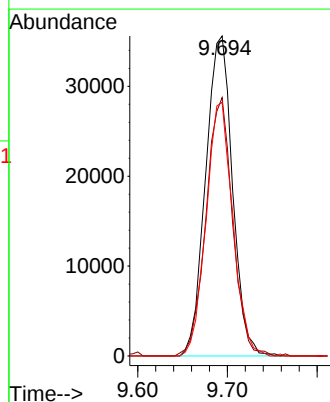
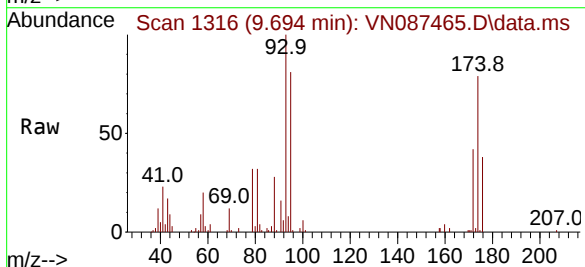
Tgt Ion: 93 Resp: 74131

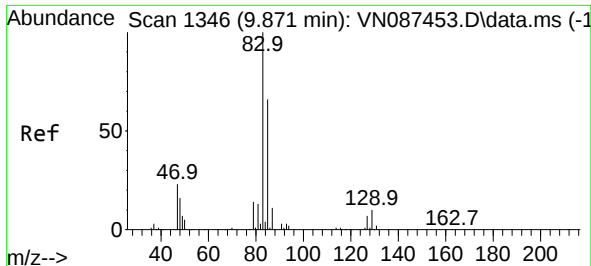
Ion Ratio Lower Upper

93 100

95 79.3 0.0 161.6

174 78.5 0.0 151.4





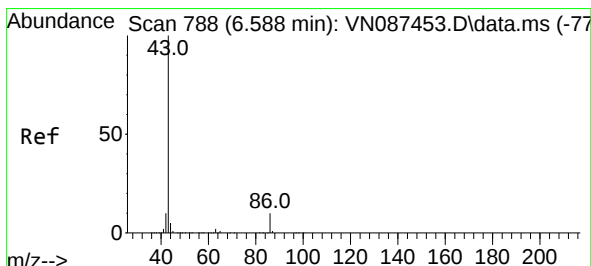
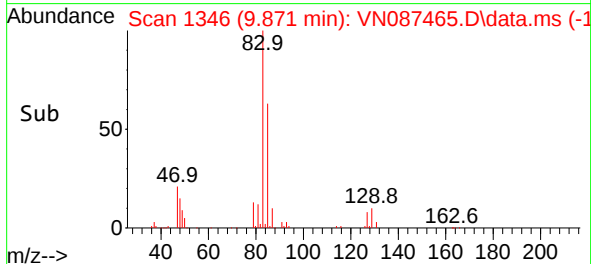
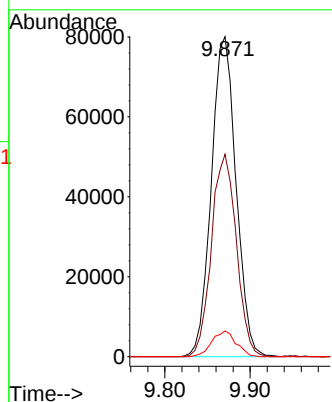
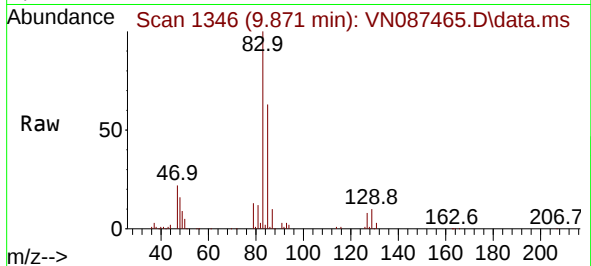
#41
Bromodichloromethane
Concen: 21.651 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

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

Tgt Ion: 83 Resp: 16131
Ion Ratio Lower Upper
83 100
85 63.3 52.9 79.3
127 8.1 5.8 8.6

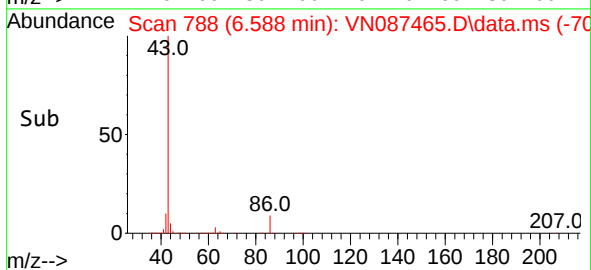
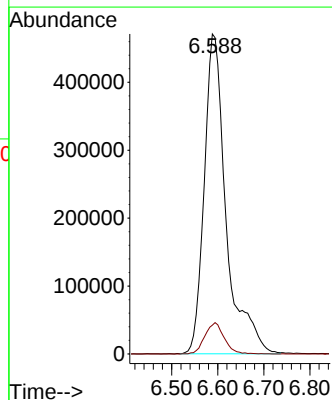
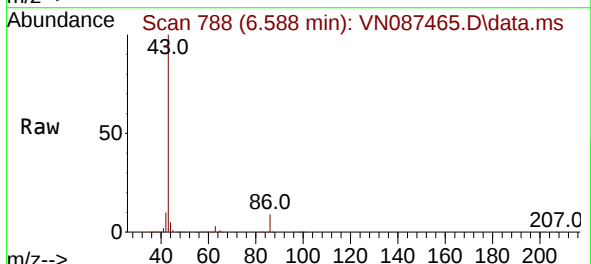
Manual Integrations
APPROVED

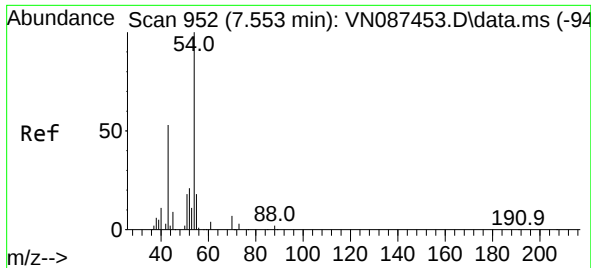
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#42
Vinyl Acetate
Concen: 109.001 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

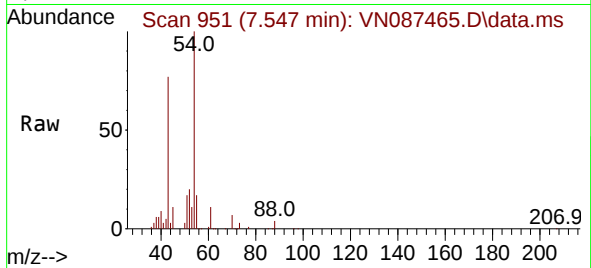
Tgt Ion: 43 Resp: 1562358
Ion Ratio Lower Upper
43 100
86 8.5 7.3 10.9





#43
Ethyl Acetate
Concen: 20.401 ug/l m
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

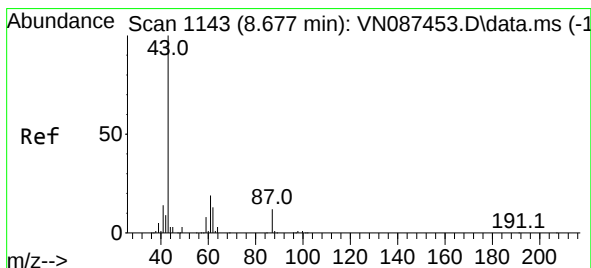
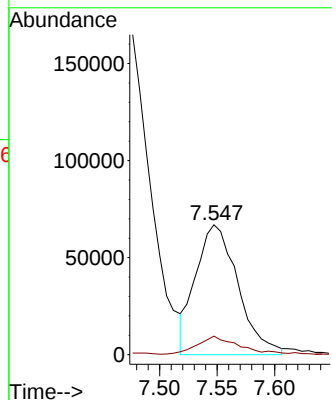
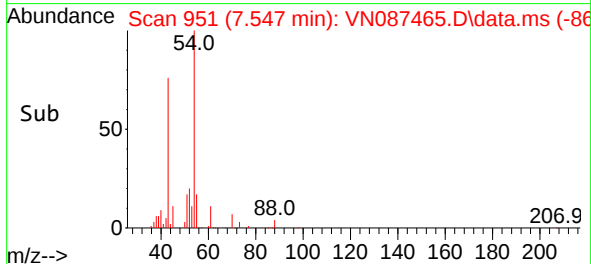
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 43 Resp: 171544
Ion Ratio Lower Upper
43 100
45 13.2 11.1 16.7

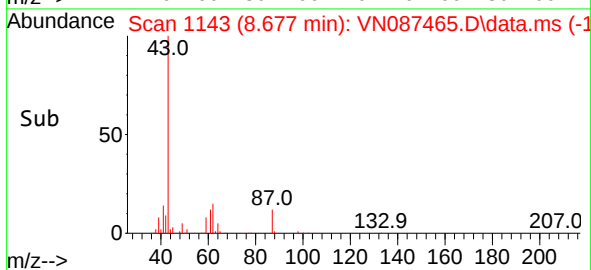
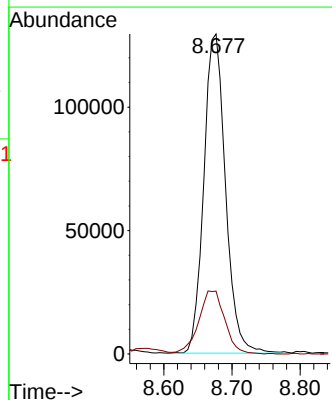
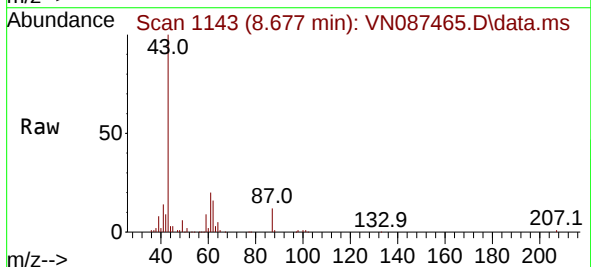
Manual Integrations
APPROVED

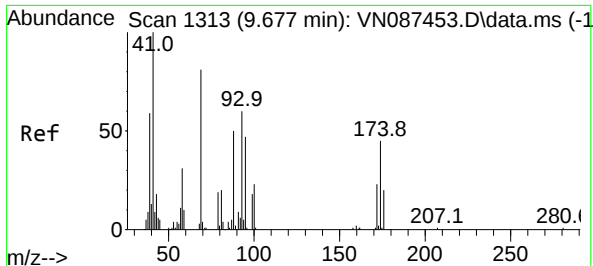
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#44
Isopropyl Acetate
Concen: 20.110 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

Tgt Ion: 43 Resp: 286640
Ion Ratio Lower Upper
43 100
61 23.8 18.6 28.0





#45

1,4-Dioxane

Concen: 418.108 ug/l

RT: 9.676 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion: 88 Resp: 3799

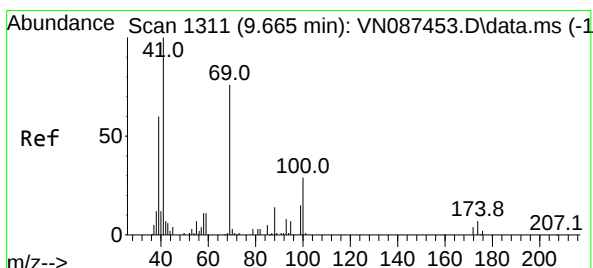
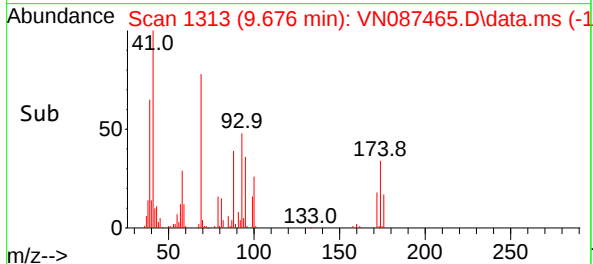
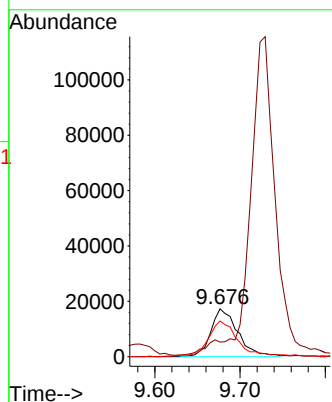
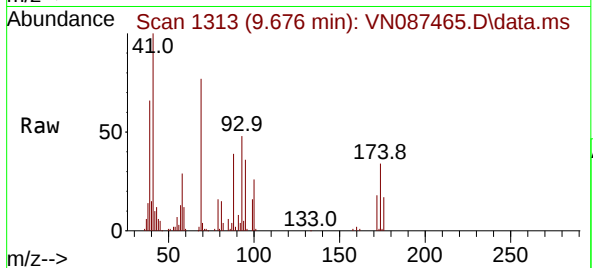
Ion	Ratio	Lower	Upper
88	100		
43	19.6	24.1	36.1
58	79.5	57.2	85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#46

Methyl methacrylate

Concen: 18.940 ug/l

RT: 9.665 min Scan# 1311

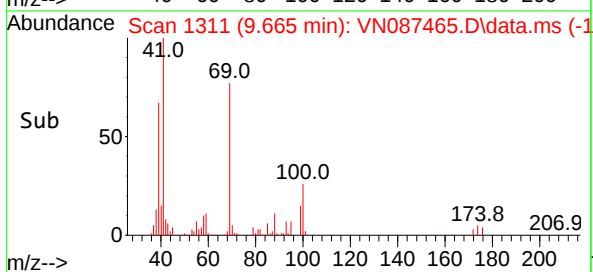
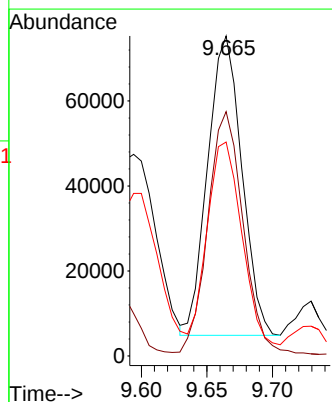
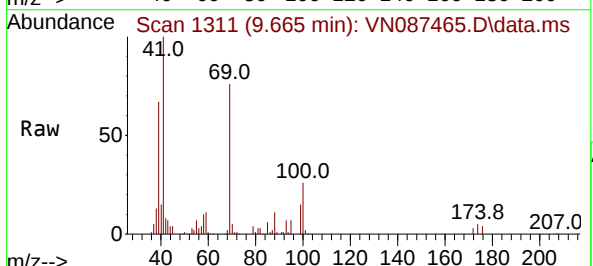
Delta R.T. -0.000 min

