

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112025\
 Data File : VN088319.D
 Acq On : 20 Nov 2025 10:22
 Operator : JC\MD
 Sample : VN1120WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 21 02:56:21 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	57168	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	285463	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	261605	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	147762	28.296	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	94.333%
60) 4-Bromofluorobenzene	12.823	95	129366	29.253	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.500%
63) Toluene-d8	10.541	98	380124	30.691	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	76773	19.104	ug/l	95
3) Chloromethane	2.383	50	80163	19.347	ug/l	99
4) Vinyl Chloride	2.536	62	85076	19.419	ug/l	98
5) Bromomethane	2.983	94	47190	20.201	ug/l	97
6) Chloroethane	3.142	64	51896	19.164	ug/l	97
7) Trichlorofluoromethane	3.518	101	120386	19.600	ug/l	98
8) Diethyl Ether	3.965	74	43709	19.039	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	65229	20.243	ug/l	99
10) 1,1-Dichloroethene	4.342	96	61324	19.508	ug/l	84
11) Methyl Iodide	4.583	142	59628	17.824	ug/l	88
12) Methyl Acetate	5.018	43	100424	19.802	ug/l	98
13) Acrolein	4.177	56	98928	132.581	ug/l	95
14) Acrylonitrile	5.712	53	225510	97.857	ug/l	99
15) Acetone	4.418	58	63487	94.207	ug/l	95
16) Carbon Disulfide	4.712	76	201244	18.981	ug/l	98
17) Allyl chloride	5.018	41	108063	17.690	ug/l	98
18) Methylene Chloride	5.277	84	75886m	19.421	ug/l	
19) trans-1,2-Dichloroethene	5.777	96	69304	18.932	ug/l	87
20) Diisopropyl ether	6.659	45	251960	19.302	ug/l	96
21) 1,1-Dichloroethane	6.553	63	142469	19.372	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	81653	19.192	ug/l	98
23) tert-Butyl Alcohol	5.512	59	68882	81.289	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	241923	19.087	ug/l	99
25) Chloroform	7.953	83	143036	19.628	ug/l	96
26) Cyclohexane	8.235	56	113822	18.323	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	94972	19.939	ug/l	98
30) 2-Butanone	7.471	43	312999	101.588	ug/l	99
31) 2,2-Dichloropropane	7.471	77	123378	21.001	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	122481	20.860	ug/l	98
33) Carbon Tetrachloride	8.341	117	103947	20.731	ug/l	98
34) Benzene	8.588	78	294559	20.689	ug/l	98
35) Methacrylonitrile	7.759	41	66313	20.634	ug/l	95
36) 1,2-Dichloroethane	8.653	62	114702	20.701	ug/l	100
37) Trichloroethene	9.335	130	68380	21.194	ug/l	94
38) Methylcyclohexane	9.582	83	106131	19.435	ug/l	99
39) 1,2-Dichloropropane	9.600	63	78005	21.236	ug/l	89
40) Dibromomethane	9.688	93	56616	21.453	ug/l	98
41) Bromodichloromethane	9.871	83	114051	21.468	ug/l	99
42) Vinyl Acetate	6.589	43	1098774	106.850	ug/l	100

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 Supervised By :Semsettin
 Cesilyurt

11/21/2025

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Quant Time: Nov 21 02:56:21 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)
43) Ethyl Acetate	7.541	43	132783	21.419	ug/l	98
44) Isopropyl Acetate	8.671	43	197773	20.701	ug/l	100
45) 1,4-Dioxane	9.677	88	21463	373.062	ug/l	96
46) Methyl methacrylate	9.665	41	91092	20.376	ug/l	96
47) n-amyl Acetate	12.570	43	76961m	15.897	ug/l	
48) t-1,3-Dichloropropene	10.812	75	115612	20.346	ug/l	98
49) cis-1,3-Dichloropropene	10.288	75	122671	20.748	ug/l	98
50) 1,1,2-Trichloroethane	10.994	97	71560	21.929	ug/l	97
51) Ethyl methacrylate	10.853	69	103494	19.276	ug/l	98
52) 1,3-Dichloropropane	11.141	76	124502	20.949	ug/l	98
53) Dibromochloromethane	11.335	129	81206	21.664	ug/l	99
54) 1,2-Dibromoethane	11.447	107	71329	21.037	ug/l	98
55) 2-Chloroethyl vinyl ether	10.141	63	282197	91.244	ug/l	97
56) Bromoform	12.559	173	50101	21.117	ug/l	96
58) 4-Methyl-2-Pentanone	10.424	43	614867	103.918	ug/l	100
59) 2-Hexanone	11.176	43	399048	101.566	ug/l	100
61) Tetrachloroethene	11.082	164	57183	21.201	ug/l	94
62) Toluene	10.606	91	308506	20.550	ug/l	99
64) Chlorobenzene	11.871	112	191612	20.608	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.941	131	66552	20.913	ug/l	97
66) Ethyl Benzene	11.941	91	329608	19.921	ug/l	99
67) m/p-Xylenes	12.047	106	244655	39.540	ug/l	97
68) o-Xylene	12.376	106	117332	20.102	ug/l	95
69) Styrene	12.388	104	198890	20.062	ug/l	99
70) Isopropylbenzene	12.676	105	307152	19.856	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.918	83	109342	21.821	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	104263m	21.478	ug/l	
73) Bromobenzene	12.959	156	73392	21.016	ug/l	97
74) n-propylbenzene	13.012	91	386385	20.184	ug/l	100
75) 2-Chlorotoluene	13.100	91	227632	19.555	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	260668	20.075	ug/l	99
77) t-1,4-Dichloro-2-butene	12.718	75	33658	20.190	ug/l	88
78) 4-Chlorotoluene	13.200	91	231642	19.637	ug/l	100
79) tert-butylbenzene	13.418	119	218757	19.678	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	258295	20.004	ug/l	99
81) sec-Butylbenzene	13.594	105	327046	20.170	ug/l	99
82) p-Isopropyltoluene	13.706	119	265333	19.803	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	141326	20.829	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	142695	20.767	ug/l	95
85) n-Butylbenzene	14.035	91	255540	20.012	ug/l	99
86) Hexachloroethane	14.312	117	51486	20.070	ug/l	97
87) 1,2-Dichlorobenzene	14.082	146	134931	21.068	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.694	75	23604	20.041	ug/l	98
89) 1,2,4-Trichlorobenzene	15.811	180	73575	20.472	ug/l	97
90) Hexachlorobutadiene	15.476	225	30541	21.882	ug/l	99
91) Naphthalene	15.617	128	253021	19.458	ug/l	100
92) 1,2,3-Trichlorobenzene	15.811	180	73575	20.472	ug/l	97

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

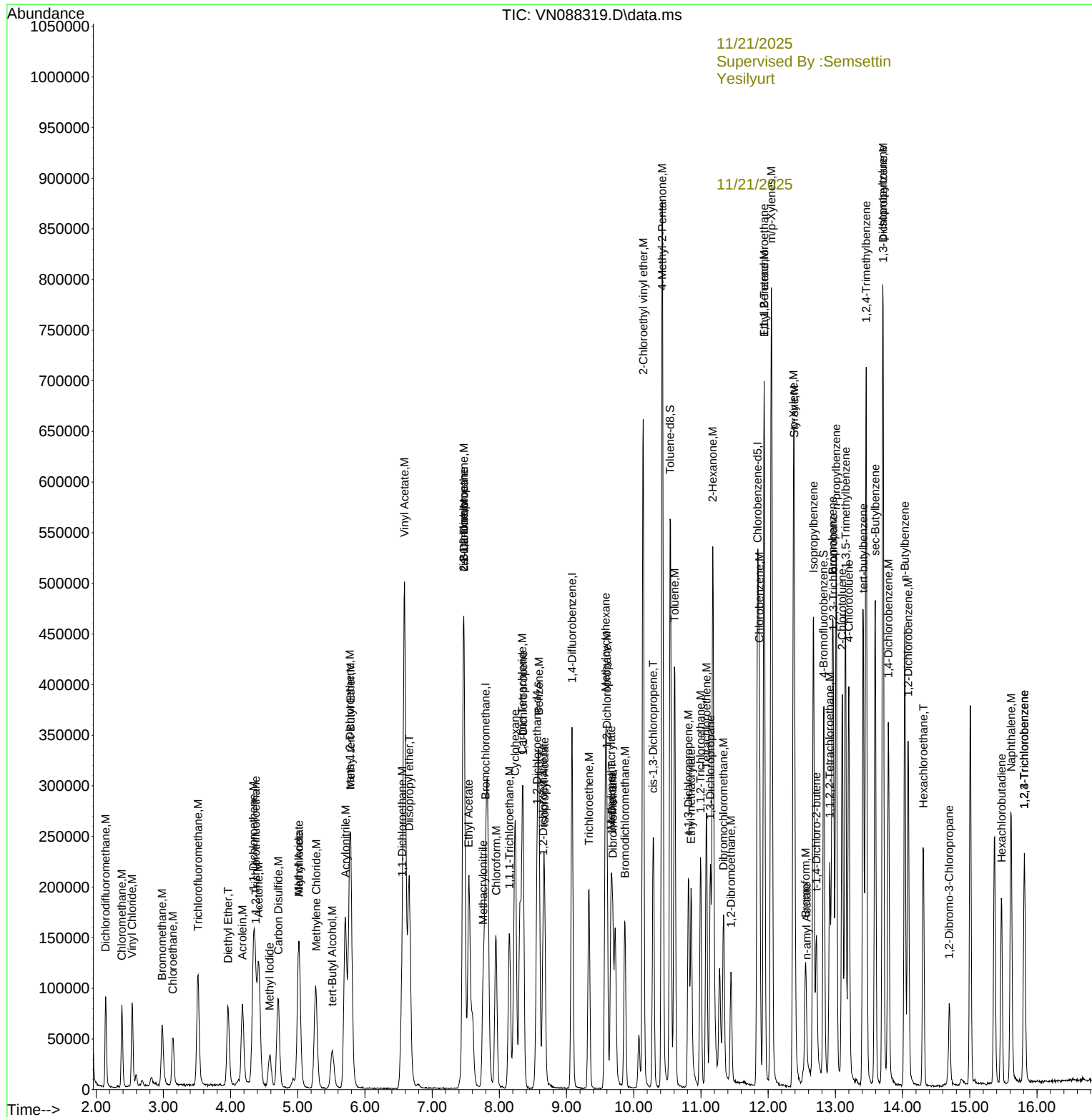
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Data File : VN088319.D
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

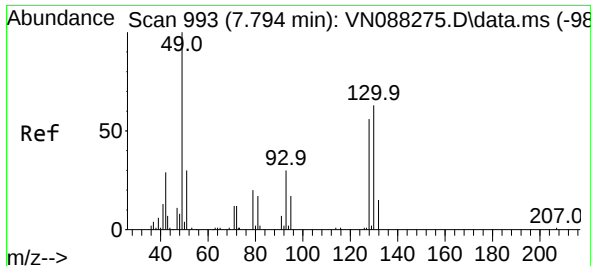
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Manual Integrations
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Response via : Initial Calibration





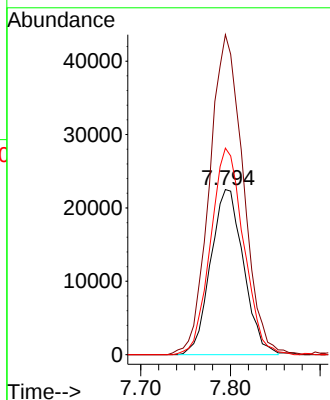
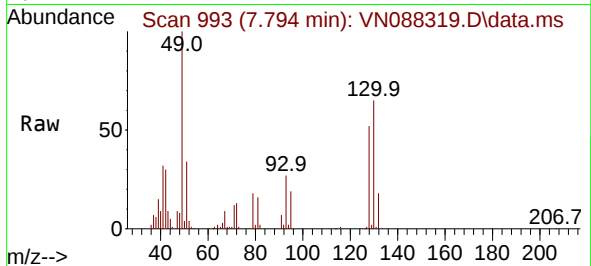
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion:128 Resp: 57168
Ion Ratio Lower Upper
128 100
49 199.1 0.0 501.2
130 126.2 0.0 320.2

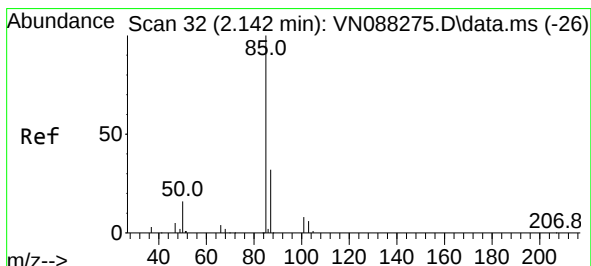
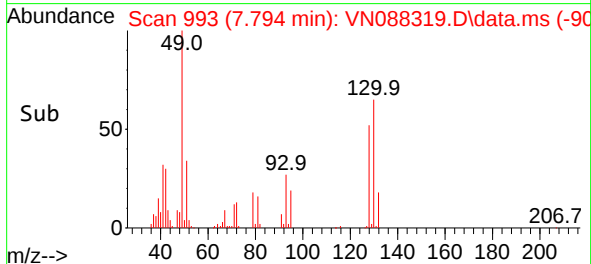
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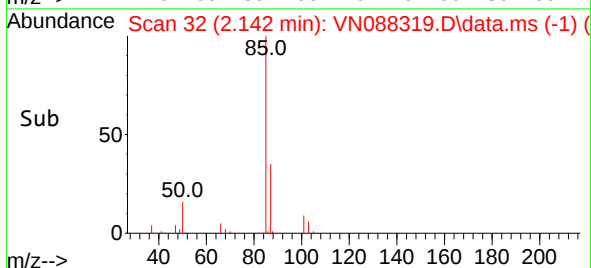
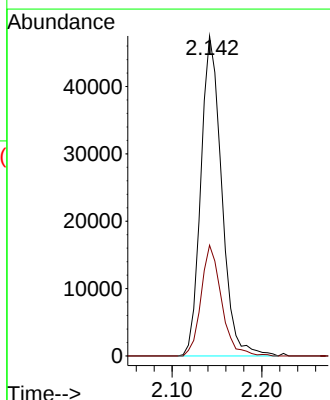
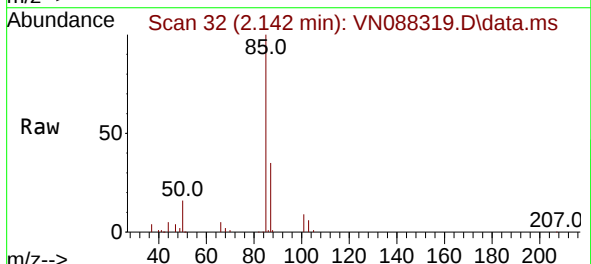
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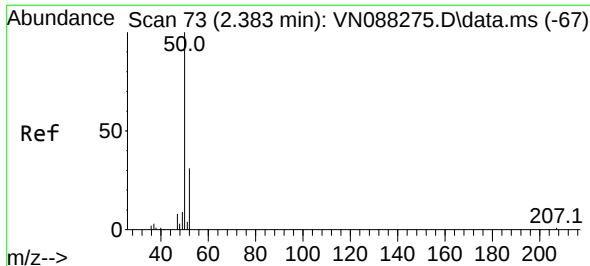
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#2
Dichlorodifluoromethane
Concen: 19.104 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

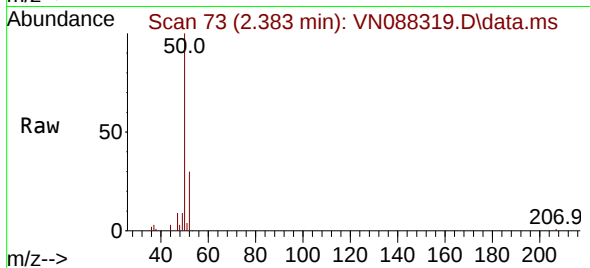
Tgt Ion: 85 Resp: 76773
Ion Ratio Lower Upper
85 100
87 34.6 16.0 48.0





#3
Chloromethane
Concen: 19.347 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

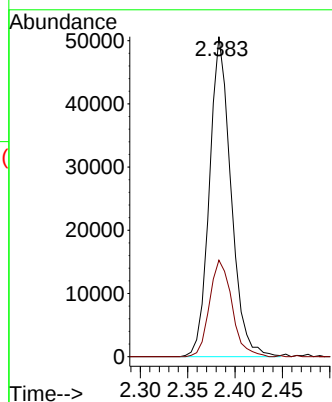
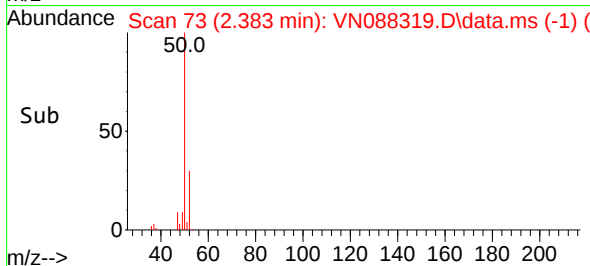
Instrument :
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VN1120WBSD01



Tgt Ion: 50 Resp: 8016
Ion Ratio Lower Upper
50 100
52 30.2 24.6 36.8

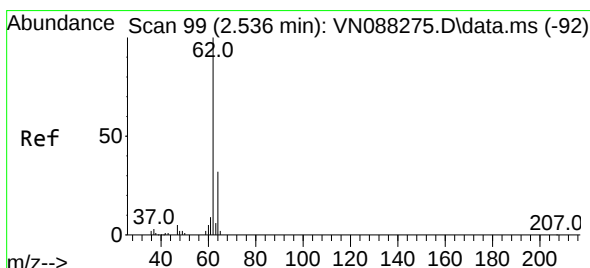
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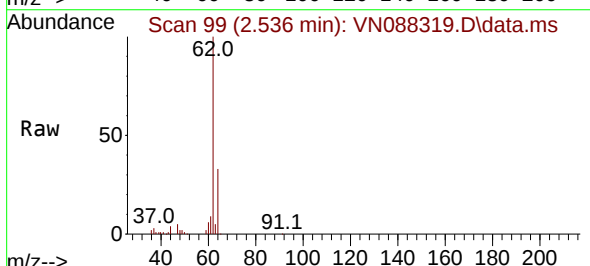


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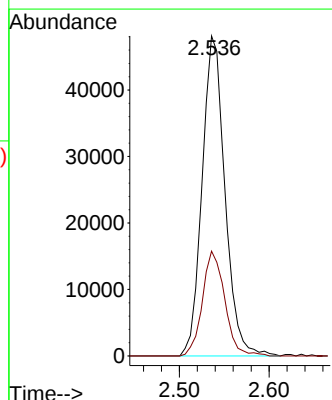
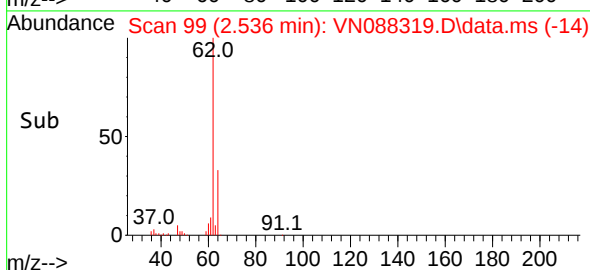
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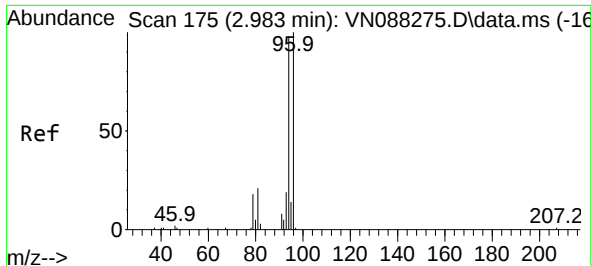


#4
Vinyl Chloride
Concen: 19.419 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



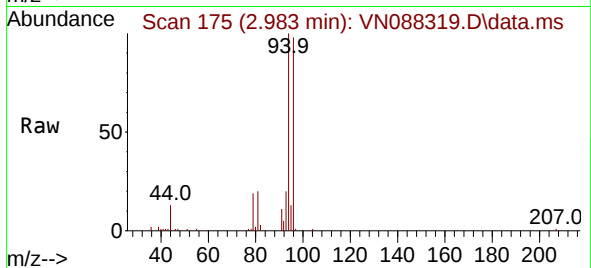
Tgt Ion: 62 Resp: 85076
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.2





#5
Bromomethane
Concen: 20.201 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

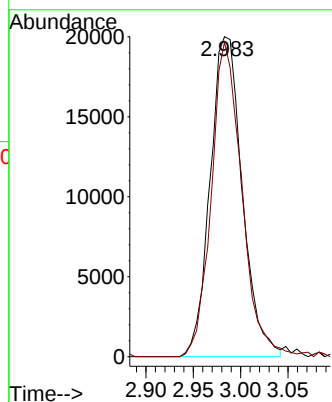
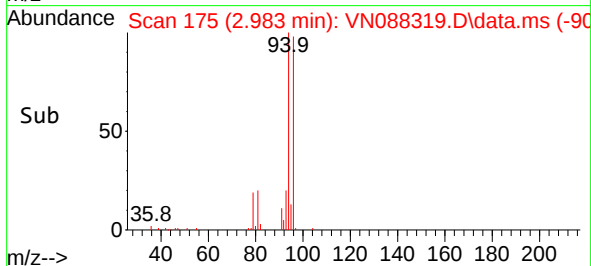
Instrument :
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VN1120WBSD01



Tgt Ion: 94 Resp: 47190
Ion Ratio Lower Upper
94 100
96 98.3 81.3 121.9

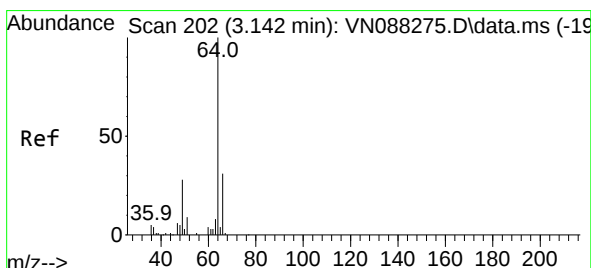
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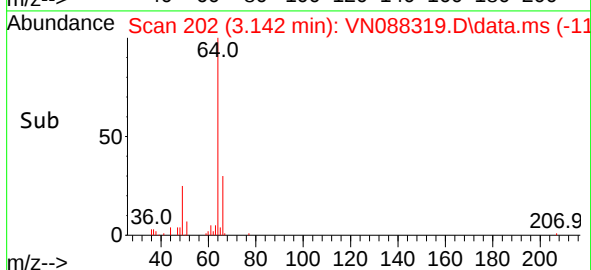
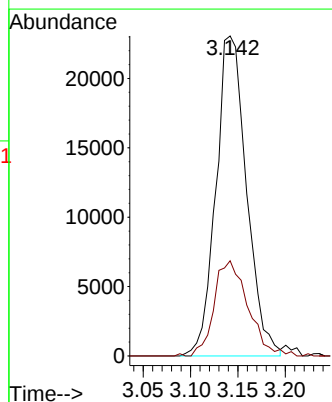
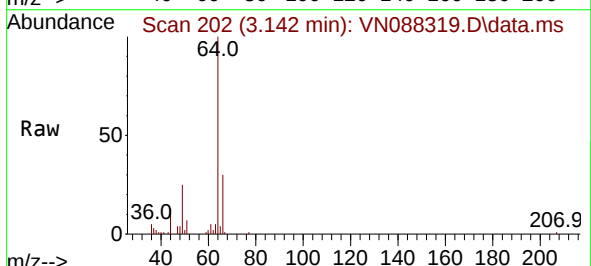
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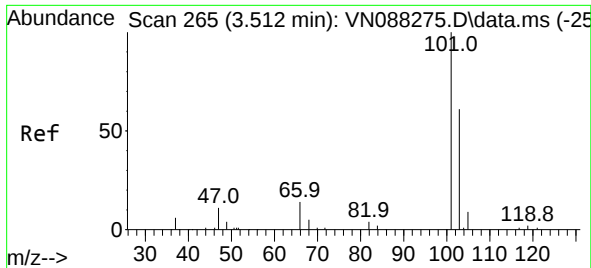
11/21/2025



#6
Chloroethane
Concen: 19.164 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

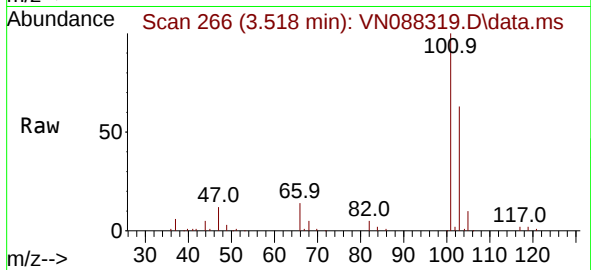
Tgt Ion: 64 Resp: 51896
Ion Ratio Lower Upper
64 100
66 29.1 24.7 37.1





#7
Trichlorofluoromethane
Concen: 19.600 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

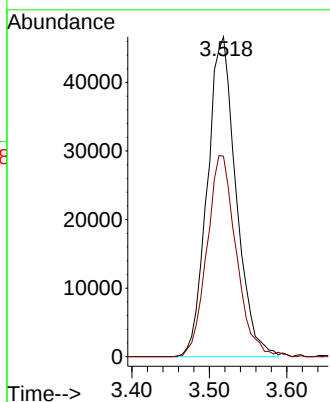
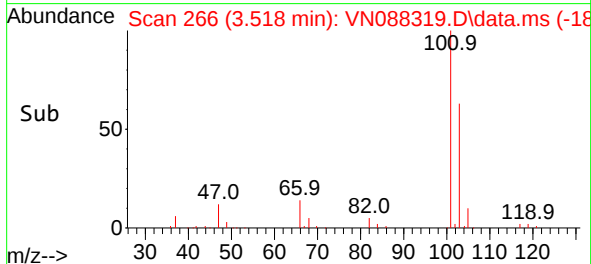
Instrument :
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ClientSampleId :
VN1120WBSD01



Tgt Ion:101 Resp: 120380
Ion Ratio Lower Upper
101 100
103 62.3 48.6 73.0

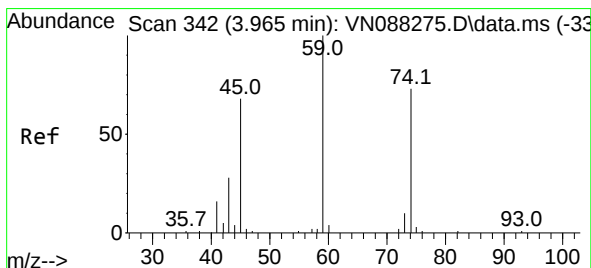
Manual Integrations
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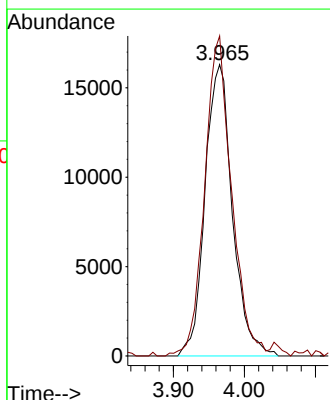
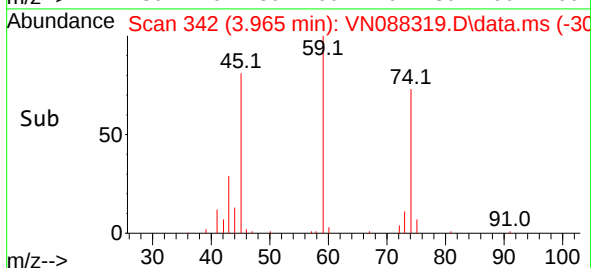
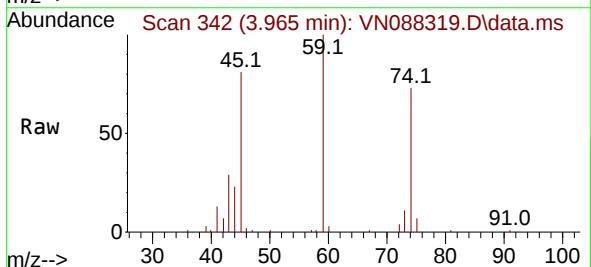
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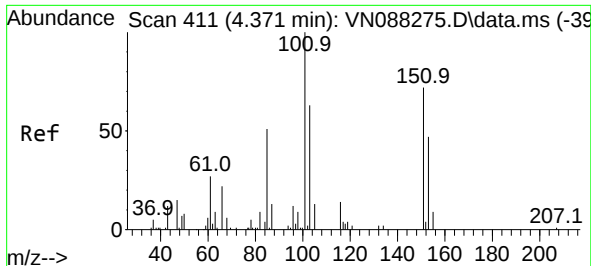
11/21/2025



