

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
 Data File : VN088277.D
 Acq On : 13 Nov 2025 11:29
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 14 00:34:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:31:19 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	57576	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	302391	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	280939	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	158023	34.021	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 113.400%#	
60) 4-Bromofluorobenzene	12.829	95	144691	31.273	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 104.233%	
63) Toluene-d8	10.547	98	389074	30.572	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	386633	109.844	ug/l	99
3) Chloromethane	2.383	50	396903	102.483	ug/l	95
4) Vinyl Chloride	2.536	62	415782	102.915	ug/l	100
5) Bromomethane	2.965	94	234848	108.597	ug/l	94
6) Chloroethane	3.130	64	264477	100.386	ug/l	98
7) Trichlorofluoromethane	3.506	101	576793	103.522	ug/l	96
8) Diethyl Ether	3.959	74	228588	95.803	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	296955	100.046	ug/l	99
10) 1,1-Dichloroethene	4.336	96	298818	96.404	ug/l	87
11) Methyl Iodide	4.583	142	368511	122.898	ug/l	84
12) Methyl Acetate	5.018	43	510686	102.304	ug/l	93
13) Acrolein	4.177	56	382851	502.395	ug/l	100
14) Acrylonitrile	5.706	53	1164326	490.032	ug/l	99
15) Acetone	4.424	58	342742	493.199	ug/l	96
16) Carbon Disulfide	4.706	76	1008701	101.913	ug/l	99
17) Allyl chloride	5.012	41	593156	101.390	ug/l	95
18) Methylene Chloride	5.265	84	383510	98.179	ug/l	87
19) trans-1,2-Dichloroethene	5.777	96	347465	97.037	ug/l	97
20) Diisopropyl ether	6.659	45	1304925	99.564	ug/l	94
21) 1,1-Dichloroethane	6.553	63	719300	103.332	ug/l	99
22) cis-1,2-Dichloroethene	7.471	96	418959	95.583	ug/l	99
23) tert-Butyl Alcohol	5.524	59	405082	435.560	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	1291019	99.015	ug/l	99
25) Chloroform	7.947	83	720609	101.523	ug/l	98
26) Cyclohexane	8.235	56	579253	99.388	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	500890	111.037	ug/l	98
30) 2-Butanone	7.471	43	1690170	529.244	ug/l	100
31) 2,2-Dichloropropane	7.471	77	623466	108.762	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	613629	109.824	ug/l	99
33) Carbon Tetrachloride	8.347	117	515390	109.356	ug/l	99
34) Benzene	8.588	78	1510830	103.729	ug/l	99
35) Methacrylonitrile	7.759	41	357832	106.943	ug/l	96
36) 1,2-Dichloroethane	8.653	62	612885	118.700	ug/l	98
37) Trichloroethene	9.329	130	337963	98.874	ug/l	98
38) Methylcyclohexane	9.582	83	556698	101.278	ug/l	99
39) 1,2-Dichloropropane	9.600	63	394096	107.628	ug/l	93
40) Dibromomethane	9.688	93	286468	107.639	ug/l	99
41) Bromodichloromethane	9.865	83	588644	109.095	ug/l	100
42) Vinyl Acetate	6.588	43	5787487	527.240	ug/l	100

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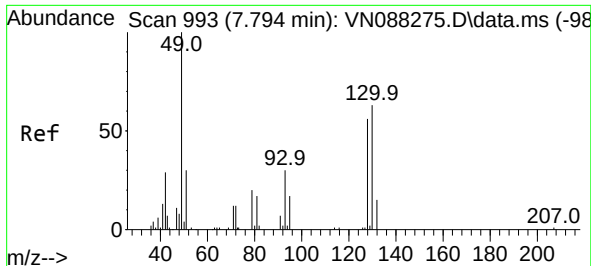
Manual Integrations
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 Supervised By : Semsettin Yesilyurt 11/14/2025

Quant Time: Nov 14 00:34:18 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	685746	110.269	ug/l	100
44) Isopropyl Acetate	8.671	43	1079569	107.619	ug/l	99
45) 1,4-Dioxane	9.682	88	125652	1932.462	ug/l #	94
46) Methyl methacrylate	9.665	41	517547	113.839	ug/l	93
47) n-amyl Acetate	12.488	43	562356m	119.065	ug/l	
48) t-1,3-Dichloropropene	10.812	75	652430	109.885	ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	656345	105.389	ug/l	97
50) 1,1,2-Trichloroethane	10.994	97	355954	102.714	ug/l	96
51) Ethyl methacrylate	10.853	69	640389	110.018	ug/l	94
52) 1,3-Dichloropropane	11.141	76	652611	106.971	ug/l	99
53) Dibromochloromethane	11.335	129	425915	103.658	ug/l	99
54) 1,2-Dibromoethane	11.447	107	380679	103.438	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	1790152	569.464	ug/l	99
56) Bromoform	12.559	173	279810	101.994	ug/l	99
58) 4-Methyl-2-Pentanone	10.424	43	3325706	527.058	ug/l	100
59) 2-Hexanone	11.176	43	2346954	565.872	ug/l	100
61) Tetrachloroethene	11.082	164	277837	96.241	ug/l	95
62) Toluene	10.606	91	1605459	99.833	ug/l	100
64) Chlorobenzene	11.870	112	1005878	99.163	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.941	131	344917	99.007	ug/l	96
66) Ethyl Benzene	11.941	91	1810409	103.494	ug/l	98
67) m/p-Xylenes	12.047	106	1345328	200.864	ug/l	98
68) o-Xylene	12.376	106	654049	99.614	ug/l	100
69) Styrene	12.388	104	1132505	103.300	ug/l	99
70) Isopropylbenzene	12.670	105	1699976	103.375	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	555412	100.764	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	539279m	105.401	ug/l	
73) Bromobenzene	12.959	156	389367	99.102	ug/l	100
74) n-propylbenzene	13.012	91	2093385	104.799	ug/l	100
75) 2-Chlorotoluene	13.100	91	1279663	105.317	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	1440376	103.538	ug/l	99
77) t-1,4-Dichloro-2-butene	12.717	75	206317	102.530	ug/l	95
78) 4-Chlorotoluene	13.200	91	1317180	106.732	ug/l	99
79) tert-butylbenzene	13.417	119	1208602	100.916	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	1476053	106.488	ug/l	98
81) sec-Butylbenzene	13.594	105	1748566	102.318	ug/l	99
82) p-Isopropyltoluene	13.706	119	1459564	100.866	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	751195	100.454	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	763171	99.896	ug/l	99
85) n-Butylbenzene	14.035	91	1397544	102.763	ug/l	98
86) Hexachloroethane	14.312	117	278606	97.175	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	710660	97.453	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	132109	105.844	ug/l	98
89) 1,2,4-Trichlorobenzene	15.811	180	401343	94.051	ug/l	97
90) Hexachlorobutadiene	15.476	225	140304	91.164	ug/l	97
91) Naphthalene	15.611	128	1505179	96.642	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	401343	94.051	ug/l	97

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



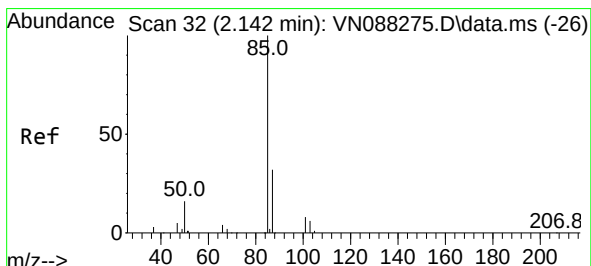
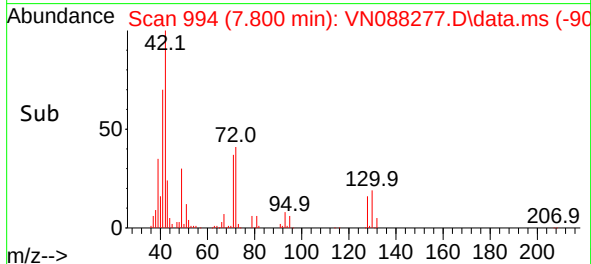
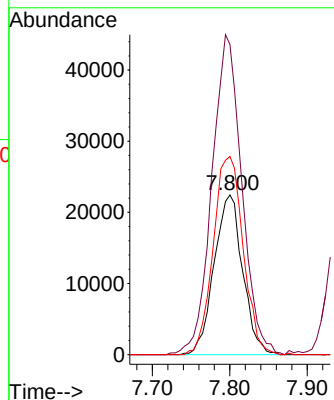
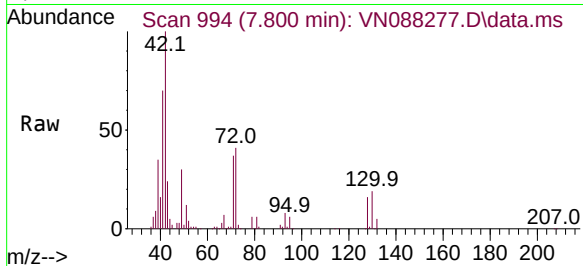
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :
MSVOA_N
Client Sample Id :
VSTDICC100

Tgt Ion: 128 Resp: 57576
Ion Ratio Lower Upper
128 100
49 209.5 0.0 501.2
130 130.1 0.0 320.2

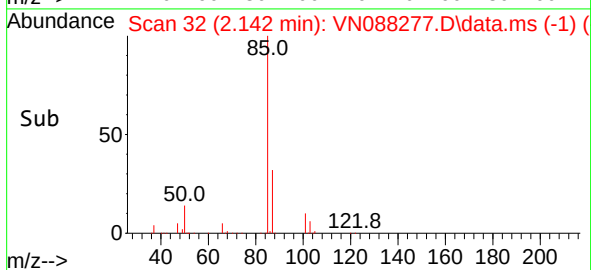
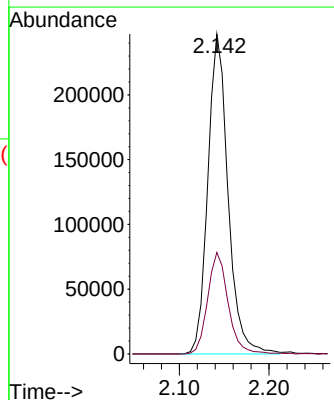
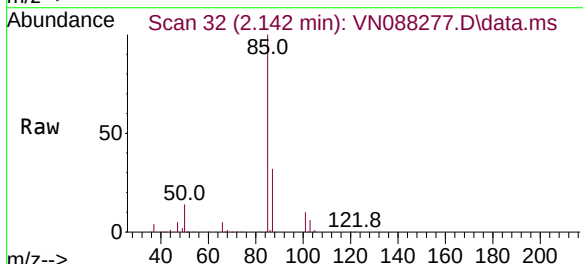
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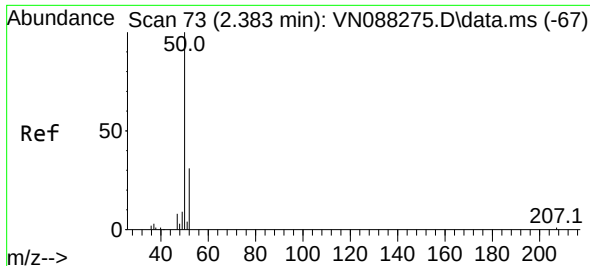
Reviewed By : John Carlone 11/14/2025
Supervised By : Semsettin Yesilyurt 11/14/2025



#2
Dichlorodifluoromethane
Concen: 109.844 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

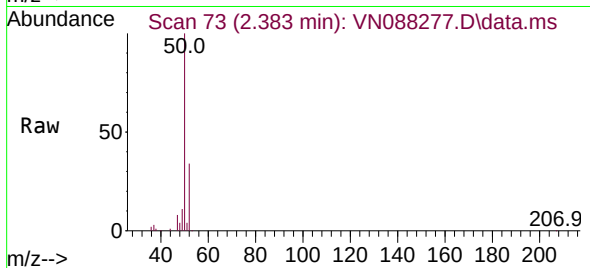
Tgt Ion: 85 Resp: 386633
Ion Ratio Lower Upper
85 100
87 31.7 16.0 48.0





#3
Chloromethane
Concen: 102.483 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

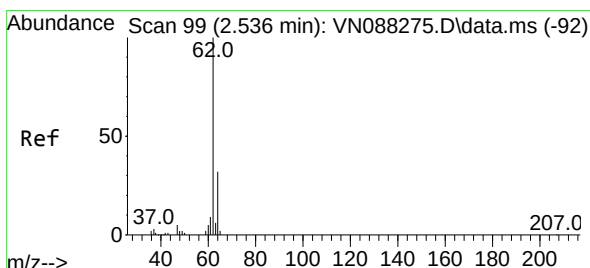
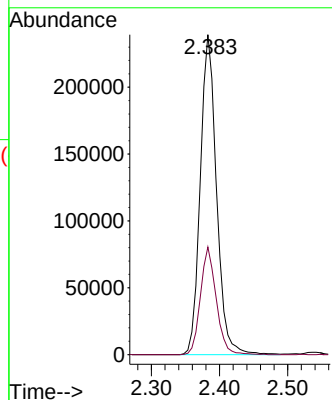
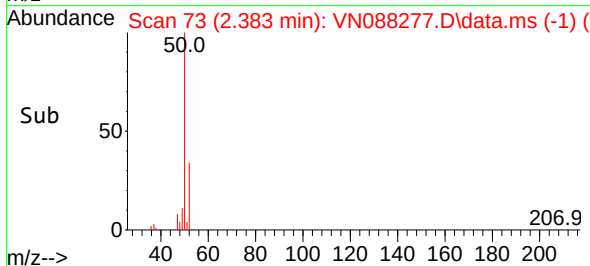
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



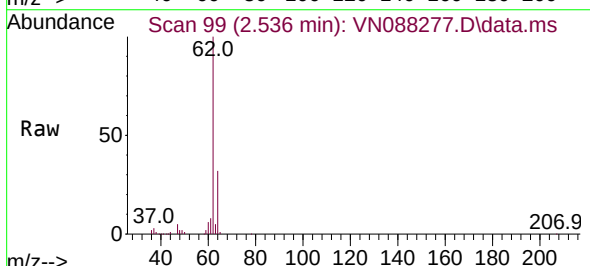
Tgt Ion: 50 Resp: 396903
Ion Ratio Lower Upper
50 100
52 33.6 24.6 36.8

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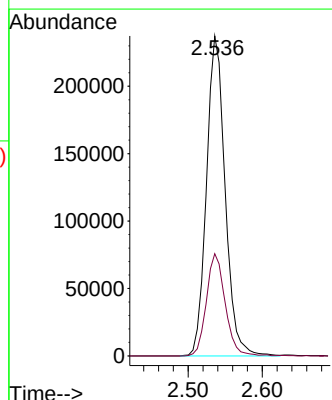
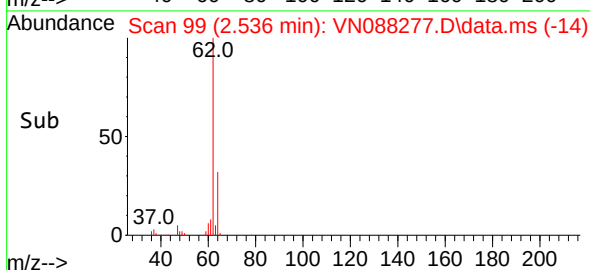
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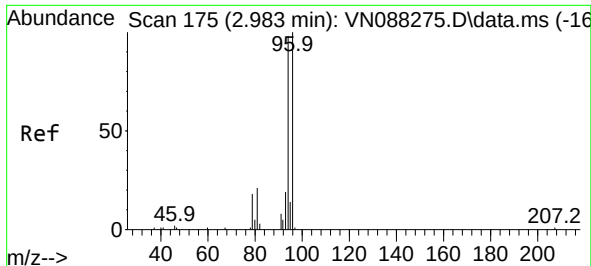


#4
Vinyl Chloride
Concen: 102.915 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29



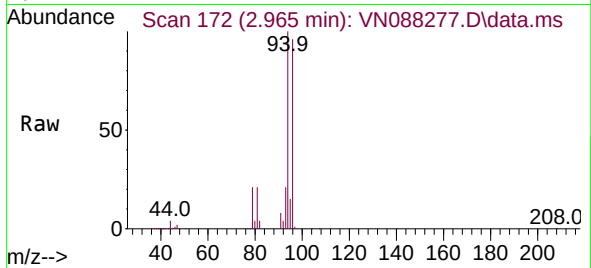
Tgt Ion: 62 Resp: 415782
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2





#5
Bromomethane
Concen: 108.597 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

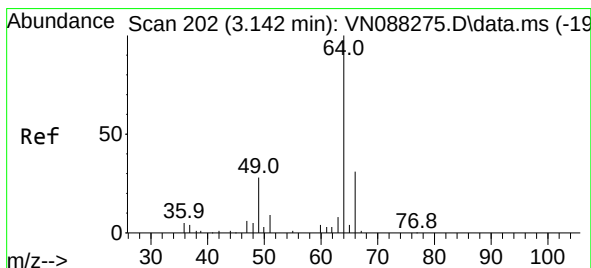
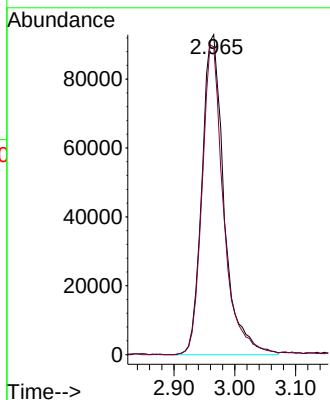
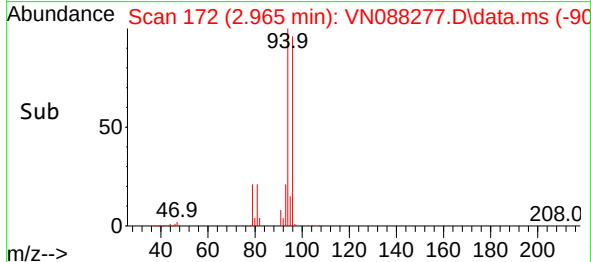
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 94 Resp: 234848
Ion Ratio Lower Upper
94 100
96 95.9 81.3 121.9

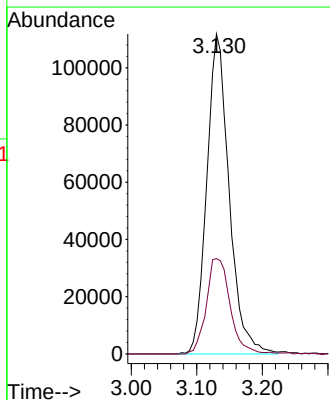
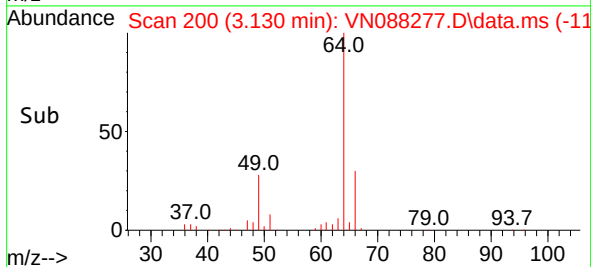
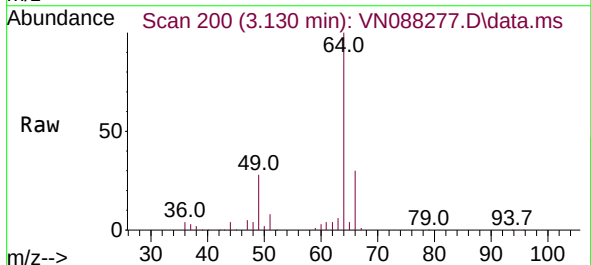
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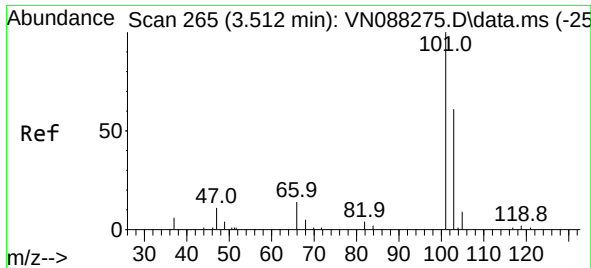
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#6
Chloroethane
Concen: 100.386 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.012 min
Lab File: VN088277.D
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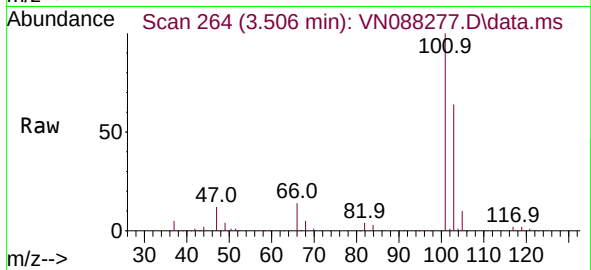
Tgt Ion: 64 Resp: 264477
Ion Ratio Lower Upper
64 100
66 29.8 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 103.522 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN088277.D
 Acq: 13 Nov 2025 11:29

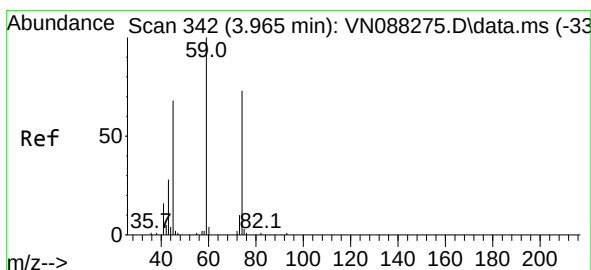
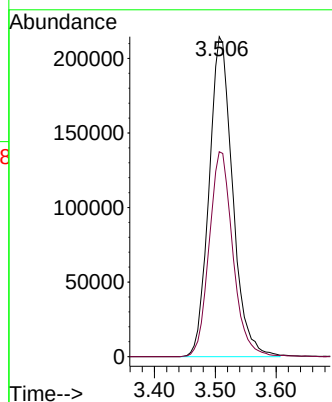
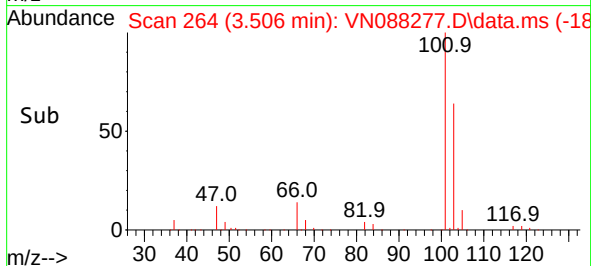
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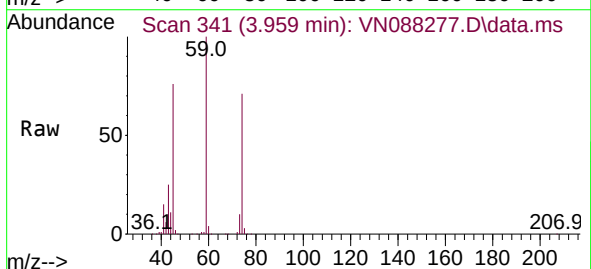
Tgt Ion:101 Resp: 576793
 Ion Ratio Lower Upper
 101 100
 103 64.0 48.6 73.0

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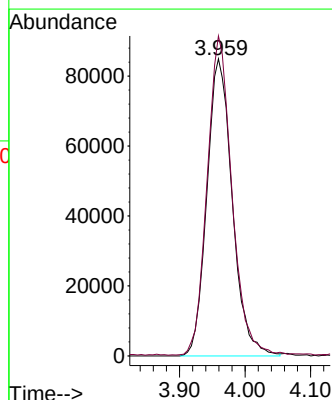
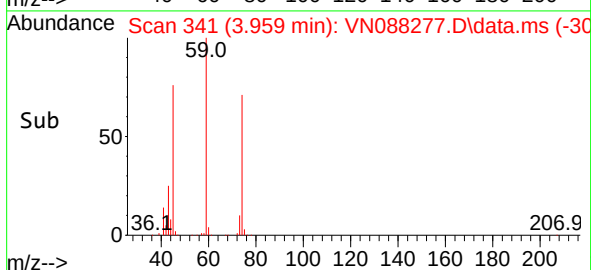
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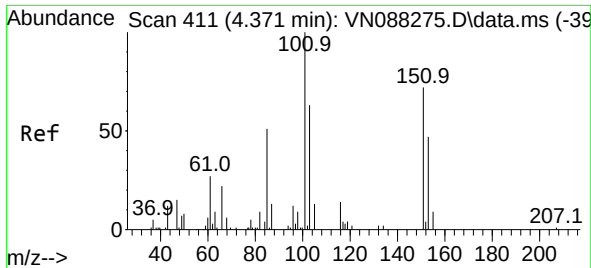


#8
 Diethyl Ether
 Concen: 95.803 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN088277.D
 Acq: 13 Nov 2025 11:29



Tgt Ion: 74 Resp: 228588
 Ion Ratio Lower Upper
 74 100
 45 104.5 20.9 187.7





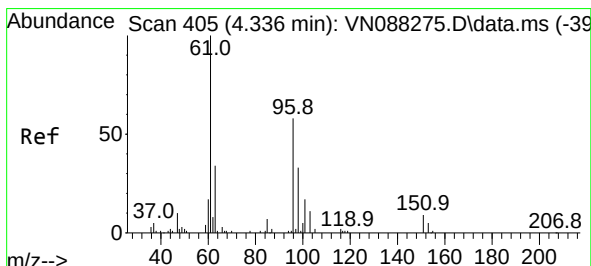
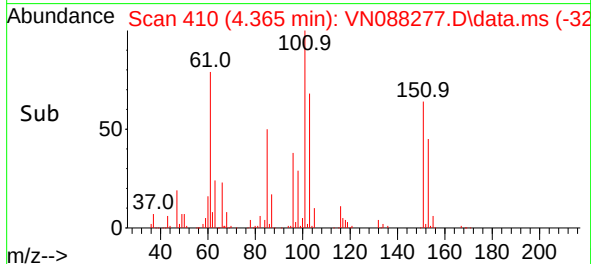
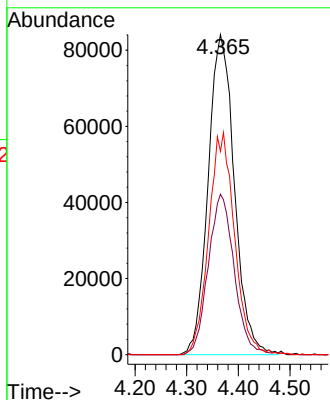
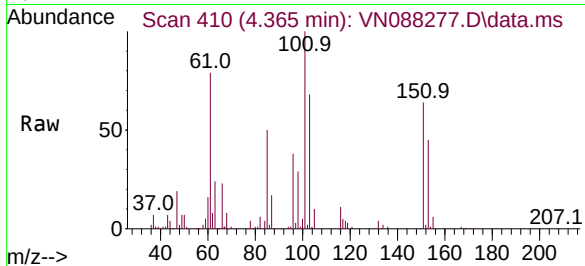
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 1,1,2-Trichlorotrifluoroethane
 Concen: 100.046 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN088277.D
 Acq: 13 Nov 2025 11:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 296955
 Ion Ratio Lower Upper
 101 100
 85 49.5 0.0 100.8
 151 68.2 0.0 138.4

