

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112025\
 Data File : VN088318.D
 Acq On : 20 Nov 2025 09:49
 Operator : JC\MD
 Sample : VN1120WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2025
 Supervised By : Semsettin Yesilyurt 11/21/2025

Quant Time: Nov 21 02:55:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	59336	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	313817	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	285258	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	156645	28.901	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	96.333%		
60) 4-Bromofluorobenzene	12.829	95	140335	29.102	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.000%		
63) Toluene-d8	10.547	98	410443	30.392	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	91916	22.037	ug/l	91
3) Chloromethane	2.383	50	92240	21.449	ug/l	98
4) Vinyl Chloride	2.536	62	97237	21.384	ug/l	99
5) Bromomethane	2.983	94	53062	21.885	ug/l	86
6) Chloroethane	3.142	64	58511	20.817	ug/l	95
7) Trichlorofluoromethane	3.512	101	139360	21.860	ug/l	97
8) Diethyl Ether	3.959	74	45208	18.973	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.365	101	76902	22.994	ug/l	84
10) 1,1-Dichloroethene	4.342	96	69972	21.445	ug/l	91
11) Methyl Iodide	4.583	142	66977	19.289	ug/l	89
12) Methyl Acetate	5.018	43	100705	19.131	ug/l	90
13) Acrolein	4.177	56	102499	132.348	ug/l	95
14) Acrylonitrile	5.706	53	231265	96.688	ug/l	99
15) Acetone	4.424	58	67801	96.932	ug/l	97
16) Carbon Disulfide	4.706	76	233972	21.262	ug/l	99
17) Allyl chloride	5.012	41	125056	19.723	ug/l	98
18) Methylene Chloride	5.265	84	84071	20.730	ug/l	99
19) trans-1,2-Dichloroethene	5.783	96	80907m	21.294	ug/l	
20) Diisopropyl ether	6.653	45	276142	20.381	ug/l	99
21) 1,1-Dichloroethane	6.553	63	155685	20.395	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	90042	20.390	ug/l	95
23) tert-Butyl Alcohol	5.506	59	71601	81.410	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	255754	19.441	ug/l	99
25) Chloroform	7.947	83	157347	20.803	ug/l	100
26) Cyclohexane	8.235	56	132443	20.541	ug/l #	97
29) 1,1-Dichloropropene	8.353	75	110761	21.153	ug/l	99
30) 2-Butanone	7.465	43	322319	95.161	ug/l	100
31) 2,2-Dichloropropane	7.471	77	139482	21.597	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	137278	21.267	ug/l	96
33) Carbon Tetrachloride	8.341	117	120050	21.779	ug/l	97
34) Benzene	8.588	78	329140	21.029	ug/l	98
35) Methacrylonitrile	7.765	41	67777	19.184	ug/l	94
36) 1,2-Dichloroethane	8.647	62	123337	20.248	ug/l #	91
37) Trichloroethene	9.335	130	76881	21.676	ug/l	91
38) Methylcyclohexane	9.576	83	124809	20.791	ug/l	97
39) 1,2-Dichloropropane	9.600	63	86334	21.380	ug/l	91
40) Dibromomethane	9.688	93	59808	20.615	ug/l	96
41) Bromodichloromethane	9.865	83	125823	21.544	ug/l	94
42) Vinyl Acetate	6.588	43	1113408	98.490	ug/l	99

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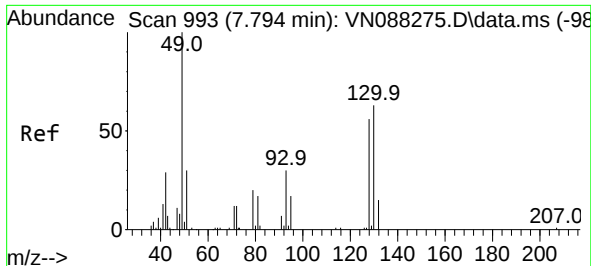
Manual Integrations
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 Supervised By : Semsettin Yesilyurt 11/21/2025

Quant Time: Nov 21 02:55:20 2025
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	134952	19.802	ug/l	97
44) Isopropyl Acetate	8.671	43	205399	19.557	ug/l	100
45) 1,4-Dioxane	9.676	88	23252	367.642	ug/l	98
46) Methyl methacrylate	9.659	41	95279	19.387	ug/l	93
47) n-amyl Acetate	12.535	43	94649m	17.784	ug/l	
48) t-1,3-Dichloropropene	10.818	75	124036	19.856	ug/l	95
49) cis-1,3-Dichloropropene	10.294	75	137078	21.090	ug/l	97
50) 1,1,2-Trichloroethane	10.994	97	76012	21.188	ug/l	96
51) Ethyl methacrylate	10.853	69	112814	19.114	ug/l	97
52) 1,3-Dichloropropane	11.141	76	133820	20.482	ug/l	100
53) Dibromochloromethane	11.335	129	88093	21.378	ug/l	100
54) 1,2-Dibromoethane	11.447	107	76209	20.445	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	308084	90.614	ug/l	99
56) Bromoform	12.559	173	53911	20.669	ug/l	99
58) 4-Methyl-2-Pentanone	10.423	43	649921	100.734	ug/l	99
59) 2-Hexanone	11.176	43	424810	99.158	ug/l	99
61) Tetrachloroethene	11.082	164	67056	22.800	ug/l	94
62) Toluene	10.606	91	344628	21.053	ug/l	99
64) Chlorobenzene	11.870	112	213258	21.035	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.941	131	73139	21.077	ug/l	97
66) Ethyl Benzene	11.941	91	373810	20.719	ug/l	97
67) m/p-Xylenes	12.047	106	278659	41.301	ug/l	99
68) o-Xylene	12.376	106	127302	20.001	ug/l	99
69) Styrene	12.388	104	218334	20.198	ug/l	98
70) Isopropylbenzene	12.670	105	348045	20.634	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	113576	20.787	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	111102m	20.990	ug/l	
73) Bromobenzene	12.959	156	81275	21.343	ug/l	93
74) n-propylbenzene	13.012	91	439519	21.056	ug/l	100
75) 2-Chlorotoluene	13.100	91	253473	19.970	ug/l	99
76) 1,3,5-Trimethylbenzene	13.147	105	293019	20.695	ug/l	100
77) t-1,4-Dichloro-2-butene	12.717	75	35527	19.545	ug/l	84
78) 4-Chlorotoluene	13.200	91	261153	20.303	ug/l	96
79) tert-butylbenzene	13.412	119	249424	20.576	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	291955	20.736	ug/l	99
81) sec-Butylbenzene	13.594	105	370417	20.950	ug/l	100
82) p-Isopropyltoluene	13.706	119	305244	20.893	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	156053	21.092	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	160164	21.376	ug/l	99
85) n-Butylbenzene	14.035	91	294695	21.165	ug/l	99
86) Hexachloroethane	14.306	117	60631	21.675	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	148376	21.247	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	24716	19.245	ug/l	98
89) 1,2,4-Trichlorobenzene	15.811	180	78572	20.050	ug/l	99
90) Hexachlorobutadiene	15.470	225	35705	23.461	ug/l	96
91) Naphthalene	15.611	128	273399	19.281	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	78572	20.050	ug/l	99

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



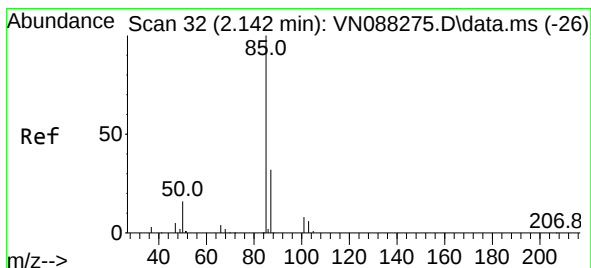
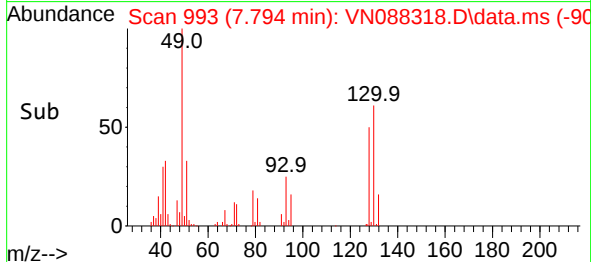
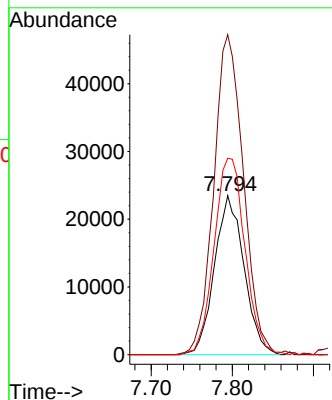
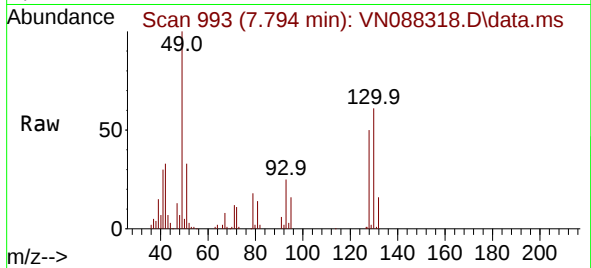
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Instrument :
MSVOA_N
Client Sample Id :
VN1120WBS01

Tgt Ion: 128 Resp: 59330
Ion Ratio Lower Upper
128 100
49 202.0 0.0 501.2
130 129.6 0.0 320.2

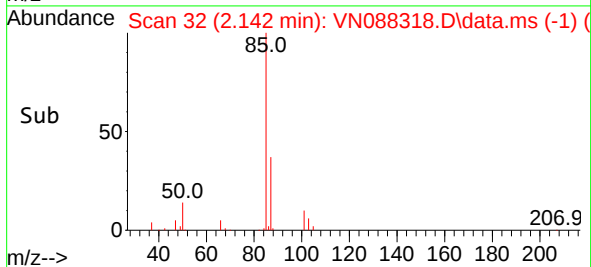
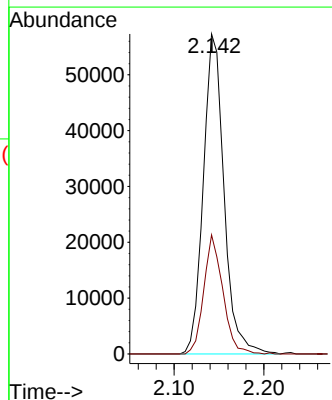
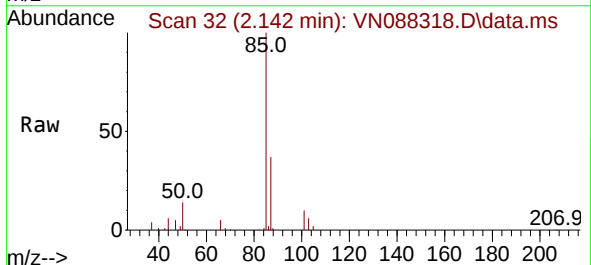
Manual Integrations
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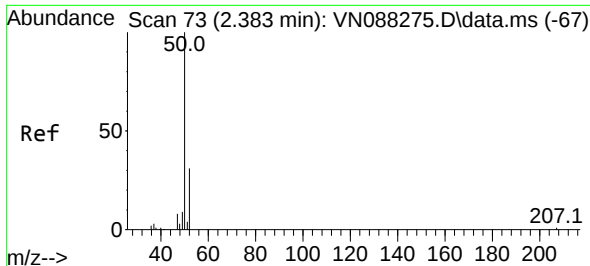
Reviewed By : John Carlone 11/21/2025
Supervised By : Semsettin Yesilyurt 11/21/2025



#2
Dichlorodifluoromethane
Concen: 22.037 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

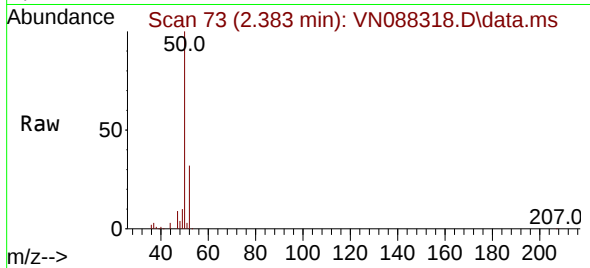
Tgt Ion: 85 Resp: 91916
Ion Ratio Lower Upper
85 100
87 37.2 16.0 48.0





#3
Chloromethane
Concen: 21.449 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

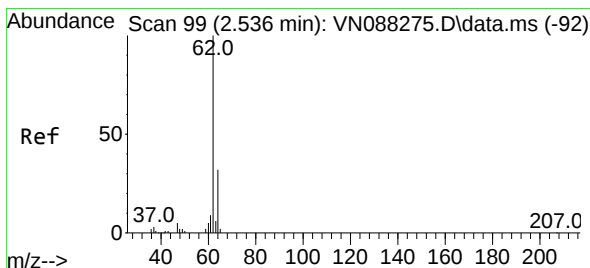
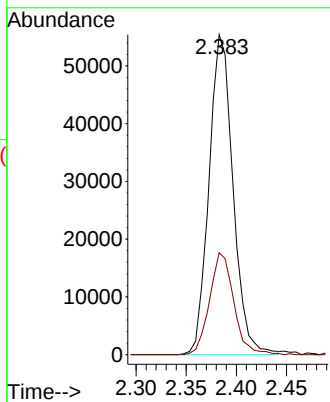
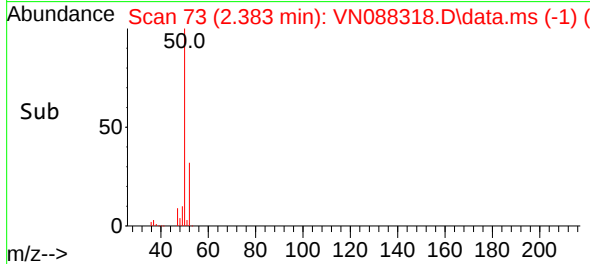
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



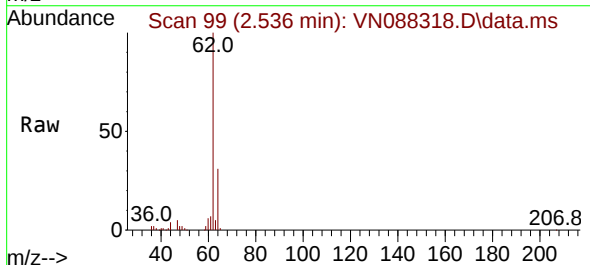
Tgt Ion: 50 Resp: 92240
Ion Ratio Lower Upper
50 100
52 31.9 24.6 36.8

Manual Integrations
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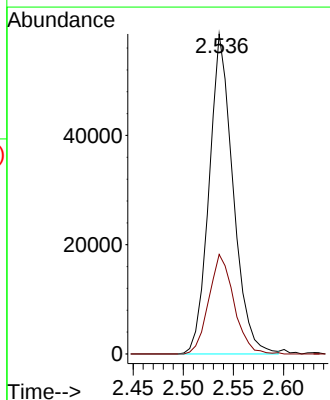
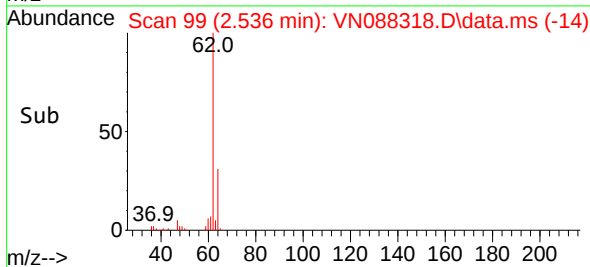
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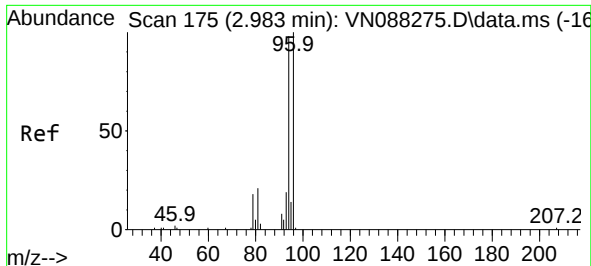


#4
Vinyl Chloride
Concen: 21.384 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



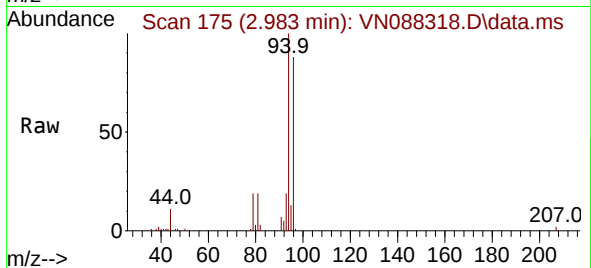
Tgt Ion: 62 Resp: 97237
Ion Ratio Lower Upper
62 100
64 31.1 25.4 38.2





#5
Bromomethane
Concen: 21.885 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

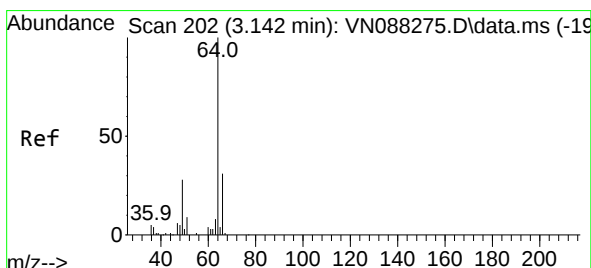
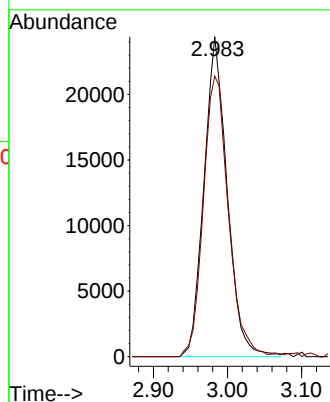
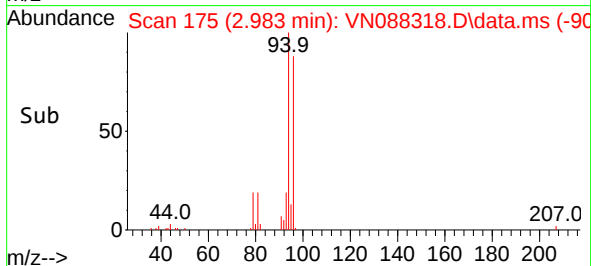
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



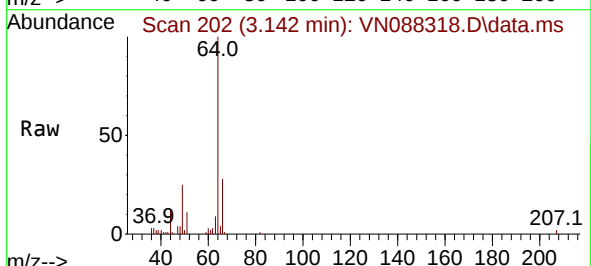
Tgt Ion: 94 Resp: 53062
Ion Ratio Lower Upper
94 100
96 87.7 81.3 121.9

Manual Integrations
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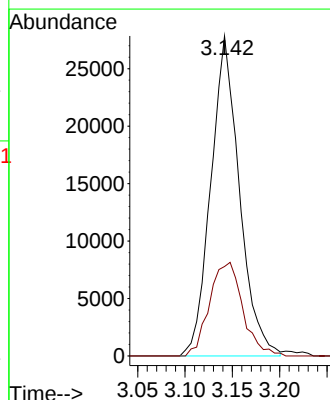
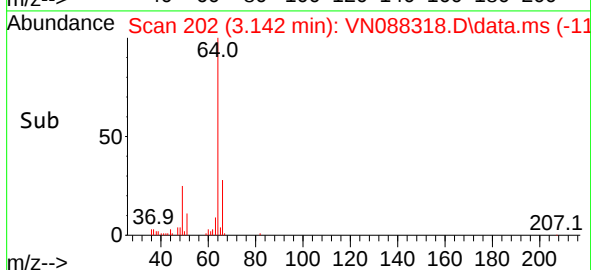
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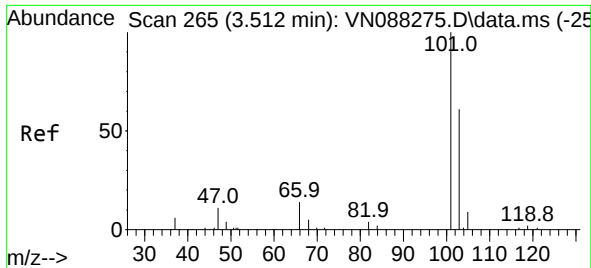


#6
Chloroethane
Concen: 20.817 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



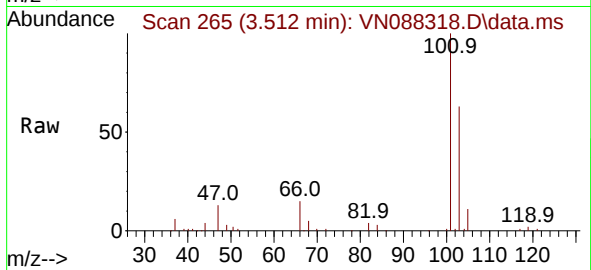
Tgt Ion: 64 Resp: 58511
Ion Ratio Lower Upper
64 100
66 28.0 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 21.860 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. -0.000 min
 Lab File: VN088318.D
 Acq: 20 Nov 2025 09:49

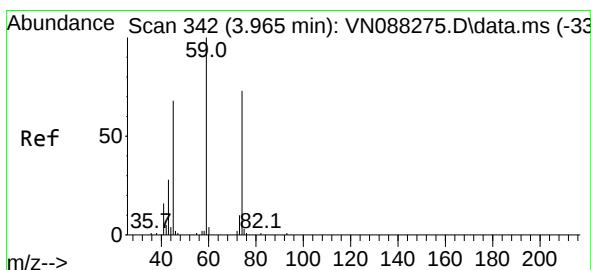
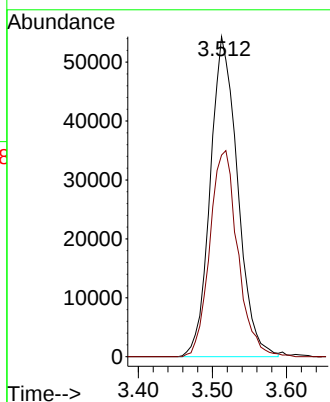
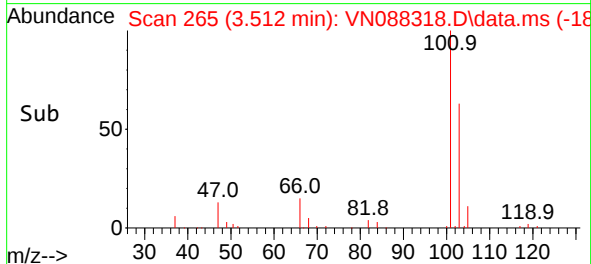
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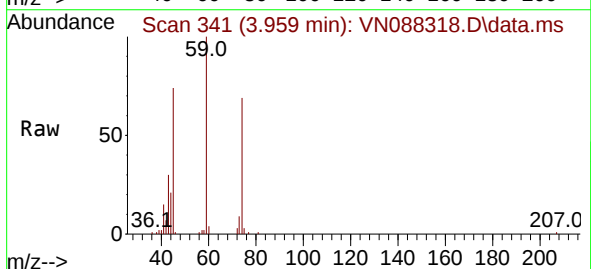
Tgt Ion:101 Resp: 139360
 Ion Ratio Lower Upper
 101 100
 103 63.0 48.6 73.0

Manual Integrations
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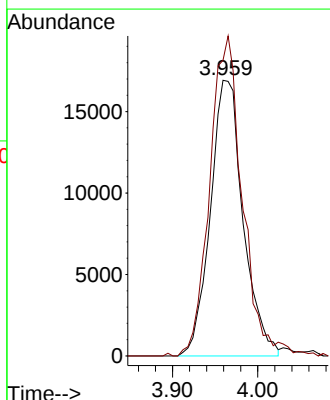
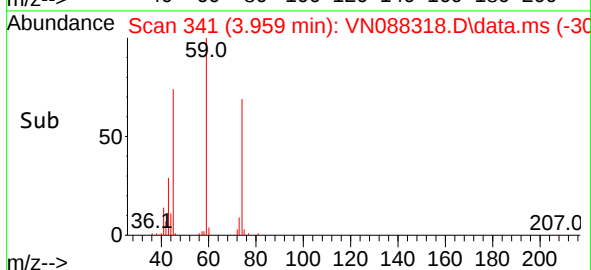
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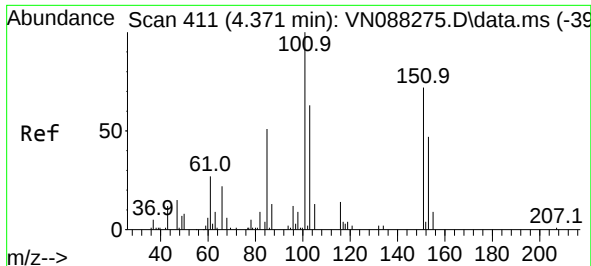


#8
 Diethyl Ether
 Concen: 18.973 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN088318.D
 Acq: 20 Nov 2025 09:49



Tgt Ion: 74 Resp: 45208
 Ion Ratio Lower Upper
 74 100
 45 113.0 20.9 187.7





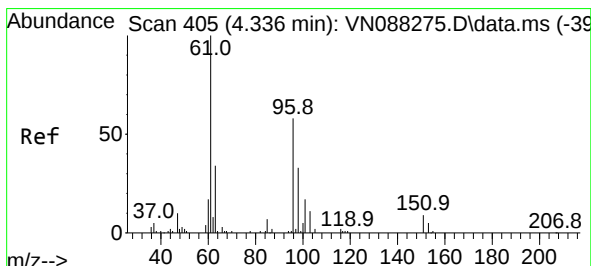
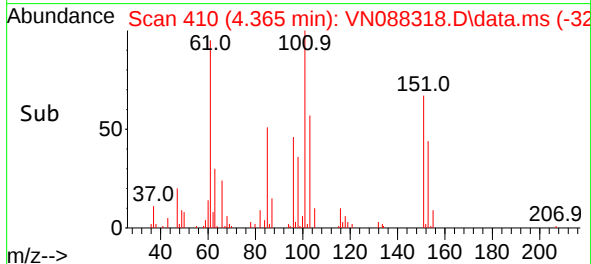
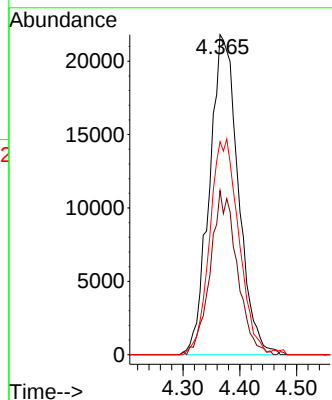
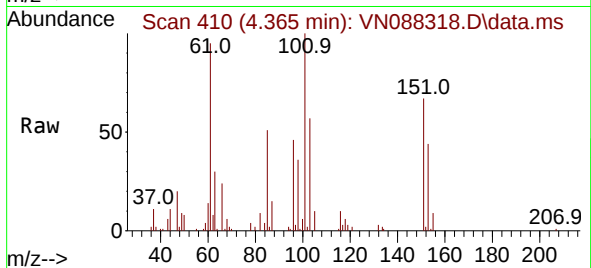
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1,1,2-Trichlorotrifluoroethane
Concen: 22.994 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN088318.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01