#8
Diethyl Ether
Concen: 19.039 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion: 74 Resp: 43709
Ion Ratio Lower Upper
74 100
45 107.9 20.9 187.7





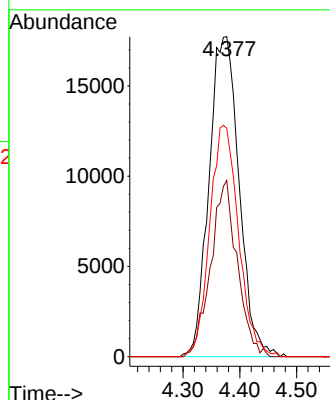
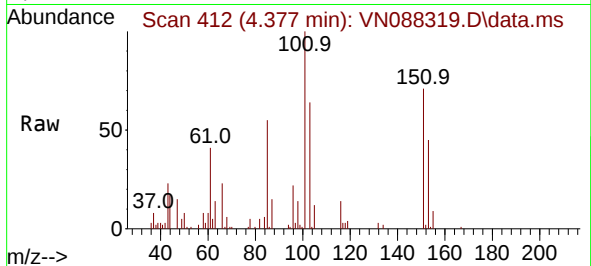
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.243 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 65229
Ion Ratio Lower Upper
101 100
85 48.1 0.0 100.8
151 69.1 0.0 138.4

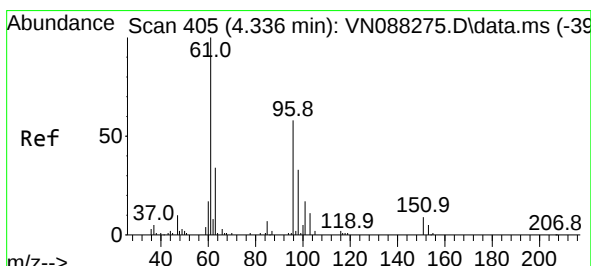
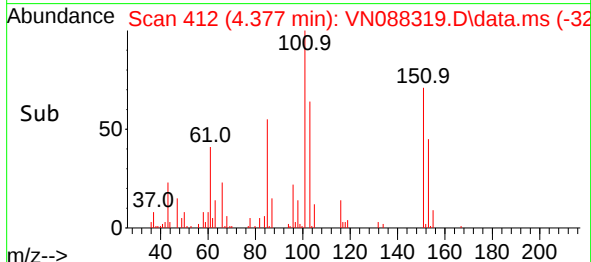
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Reviewed By :John
Carlone



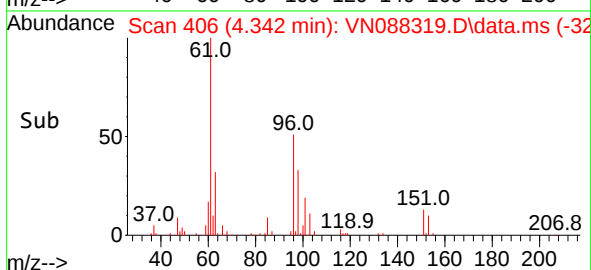
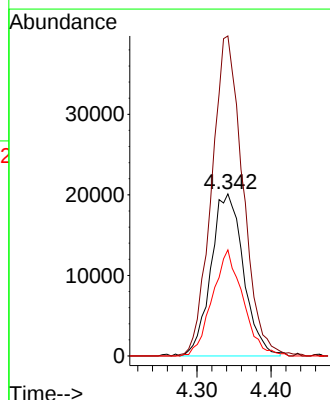
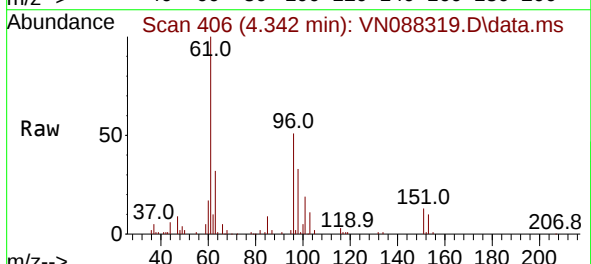
11/21/2025
Supervised By :Semsettin
Yesilyurt

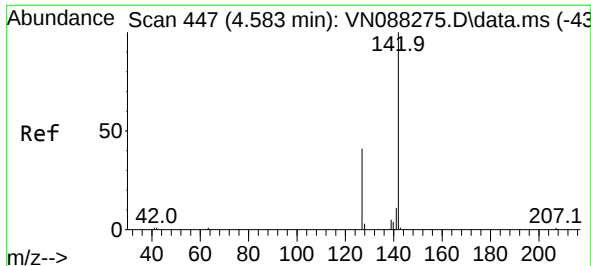
11/21/2025



#10
1,1-Dichloroethene
Concen: 19.508 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

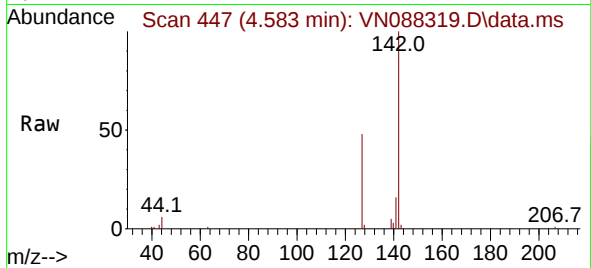
Tgt Ion: 96 Resp: 61324
Ion Ratio Lower Upper
96 100
61 196.5 137.8 206.8
98 65.4 45.6 68.4





#11
Methyl Iodide
Concen: 17.824 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

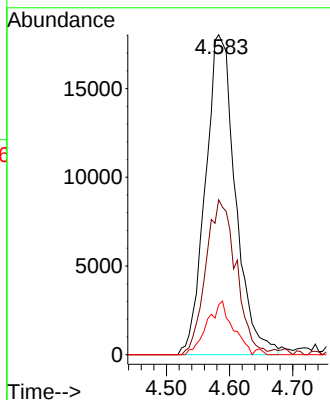
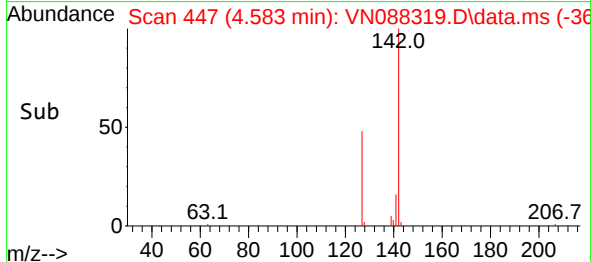
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion:142 Resp: 59628
Ion Ratio Lower Upper
142 100
127 48.2 20.4 61.2
141 15.8 5.6 16.8

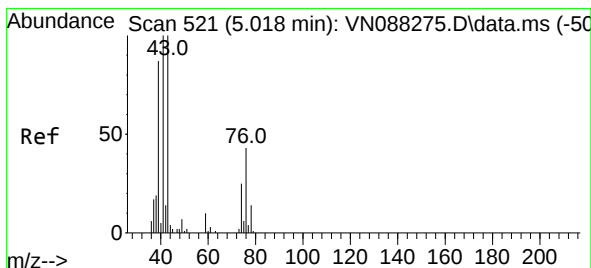
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APPROVED

Reviewed By :John
Carlone



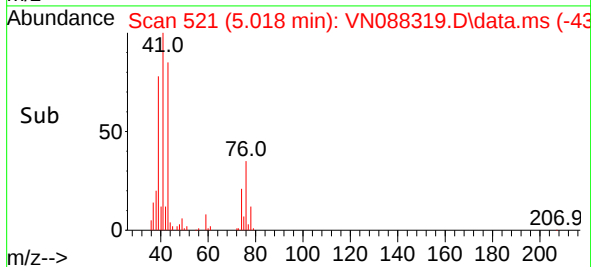
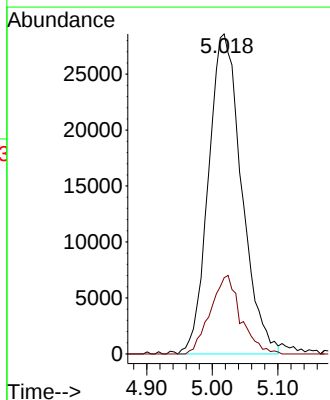
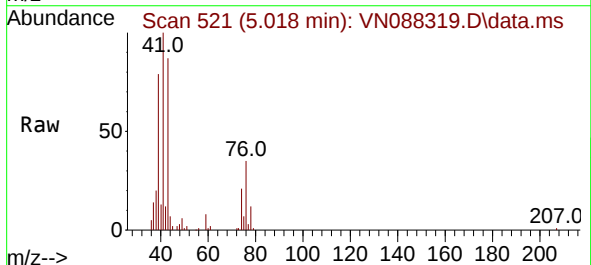
11/21/2025
Supervised By :Semsettin
Yesilyurt

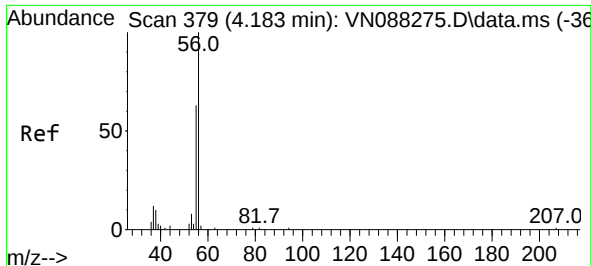
11/21/2025



#12
Methyl Acetate
Concen: 19.802 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

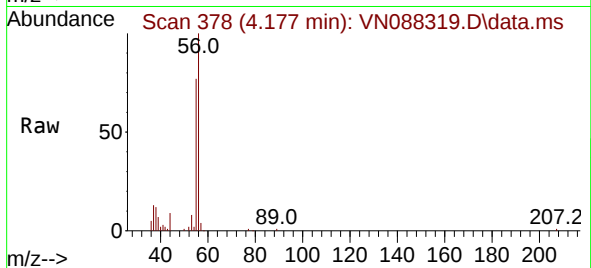
Tgt Ion: 43 Resp: 100424
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.8





#13
Acrolein
Concen: 132.581 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

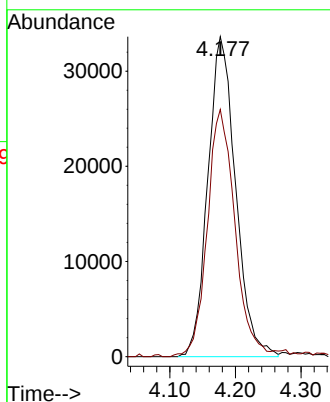
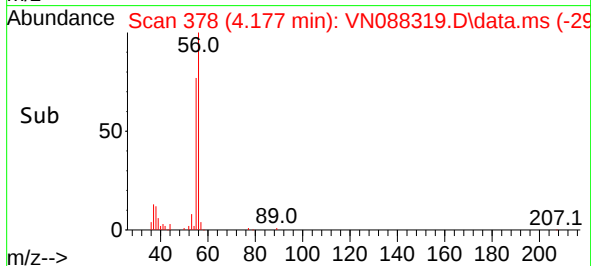
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 56 Resp: 98928
Ion Ratio Lower Upper
56 100
55 76.6 57.9 86.9

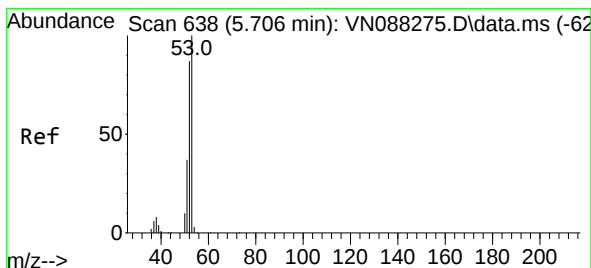
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Reviewed By :John
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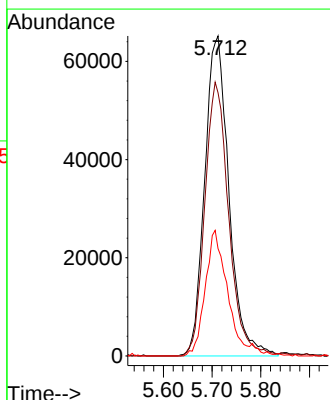
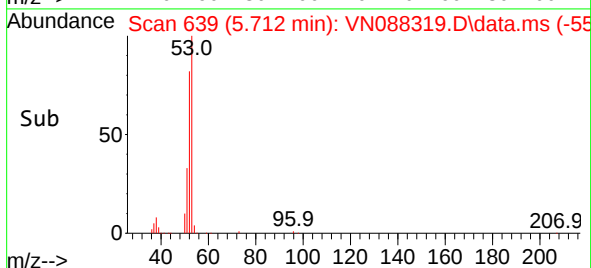
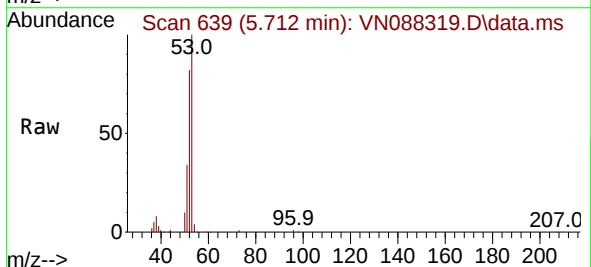
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Supervised By :Semsettin
Yesilyurt

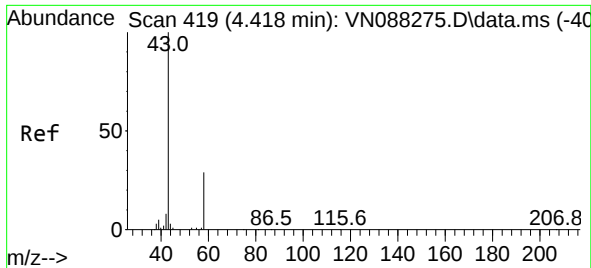
11/21/2025



#14
Acrylonitrile
Concen: 97.857 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

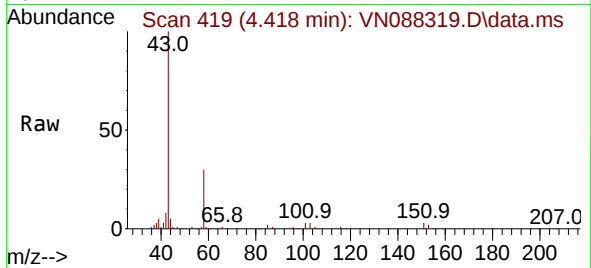
Tgt Ion: 53 Resp: 225510
Ion Ratio Lower Upper
53 100
52 84.3 42.3 126.9
51 35.4 18.4 55.2





#15
Acetone
Concen: 94.207 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

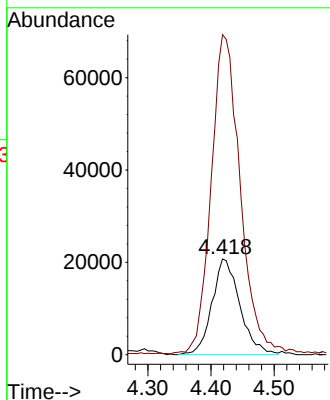
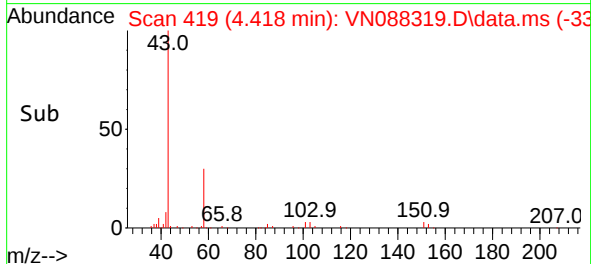
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 58 Resp: 6348
Ion Ratio Lower Upper
58 100
43 332.0 273.9 410.9

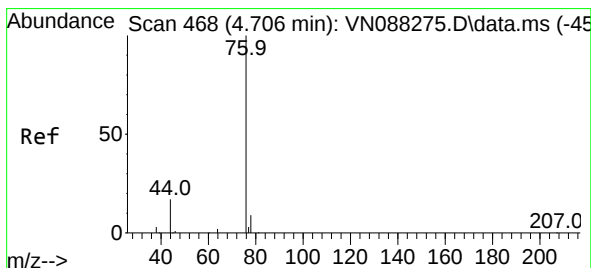
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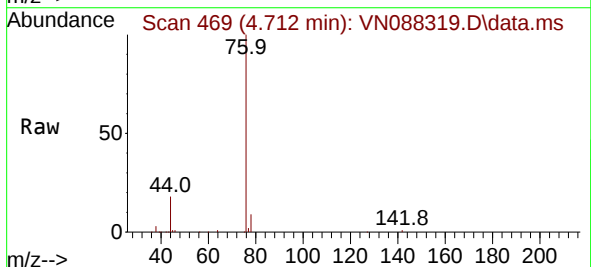


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Supervised By :Semsettin
Yesilyurt

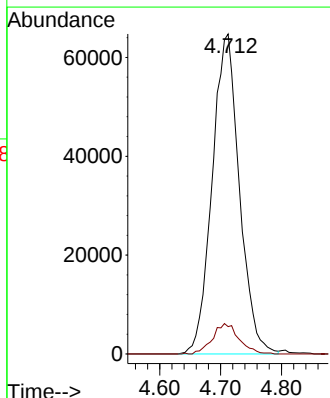
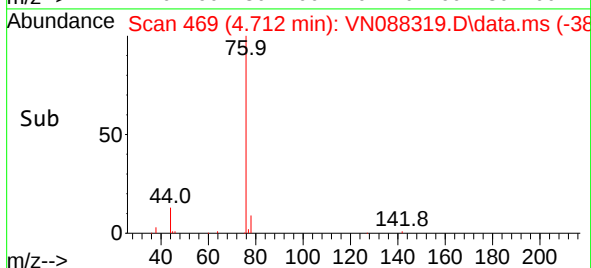
11/21/2025

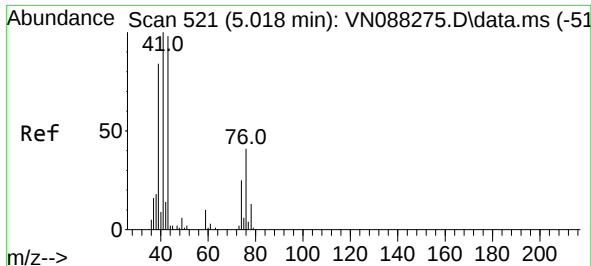


#16
Carbon Disulfide
Concen: 18.981 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



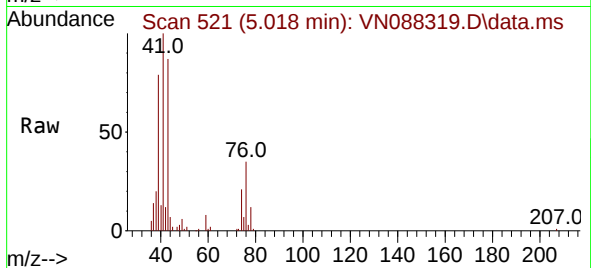
Tgt Ion: 76 Resp: 201244
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3





#17
Allyl chloride
Concen: 17.690 ug/l
RT: 5.018 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

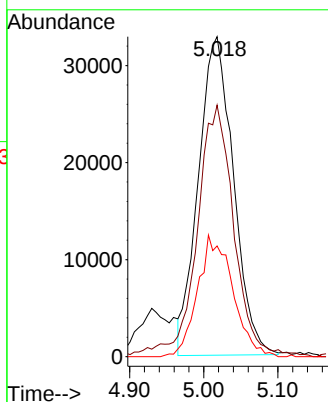
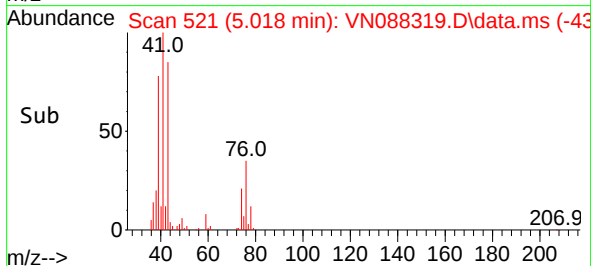
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 41 Resp: 10806
Ion Ratio Lower Upper
41 100
39 77.4 38.3 114.9
76 35.0 18.5 55.5

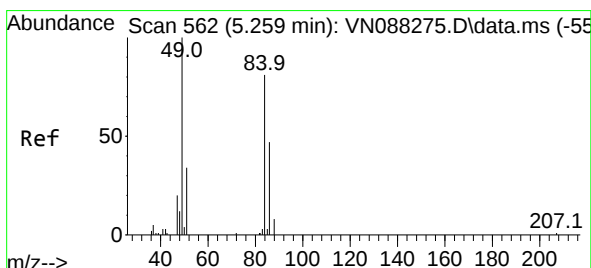
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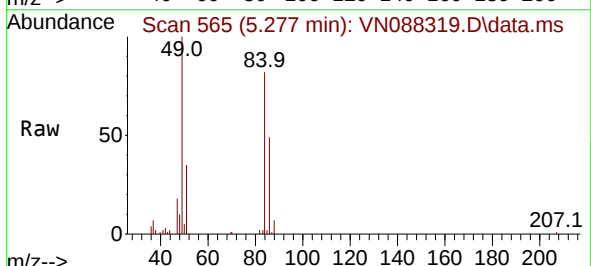


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Supervised By :Semsettin
Yesilyurt

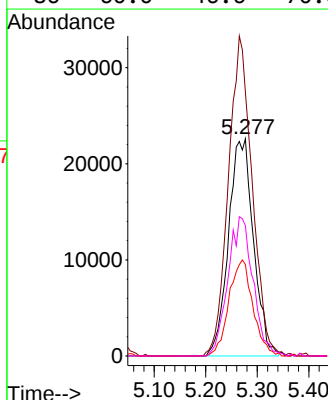
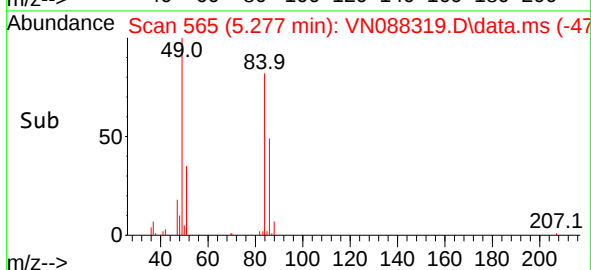
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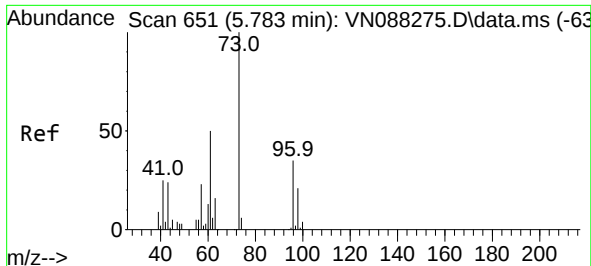


#18
Methylene Chloride
Concen: 19.421 ug/l m
RT: 5.277 min Scan# 565
Delta R.T. 0.018 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



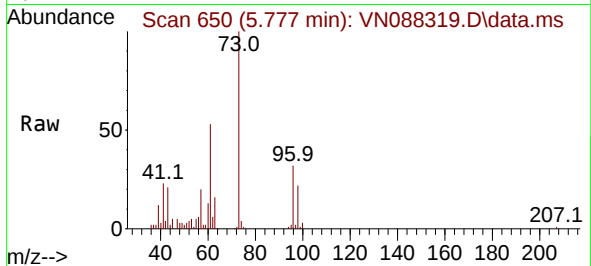
Tgt Ion: 84 Resp: 75886
Ion Ratio Lower Upper
84 100
49 121.4 98.7 148.1
51 42.2 33.7 50.5
86 60.0 46.6 70.0





#19
trans-1,2-Dichloroethene
Concen: 18.932 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

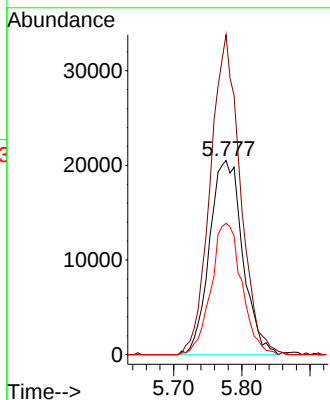
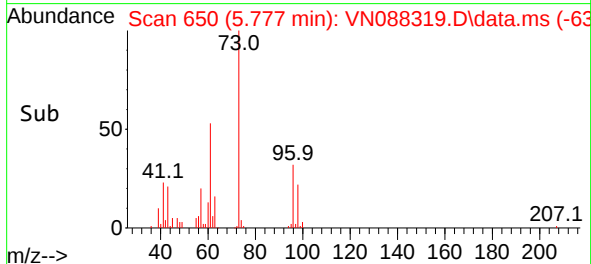
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 96 Resp: 69304
Ion Ratio Lower Upper
96 100
61 164.8 117.0 175.4
98 67.7 48.6 72.8

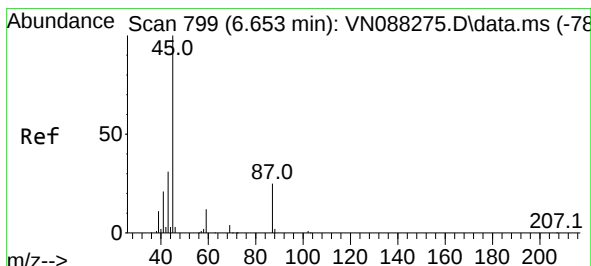
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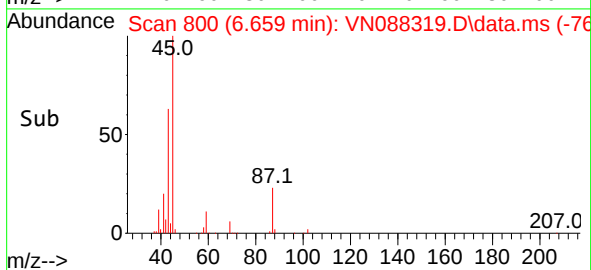
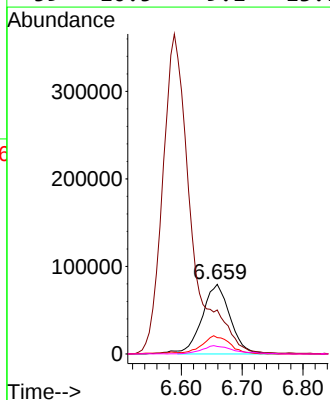
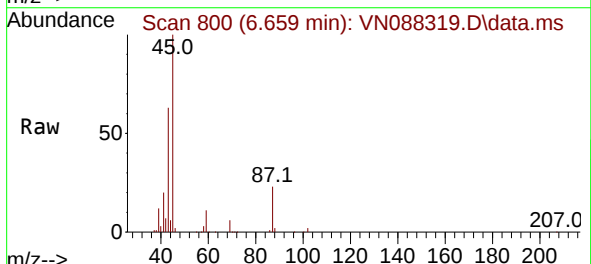
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Supervised By :Semsettin
Yesilyurt