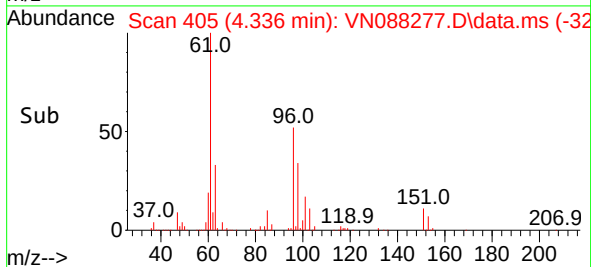
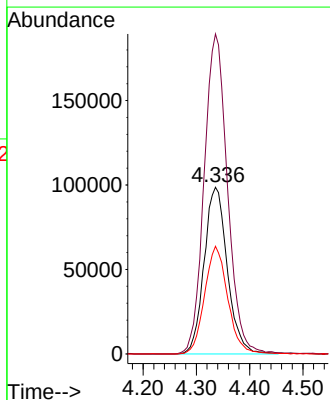
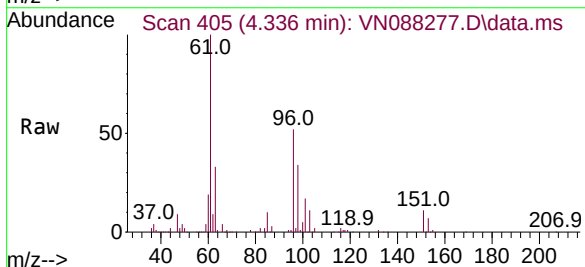
Manual Integrations
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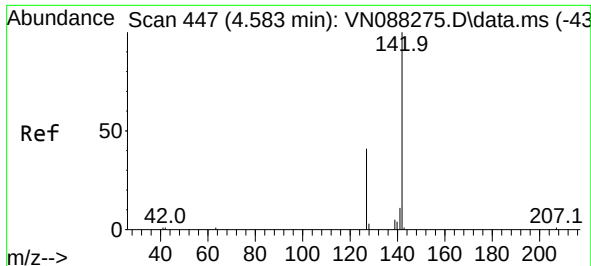
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#10
 1,1-Dichloroethene
 Concen: 96.404 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VN088277.D
 Acq: 13 Nov 2025 11:29

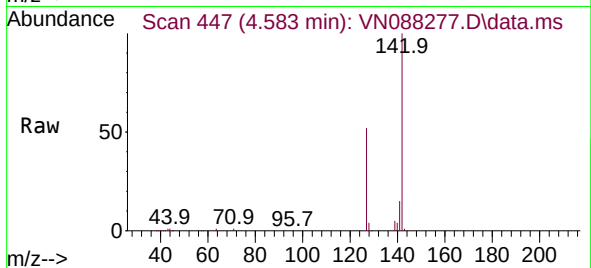
Tgt Ion: 96 Resp: 298818
 Ion Ratio Lower Upper
 96 100
 61 191.7 137.8 206.8
 98 64.5 45.6 68.4





#11
Methyl Iodide
Concen: 122.898 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

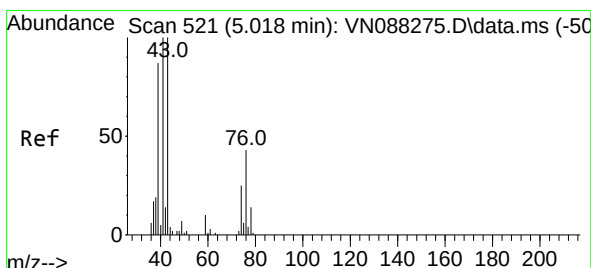
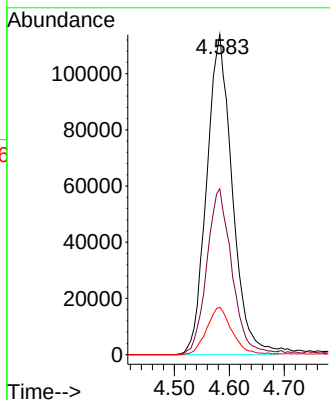
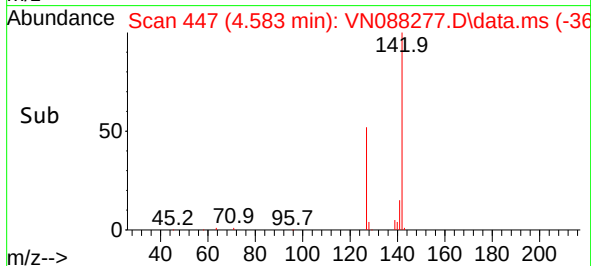
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:142 Resp: 36851
Ion Ratio Lower Upper
142 100
127 51.7 20.4 61.2
141 14.8 5.6 16.8

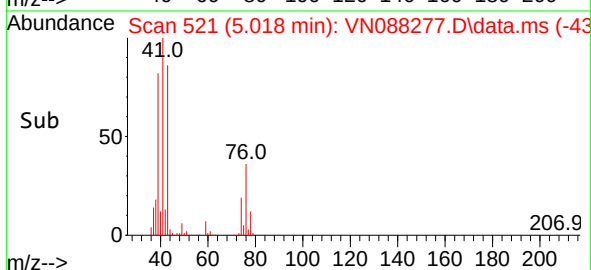
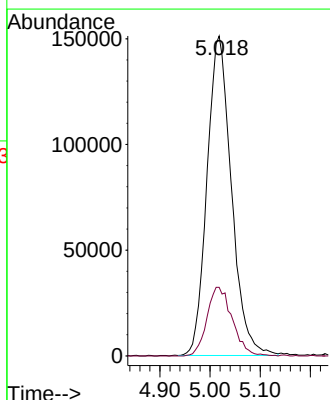
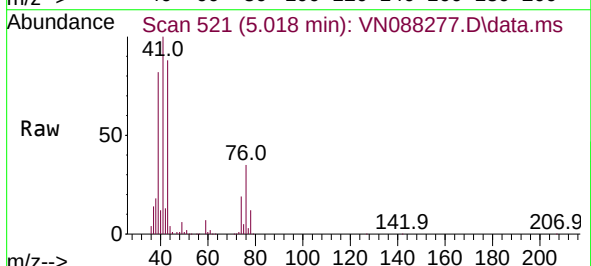
Manual Integrations
APPROVED

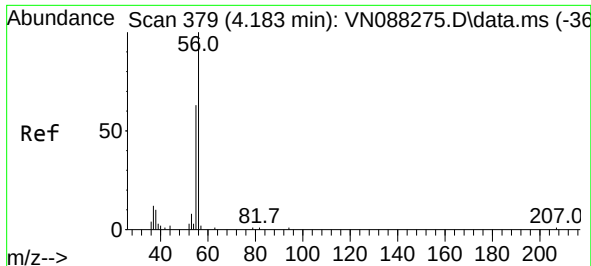
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#12
Methyl Acetate
Concen: 102.304 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

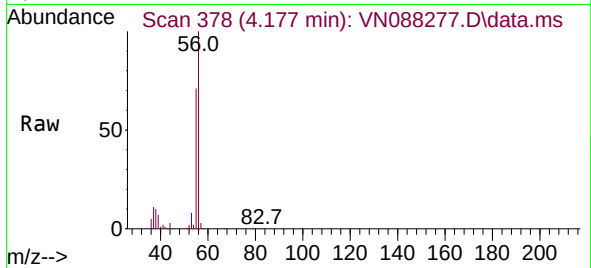
Tgt Ion: 43 Resp: 510686
Ion Ratio Lower Upper
43 100
74 21.5 19.8 29.8





#13
Acrolein
Concen: 502.395 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

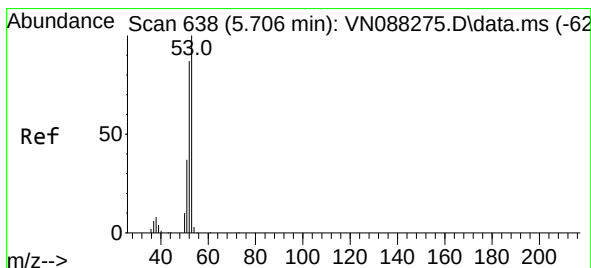
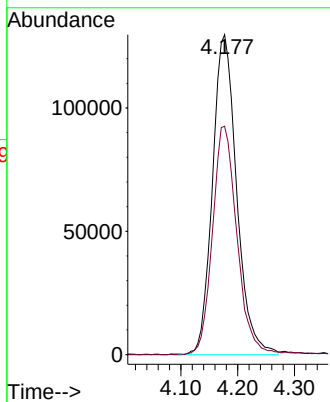
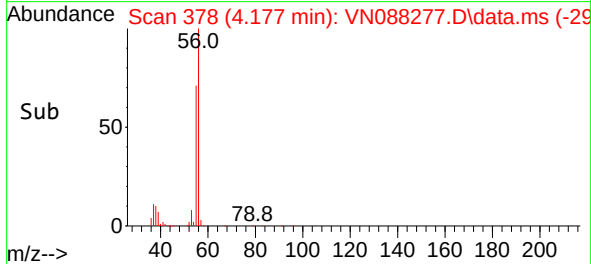
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 38285
Ion Ratio Lower Upper
56 100
55 72.0 57.9 86.9

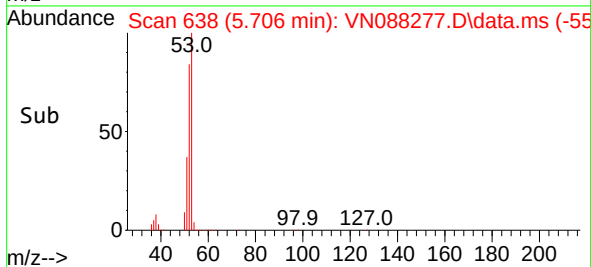
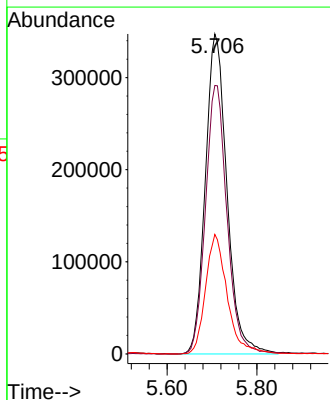
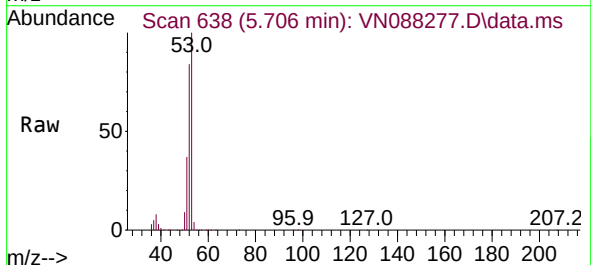
Manual Integrations
APPROVED

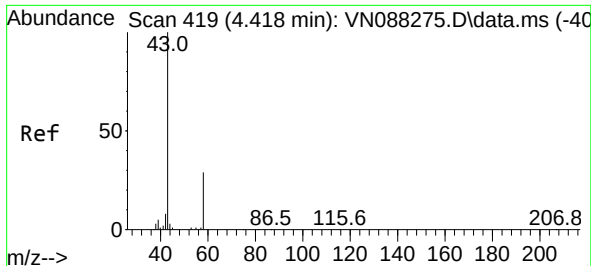
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#14
Acrylonitrile
Concen: 490.032 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

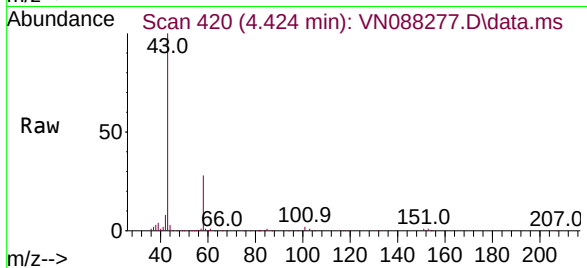
Tgt Ion: 53 Resp: 1164326
Ion Ratio Lower Upper
53 100
52 83.1 42.3 126.9
51 37.4 18.4 55.2





#15
Acetone
Concen: 493.199 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

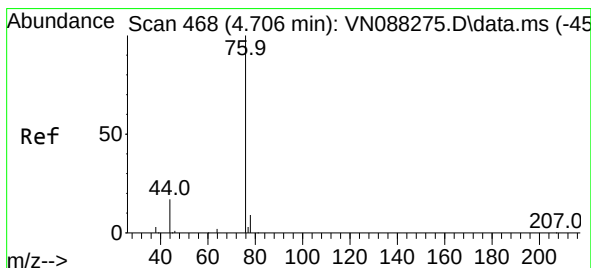
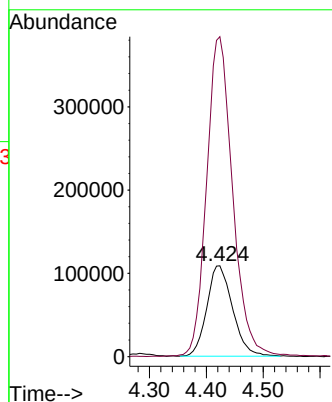
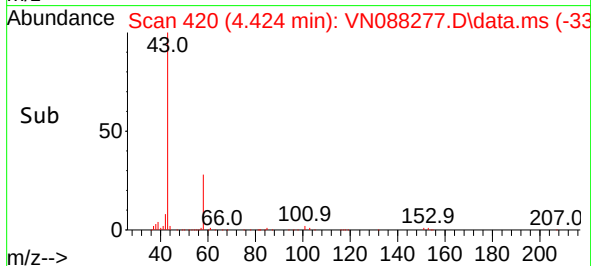
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 58 Resp: 342742
Ion Ratio Lower Upper
58 100
43 351.6 273.9 410.9

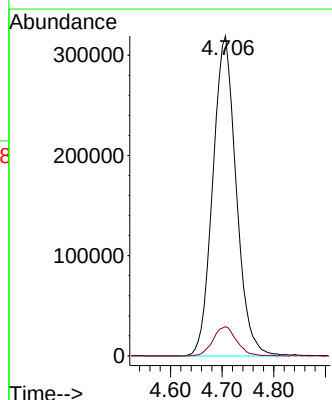
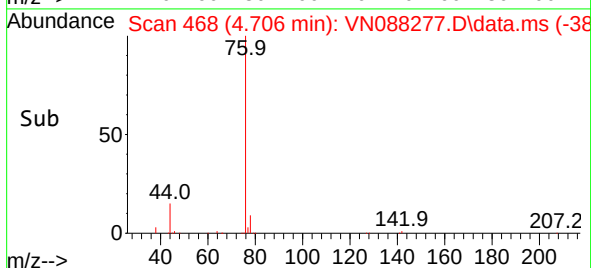
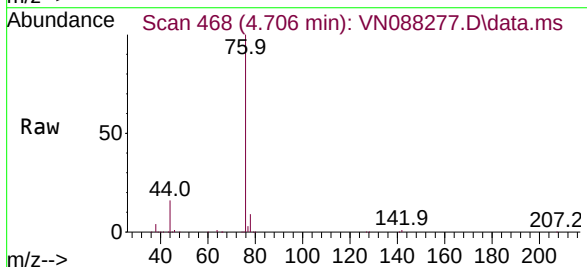
Manual Integrations
APPROVED

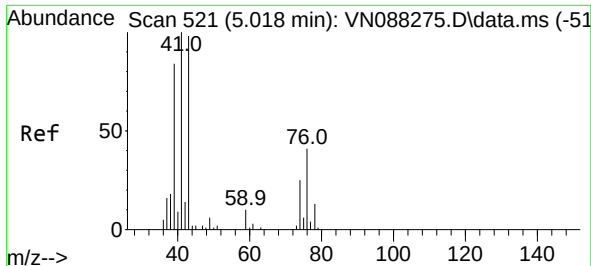
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#16
Carbon Disulfide
Concen: 101.913 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

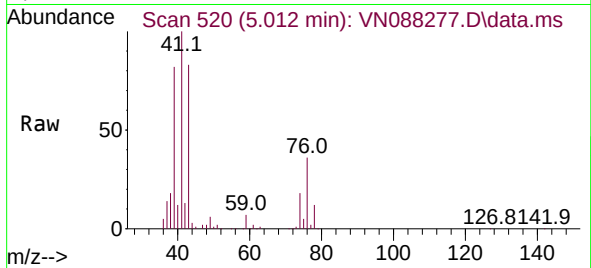
Tgt Ion: 76 Resp: 1008701
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#17
 Allyl chloride
 Concen: 101.390 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN088277.D
 Acq: 13 Nov 2025 11:29

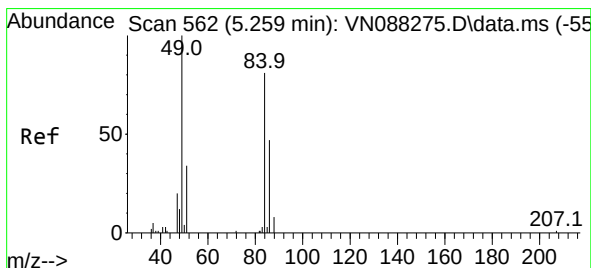
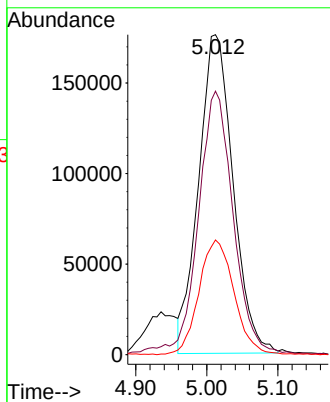
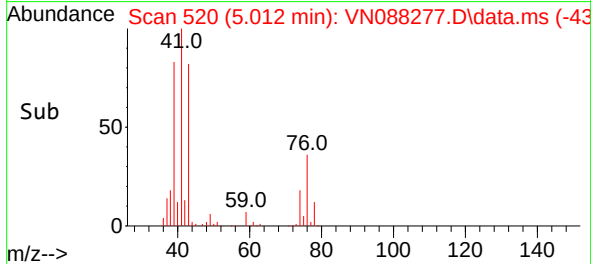
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100



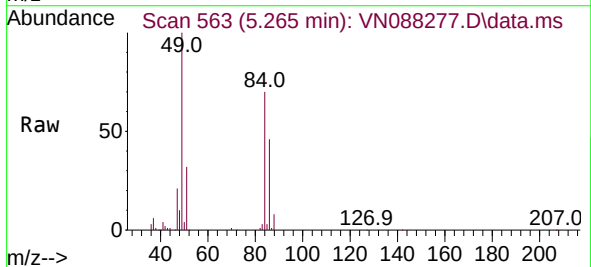
Tgt Ion: 41 Resp: 593156
 Ion Ratio Lower Upper
 41 100
 39 82.1 38.3 114.9
 76 35.8 18.5 55.5

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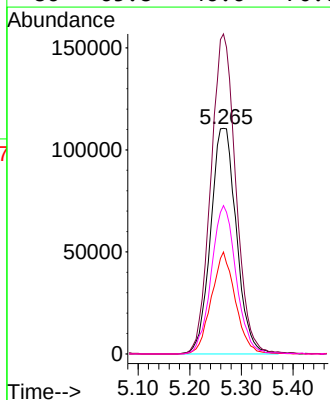
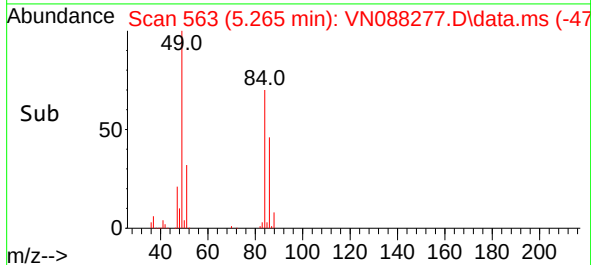
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025

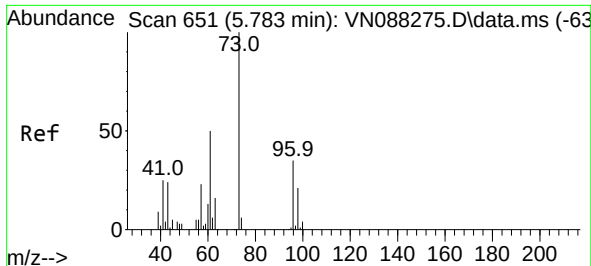


#18
 Methylene Chloride
 Concen: 98.179 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: VN088277.D
 Acq: 13 Nov 2025 11:29



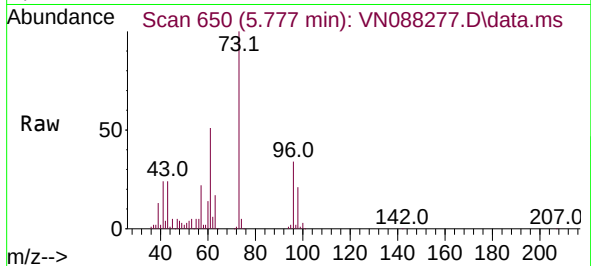
Tgt Ion: 84 Resp: 383510
 Ion Ratio Lower Upper
 84 100
 49 141.9 98.7 148.1
 51 45.2 33.7 50.5
 86 65.8 46.6 70.0





#19
trans-1,2-Dichloroethene
Concen: 97.037 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

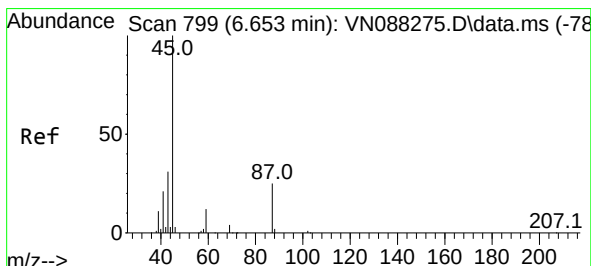
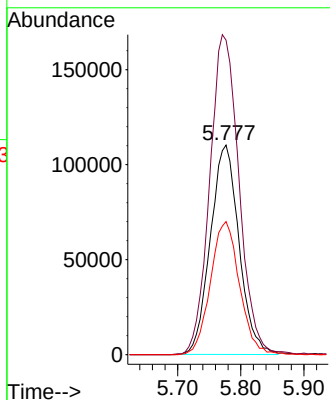
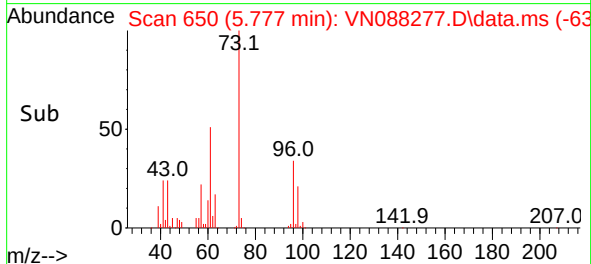
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



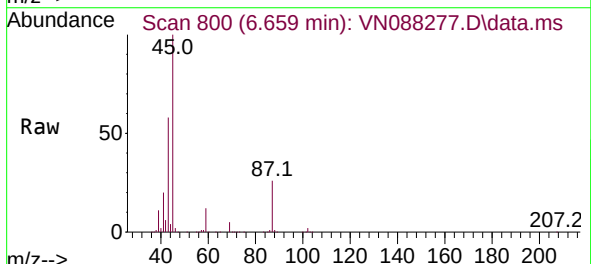
Tgt Ion: 96 Resp: 347465
Ion Ratio Lower Upper
96 100
61 149.9 117.0 175.4
98 63.6 48.6 72.8

Manual Integrations
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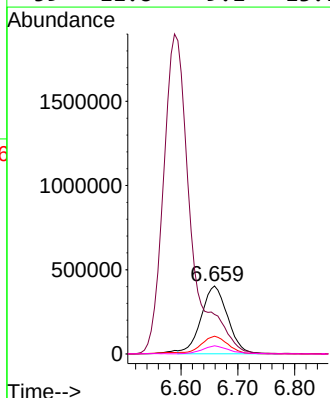
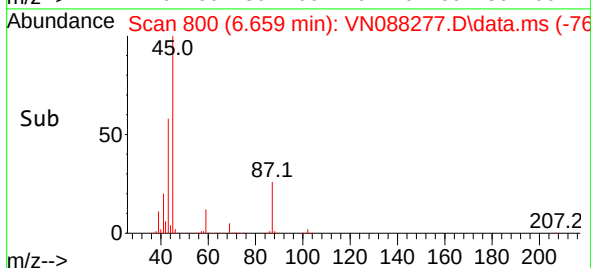
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

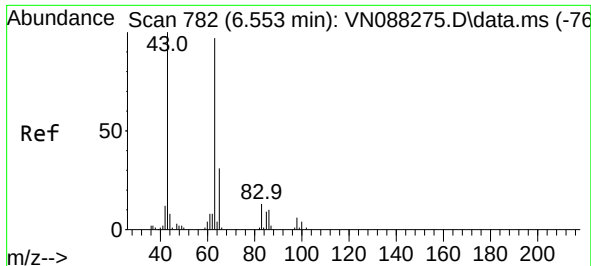


#20
Diisopropyl ether
Concen: 99.564 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29



Tgt Ion: 45 Resp: 1304925
Ion Ratio Lower Upper
45 100
43 57.4 51.9 77.9
87 26.1 21.1 31.7
59 11.8 9.1 13.7