Tgt Ion: 101 Resp: 7690
Ion Ratio Lower Upper
101 100
85 25.0 0.0 100.8
151 67.8 0.0 138.4

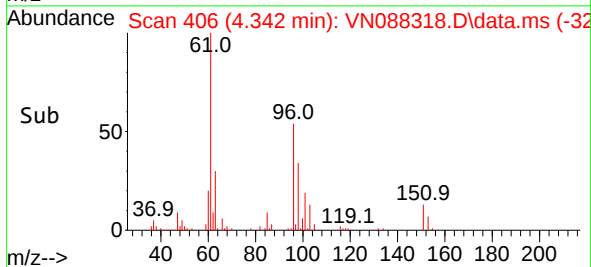
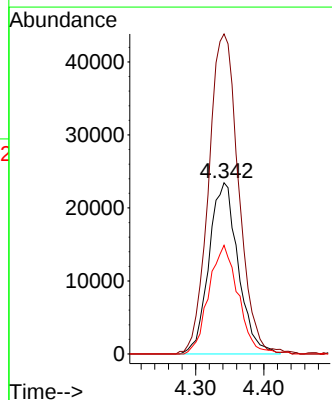
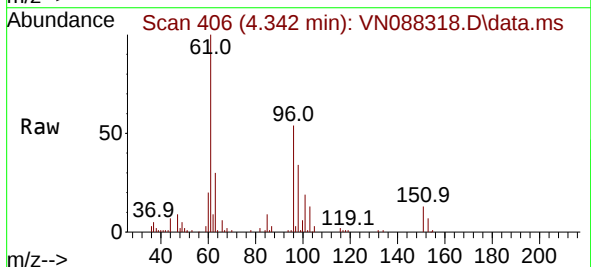
Manual Integrations
APPROVED

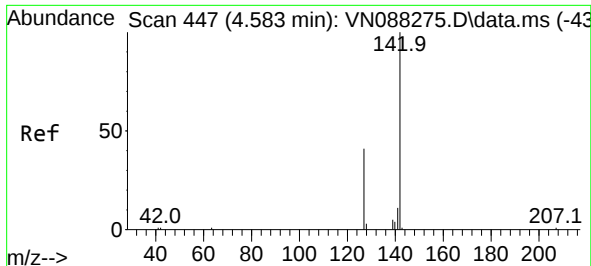
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#10
1,1-Dichloroethene
Concen: 21.445 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

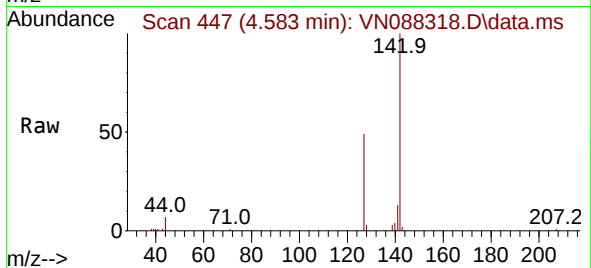
Tgt Ion: 96 Resp: 69972
Ion Ratio Lower Upper
96 100
61 185.4 137.8 206.8
98 63.4 45.6 68.4





#11
Methyl Iodide
Concen: 19.289 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

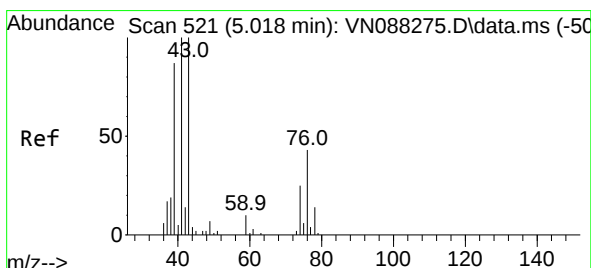
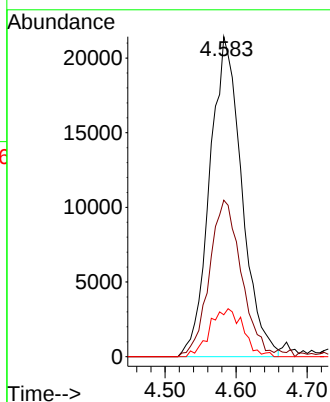
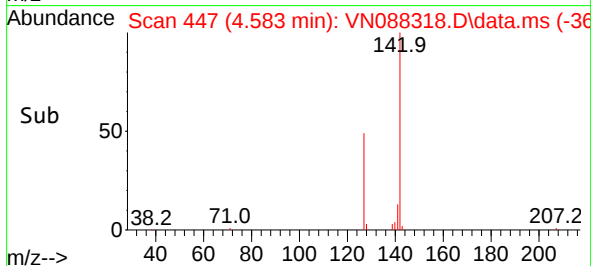
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



Tgt Ion:142 Resp: 6697
Ion Ratio Lower Upper
142 100
127 48.3 20.4 61.2
141 13.2 5.6 16.8

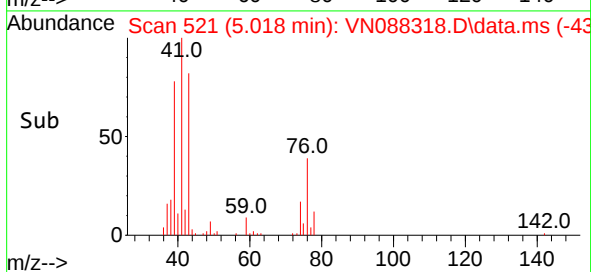
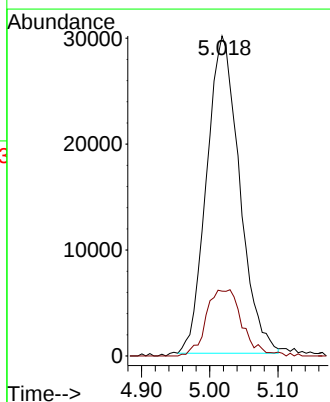
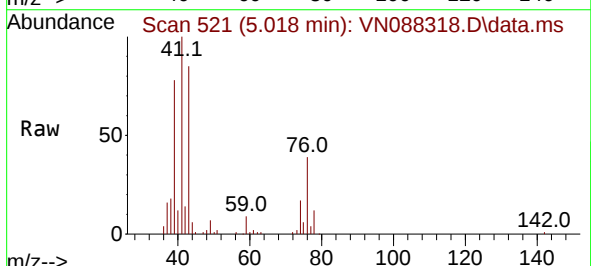
Manual Integrations
APPROVED

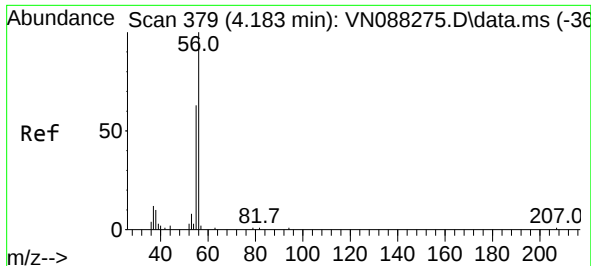
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#12
Methyl Acetate
Concen: 19.131 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

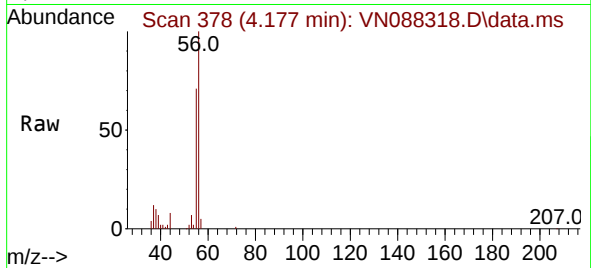
Tgt Ion: 43 Resp: 100705
Ion Ratio Lower Upper
43 100
74 20.0 19.8 29.8





#13
Acrolein
Concen: 132.348 ug/l
RT: 4.177 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

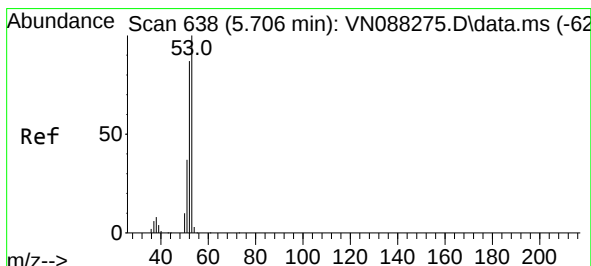
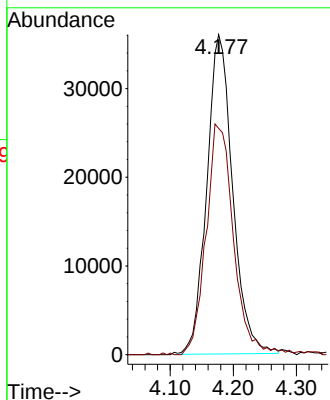
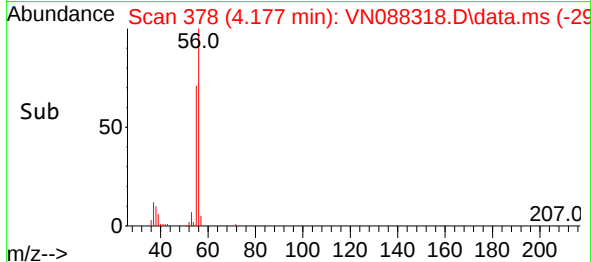
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



Tgt Ion: 56 Resp: 102499
Ion Ratio Lower Upper
56 100
55 76.5 57.9 86.9

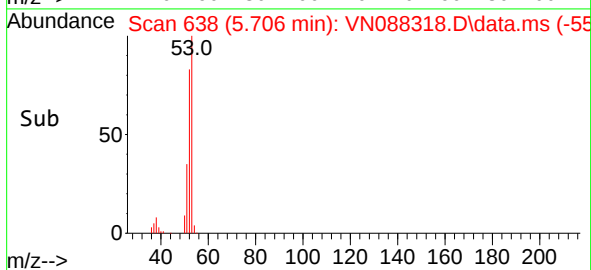
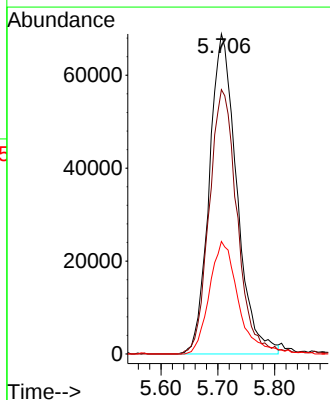
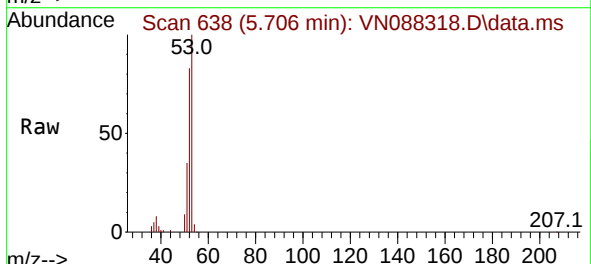
Manual Integrations
APPROVED

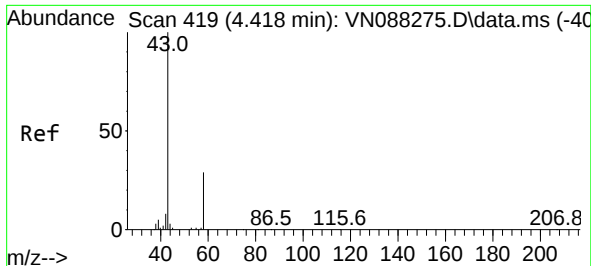
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#14
Acrylonitrile
Concen: 96.688 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Tgt Ion: 53 Resp: 231265
Ion Ratio Lower Upper
53 100
52 83.0 42.3 126.9
51 36.9 18.4 55.2





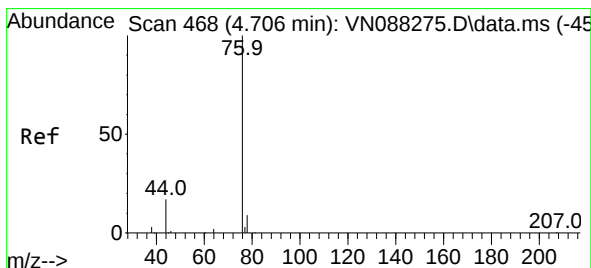
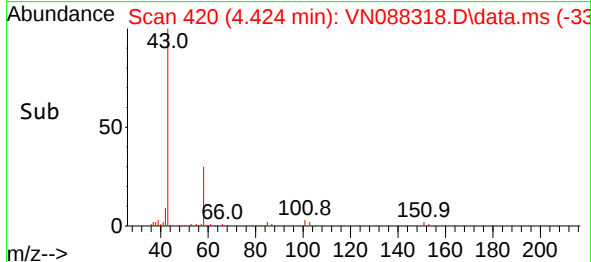
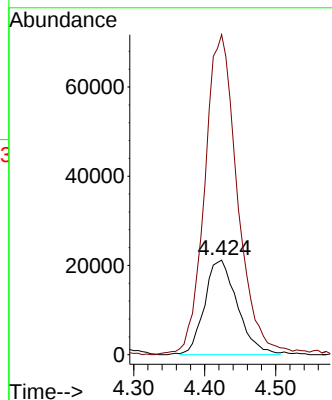
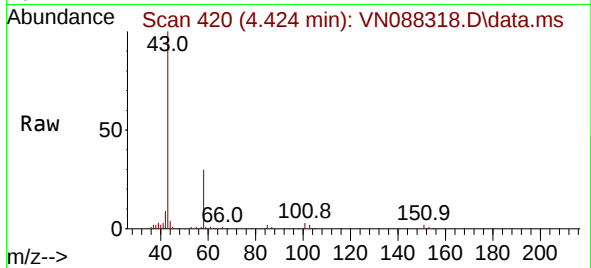
#15
Acetone
Concen: 96.932 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01

Tgt Ion: 58 Resp: 6780
Ion Ratio Lower Upper
58 100
43 335.3 273.9 410.9

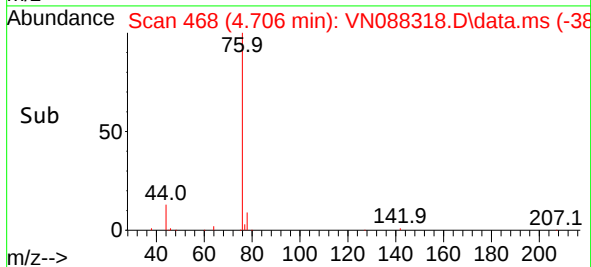
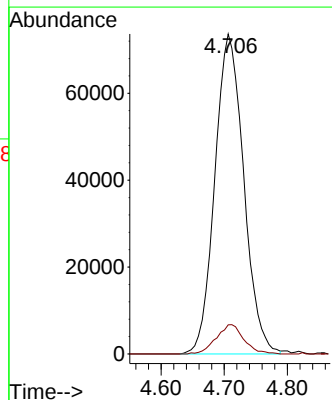
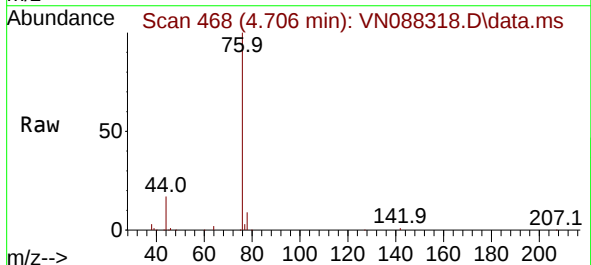
Manual Integrations
APPROVED

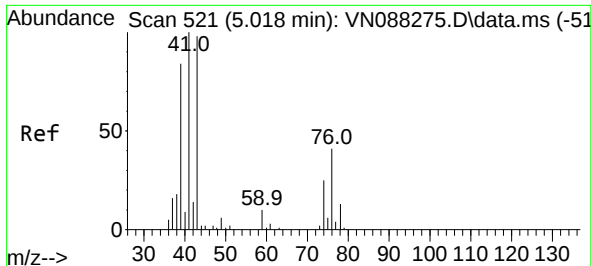
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#16
Carbon Disulfide
Concen: 21.262 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Tgt Ion: 76 Resp: 233972
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





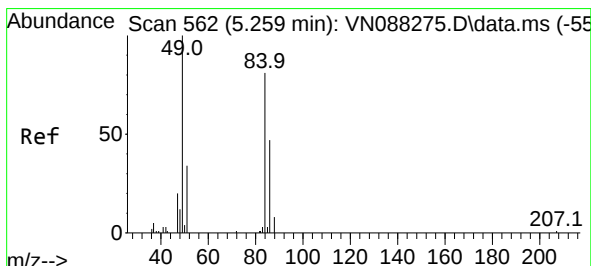
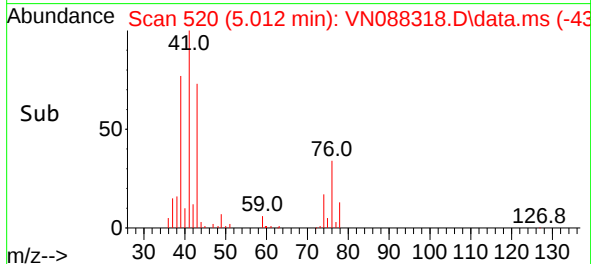
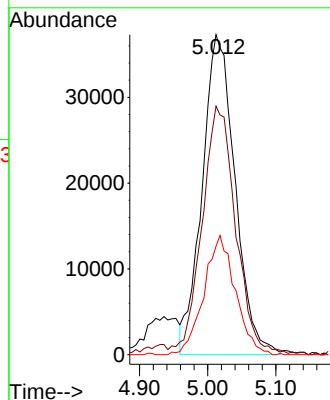
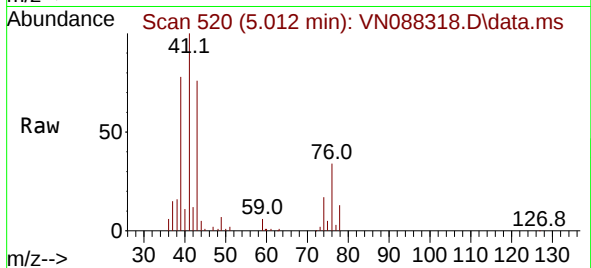
#17
 Allyl chloride
 Concen: 19.723 ug/l
 RT: 5.012 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN088318.D
 Acq: 20 Nov 2025 09:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBS01

Tgt Ion: 41 Resp: 125056
 Ion Ratio Lower Upper
 41 100
 39 76.9 38.3 114.9
 76 33.8 18.5 55.5

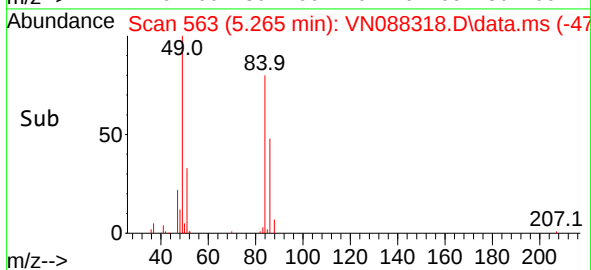
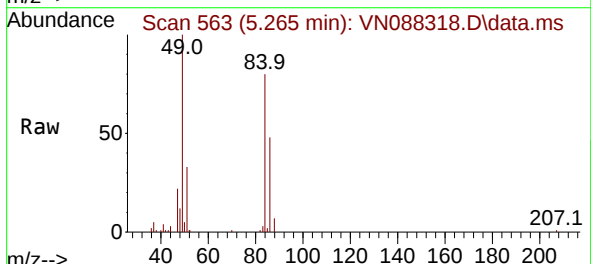
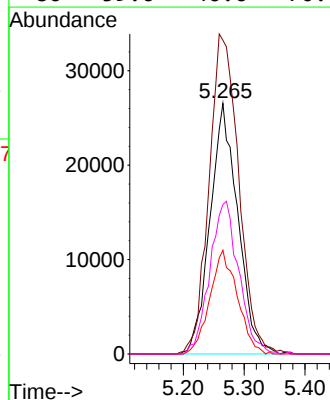
Manual Integrations
 APPROVED

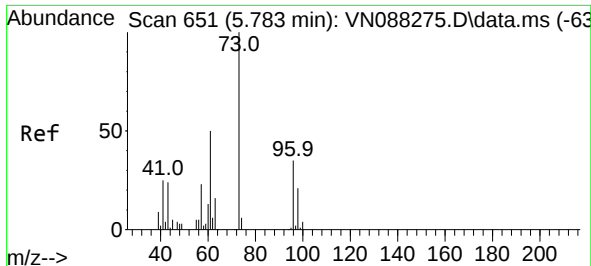
Reviewed By :John Carlone 11/21/2025
 Supervised By :Semsettin Yesilyurt 11/21/2025



#18
 Methylene Chloride
 Concen: 20.730 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: VN088318.D
 Acq: 20 Nov 2025 09:49

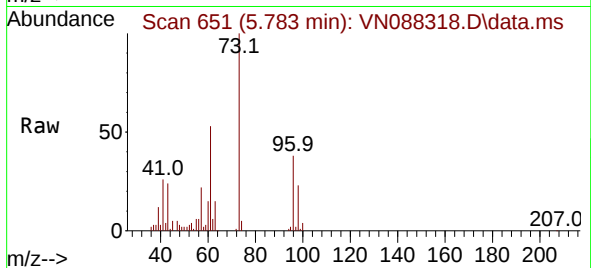
Tgt Ion: 84 Resp: 84071
 Ion Ratio Lower Upper
 84 100
 49 124.5 98.7 148.1
 51 41.4 33.7 50.5
 86 59.6 46.6 70.0





#19
trans-1,2-Dichloroethene
Concen: 21.294 ug/l m
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

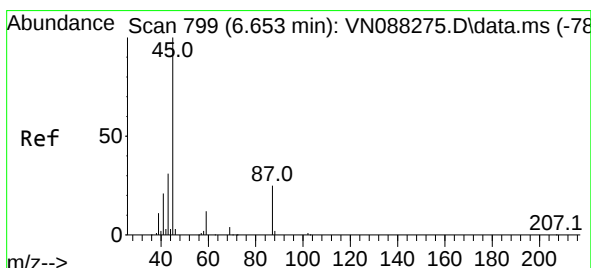
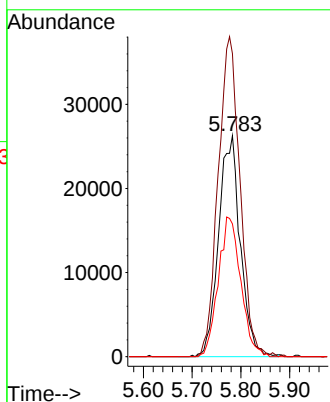
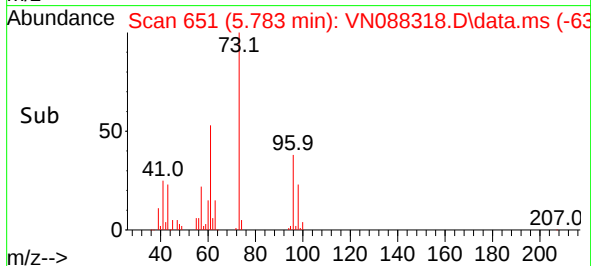
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



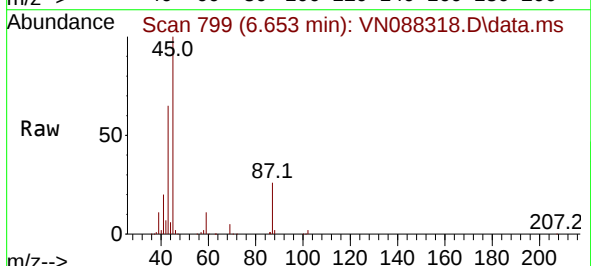
Tgt Ion: 96 Resp: 8090
Ion Ratio Lower Upper
96 100
61 137.1 117.0 175.4
98 60.1 48.6 72.8

Manual Integrations
APPROVED

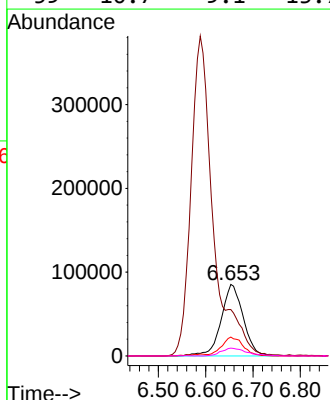
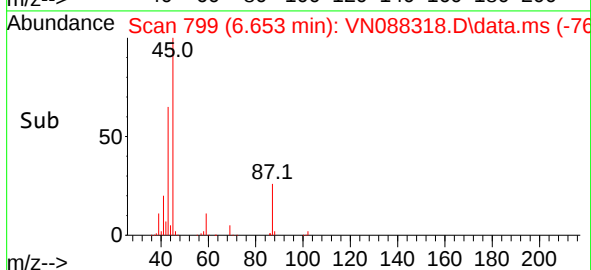
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

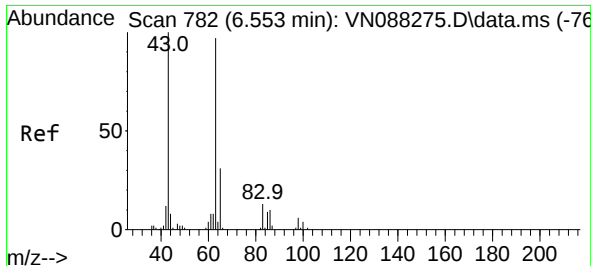


#20
Diisopropyl ether
Concen: 20.381 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



Tgt Ion: 45 Resp: 276142
Ion Ratio Lower Upper
45 100
43 63.4 51.9 77.9
87 26.3 21.1 31.7
59 10.7 9.1 13.7