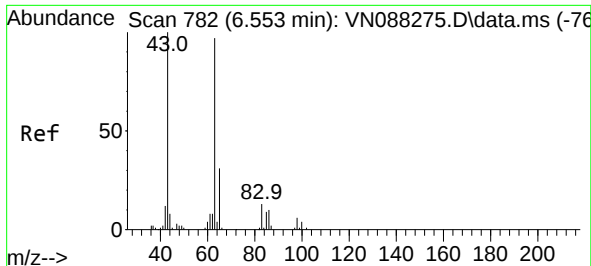
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#20
Diisopropyl ether
Concen: 19.302 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion: 45 Resp: 251960
Ion Ratio Lower Upper
45 100
43 62.2 51.9 77.9
87 23.6 21.1 31.7
59 10.5 9.1 13.7





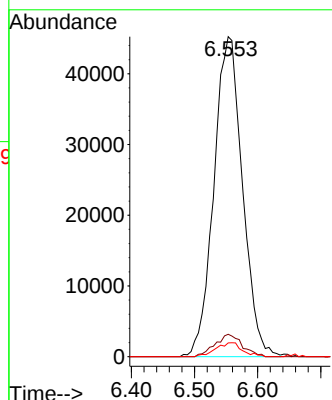
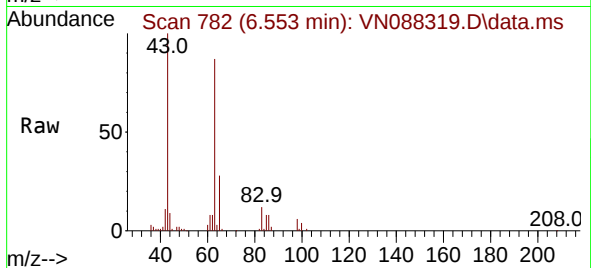
#21
1,1-Dichloroethane
Concen: 19.372 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 63 Resp: 142469
Ion Ratio Lower Upper
63 100
98 7.0 3.0 9.0
100 4.3 2.1 6.3

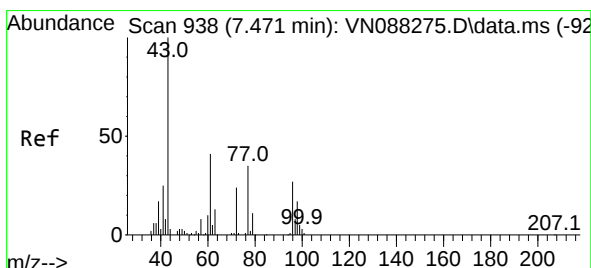
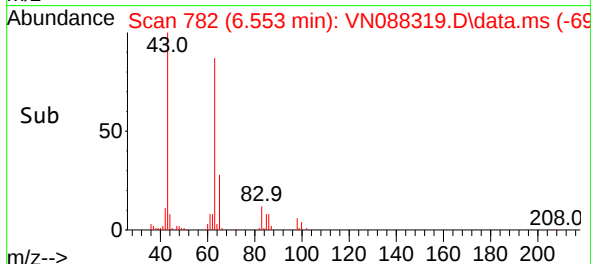
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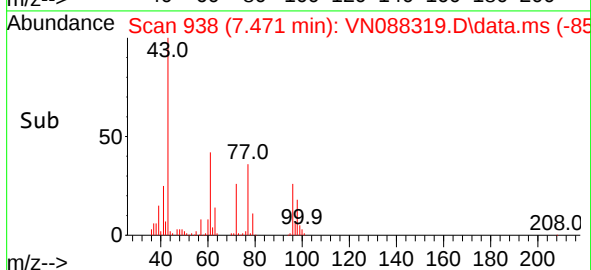
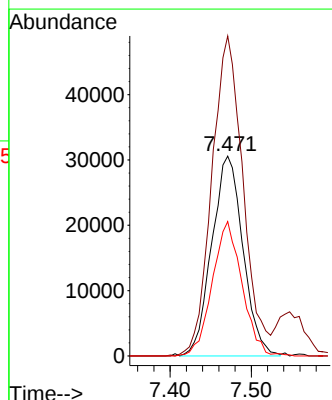
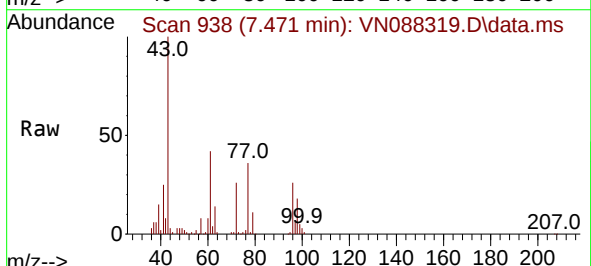
11/21/2025
Supervised By :Semsettin
Yesilyurt

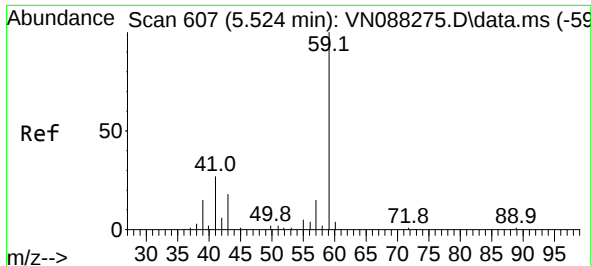
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#22
cis-1,2-Dichloroethene
Concen: 19.192 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion: 96 Resp: 81653
Ion Ratio Lower Upper
96 100
61 160.2 131.2 196.8
98 63.9 51.0 76.4





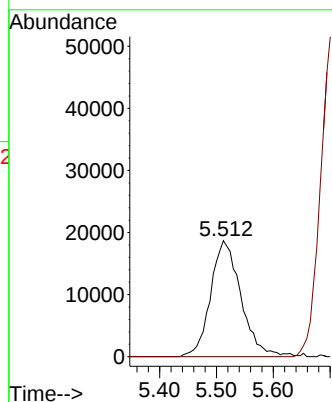
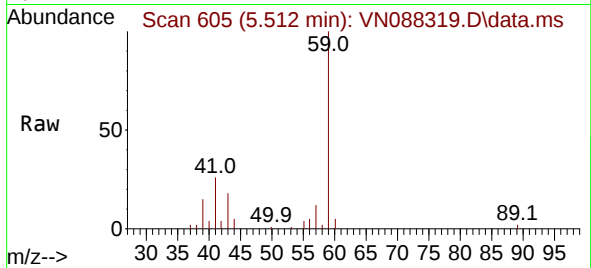
#23
tert-Butyl Alcohol
Concen: 81.289 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 59 Resp: 6888
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

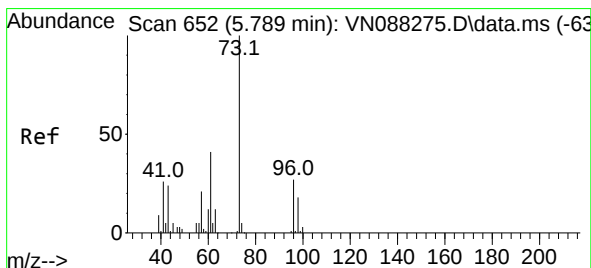
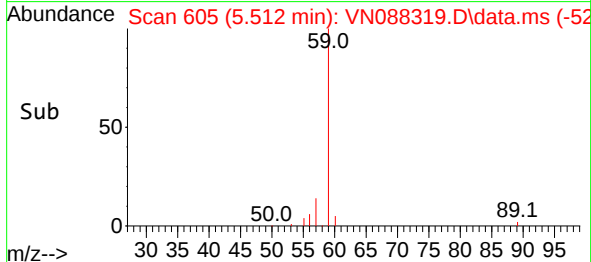
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Reviewed By :John
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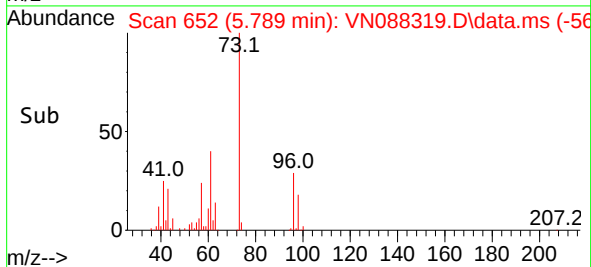
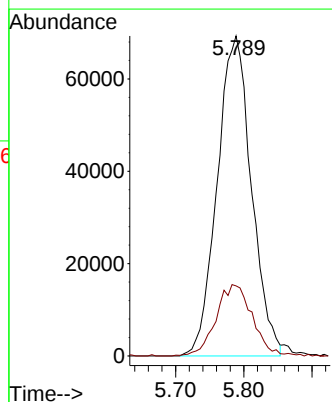
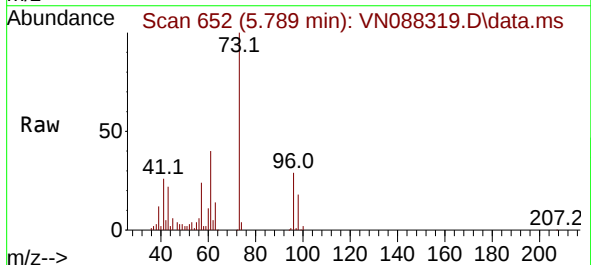
11/21/2025
Supervised By :Semsettin
Yesilyurt

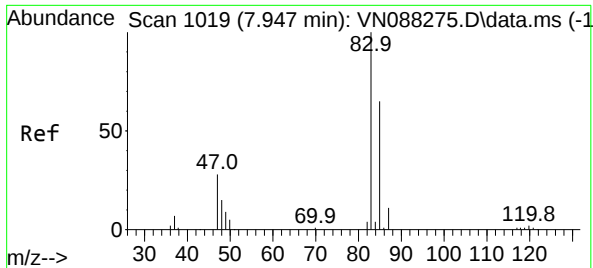
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#24
Methyl tert-Butyl Ether
Concen: 19.087 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion: 73 Resp: 241923
Ion Ratio Lower Upper
73 100
43 23.4 18.5 27.7





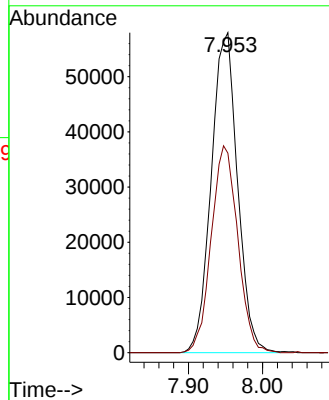
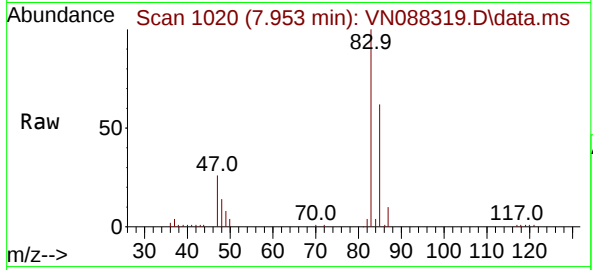
#25
Chloroform
Concen: 19.628 ug/l
RT: 7.953 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 83 Resp: 143036
Ion Ratio Lower Upper
83 100
85 62.3 52.2 78.4

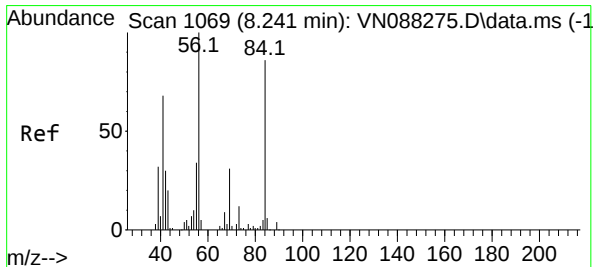
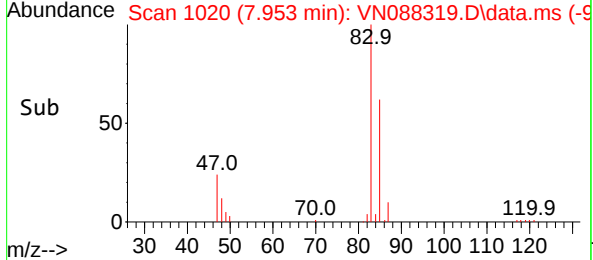
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Carlone



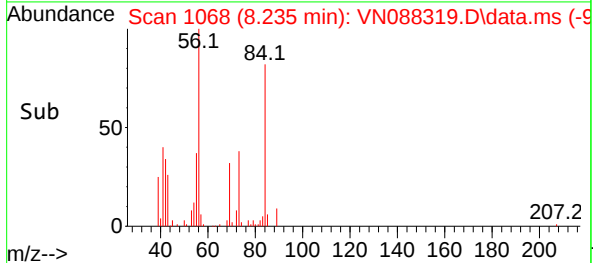
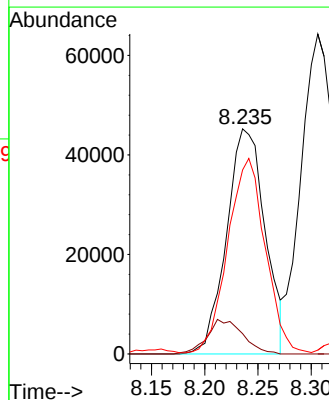
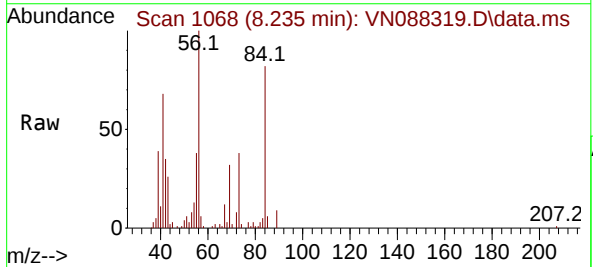
11/21/2025
Supervised By :Semsettin
Yesilyurt

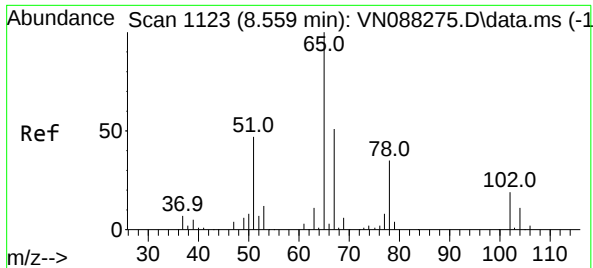
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#26
Cyclohexane
Concen: 18.323 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion: 56 Resp: 113822
Ion Ratio Lower Upper
56 100
89 14.2 7.3 10.9#
84 85.2 67.8 101.8





#27
1,2-Dichloroethane-d4
Concen: 28.296 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :

MSVOA_N

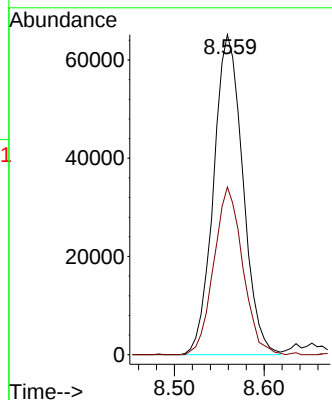
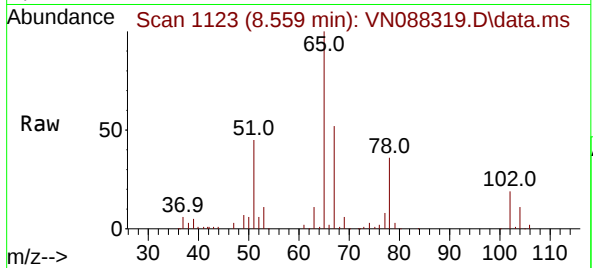
ClientSampleId :

VN1120WBSD01

Tgt Ion: 65 Resp: 147762
Ion Ratio Lower Upper
65 100
67 51.6 40.2 60.2

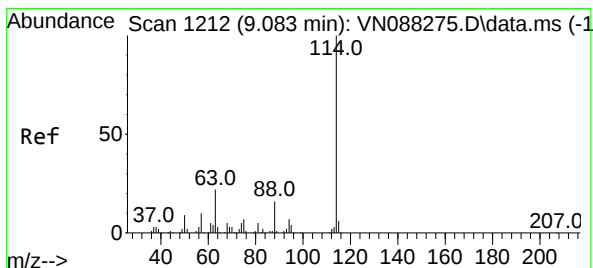
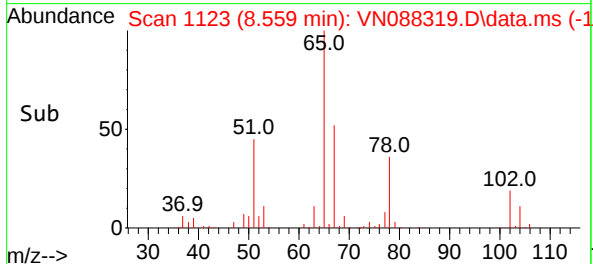
Manual Integrations
APPROVED

Reviewed By :John
Carlone



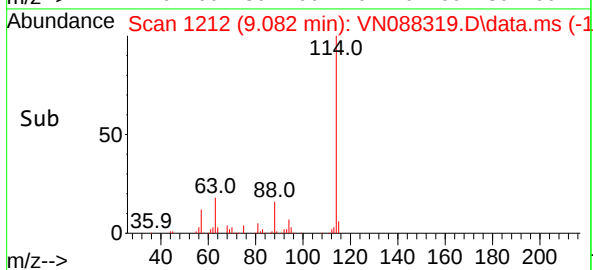
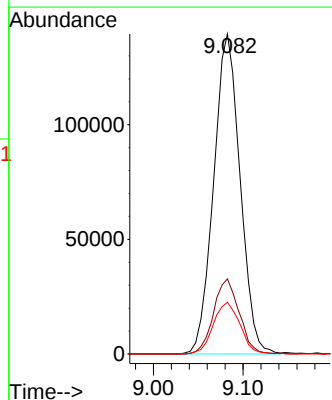
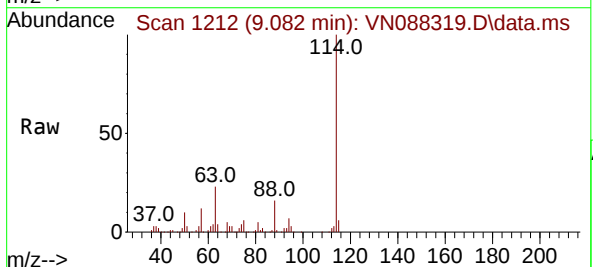
11/21/2025
Supervised By :Semsettin
Yesilyurt

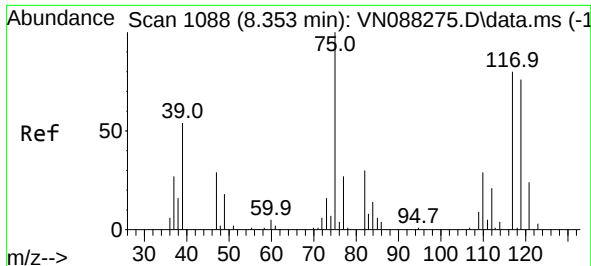
11/21/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion:114 Resp: 285463
Ion Ratio Lower Upper
114 100
63 22.8 18.9 28.3
88 16.3 12.8 19.2





#29
1,1-Dichloropropene
Concen: 19.939 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :

MSVOA_N

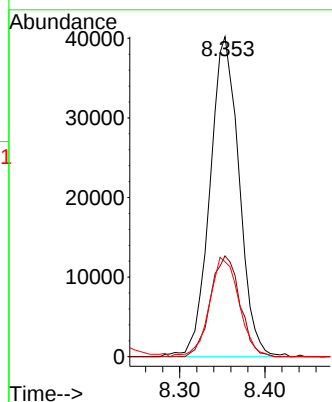
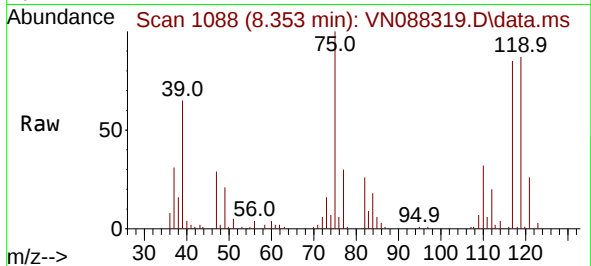
ClientSampleId :

VN1120WBSD01

Tgt Ion: 75 Resp: 94972
Ion Ratio Lower Upper
75 100
110 32.0 0.0 65.6
77 31.5 0.0 60.8

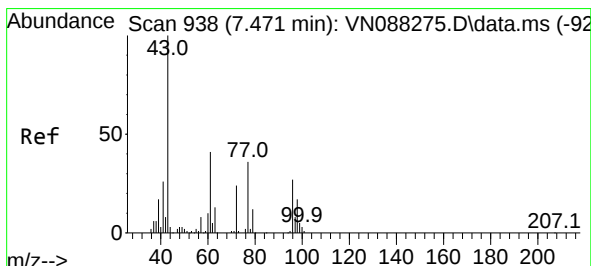
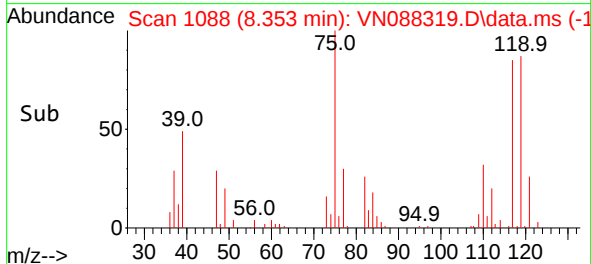
Manual Integrations
APPROVED

Reviewed By :John
Carlone



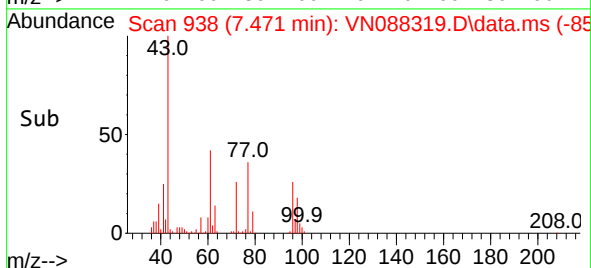
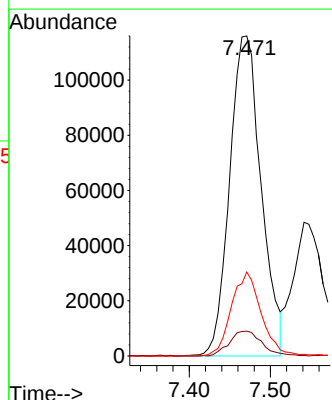
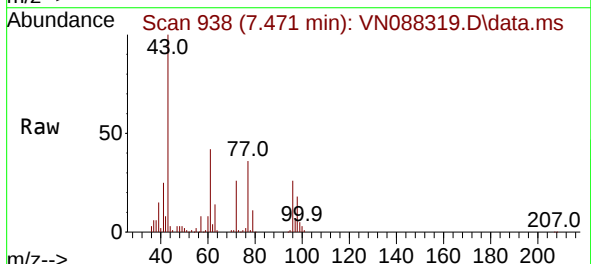
11/21/2025
Supervised By :Semsettin
Yesilyurt

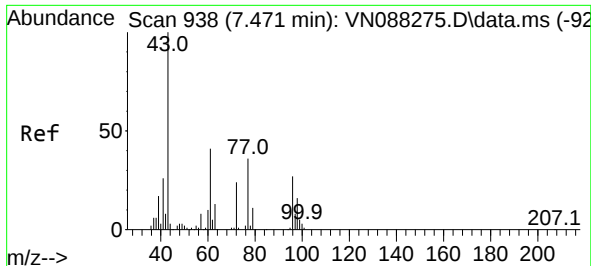
11/21/2025



#30
2-Butanone
Concen: 101.588 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

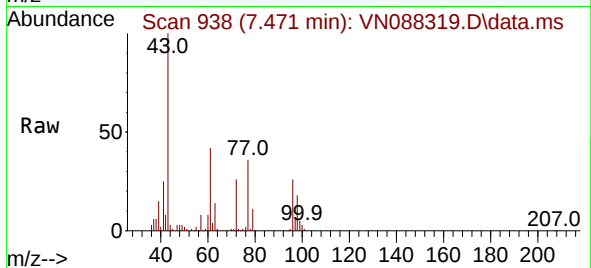
Tgt Ion: 43 Resp: 312999
Ion Ratio Lower Upper
43 100
57 8.0 6.2 9.4
72 24.8 19.4 29.2





#31
2,2-Dichloropropane
Concen: 21.001 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

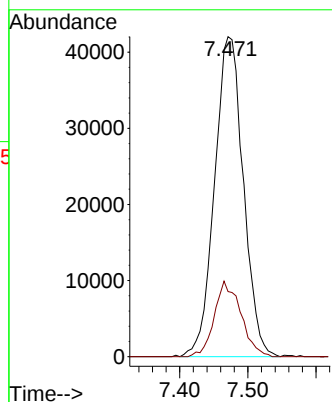
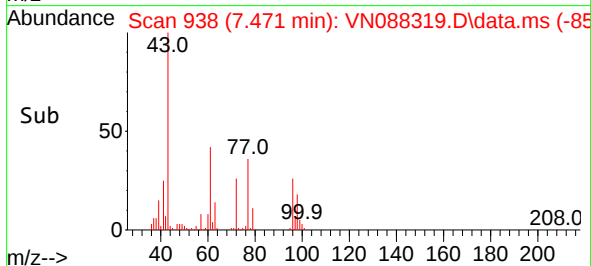
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 77 Resp: 123378
Ion Ratio Lower Upper
77 100
97 21.8 16.8 25.2

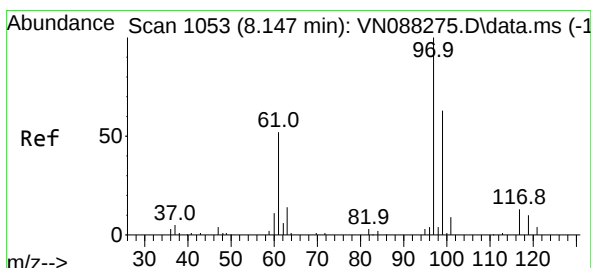
Manual Integrations
APPROVED

Reviewed By :John
Carlone

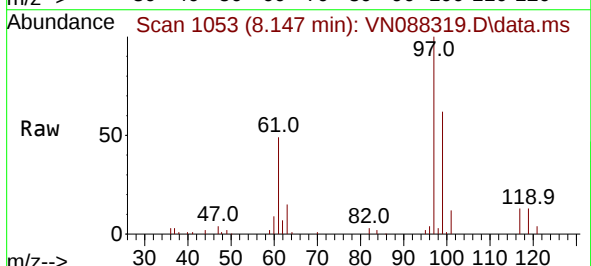


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Supervised By :Semsettin
Yesilyurt