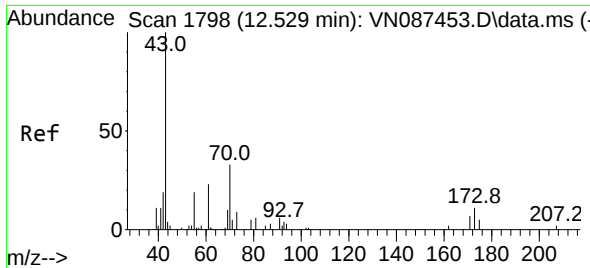
Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Tgt Ion: 41 Resp: 127427

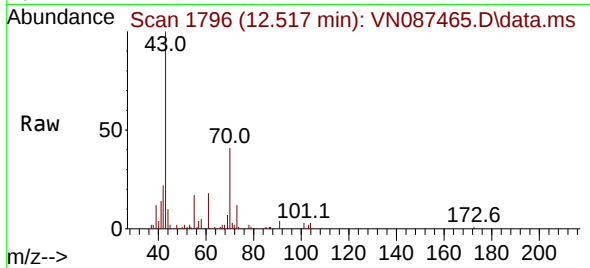
Ion	Ratio	Lower	Upper
41	100		
69	80.4	37.1	111.5
39	67.7	30.7	92.1





#47
n-amy1 Acetate
Concen: 22.937 ug/l m
RT: 12.517 min Scan# 1796
Delta R.T. -0.012 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

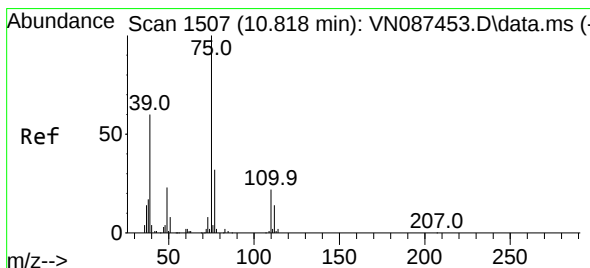
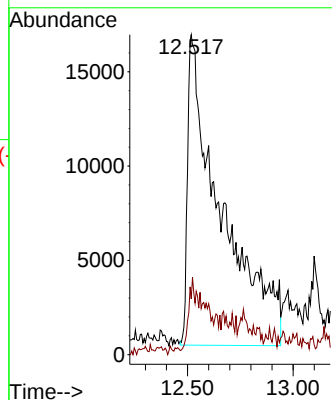
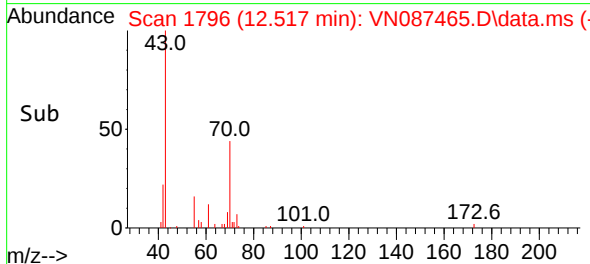
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 43 Resp: 180598
Ion Ratio Lower Upper
43 100
55 0.1 4.6 6.8

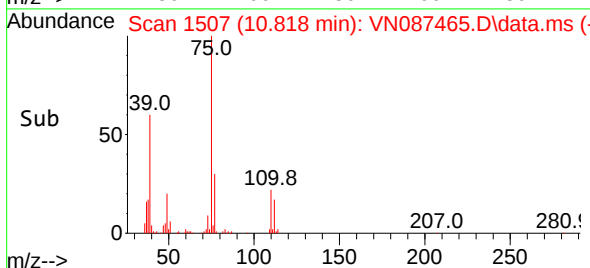
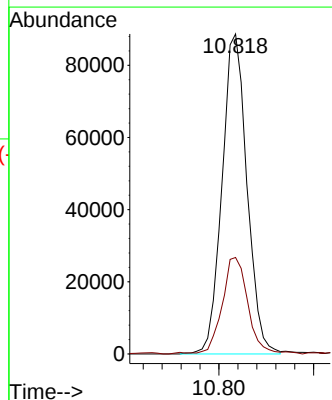
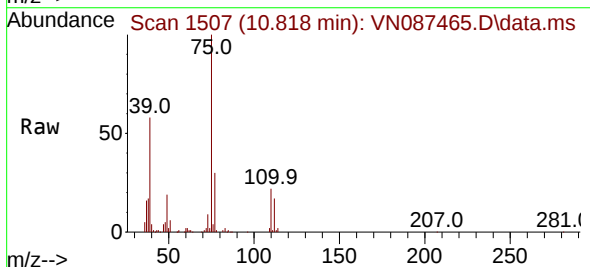
Manual Integrations
APPROVED

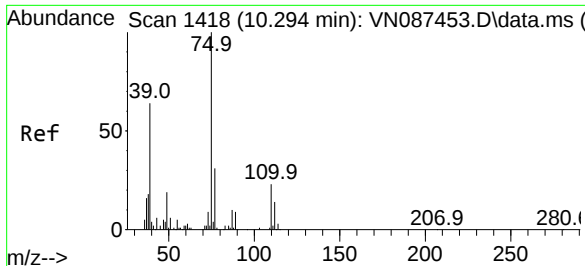
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#48
t-1,3-Dichloropropene
Concen: 20.009 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

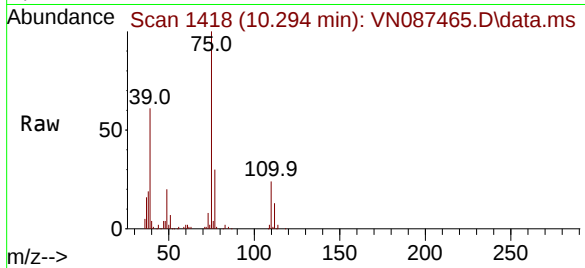
Tgt Ion: 75 Resp: 162195
Ion Ratio Lower Upper
75 100
77 29.7 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.660 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN087465.D
 Acq: 05 Aug 2025 18:56

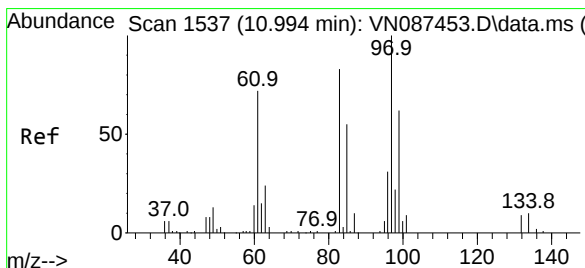
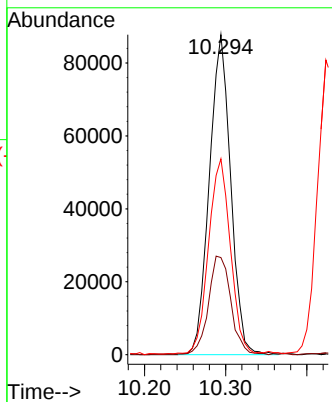
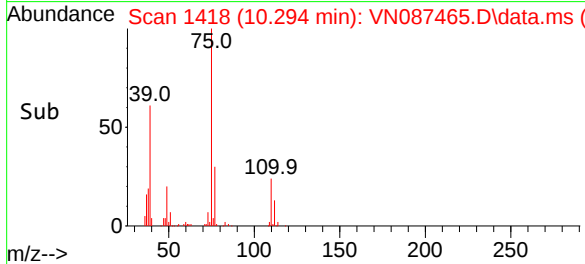
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 75 Resp: 160379
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.6 36.8
 39 60.7 51.5 77.3

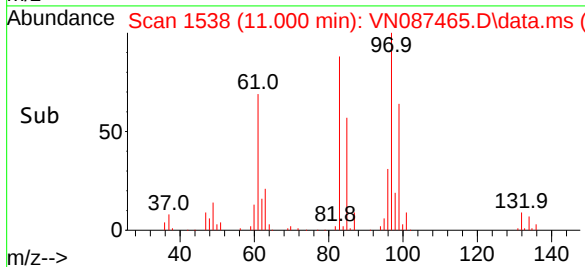
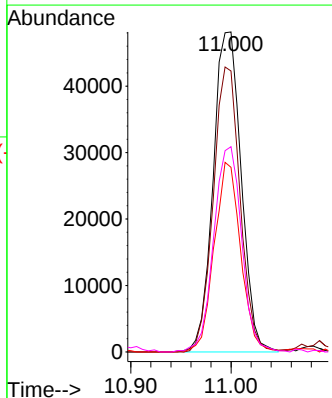
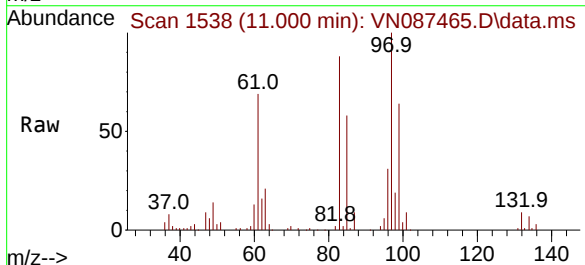
Manual Integrations
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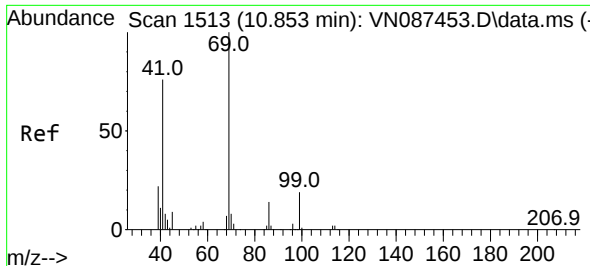
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.690 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN087465.D
 Acq: 05 Aug 2025 18:56

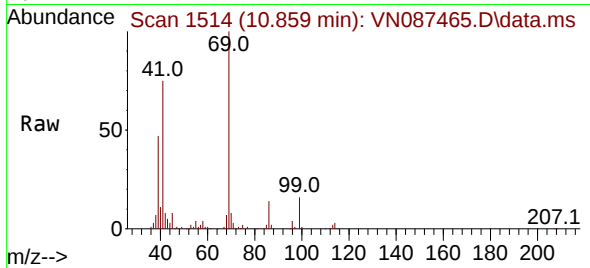
Tgt Ion: 97 Resp: 93732
 Ion Ratio Lower Upper
 97 100
 83 87.5 66.2 99.2
 85 57.7 43.9 65.9
 99 63.8 50.0 75.0





#51
Ethyl methacrylate
Concen: 20.525 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

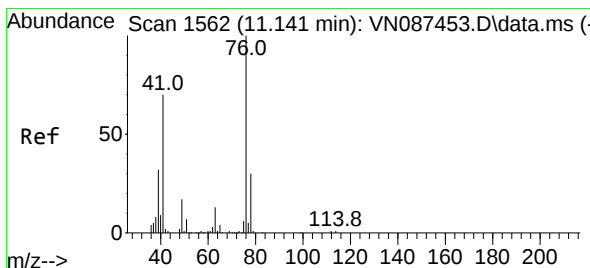
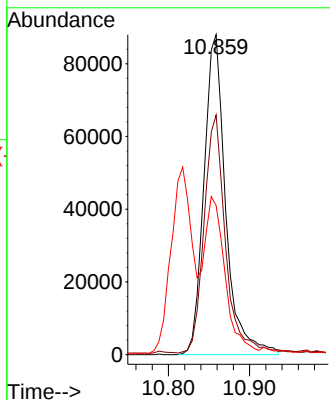
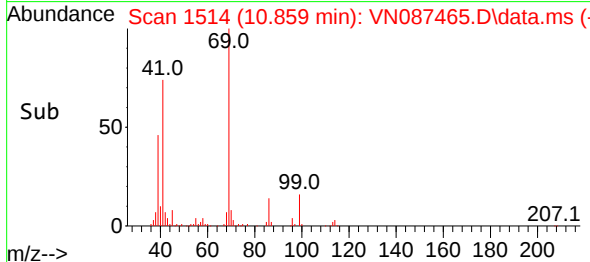
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 69 Resp: 163762
Ion Ratio Lower Upper
69 100
41 74.4 38.0 114.1
39 45.4 23.2 69.5

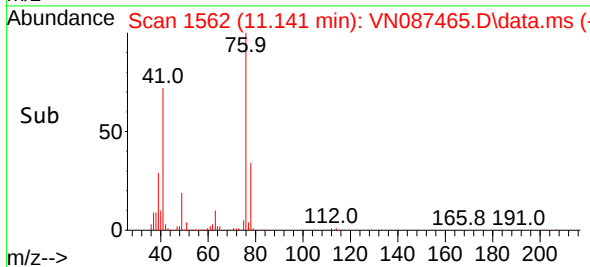
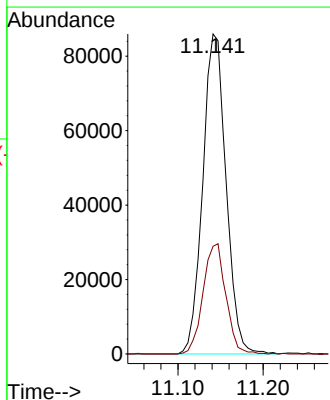
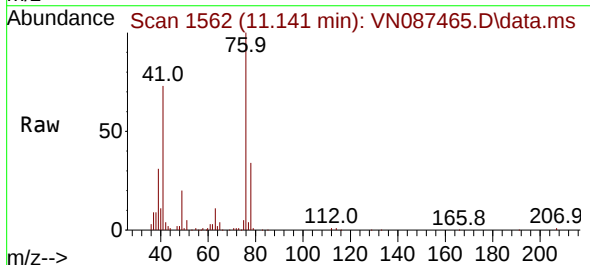
Manual Integrations
APPROVED

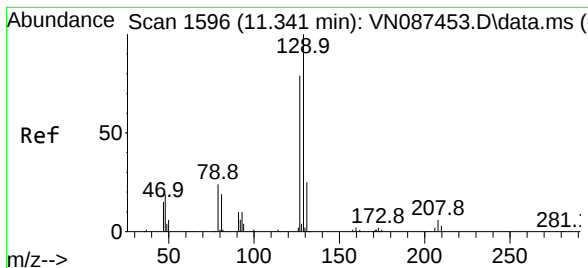
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#52
1,3-Dichloropropane
Concen: 20.041 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