#21

1,1-Dichloroethane

Concen: 20.395 ug/l

RT: 6.553 min Scan# 782

Delta R.T. -0.000 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBS01

Tgt Ion: 63 Resp: 15568

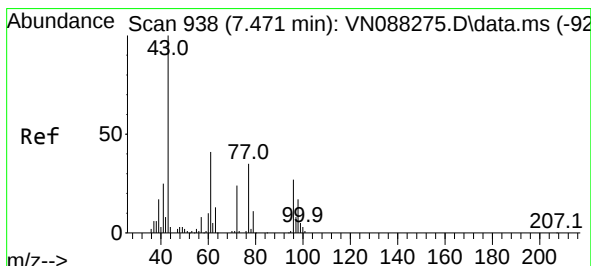
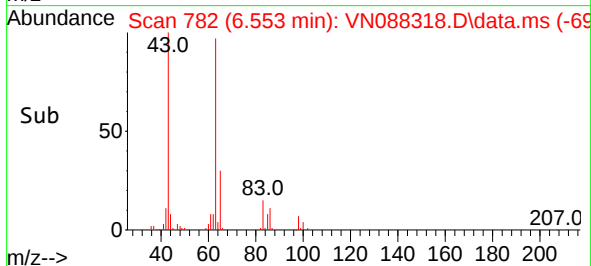
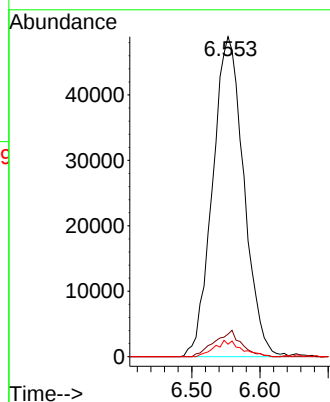
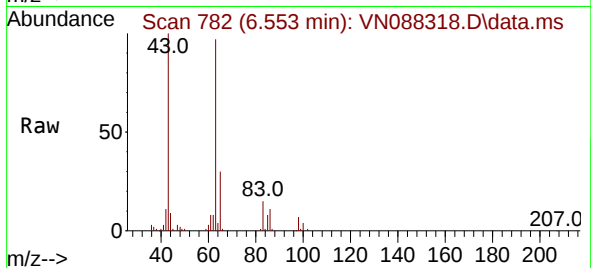
Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.0	9.0
100	3.9	2.1	6.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#22

cis-1,2-Dichloroethene

Concen: 20.390 ug/l

RT: 7.471 min Scan# 938

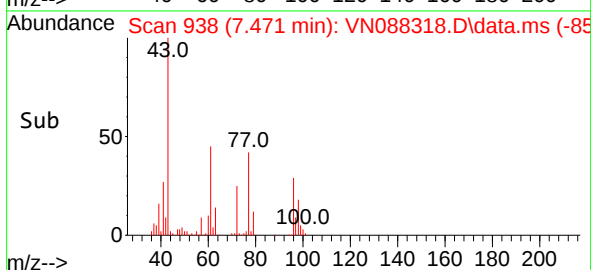
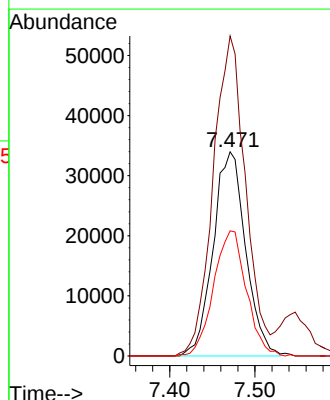
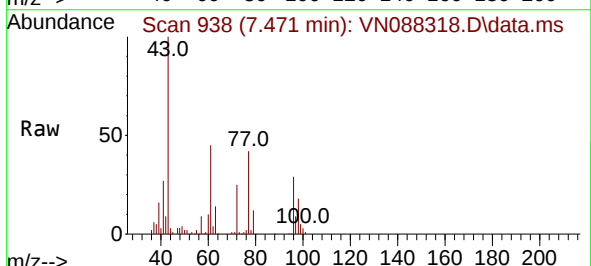
Delta R.T. -0.000 min

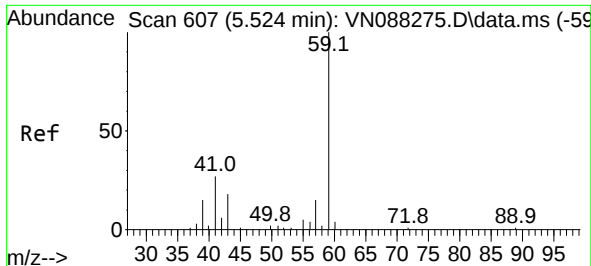
Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

Tgt Ion: 96 Resp: 90042

Ion	Ratio	Lower	Upper
96	100		
61	155.9	131.2	196.8
98	61.7	51.0	76.4





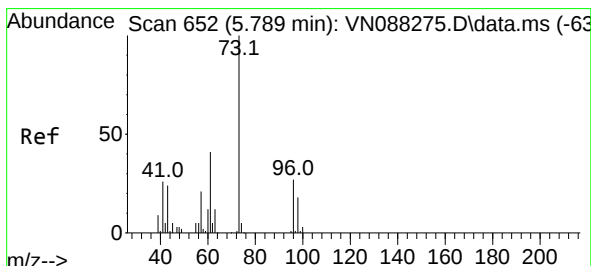
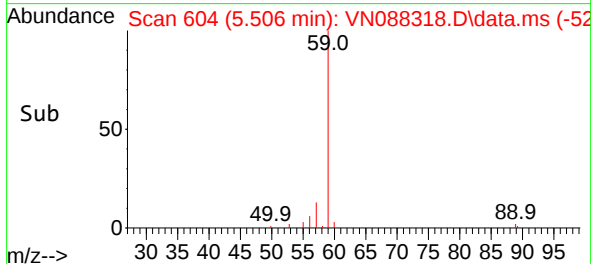
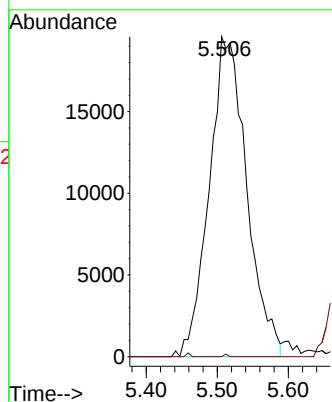
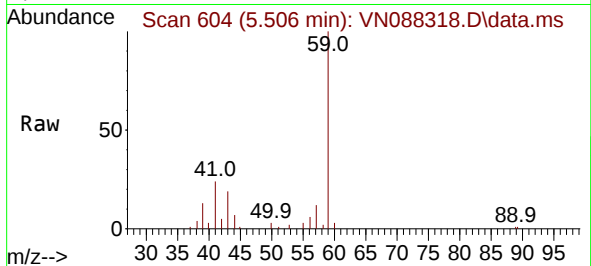
#23
tert-Butyl Alcohol
Concen: 81.410 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.018 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01

Tgt Ion: 59 Resp: 7160
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

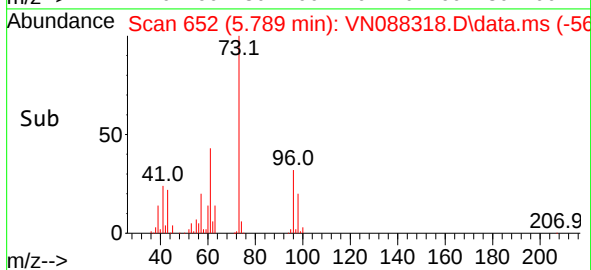
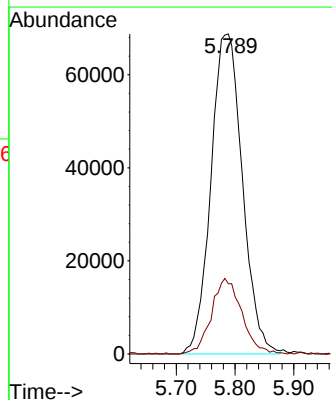
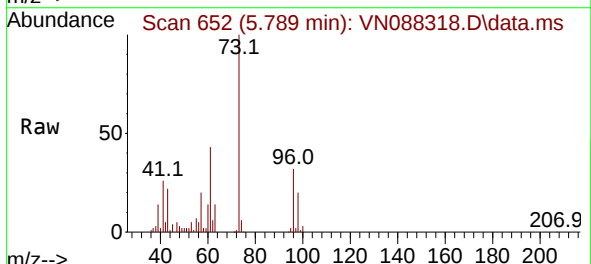
Manual Integrations
APPROVED

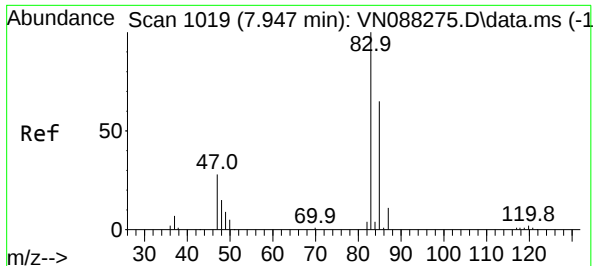
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#24
Methyl tert-Butyl Ether
Concen: 19.441 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Tgt Ion: 73 Resp: 255754
Ion Ratio Lower Upper
73 100
43 22.7 18.5 27.7





#25

Chloroform

Concen: 20.803 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBS01

Tgt Ion: 83 Resp: 15734

Ion Ratio Lower Upper

83 100

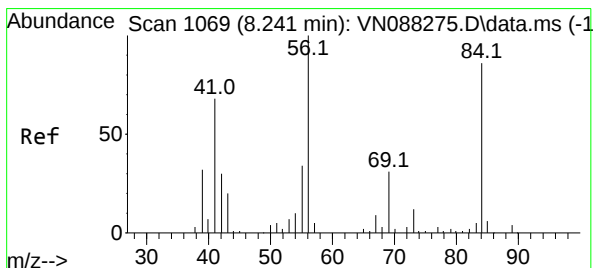
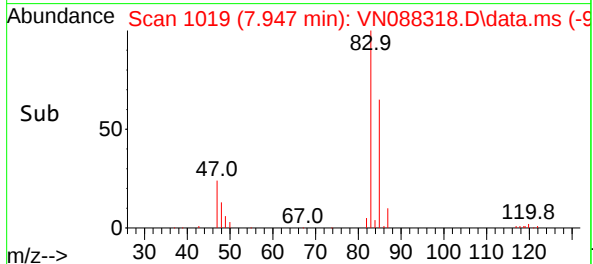
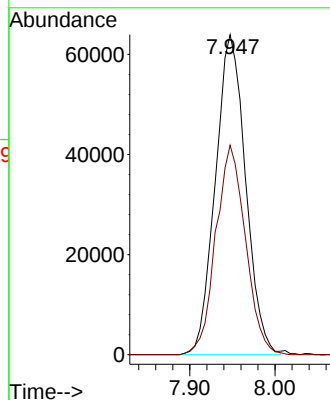
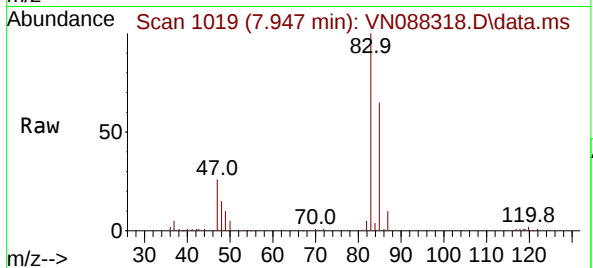
85 65.5 52.2 78.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#26

Cyclohexane

Concen: 20.541 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

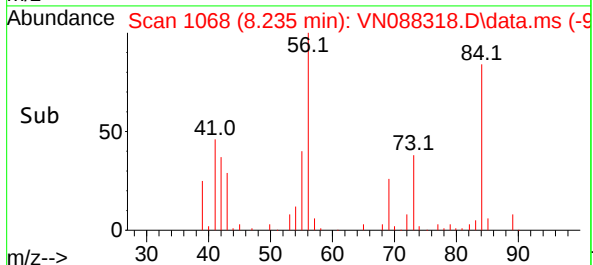
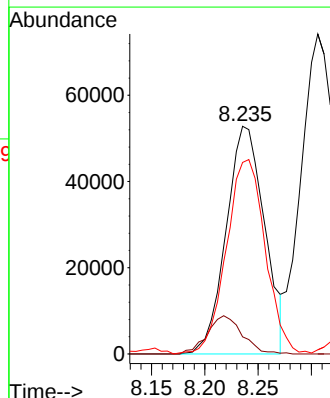
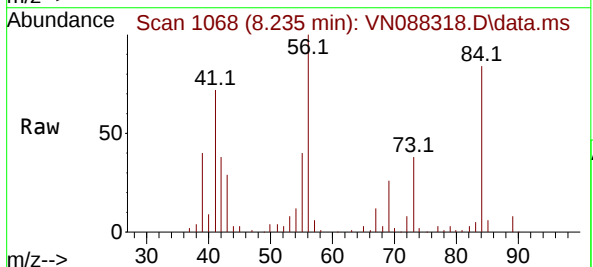
Tgt Ion: 56 Resp: 132443

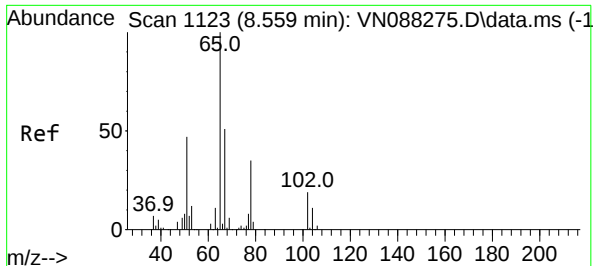
Ion Ratio Lower Upper

56 100

89 15.0 7.3 10.9

84 86.5 67.8 101.8





#27

1,2-Dichloroethane-d4

Concen: 28.901 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBS01

Tgt Ion: 65 Resp: 15664

Ion Ratio Lower Upper

65 100

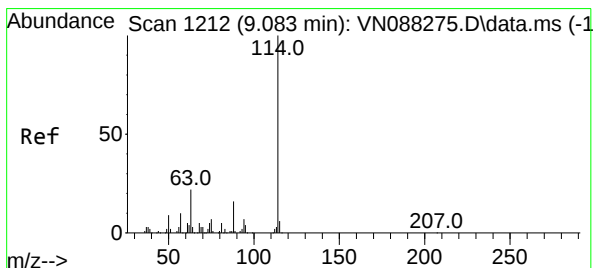
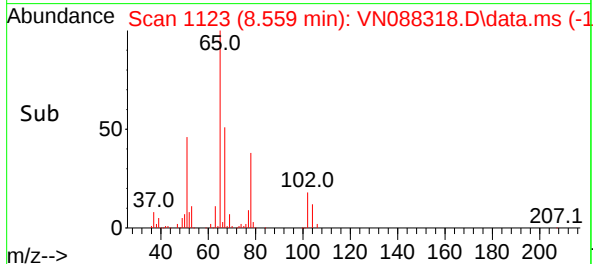
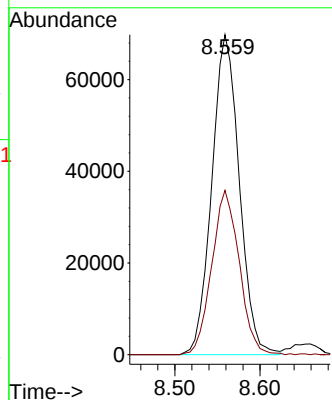
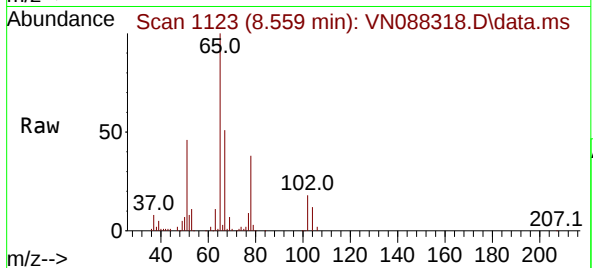
67 51.3 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

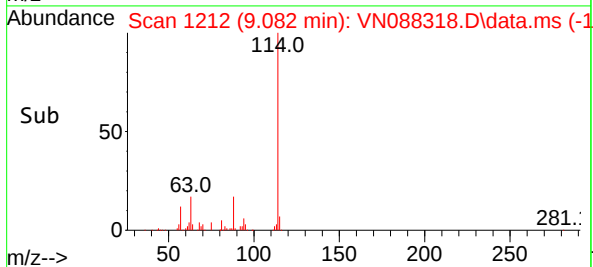
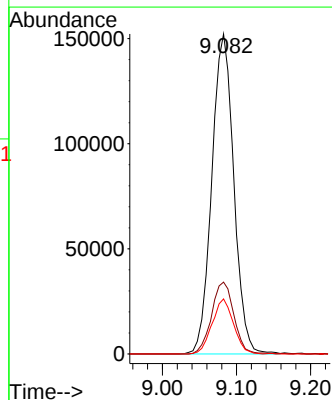
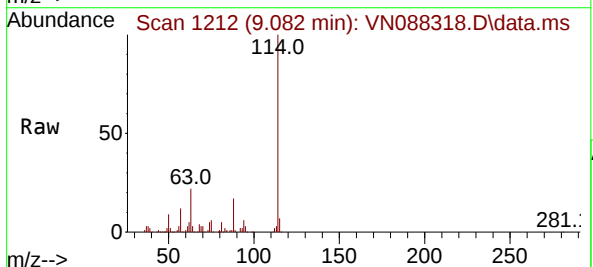
Tgt Ion:114 Resp: 313817

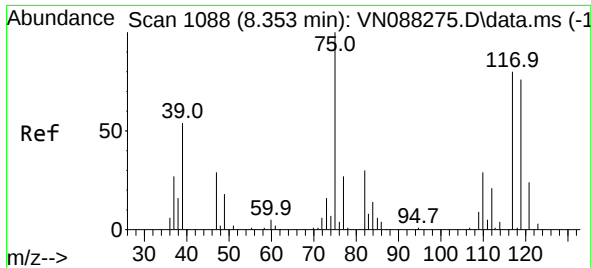
Ion Ratio Lower Upper

114 100

63 22.8 18.9 28.3

88 16.7 12.8 19.2





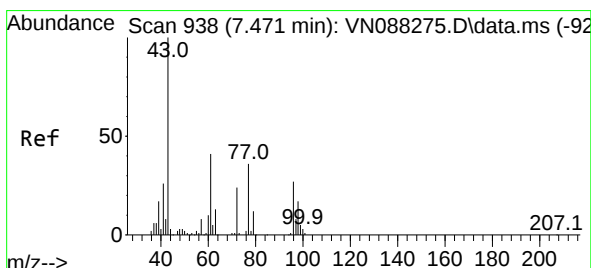
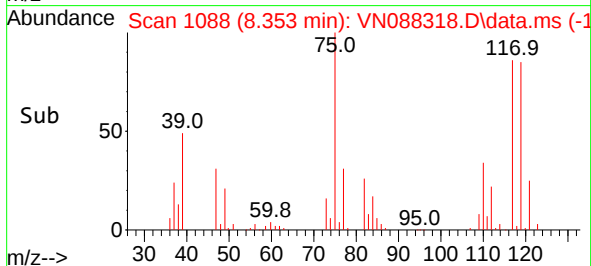
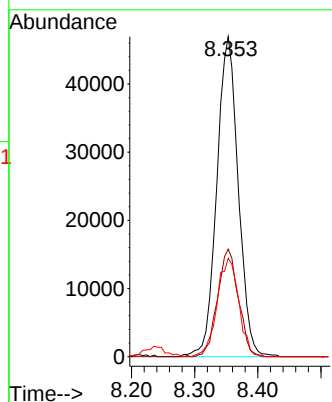
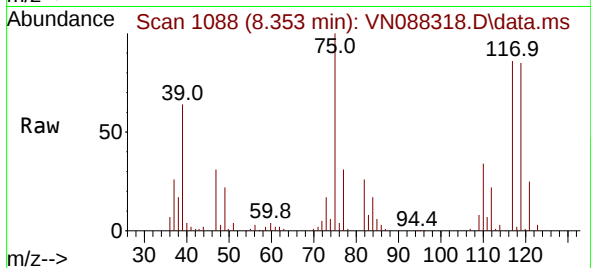
#29
1,1-Dichloropropene
Concen: 21.153 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01

Tgt Ion: 75 Resp: 11076
Ion Ratio Lower Upper
75 100
110 32.6 0.0 65.6
77 31.2 0.0 60.8

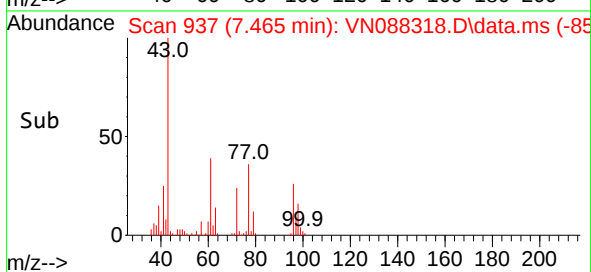
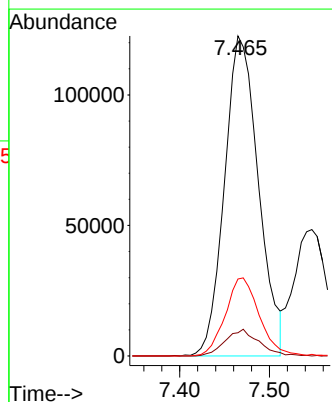
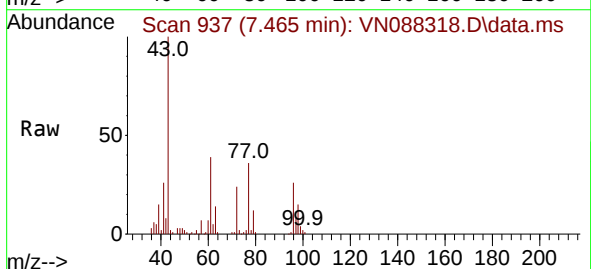
Manual Integrations
APPROVED

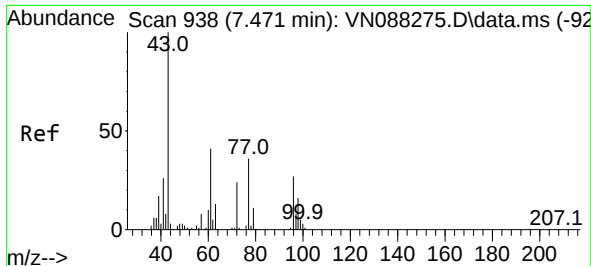
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#30
2-Butanone
Concen: 95.161 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

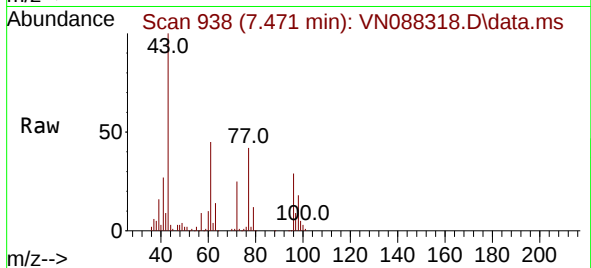
Tgt Ion: 43 Resp: 322319
Ion Ratio Lower Upper
43 100
57 8.1 6.2 9.4
72 24.4 19.4 29.2





#31
2,2-Dichloropropane
Concen: 21.597 ug/l
RT: 7.471 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

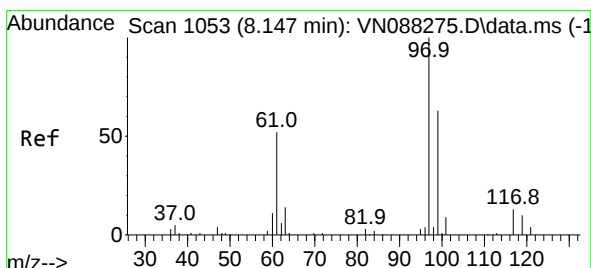
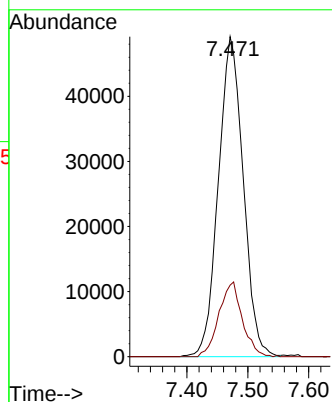
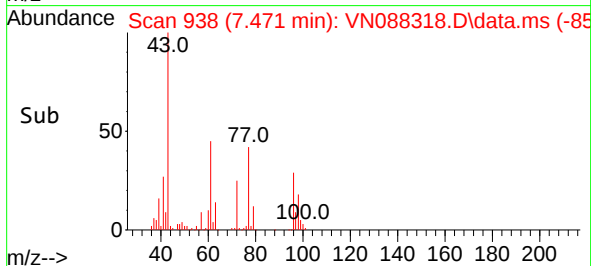
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



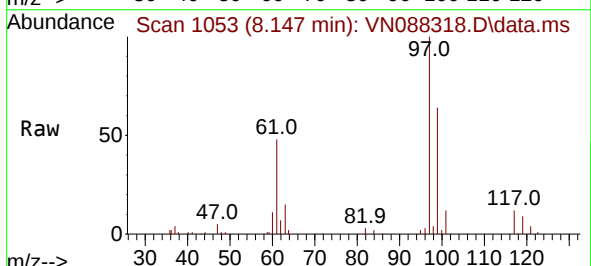
Tgt Ion: 77 Resp: 13948
Ion Ratio Lower Upper
77 100
97 21.9 16.8 25.2

Manual Integrations
APPROVED

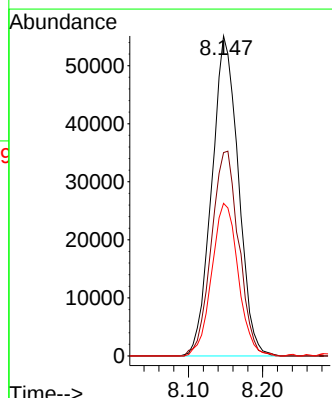
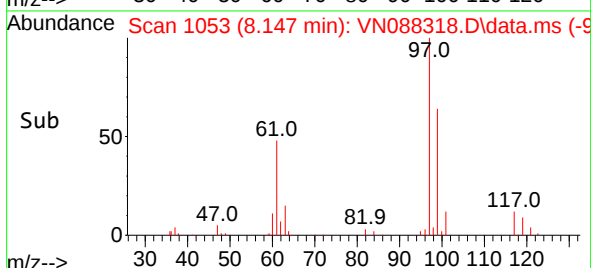
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

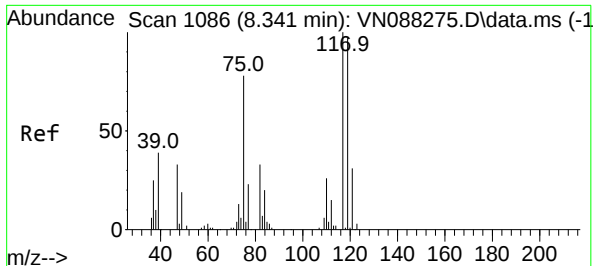


#32
1,1,1-Trichloroethane
Concen: 21.267 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



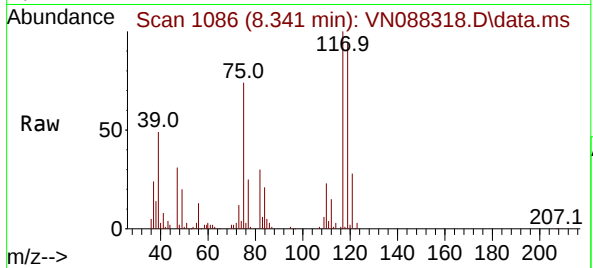
Tgt Ion: 97 Resp: 137278
Ion Ratio Lower Upper
97 100
99 66.0 50.2 75.4
61 47.6 39.8 59.8