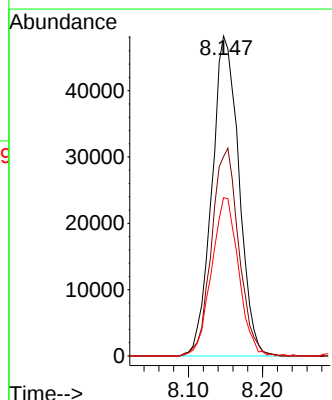
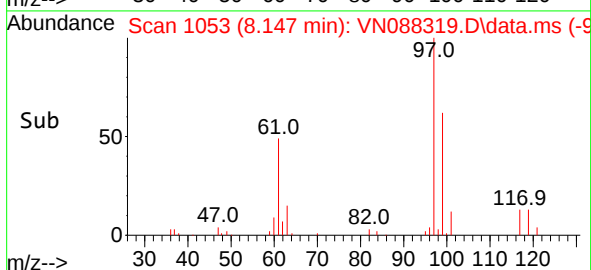
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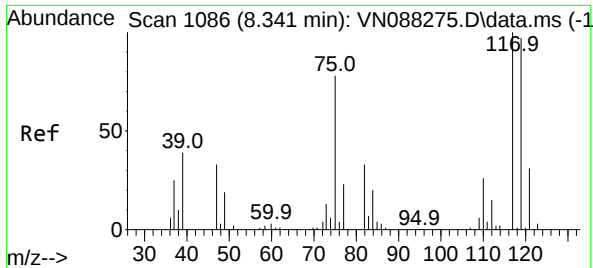


#32
1,1,1-Trichloroethane
Concen: 20.860 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



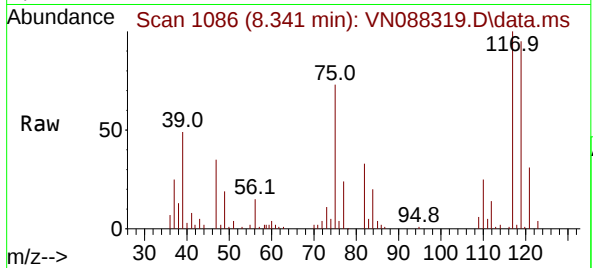
Tgt Ion: 97 Resp: 122481
Ion Ratio Lower Upper
97 100
99 65.0 50.2 75.4
61 49.5 39.8 59.8





#33
Carbon Tetrachloride
Concen: 20.731 ug/l
RT: 8.341 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

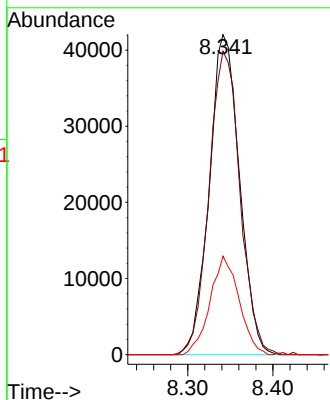
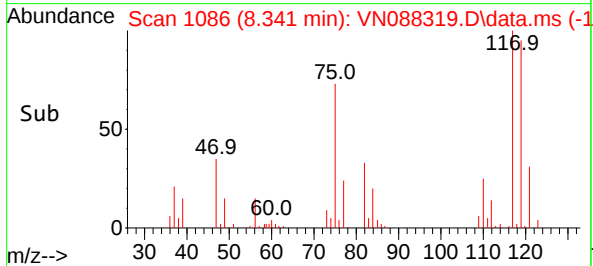
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion:117 Resp: 10394
Ion Ratio Lower Upper
117 100
119 94.5 77.8 116.8
121 30.8 24.5 36.7

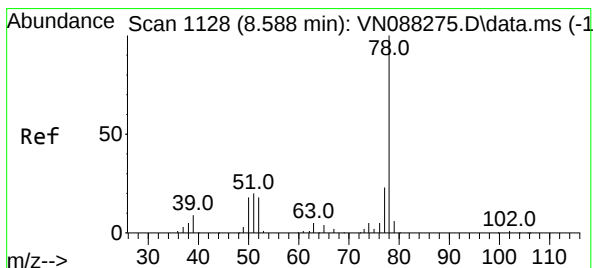
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Reviewed By :John
Carlone

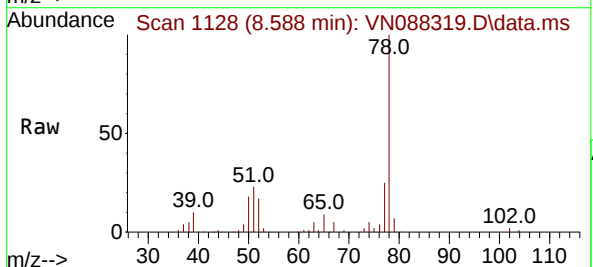


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Supervised By :Semsettin
Yesilyurt

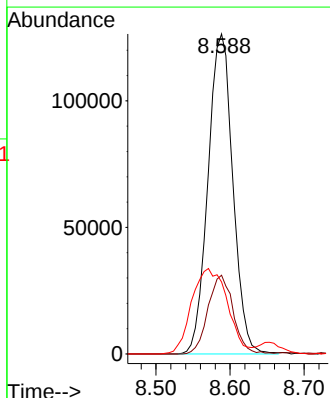
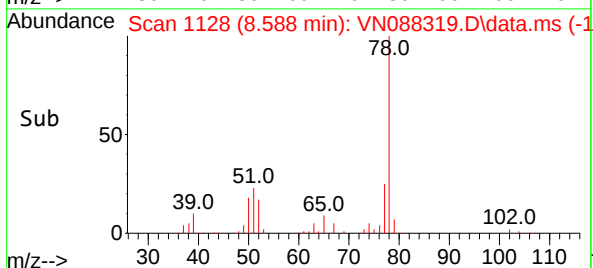
11/21/2025

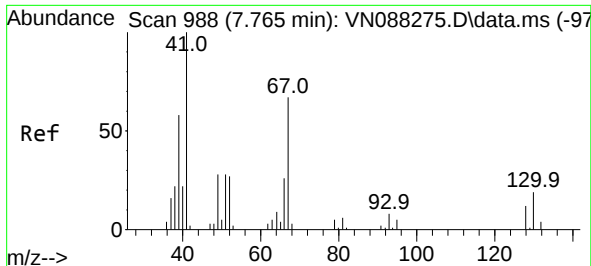


#34
Benzene
Concen: 20.689 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



Tgt Ion: 78 Resp: 294559
Ion Ratio Lower Upper
78 100
77 24.6 18.6 27.8
51 20.2 15.8 23.8





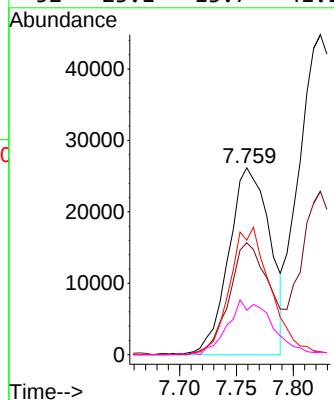
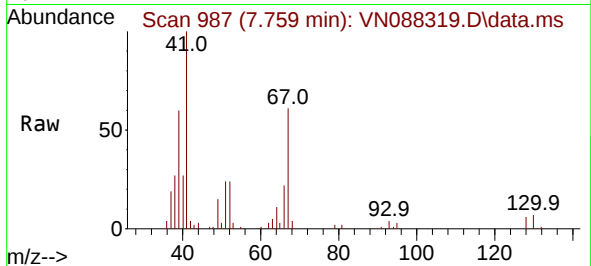
#35
Methacrylonitrile
Concen: 20.634 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 41 Resp: 6631
Ion Ratio Lower Upper
41 100
39 59.1 29.0 87.0
67 61.3 33.3 99.9
52 23.1 13.7 41.1

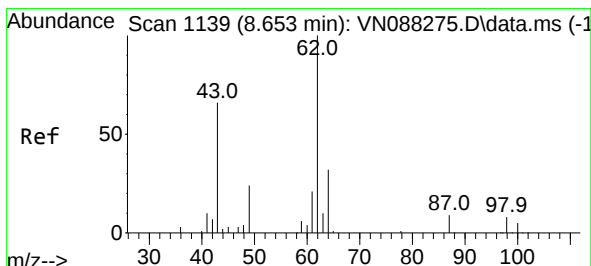
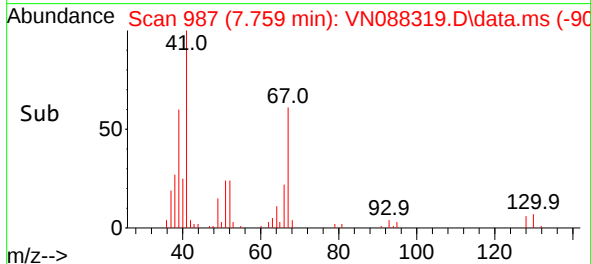
Manual Integrations
APPROVED

Reviewed By :John
Carlone



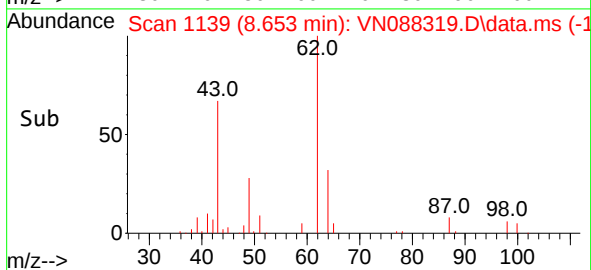
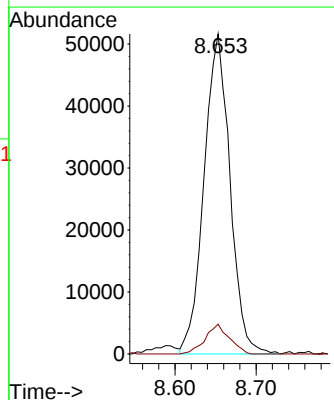
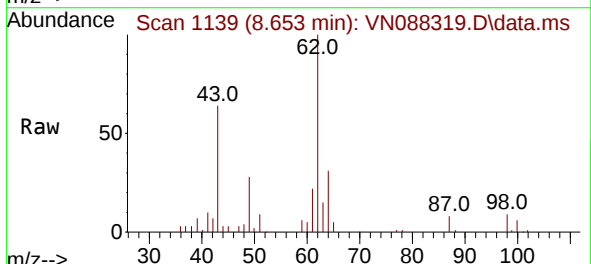
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Supervised By :Semsettin
Yesilyurt

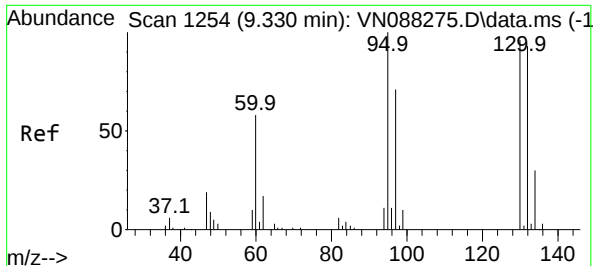
11/21/2025



#36
1,2-Dichloroethane
Concen: 20.701 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion: 62 Resp: 114702
Ion Ratio Lower Upper
62 100
98 8.6 6.8 10.2





#37

Trichloroethene

Concen: 21.194 ug/l

RT: 9.335 min Scan# 1254

Delta R.T. 0.006 min

Lab File: VN088319.D

Acq: 20 Nov 2025 10:22

Instrument :

MSVOA_N

ClientSampleId :

VN1120WBSD01

Tgt Ion:130 Resp: 68380

Ion Ratio Lower Upper

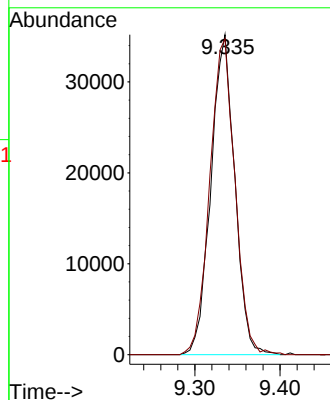
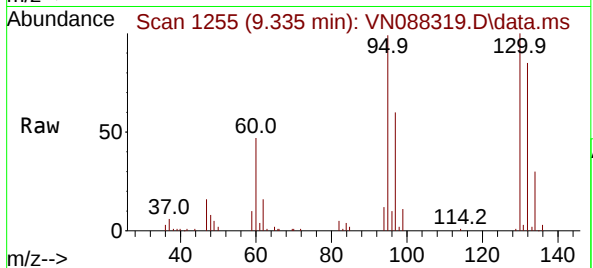
130 100

95 98.7 83.7 125.5

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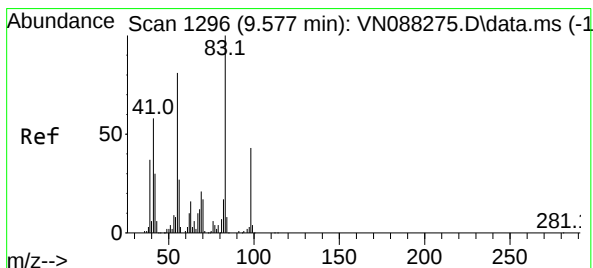
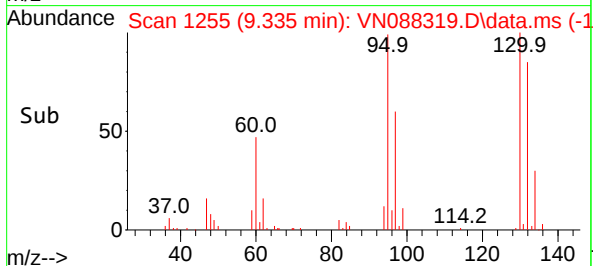
APPROVED

Reviewed By :John
Carlone



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Supervised By :Semsettin
Yesilyurt

11/21/2025



#38

Methylcyclohexane

Concen: 19.435 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN088319.D

Acq: 20 Nov 2025 10:22

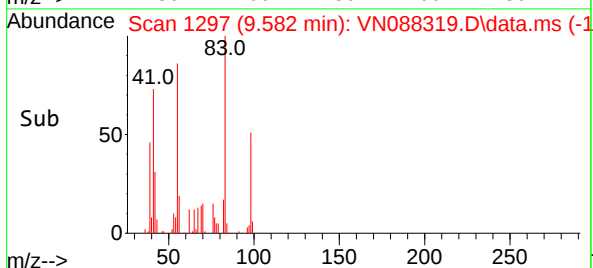
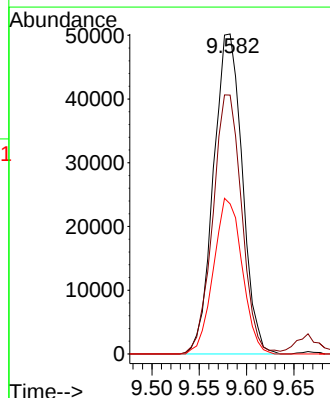
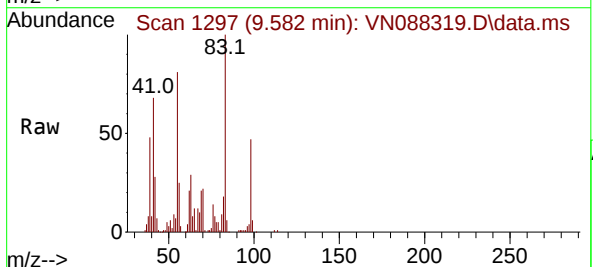
Tgt Ion: 83 Resp: 106131

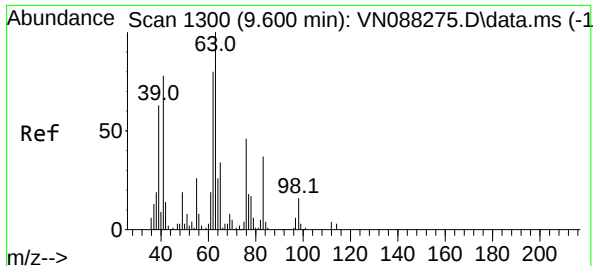
Ion Ratio Lower Upper

83 100

55 81.4 40.8 122.5

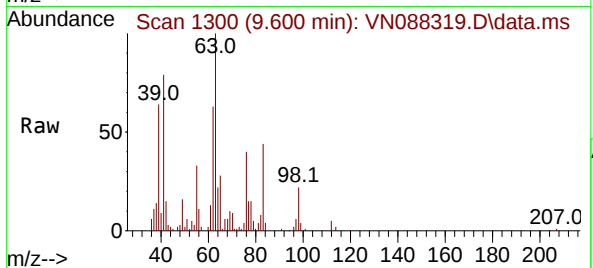
98 48.5 23.4 70.3





#39
1,2-Dichloropropane
Concen: 21.236 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

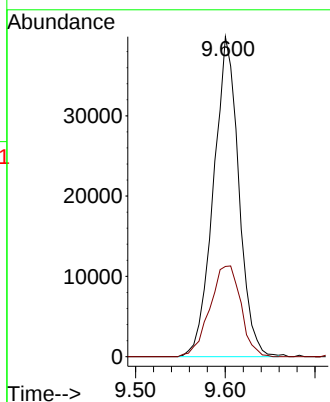
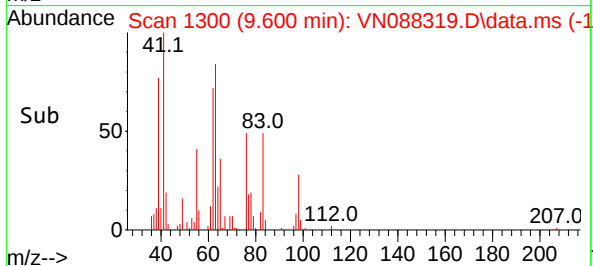
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 63 Resp: 7800
Ion Ratio Lower Upper
63 100
65 28.2 27.8 41.6

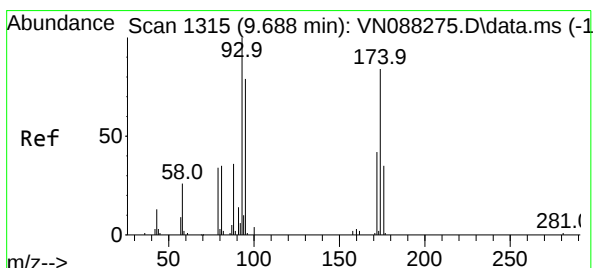
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Reviewed By :John
Carlone

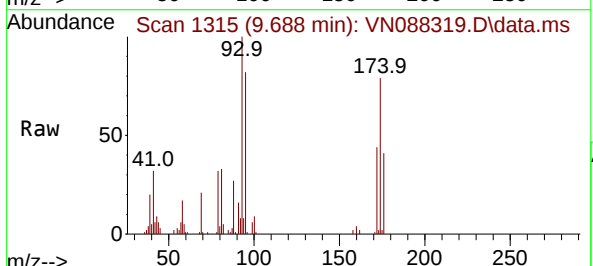


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Supervised By :Semsettin
Yesilyurt

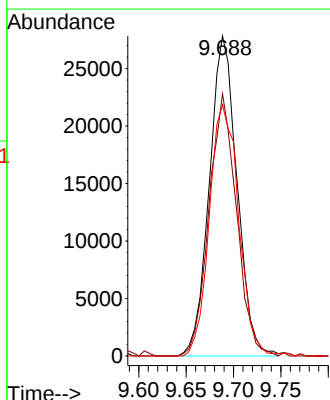
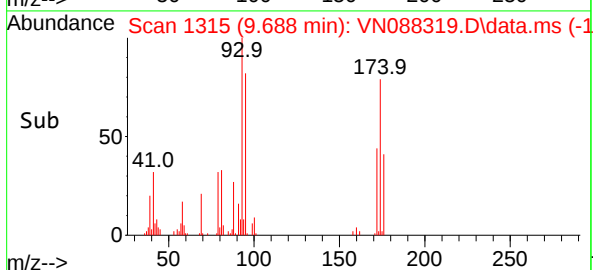
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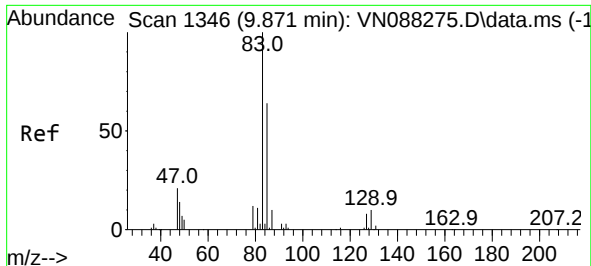


#40
Dibromomethane
Concen: 21.453 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



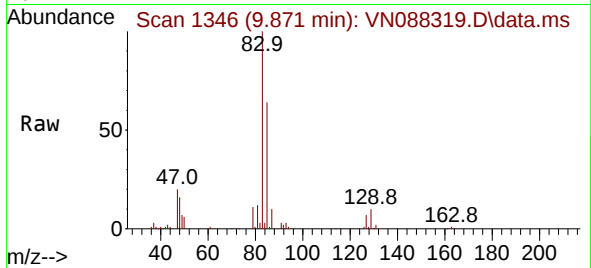
Tgt Ion: 93 Resp: 56616
Ion Ratio Lower Upper
93 100
95 81.3 0.0 161.6
174 82.6 0.0 158.2





#41
Bromodichloromethane
Concen: 21.468 ug/l
RT: 9.871 min Scan# 11405
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

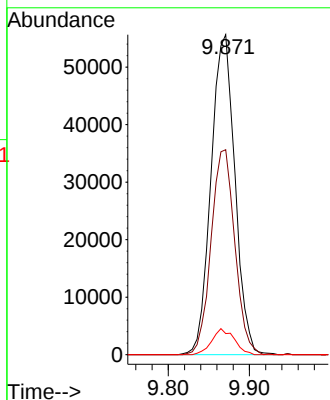
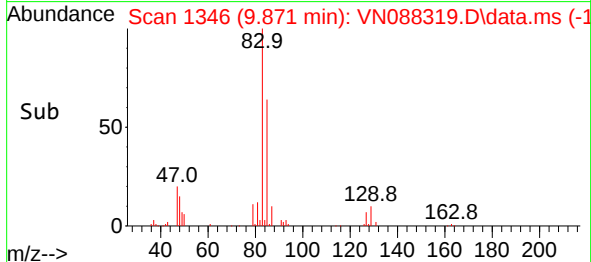
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 83 Resp: 11405
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.2
127 6.6 6.4 9.6

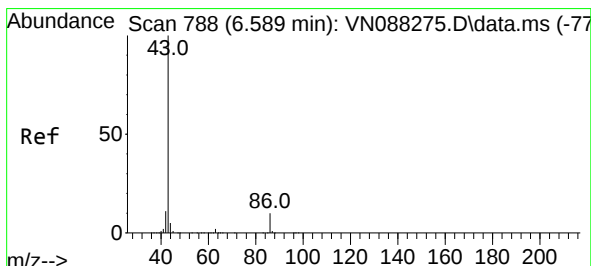
Manual Integrations
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Reviewed By :John
Carlone



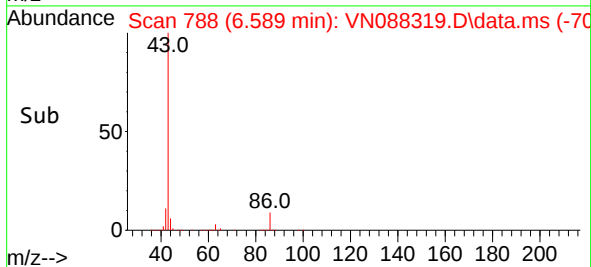
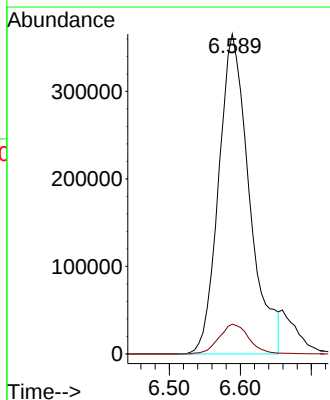
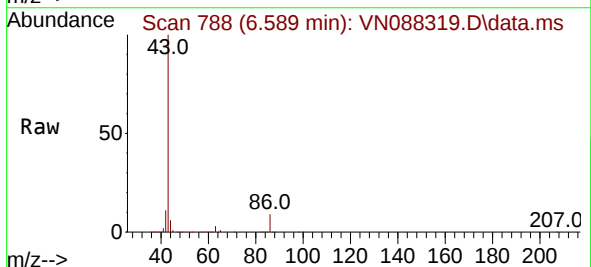
11/21/2025
Supervised By :Semsettin
Yesilyurt

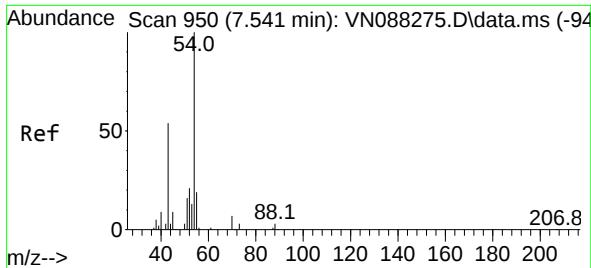
11/21/2025



#42
Vinyl Acetate
Concen: 106.850 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

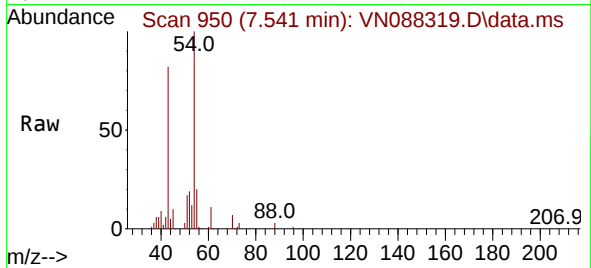
Tgt Ion: 43 Resp: 1098774
Ion Ratio Lower Upper
43 100
86 9.2 7.4 11.2





#43
Ethyl Acetate
Concen: 21.419 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

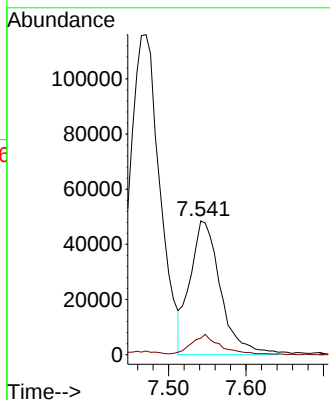
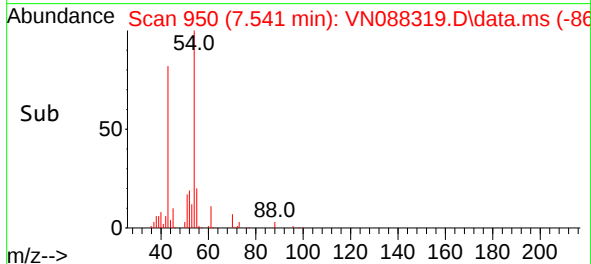
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 43 Resp: 13278
Ion Ratio Lower Upper
43 100
45 13.1 9.9 14.9