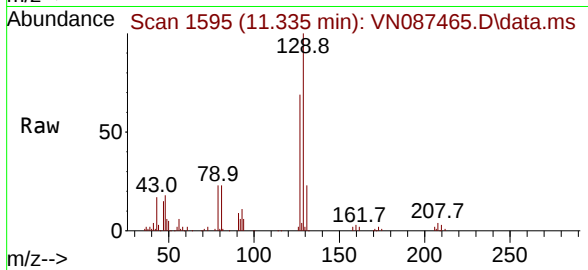
Tgt Ion: 76 Resp: 163568
Ion Ratio Lower Upper
76 100
78 33.5 0.0 63.0





#53
Dibromochloromethane
Concen: 20.472 ug/l
RT: 11.335 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

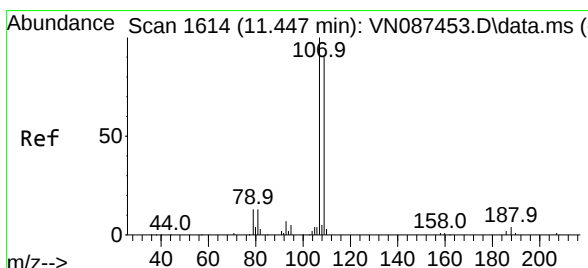
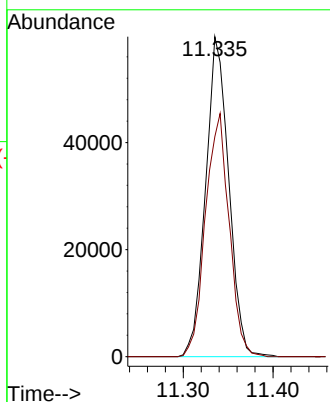
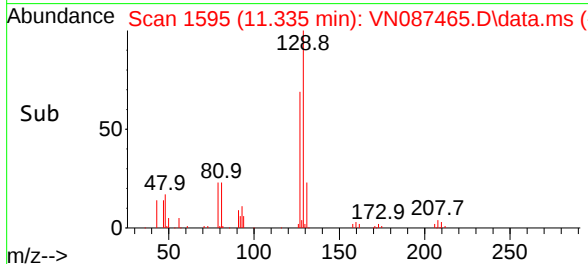
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MSD



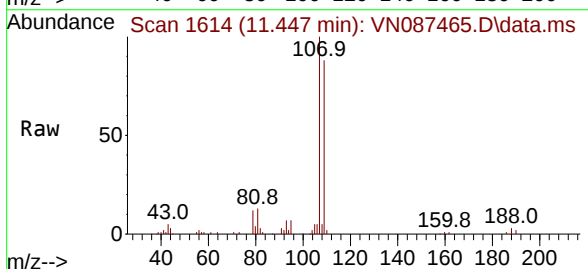
Tgt Ion:129 Resp: 107100
Ion Ratio Lower Upper
129 100
127 77.7 39.1 117.3

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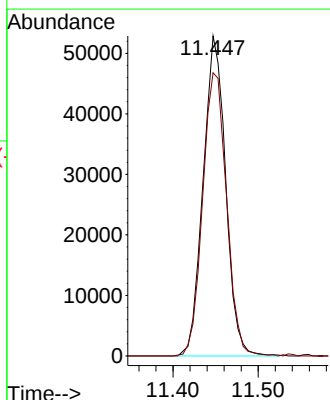
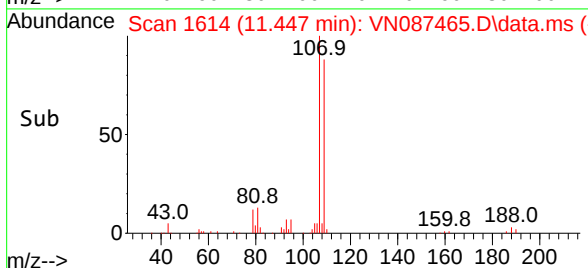
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

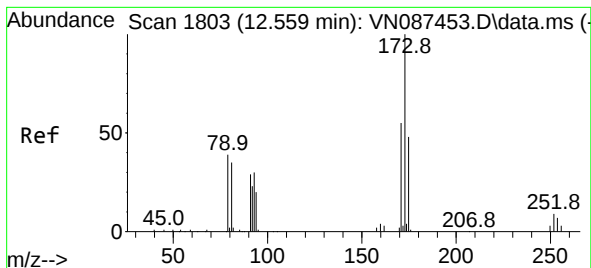


#54
1,2-Dibromoethane
Concen: 20.144 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



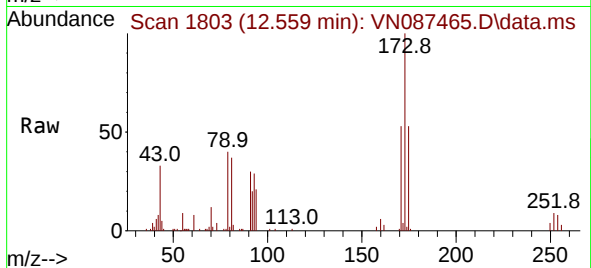
Tgt Ion:107 Resp: 96878
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4





#56
Bromoform
Concen: 19.670 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

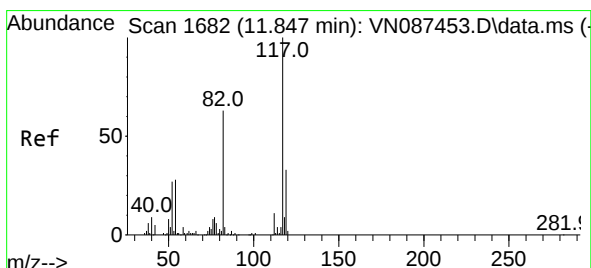
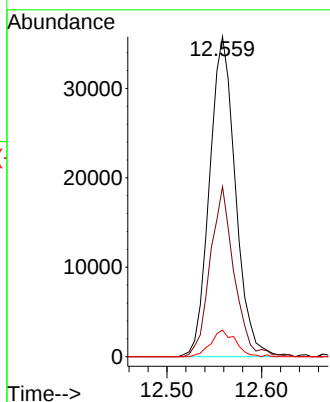
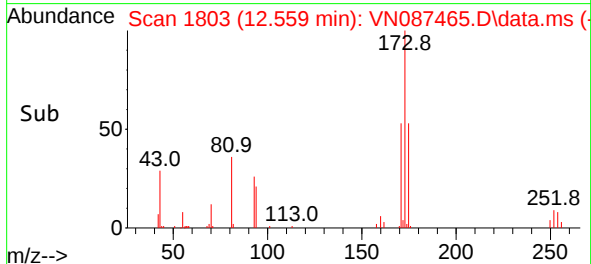
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD



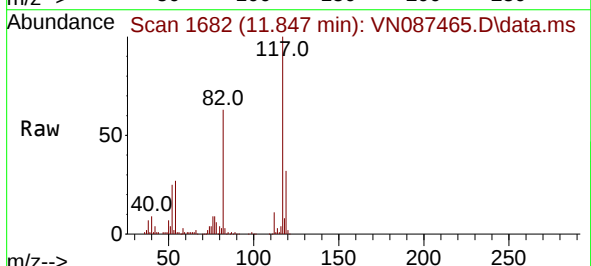
Tgt Ion:173 Resp: 68070
Ion Ratio Lower Upper
173 100
175 48.1 38.8 58.2
254 7.8 3.9 5.9

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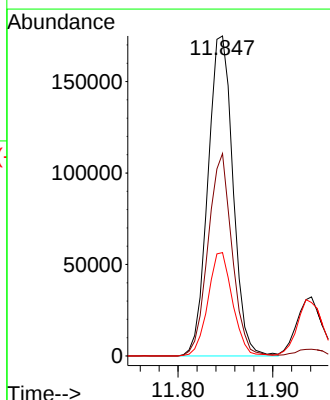
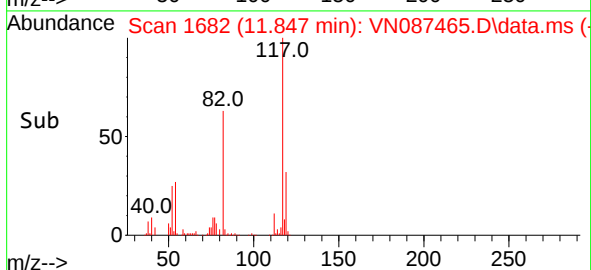
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

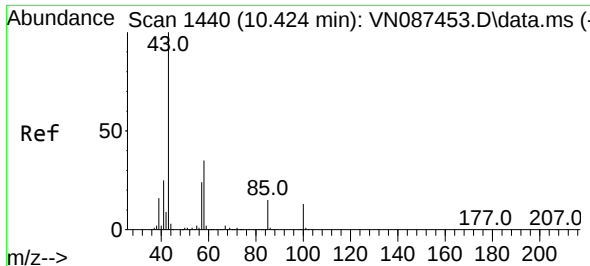


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



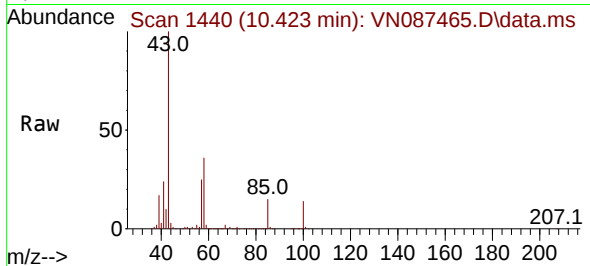
Tgt Ion:117 Resp: 321655
Ion Ratio Lower Upper
117 100
82 60.5 49.2 73.8
119 31.7 25.7 38.5





#58
4-Methyl-2-Pentanone
Concen: 107.904 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

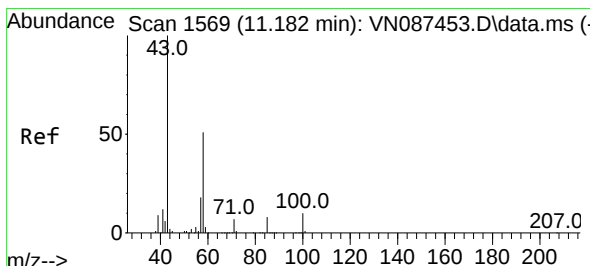
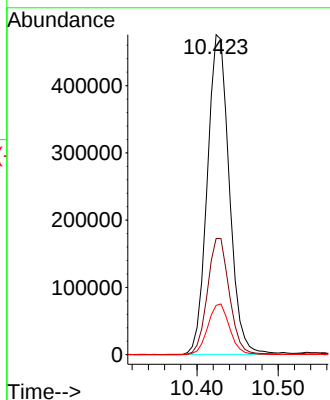
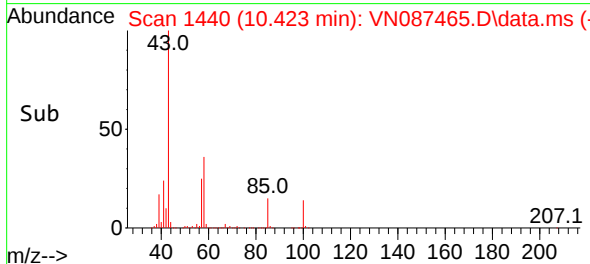
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD



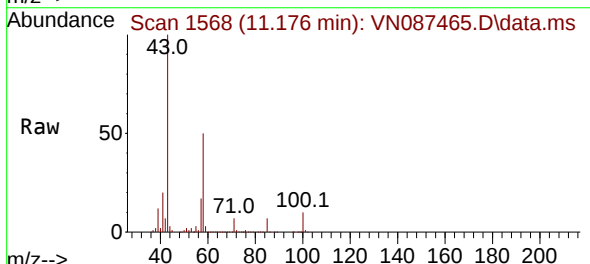
Tgt Ion: 43 Resp: 892848
Ion Ratio Lower Upper
43 100
58 36.4 29.0 43.6
85 15.7 12.7 19.1

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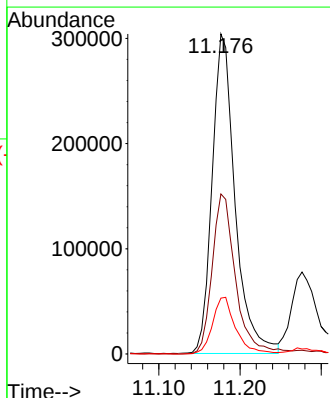
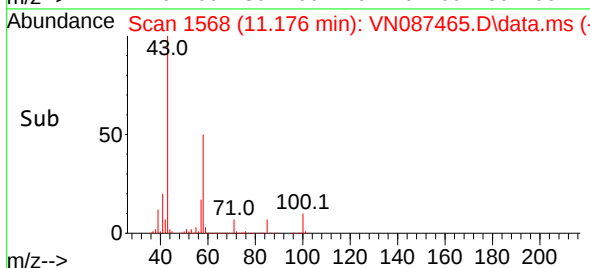
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

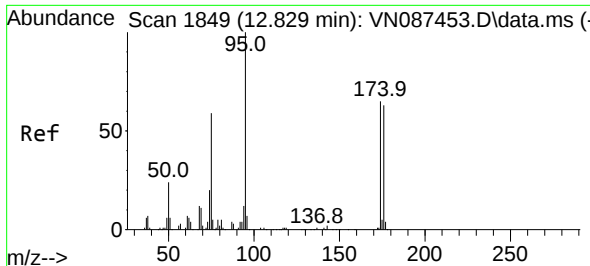


#59
2-Hexanone
Concen: 106.178 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



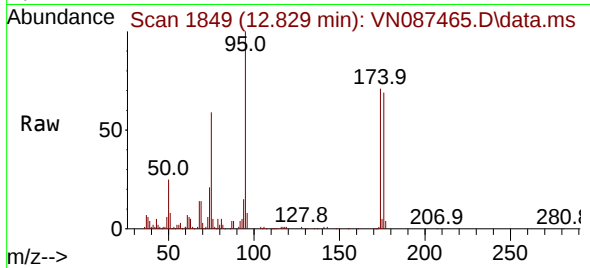
Tgt Ion: 43 Resp: 596944
Ion Ratio Lower Upper
43 100
58 51.2 41.0 61.6
57 17.6 14.6 21.8





#60
4-Bromofluorobenzene
Concen: 29.724 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