#33
Carbon Tetrachloride
Concen: 21.779 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

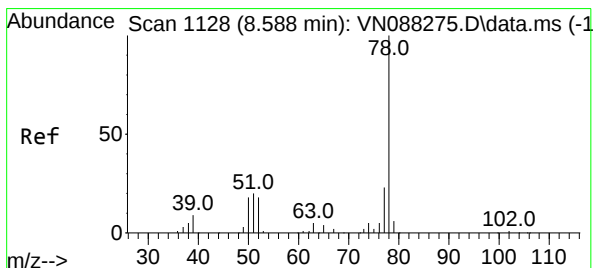
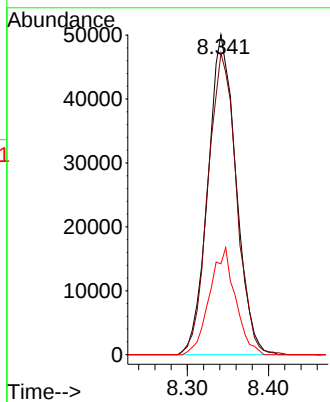
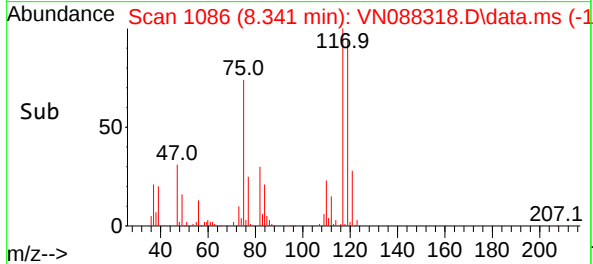
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



Tgt Ion:117 Resp: 120050
Ion Ratio Lower Upper
117 100
119 94.2 77.8 116.8
121 28.4 24.5 36.7

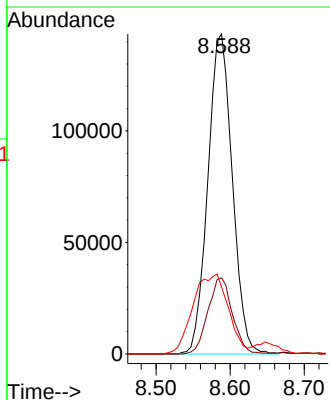
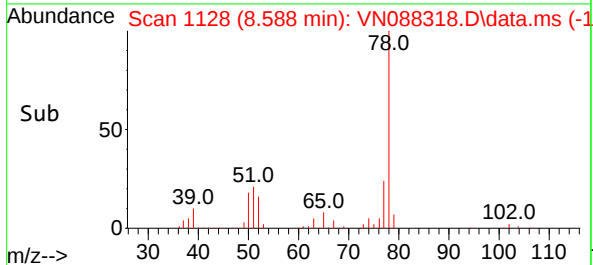
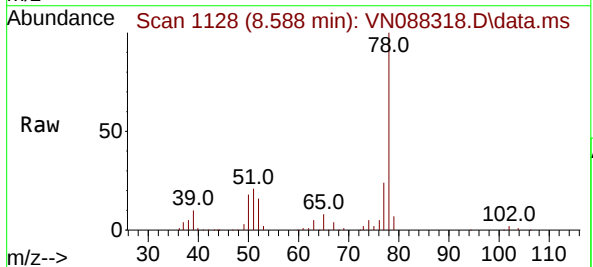
Manual Integrations
APPROVED

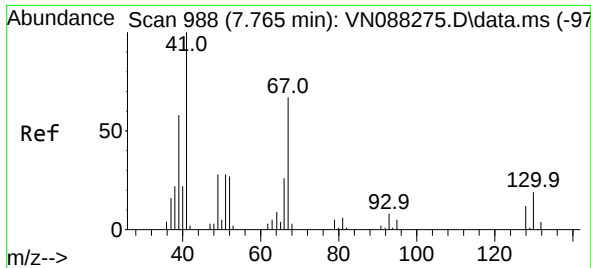
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#34
Benzene
Concen: 21.029 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

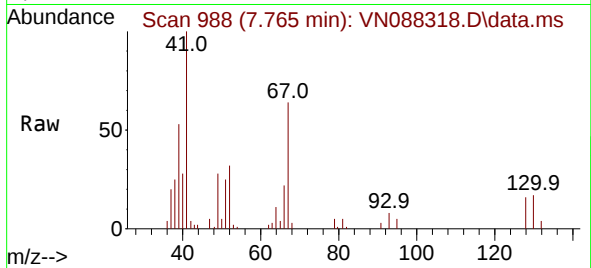
Tgt Ion: 78 Resp: 329140
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8
51 18.8 15.8 23.8





#35
Methacrylonitrile
Concen: 19.184 ug/l
RT: 7.765 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

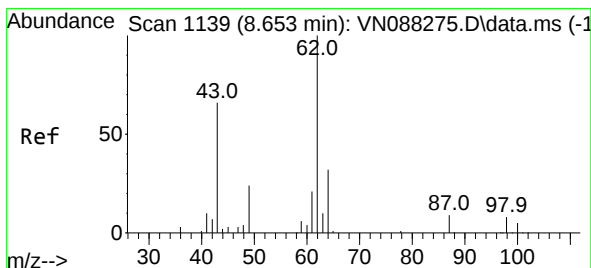
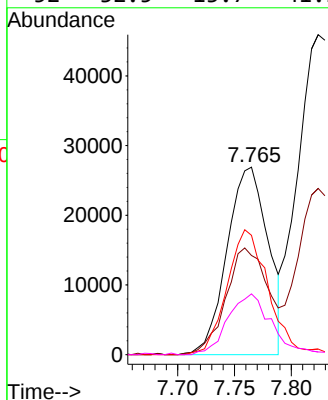
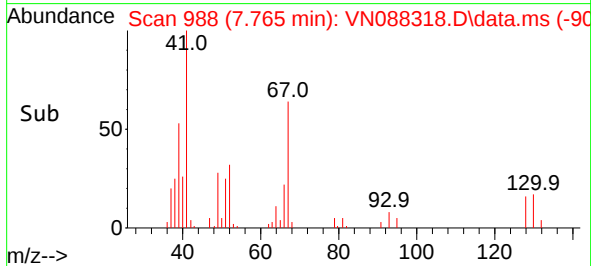
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



Tgt Ion:	41	Resp:	6777
Ion Ratio	100	Lower	Upper
39	52.9	29.0	87.0
67	63.7	33.3	99.9
52	32.5	13.7	41.1

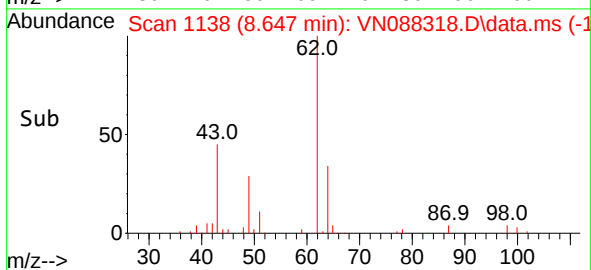
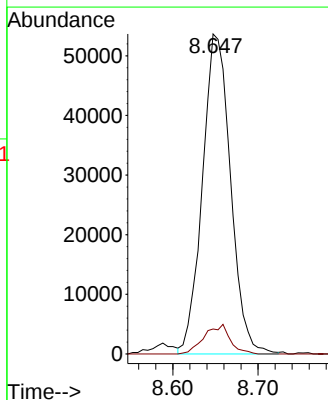
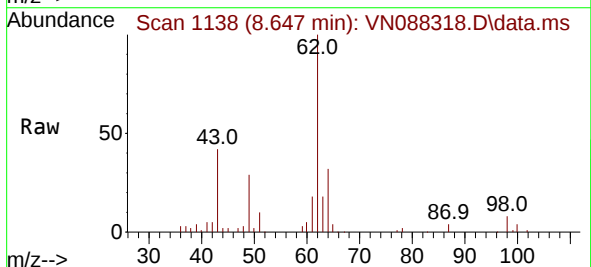
Manual Integrations
APPROVED

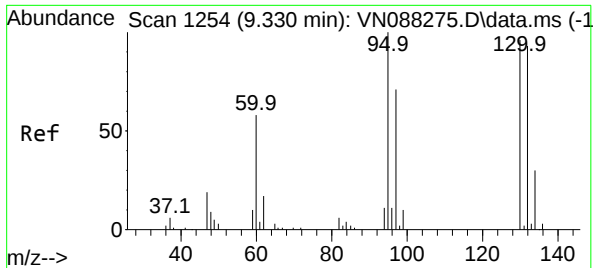
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#36
1,2-Dichloroethane
Concen: 20.248 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Tgt Ion:	62	Resp:	123337
Ion Ratio	100	Lower	Upper
98	5.1	6.8	10.2





#37

Trichloroethene

Concen: 21.676 ug/l

RT: 9.335 min Scan# 1254

Delta R.T. 0.006 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBS01

Tgt Ion:130 Resp: 7688

Ion Ratio Lower Upper

130 100

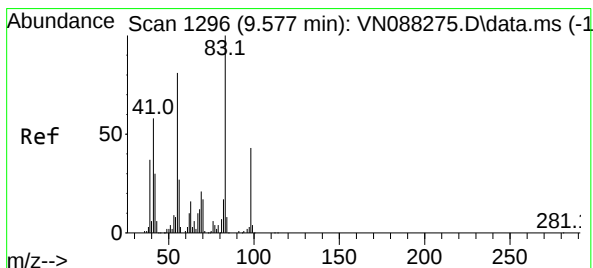
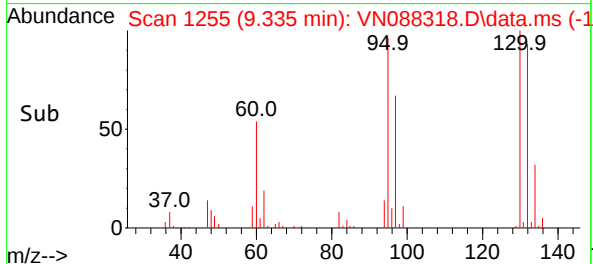
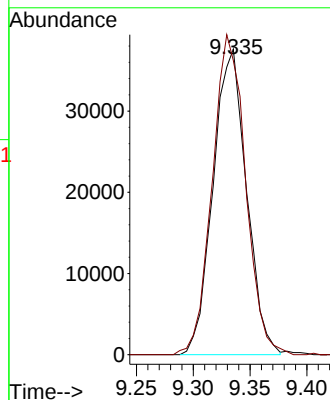
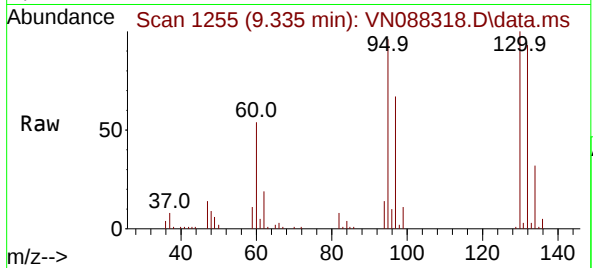
95 94.9 83.7 125.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#38

Methylcyclohexane

Concen: 20.791 ug/l

RT: 9.576 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

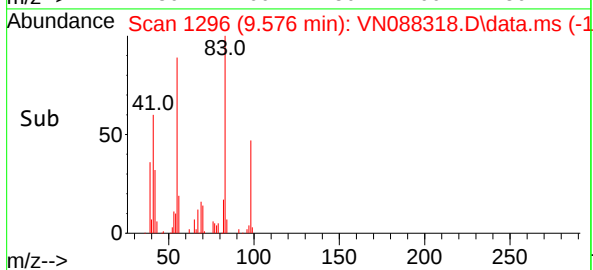
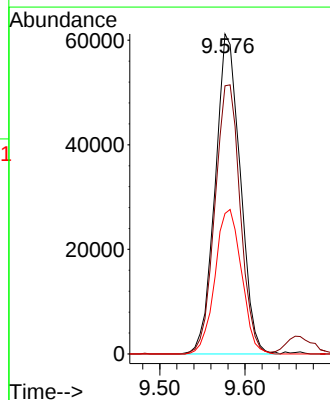
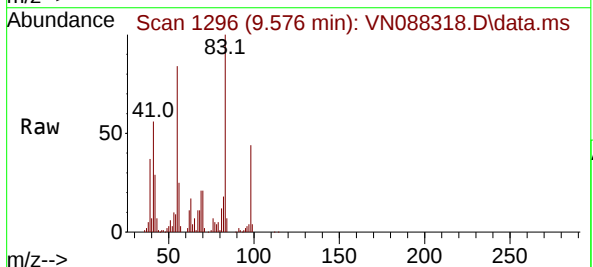
Tgt Ion: 83 Resp: 124809

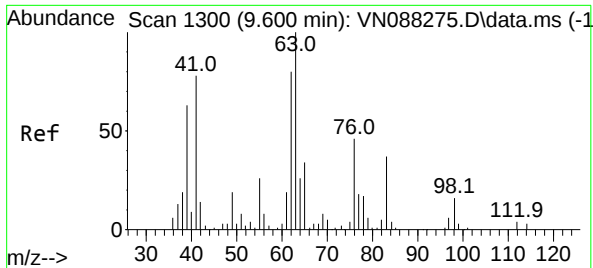
Ion Ratio Lower Upper

83 100

55 85.2 40.8 122.5

98 47.8 23.4 70.3





#39

1,2-Dichloropropane

Concen: 21.380 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBS01

Tgt Ion: 63 Resp: 86334

Ion Ratio Lower Upper

63 100

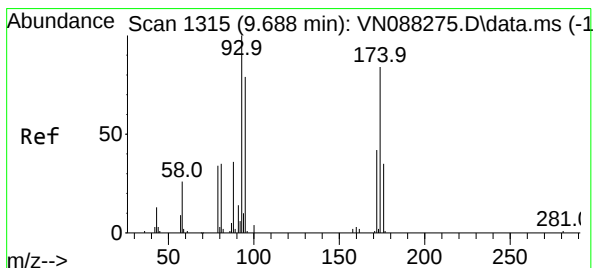
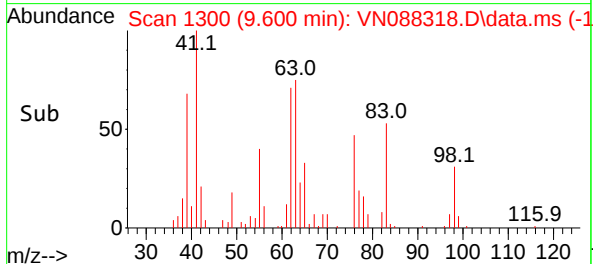
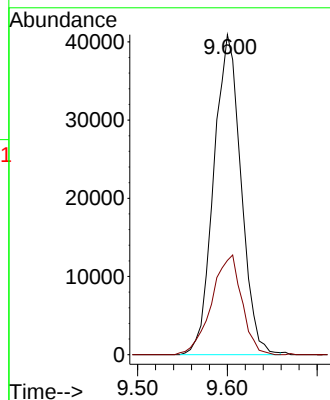
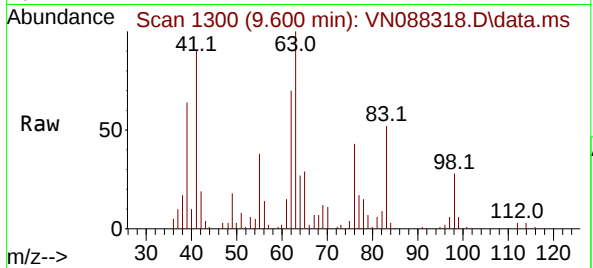
65 29.4 27.8 41.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#40

Dibromomethane

Concen: 20.615 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

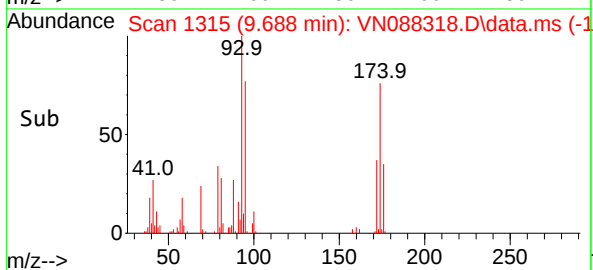
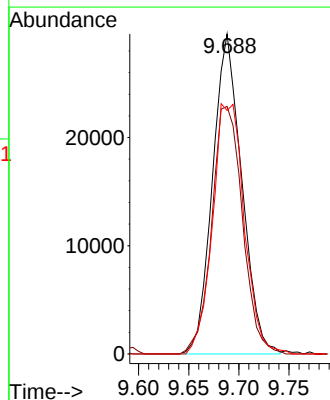
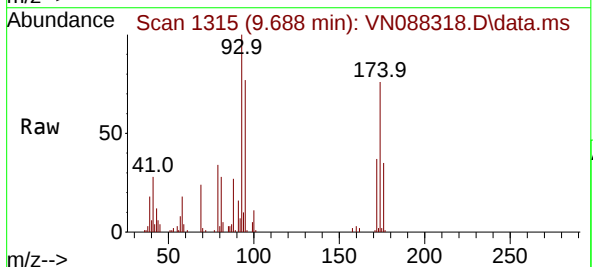
Tgt Ion: 93 Resp: 59808

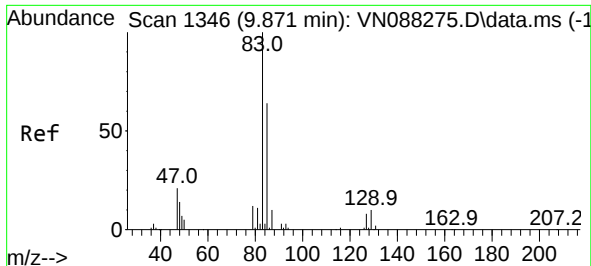
Ion Ratio Lower Upper

93 100

95 81.5 0.0 161.6

174 85.1 0.0 158.2





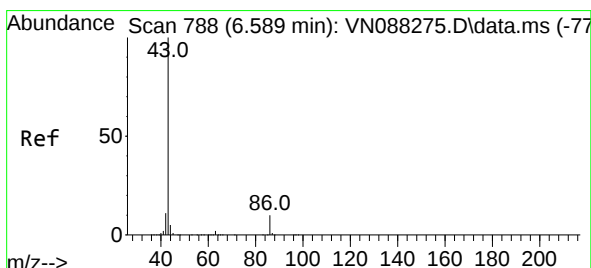
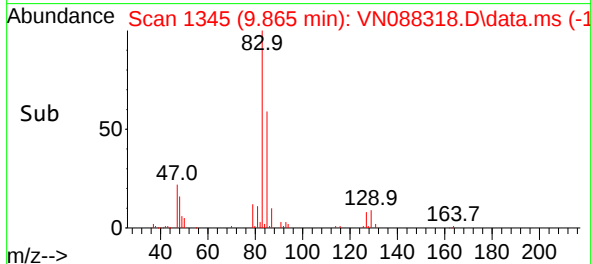
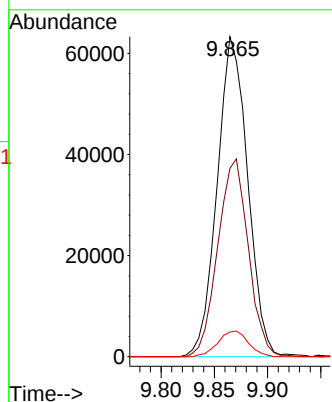
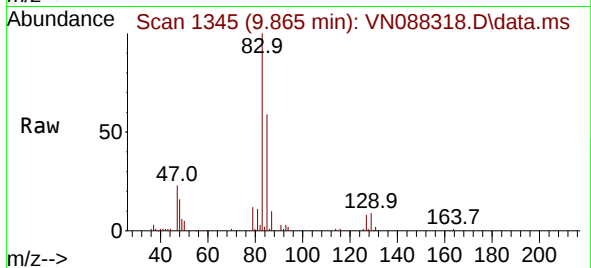
#41
Bromodichloromethane
Concen: 21.544 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01

Tgt Ion: 83 Resp: 12582
Ion Ratio Lower Upper
83 100
85 58.9 51.4 77.2
127 7.7 6.4 9.6

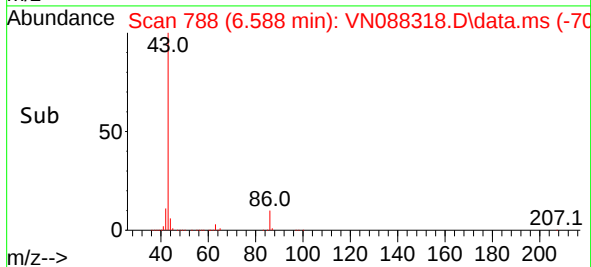
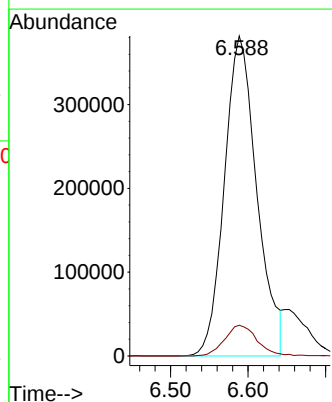
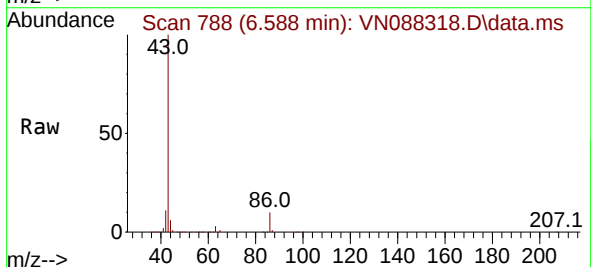
Manual Integrations
APPROVED

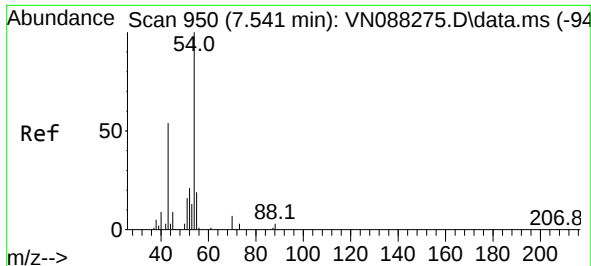
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#42
Vinyl Acetate
Concen: 98.490 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

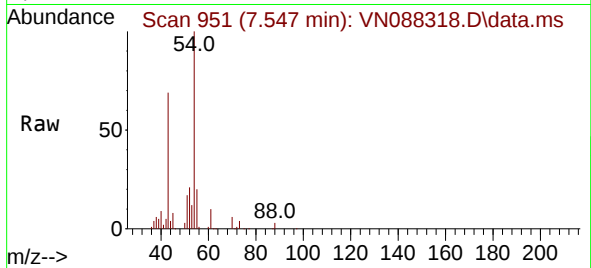
Tgt Ion: 43 Resp: 1113408
Ion Ratio Lower Upper
43 100
86 9.6 7.4 11.2





#43
Ethyl Acetate
Concen: 19.802 ug/l
RT: 7.547 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

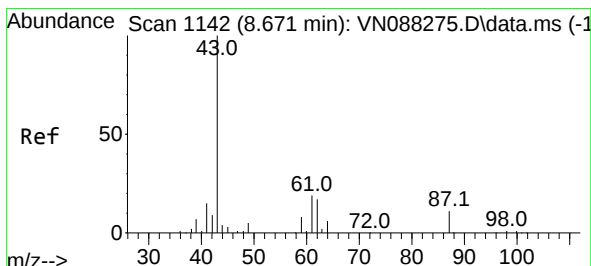
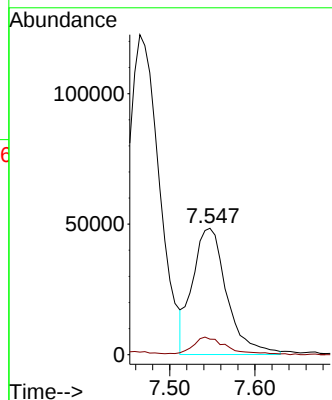
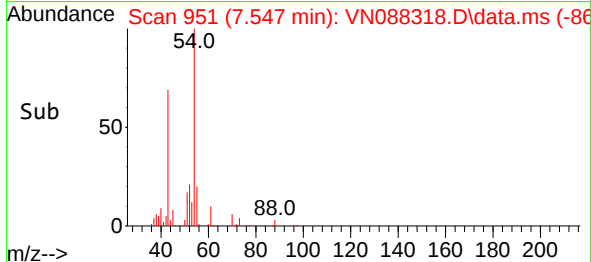
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



Tgt Ion: 43 Resp: 134952
Ion Ratio Lower Upper
43 100
45 13.7 9.9 14.9

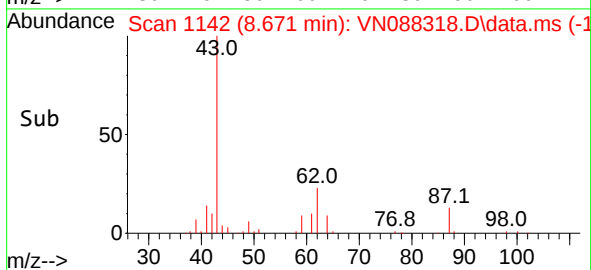
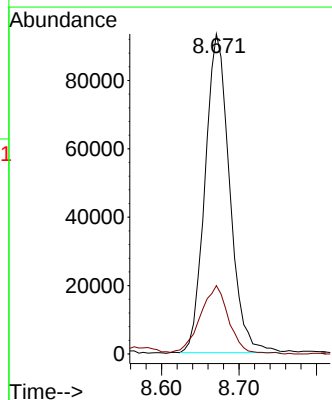
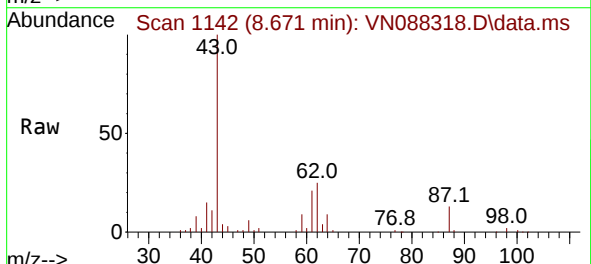
Manual Integrations
APPROVED

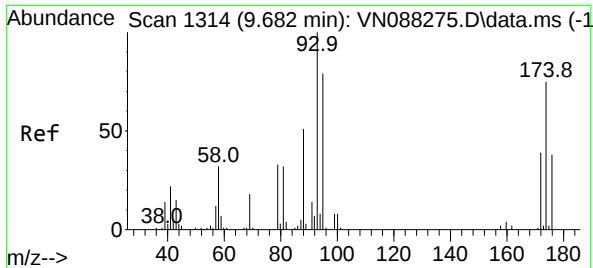
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#44
Isopropyl Acetate
Concen: 19.557 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