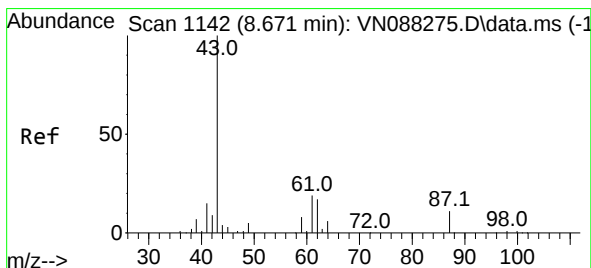
Manual Integrations
APPROVED

Reviewed By :John
Carlone



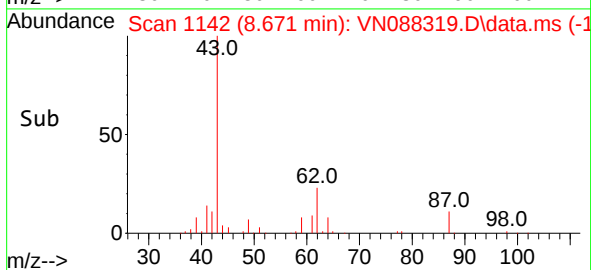
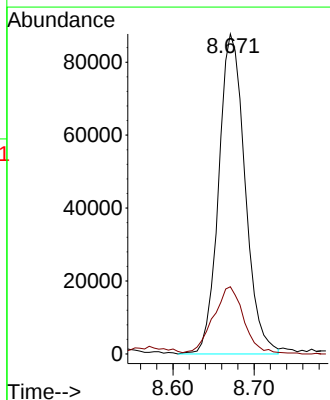
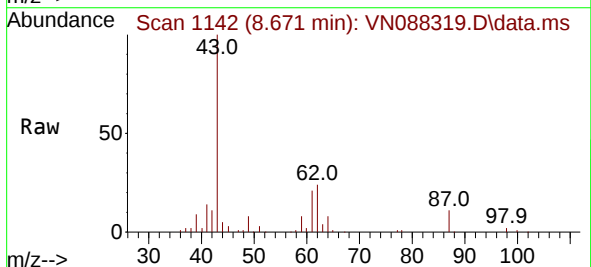
11/21/2025
Supervised By :Semsettin
Yesilyurt

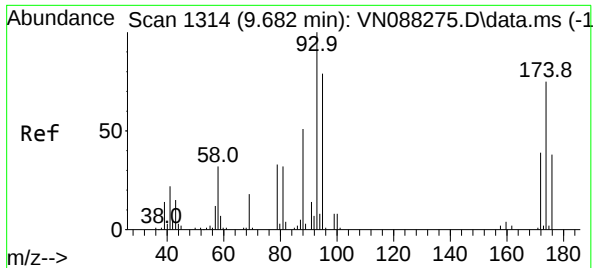
11/21/2025



#44
Isopropyl Acetate
Concen: 20.701 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

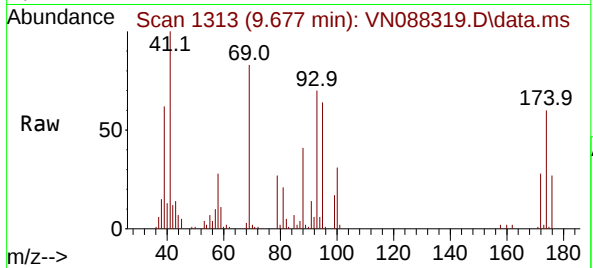
Tgt Ion: 43 Resp: 197773
Ion Ratio Lower Upper
43 100
61 23.7 19.0 28.6





#45
1,4-Dioxane
Concen: 373.062 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

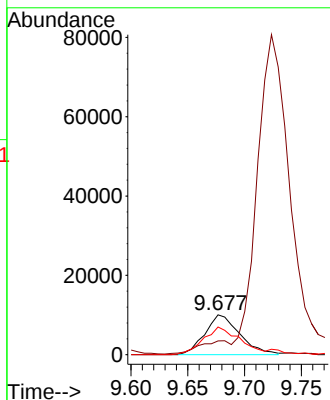
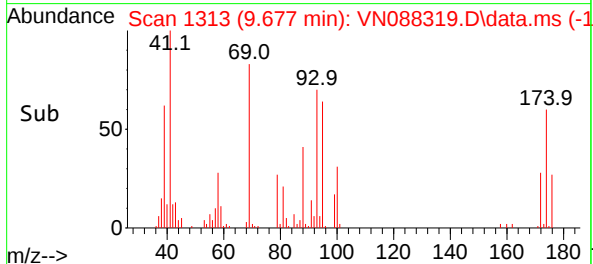
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 88 Resp: 2146
Ion Ratio Lower Upper
88 100
43 30.0 27.8 41.8
58 72.2 59.5 89.3

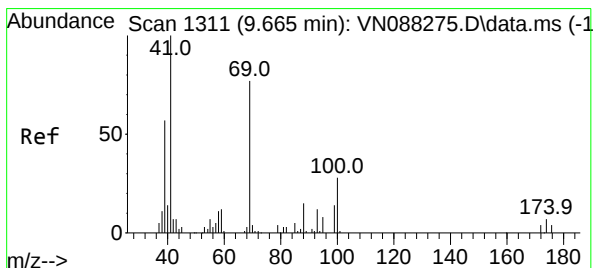
Manual Integrations
APPROVED

Reviewed By :John
Carlone



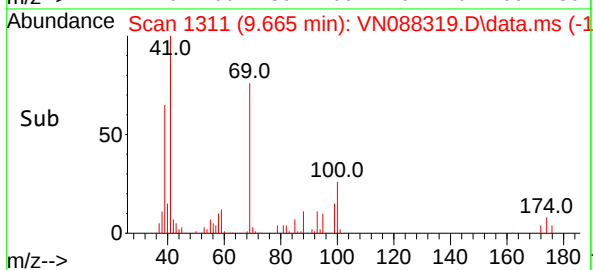
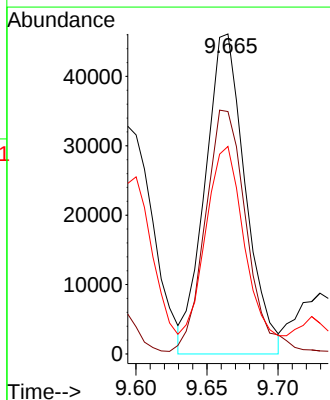
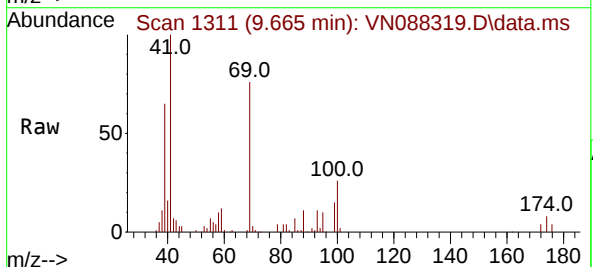
11/21/2025
Supervised By :Semsettin
Yesilyurt

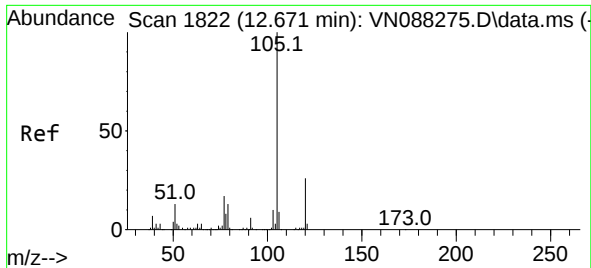
11/21/2025



#46
Methyl methacrylate
Concen: 20.376 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

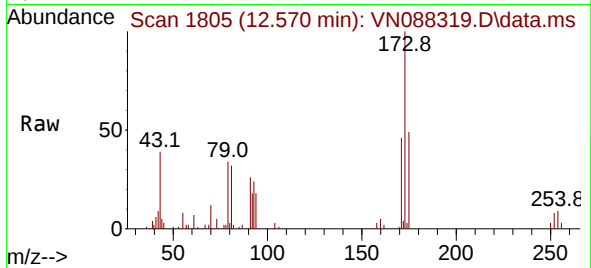
Tgt Ion: 41 Resp: 91092
Ion Ratio Lower Upper
41 100
69 78.0 38.5 115.3
39 63.1 29.0 87.1





#47
n-amy1 Acetate
Concen: 15.897 ug/l m
RT: 12.570 min Scan# 1805
Delta R.T. -0.100 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

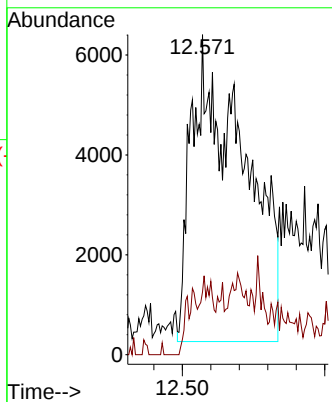
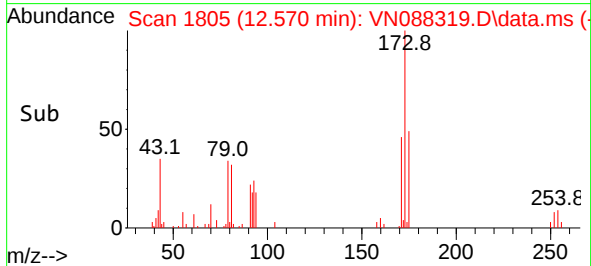
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 43 Resp: 7696
Ion Ratio Lower Upper
43 100
55 0.9 0.0 0.0

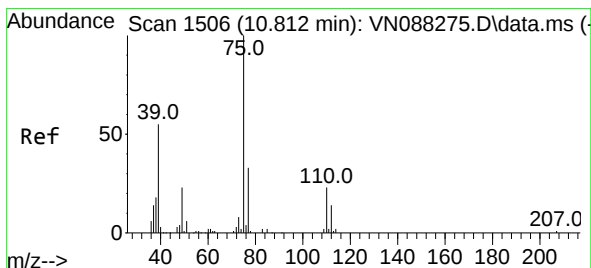
Manual Integrations
APPROVED

Reviewed By :John
Carlone



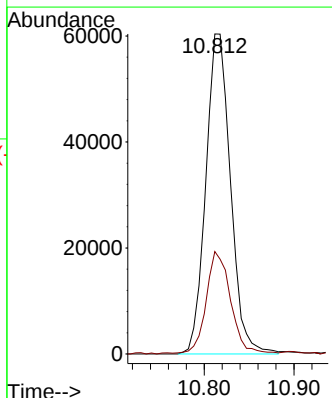
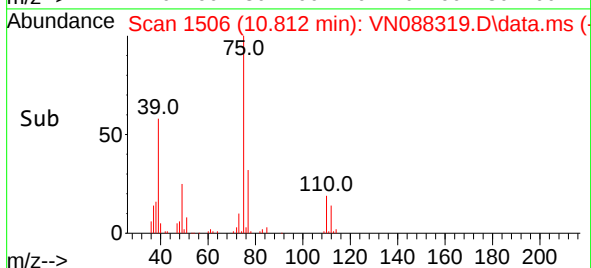
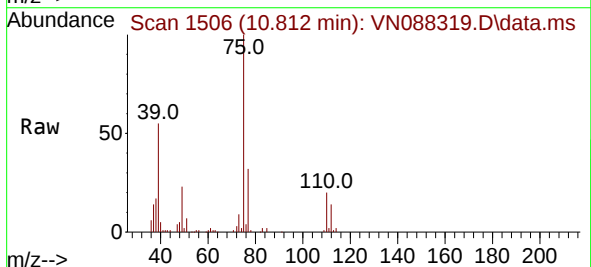
11/21/2025
Supervised By :Semsettin
Yesilyurt

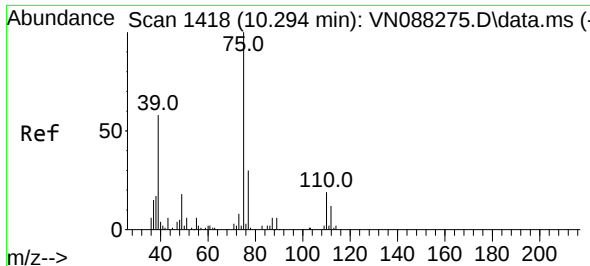
11/21/2025



#48
t-1,3-Dichloropropene
Concen: 20.346 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

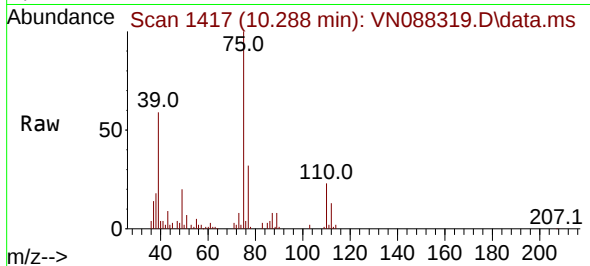
Tgt Ion: 75 Resp: 115612
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1





#49
cis-1,3-Dichloropropene
Concen: 20.748 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

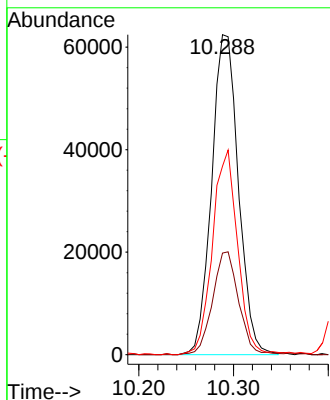
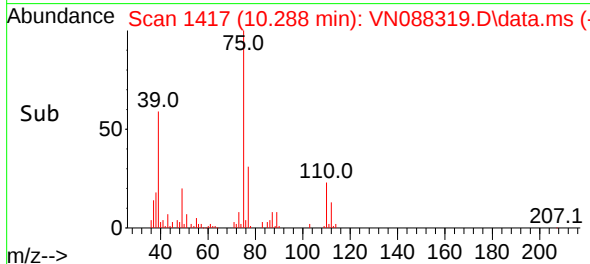
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 75 Resp: 12267
Ion Ratio Lower Upper
75 100
77 31.8 24.4 36.6
39 58.9 46.1 69.1

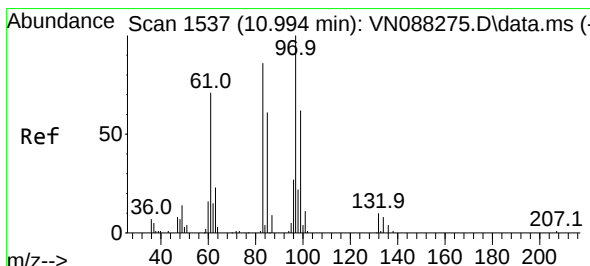
Manual Integrations
APPROVED

Reviewed By :John
Carlone



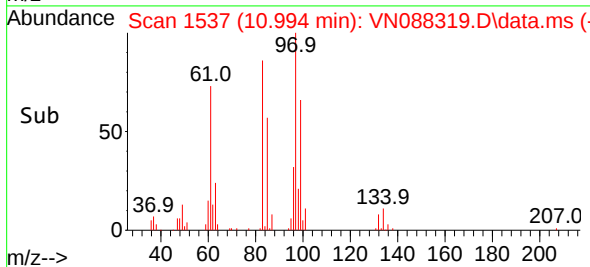
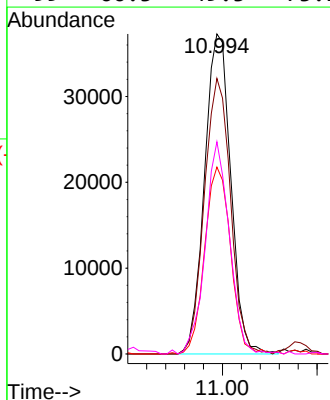
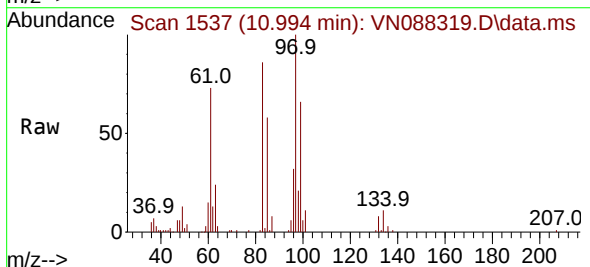
11/21/2025
Supervised By :Semsettin
Yesilyurt

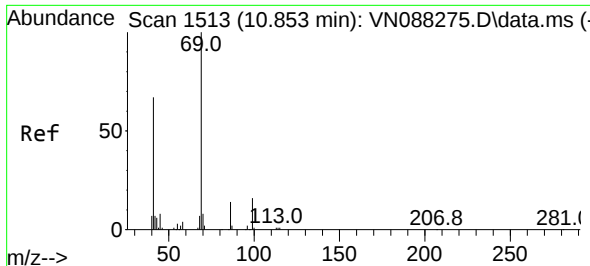
11/21/2025



#50
1,1,2-Trichloroethane
Concen: 21.929 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

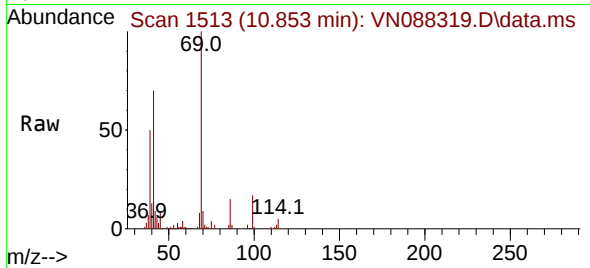
Tgt Ion: 97 Resp: 71560
Ion Ratio Lower Upper
97 100
83 86.1 68.6 102.8
85 58.4 49.0 73.6
99 66.3 49.3 73.9





#51
Ethyl methacrylate
Concen: 19.276 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

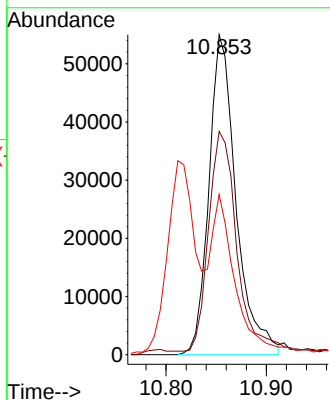
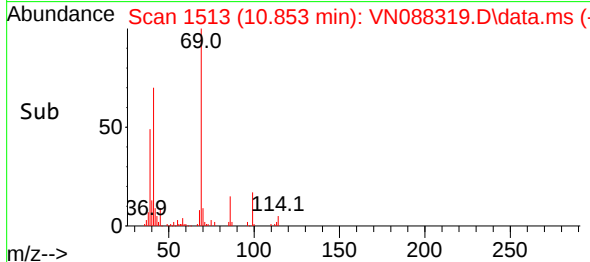
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 69 Resp: 103494
Ion Ratio Lower Upper
69 100
41 68.6 33.6 100.8
39 47.6 23.4 70.2

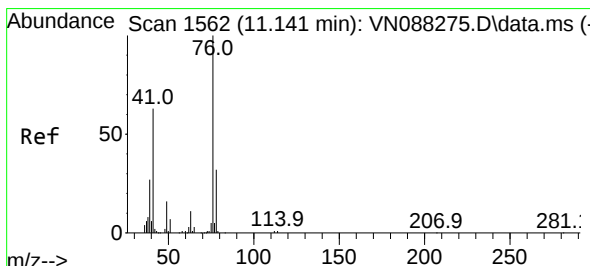
Manual Integrations
APPROVED

Reviewed By :John
Carlone



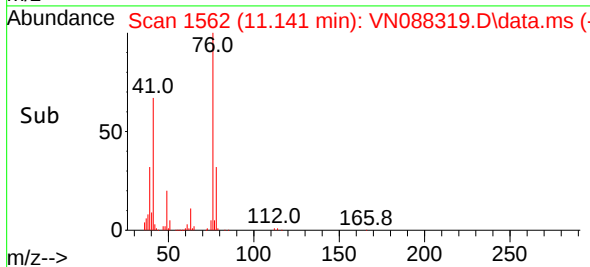
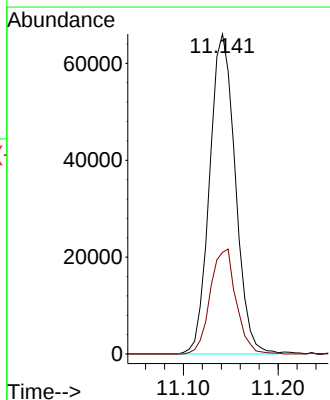
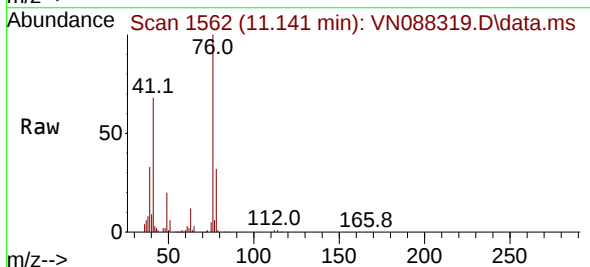
11/21/2025
Supervised By :Semsettin
Yesilyurt

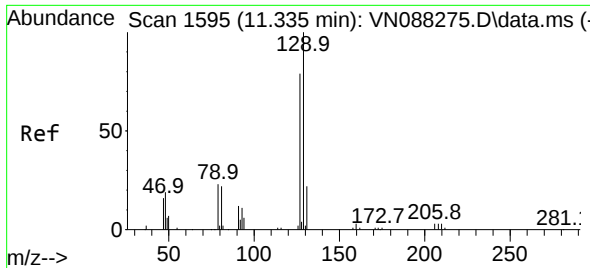
11/21/2025



#52
1,3-Dichloropropane
Concen: 20.949 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion: 76 Resp: 124502
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.2





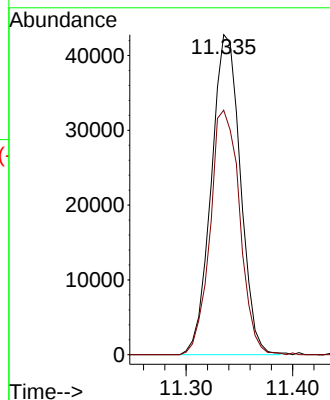
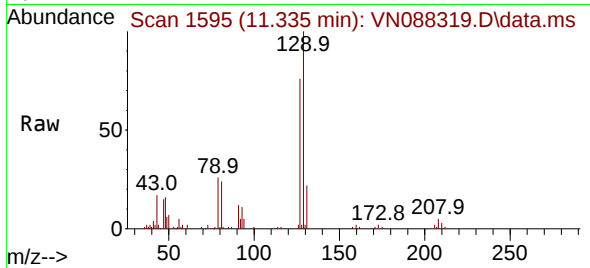
#53
Dibromochloromethane
Concen: 21.664 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion:129 Resp: 81200
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6

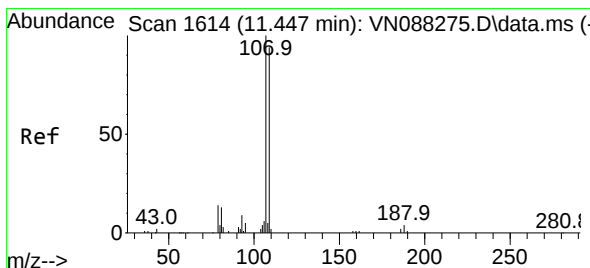
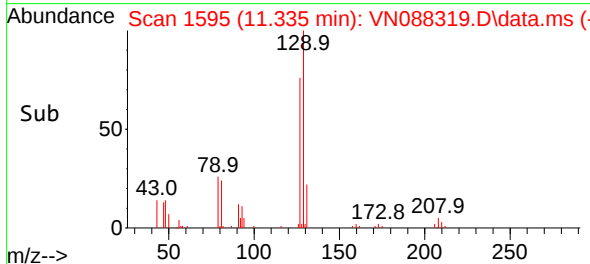
Manual Integrations
APPROVED

Reviewed By :John
Carlone



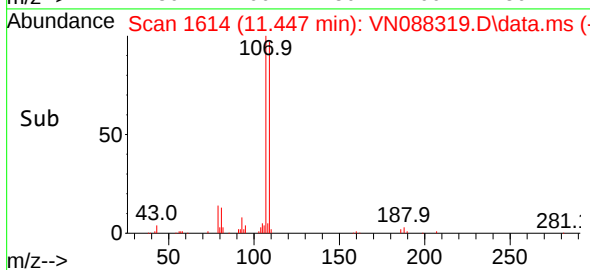
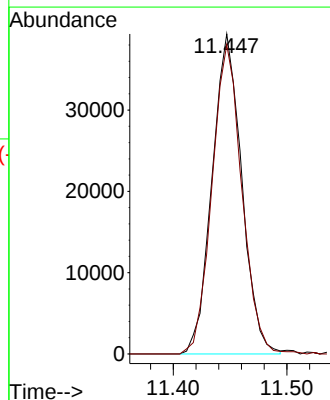
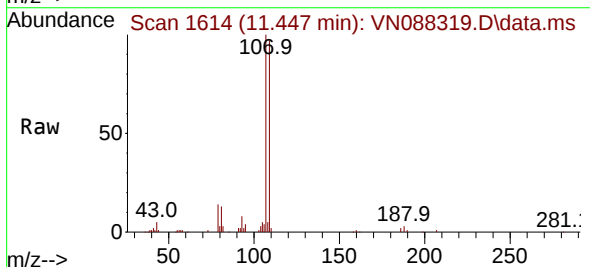
11/21/2025
Supervised By :Semsettin
Yesilyurt

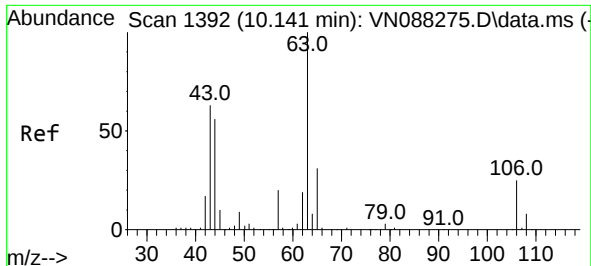
11/21/2025



#54
1,2-Dibromoethane
Concen: 21.037 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion:107 Resp: 71329
Ion Ratio Lower Upper
107 100
109 97.3 76.6 115.0





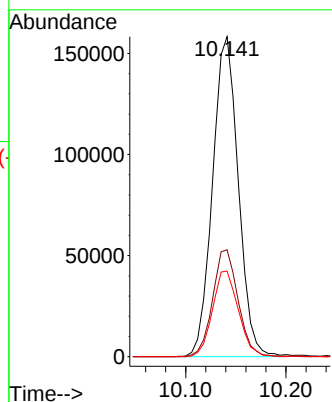
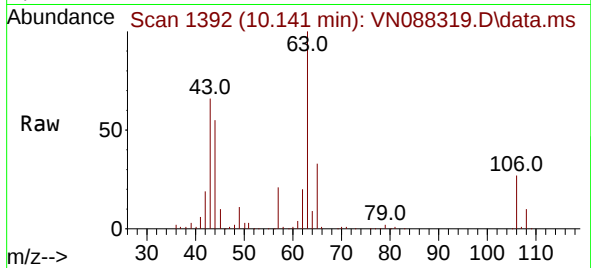
#55
2-Chloroethyl vinyl ether
Concen: 91.244 ug/l
RT: 10.141 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 63 Resp: 28219
Ion Ratio Lower Upper
63 100
65 33.1 24.9 37.3
106 27.0 20.3 30.5