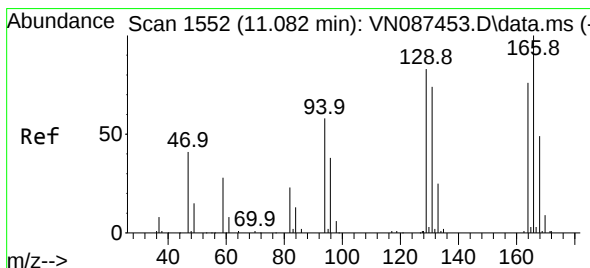
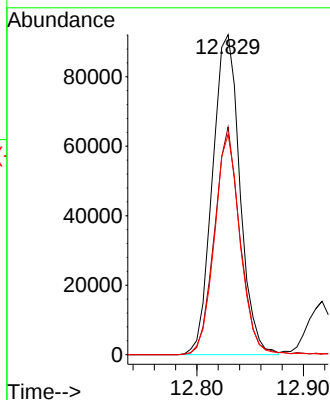
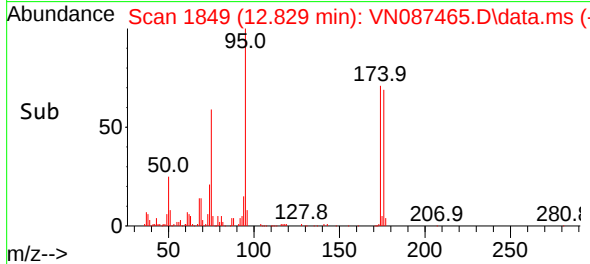
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 95 Resp: 16453
Ion Ratio Lower Upper
95 100
174 65.9 52.3 78.5
176 64.4 49.8 74.8

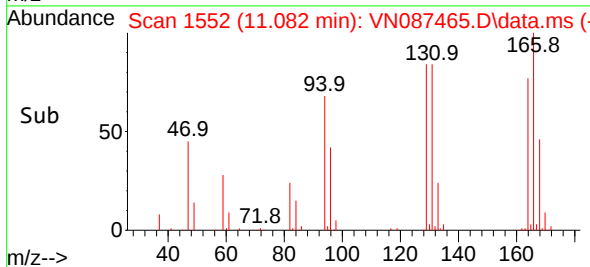
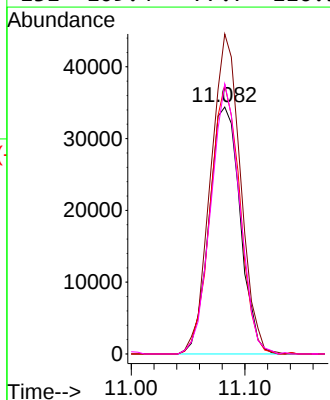
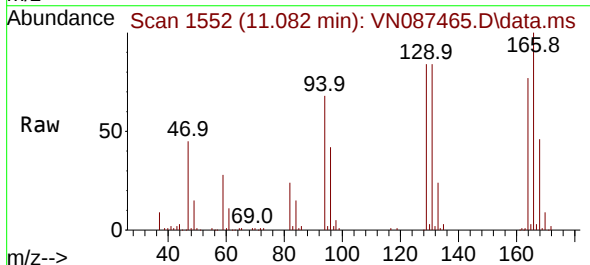
Manual Integrations
APPROVED

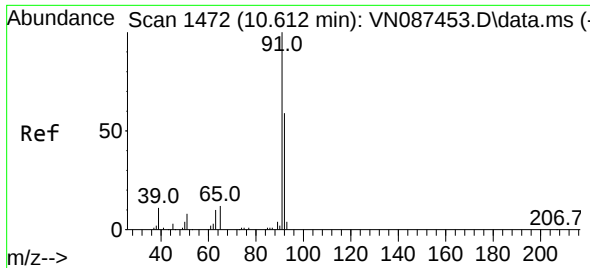
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#61
Tetrachloroethene
Concen: 20.828 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

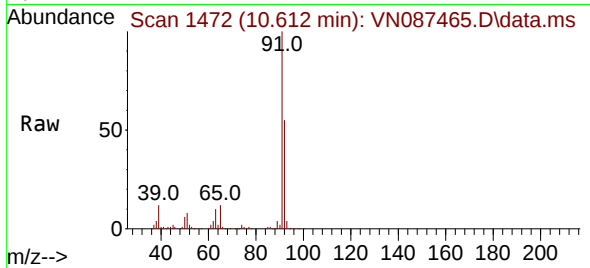
Tgt Ion:164 Resp: 65268
Ion Ratio Lower Upper
164 100
166 129.6 105.4 158.0
129 108.9 87.7 131.5
131 109.4 77.7 116.5





#62
Toluene
Concen: 25.956 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

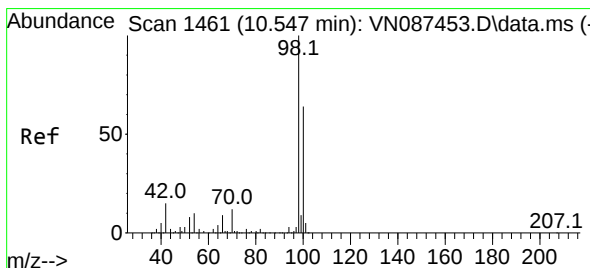
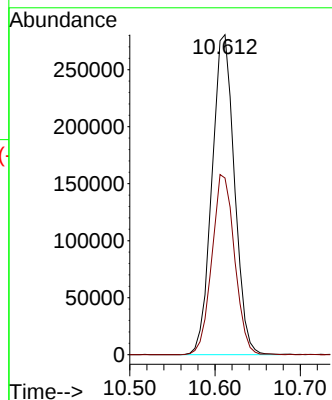
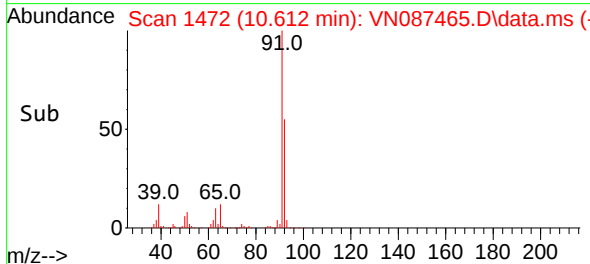
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD



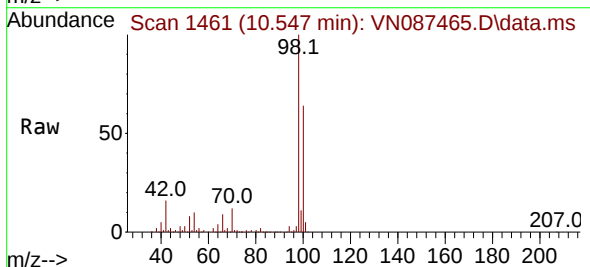
Tgt Ion: 91 Resp: 515298
Ion Ratio Lower Upper
91 100
92 56.7 45.8 68.6

Manual Integrations
APPROVED

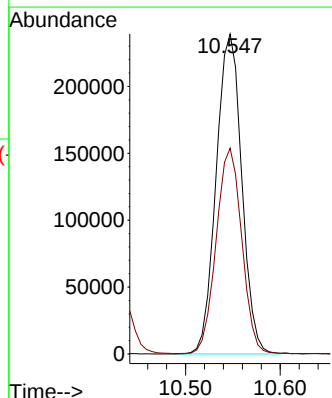
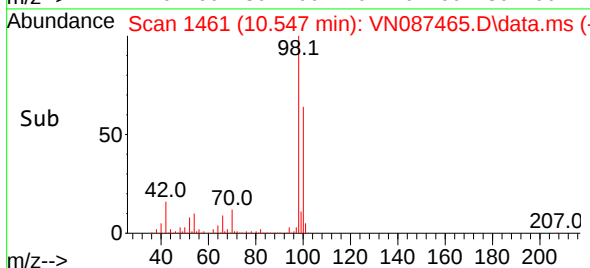
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

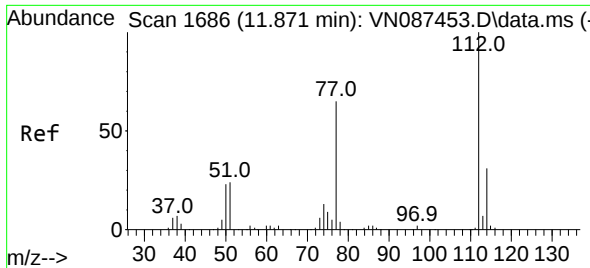


#63
Toluene-d8
Concen: 30.313 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



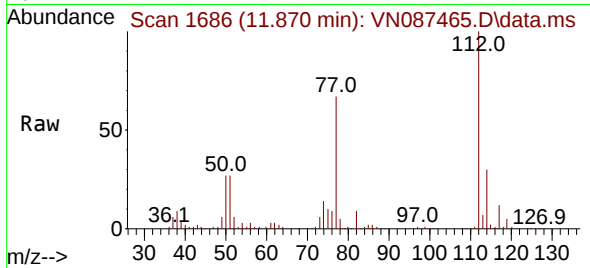
Tgt Ion: 98 Resp: 448635
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7





#64
Chlorobenzene
Concen: 20.571 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

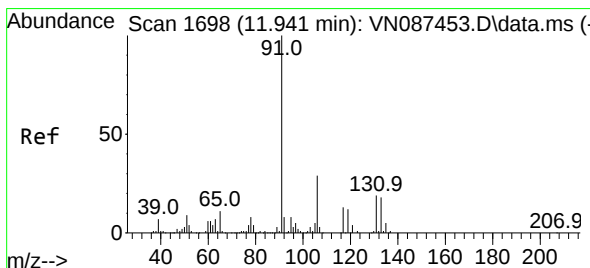
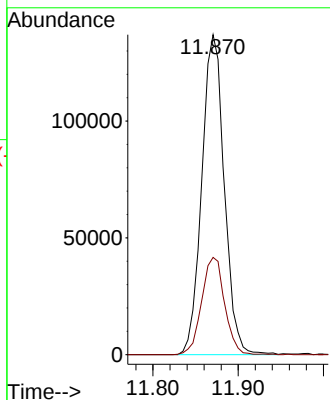
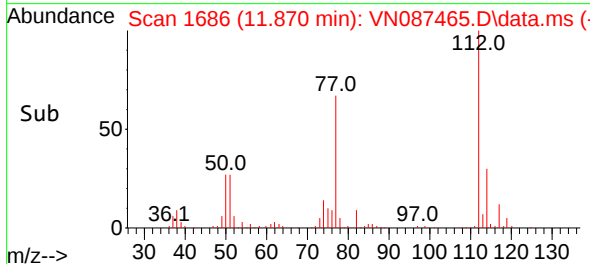
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MSD



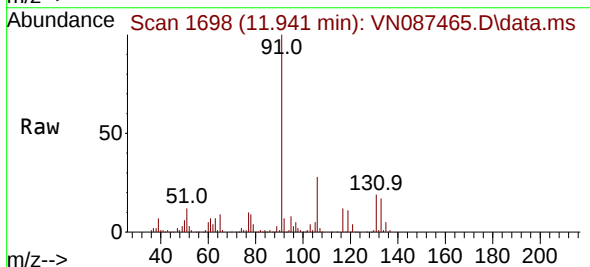
Tgt Ion:112 Resp: 25094
Ion Ratio Lower Upper
112 100
114 30.4 24.7 37.1

Manual Integrations
APPROVED

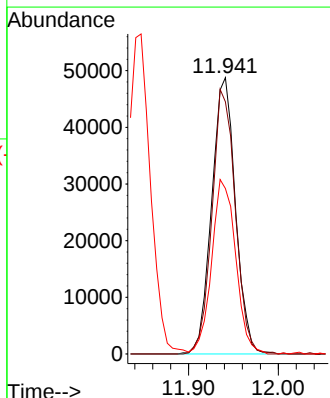
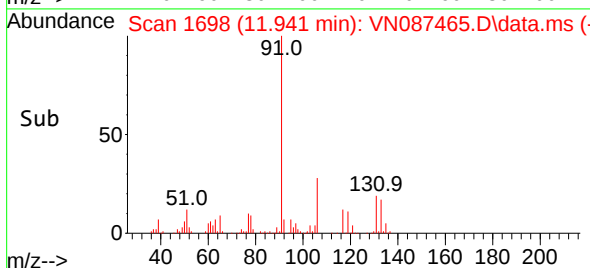
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

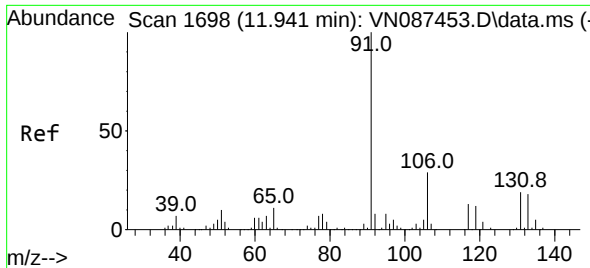


#65
1,1,1,2-Tetrachloroethane
Concen: 20.880 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



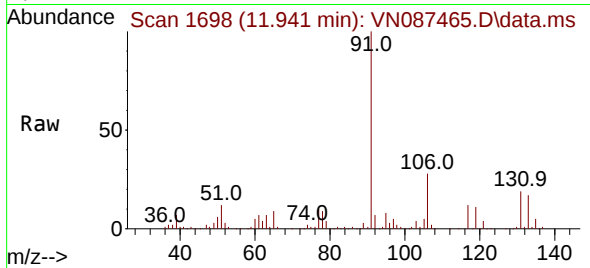
Tgt Ion:131 Resp: 89553
Ion Ratio Lower Upper
131 100
133 94.0 0.0 189.8
119 63.8 0.0 133.2





#66
Ethyl Benzene
Concen: 20.600 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

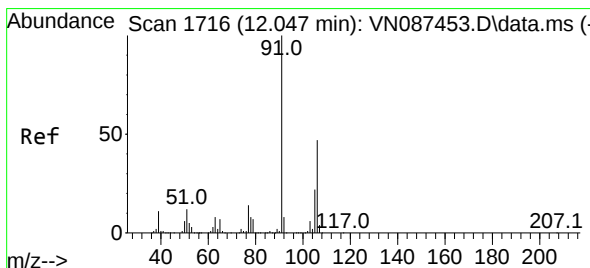
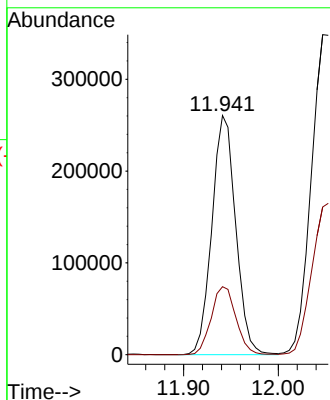
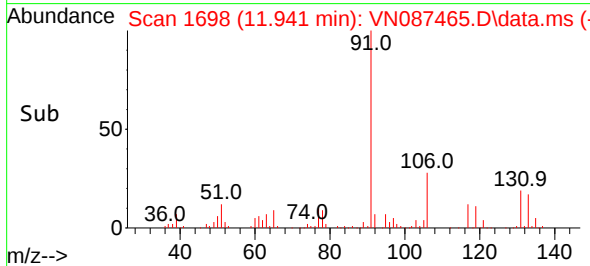
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD