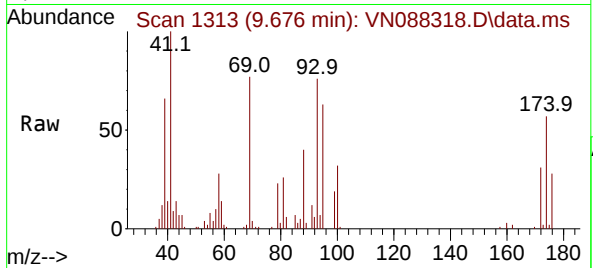
Tgt Ion: 43 Resp: 205399
Ion Ratio Lower Upper
43 100
61 23.9 19.0 28.6





#45
1,4-Dioxane
Concen: 367.642 ug/l
RT: 9.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

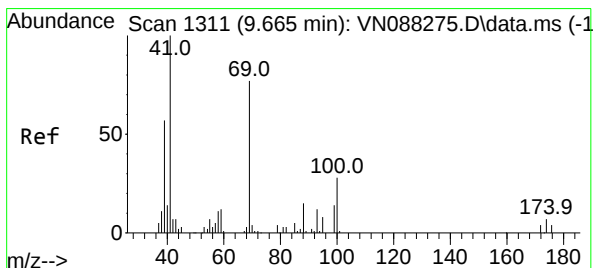
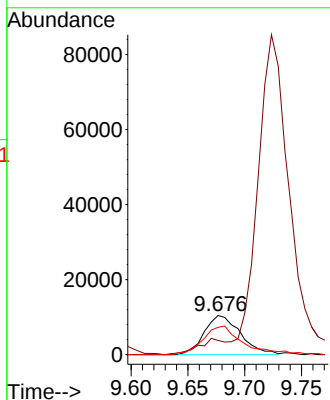
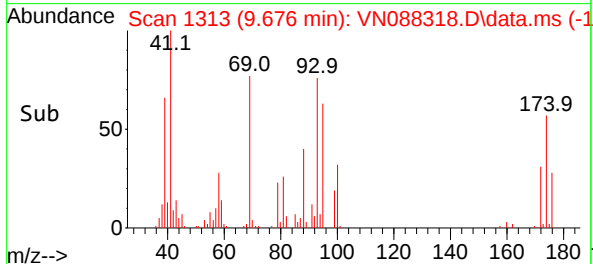
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



Tgt Ion: 88 Resp: 2325
Ion Ratio Lower Upper
88 100
43 34.6 27.8 41.8
58 76.4 59.5 89.3

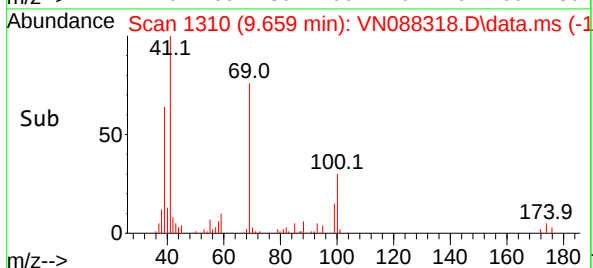
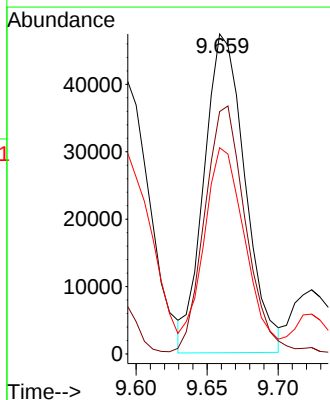
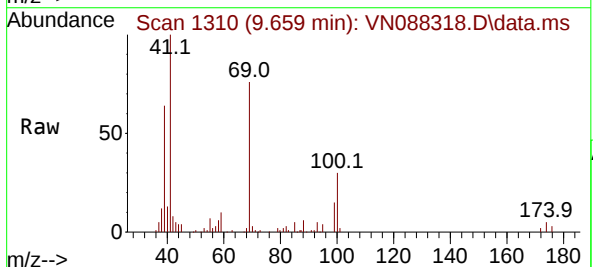
Manual Integrations
APPROVED

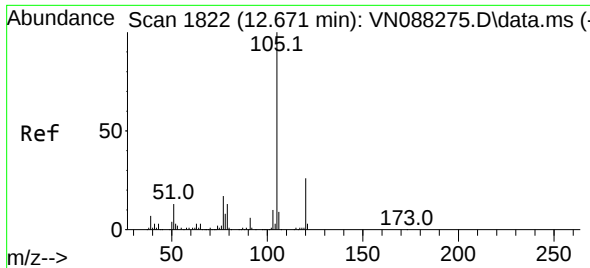
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#46
Methyl methacrylate
Concen: 19.387 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

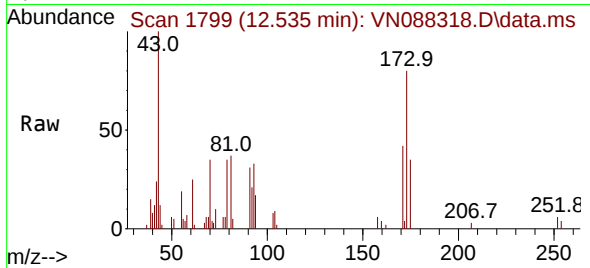
Tgt Ion: 41 Resp: 95279
Ion Ratio Lower Upper
41 100
69 80.6 38.5 115.3
39 65.2 29.0 87.1





#47
n-amyl acetate
Concen: 17.784 ug/l m
RT: 12.535 min Scan# 11
Delta R.T. -0.135 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

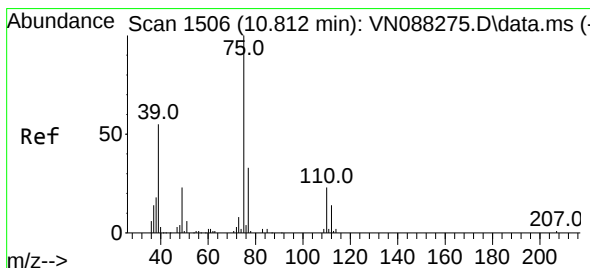
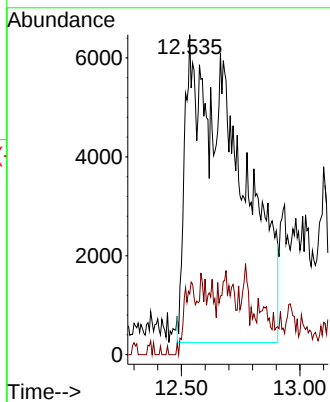
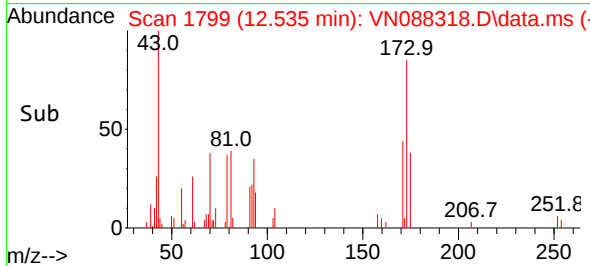
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



Tgt Ion: 43 Resp: 94649
Ion Ratio Lower Upper
43 100
55 0.4 0.0 0.0

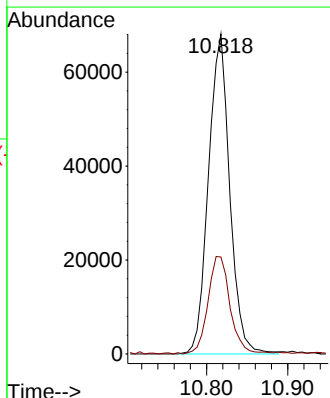
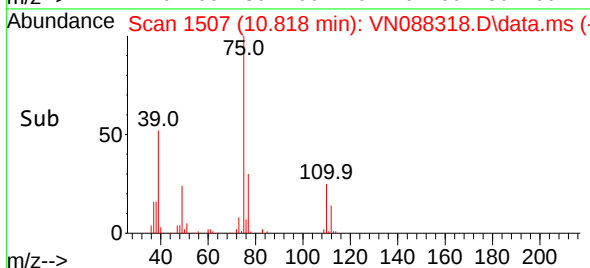
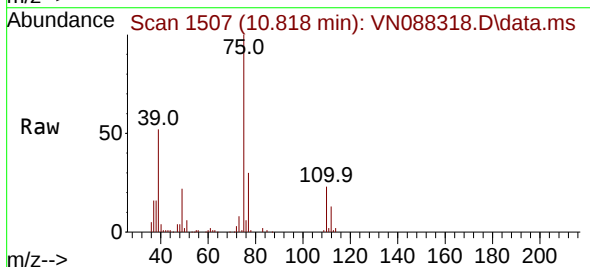
Manual Integrations
APPROVED

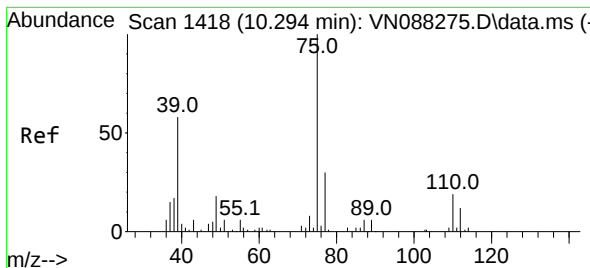
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#48
t-1,3-Dichloropropene
Concen: 19.856 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

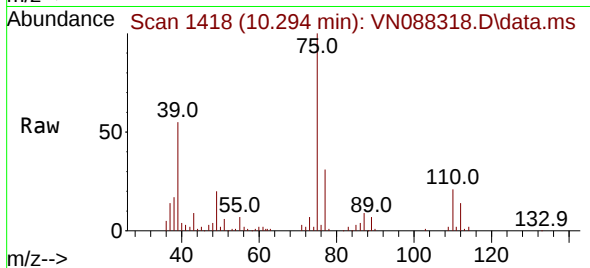
Tgt Ion: 75 Resp: 124036
Ion Ratio Lower Upper
75 100
77 29.9 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 21.090 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN088318.D
 Acq: 20 Nov 2025 09:49

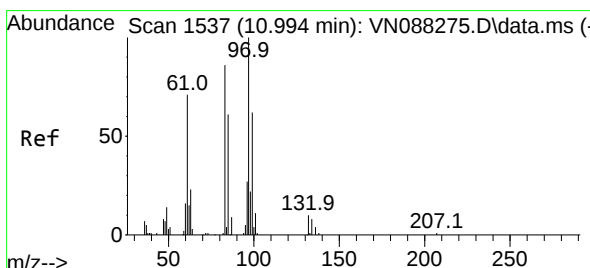
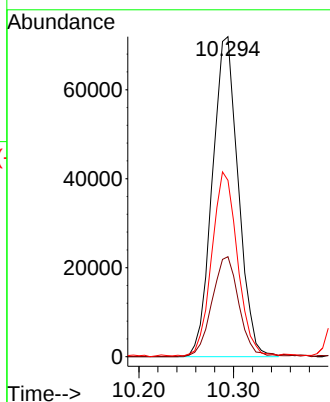
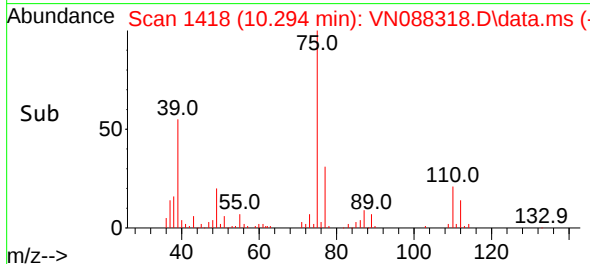
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBS01



Tgt Ion: 75 Resp: 137078
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.4 36.6
 39 54.6 46.1 69.1

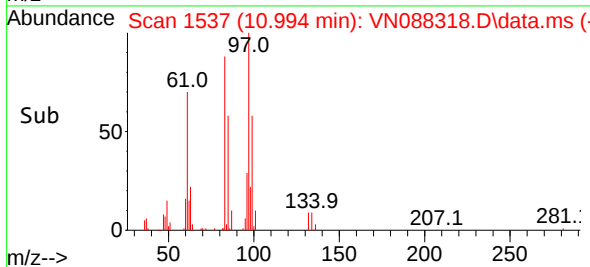
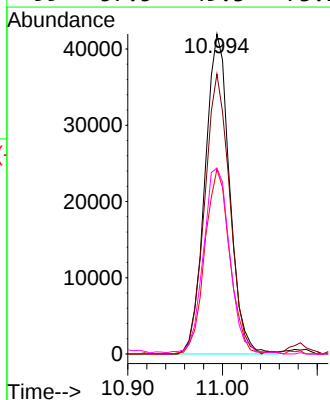
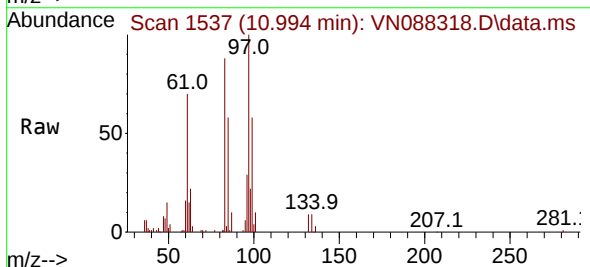
Manual Integrations
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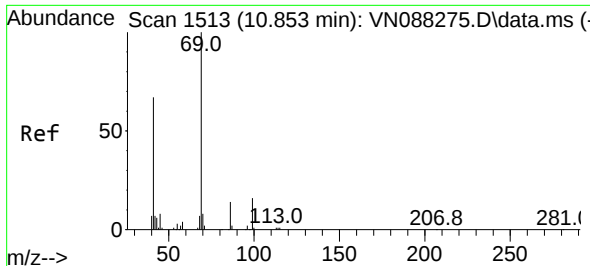
Reviewed By :John Carlone 11/21/2025
 Supervised By :Semsettin Yesilyurt 11/21/2025



#50
 1,1,2-Trichloroethane
 Concen: 21.188 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088318.D
 Acq: 20 Nov 2025 09:49

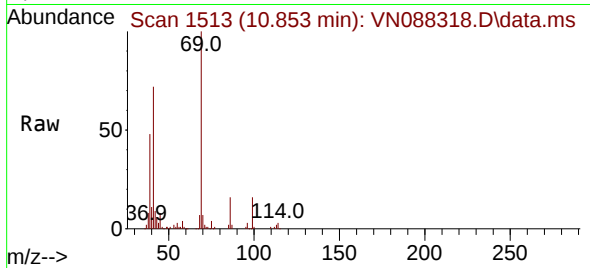
Tgt Ion: 97 Resp: 76012
 Ion Ratio Lower Upper
 97 100
 83 87.5 68.6 102.8
 85 57.3 49.0 73.6
 99 57.5 49.3 73.9





#51
Ethyl methacrylate
Concen: 19.114 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

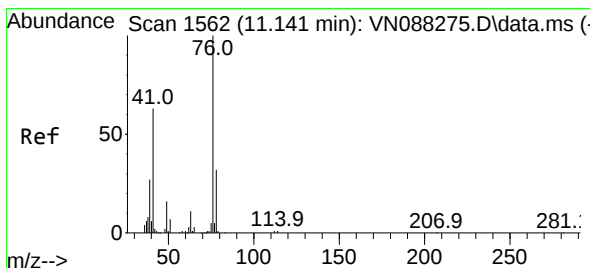
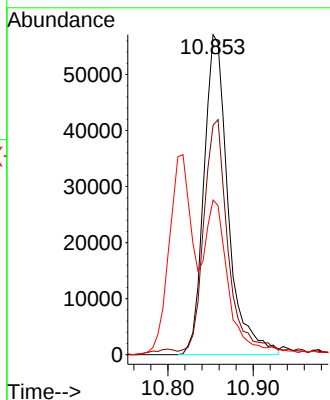
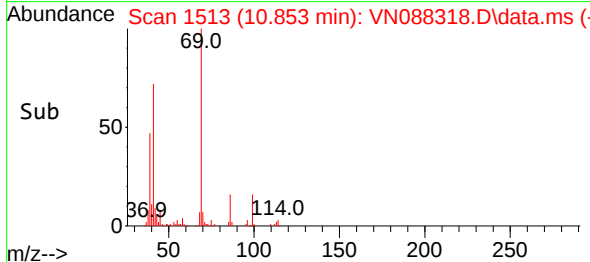
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



Tgt Ion: 69 Resp: 112814
Ion Ratio Lower Upper
69 100
41 70.7 33.6 100.8
39 46.9 23.4 70.2

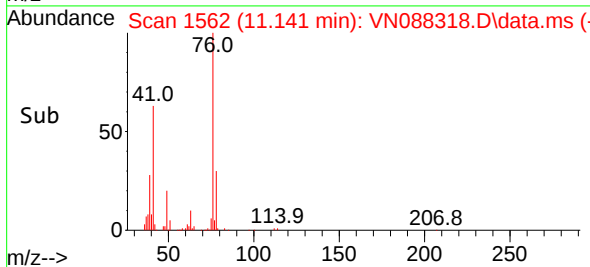
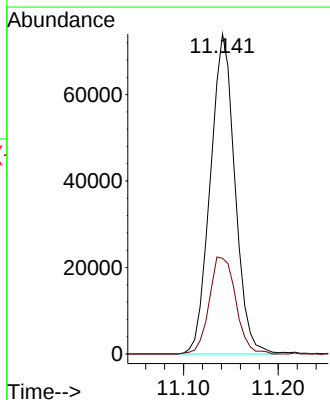
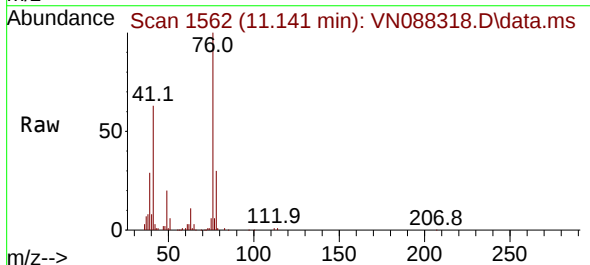
Manual Integrations
APPROVED

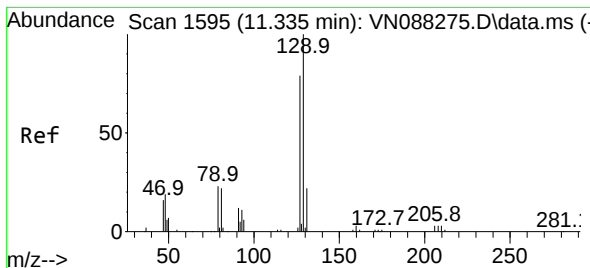
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#52
1,3-Dichloropropane
Concen: 20.482 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Tgt Ion: 76 Resp: 133820
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.2





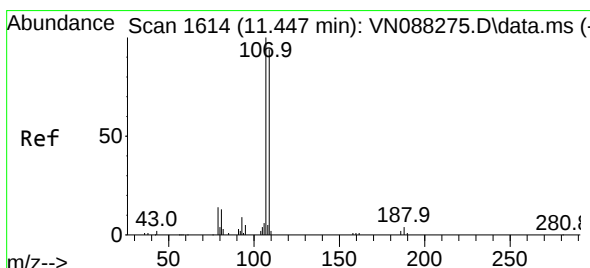
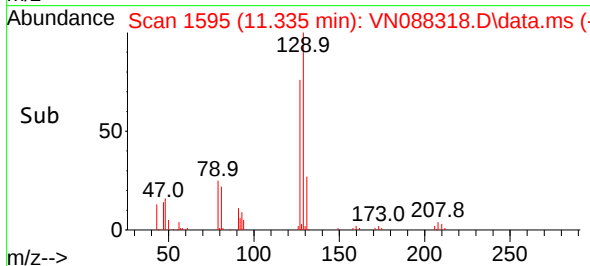
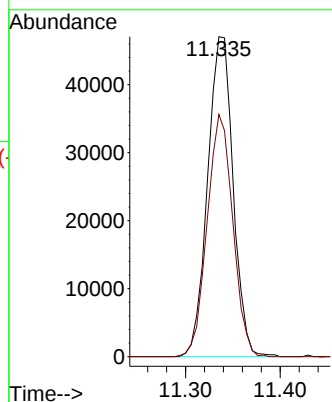
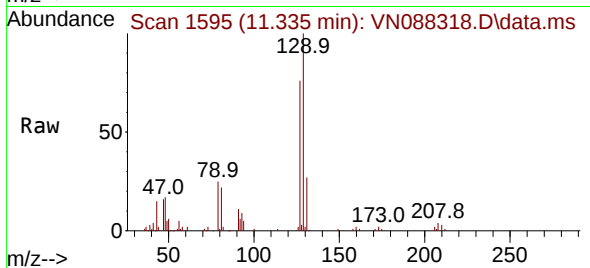
#53
Dibromochloromethane
Concen: 21.378 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01

Tgt Ion:129 Resp: 8809
Ion Ratio Lower Upper
129 100
127 76.1 38.2 114.6

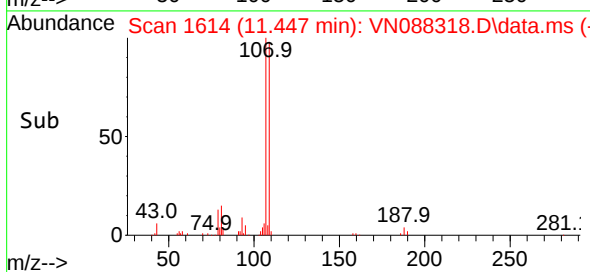
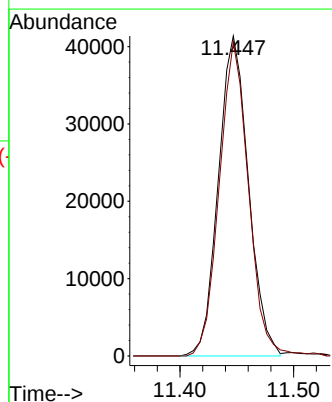
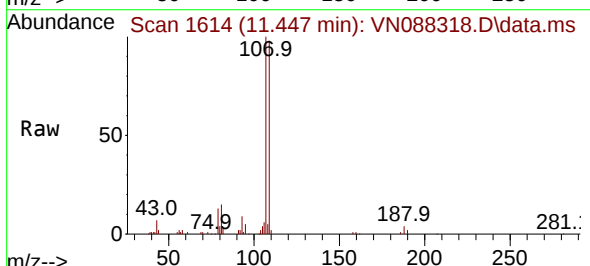
Manual Integrations
APPROVED

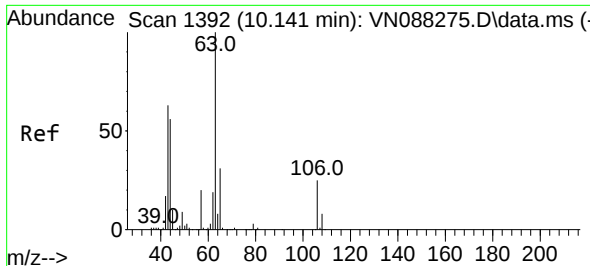
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#54
1,2-Dibromoethane
Concen: 20.445 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

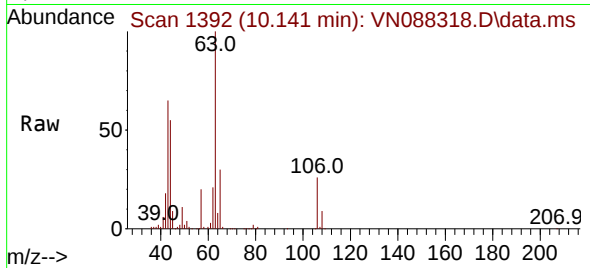
Tgt Ion:107 Resp: 76209
Ion Ratio Lower Upper
107 100
109 94.8 76.6 115.0





#55
2-Chloroethyl vinyl ether
Concen: 90.614 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

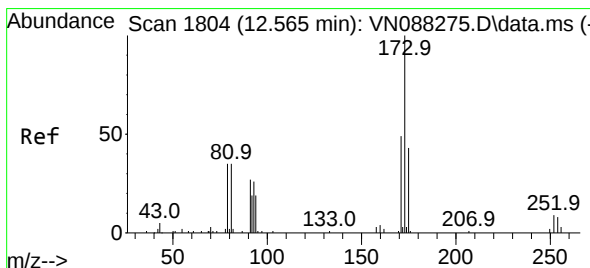
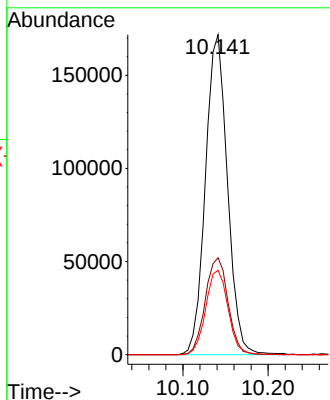
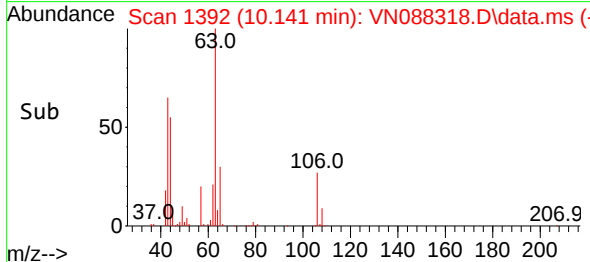
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



Tgt Ion: 63 Resp: 308084
Ion Ratio Lower Upper
63 100
65 31.3 24.9 37.3
106 26.7 20.3 30.5

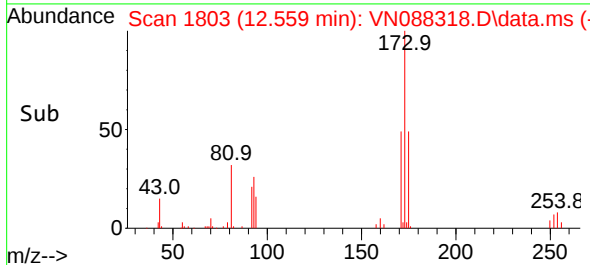
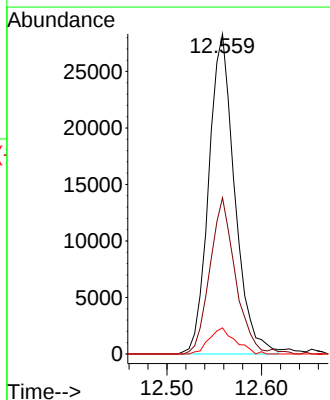
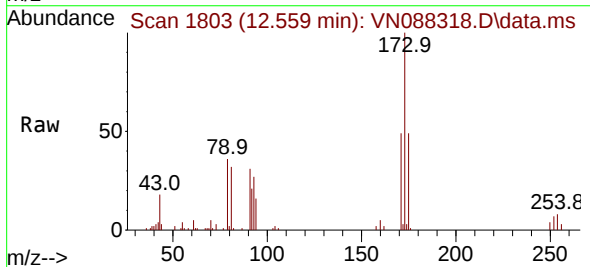
Manual Integrations
APPROVED