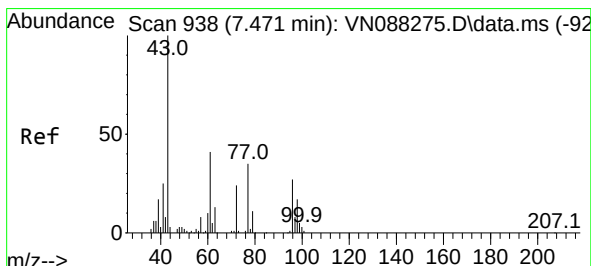
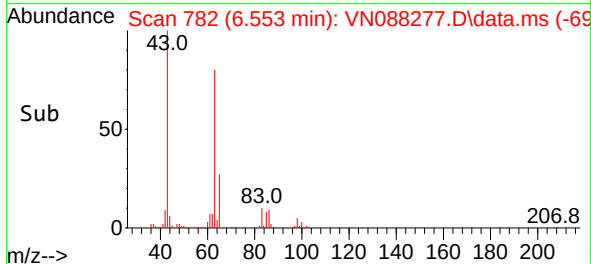
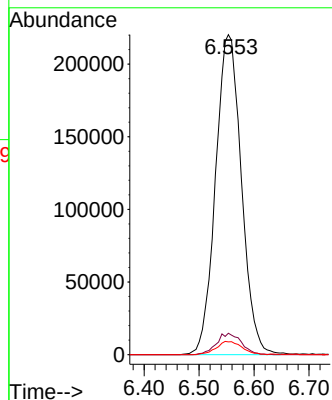
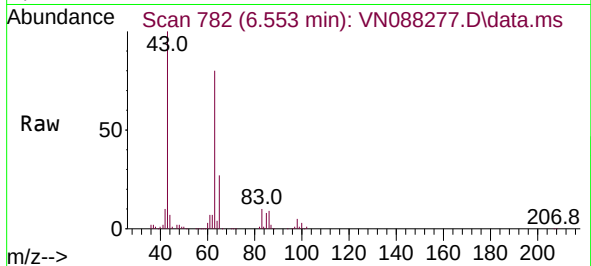
#21
1,1-Dichloroethane
Concen: 103.332 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 719300
Ion Ratio Lower Upper
63 100
98 6.7 3.0 9.0
100 4.0 2.1 6.3

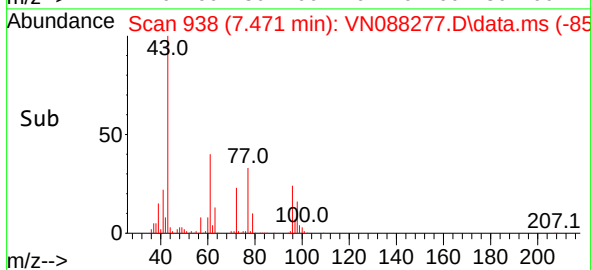
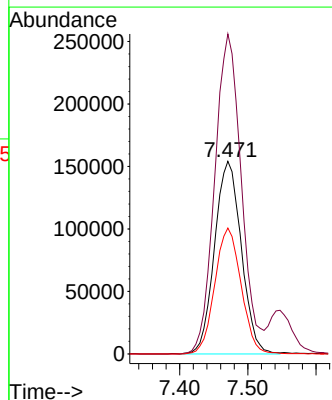
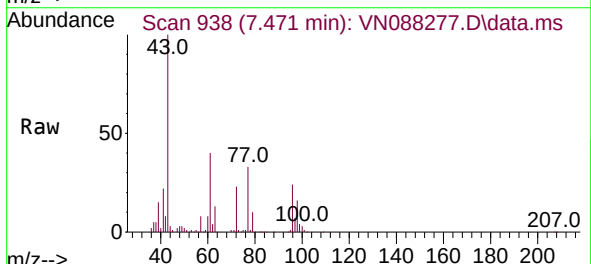
Manual Integrations
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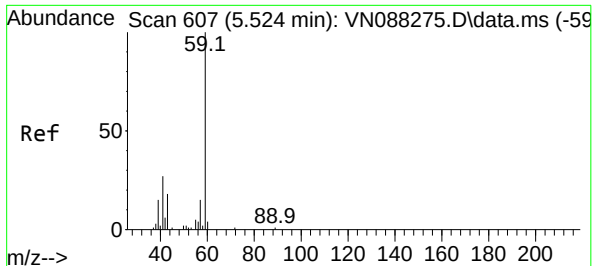
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#22
cis-1,2-Dichloroethene
Concen: 95.583 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Tgt Ion: 96 Resp: 418959
Ion Ratio Lower Upper
96 100
61 165.6 131.2 196.8
98 64.1 51.0 76.4





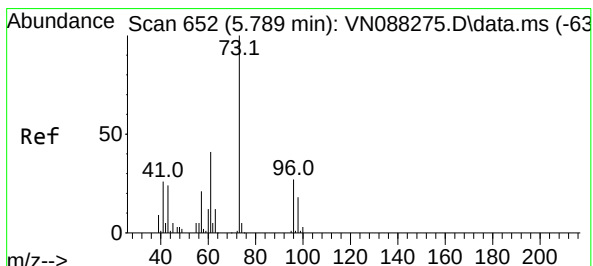
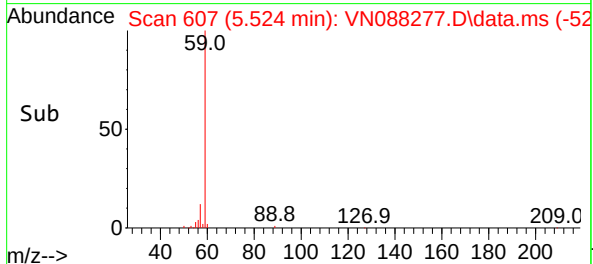
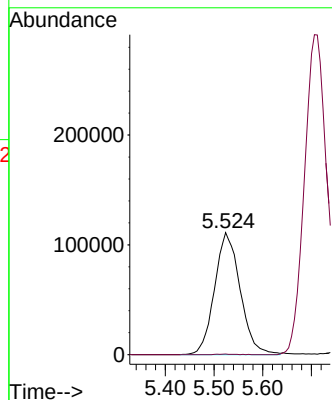
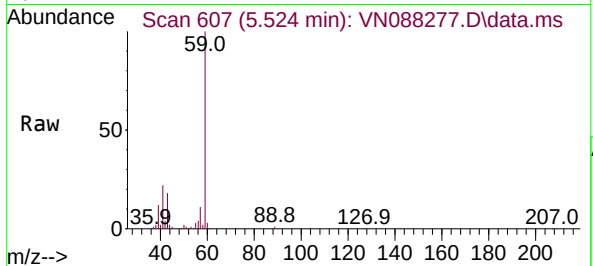
#23
tert-Butyl Alcohol
Concen: 435.560 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 405082
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

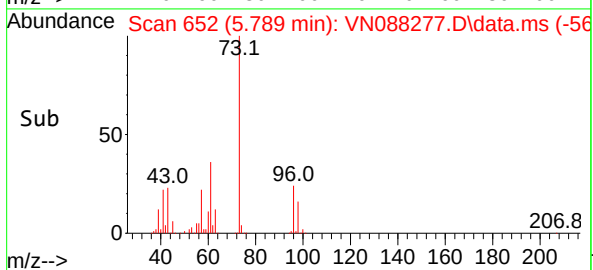
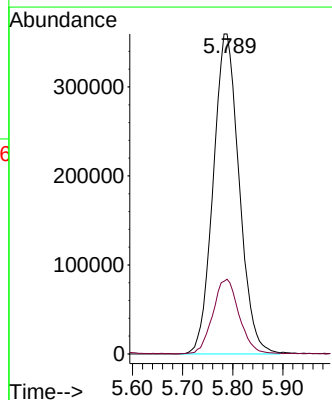
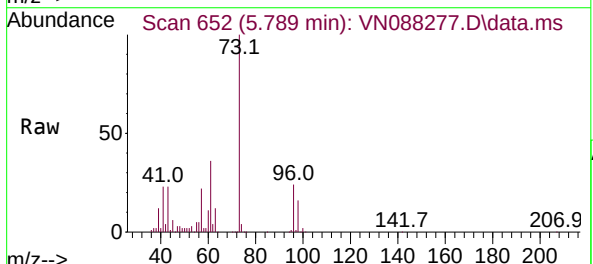
Manual Integrations
APPROVED

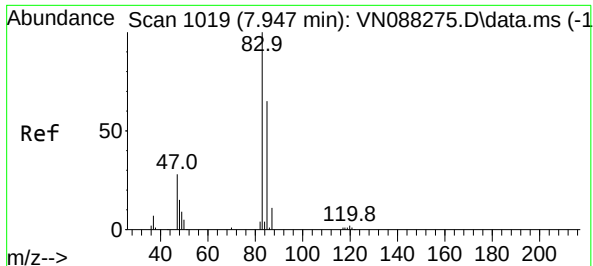
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#24
Methyl tert-Butyl Ether
Concen: 99.015 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Tgt Ion: 73 Resp: 1291019
Ion Ratio Lower Upper
73 100
43 23.4 18.5 27.7





#25

Chloroform

Concen: 101.523 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 720609

Ion Ratio Lower Upper

83 100

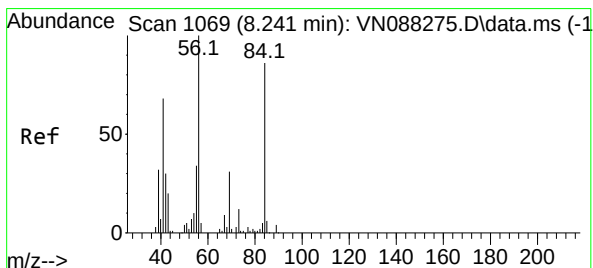
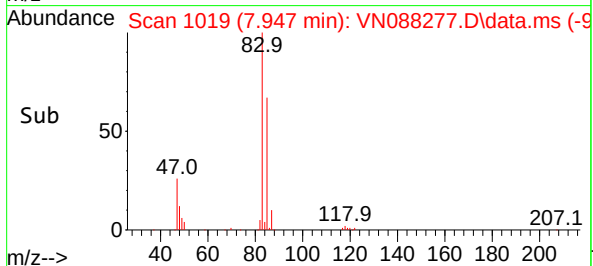
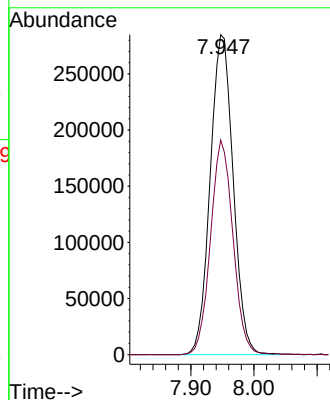
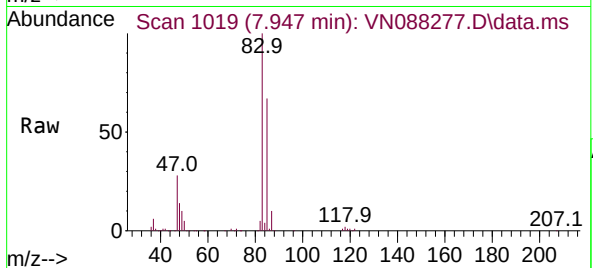
85 67.1 52.2 78.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#26

Cyclohexane

Concen: 99.388 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

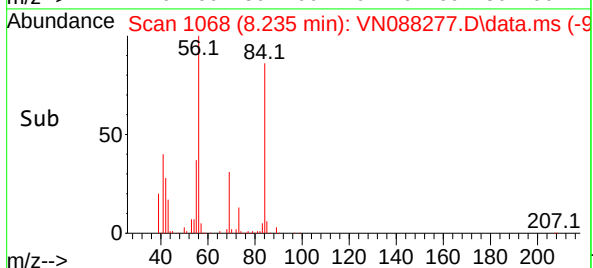
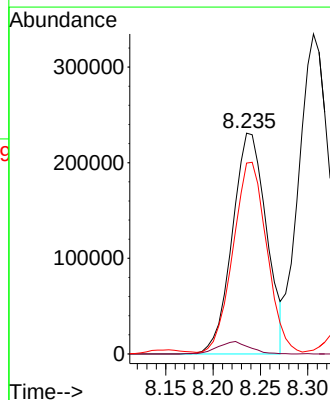
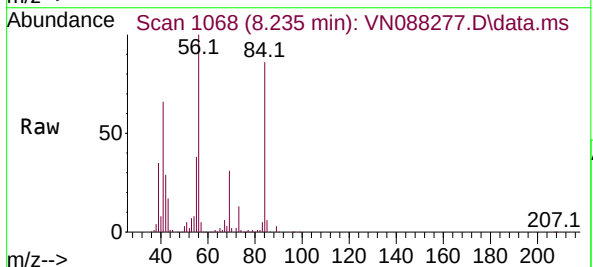
Tgt Ion: 56 Resp: 579253

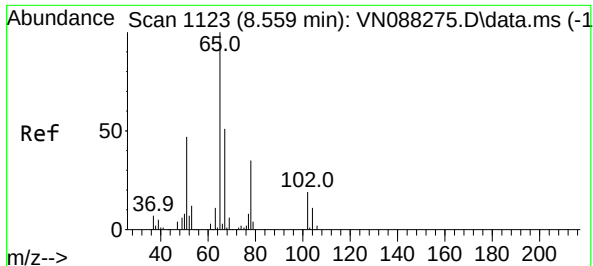
Ion Ratio Lower Upper

56 100

89 5.1 7.3 10.9

84 86.5 67.8 101.8





#27

1,2-Dichloroethane-d4

Concen: 34.021 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 158023

Ion Ratio Lower Upper

65 100

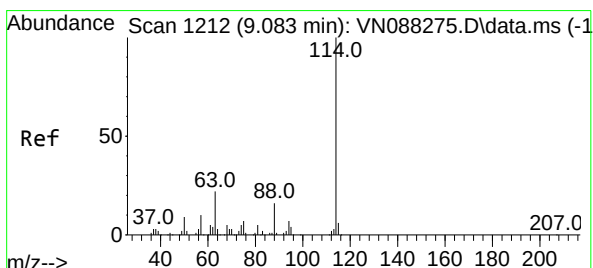
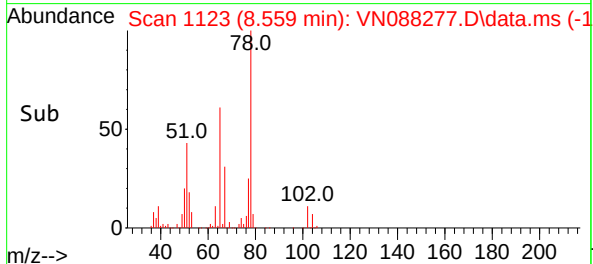
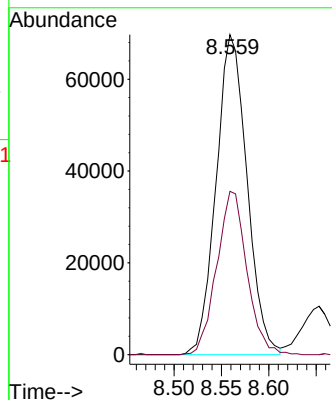
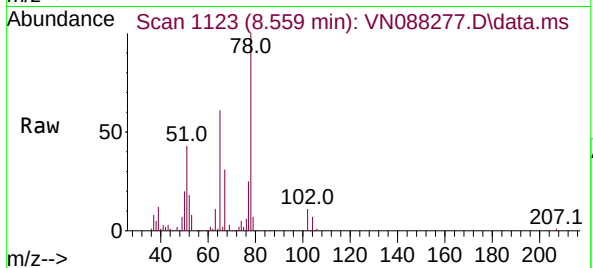
67 49.8 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

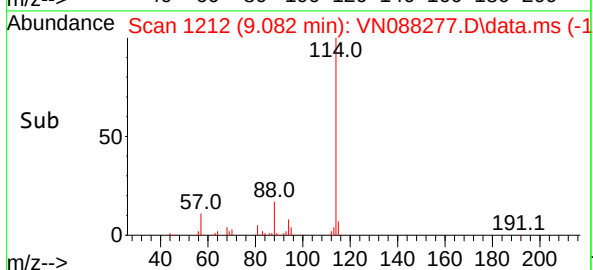
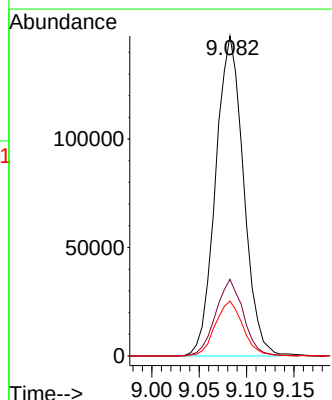
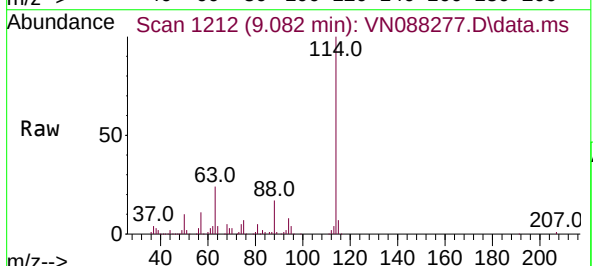
Tgt Ion:114 Resp: 302391

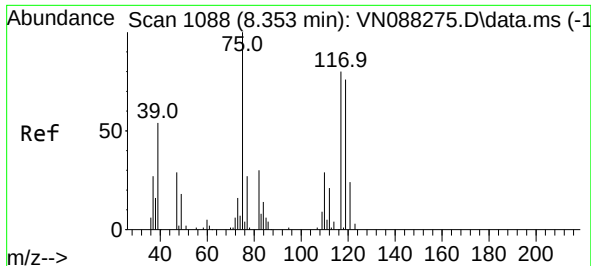
Ion Ratio Lower Upper

114 100

63 23.8 18.9 28.3

88 16.9 12.8 19.2





#29

1,1-Dichloropropene

Concen: 111.037 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 500890

Ion Ratio Lower Upper

75 100

110 31.4 0.0 65.6

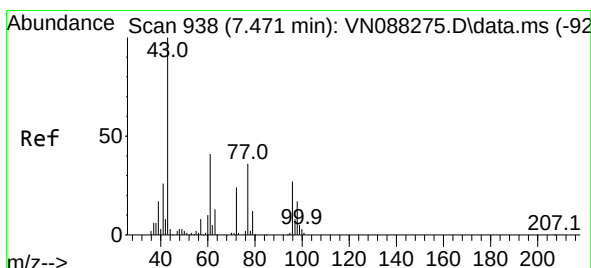
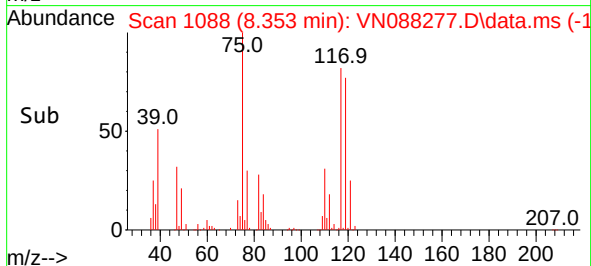
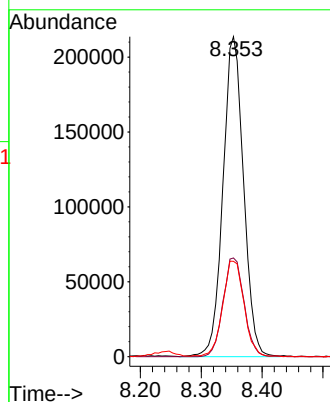
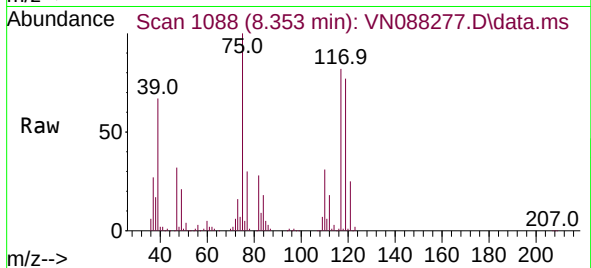
77 30.9 0.0 60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#30

2-Butanone

Concen: 529.244 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

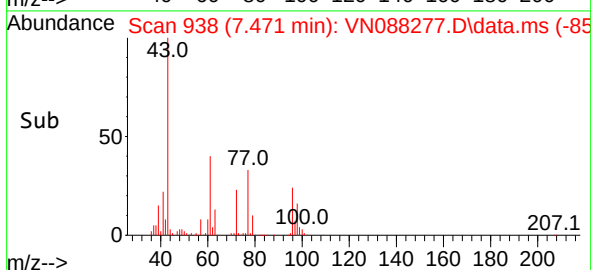
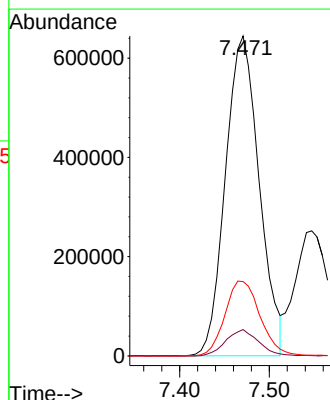
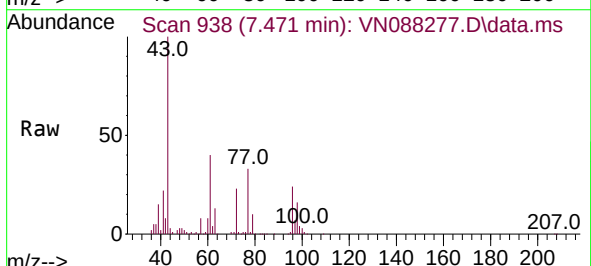
Tgt Ion: 43 Resp: 1690170

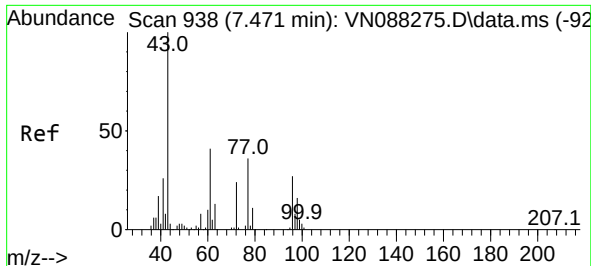
Ion Ratio Lower Upper

43 100

57 8.0 6.2 9.4

72 24.4 19.4 29.2





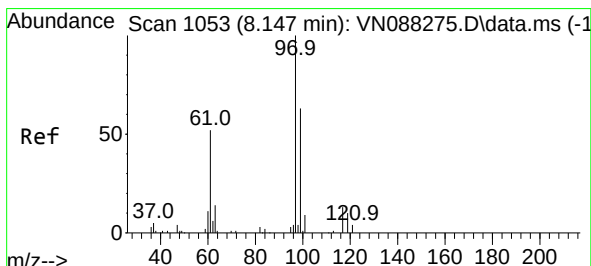
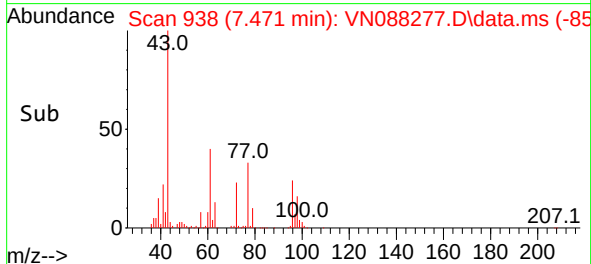
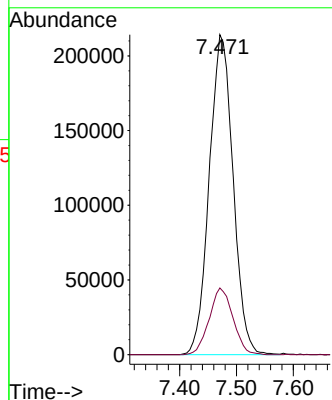
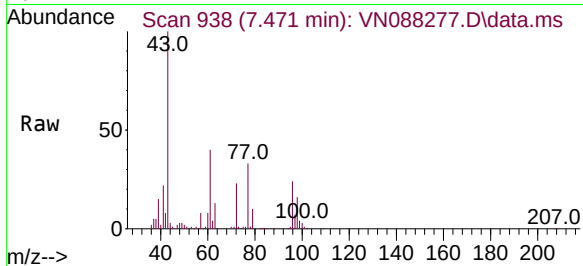
#31
2,2-Dichloropropane
Concen: 108.762 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 623466
Ion Ratio Lower Upper
77 100
97 20.7 16.8 25.2

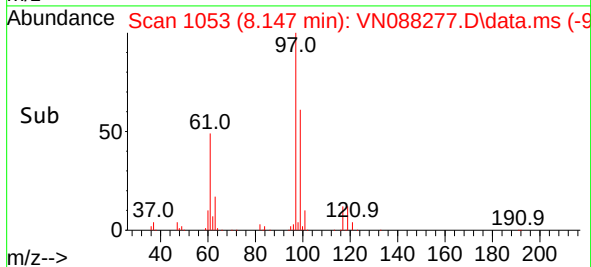
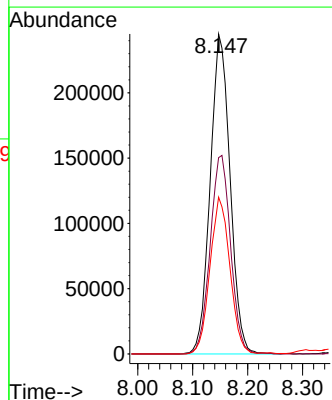
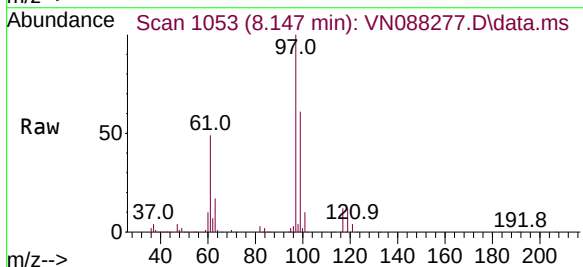
Manual Integrations
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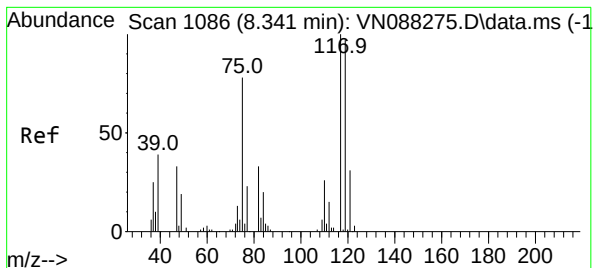
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#32
1,1,1-Trichloroethane
Concen: 109.824 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Tgt Ion: 97 Resp: 613629
Ion Ratio Lower Upper
97 100
99 63.9 50.2 75.4
61 49.2 39.8 59.8