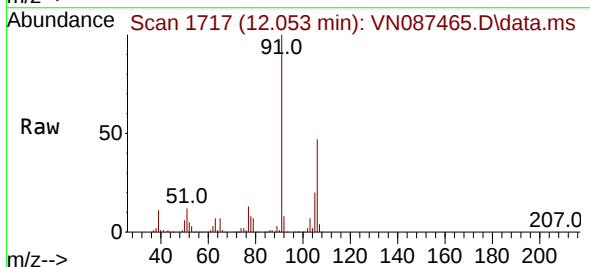
Tgt Ion: 91 Resp: 455815
Ion Ratio Lower Upper
91 100
106 28.4 22.9 34.3

Manual Integrations
APPROVED

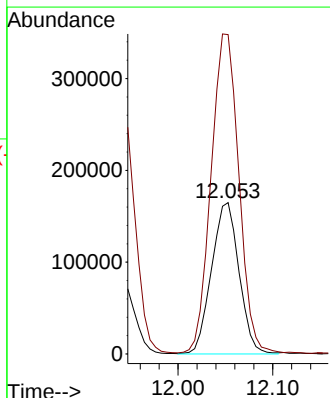
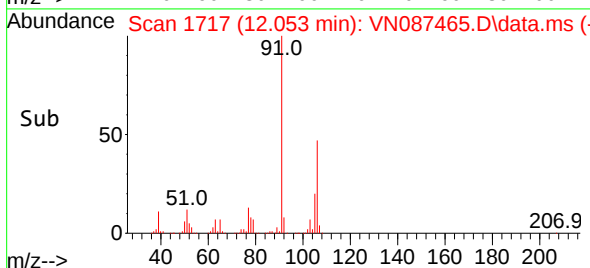
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

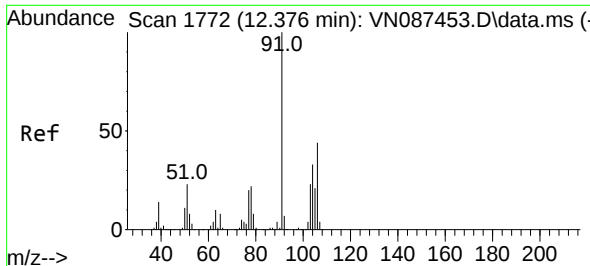


#67
m/p-Xylenes
Concen: 40.949 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



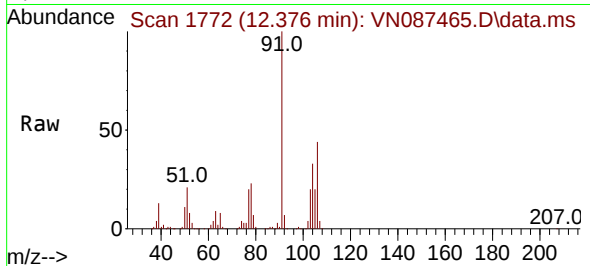
Tgt Ion:106 Resp: 332592
Ion Ratio Lower Upper
106 100
91 212.4 174.2 261.2





#68
o-Xylene
Concen: 20.205 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

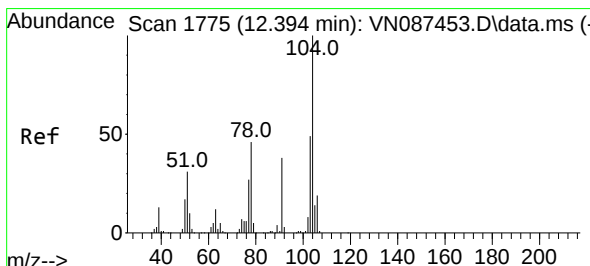
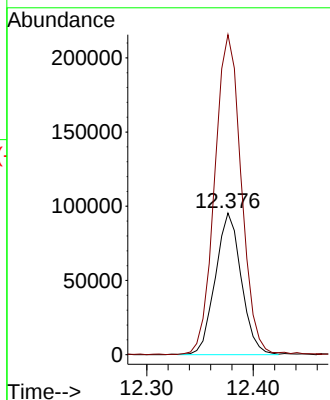
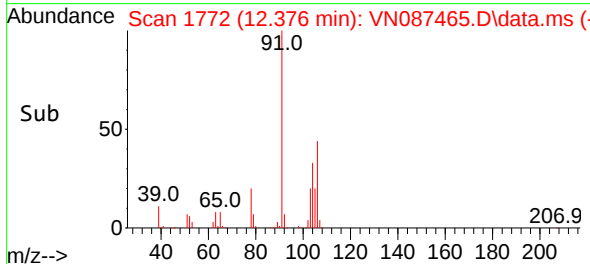
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD



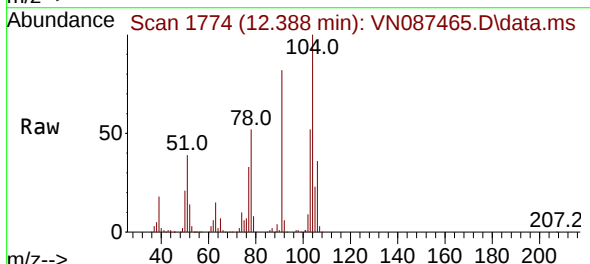
Tgt Ion:106 Resp: 16145
Ion Ratio Lower Upper
106 100
91 230.8 114.5 343.5

Manual Integrations
APPROVED

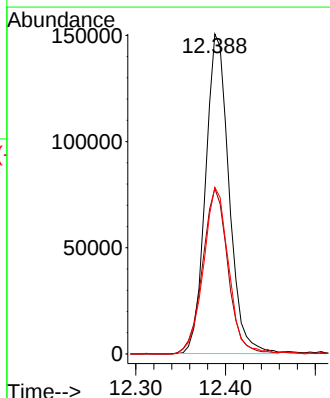
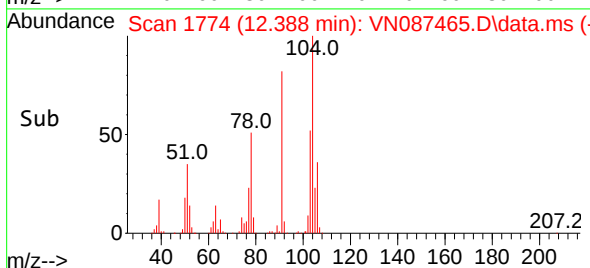
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

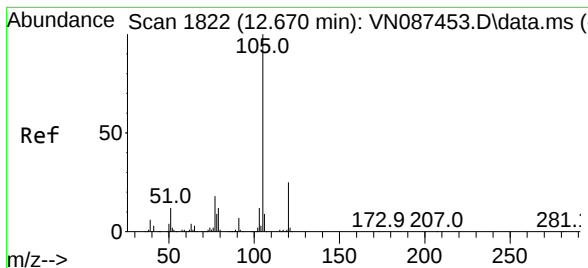


#69
Styrene
Concen: 20.028 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



Tgt Ion:104 Resp: 273254
Ion Ratio Lower Upper
104 100
78 56.0 43.8 65.8
103 56.1 43.1 64.7





#70

Isopropylbenzene

Concen: 20.991 ug/l

RT: 12.676 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VN087465.D

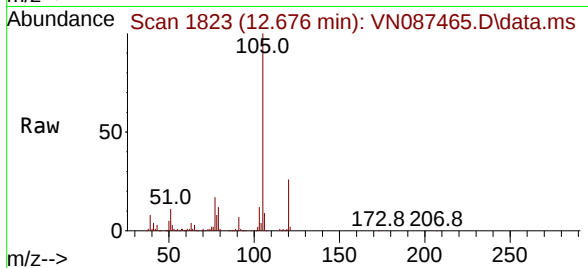
Acq: 05 Aug 2025 18:56

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion:105 Resp: 42612

Ion Ratio Lower Upper

105 100

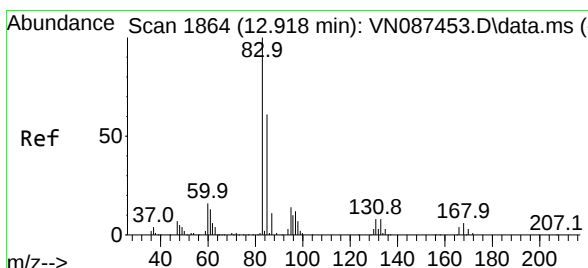
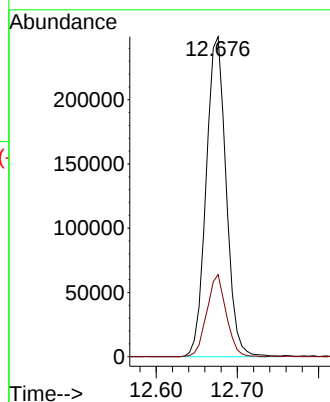
120 24.8 17.5 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#71

1,1,2,2-Tetrachloroethane

Concen: 21.337 ug/l

RT: 12.917 min Scan# 1864

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

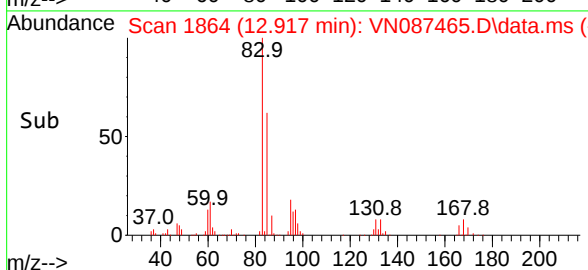
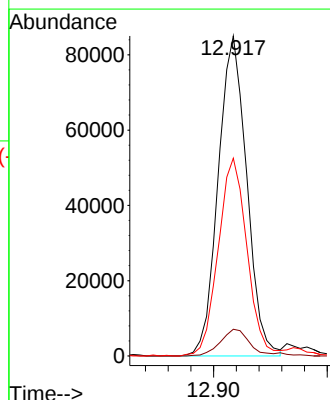
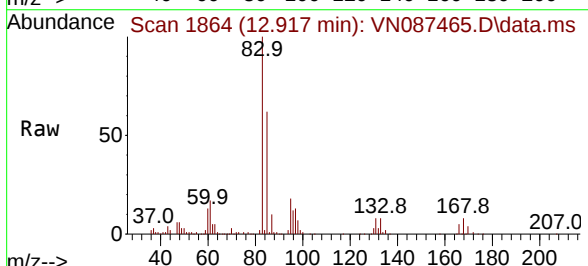
Tgt Ion: 83 Resp: 148411

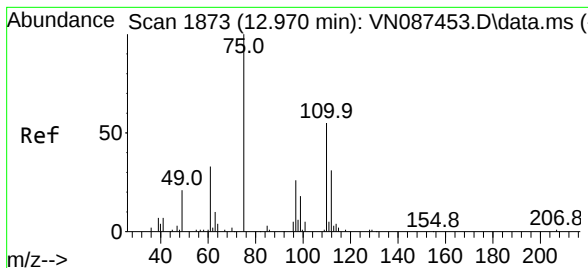
Ion Ratio Lower Upper

83 100

131 8.4 4.8 14.3

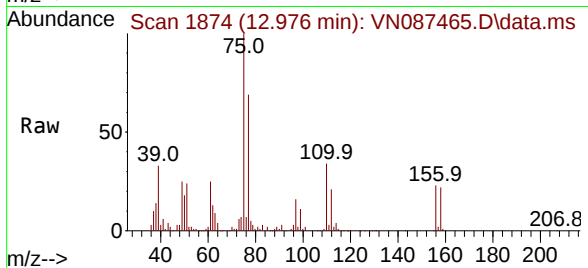
85 62.2 31.7 95.1





#72
1,2,3-Trichloropropane
Concen: 22.278 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

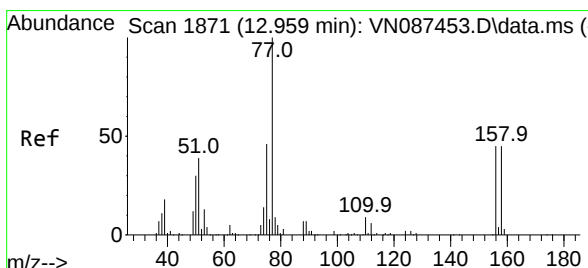
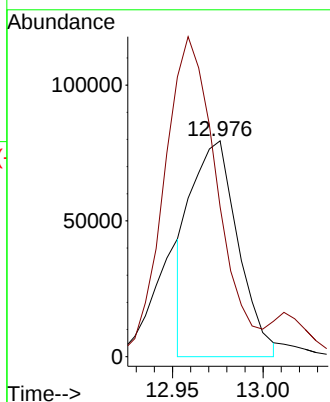
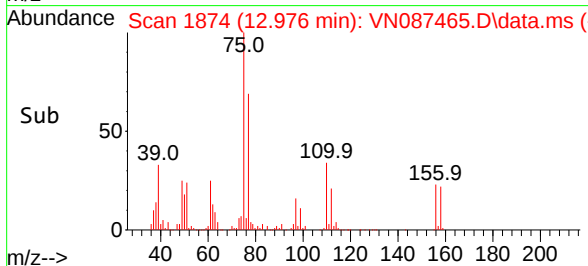
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 75 Resp: 144354
Ion Ratio Lower Upper
75 100
77 166.0 0.0 385.0

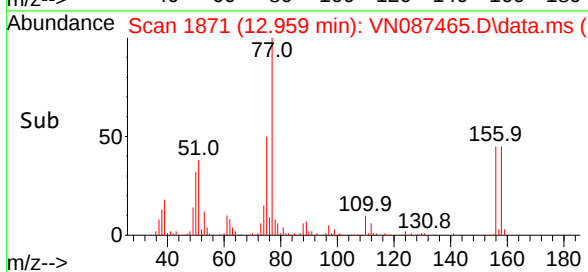
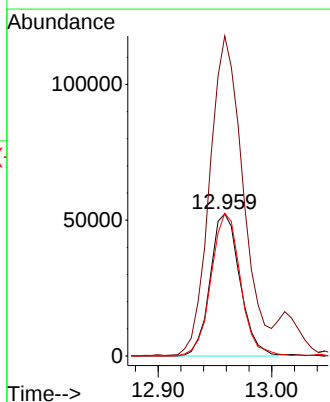
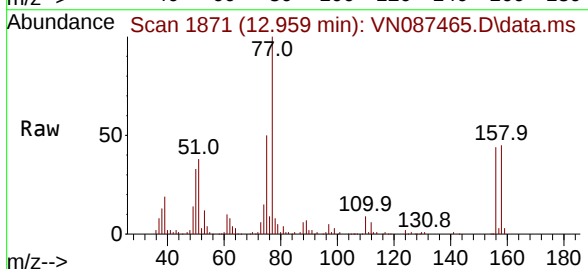
Manual Integrations
APPROVED