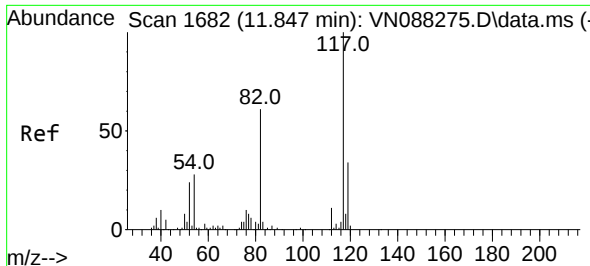
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#56
Bromoform
Concen: 20.669 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

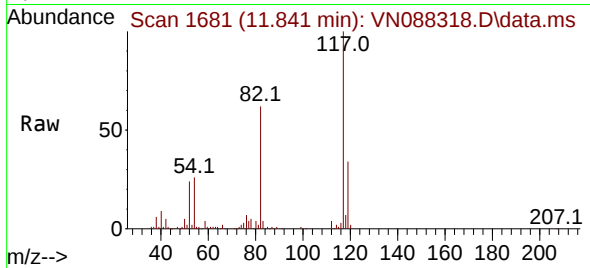
Tgt Ion:173 Resp: 53911
Ion Ratio Lower Upper
173 100
175 47.5 37.7 56.5
254 8.1 5.9 8.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

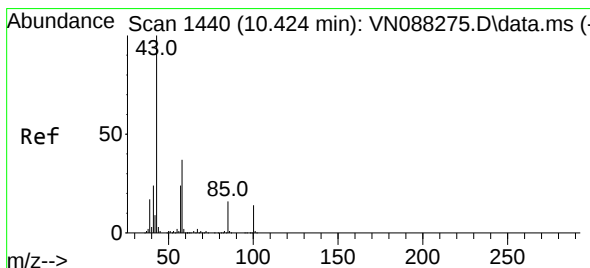
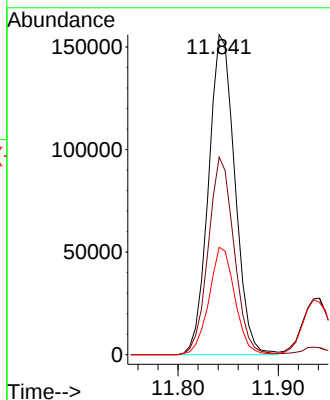
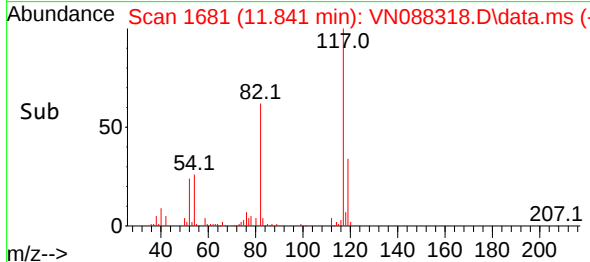
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



Tgt Ion:117 Resp: 285258
Ion Ratio Lower Upper
117 100
82 60.5 49.3 73.9
119 32.9 26.4 39.6

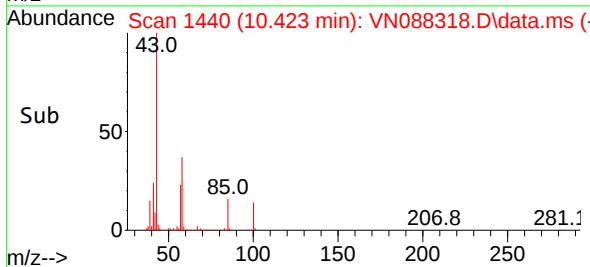
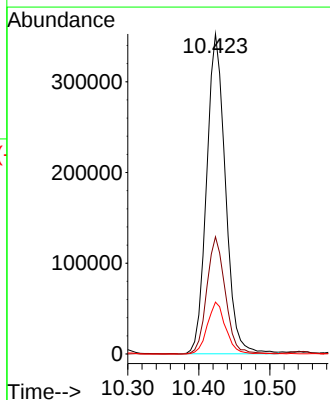
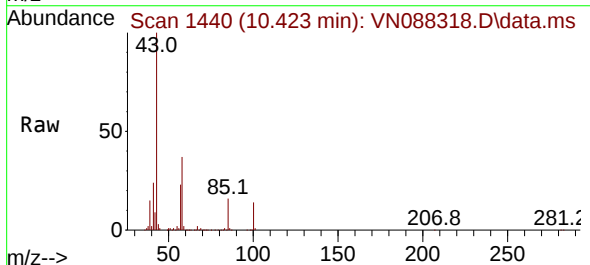
Manual Integrations
APPROVED

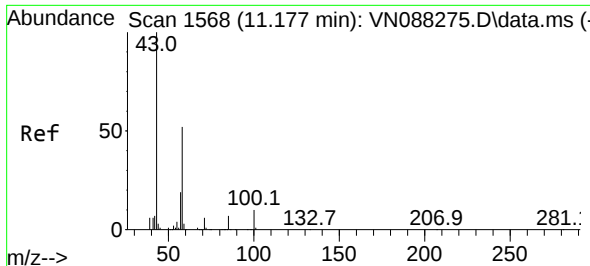
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#58
4-Methyl-2-Pentanone
Concen: 100.734 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

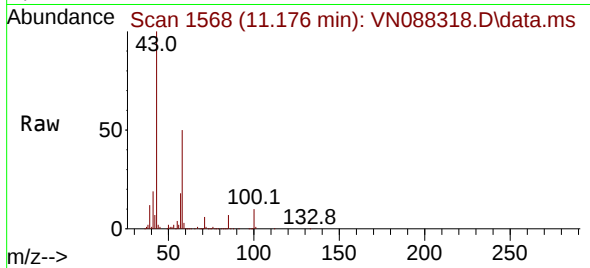
Tgt Ion: 43 Resp: 649921
Ion Ratio Lower Upper
43 100
58 35.9 29.2 43.8
85 15.7 12.6 19.0





#59
2-Hexanone
Concen: 99.158 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

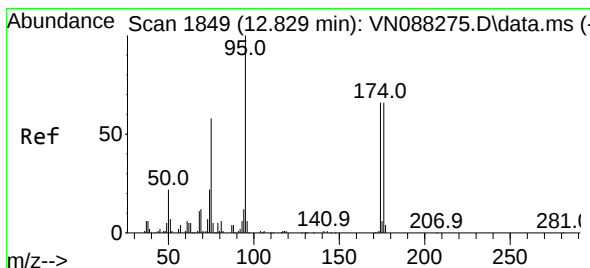
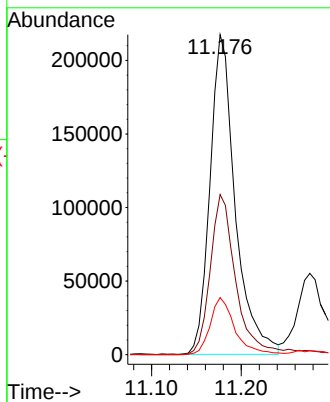
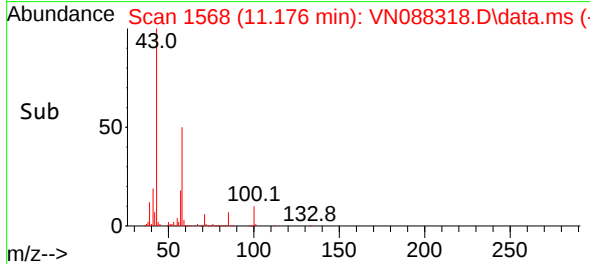
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



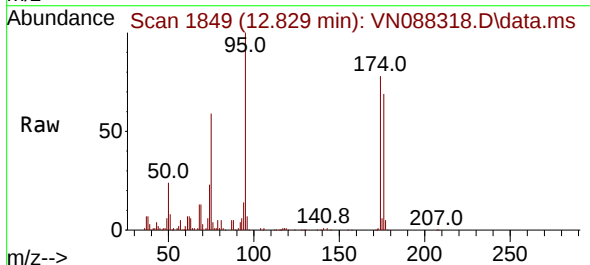
Tgt Ion: 43 Resp: 424810
Ion Ratio Lower Upper
43 100
58 50.1 41.0 61.4
57 17.5 14.4 21.6

Manual Integrations
APPROVED

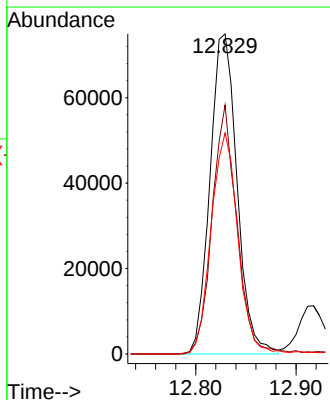
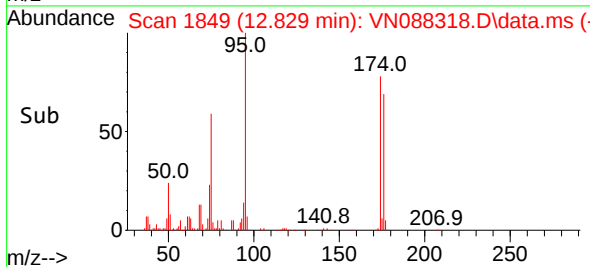
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

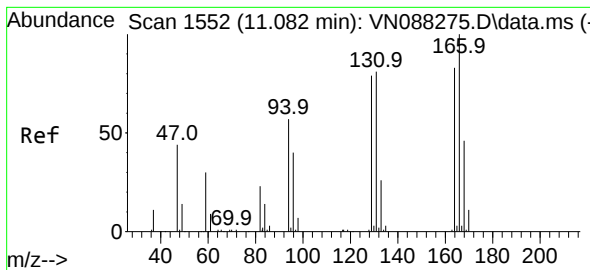


#60
4-Bromofluorobenzene
Concen: 29.102 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



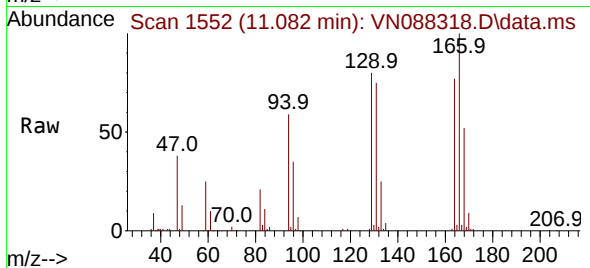
Tgt Ion: 95 Resp: 140335
Ion Ratio Lower Upper
95 100
174 71.1 54.5 81.7
176 68.2 53.8 80.6





#61
Tetrachloroethene
Concen: 22.800 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

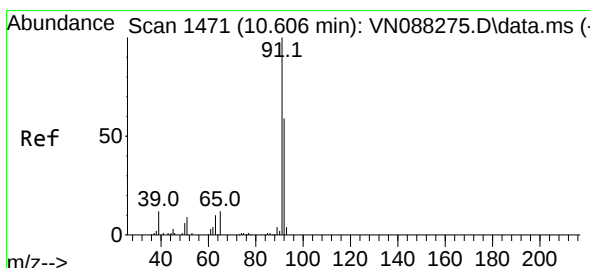
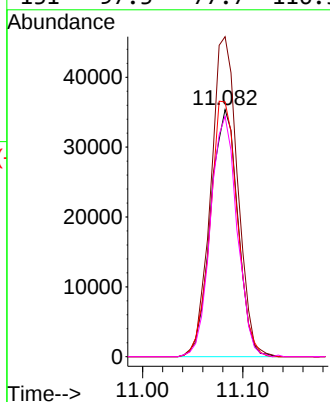
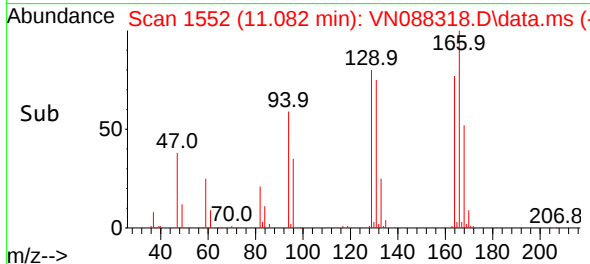
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



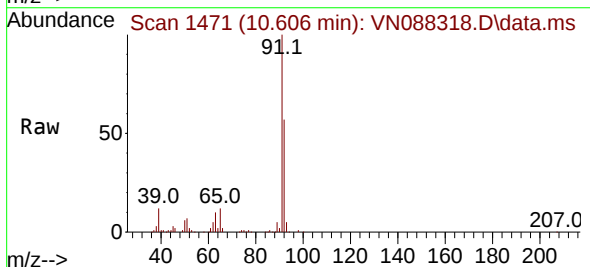
Tgt Ion:164 Resp: 67050
Ion Ratio Lower Upper
164 100
166 129.5 96.3 144.5
129 103.1 76.2 114.2
131 97.3 77.7 116.5

Manual Integrations
APPROVED

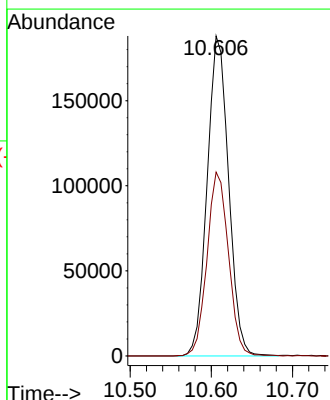
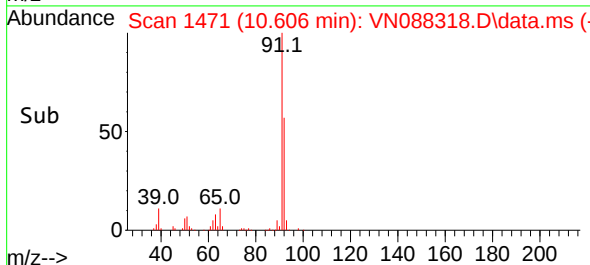
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

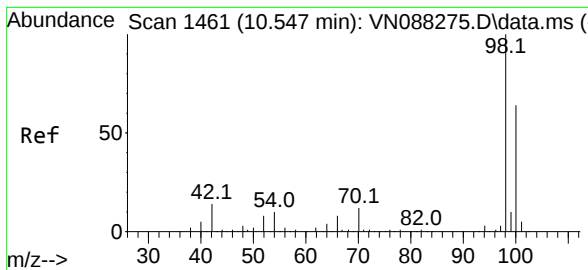


#62
Toluene
Concen: 21.053 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



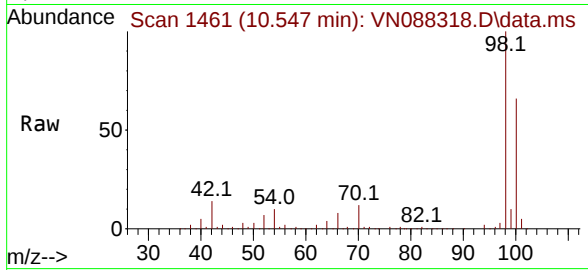
Tgt Ion: 91 Resp: 344628
Ion Ratio Lower Upper
91 100
92 57.5 46.7 70.1





#63
Toluene-d8
Concen: 30.392 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

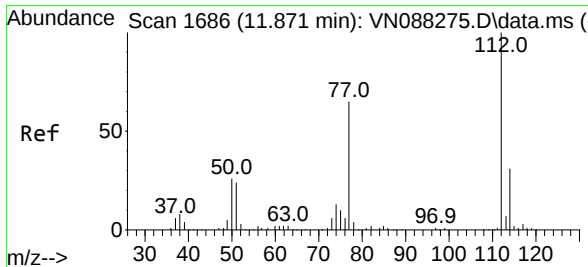
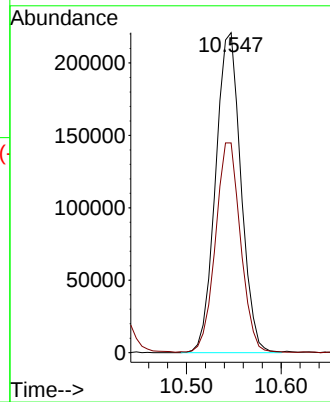
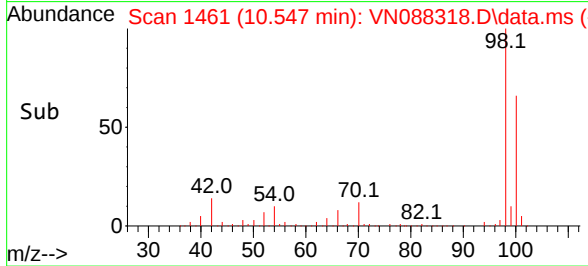
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



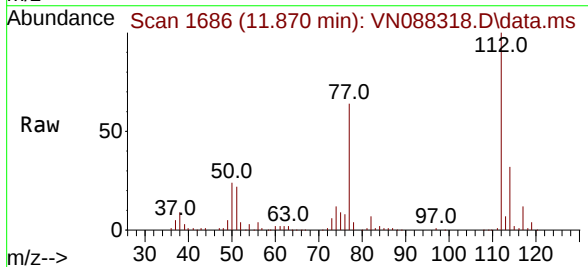
Tgt Ion: 98 Resp: 41044
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4

Manual Integrations
APPROVED

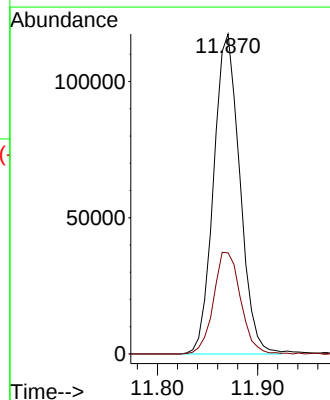
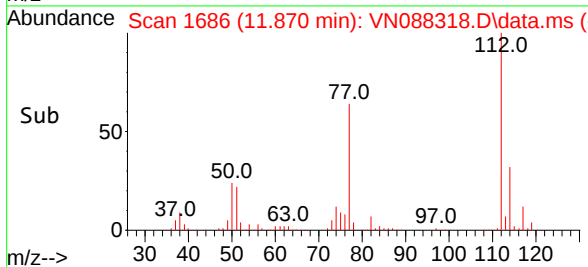
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

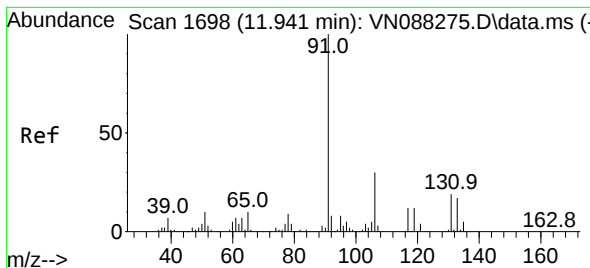


#64
Chlorobenzene
Concen: 21.035 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



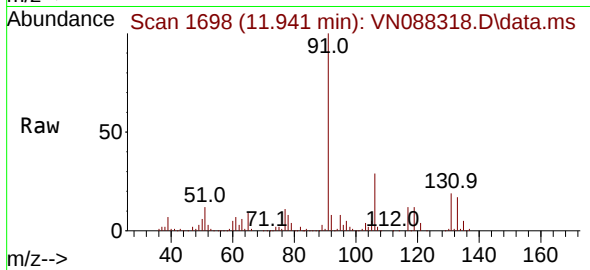
Tgt Ion:112 Resp: 213258
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 21.077 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

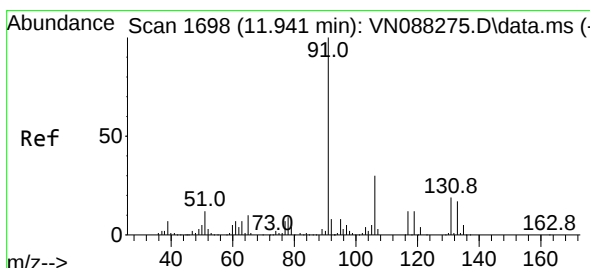
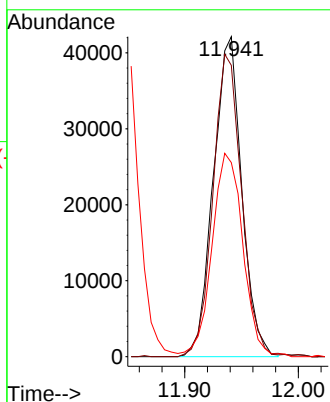
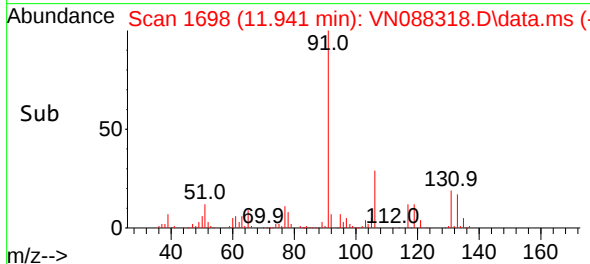
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



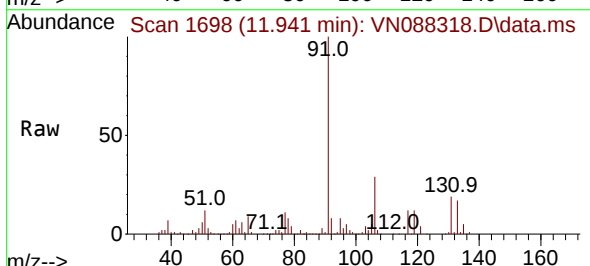
Tgt Ion:131 Resp: 73139
Ion Ratio Lower Upper
131 100
133 95.1 0.0 181.4
119 68.9 0.0 135.0

Manual Integrations
APPROVED

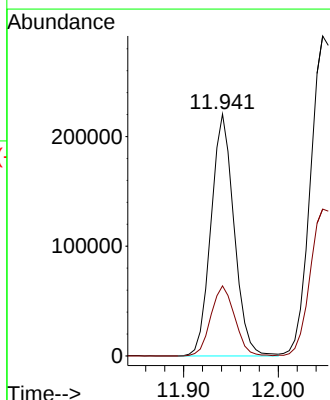
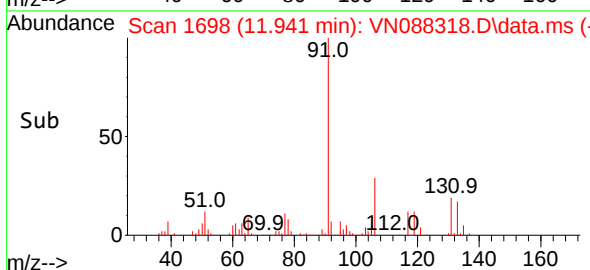
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

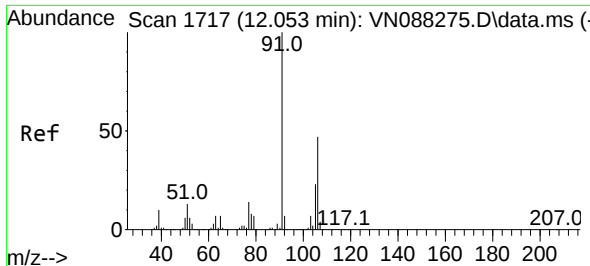


#66
Ethyl Benzene
Concen: 20.719 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



Tgt Ion: 91 Resp: 373810
Ion Ratio Lower Upper
91 100
106 28.9 24.4 36.6





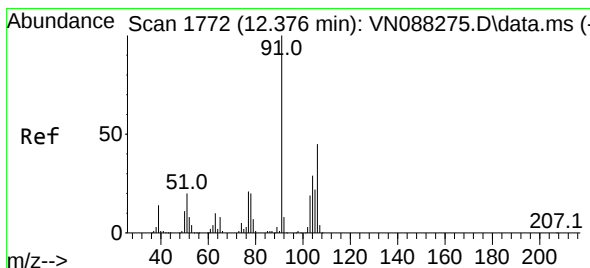
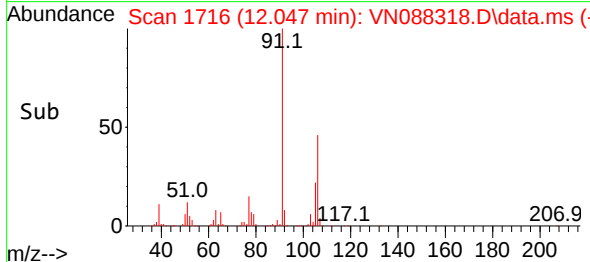
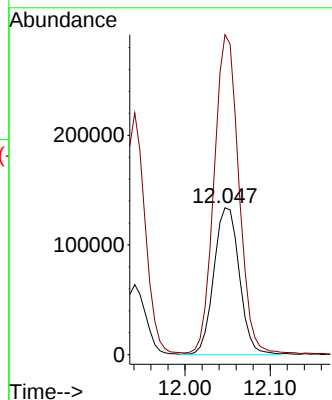
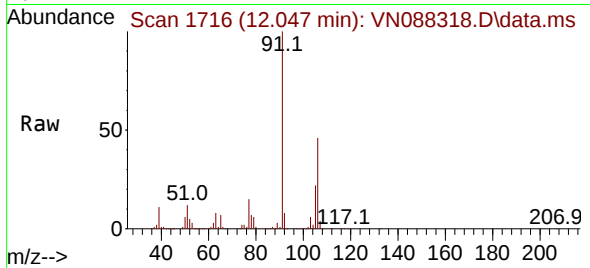
#67
m/p-Xylenes
Concen: 41.301 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01

Tgt Ion:106 Resp: 278659
Ion Ratio Lower Upper
106 100
91 212.4 168.3 252.5

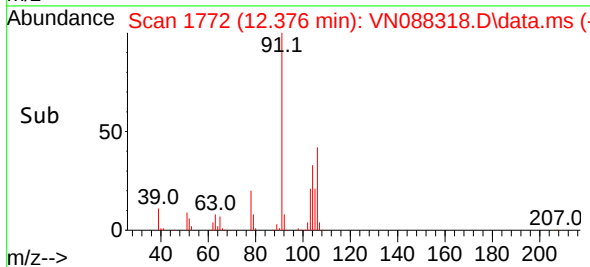
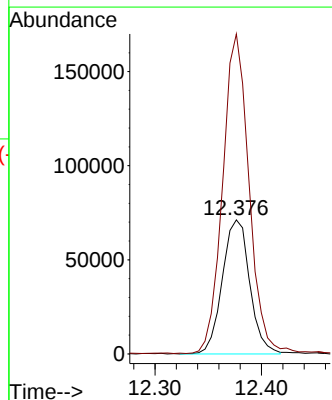
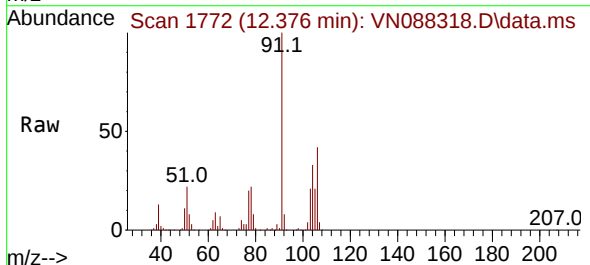
Manual Integrations
APPROVED