#33

Carbon Tetrachloride

Concen: 109.356 ug/l

RT: 8.347 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:117 Resp: 515390

Ion Ratio Lower Upper

117 100

119 96.9 77.8 116.8

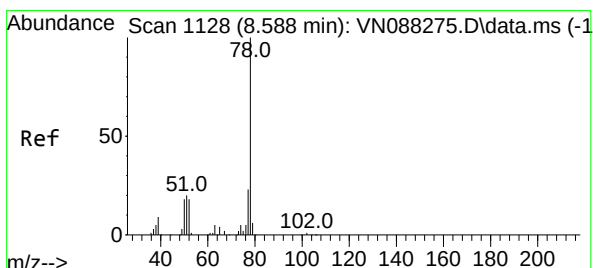
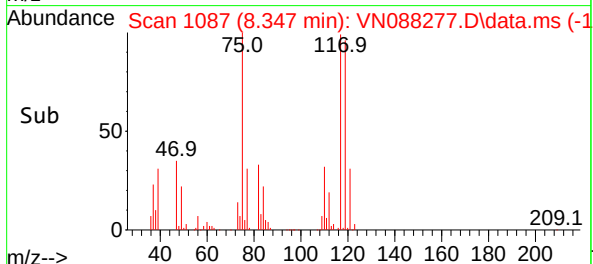
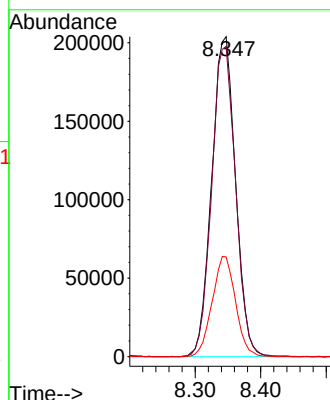
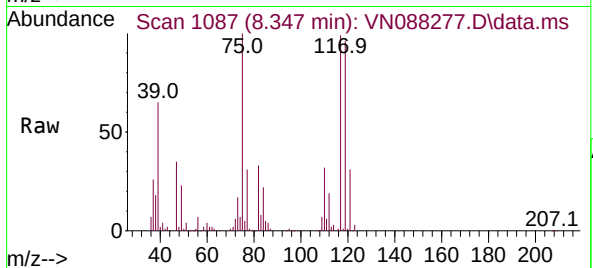
121 31.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#34

Benzene

Concen: 103.729 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

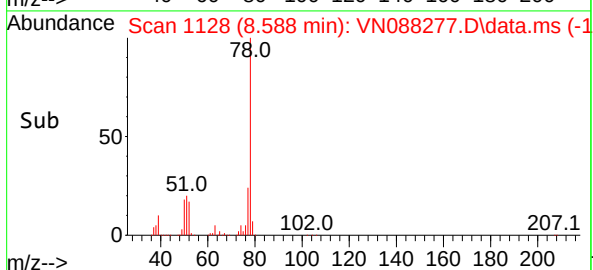
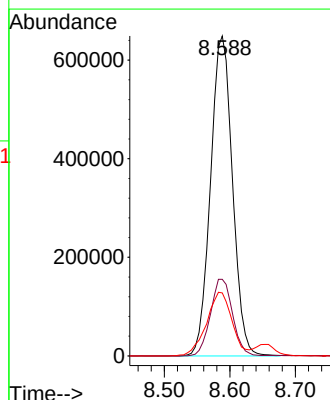
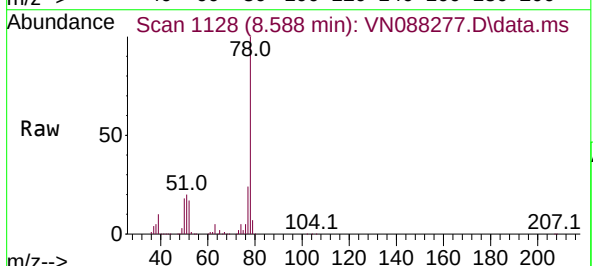
Tgt Ion: 78 Resp: 1510830

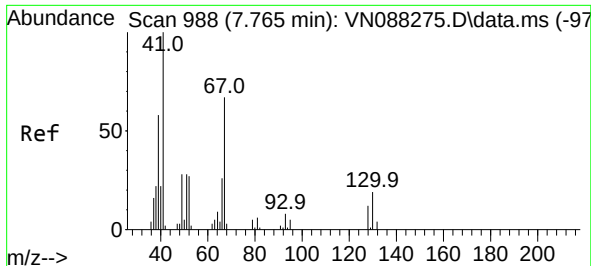
Ion Ratio Lower Upper

78 100

77 23.9 18.6 27.8

51 19.4 15.8 23.8





#35
Methacrylonitrile
Concen: 106.943 ug/l
RT: 7.759 min Scan# 988
Delta R.T. -0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :

MSVOA_N

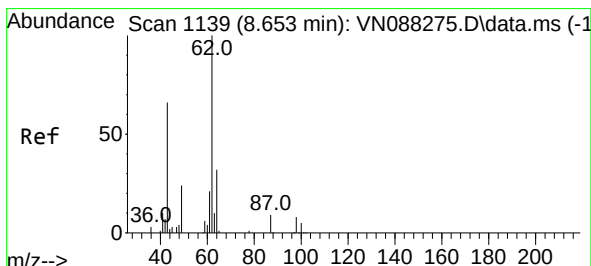
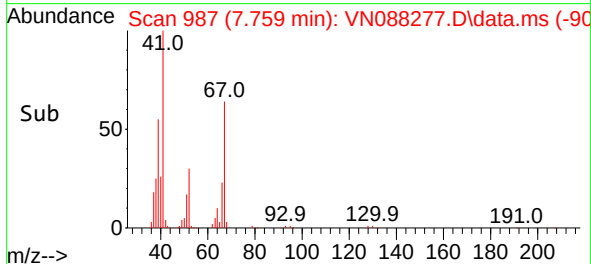
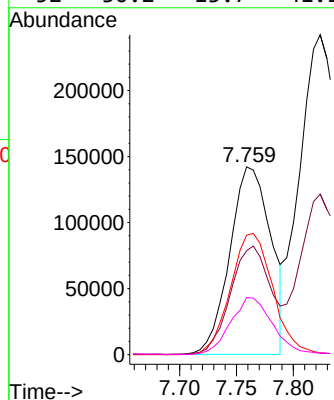
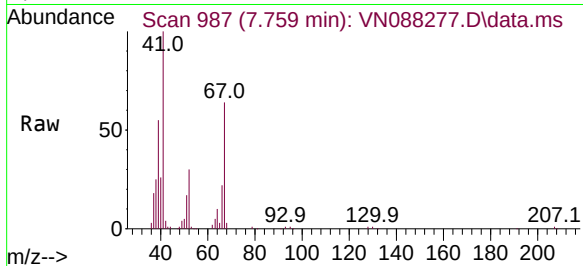
ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 357832
Ion Ratio Lower Upper
41 100
39 55.1 29.0 87.0
67 63.6 33.3 99.9
52 30.2 13.7 41.1

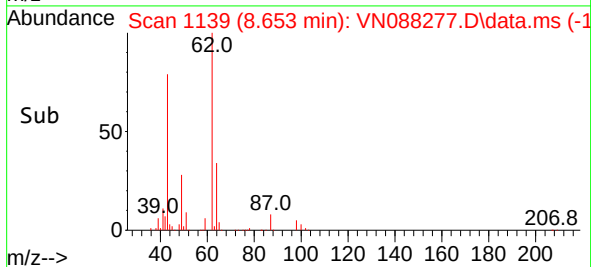
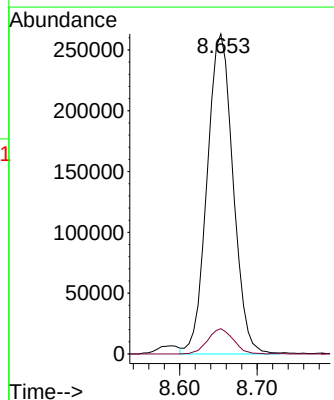
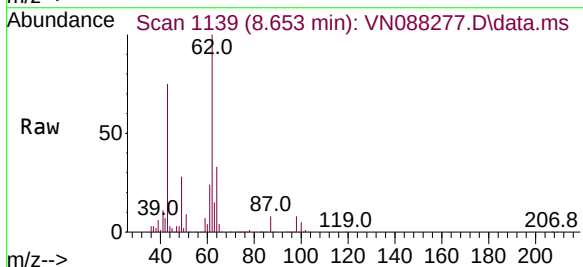
Manual Integrations
APPROVED

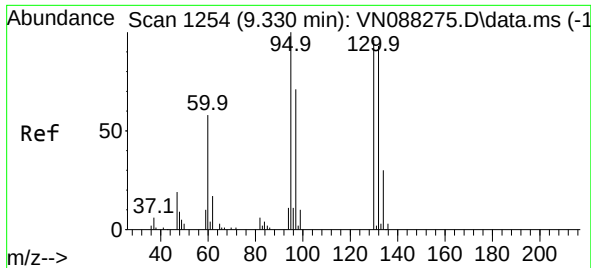
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#36
1,2-Dichloroethane
Concen: 118.700 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Tgt Ion: 62 Resp: 612885
Ion Ratio Lower Upper
62 100
98 7.7 6.8 10.2





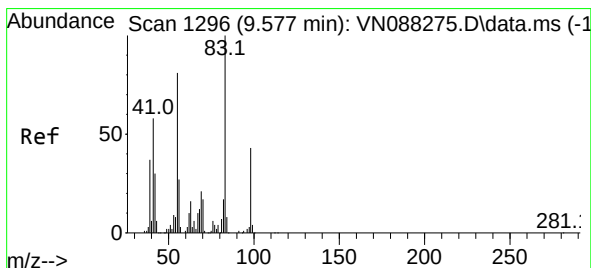
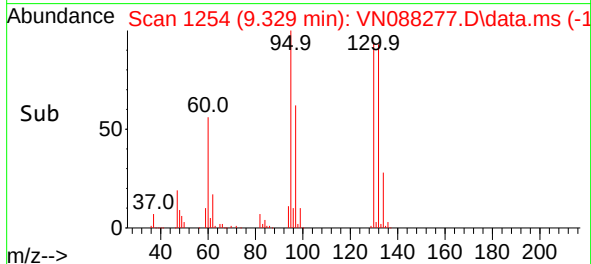
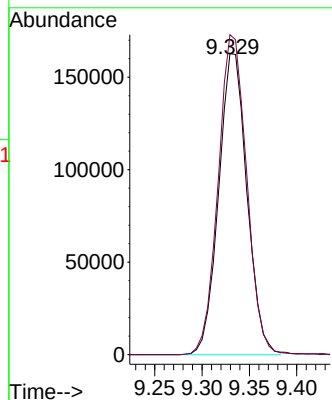
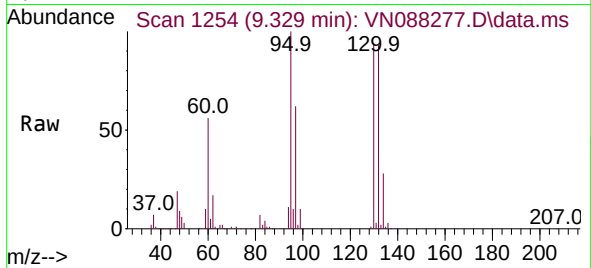
#37
Trichloroethene
Concen: 98.874 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:130 Resp: 337963
Ion Ratio Lower Upper
130 100
95 106.3 83.7 125.5

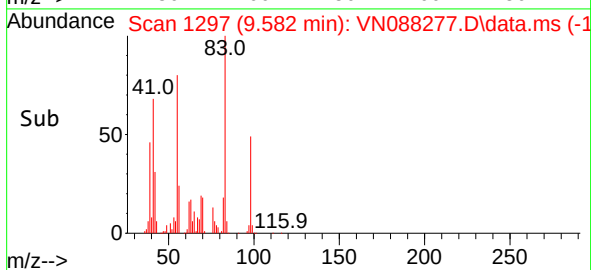
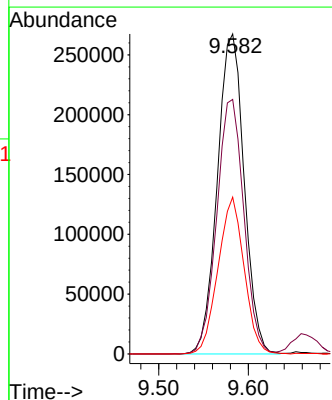
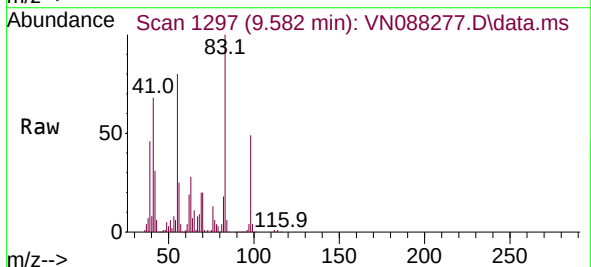
Manual Integrations
APPROVED

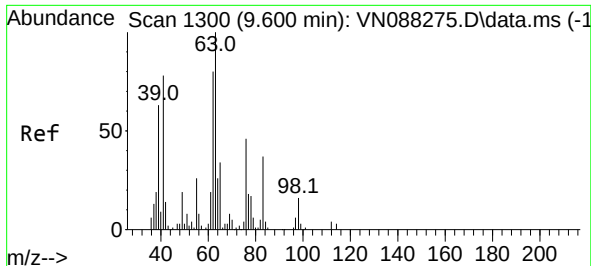
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#38
Methylcyclohexane
Concen: 101.278 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Tgt Ion: 83 Resp: 556698
Ion Ratio Lower Upper
83 100
55 80.3 40.8 122.5
98 47.6 23.4 70.3





#39

1,2-Dichloropropane

Concen: 107.628 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 394096

Ion Ratio Lower Upper

63 100

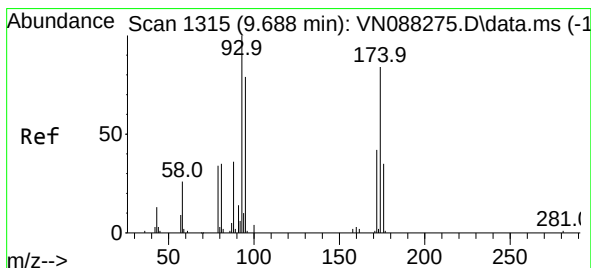
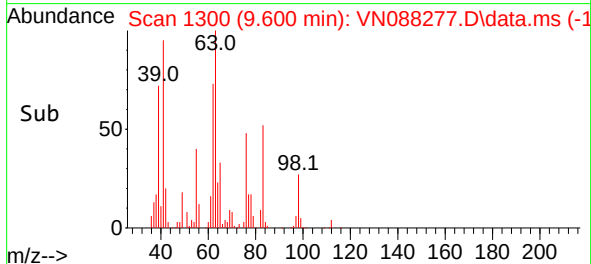
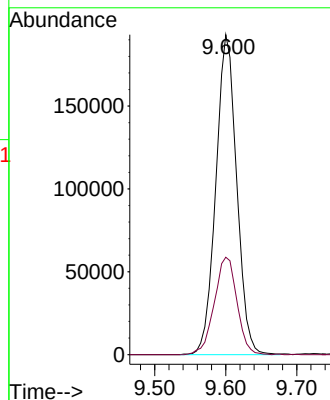
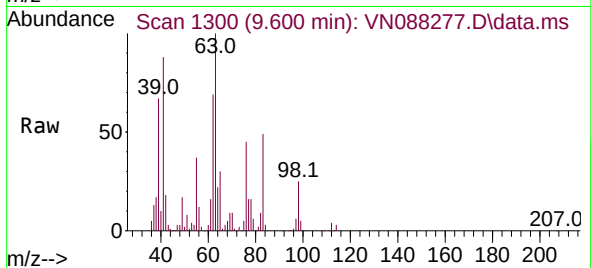
65 30.4 27.8 41.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#40

Dibromomethane

Concen: 107.639 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

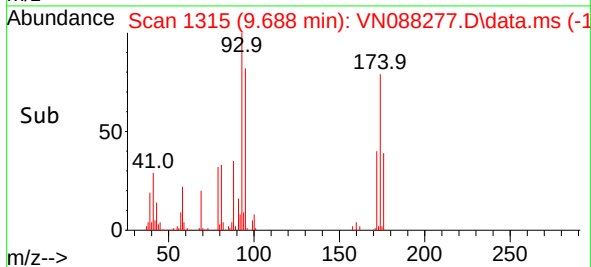
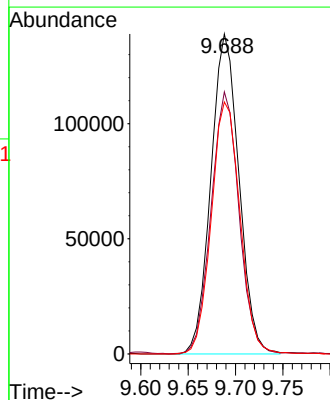
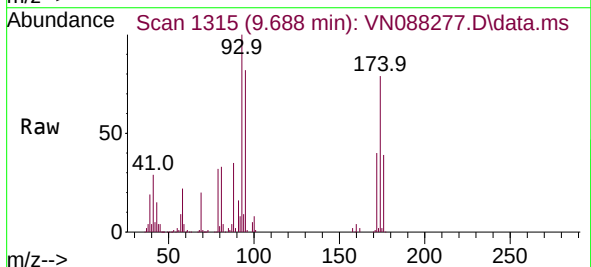
Tgt Ion: 93 Resp: 286468

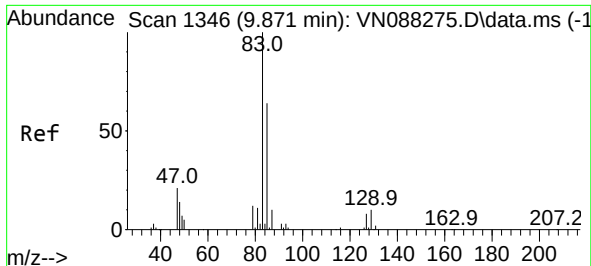
Ion Ratio Lower Upper

93 100

95 81.4 0.0 161.6

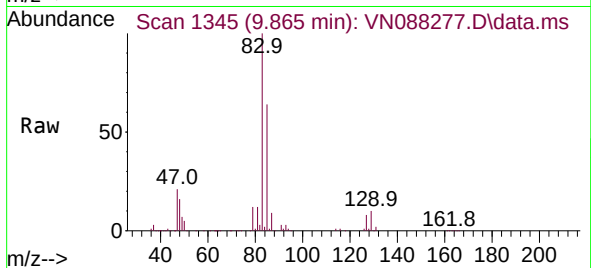
174 80.2 0.0 158.2





#41
Bromodichloromethane
Concen: 109.095 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

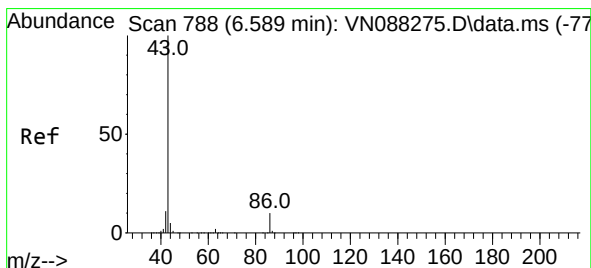
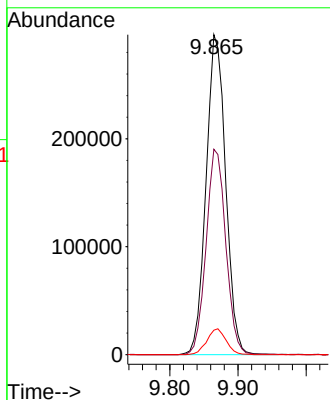
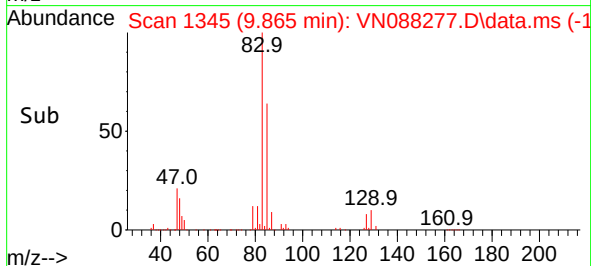
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 588644
Ion Ratio Lower Upper
83 100
85 64.2 51.4 77.2
127 7.6 6.4 9.6

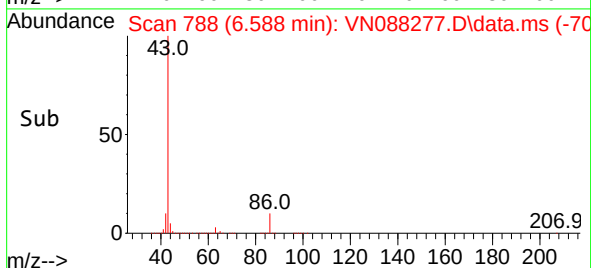
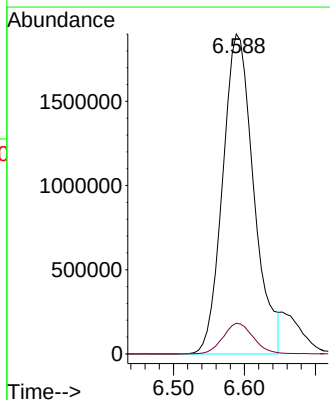
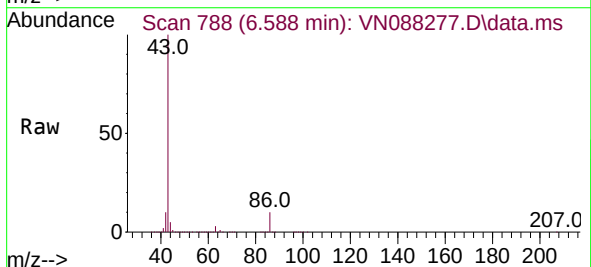
Manual Integrations
APPROVED

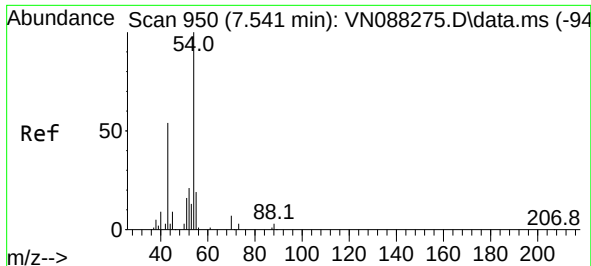
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#42
Vinyl Acetate
Concen: 527.240 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Tgt Ion: 43 Resp: 5787487
Ion Ratio Lower Upper
43 100
86 9.3 7.4 11.2





#43

Ethyl Acetate

Concen: 110.269 ug/l

RT: 7.547 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 685746

Ion Ratio Lower Upper

43 100

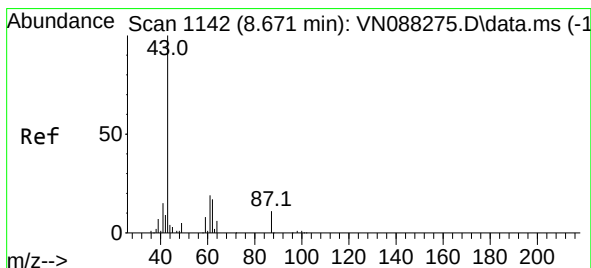
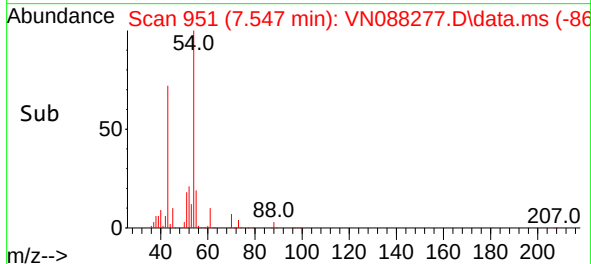
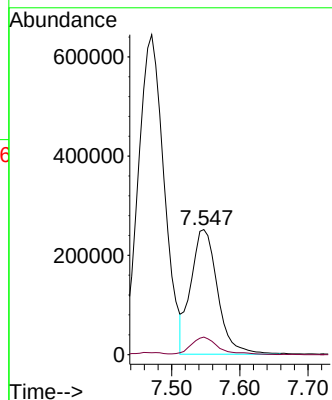
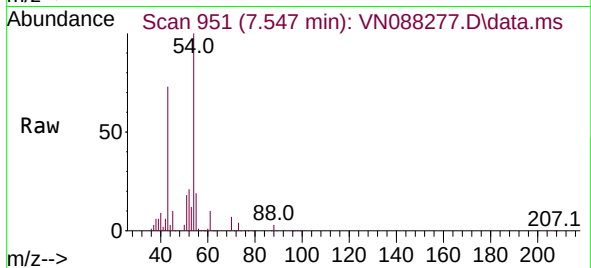
45 12.2 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#44

Isopropyl Acetate

Concen: 107.619 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. -0.000 min

Lab File: VN088277.D

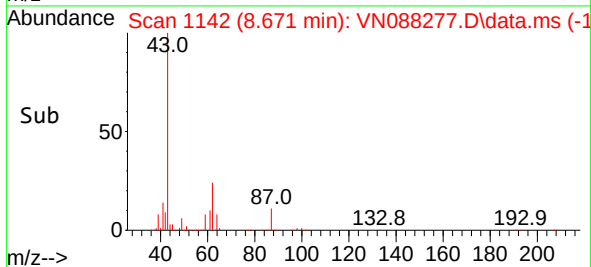
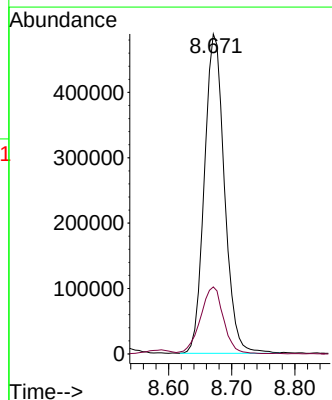
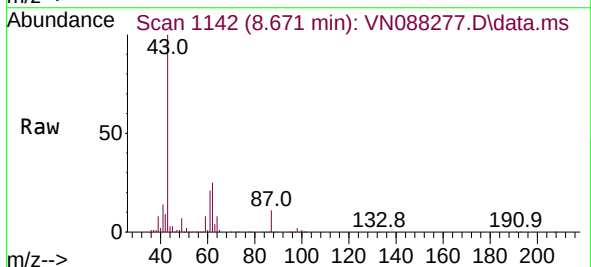
Acq: 13 Nov 2025 11:29

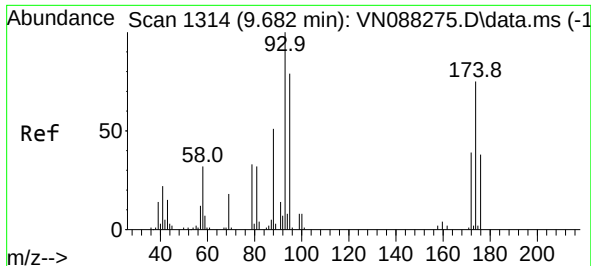
Tgt Ion: 43 Resp: 1079569

Ion Ratio Lower Upper

43 100

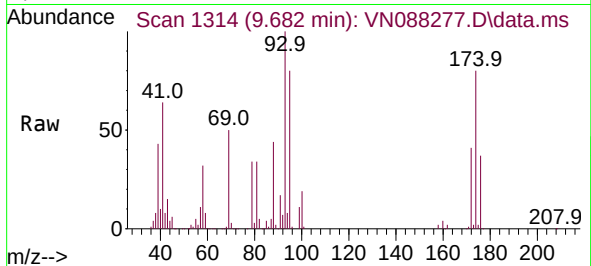
61 24.2 19.0 28.6





#45
1,4-Dioxane
Concen: 1932.462 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