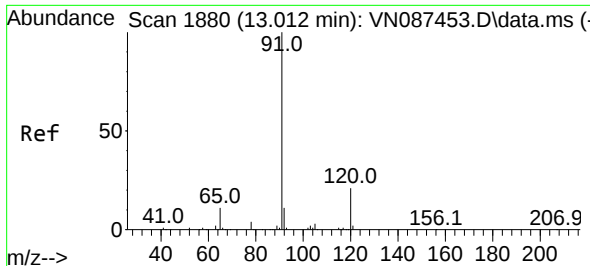
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#73
Bromobenzene
Concen: 20.219 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

Tgt Ion:156 Resp: 95153
Ion Ratio Lower Upper
156 100
77 251.9 0.0 506.6
158 99.1 0.0 193.6





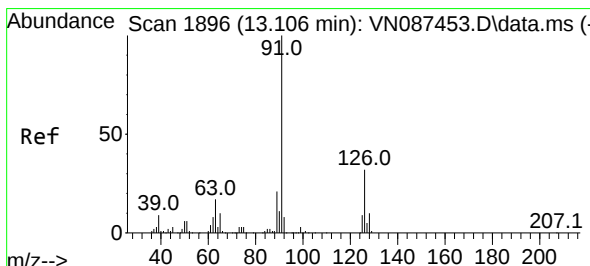
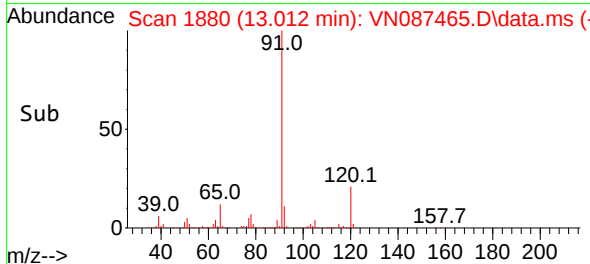
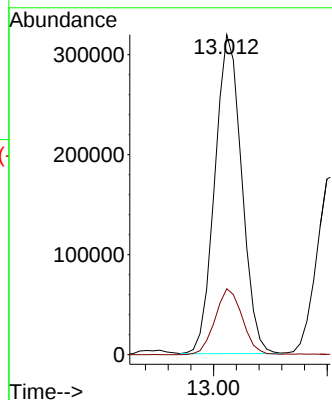
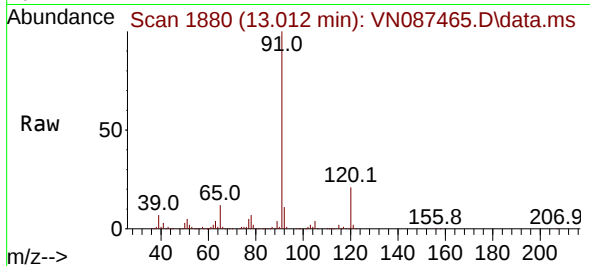
#74
n-propylbenzene
Concen: 20.656 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

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

Tgt Ion: 91 Resp: 52370
Ion Ratio Lower Upper
91 100
120 21.0 0.0 41.8

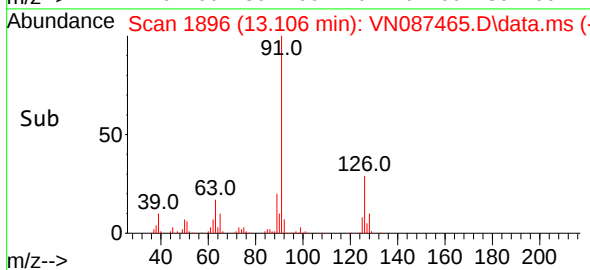
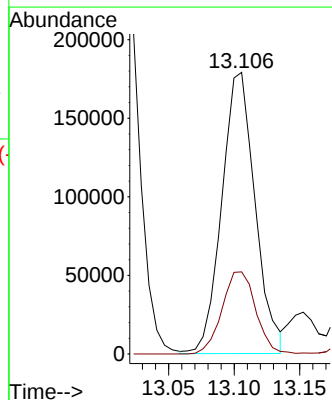
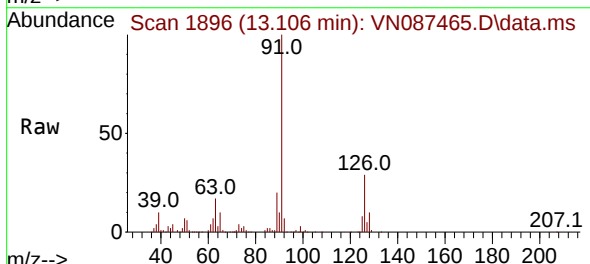
Manual Integrations
APPROVED

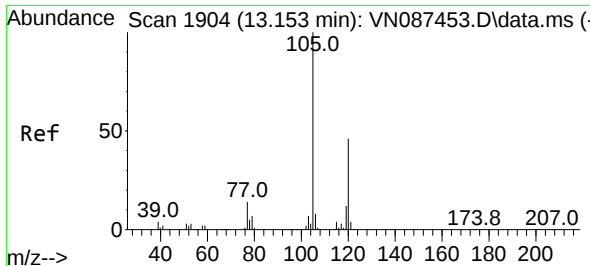
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#75
2-Chlorotoluene
Concen: 20.296 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

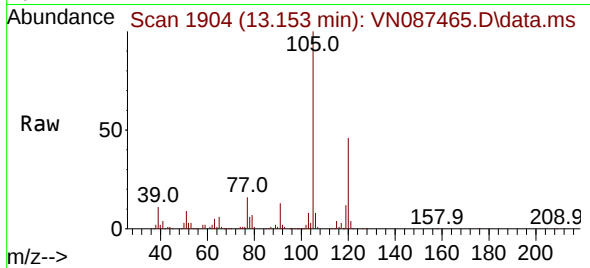
Tgt Ion: 91 Resp: 316527
Ion Ratio Lower Upper
91 100
126 29.5 0.0 60.4





#76
1,3,5-Trimethylbenzene
Concen: 20.236 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

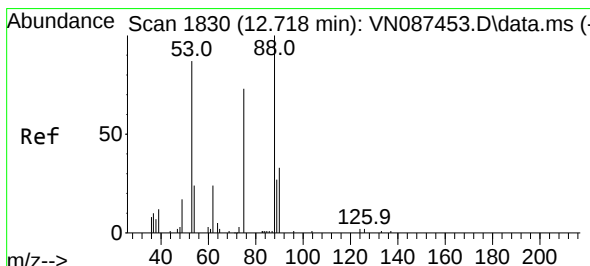
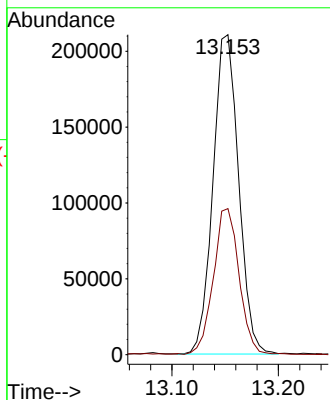
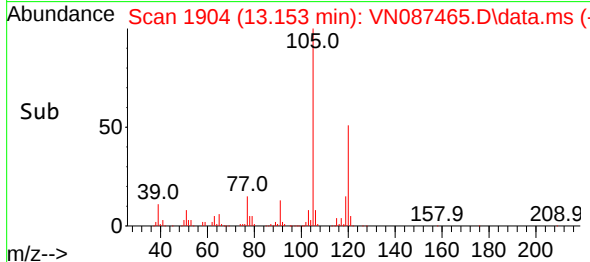
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion:105 Resp: 351738
Ion Ratio Lower Upper
105 100
120 45.5 0.0 91.2

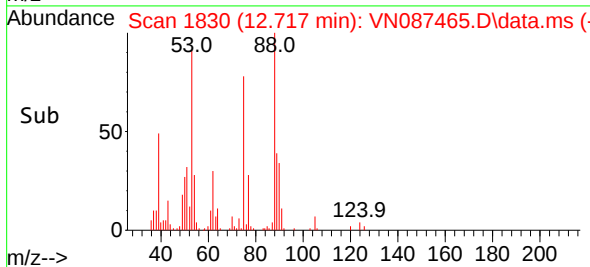
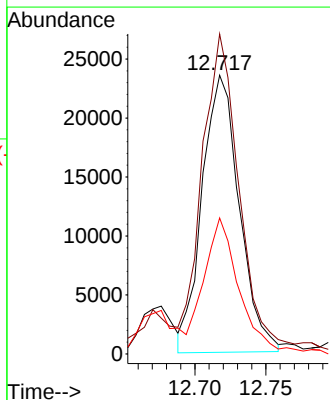
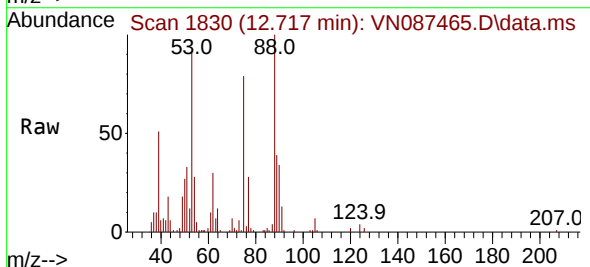
Manual Integrations
APPROVED

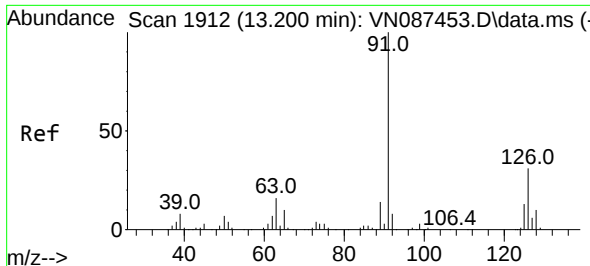
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#77
t-1,4-Dichloro-2-butene
Concen: 17.462 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

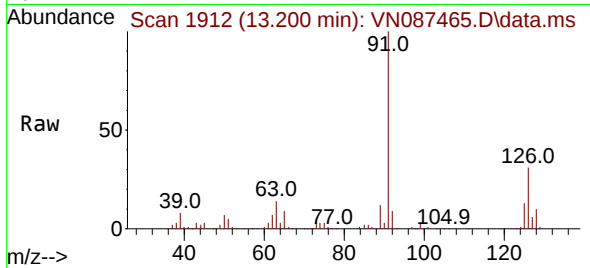
Tgt Ion: 75 Resp: 42832
Ion Ratio Lower Upper
75 100
53 113.5 59.0 176.8
89 48.7 22.1 66.5





#78
4-Chlorotoluene
Concen: 20.900 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

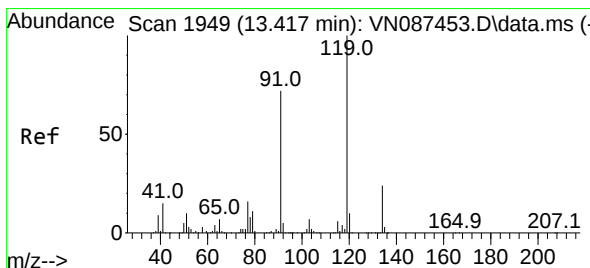
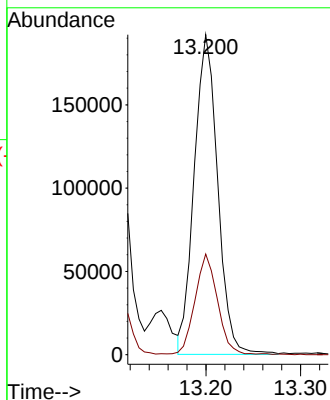
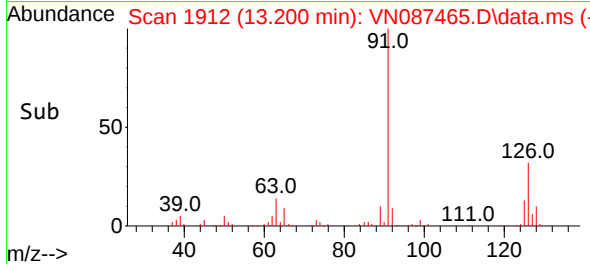
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD



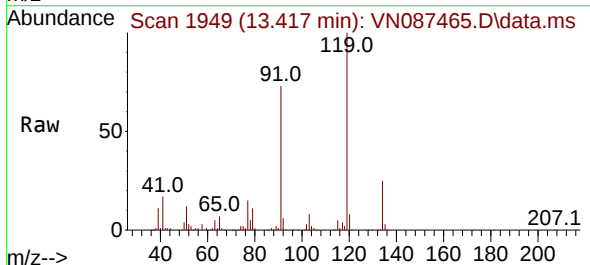
Tgt Ion: 91 Resp: 330308
Ion Ratio Lower Upper
91 100
126 30.1 0.0 63.2

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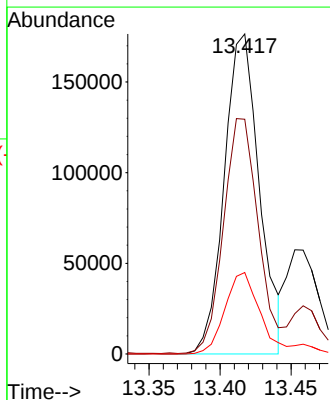
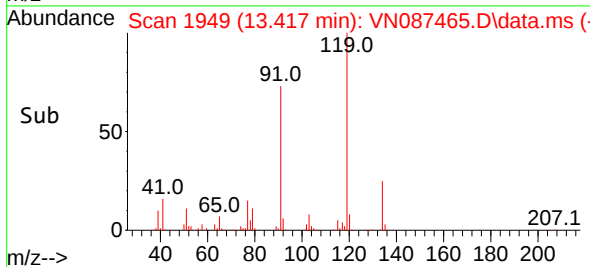
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

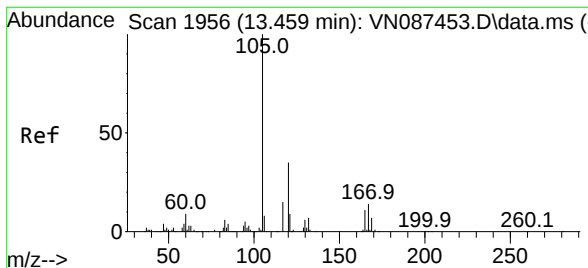


#79
tert-butylbenzene
Concen: 20.728 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