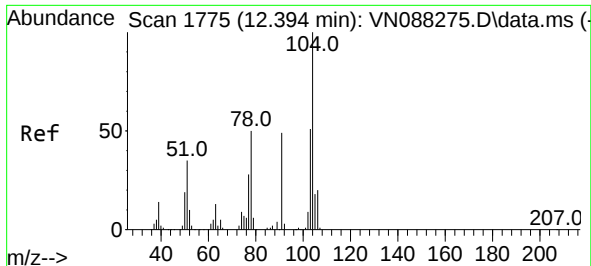
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#68
o-Xylene
Concen: 20.001 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

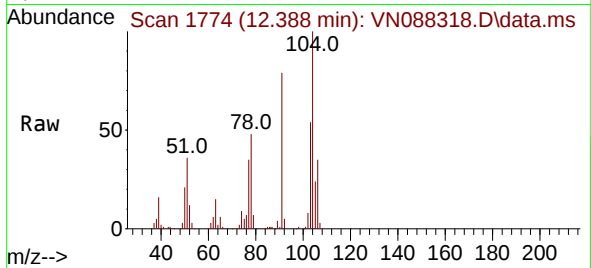
Tgt Ion:106 Resp: 127302
Ion Ratio Lower Upper
106 100
91 230.1 114.0 342.0





#69
Styrene
Concen: 20.198 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

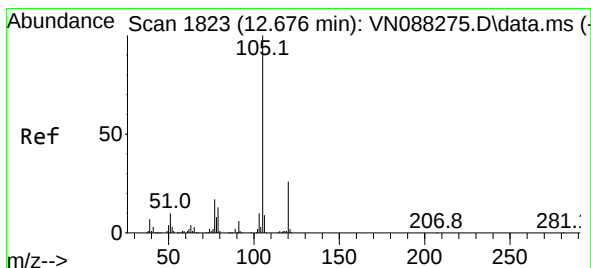
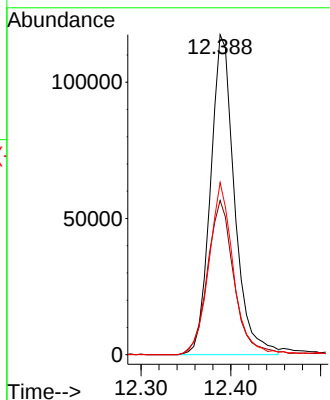
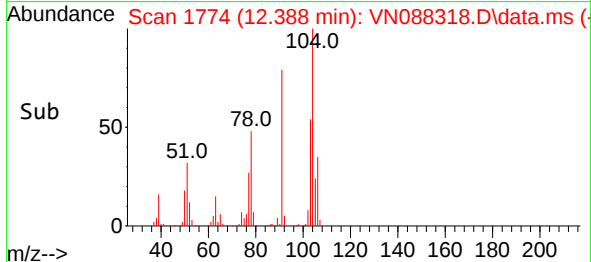
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



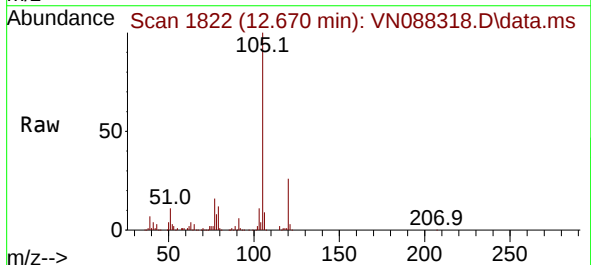
Tgt Ion:104 Resp: 218334
Ion Ratio Lower Upper
104 100
78 53.1 43.8 65.8
103 55.3 44.8 67.2

Manual Integrations
APPROVED

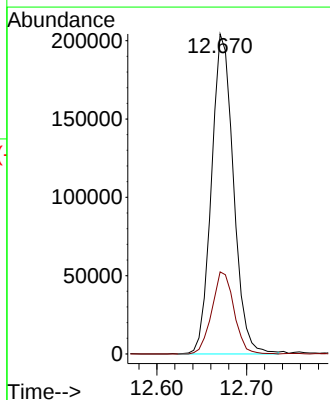
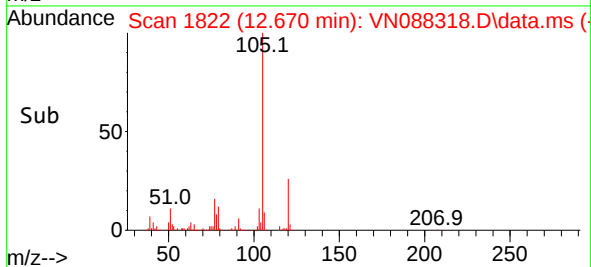
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

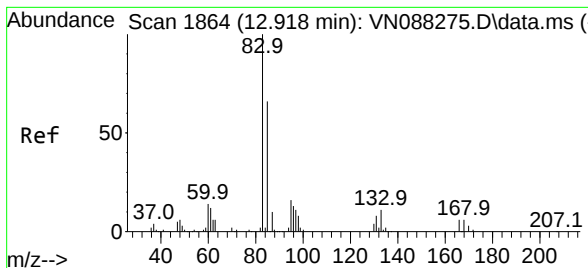


#70
Isopropylbenzene
Concen: 20.634 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



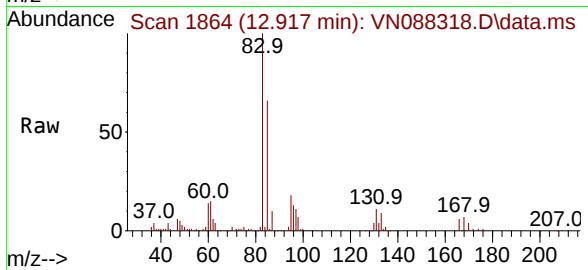
Tgt Ion:105 Resp: 348045
Ion Ratio Lower Upper
105 100
120 25.7 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 20.787 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

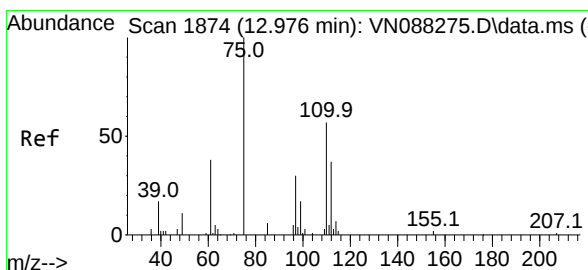
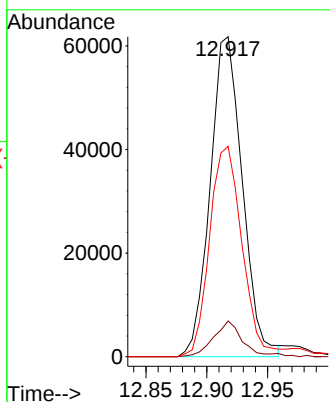
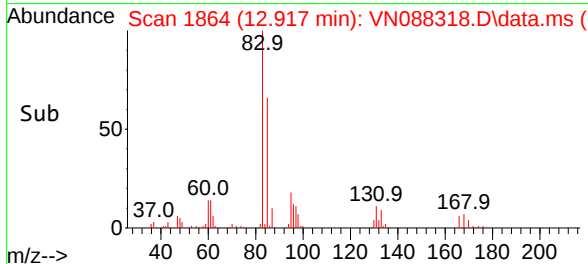
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



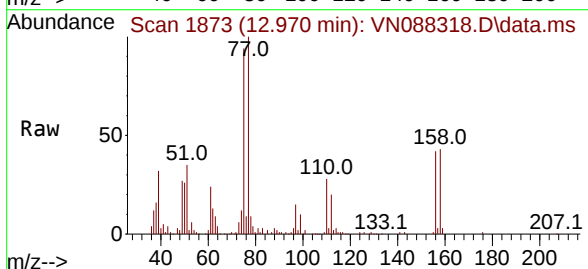
Tgt Ion: 83 Resp: 113570
Ion Ratio Lower Upper
83 100
131 9.8 4.3 12.9
85 66.1 32.4 97.2

Manual Integrations
APPROVED

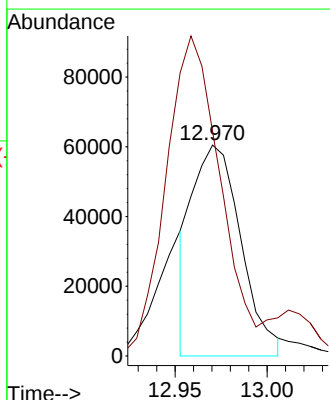
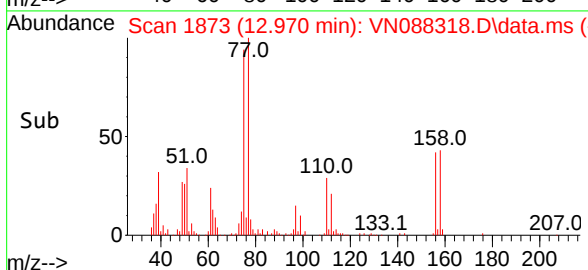
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

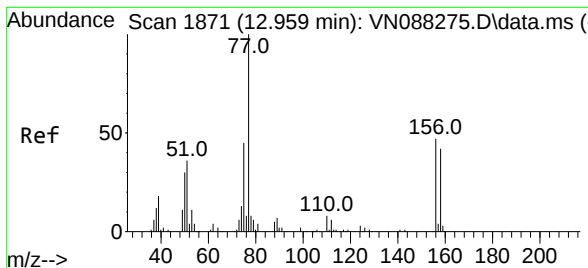


#72
1,2,3-Trichloropropane
Concen: 20.990 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



Tgt Ion: 75 Resp: 111102
Ion Ratio Lower Upper
75 100
77 167.8 0.0 386.6





#73

Bromobenzene

Concen: 21.343 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

Instrument :

MSVOA_N

ClientSampleId :

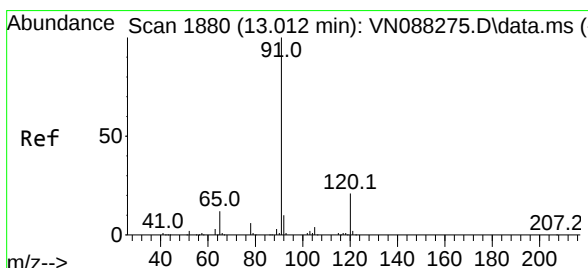
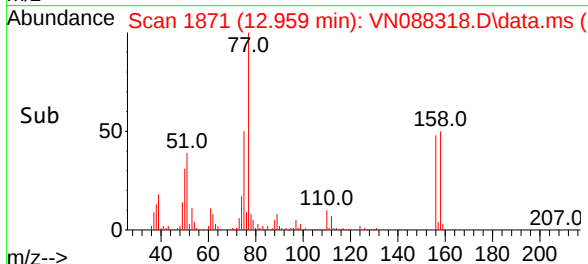
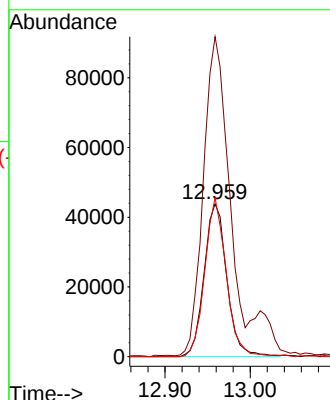
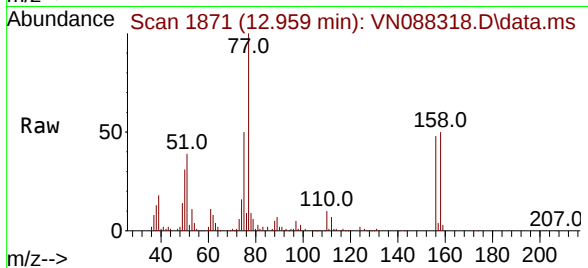
VN1120WBS01

Tgt Ion:	156	Resp:	81275
Ion Ratio	Lower	Upper	
156	100		
77	229.4	0.0	493.4
158	97.6	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#74

n-propylbenzene

Concen: 21.056 ug/l

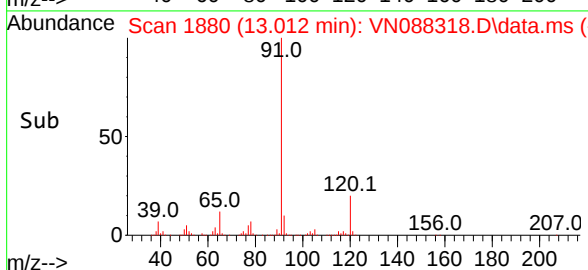
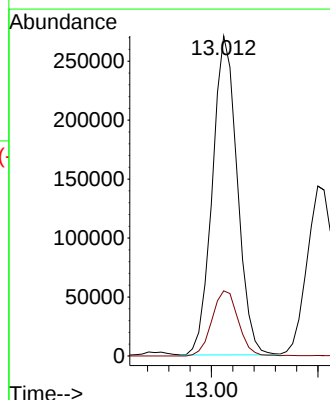
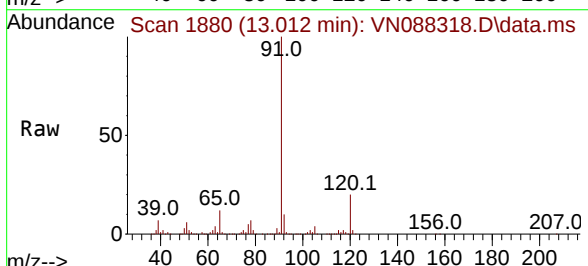
RT: 13.012 min Scan# 1880

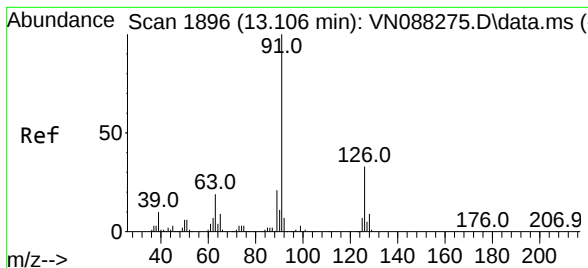
Delta R.T. -0.000 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

Tgt Ion:	91	Resp:	439519
Ion Ratio	Lower	Upper	
91	100		
120	21.4	0.0	43.2





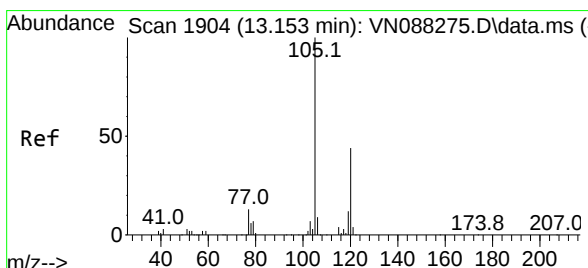
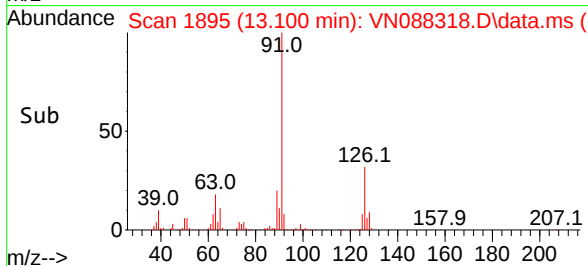
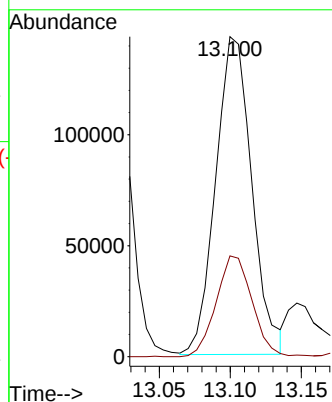
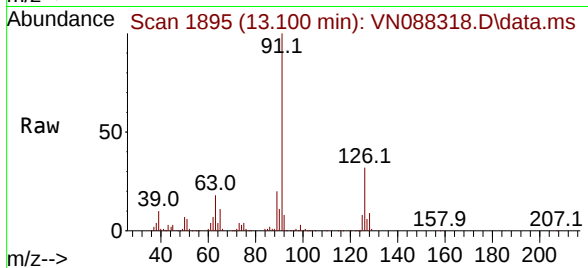
#75
2-Chlorotoluene
Concen: 19.970 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01

Tgt Ion: 91 Resp: 25347
Ion Ratio Lower Upper
91 100
126 31.4 0.0 62.0

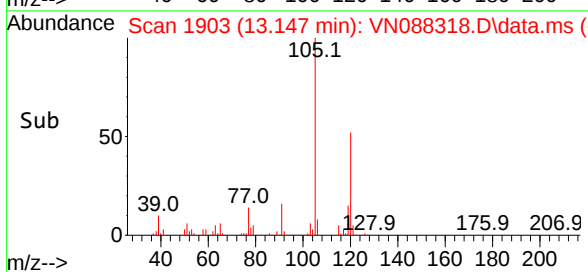
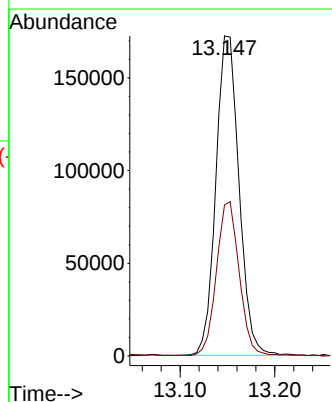
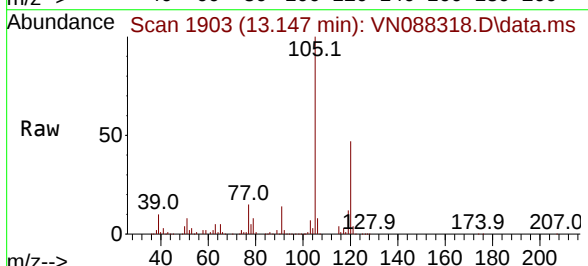
Manual Integrations
APPROVED

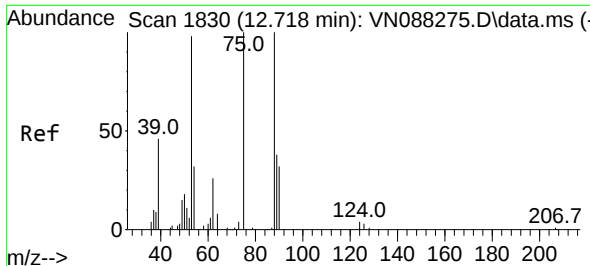
Reviewed By :John Carbone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.695 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

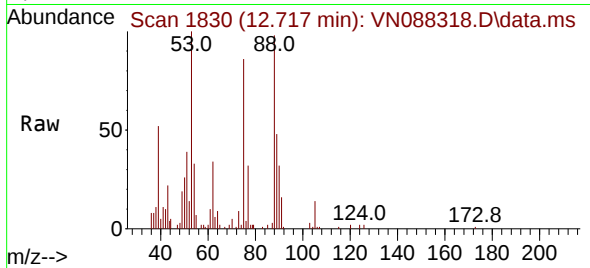
Tgt Ion:105 Resp: 293019
Ion Ratio Lower Upper
105 100
120 47.3 0.0 94.6





#77
t-1,4-Dichloro-2-butene
Concen: 19.545 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

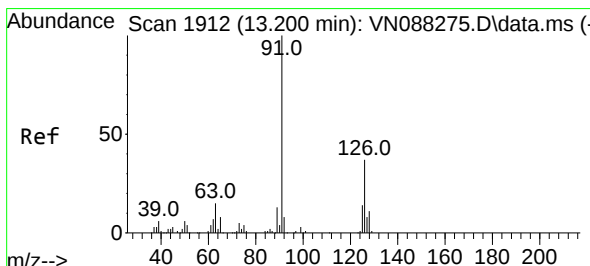
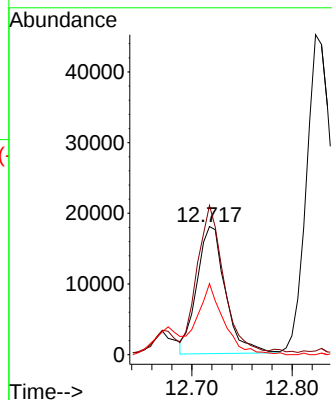
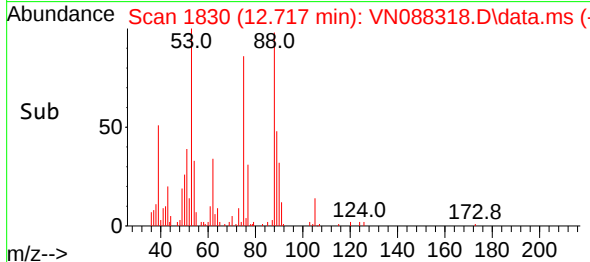
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



Tgt Ion: 75 Resp: 3552
Ion Ratio Lower Upper
75 100
53 115.4 50.0 150.0
89 55.3 22.3 66.9

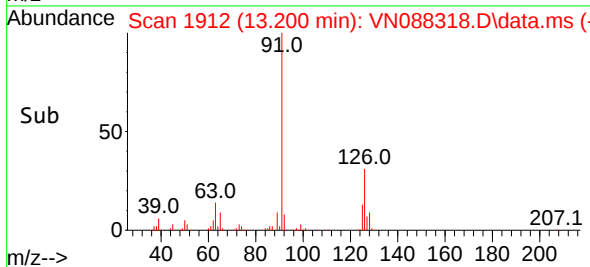
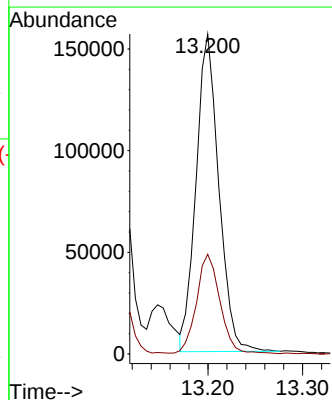
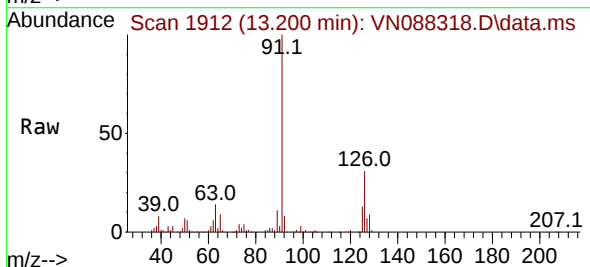
Manual Integrations
APPROVED

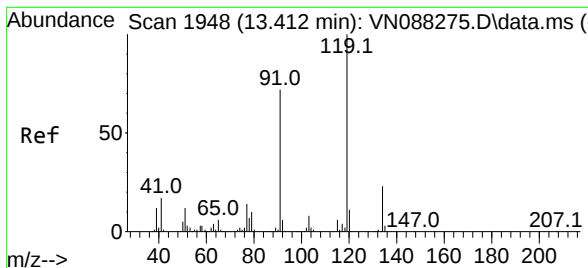
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#78
4-Chlorotoluene
Concen: 20.303 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

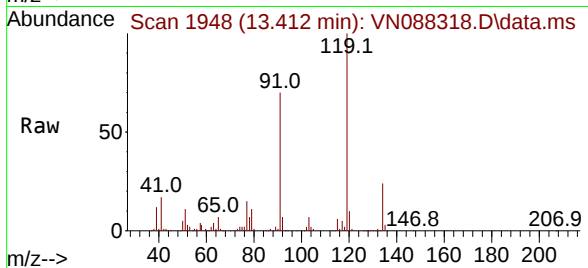
Tgt Ion: 91 Resp: 261153
Ion Ratio Lower Upper
91 100
126 32.7 0.0 60.8





#79
tert-butylbenzene
Concen: 20.576 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

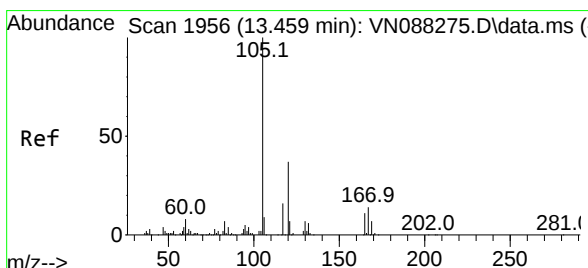
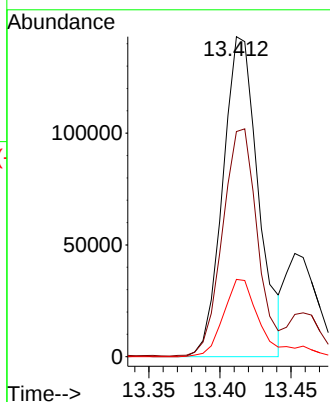
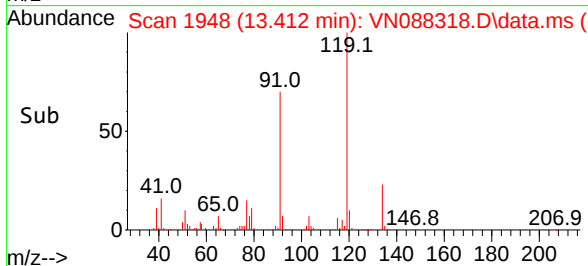
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



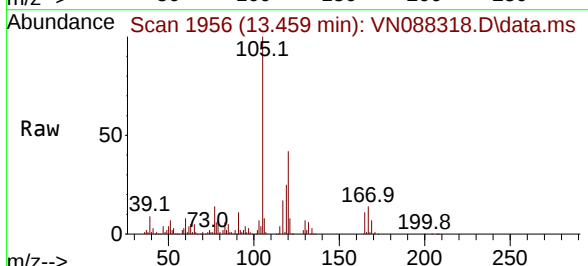
Tgt Ion:119 Resp: 249424
Ion Ratio Lower Upper
119 100
91 69.7 0.0 140.8
134 24.2 0.0 48.4

Manual Integrations
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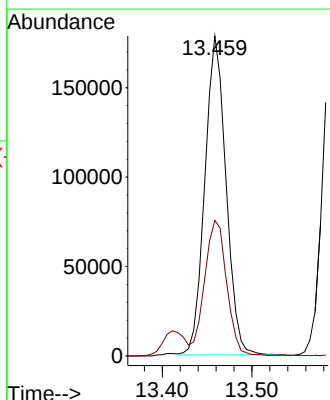
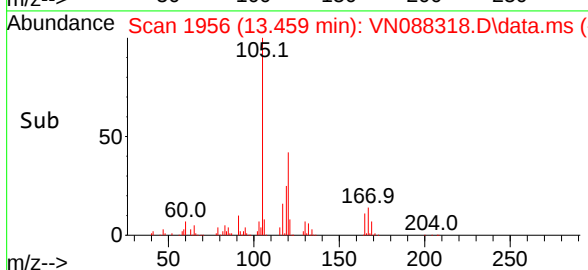
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