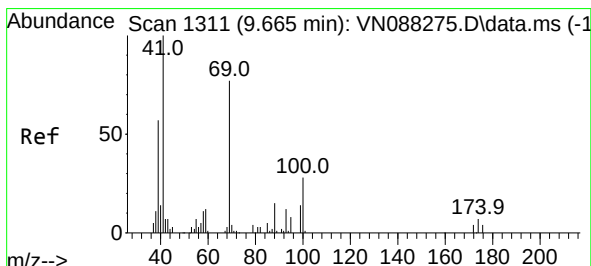
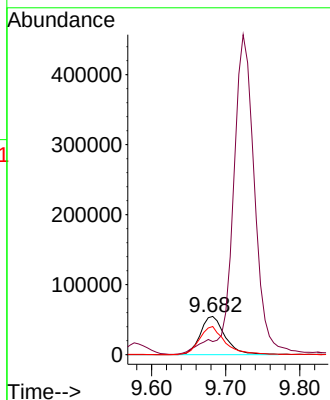
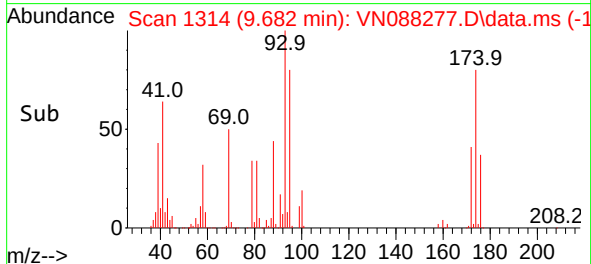
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



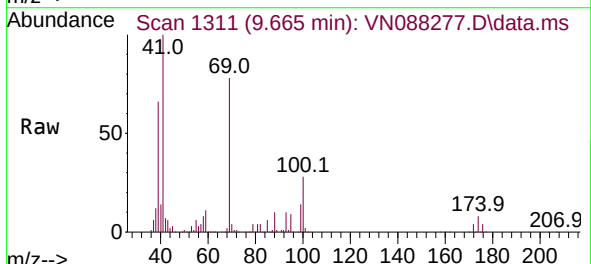
Tgt Ion: 88 Resp: 125652
Ion Ratio Lower Upper
88 100
43 26.8 27.8 41.8
58 76.3 59.5 89.3

Manual Integrations
APPROVED

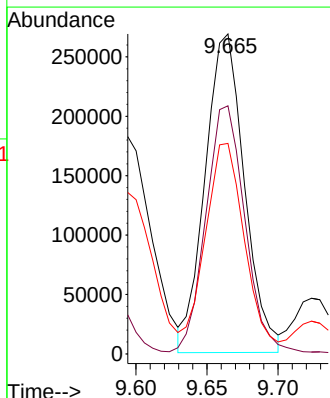
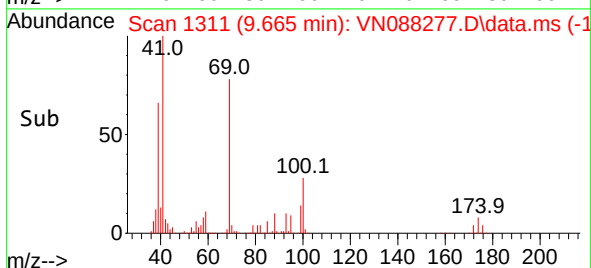
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

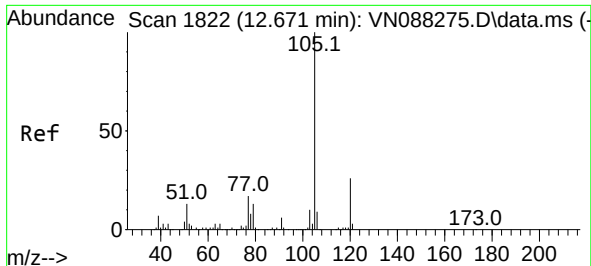


#46
Methyl methacrylate
Concen: 113.839 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29



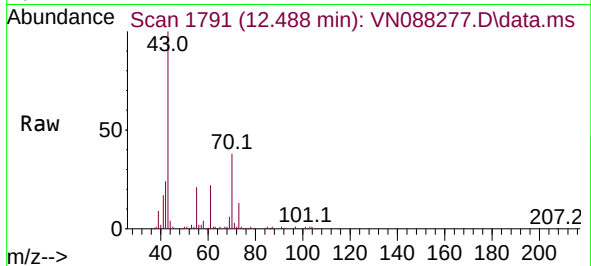
Tgt Ion: 41 Resp: 517547
Ion Ratio Lower Upper
41 100
69 80.3 38.5 115.3
39 65.9 29.0 87.1





#47
n-amy1 Acetate
Concen: 119.065 ug/l m
RT: 12.488 min Scan# 1791
Delta R.T. -0.182 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

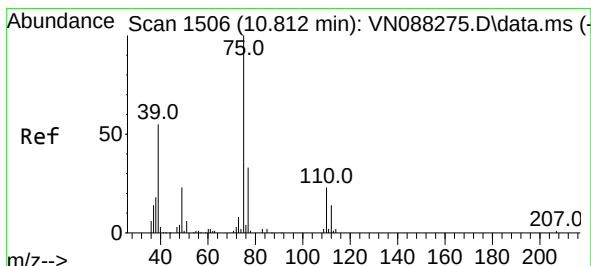
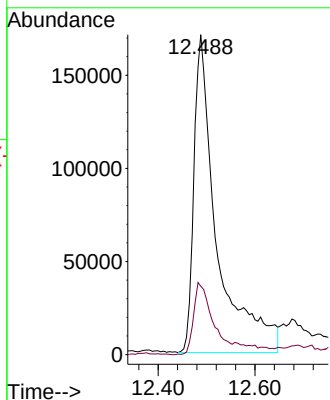
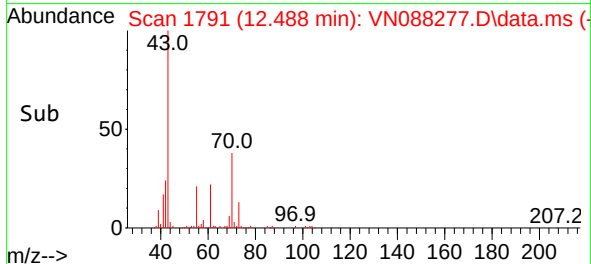
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



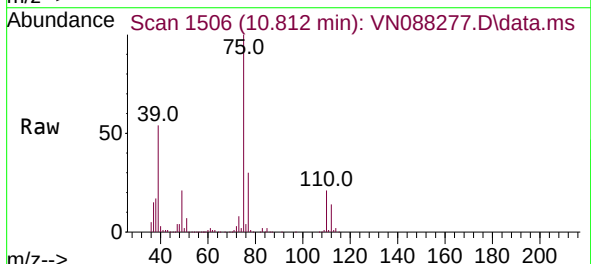
Tgt Ion: 43 Resp: 562356
Ion Ratio Lower Upper
43 100
55 0.4 0.0 0.0

Manual Integrations
APPROVED

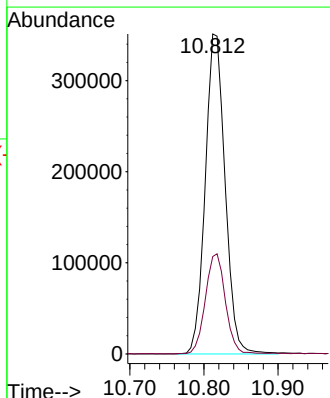
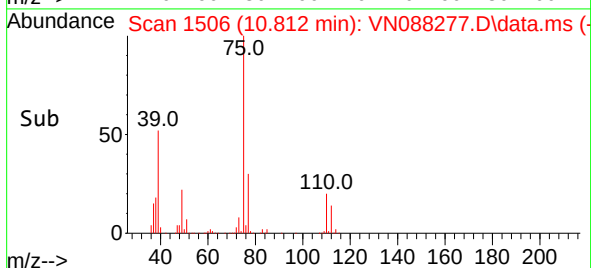
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

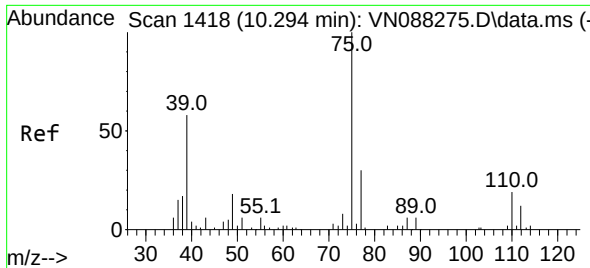


#48
t-1,3-Dichloropropene
Concen: 109.885 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29



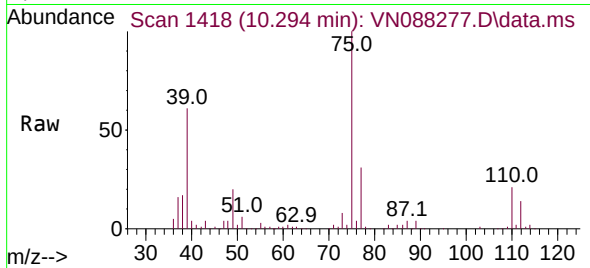
Tgt Ion: 75 Resp: 652430
Ion Ratio Lower Upper
75 100
77 30.3 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 105.389 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN088277.D
 Acq: 13 Nov 2025 11:29

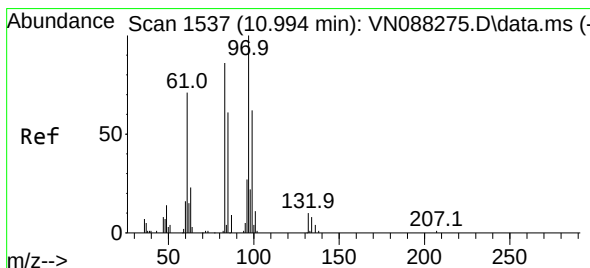
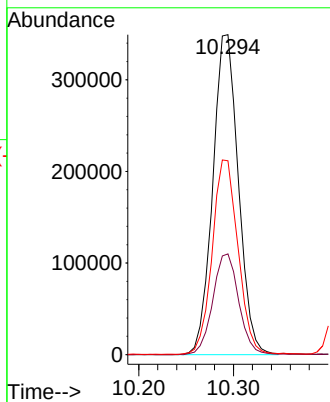
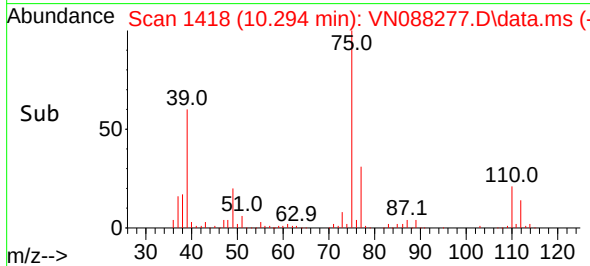
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



Tgt Ion: 75 Resp: 656345
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.4 36.6
 39 60.4 46.1 69.1

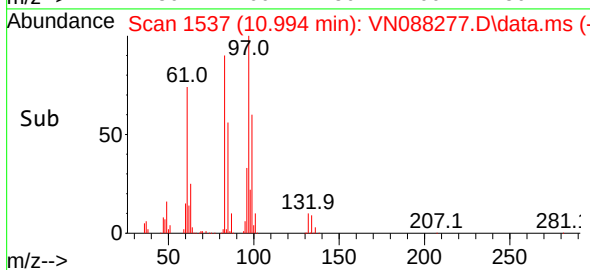
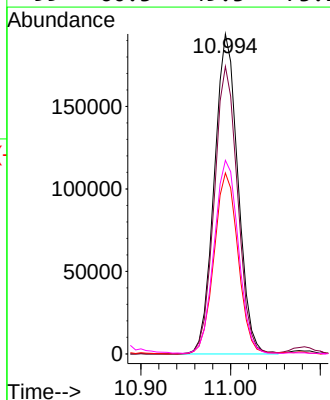
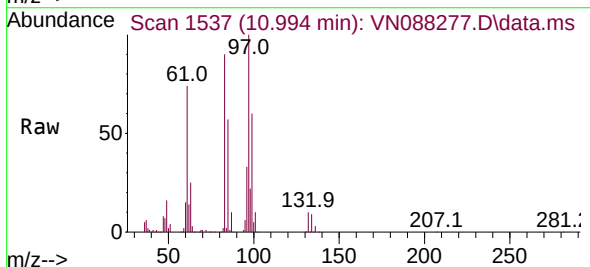
Manual Integrations
 APPROVED

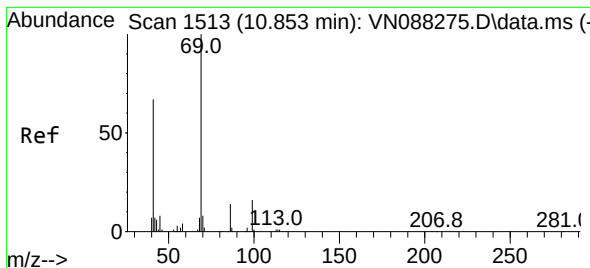
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#50
 1,1,2-Trichloroethane
 Concen: 102.714 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088277.D
 Acq: 13 Nov 2025 11:29

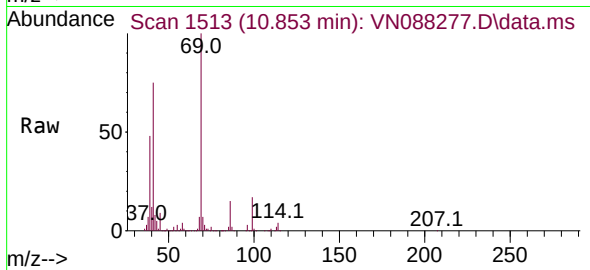
Tgt Ion: 97 Resp: 355954
 Ion Ratio Lower Upper
 97 100
 83 89.8 68.6 102.8
 85 56.5 49.0 73.6
 99 60.3 49.3 73.9





#51
Ethyl methacrylate
Concen: 110.018 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

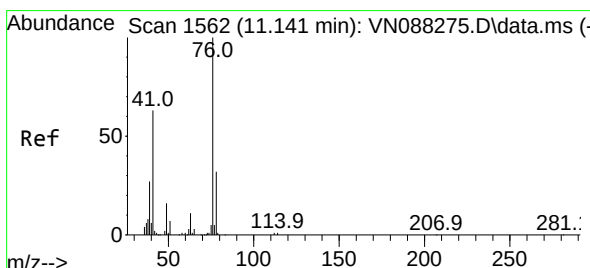
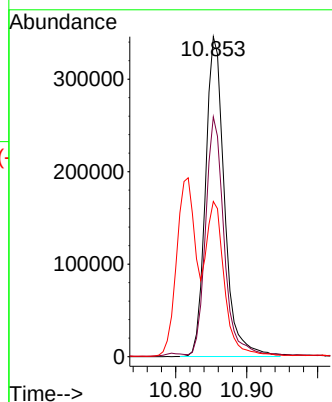
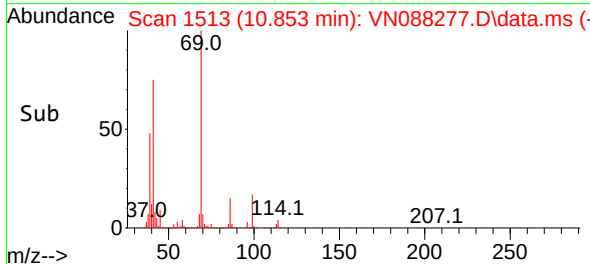
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 69 Resp: 640389
Ion Ratio Lower Upper
69 100
41 74.2 33.6 100.8
39 48.0 23.4 70.2

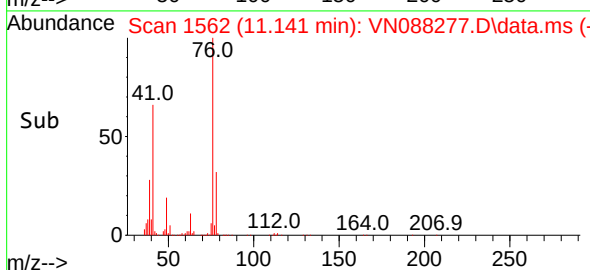
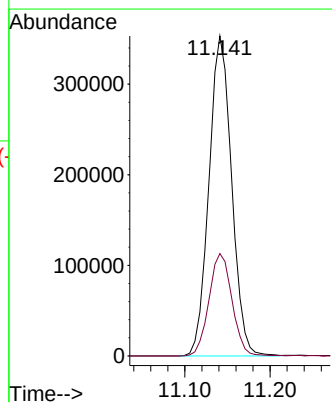
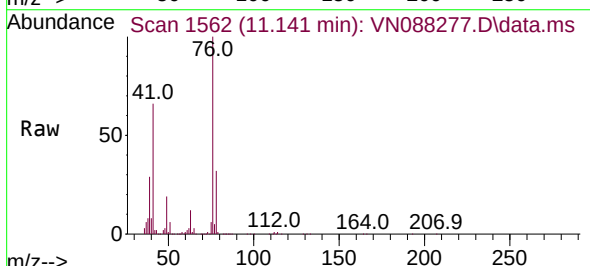
Manual Integrations
APPROVED

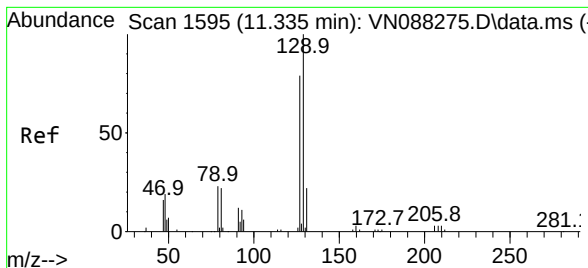
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#52
1,3-Dichloropropane
Concen: 106.971 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Tgt Ion: 76 Resp: 652611
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.2





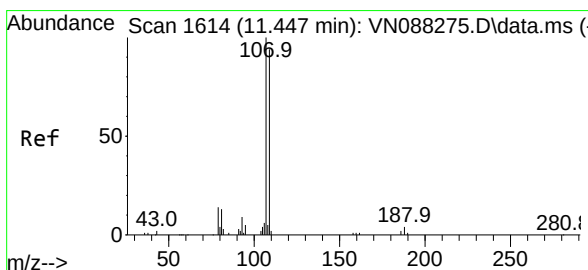
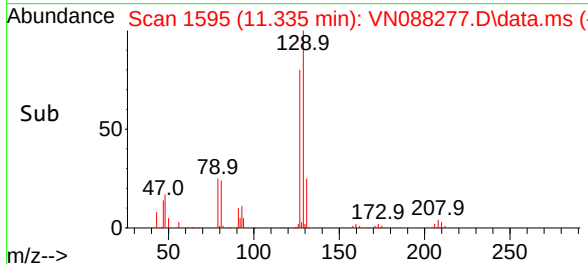
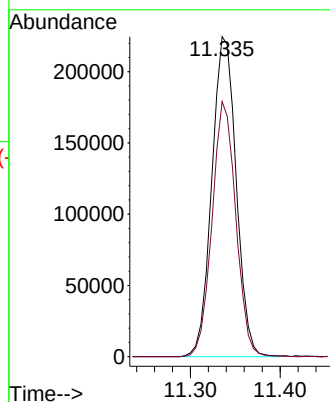
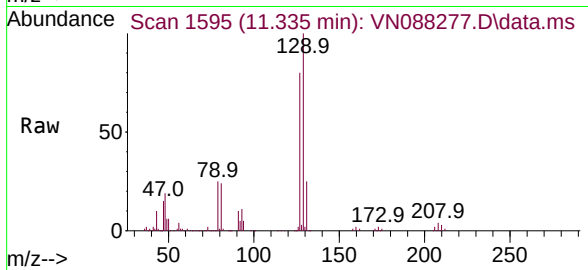
#53
Dibromochloromethane
Concen: 103.658 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:129 Resp: 425915
Ion Ratio Lower Upper
129 100
127 77.5 38.2 114.6

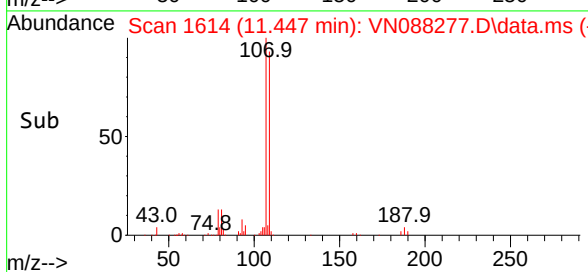
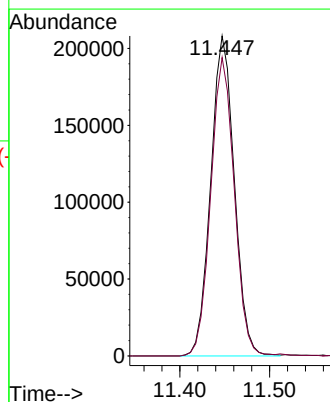
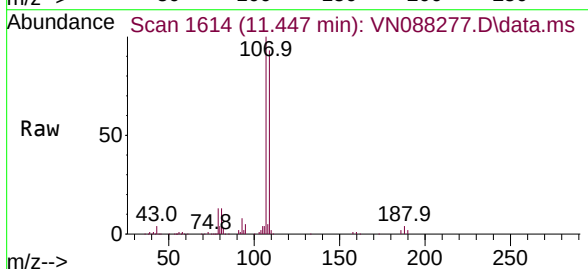
Manual Integrations
APPROVED

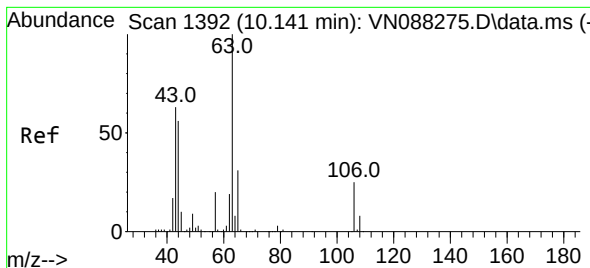
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#54
1,2-Dibromoethane
Concen: 103.438 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

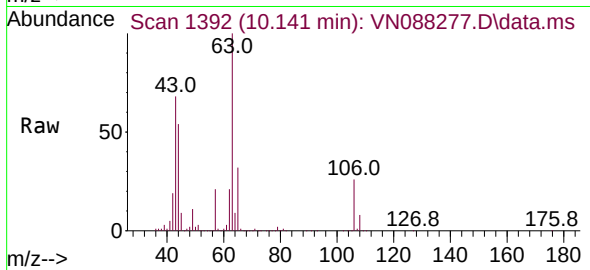
Tgt Ion:107 Resp: 380679
Ion Ratio Lower Upper
107 100
109 92.7 76.6 115.0





#55
2-Chloroethyl vinyl ether
Concen: 569.464 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

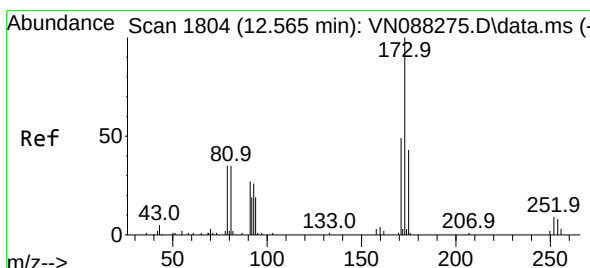
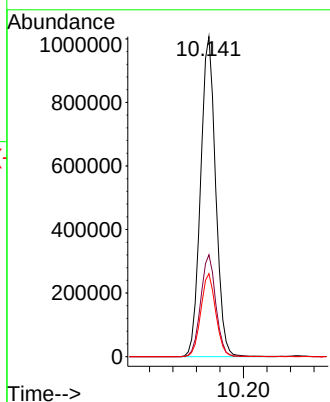
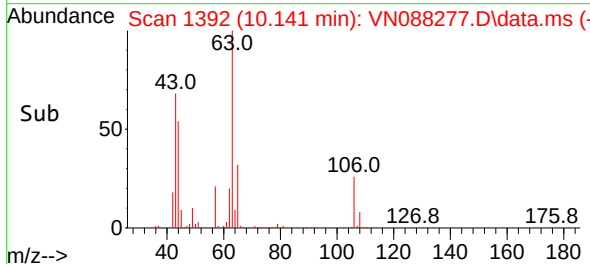
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 1790152
Ion Ratio Lower Upper
63 100
65 31.7 24.9 37.3
106 25.7 20.3 30.5

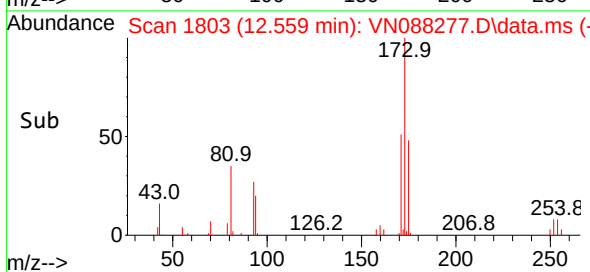
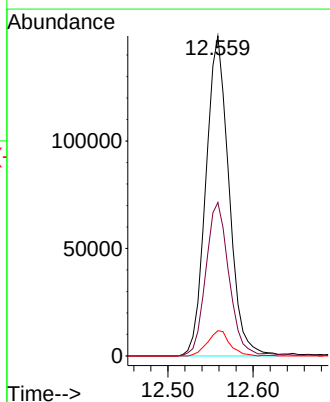
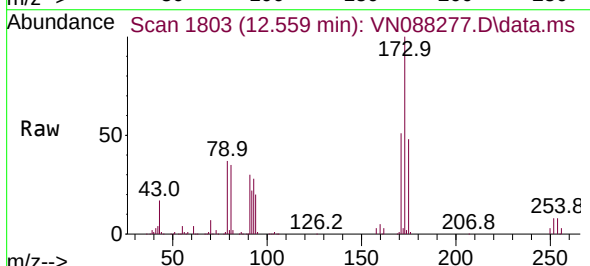
Manual Integrations
APPROVED

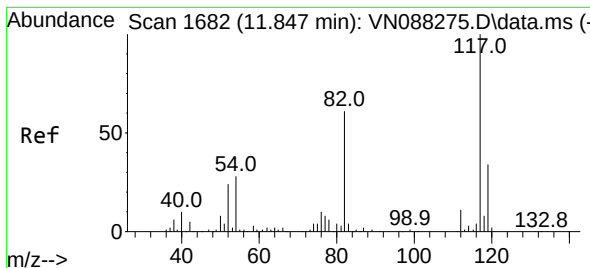
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#56
Bromoform
Concen: 101.994 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