Tgt Ion:119 Resp: 303771
Ion Ratio Lower Upper
119 100
91 72.4 0.0 141.6
134 25.0 0.0 45.6





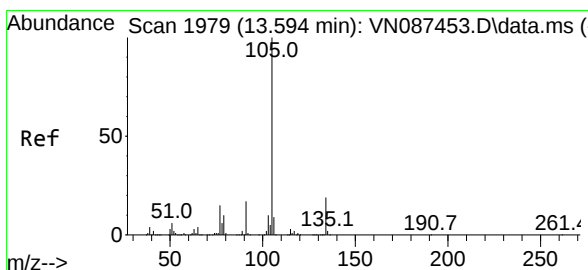
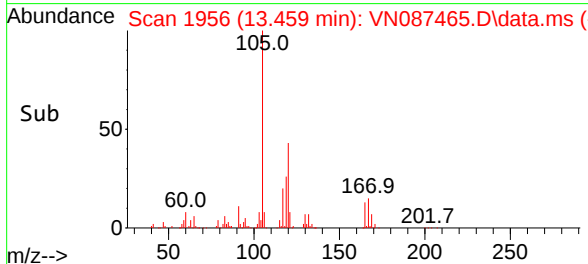
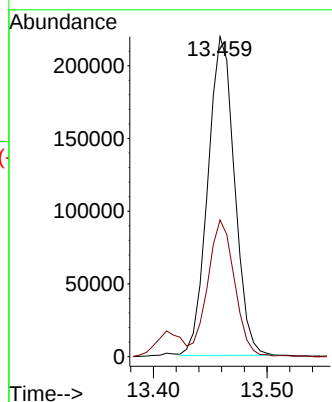
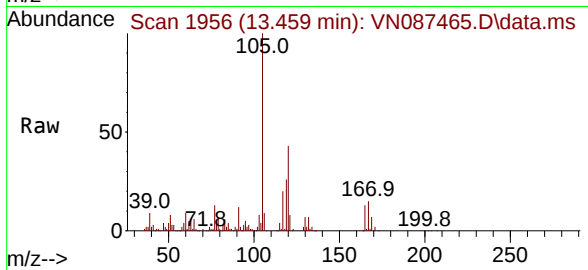
#80
1,2,4-Trimethylbenzene
Concen: 20.602 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

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

Tgt Ion:105 Resp: 357820
Ion Ratio Lower Upper
105 100
120 43.1 0.0 87.2

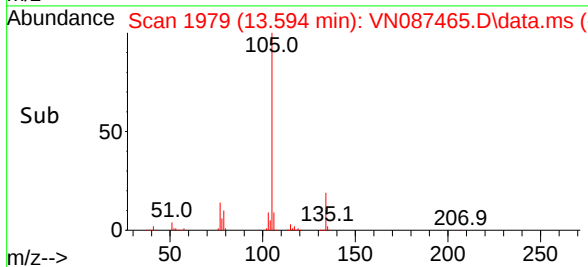
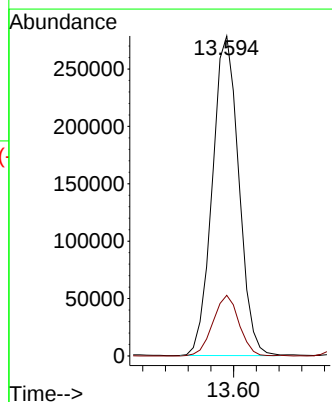
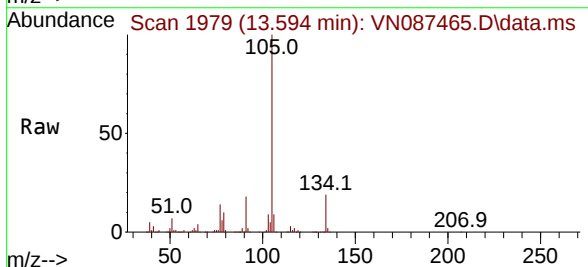
Manual Integrations
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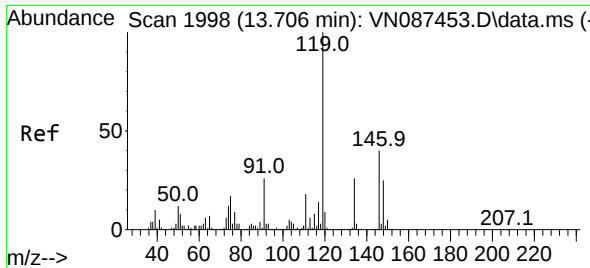
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#81
sec-Butylbenzene
Concen: 21.085 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

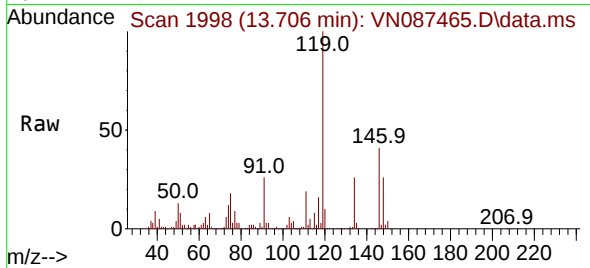
Tgt Ion:105 Resp: 449832
Ion Ratio Lower Upper
105 100
134 18.8 0.0 37.6





#82
p-Isopropyltoluene
Concen: 20.630 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

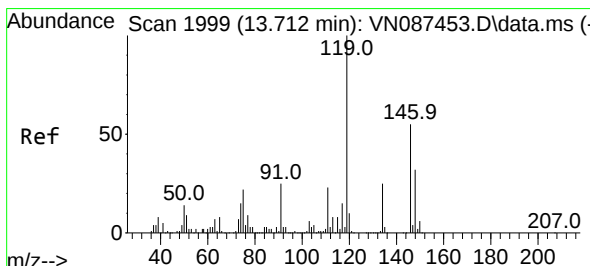
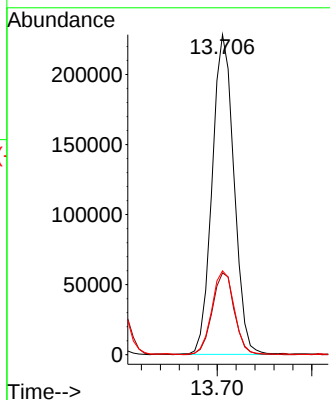
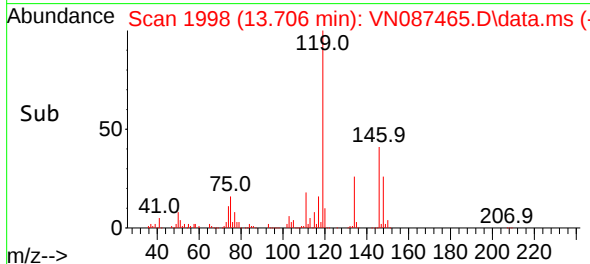
Instrument : MSVOA_N
ClientSampleId : 001-WILLETS-PT-BLVD(JUNE)MSD



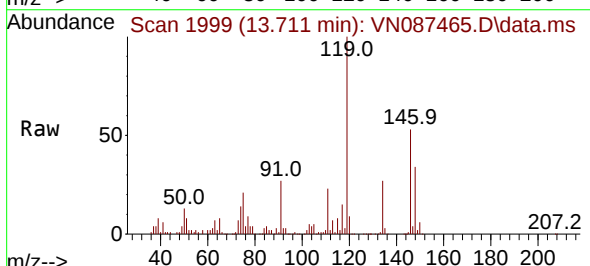
Tgt Ion:119 Resp: 36543
Ion Ratio Lower Upper
119 100
134 25.9 0.0 51.4
91 26.9 0.0 52.0

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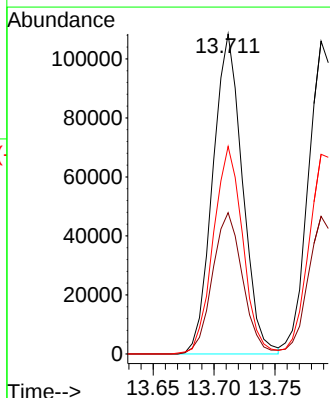
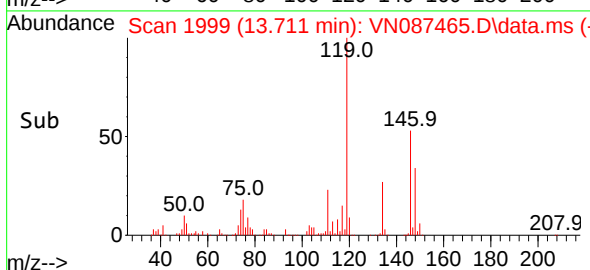
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

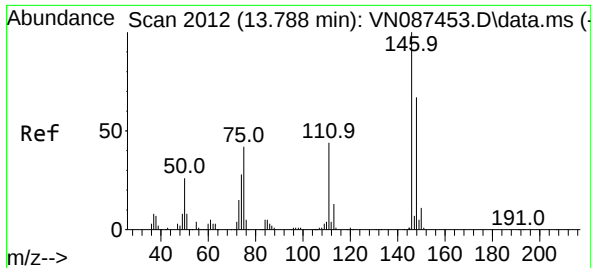


#83
1,3-Dichlorobenzene
Concen: 20.524 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56



Tgt Ion:146 Resp: 183928
Ion Ratio Lower Upper
146 100
111 44.6 21.9 65.5
148 64.4 31.3 93.9





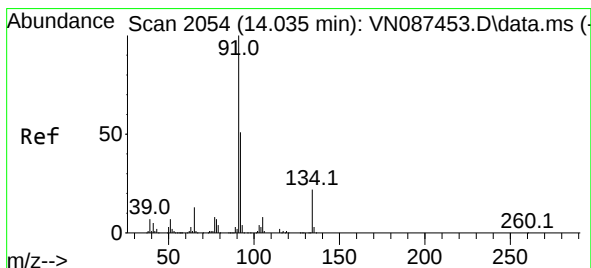
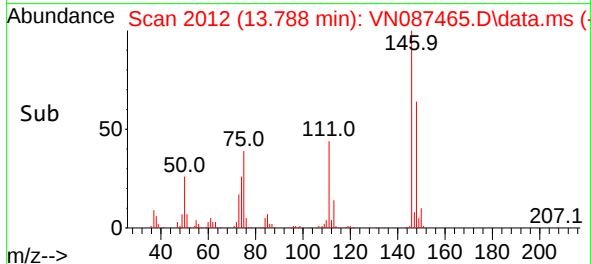
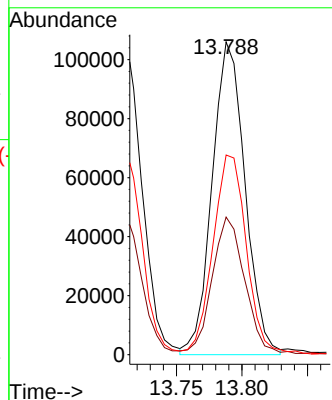
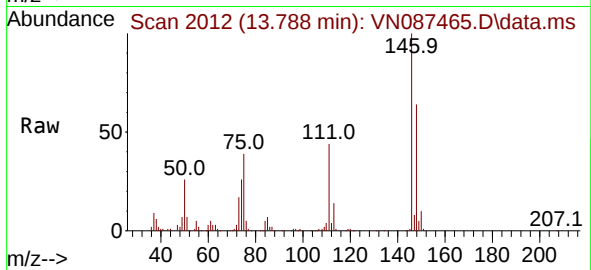
#84
1,4-Dichlorobenzene
Concen: 20.341 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

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

Tgt Ion:146 Resp: 184810
Ion Ratio Lower Upper
146 100
111 43.9 21.1 63.1
148 65.4 31.4 94.3

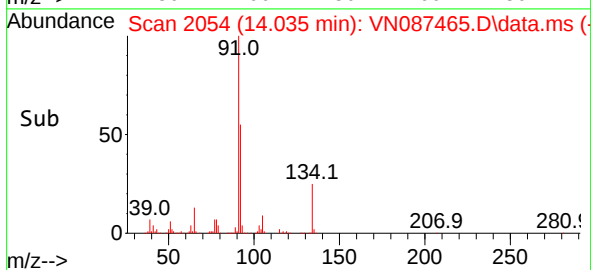
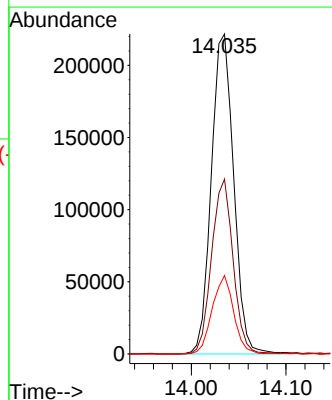
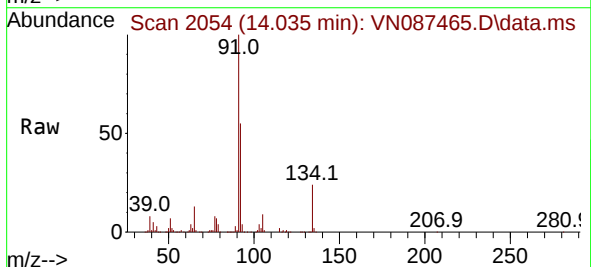
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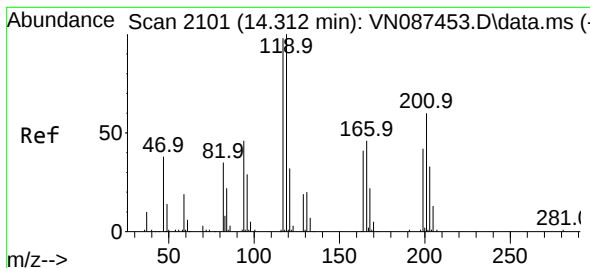
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#85
n-Butylbenzene
Concen: 20.974 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

Tgt Ion: 91 Resp: 363506
Ion Ratio Lower Upper
91 100
92 52.6 0.0 106.6
134 23.3 0.0 44.4





#86

Hexachloroethane

Concen: 20.086 ug/l

RT: 14.306 min Scan# 2101

Delta R.T. -0.006 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

Instrument :