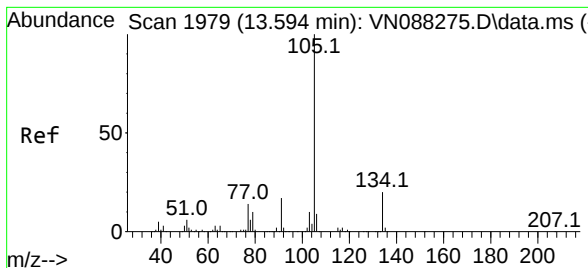


#80
1,2,4-Trimethylbenzene
Concen: 20.736 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



Tgt Ion:105 Resp: 291955
Ion Ratio Lower Upper
105 100
120 44.2 0.0 89.2





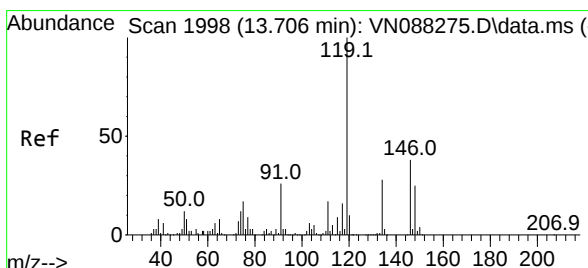
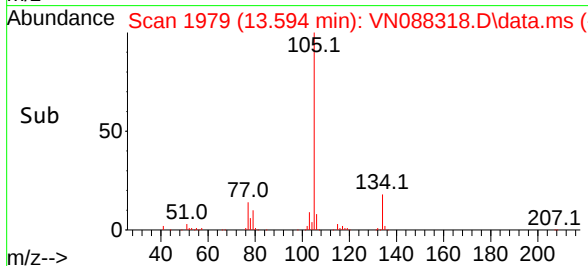
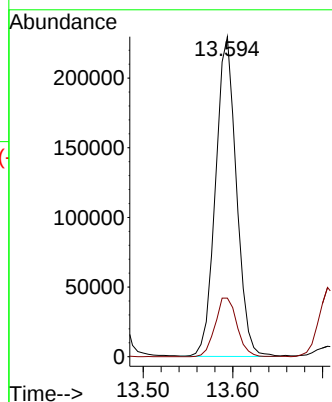
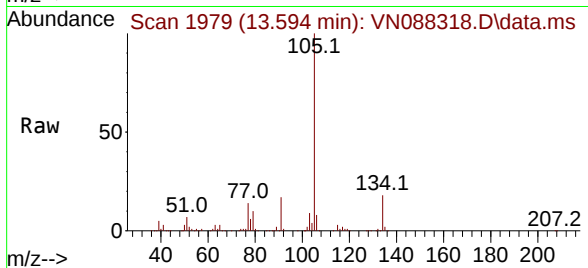
#81
 sec-Butylbenzene
 Concen: 20.950 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088318.D
 Acq: 20 Nov 2025 09:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBS01

Tgt Ion:105 Resp: 37041
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.4

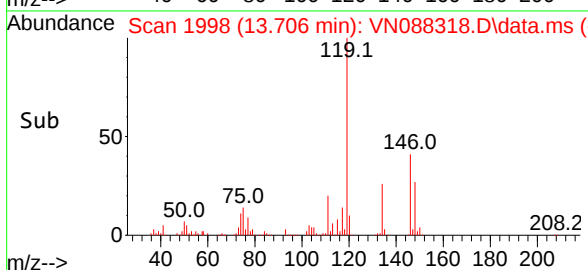
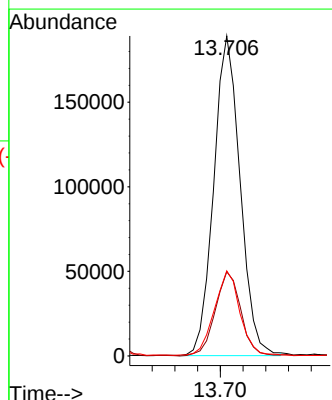
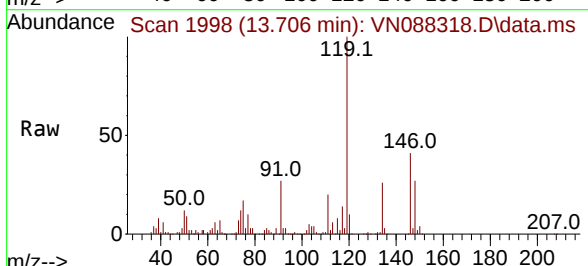
Manual Integrations
 APPROVED

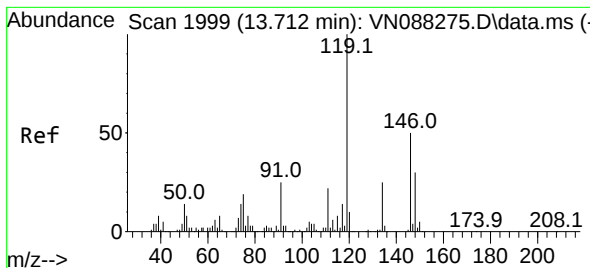
Reviewed By :John Carbone 11/21/2025
 Supervised By :Semsettin Yesilyurt 11/21/2025



#82
 p-Isopropyltoluene
 Concen: 20.893 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088318.D
 Acq: 20 Nov 2025 09:49

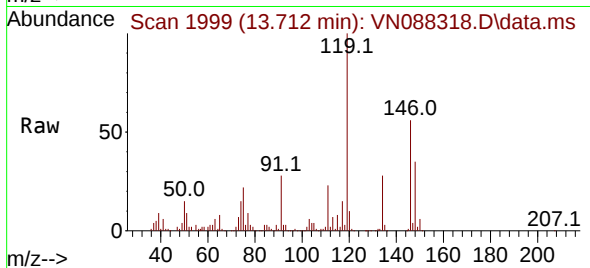
Tgt Ion:119 Resp: 305244
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.2
 91 25.8 0.0 53.4





#83
1,3-Dichlorobenzene
Concen: 21.092 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

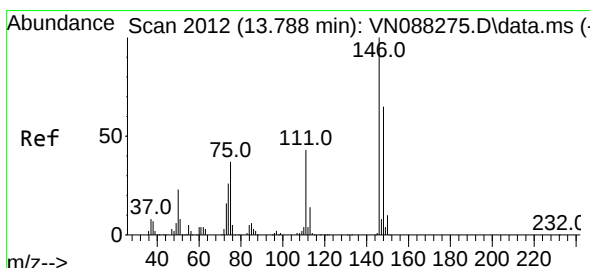
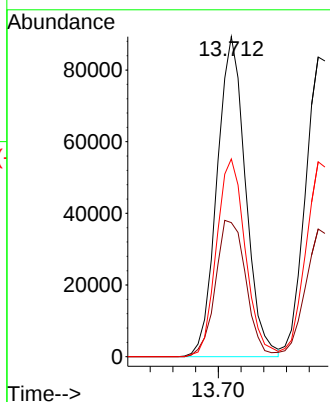
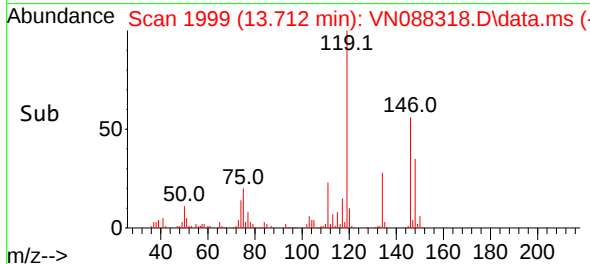
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



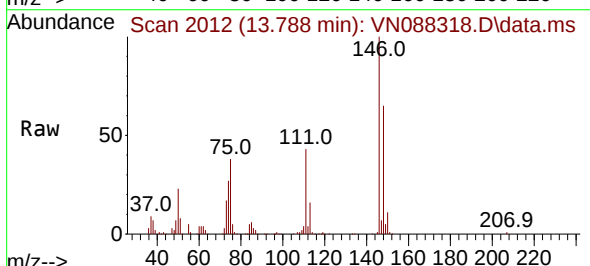
Tgt Ion:146 Resp: 15605
Ion Ratio Lower Upper
146 100
111 45.1 22.1 66.5
148 62.7 31.4 94.3

Manual Integrations
APPROVED

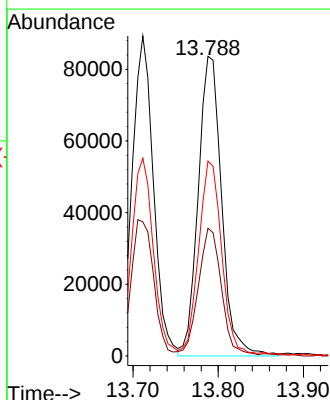
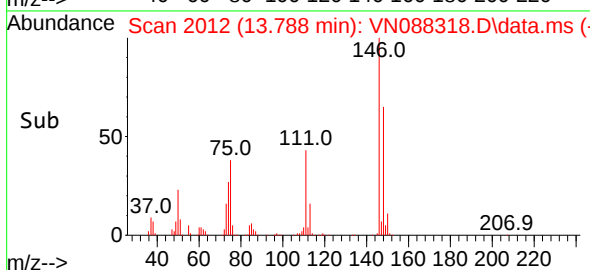
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025

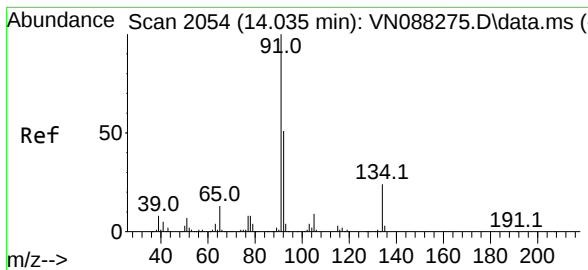


#84
1,4-Dichlorobenzene
Concen: 21.376 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



Tgt Ion:146 Resp: 160164
Ion Ratio Lower Upper
146 100
111 42.3 21.8 65.3
148 64.2 31.9 95.5





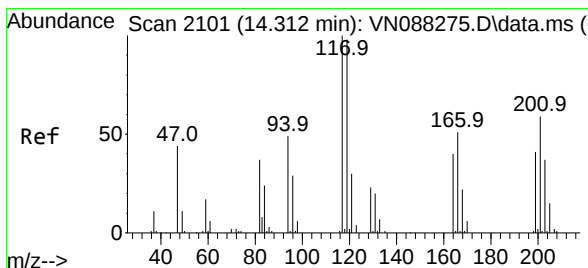
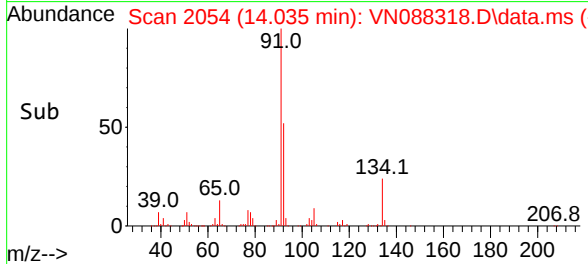
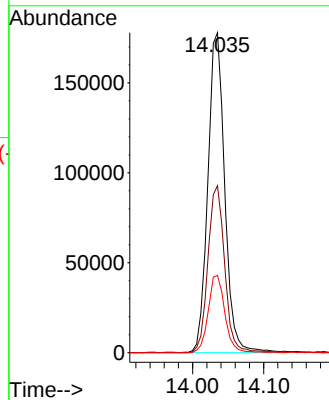
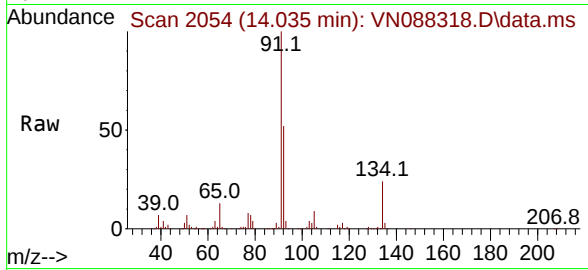
#85
n-Butylbenzene
Concen: 21.165 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01

Tgt Ion: 91 Resp: 29469
Ion Ratio Lower Upper
91 100
92 51.9 0.0 102.4
134 23.8 0.0 45.8

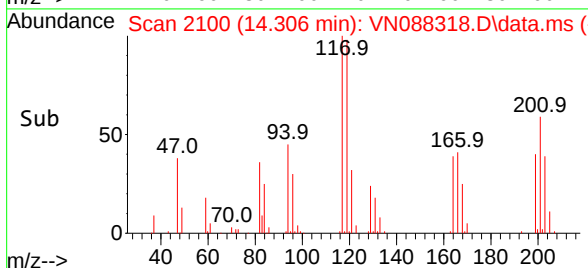
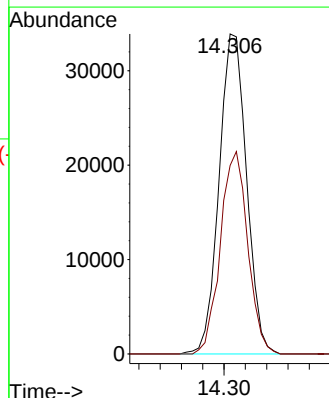
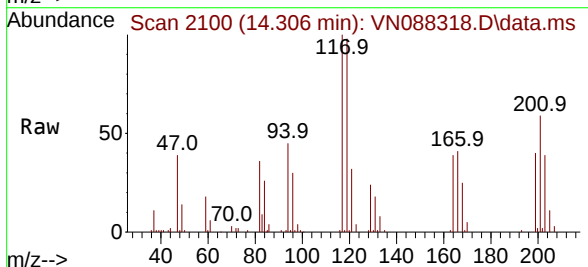
Manual Integrations
APPROVED

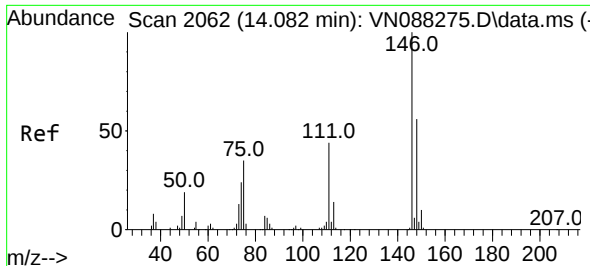
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#86
Hexachloroethane
Concen: 21.675 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Tgt Ion:117 Resp: 60631
Ion Ratio Lower Upper
117 100
201 63.0 30.6 92.0





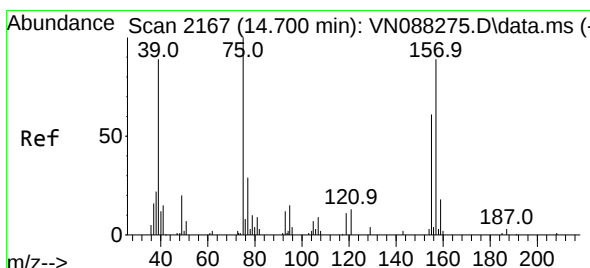
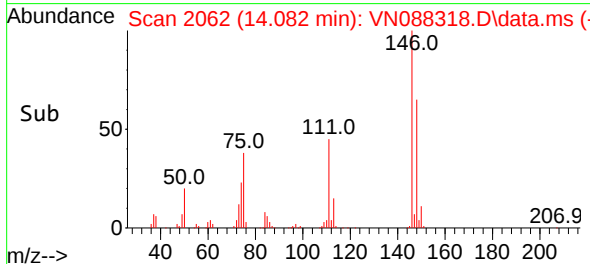
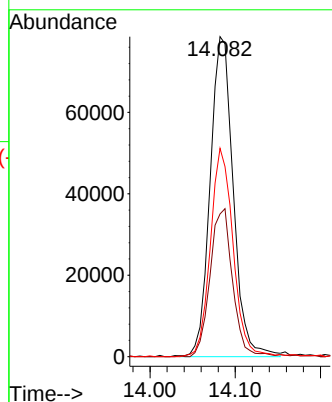
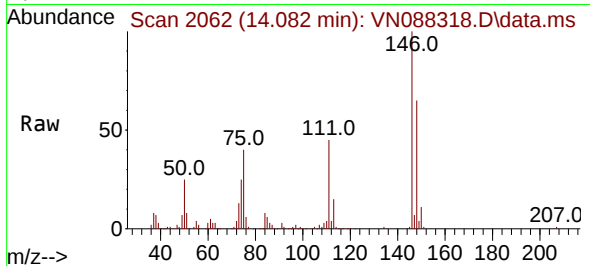
#87
1,2-Dichlorobenzene
Concen: 21.247 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01

Tgt Ion:146 Resp: 148370
Ion Ratio Lower Upper
146 100
111 44.6 23.0 69.0
148 64.0 31.1 93.2

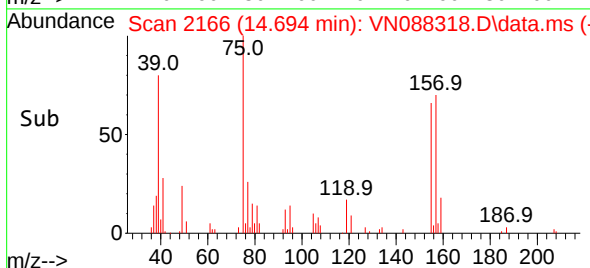
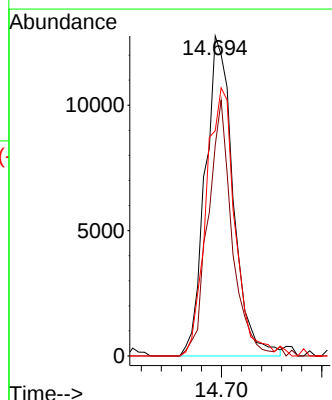
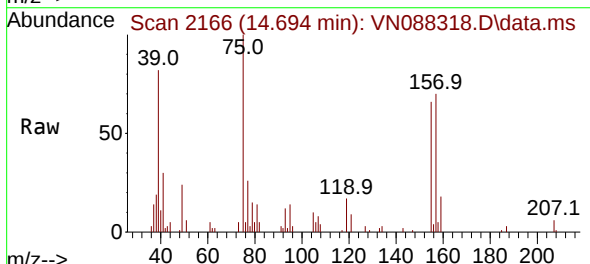
Manual Integrations
APPROVED

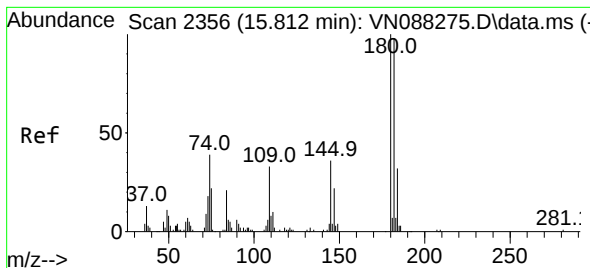
Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.245 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

Tgt Ion: 75 Resp: 24716
Ion Ratio Lower Upper
75 100
155 68.6 54.8 82.2
157 85.9 70.7 106.1





#89

1,2,4-Trichlorobenzene

Concen: 20.050 ug/l

RT: 15.811 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBS01

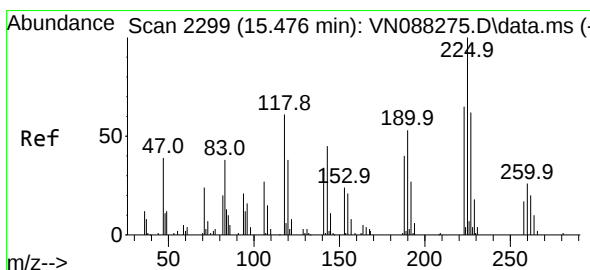
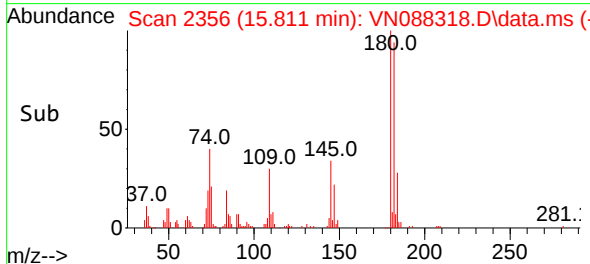
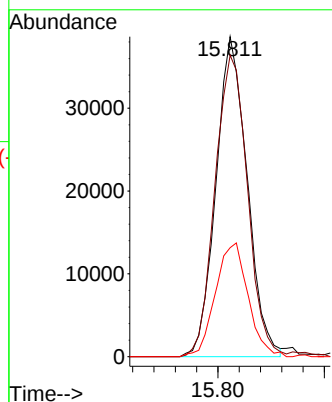
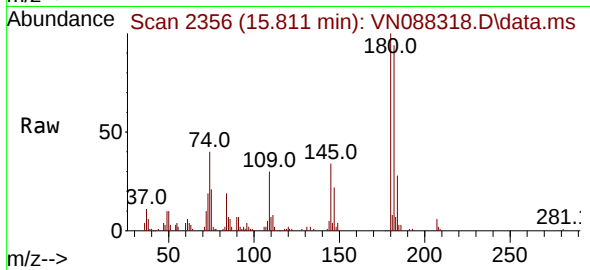
Tgt Ion:180	Resp:	7857
Ion Ratio	Lower	Upper
180	100	
182	97.8	77.3 115.9
145	37.1	30.2 45.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/21/2025

Supervised By :Semsettin Yesilyurt 11/21/2025



#90

Hexachlorobutadiene

Concen: 23.461 ug/l

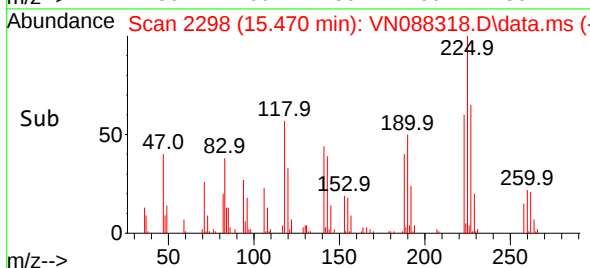
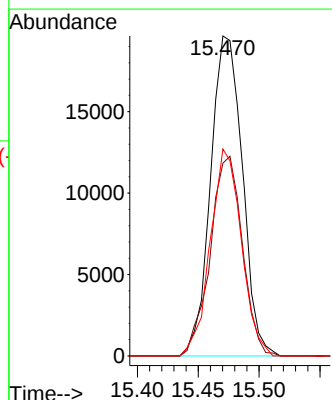
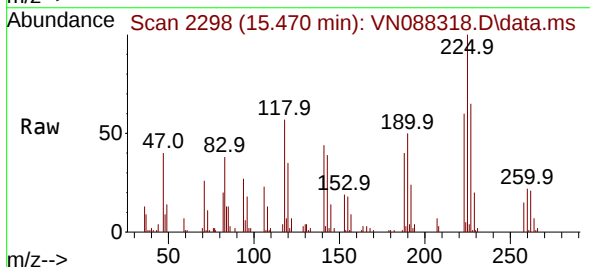
RT: 15.470 min Scan# 2298

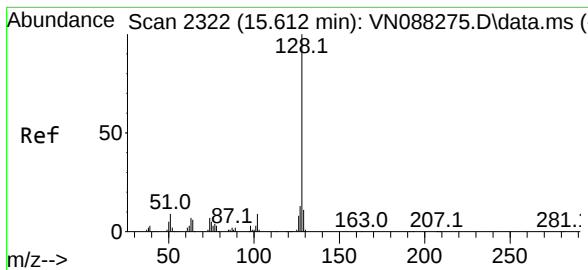
Delta R.T. -0.006 min

Lab File: VN088318.D

Acq: 20 Nov 2025 09:49

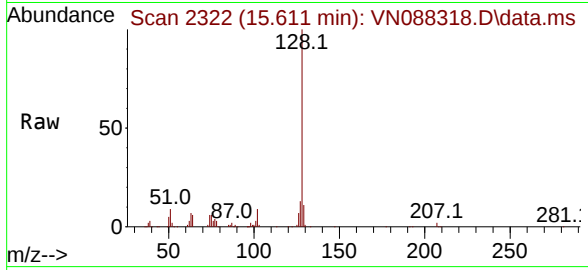
Tgt Ion:225	Resp:	35705
Ion Ratio	Lower	Upper
225	100	
223	63.1	0.0 132.0
227	63.1	0.0 132.6





#91
Naphthalene
Concen: 19.281 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49

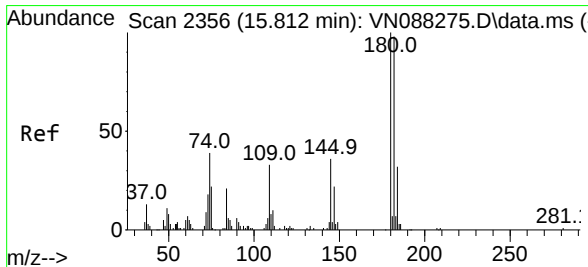
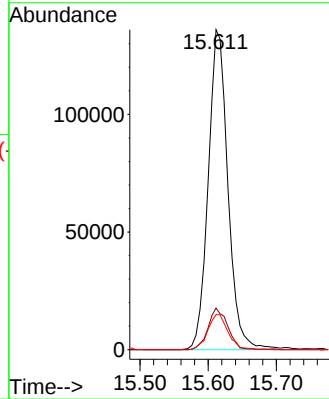
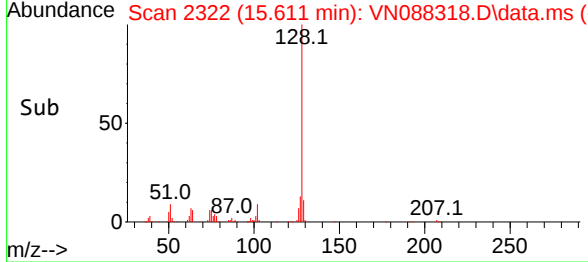
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBS01



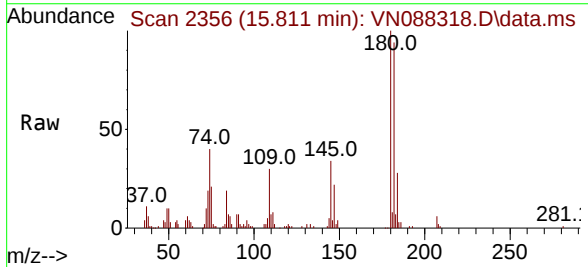
Tgt Ion:128 Resp: 273399
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2025
Supervised By :Semsettin Yesilyurt 11/21/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.050 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088318.D
Acq: 20 Nov 2025 09:49



Tgt Ion:180 Resp: 78572
Ion Ratio Lower Upper
180 100
182 97.8 0.0 193.2
145 37.1 0.0 75.6