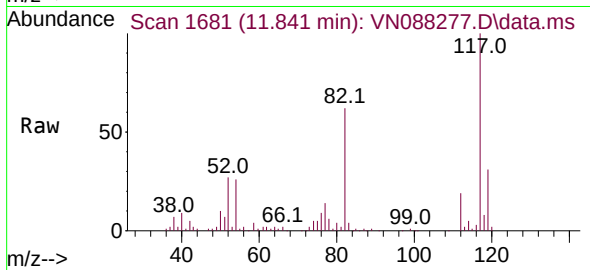
Tgt Ion:173 Resp: 279810
Ion Ratio Lower Upper
173 100
175 47.9 37.7 56.5
254 7.6 5.9 8.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

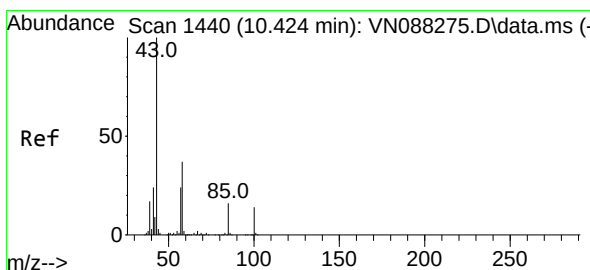
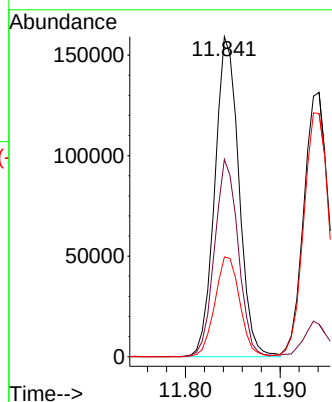
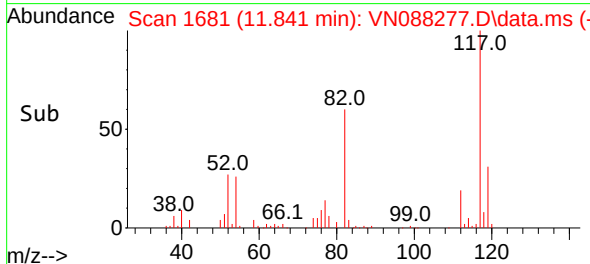
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 280939
Ion Ratio Lower Upper
117 100
82 60.8 49.3 73.9
119 32.2 26.4 39.6

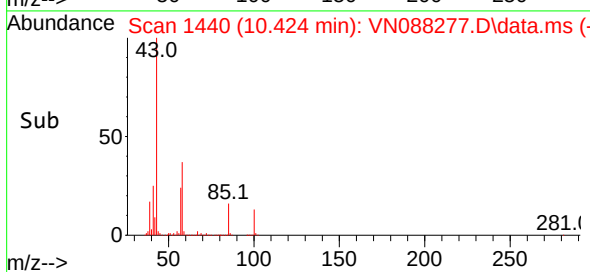
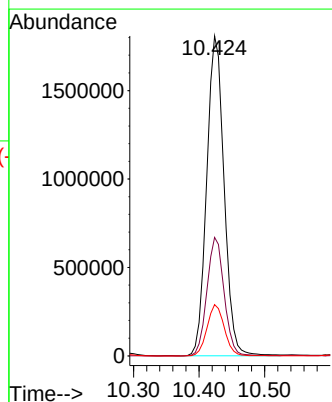
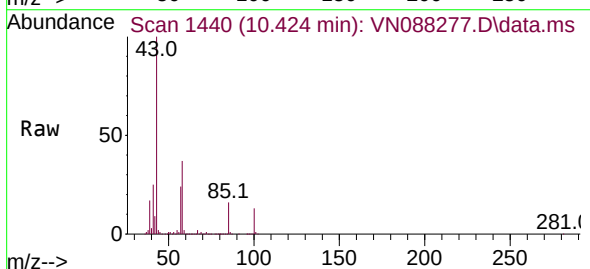
Manual Integrations
APPROVED

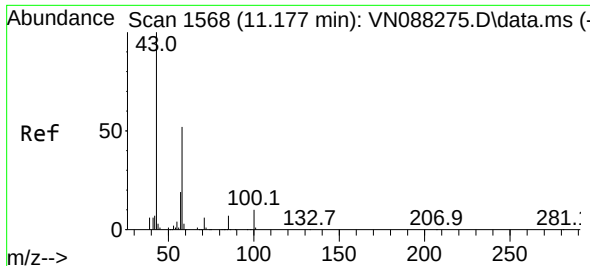
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#58
4-Methyl-2-Pentanone
Concen: 527.058 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

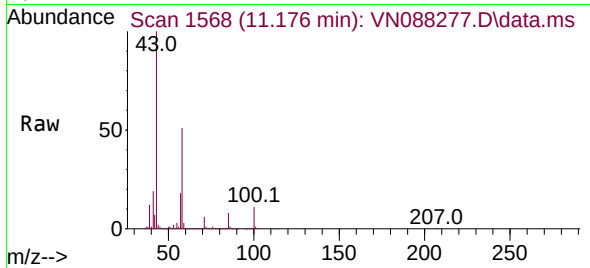
Tgt Ion: 43 Resp: 3325706
Ion Ratio Lower Upper
43 100
58 36.7 29.2 43.8
85 15.9 12.6 19.0





#59
2-Hexanone
Concen: 565.872 ug/l
RT: 11.176 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

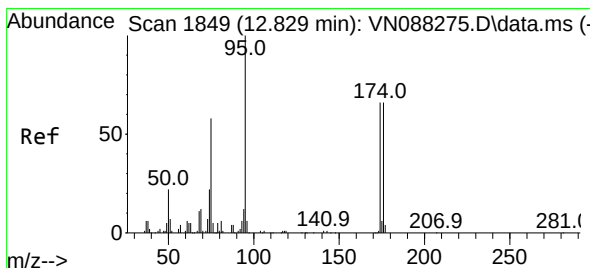
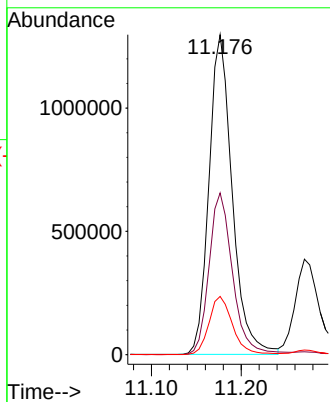
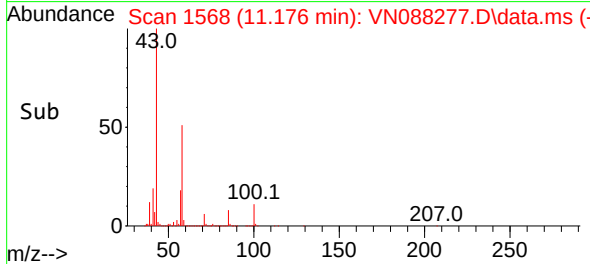
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 2346954
Ion Ratio Lower Upper
43 100
58 51.3 41.0 61.4
57 18.5 14.4 21.6

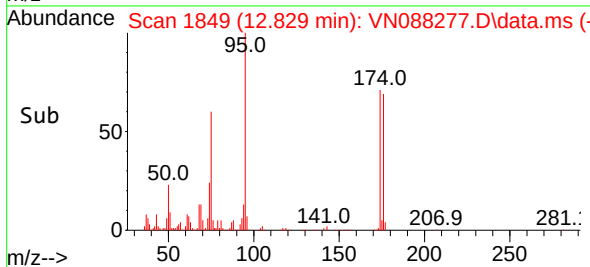
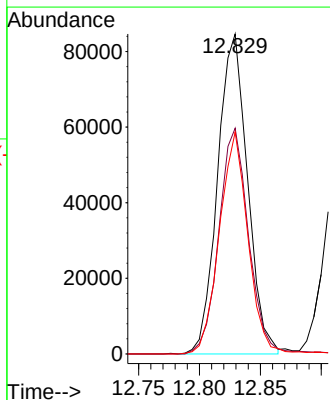
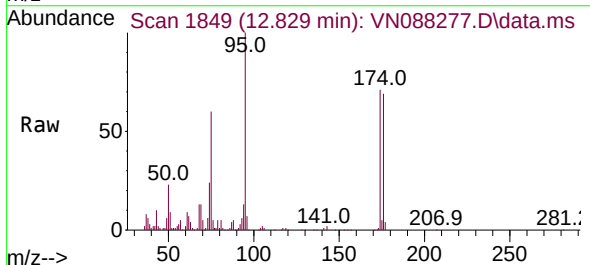
Manual Integrations
APPROVED

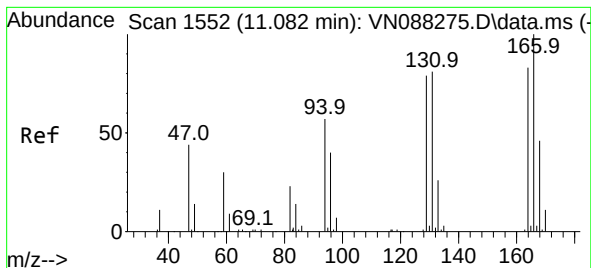
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#60
4-Bromofluorobenzene
Concen: 31.273 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

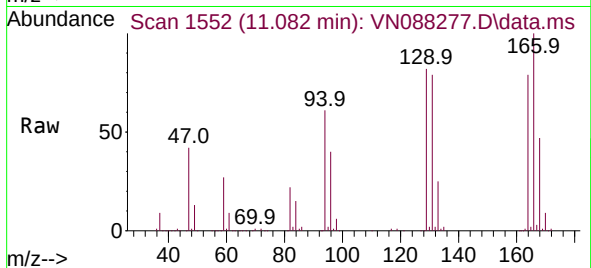
Tgt Ion: 95 Resp: 144691
Ion Ratio Lower Upper
95 100
174 70.5 54.5 81.7
176 65.9 53.8 80.6





#61
Tetrachloroethene
Concen: 96.241 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

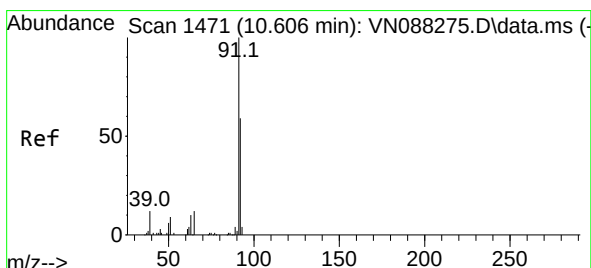
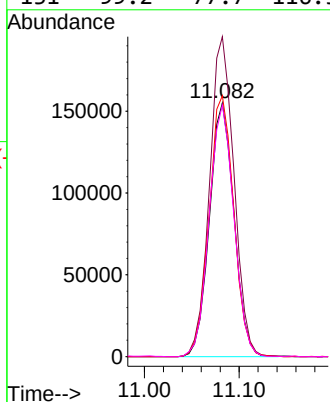
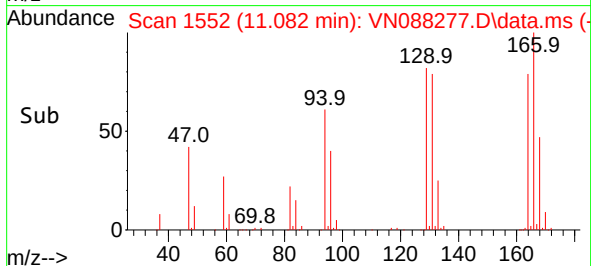
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



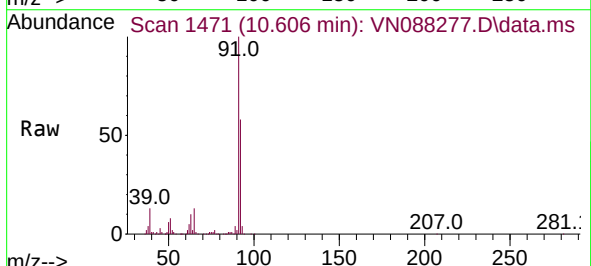
Tgt Ion:164 Resp: 277837
Ion Ratio Lower Upper
164 100
166 126.1 96.3 144.5
129 102.8 76.2 114.2
131 99.2 77.7 116.5

Manual Integrations
APPROVED

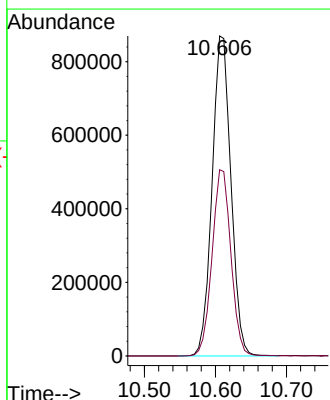
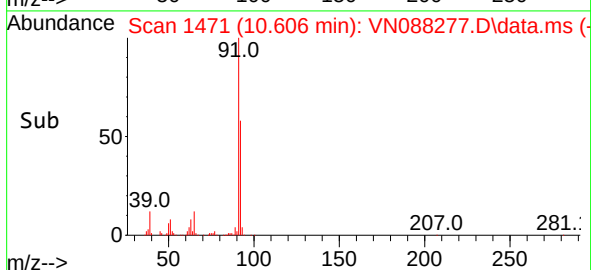
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

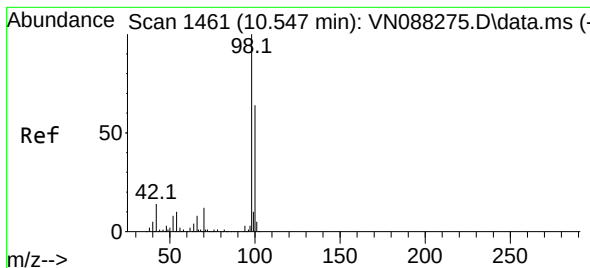


#62
Toluene
Concen: 99.833 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29



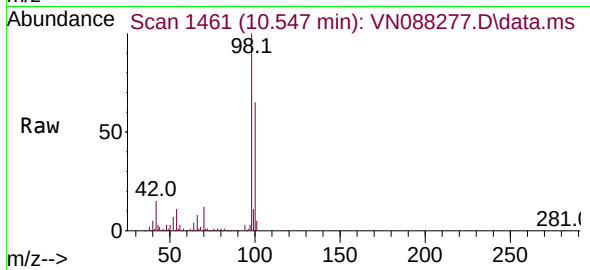
Tgt Ion: 91 Resp: 1605459
Ion Ratio Lower Upper
91 100
92 58.3 46.7 70.1





#63
Toluene-d8
Concen: 30.572 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

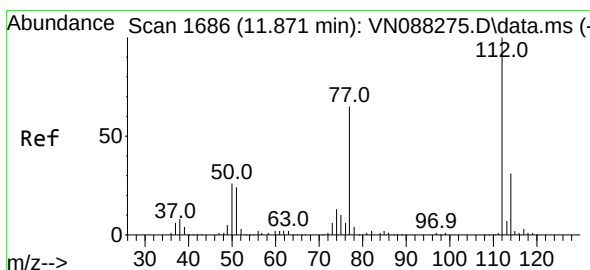
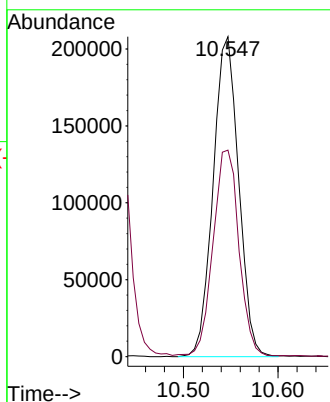
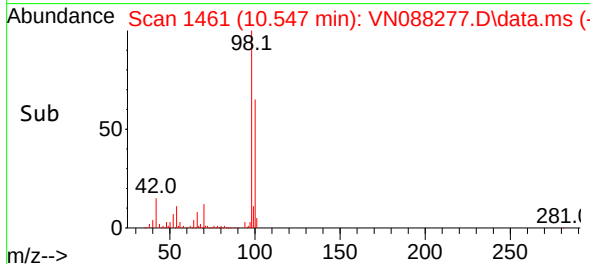
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



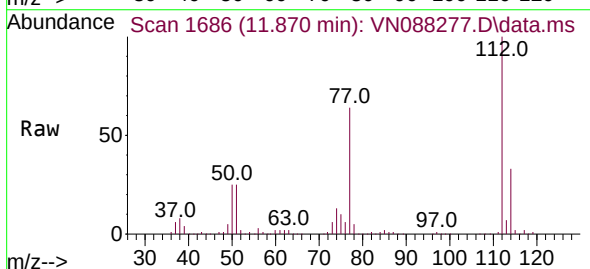
Tgt Ion: 98 Resp: 389074
Ion Ratio Lower Upper
98 100
100 65.6 51.6 77.4

Manual Integrations
APPROVED

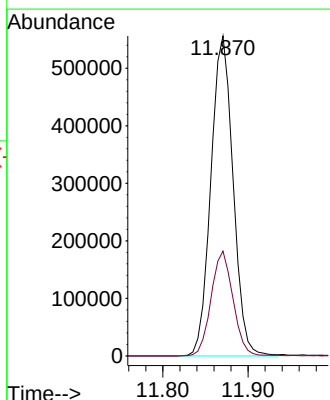
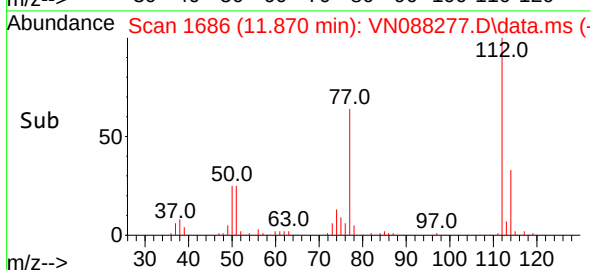
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

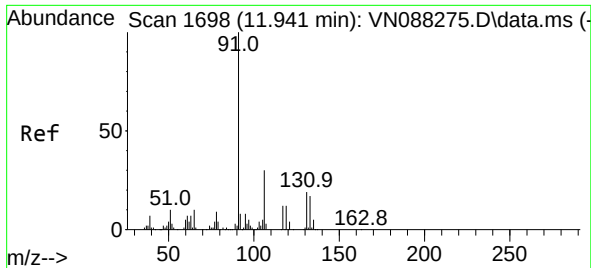


#64
Chlorobenzene
Concen: 99.163 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29



Tgt Ion:112 Resp: 1005878
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4





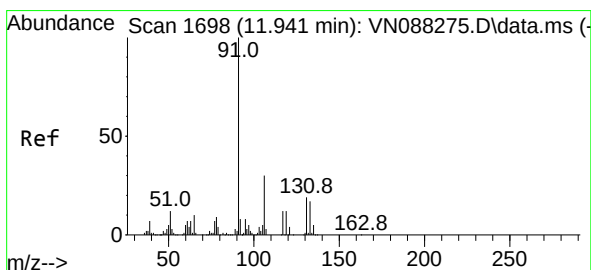
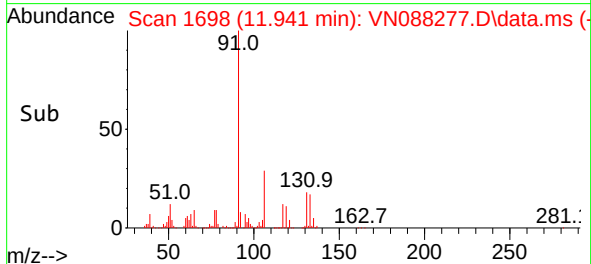
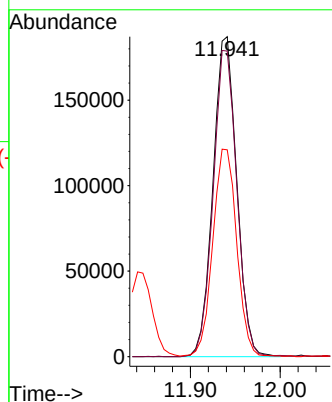
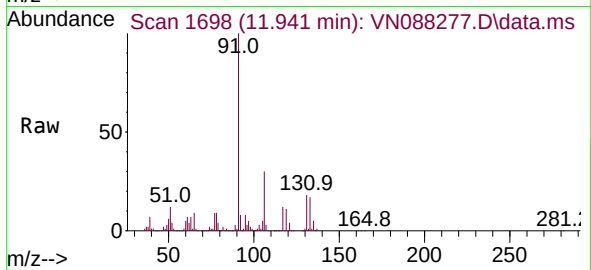
#65
1,1,1,2-Tetrachloroethane
Concen: 99.007 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 344917
Ion Ratio Lower Upper
131 100
133 95.6 0.0 181.4
119 65.5 0.0 135.0

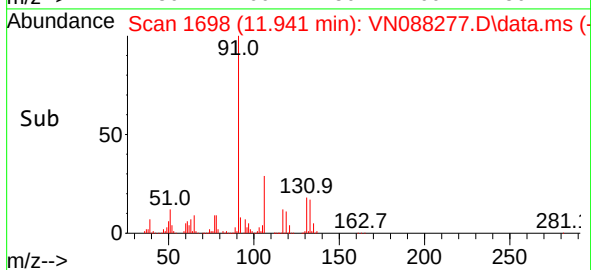
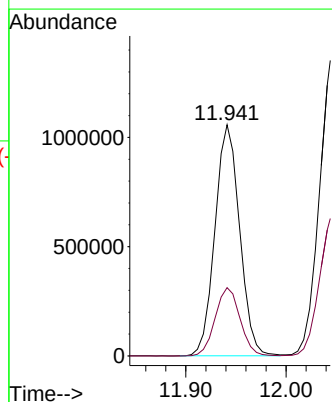
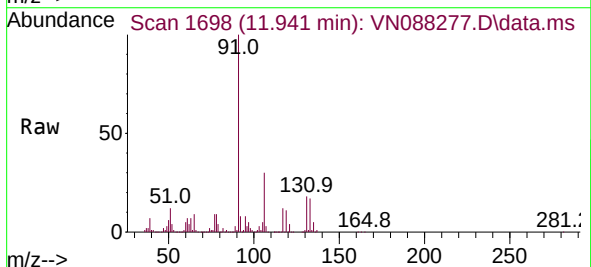
Manual Integrations
APPROVED

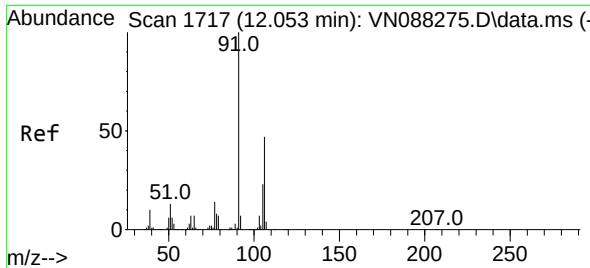
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#66
Ethyl Benzene
Concen: 103.494 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Tgt Ion: 91 Resp: 1810409
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6





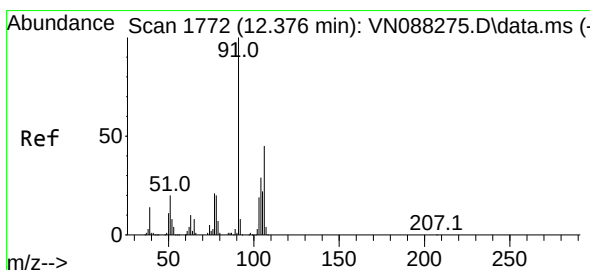
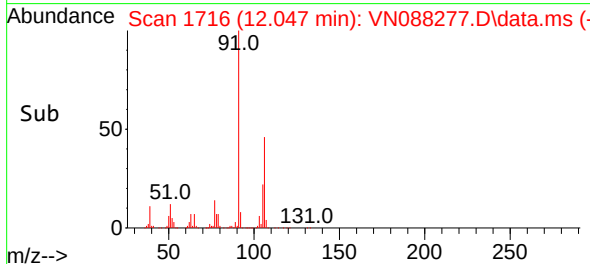
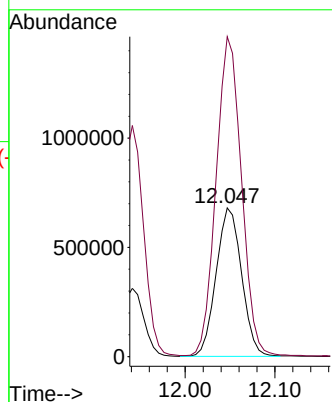
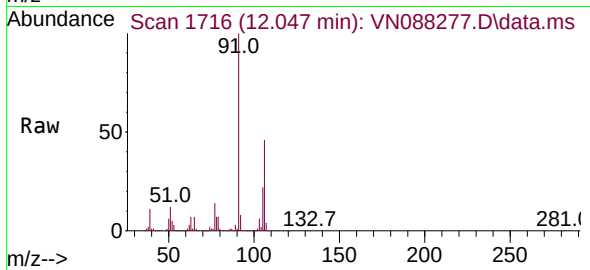
#67
m/p-Xylenes
Concen: 200.864 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 1345328
Ion Ratio Lower Upper
106 100
91 213.7 168.3 252.5

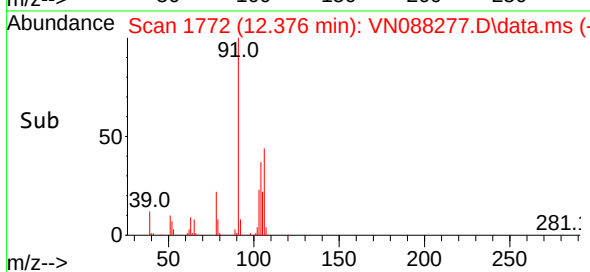
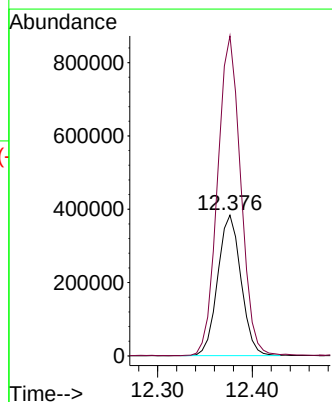
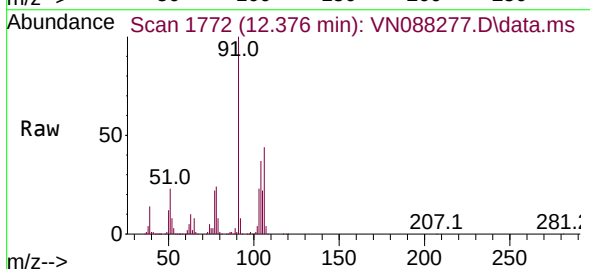
Manual Integrations
APPROVED