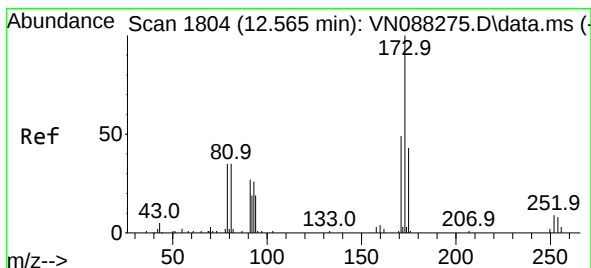
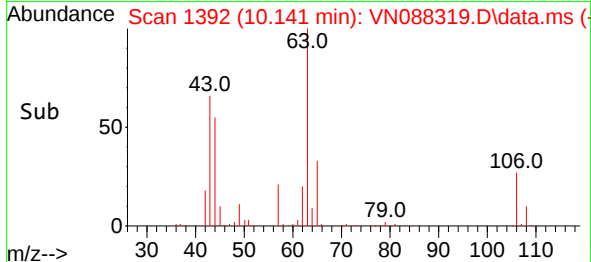
Manual Integrations
APPROVED

Reviewed By :John
Carlone



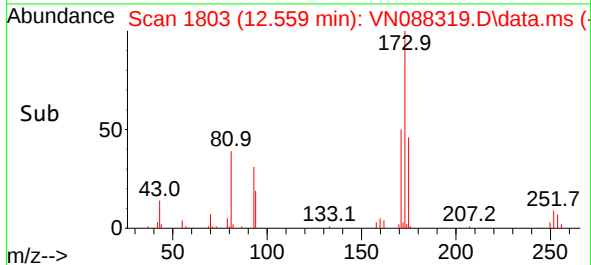
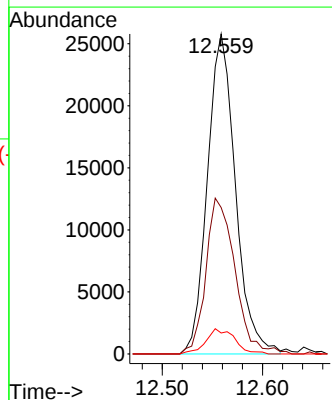
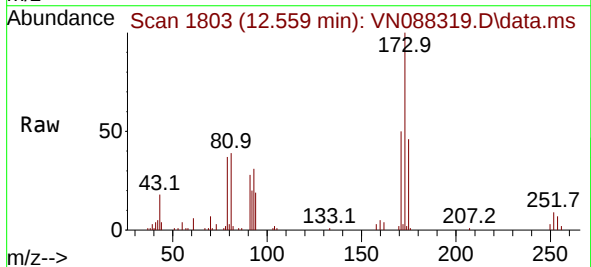
11/21/2025
Supervised By :Semsettin
Yesilyurt

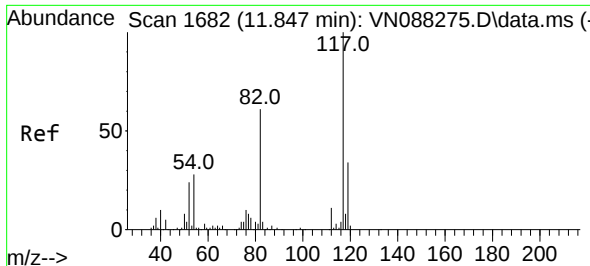
11/21/2025



#56
Bromoform
Concen: 21.117 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion:173 Resp: 50101
Ion Ratio Lower Upper
173 100
175 49.8 37.7 56.5
254 8.0 5.9 8.9





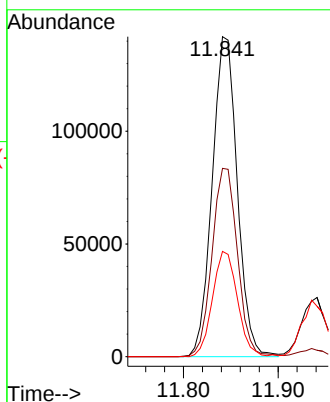
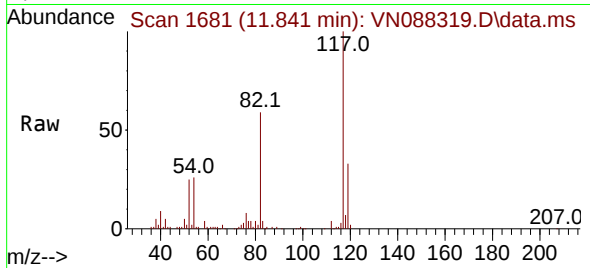
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion:117 Resp: 261609
Ion Ratio Lower Upper
117 100
82 59.6 49.3 73.9
119 32.6 26.4 39.6

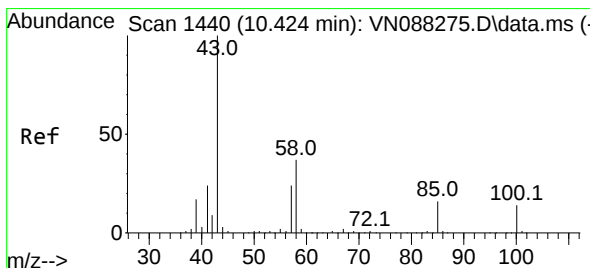
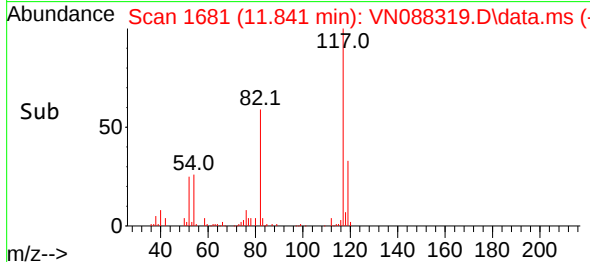
Manual Integrations
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Reviewed By :John
Carlone



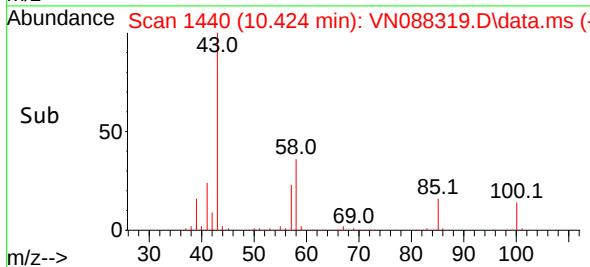
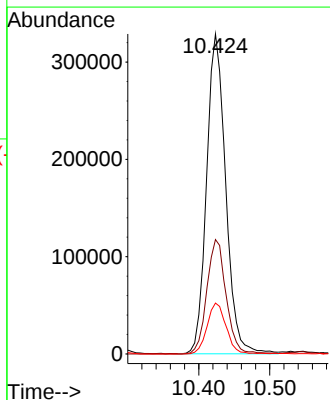
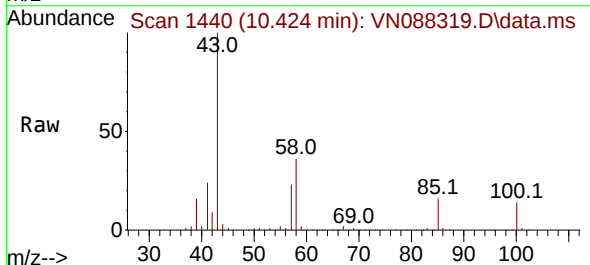
11/21/2025
Supervised By :Semsettin
Yesilyurt

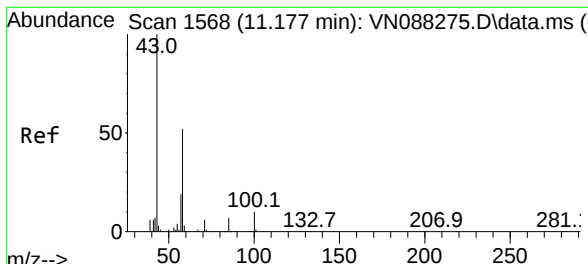
11/21/2025



#58
4-Methyl-2-Pentanone
Concen: 103.918 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

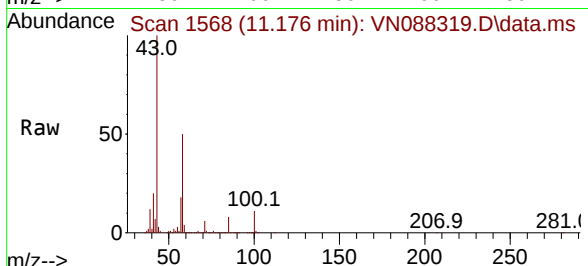
Tgt Ion: 43 Resp: 614867
Ion Ratio Lower Upper
43 100
58 36.2 29.2 43.8
85 15.8 12.6 19.0





#59
 2-Hexanone
 Concen: 101.566 ug/l
 RT: 11.176 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VN088319.D
 Acq: 20 Nov 2025 10:22

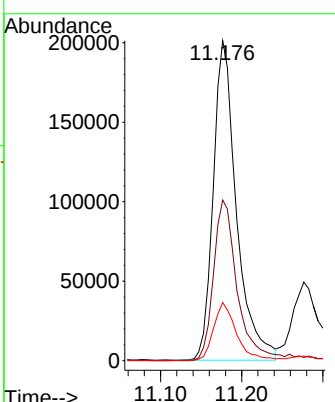
Instrument : MSVOA_N
 ClientSampleId : VN1120WBSD01



Tgt Ion: 43 Resp: 399048

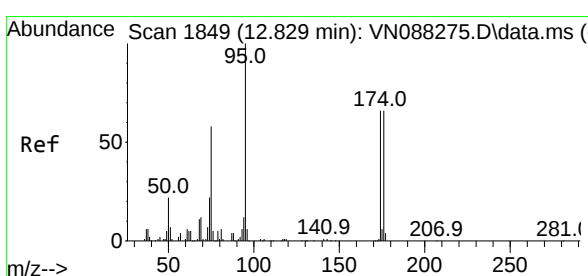
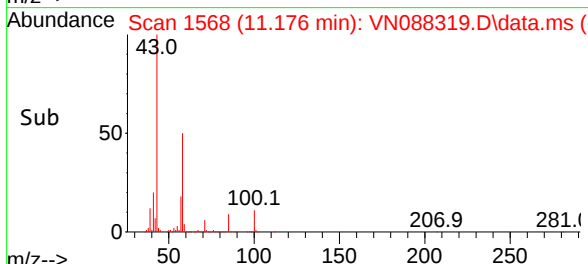
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.0	61.4
57	17.6	14.4	21.6

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 Supervised By :Semsettin
 Yesilyurt

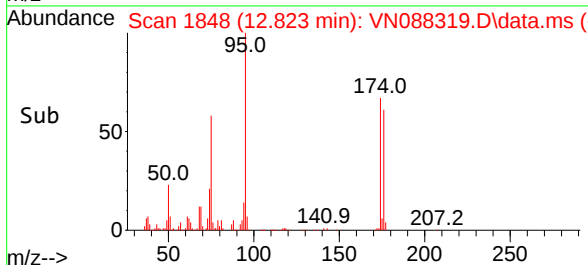
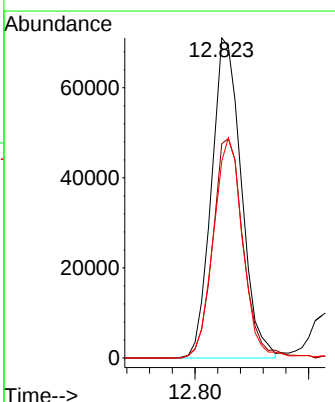
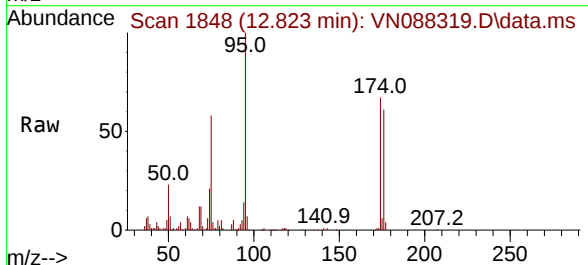
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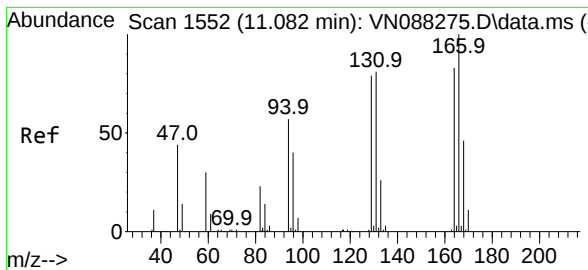


#60
 4-Bromofluorobenzene
 Concen: 29.253 ug/l
 RT: 12.823 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: VN088319.D
 Acq: 20 Nov 2025 10:22

Tgt Ion: 95 Resp: 129366

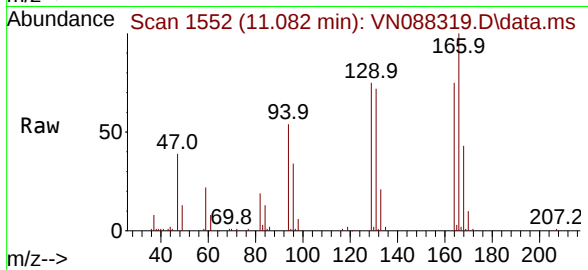
Ion	Ratio	Lower	Upper
95	100		
174	69.9	54.5	81.7
176	67.6	53.8	80.6





#61
Tetrachloroethene
Concen: 21.201 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

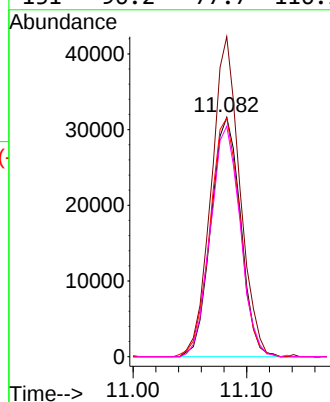
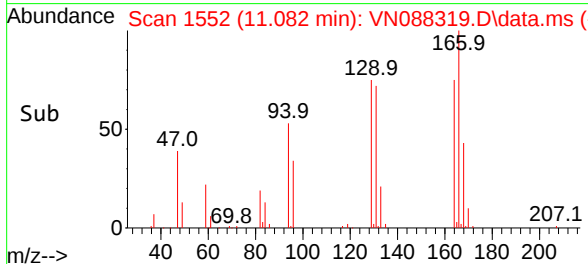
Instrument : MSVOA_N
ClientSampleId : VN1120WBSD01



Tgt Ion:164 Resp: 5718
Ion Ratio Lower Upper
164 100
166 133.7 96.3 144.5
129 99.6 76.2 114.2
131 96.2 77.7 116.5

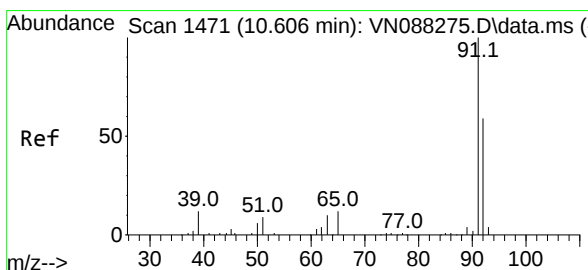
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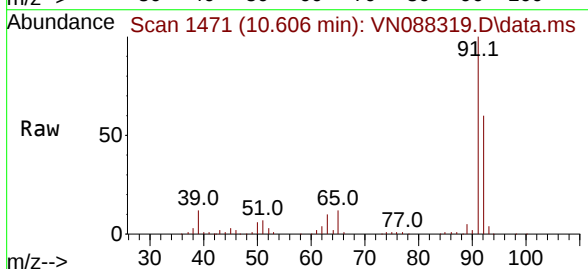


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Supervised By :Semsettin
Yesilyurt

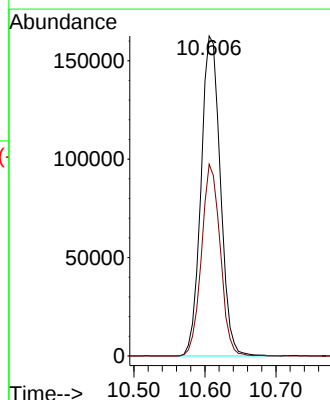
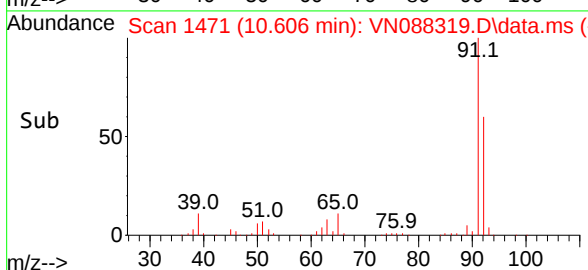
11/21/2025

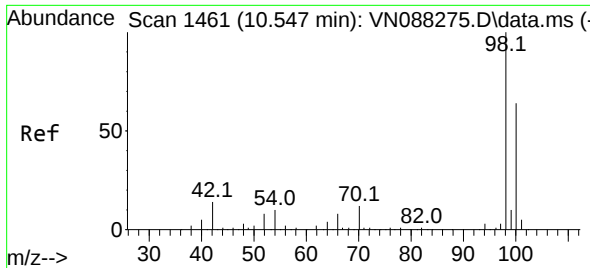


#62
Toluene
Concen: 20.550 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



Tgt Ion: 91 Resp: 308506
Ion Ratio Lower Upper
91 100
92 58.0 46.7 70.1





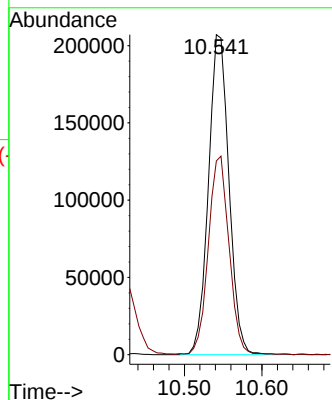
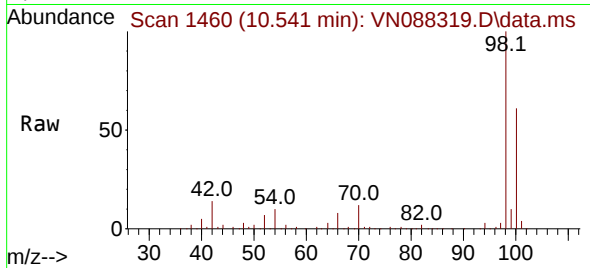
#63
Toluene-d8
Concen: 30.691 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 98 Resp: 380124
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4

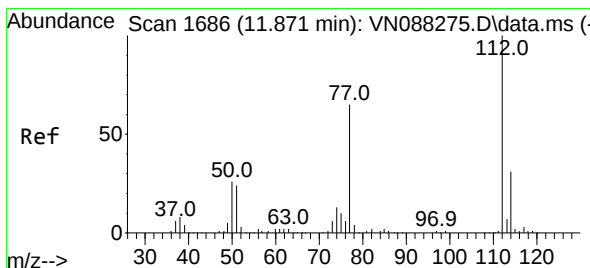
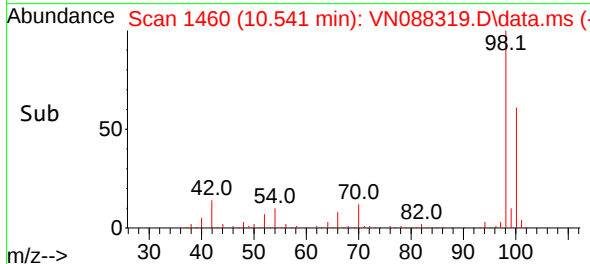
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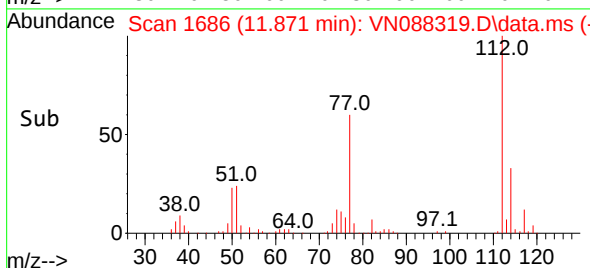
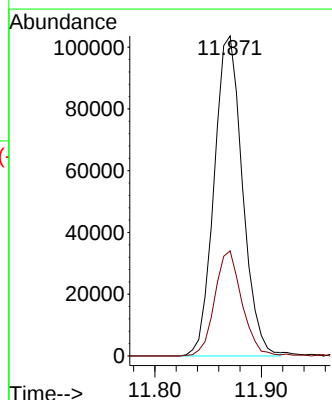
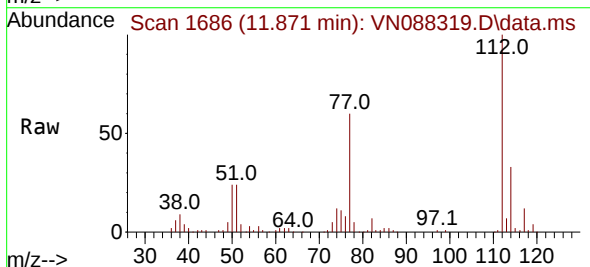
11/21/2025
Supervised By :Semsettin
Yesilyurt

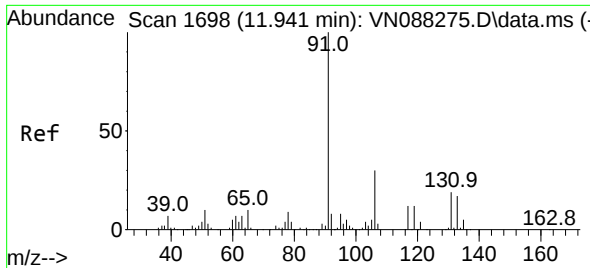
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#64
Chlorobenzene
Concen: 20.608 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion:112 Resp: 191612
Ion Ratio Lower Upper
112 100
114 32.9 25.0 37.4





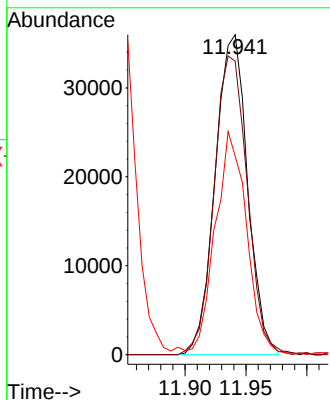
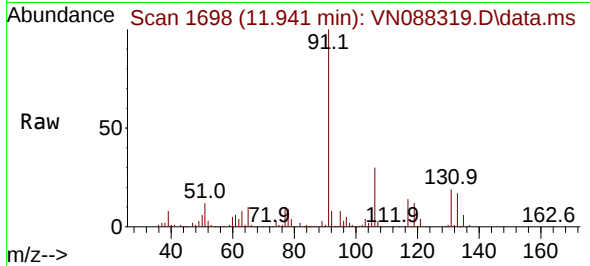
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.913 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN088319.D
 Acq: 20 Nov 2025 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion:131 Resp: 66552
 Ion Ratio Lower Upper
 131 100
 133 95.9 0.0 181.4
 119 67.4 0.0 135.0

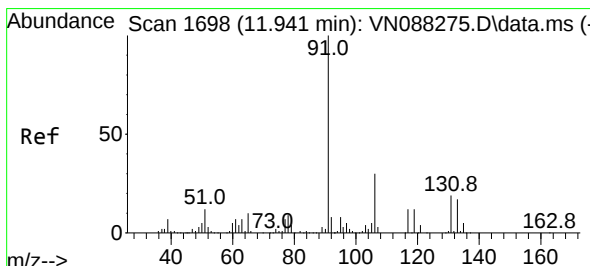
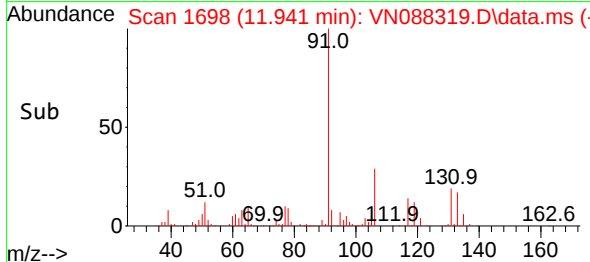
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Reviewed By :John
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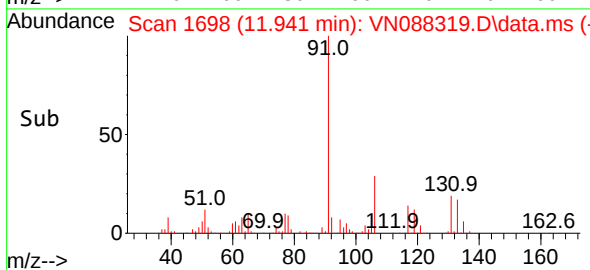
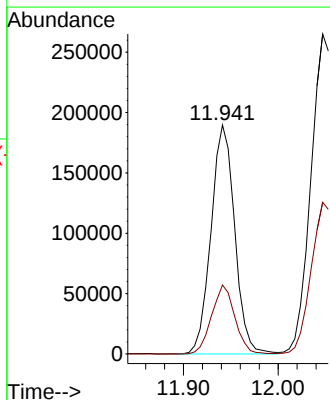
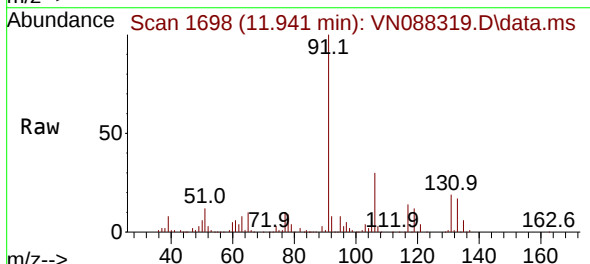
11/21/2025
 Supervised By :Semsettin
 Yesilyurt

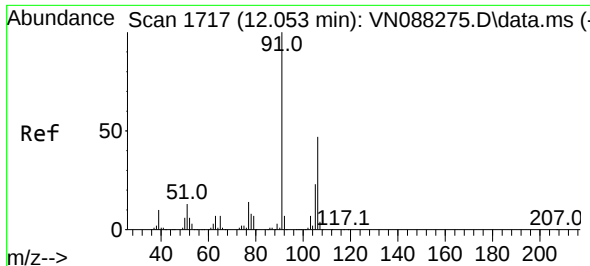
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#66
 Ethyl Benzene
 Concen: 19.921 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN088319.D
 Acq: 20 Nov 2025 10:22

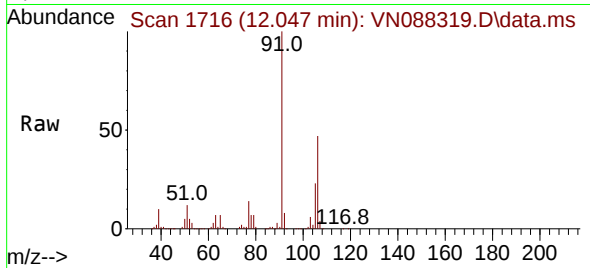
Tgt Ion: 91 Resp: 329608
 Ion Ratio Lower Upper
 91 100
 106 30.1 24.4 36.6





#67
m/p-Xylenes
Concen: 39.540 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

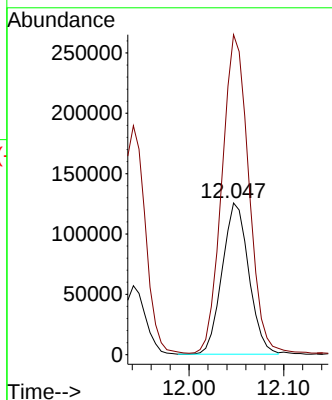
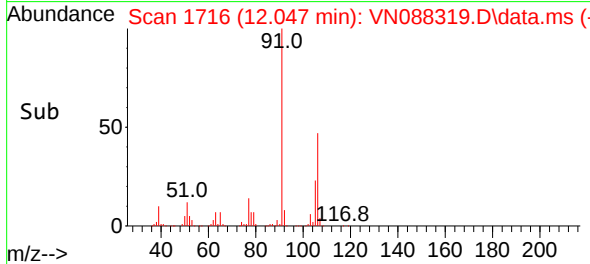
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion:106 Resp: 244658
Ion Ratio Lower Upper
106 100
91 215.2 168.3 252.5