MSVOA_N

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)MSD

Tgt Ion:117 Resp: 6948

Ion Ratio Lower Upper

117 100

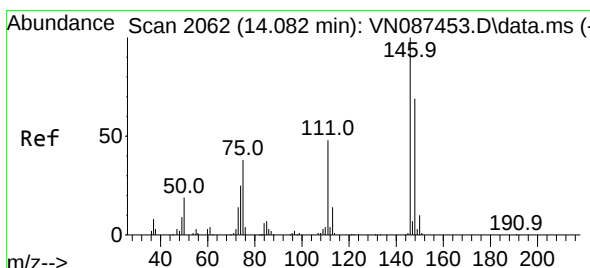
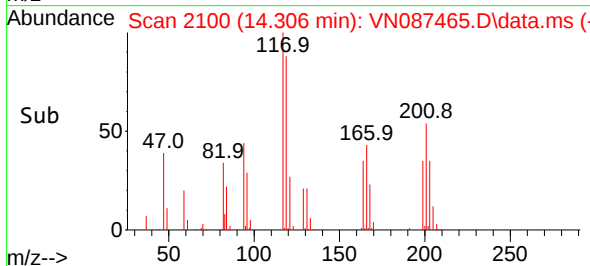
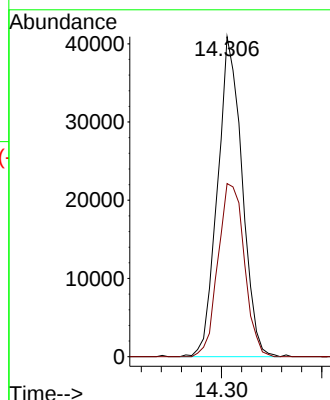
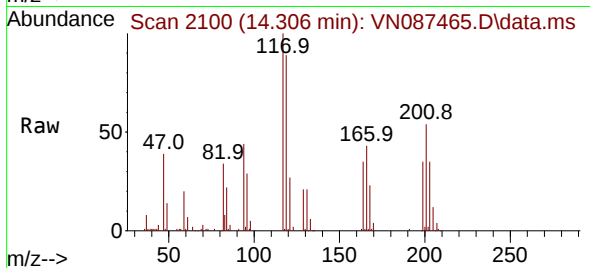
201 57.9 29.1 87.4

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Reviewed By :John Carlone 08/06/2025

Supervised By :Mahesh Dadoda 08/06/2025



#87

1,2-Dichlorobenzene

Concen: 20.925 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087465.D

Acq: 05 Aug 2025 18:56

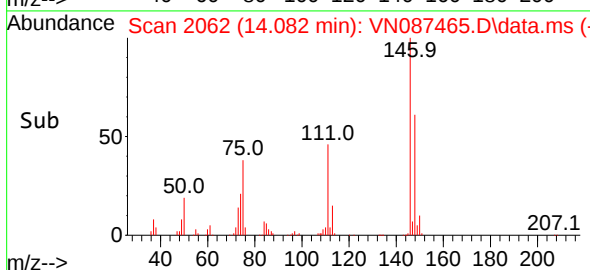
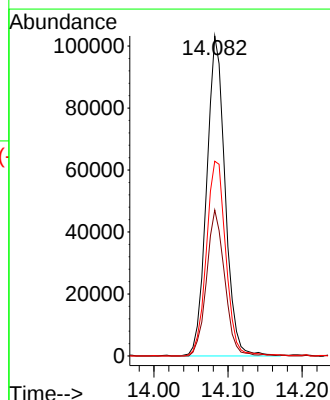
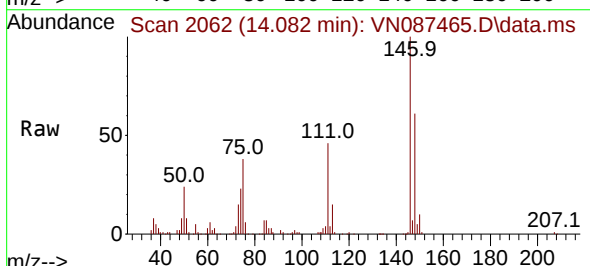
Tgt Ion:146 Resp: 178997

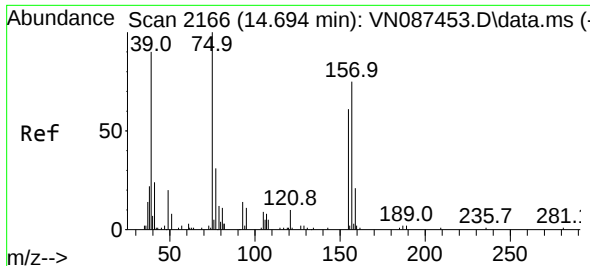
Ion Ratio Lower Upper

146 100

111 44.6 22.9 68.7

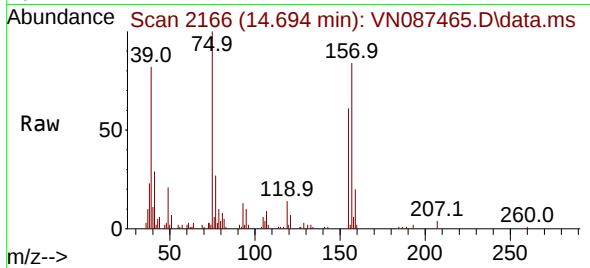
148 64.0 31.6 94.7





#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.833 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.000 min
 Lab File: VN087465.D
 Acq: 05 Aug 2025 18:56

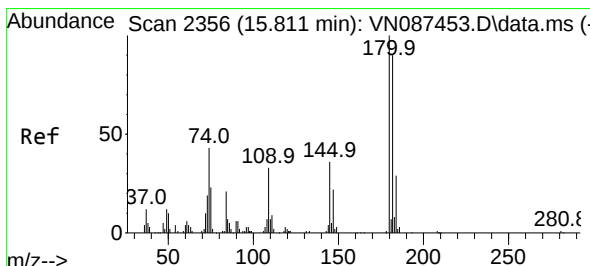
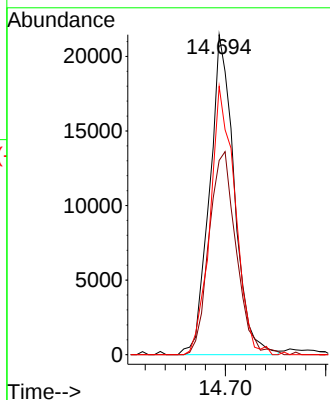
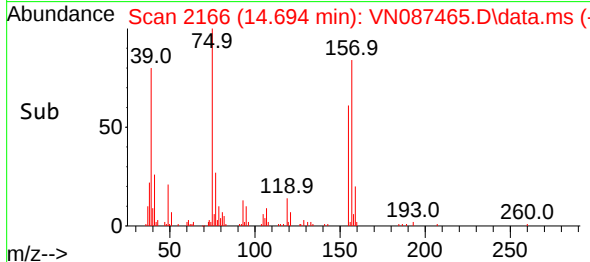
Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion: 75 Resp: 36710
 Ion Ratio Lower Upper
 75 100
 155 68.9 55.7 83.5
 157 83.9 65.8 98.6

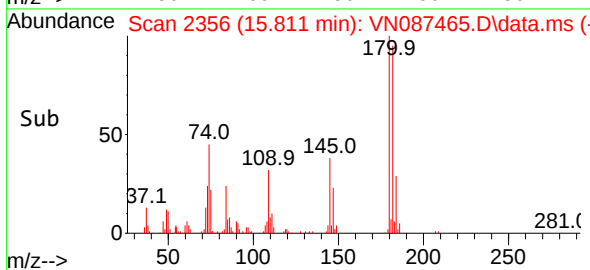
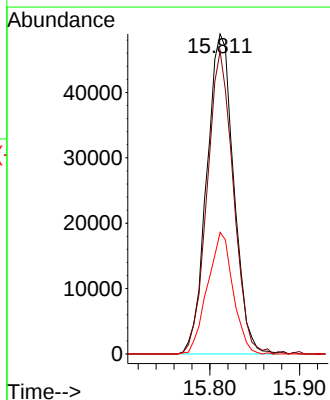
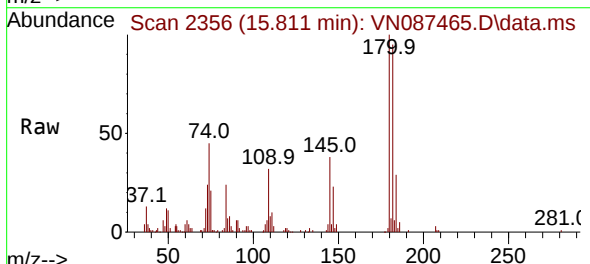
Manual Integrations
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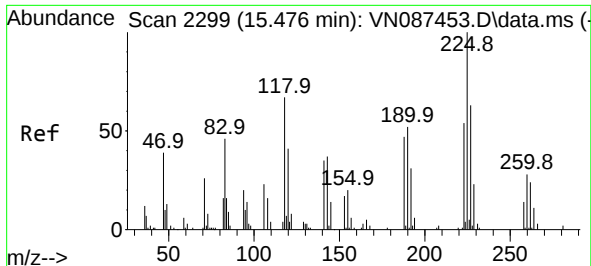
Reviewed By :John Carlone 08/06/2025
 Supervised By :Mahesh Dadoda 08/06/2025



#89
 1,2,4-Trichlorobenzene
 Concen: 19.994 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. -0.000 min
 Lab File: VN087465.D
 Acq: 05 Aug 2025 18:56

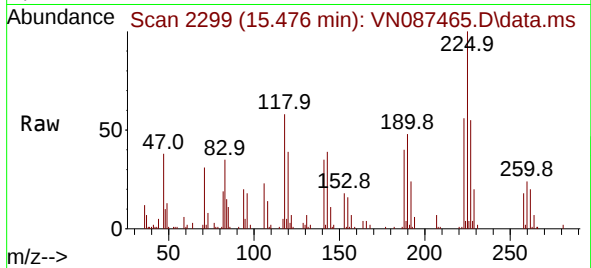
Tgt Ion:180 Resp: 102214
 Ion Ratio Lower Upper
 180 100
 182 91.6 75.0 112.4
 145 35.9 28.6 43.0





#90
Hexachlorobutadiene
Concen: 19.871 ug/l
RT: 15.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

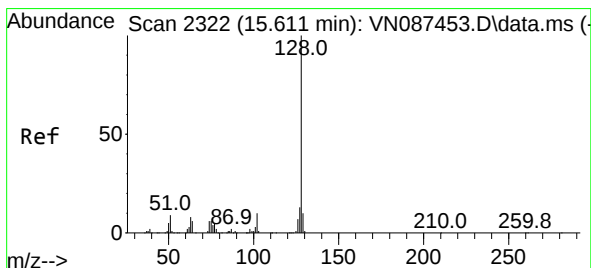
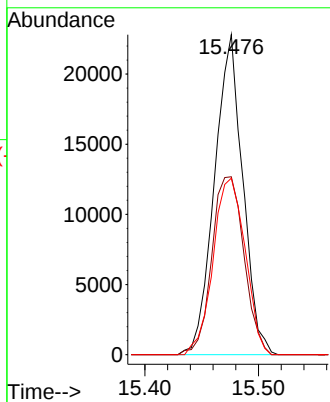
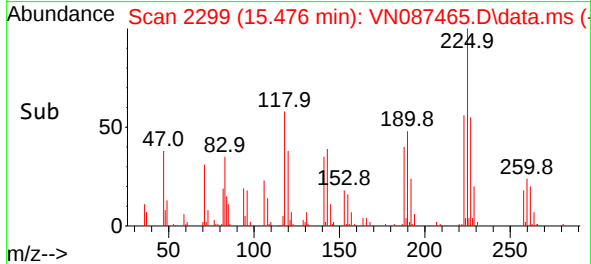
Instrument :
MSVOA_N
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)MSD



Tgt Ion:225 Resp: 3950
Ion Ratio Lower Upper
225 100
223 63.1 0.0 116.0
227 62.4 0.0 127.0

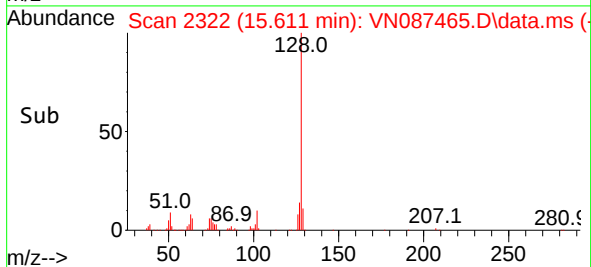
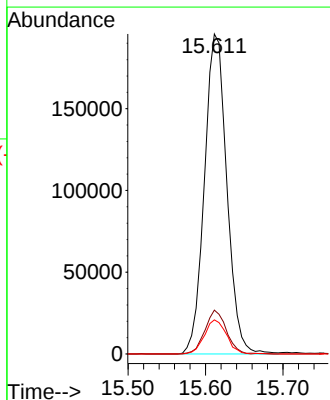
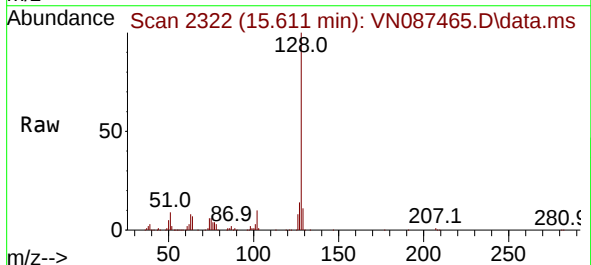
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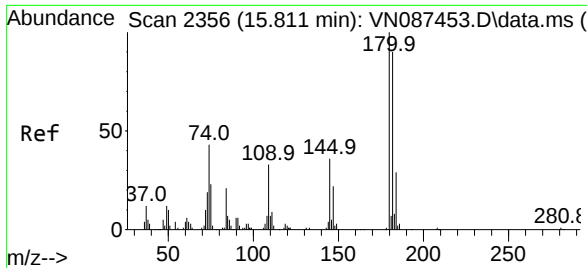
Reviewed By :John Carlone 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025



#91
Naphthalene
Concen: 20.183 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087465.D
Acq: 05 Aug 2025 18:56

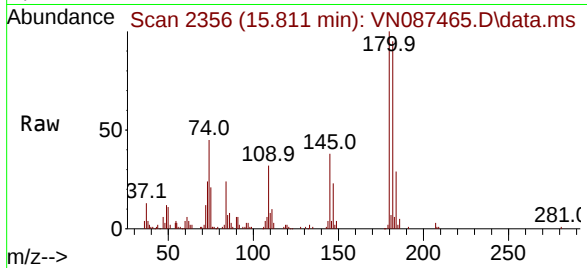
Tgt Ion:128 Resp: 393425
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.5 8.9 13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 19.994 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087465.D
 Acq: 05 Aug 2025 18:56

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



Tgt Ion:180	Resp:	102214
Ion Ratio	Lower	Upper
180	100	
182	91.6	0.0 187.4
145	35.9	0.0 71.6

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