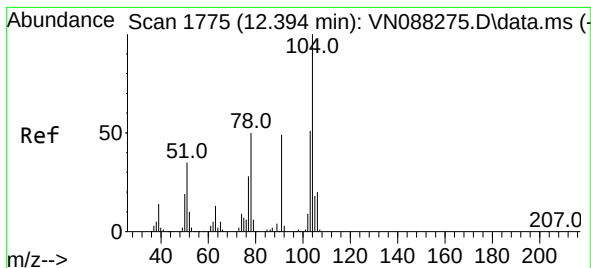
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#68
o-Xylene
Concen: 99.614 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Tgt Ion:106 Resp: 654049
Ion Ratio Lower Upper
106 100
91 227.6 114.0 342.0





#69

Styrene

Concen: 103.300 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:104 Resp: 1132505

Ion Ratio Lower Upper

104 100

78 56.5 43.8 65.8

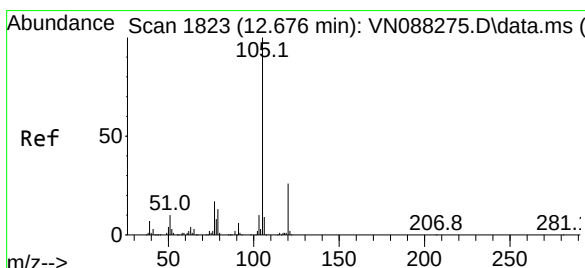
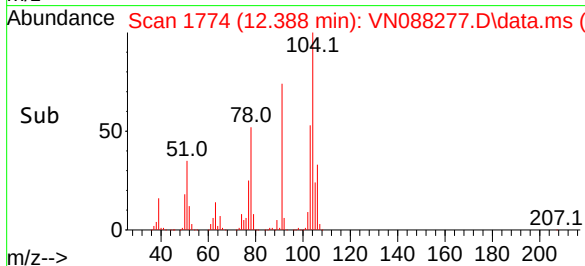
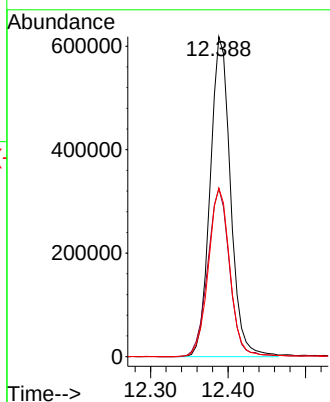
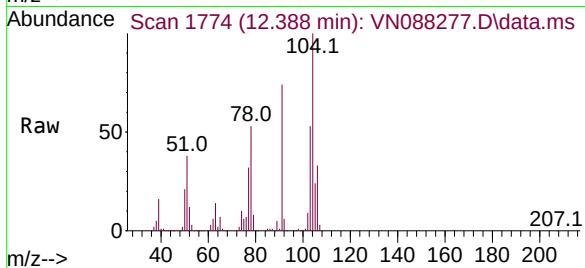
103 55.6 44.8 67.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#70

Isopropylbenzene

Concen: 103.375 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. -0.006 min

Lab File: VN088277.D

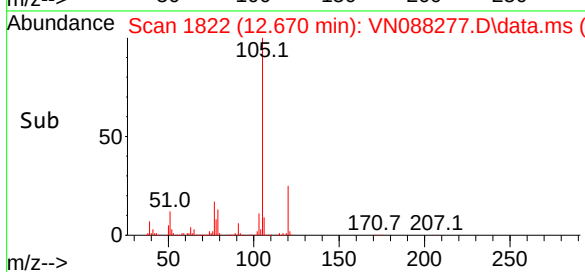
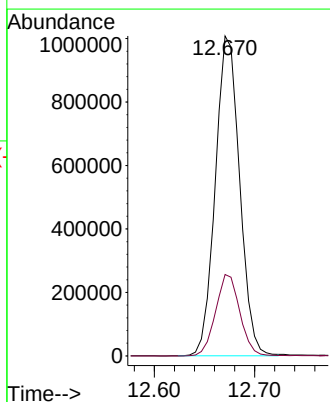
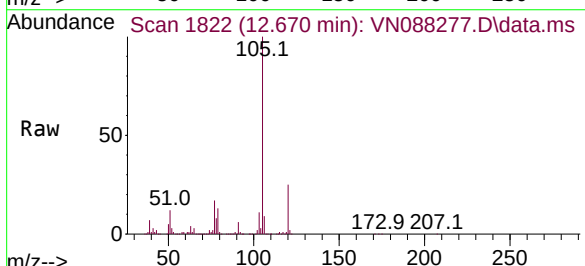
Acq: 13 Nov 2025 11:29

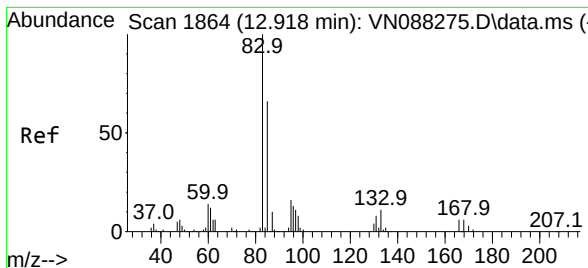
Tgt Ion:105 Resp: 1699976

Ion Ratio Lower Upper

105 100

120 25.4 18.2 33.8





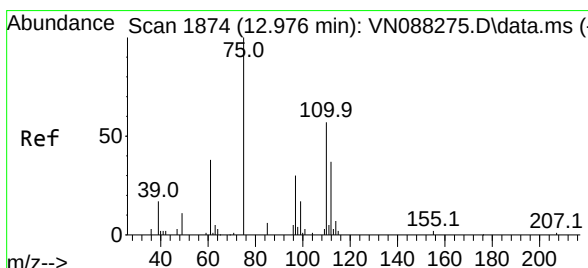
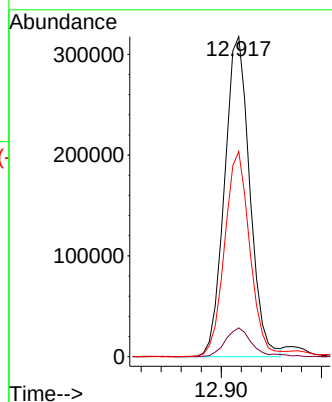
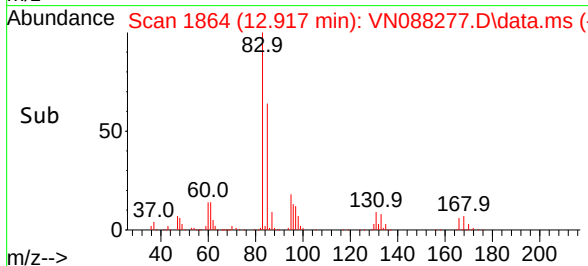
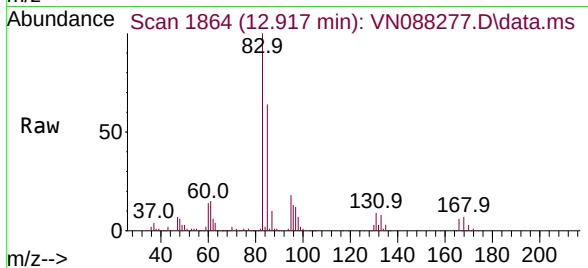
#71
1,1,2,2-Tetrachloroethane
Concen: 100.764 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 555412
Ion Ratio Lower Upper
83 100
131 8.9 4.3 12.9
85 64.2 32.4 97.2

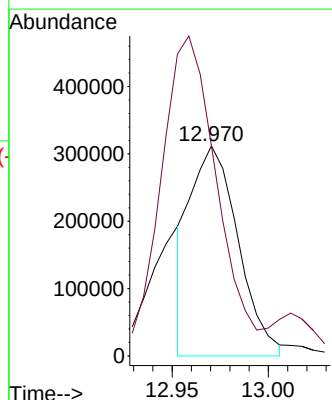
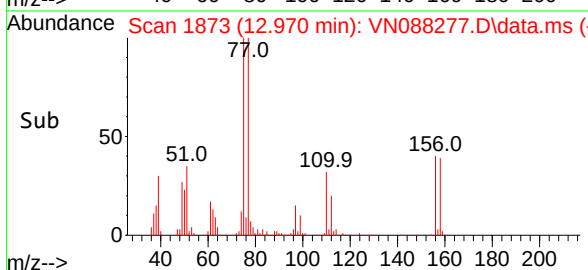
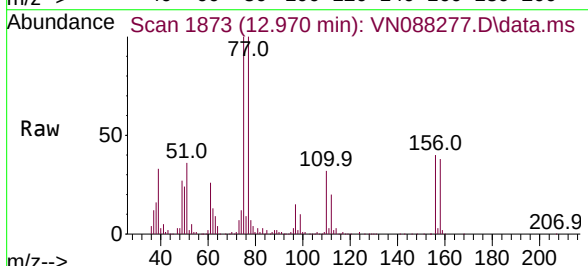
Manual Integrations
APPROVED

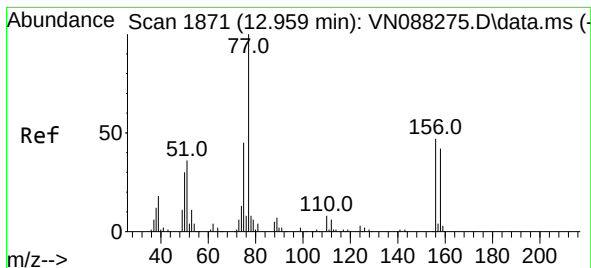
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#72
1,2,3-Trichloropropane
Concen: 105.401 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Tgt Ion: 75 Resp: 539279
Ion Ratio Lower Upper
75 100
77 178.1 0.0 386.6





#73

Bromobenzene

Concen: 99.102 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

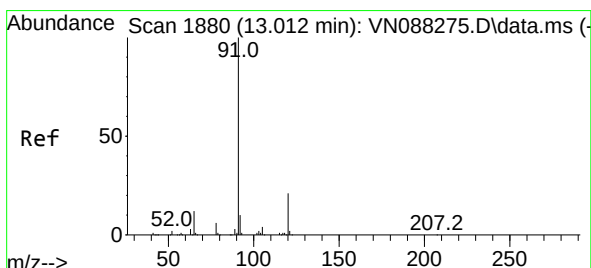
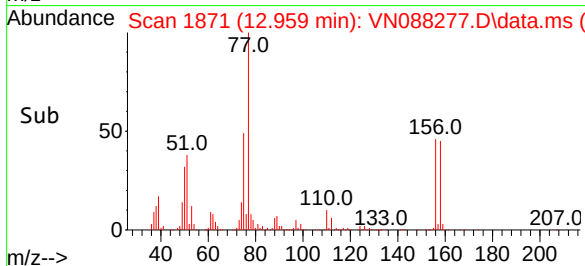
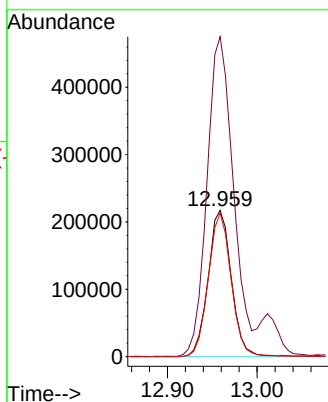
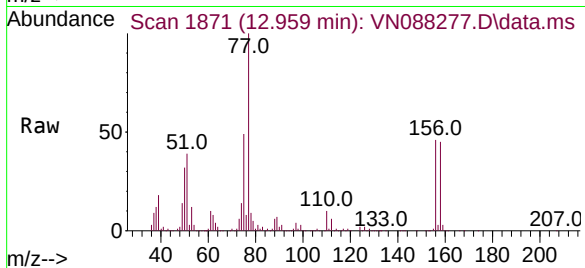
Tgt Ion:	156	Resp:	389362
Ion Ratio	Lower	Upper	
156	100		
77	246.7	0.0	493.4
158	96.6	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#74

n-propylbenzene

Concen: 104.799 ug/l

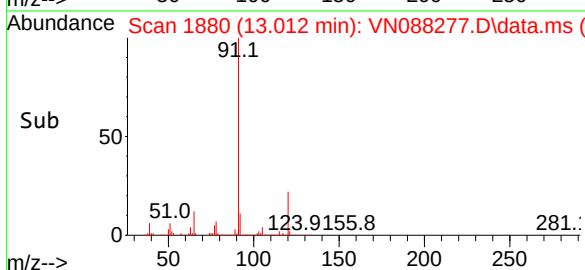
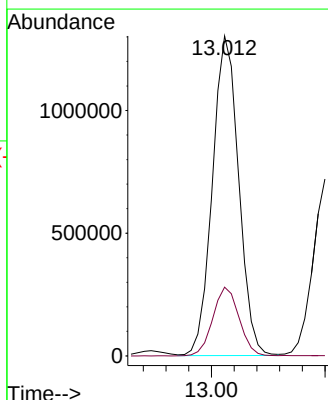
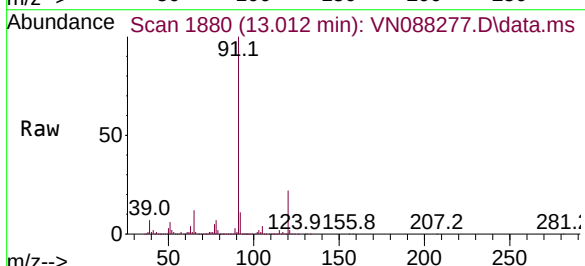
RT: 13.012 min Scan# 1880

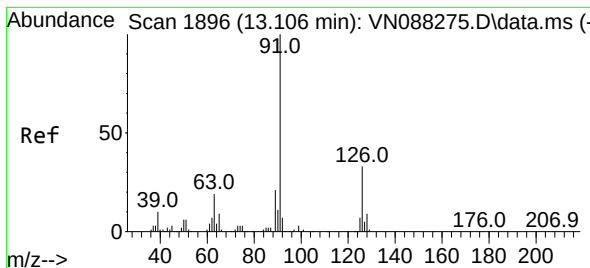
Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Tgt Ion:	91	Resp:	2093385
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	43.2





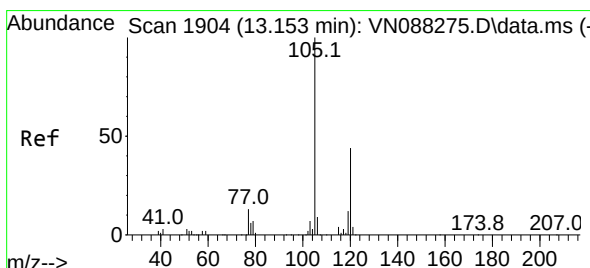
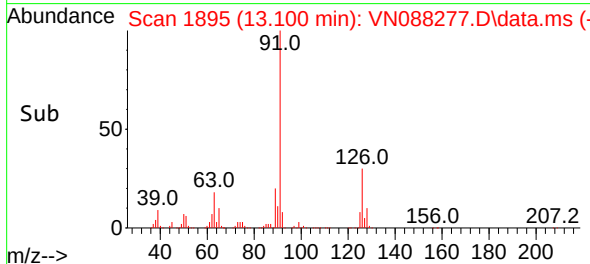
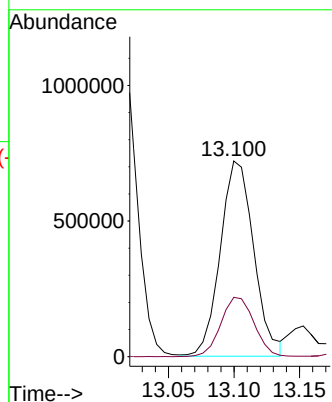
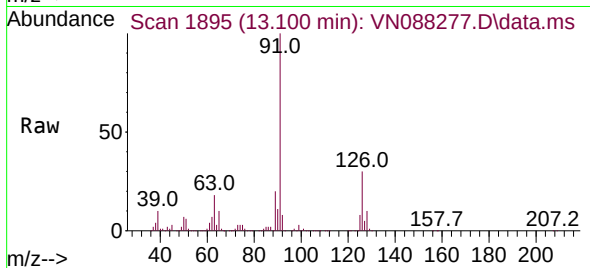
#75
2-Chlorotoluene
Concen: 105.317 ug/l
RT: 13.100 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1279663
Ion Ratio Lower Upper
91 100
126 30.2 0.0 62.0

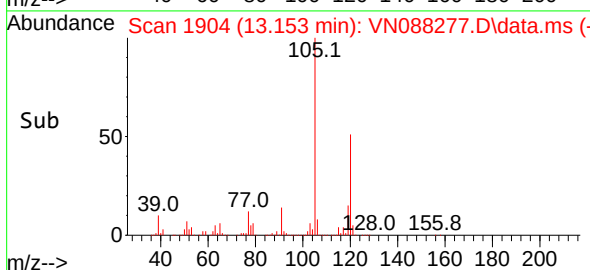
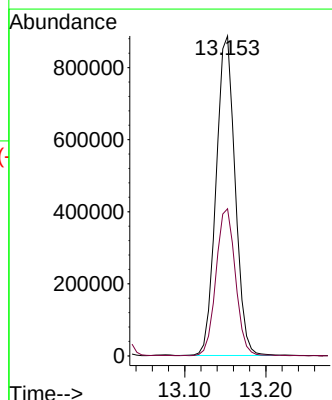
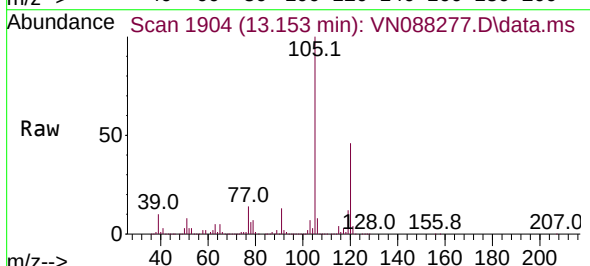
Manual Integrations
APPROVED

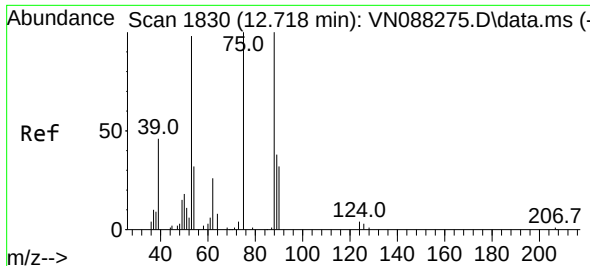
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#76
1,3,5-Trimethylbenzene
Concen: 103.538 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Tgt Ion:105 Resp: 1440376
Ion Ratio Lower Upper
105 100
120 46.8 0.0 94.6





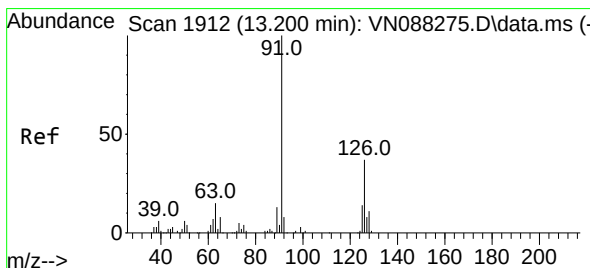
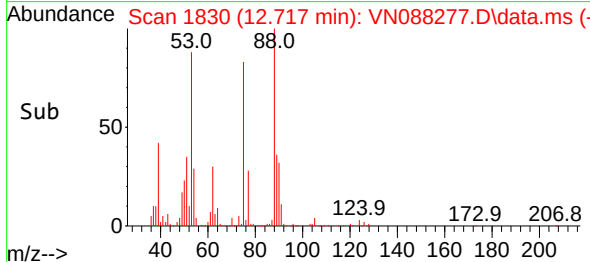
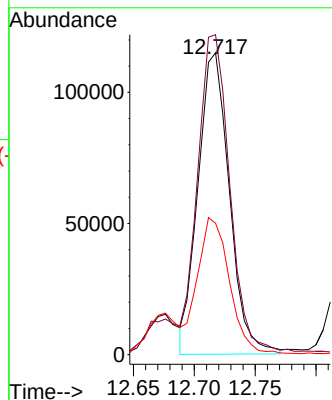
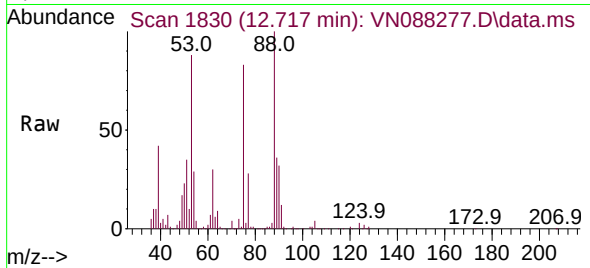
#77
t-1,4-Dichloro-2-butene
Concen: 102.530 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 206317
Ion Ratio Lower Upper
75 100
53 106.4 50.0 150.0
89 43.7 22.3 66.9

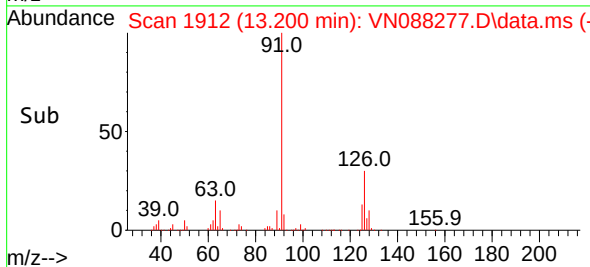
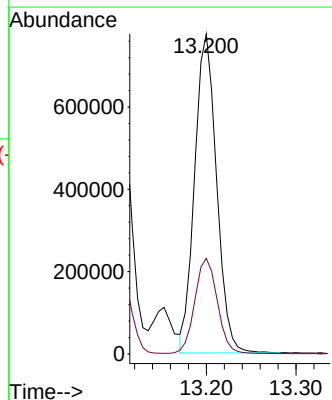
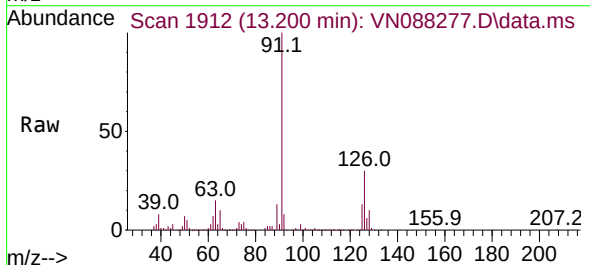
Manual Integrations
APPROVED

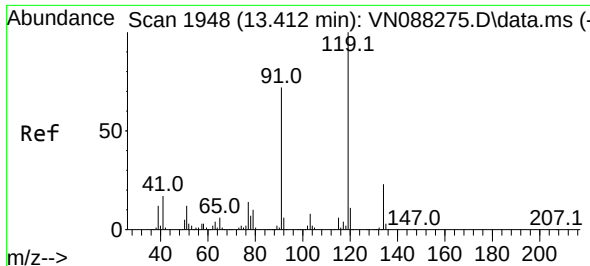
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#78
4-Chlorotoluene
Concen: 106.732 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

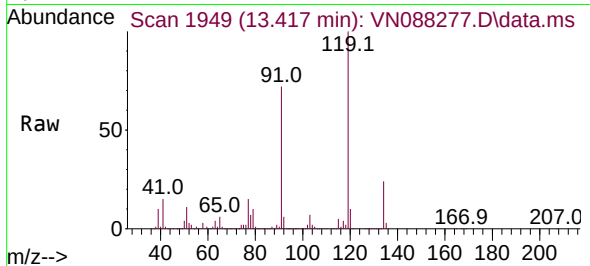
Tgt Ion: 91 Resp: 1317180
Ion Ratio Lower Upper
91 100
126 31.1 0.0 60.8





#79
tert-butylbenzene
Concen: 100.916 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

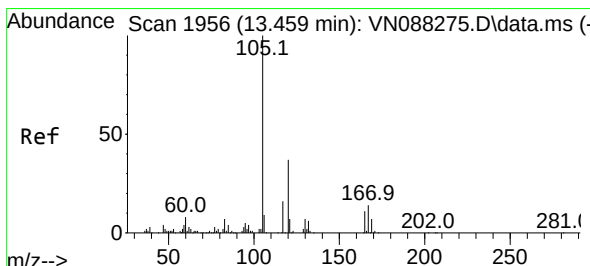
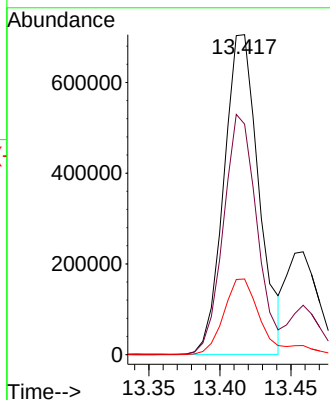
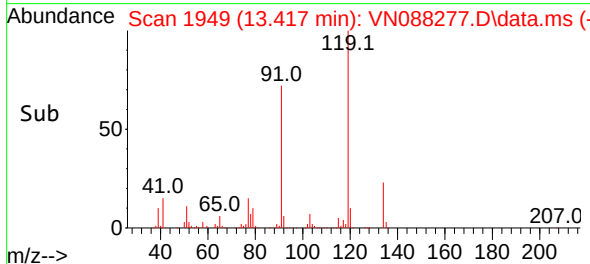
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



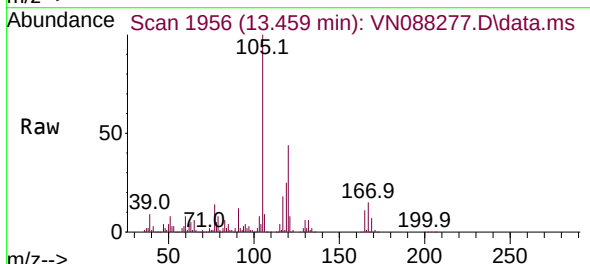
Tgt Ion:119 Resp: 1208602
Ion Ratio Lower Upper
119 100
91 71.8 0.0 140.8
134 23.9 0.0 48.4

Manual Integrations
APPROVED

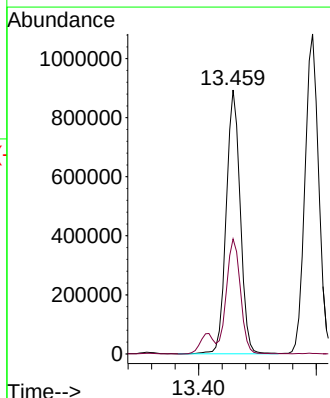
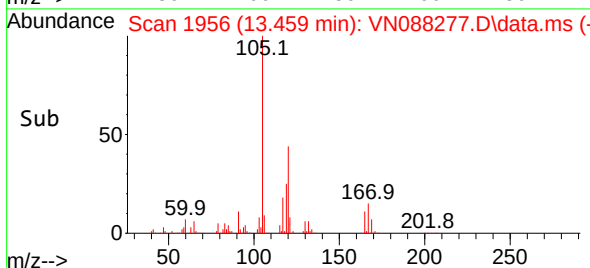
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