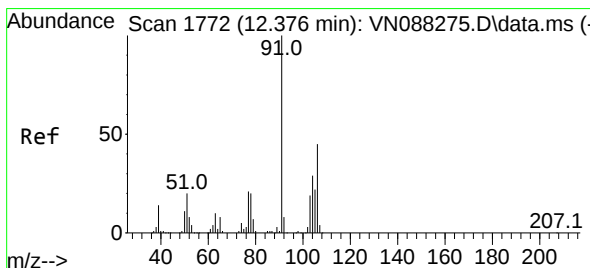
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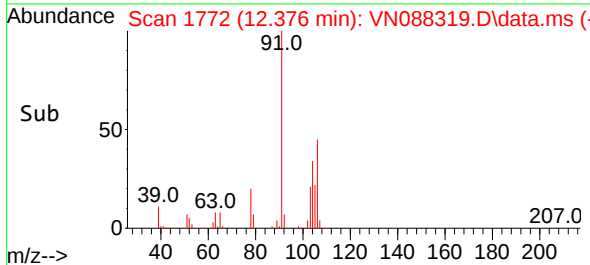
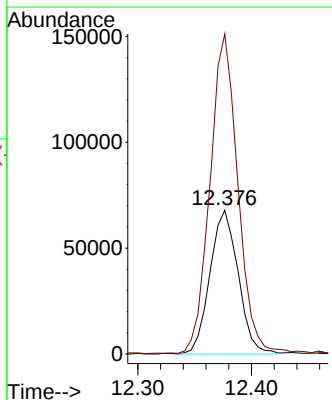
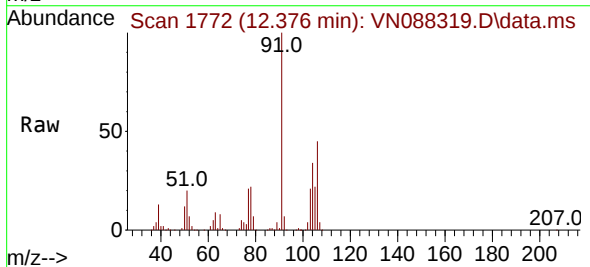
11/21/2025
Supervised By :Semsettin
Yesilyurt

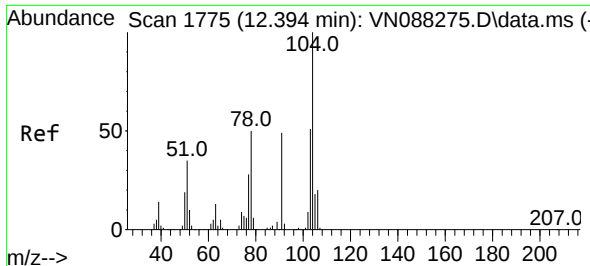
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#68
o-Xylene
Concen: 20.102 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion:106 Resp: 117332
Ion Ratio Lower Upper
106 100
91 219.8 114.0 342.0





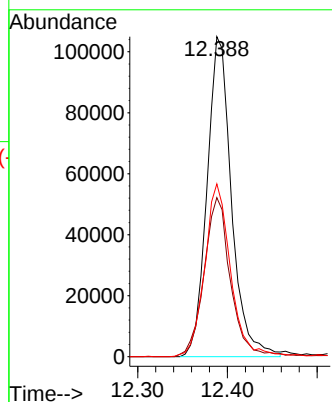
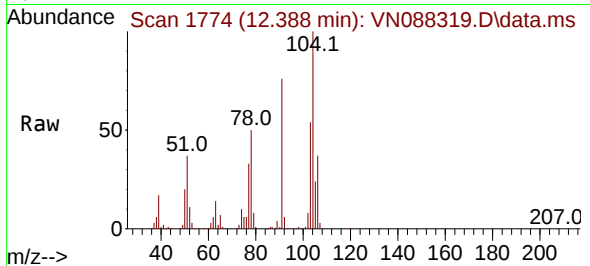
#69
Styrene
Concen: 20.062 ug/l
RT: 12.388 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion:104 Resp: 198890
Ion Ratio Lower Upper
104 100
78 53.3 43.8 65.8
103 55.5 44.8 67.2

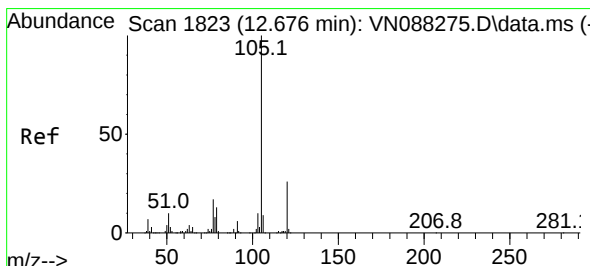
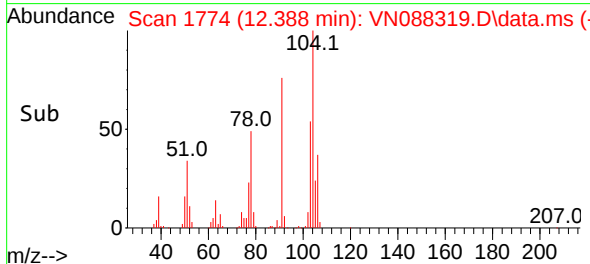
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Carlone



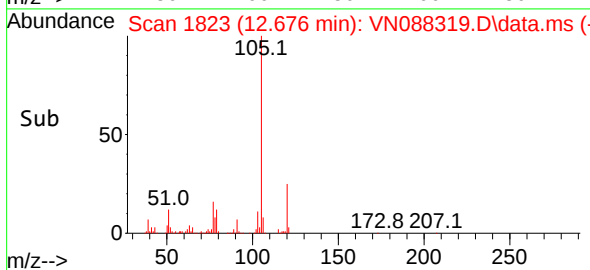
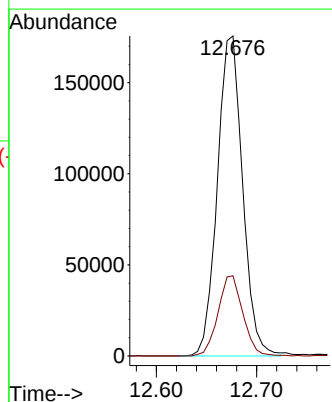
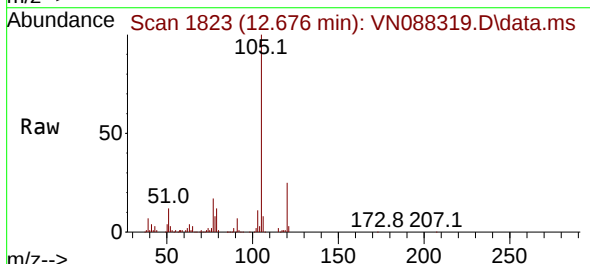
11/21/2025
Supervised By :Semsettin
Yesilyurt

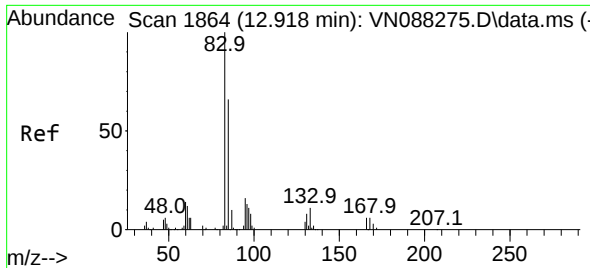
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#70
Isopropylbenzene
Concen: 19.856 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

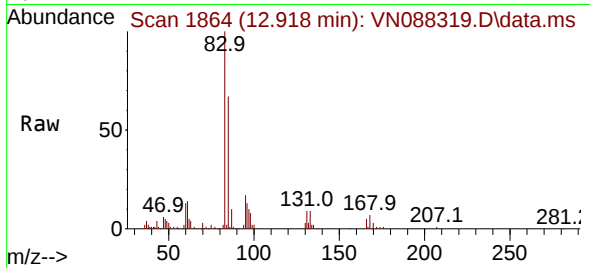
Tgt Ion:105 Resp: 307152
Ion Ratio Lower Upper
105 100
120 24.6 18.2 33.8





#71
1,1,2-Tetrachloroethane
Concen: 21.821 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

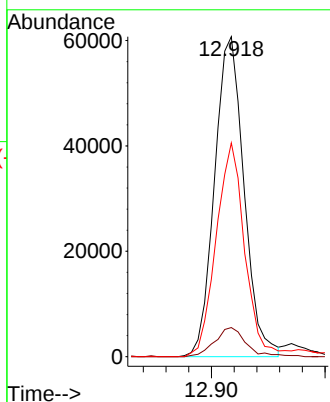
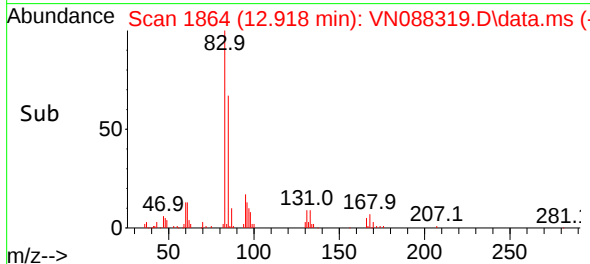
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 83 Resp: 10934
Ion Ratio Lower Upper
83 100
131 9.0 4.3 12.9
85 64.3 32.4 97.2

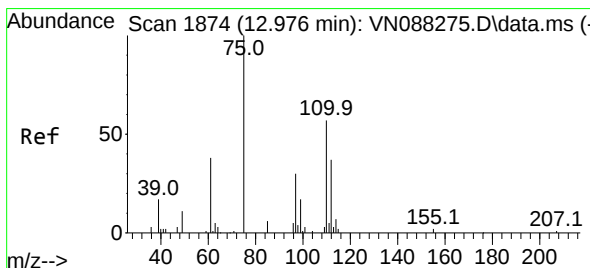
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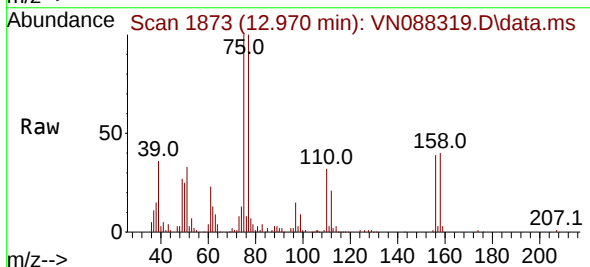


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Yesilyurt

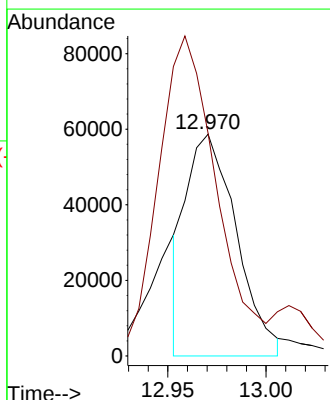
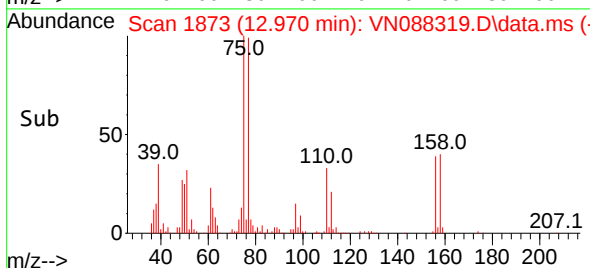
11/21/2025

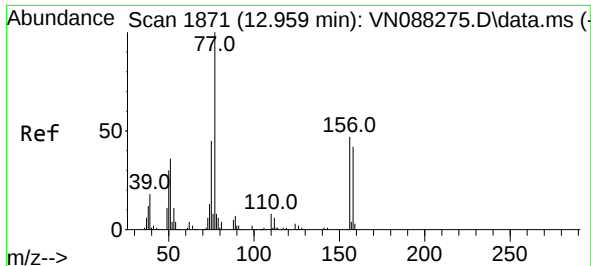


#72
1,2,3-Trichloropropane
Concen: 21.478 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



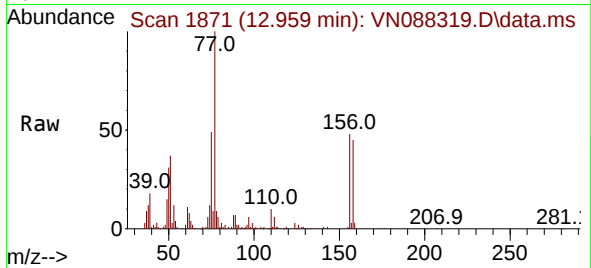
Tgt Ion: 75 Resp: 104263
Ion Ratio Lower Upper
75 100
77 169.1 0.0 386.6





#73
Bromobenzene
Concen: 21.016 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

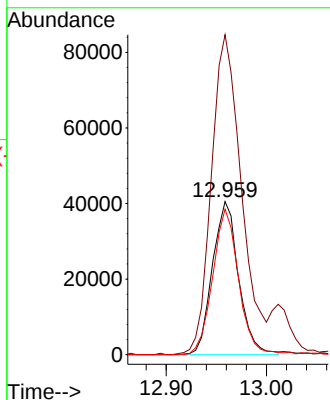
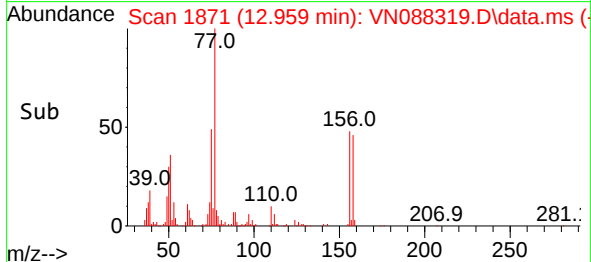
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion:156 Resp: 73392
Ion Ratio Lower Upper
156 100
77 240.3 0.0 493.4
158 93.9 0.0 193.4

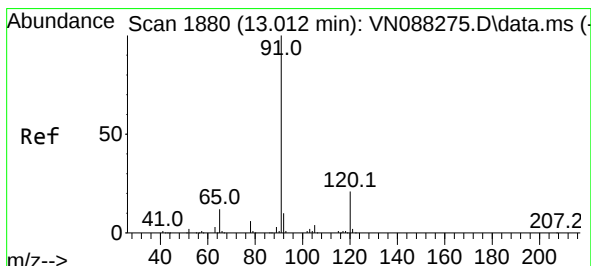
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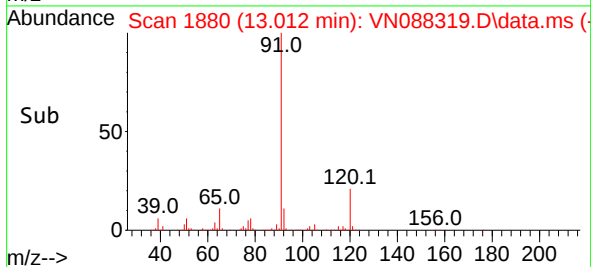
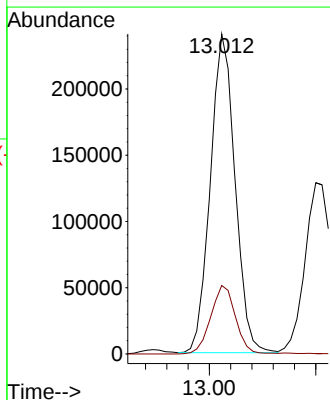
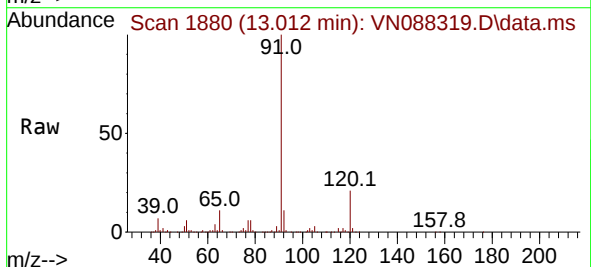
11/21/2025
Supervised By :Semsettin
Yesilyurt

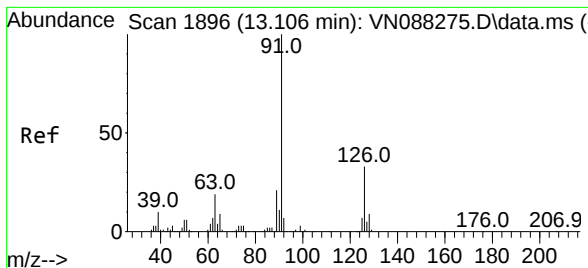
11/21/2025



#74
n-propylbenzene
Concen: 20.184 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Tgt Ion: 91 Resp: 386385
Ion Ratio Lower Upper
91 100
120 21.6 0.0 43.2





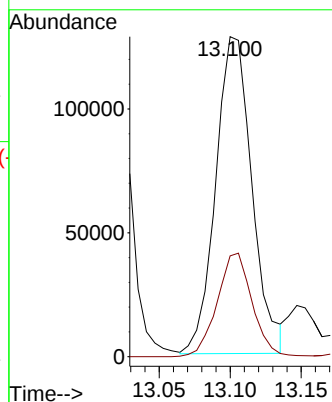
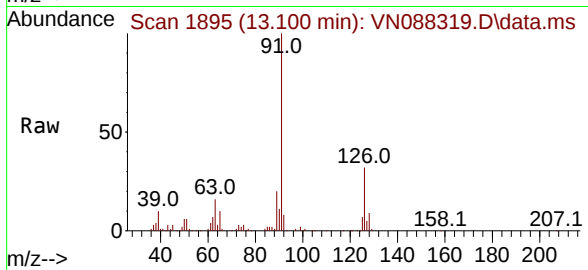
#75
2-Chlorotoluene
Concen: 19.555 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01

Tgt Ion: 91 Resp: 22763
Ion Ratio Lower Upper
91 100
126 31.5 0.0 62.0

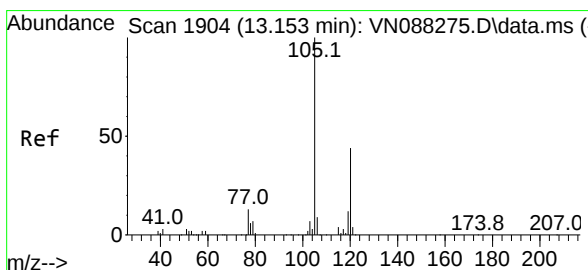
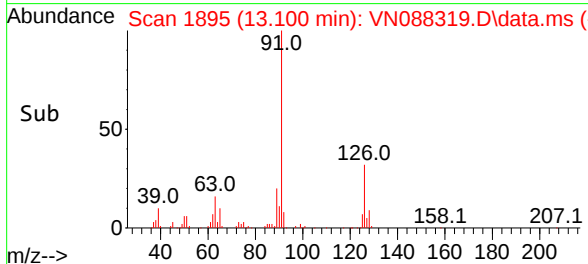
Manual Integrations
APPROVED

Reviewed By :John
Carlone



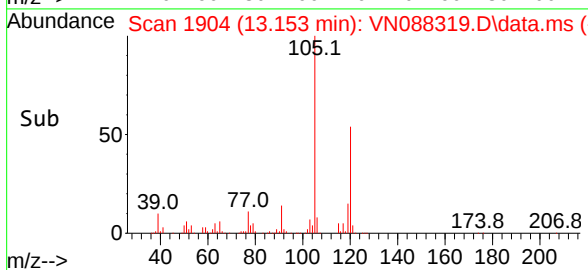
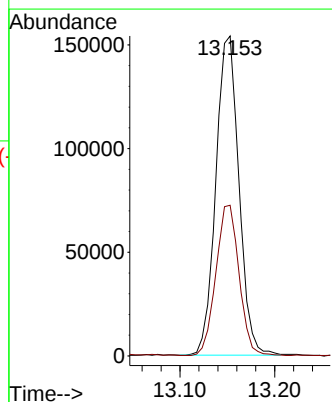
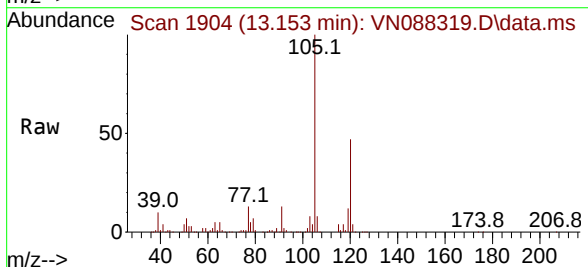
11/21/2025
Supervised By :Semsettin
Yesilyurt

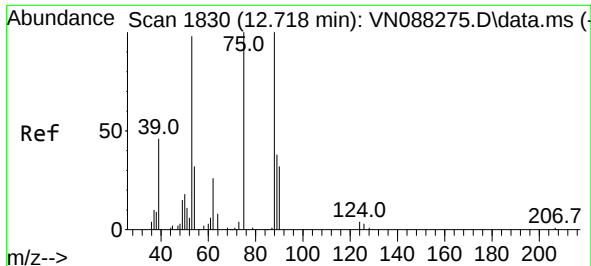
11/21/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.075 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

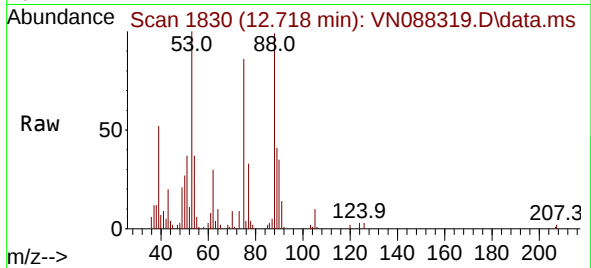
Tgt Ion:105 Resp: 260668
Ion Ratio Lower Upper
105 100
120 47.7 0.0 94.6





#77
t-1,4-Dichloro-2-butene
Concen: 20.190 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

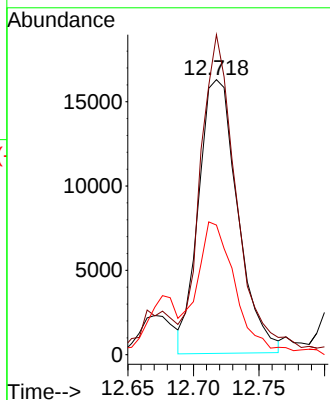
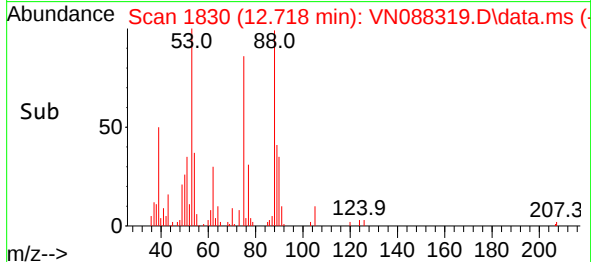
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 75 Resp: 33658
Ion Ratio Lower Upper
75 100
53 115.8 50.0 150.0
89 46.8 22.3 66.9

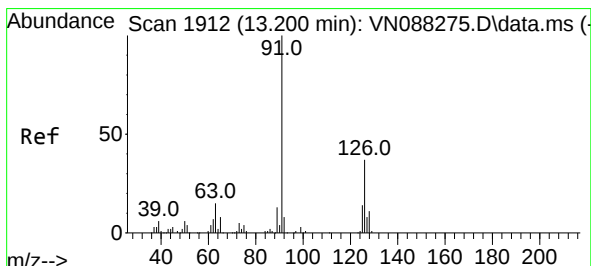
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Reviewed By :John
Carlone



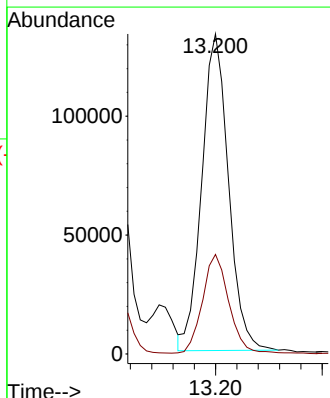
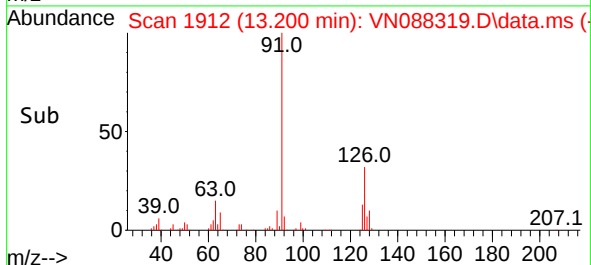
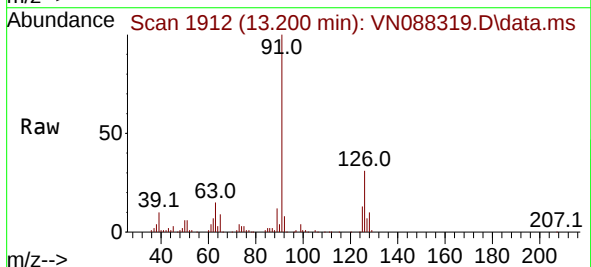
11/21/2025
Supervised By :Semsettin
Yesilyurt

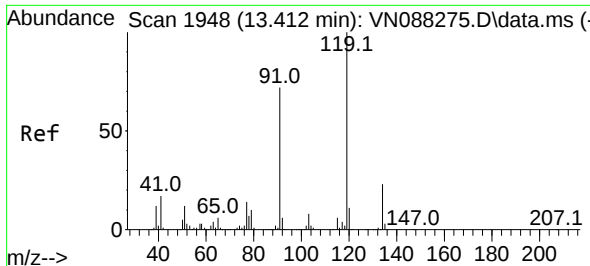
11/21/2025



#78
4-Chlorotoluene
Concen: 19.637 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

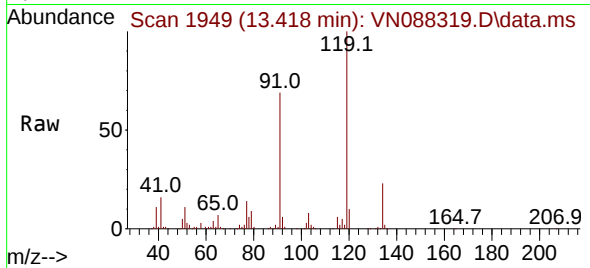
Tgt Ion: 91 Resp: 231642
Ion Ratio Lower Upper
91 100
126 30.6 0.0 60.8





#79
tert-butylbenzene
Concen: 19.678 ug/l
RT: 13.418 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

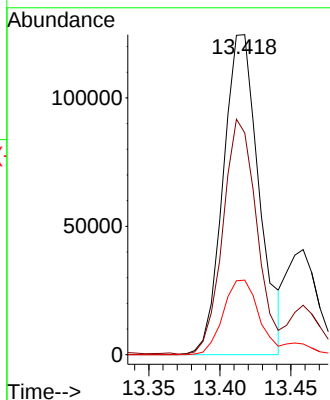
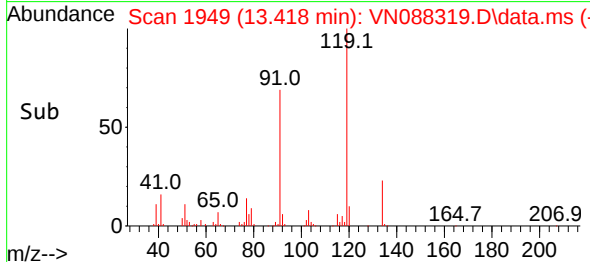
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion:119 Resp: 21875
Ion Ratio Lower Upper
119 100
91 69.3 0.0 140.8
134 23.1 0.0 48.4