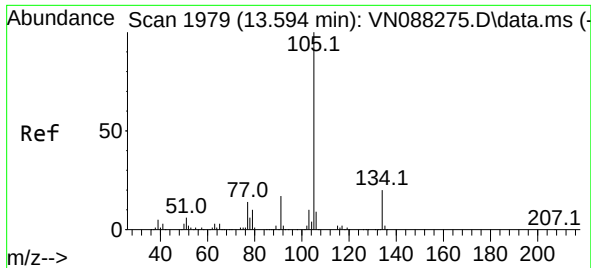


#80
1,2,4-Trimethylbenzene
Concen: 106.488 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29



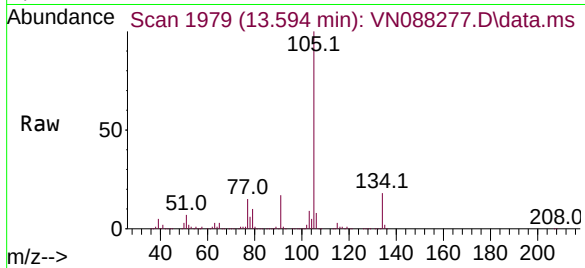
Tgt Ion:105 Resp: 1476053
Ion Ratio Lower Upper
105 100
120 43.6 0.0 89.2





#81
sec-Butylbenzene
Concen: 102.318 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

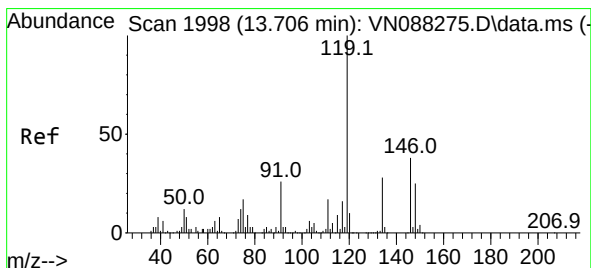
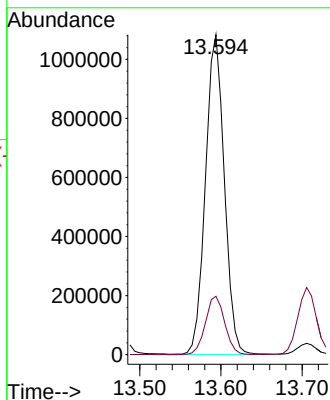
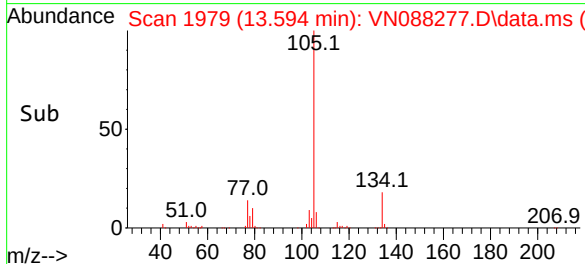
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



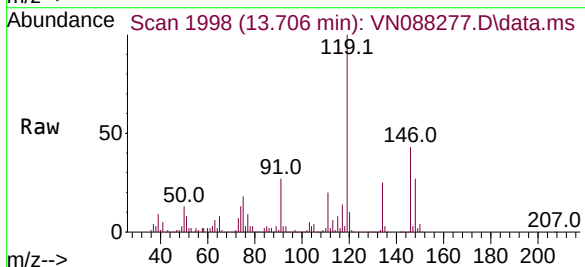
Tgt Ion:105 Resp: 1748566
Ion Ratio Lower Upper
105 100
134 18.7 0.0 38.4

Manual Integrations
APPROVED

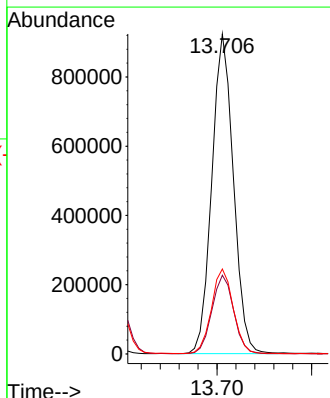
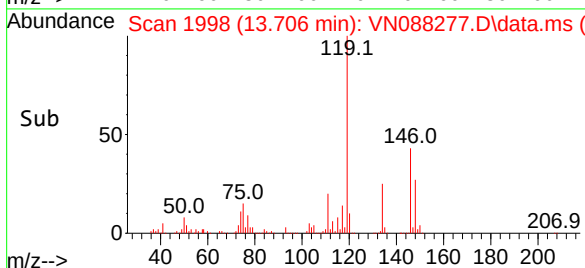
Reviewed By :John Carbone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

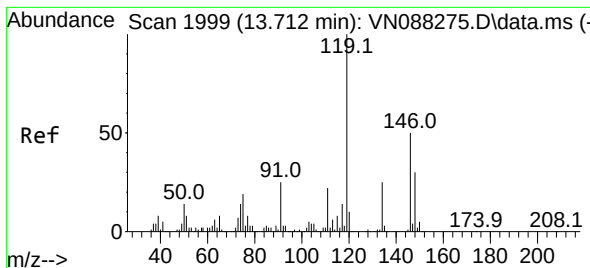


#82
p-Isopropyltoluene
Concen: 100.866 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29



Tgt Ion:119 Resp: 1459564
Ion Ratio Lower Upper
119 100
134 24.8 0.0 51.2
91 26.6 0.0 53.4





#83

1,3-Dichlorobenzene

Concen: 100.454 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

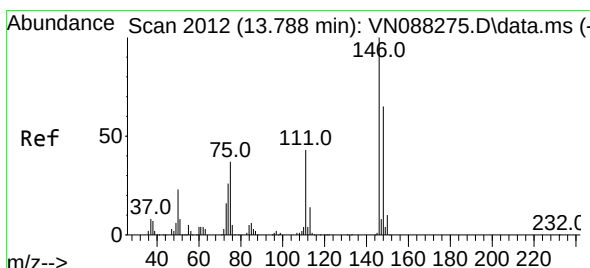
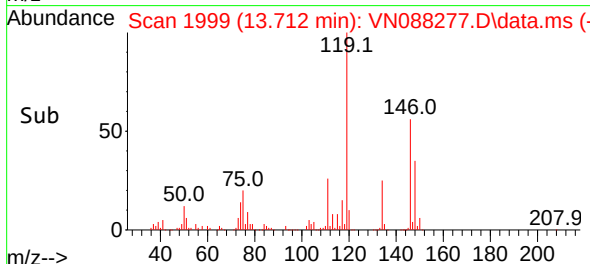
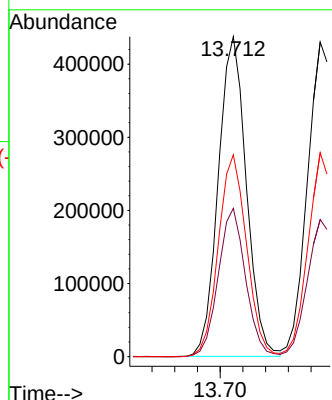
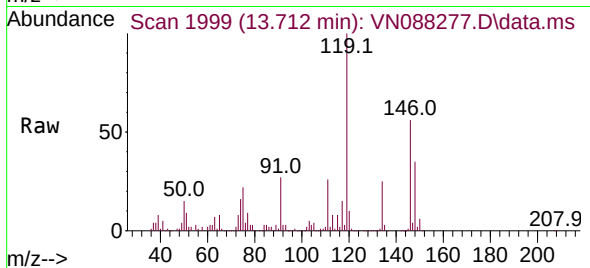
Tgt Ion:	146	Resp:	751195
Ion Ratio	Lower	Upper	
146	100		
111	45.1	22.1	66.5
148	63.5	31.4	94.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#84

1,4-Dichlorobenzene

Concen: 99.896 ug/l

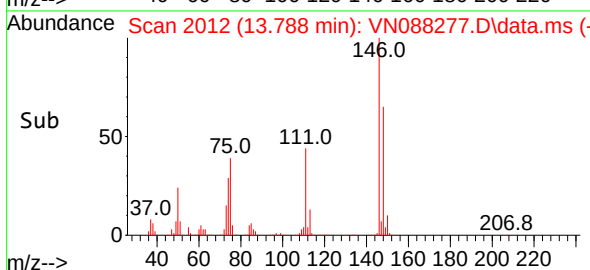
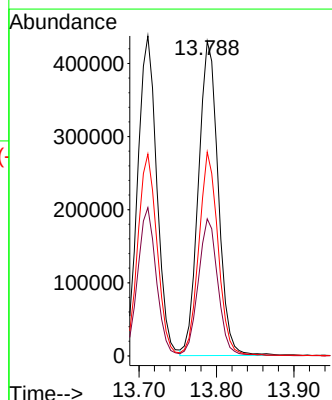
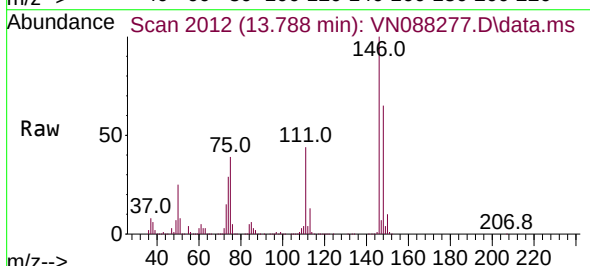
RT: 13.788 min Scan# 2012

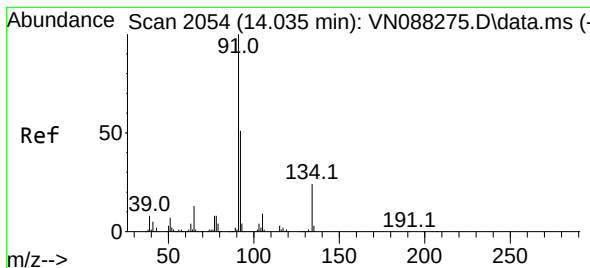
Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Tgt Ion:	146	Resp:	763171
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.8	65.3
148	63.1	31.9	95.5





#85

n-Butylbenzene

Concen: 102.763 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 1397544

Ion Ratio Lower Upper

91 100

92 53.0 0.0 102.4

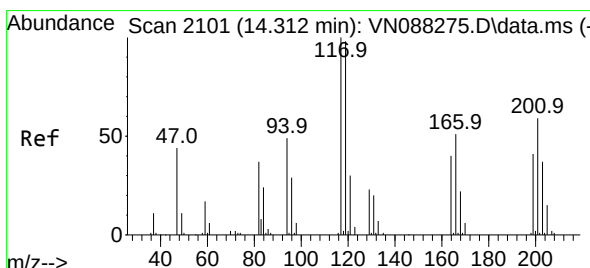
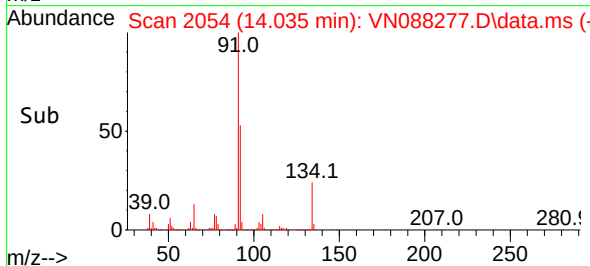
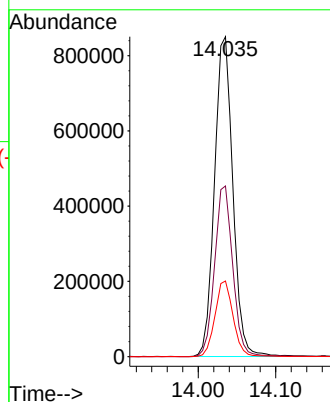
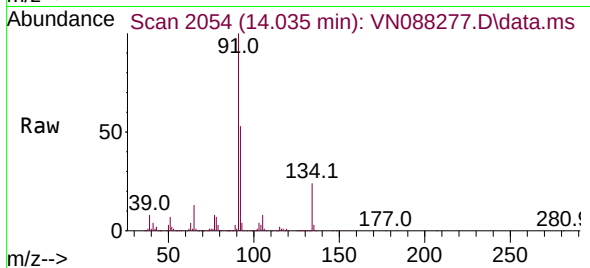
134 23.5 0.0 45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#86

Hexachloroethane

Concen: 97.175 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN088277.D

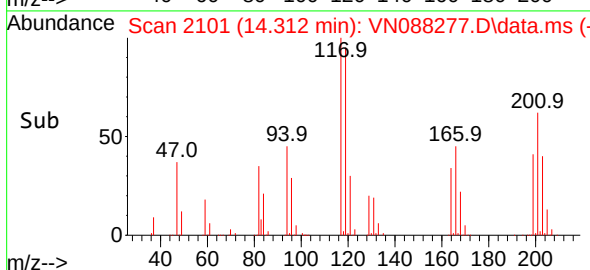
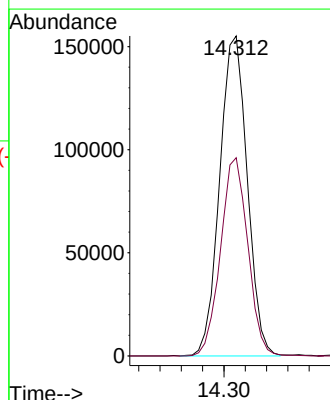
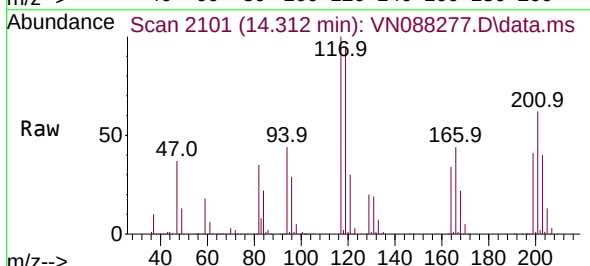
Acq: 13 Nov 2025 11:29

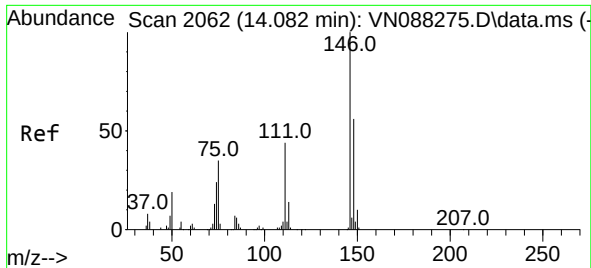
Tgt Ion:117 Resp: 278606

Ion Ratio Lower Upper

117 100

201 61.4 30.6 92.0





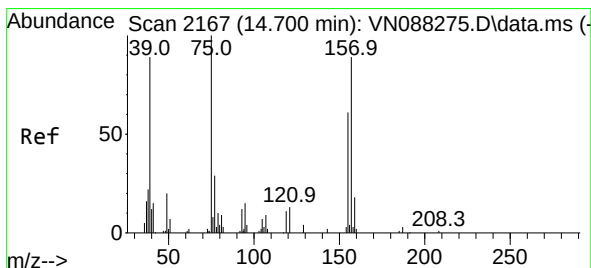
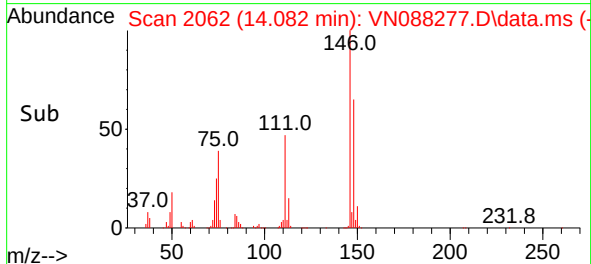
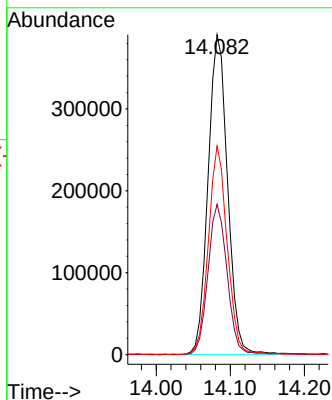
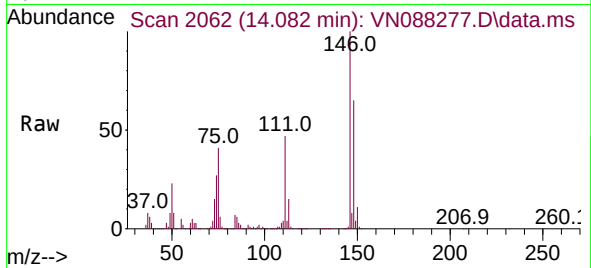
#87
1,2-Dichlorobenzene
Concen: 97.453 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 710660
Ion Ratio Lower Upper
146 100
111 45.9 23.0 69.0
148 63.3 31.1 93.2

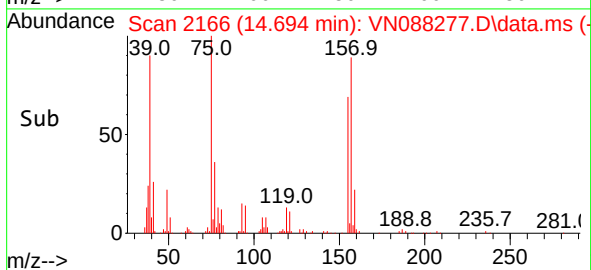
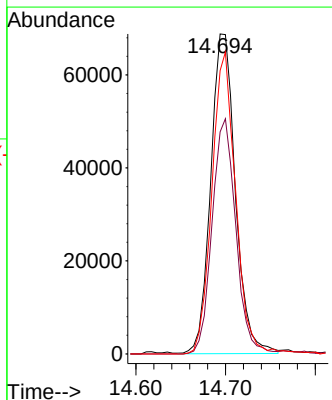
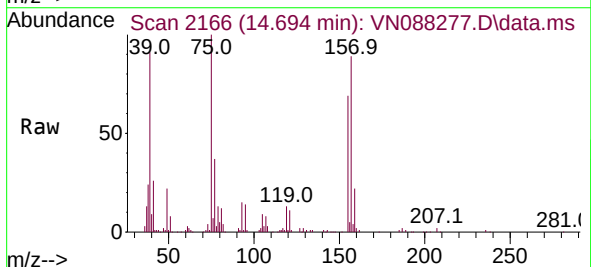
Manual Integrations
APPROVED

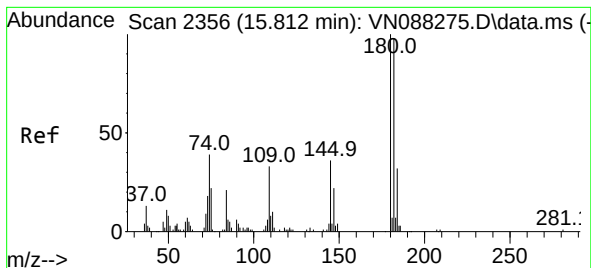
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 105.844 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

Tgt Ion: 75 Resp: 132109
Ion Ratio Lower Upper
75 100
155 70.6 54.8 82.2
157 90.1 70.7 106.1





#89

1,2,4-Trichlorobenzene

Concen: 94.051 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 40134

Ion Ratio Lower Upper

180 100

182 93.6 77.3 115.9

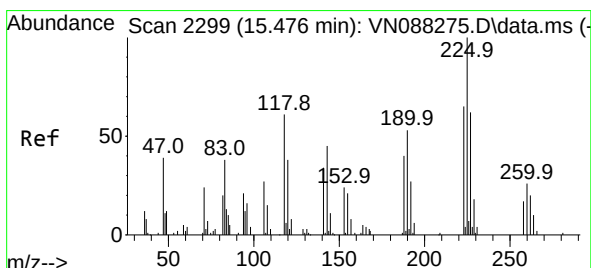
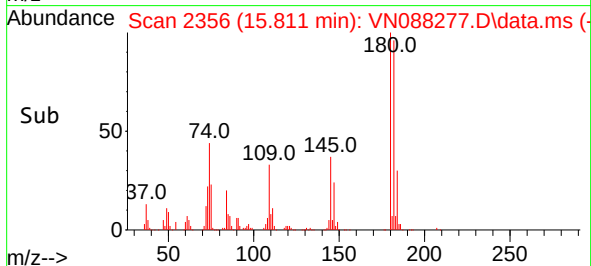
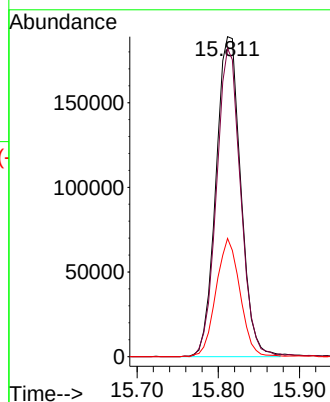
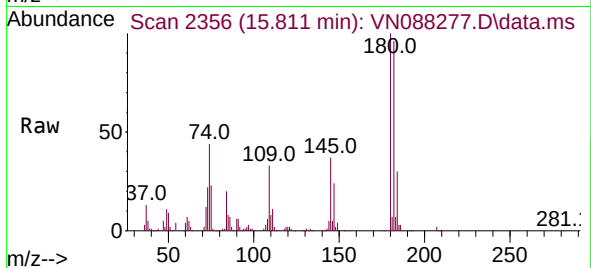
145 35.6 30.2 45.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#90

Hexachlorobutadiene

Concen: 91.164 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN088277.D

Acq: 13 Nov 2025 11:29

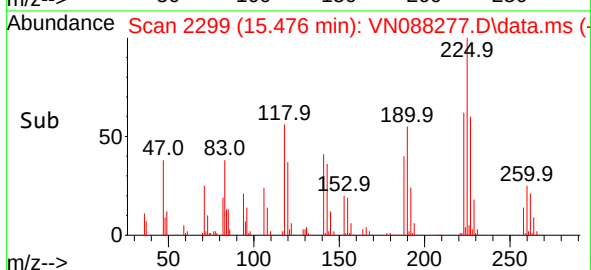
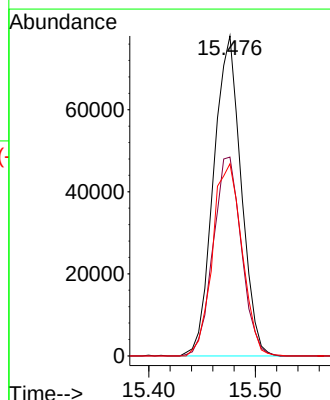
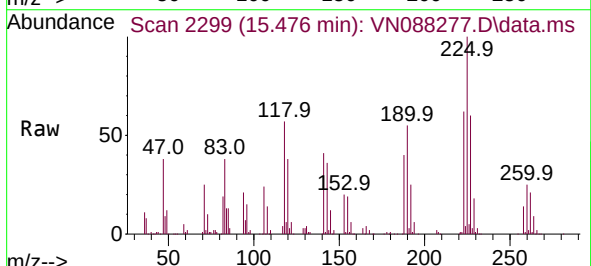
Tgt Ion:225 Resp: 140304

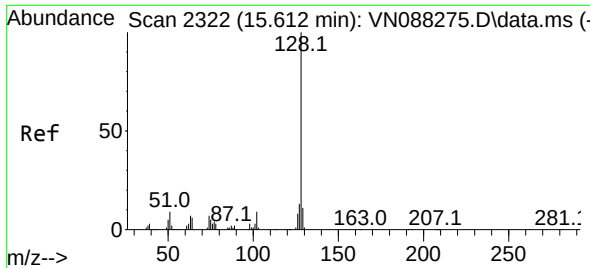
Ion Ratio Lower Upper

225 100

223 63.8 0.0 132.0

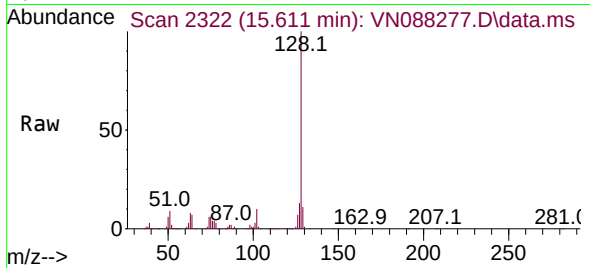
227 64.0 0.0 132.6





#91
Naphthalene
Concen: 96.642 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29

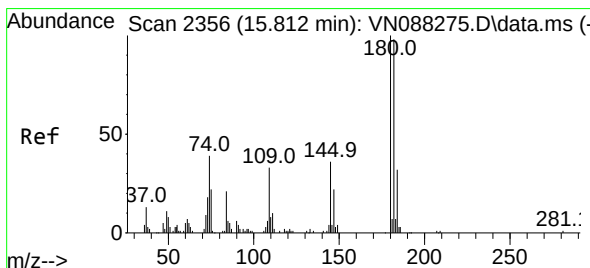
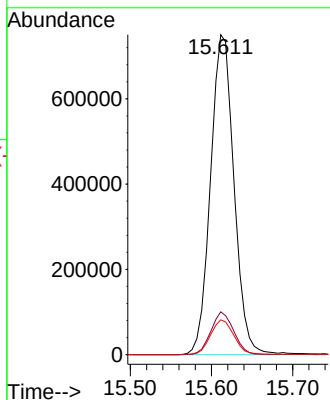
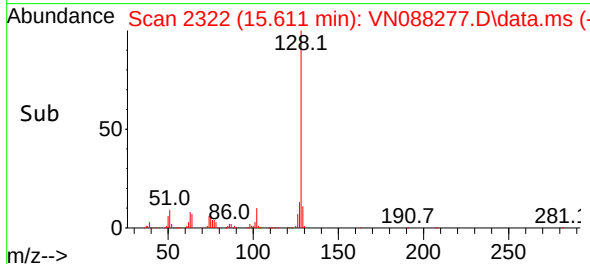
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



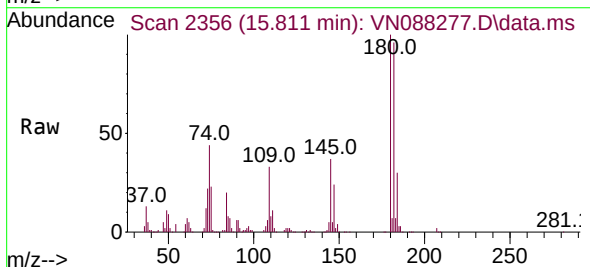
Tgt Ion:128 Resp: 1505179
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#92
1,2,3-Trichlorobenzene
Concen: 94.051 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088277.D
Acq: 13 Nov 2025 11:29



Tgt Ion:180 Resp: 401343
Ion Ratio Lower Upper
180 100
182 93.6 0.0 193.2
145 35.6 0.0 75.6