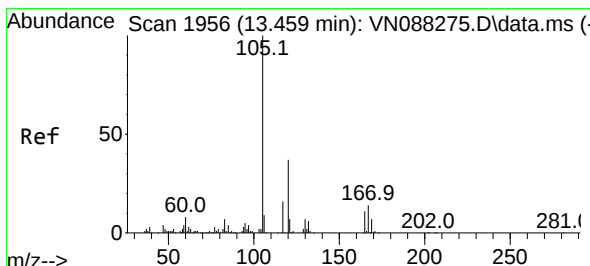
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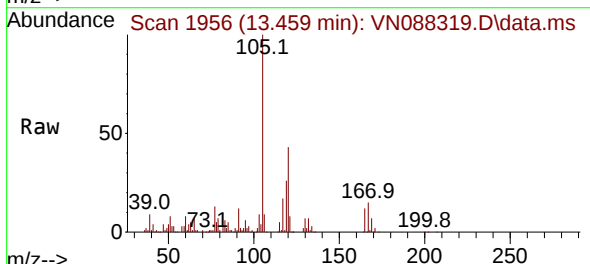


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Supervised By :Semsettin
Yesilyurt

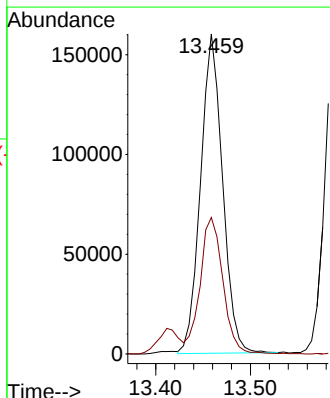
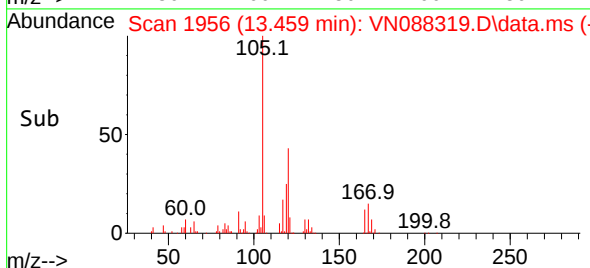
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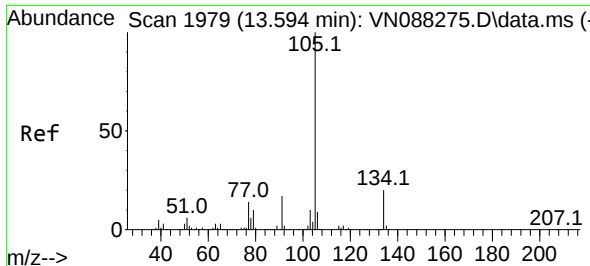


#80
1,2,4-Trimethylbenzene
Concen: 20.004 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



Tgt Ion:105 Resp: 258295
Ion Ratio Lower Upper
105 100
120 43.9 0.0 89.2





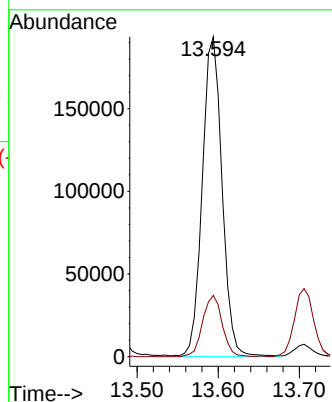
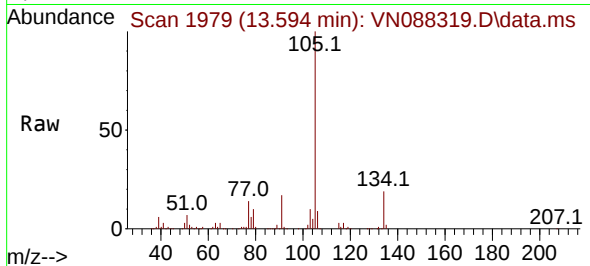
#81
 sec-Butylbenzene
 Concen: 20.170 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088319.D
 Acq: 20 Nov 2025 10:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1120WBSD01

Tgt Ion:105 Resp: 327040
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4

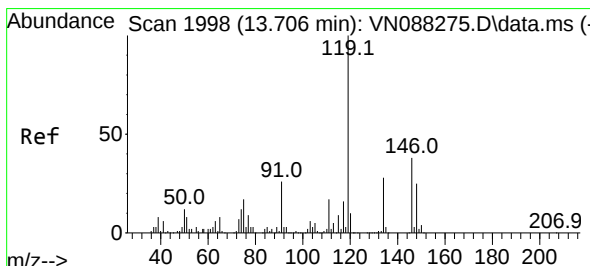
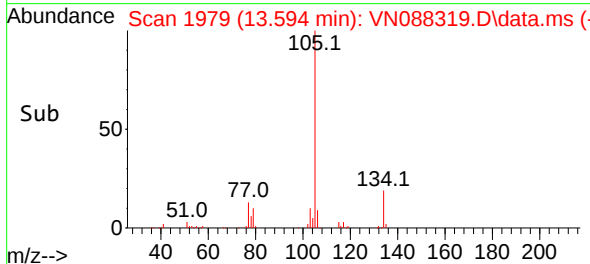
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 Carlone



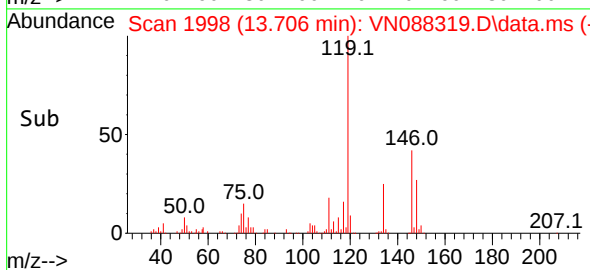
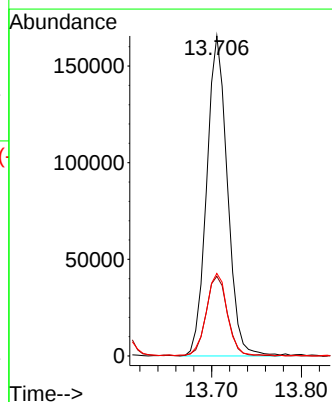
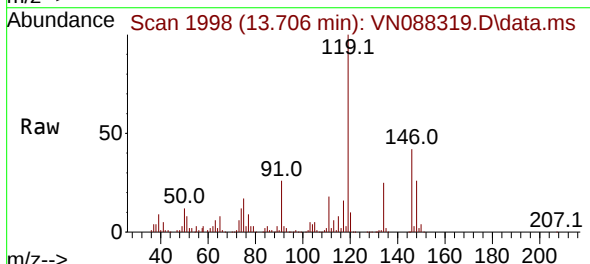
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 Supervised By :Semsettin
 Yesilyurt

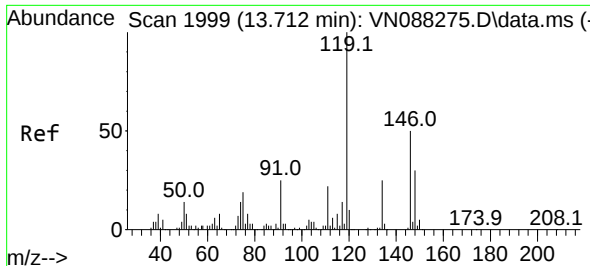
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#82
 p-Isopropyltoluene
 Concen: 19.803 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088319.D
 Acq: 20 Nov 2025 10:22

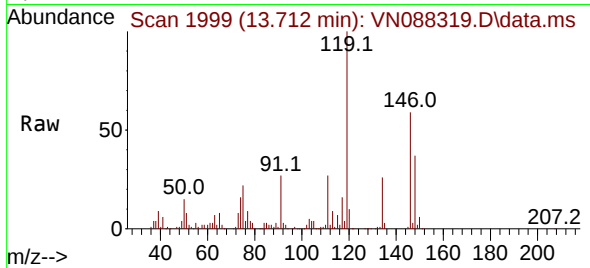
Tgt Ion:119 Resp: 265333
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.2
 91 25.8 0.0 53.4





#83
1,3-Dichlorobenzene
Concen: 20.829 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

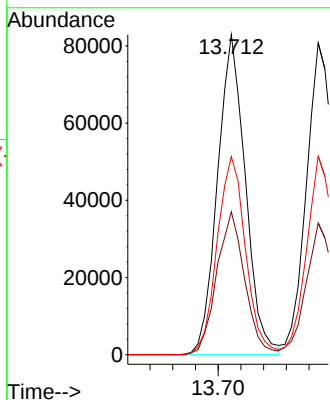
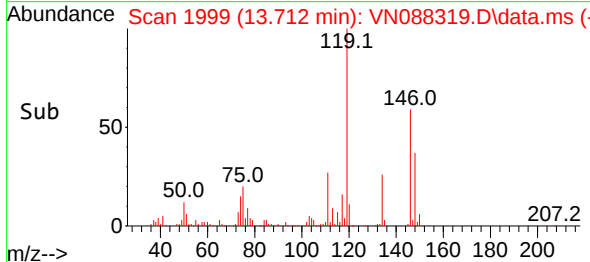
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion:146 Resp: 141320
Ion Ratio Lower Upper
146 100
111 45.0 22.1 66.5
148 63.2 31.4 94.3

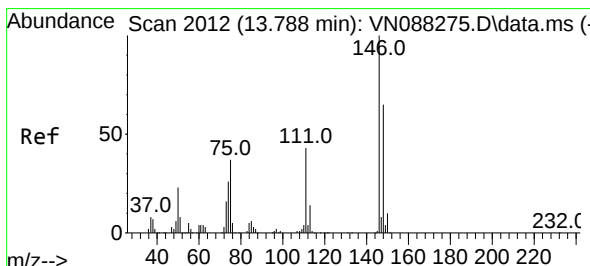
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Carlone

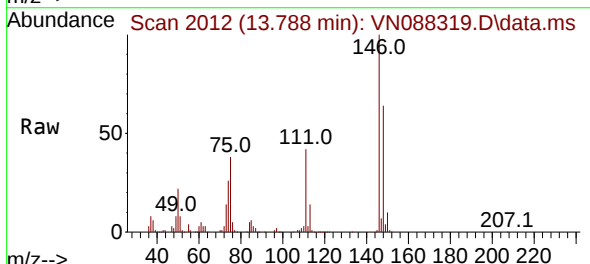


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Supervised By :Semsettin
Yesilyurt

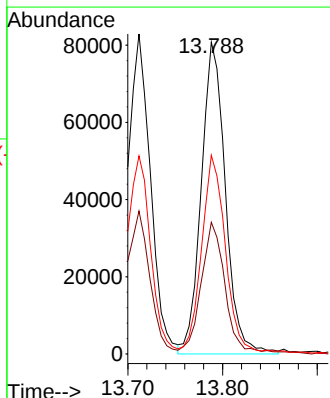
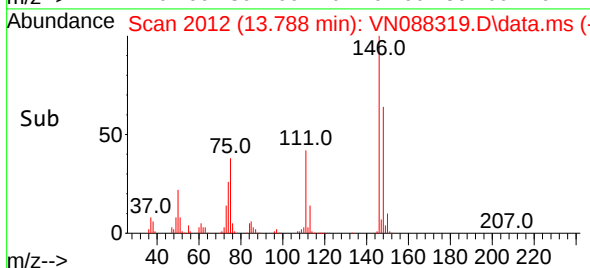
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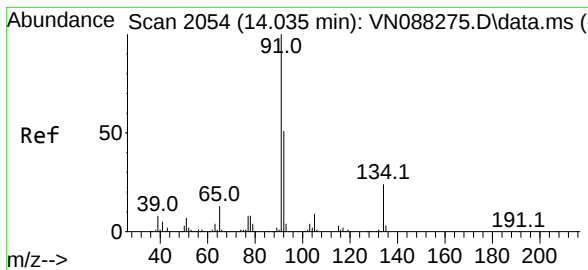


#84
1,4-Dichlorobenzene
Concen: 20.767 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



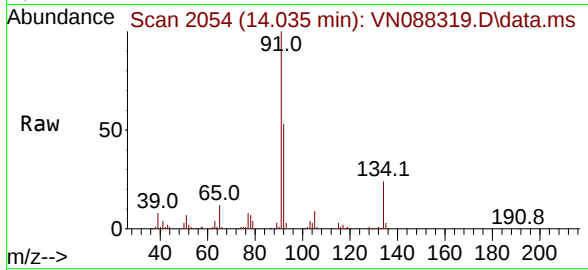
Tgt Ion:146 Resp: 142695
Ion Ratio Lower Upper
146 100
111 38.3 21.8 65.3
148 61.0 31.9 95.5





#85
n-Butylbenzene
Concen: 20.012 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

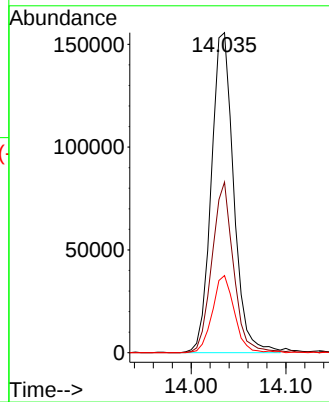
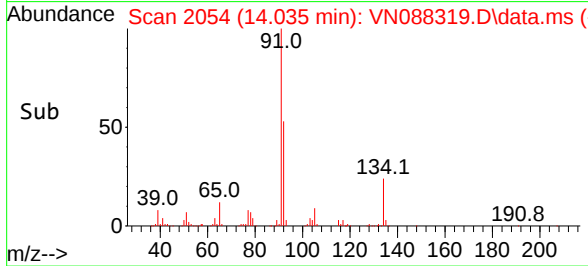
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion: 91 Resp: 255540
Ion Ratio Lower Upper
91 100
92 51.3 0.0 102.4
134 23.5 0.0 45.8

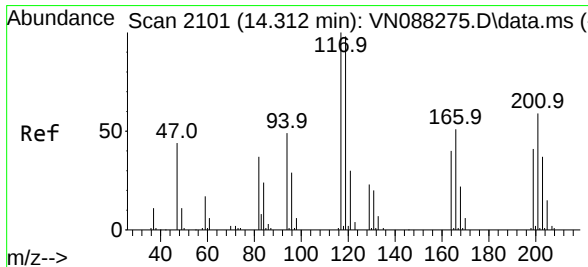
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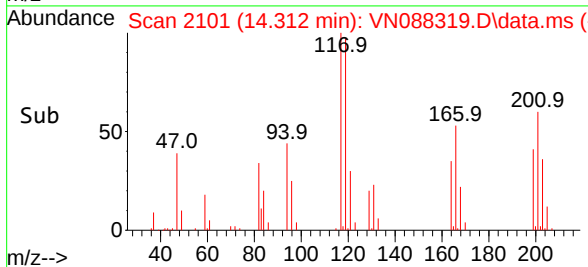
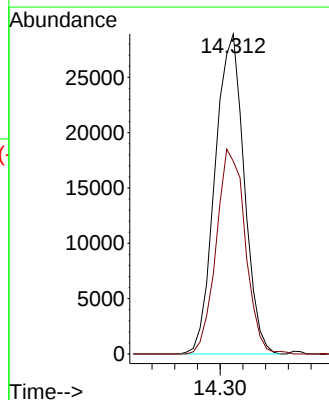
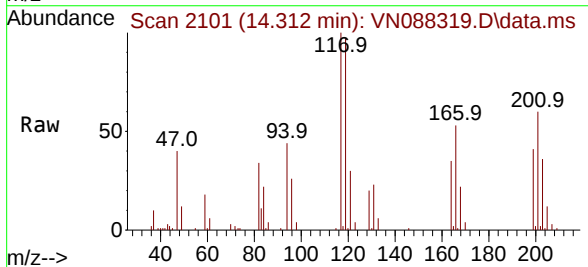
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Supervised By :Semsettin
Yesilyurt

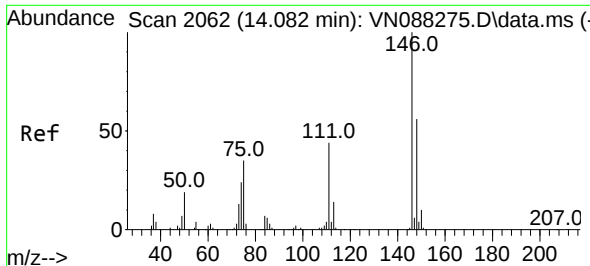
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#86
Hexachloroethane
Concen: 20.070 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

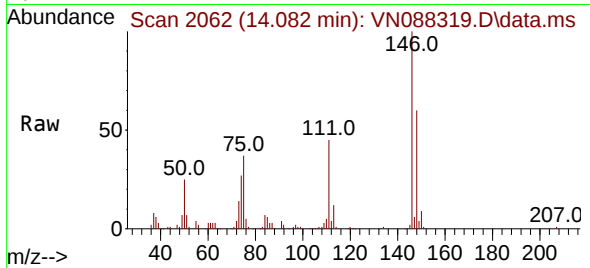
Tgt Ion:117 Resp: 51486
Ion Ratio Lower Upper
117 100
201 63.5 30.6 92.0





#87
1,2-Dichlorobenzene
Concen: 21.068 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

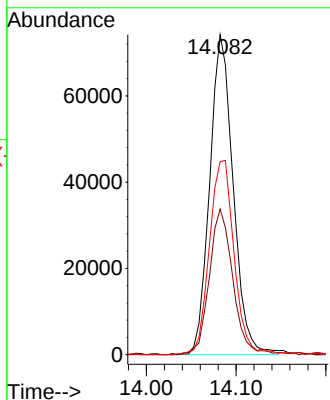
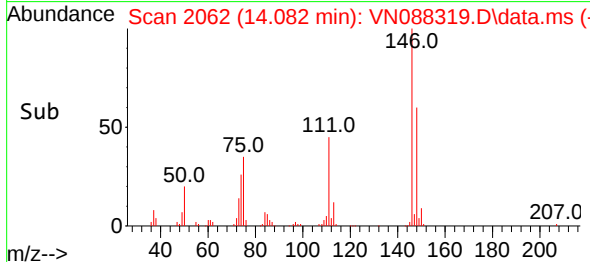
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion:146 Resp: 13493
Ion Ratio Lower Upper
146 100
111 44.6 23.0 69.0
148 62.9 31.1 93.2

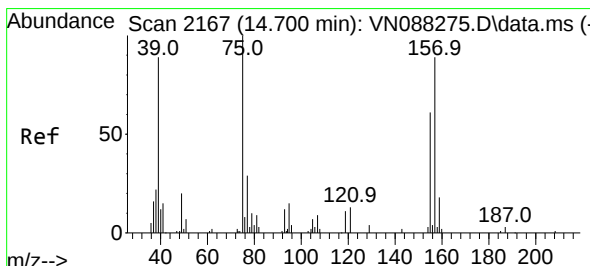
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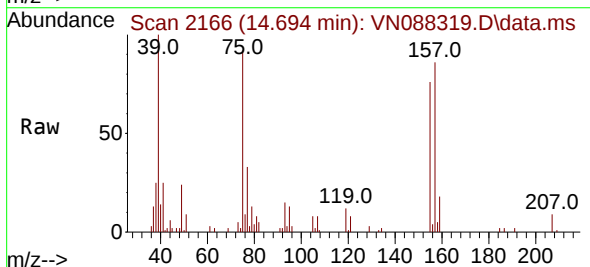


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Yesilyurt

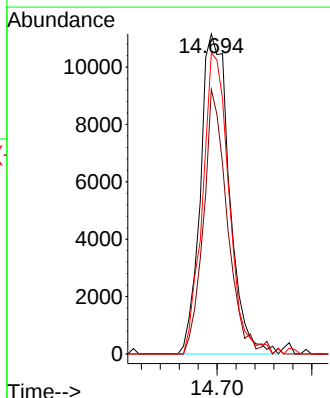
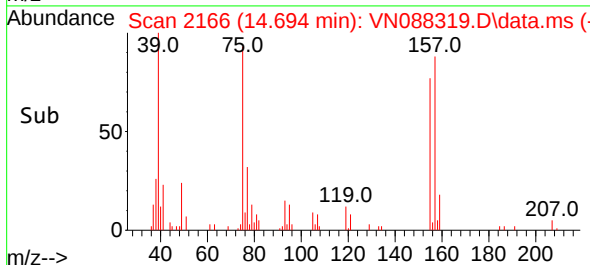
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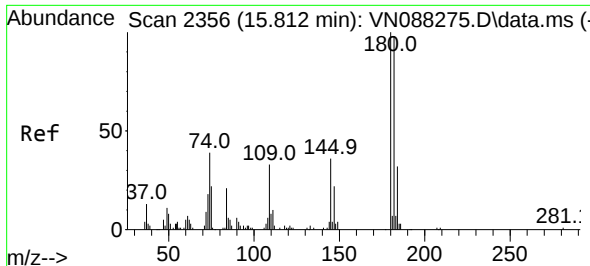


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.041 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



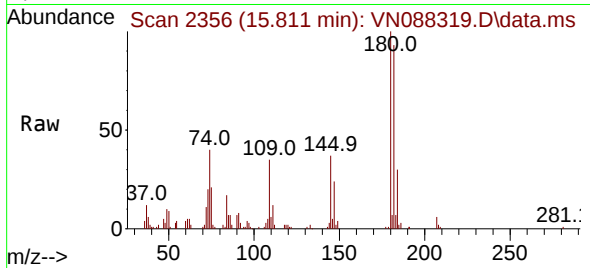
Tgt Ion: 75 Resp: 23604
Ion Ratio Lower Upper
75 100
155 67.5 54.8 82.2
157 85.3 70.7 106.1





#89
1,2,4-Trichlorobenzene
Concen: 20.472 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

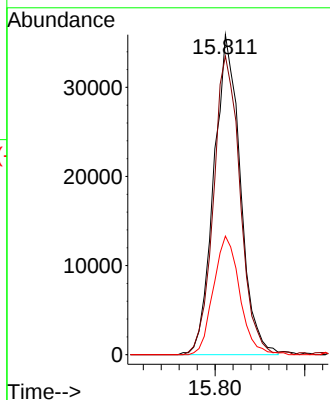
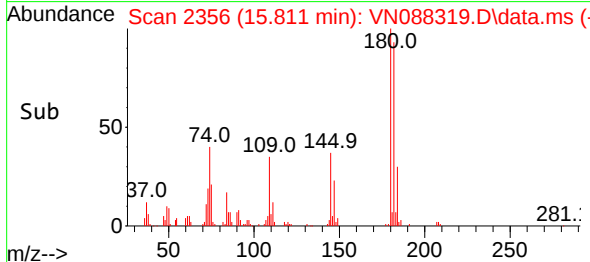
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion:180 Resp: 7357
Ion Ratio Lower Upper
180 100
182 93.4 77.3 115.9
145 36.8 30.2 45.4

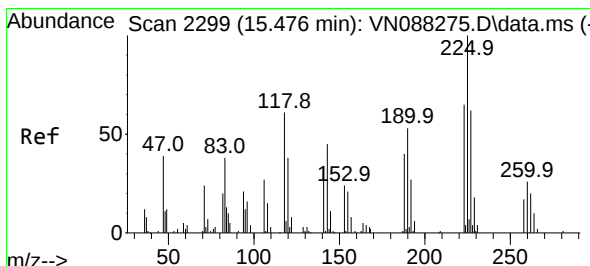
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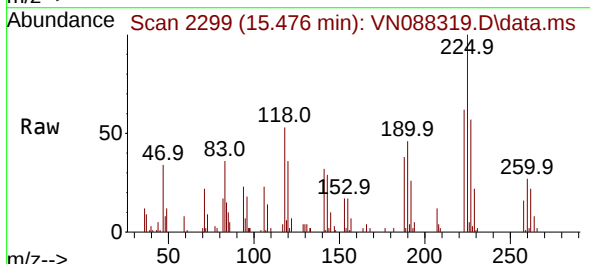


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Supervised By :Semsettin
Yesilyurt

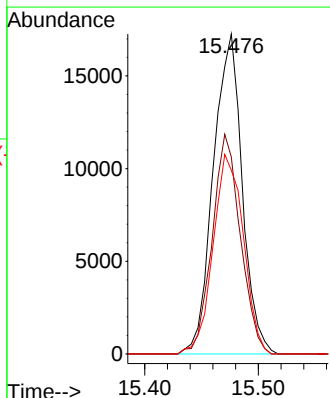
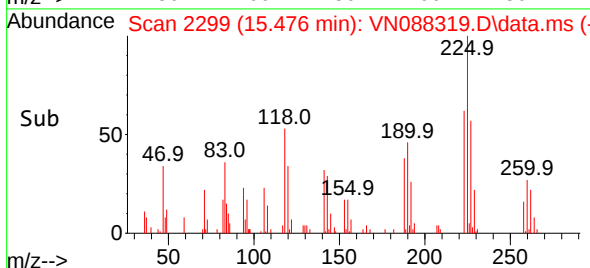
11/21/2025

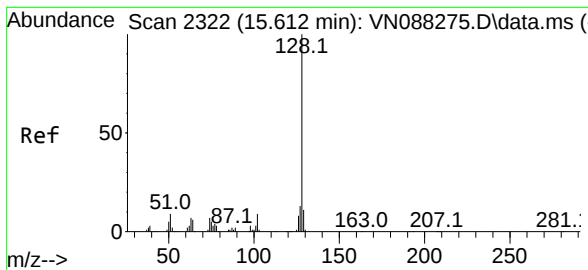


#90
Hexachlorobutadiene
Concen: 21.882 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



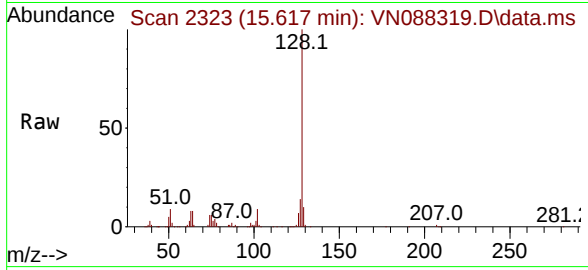
Tgt Ion:225 Resp: 30541
Ion Ratio Lower Upper
225 100
223 67.0 0.0 132.0
227 65.2 0.0 132.6





#91
Naphthalene
Concen: 19.458 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22

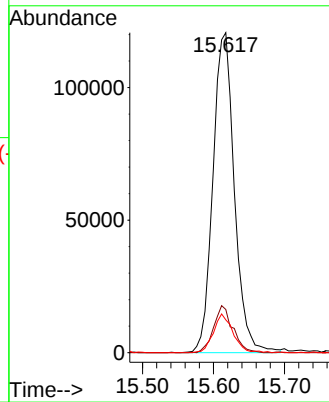
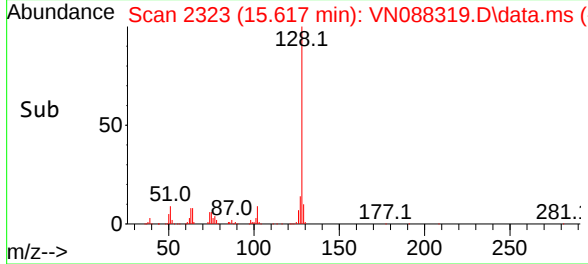
Instrument :
MSVOA_N
ClientSampleId :
VN1120WBSD01



Tgt Ion:128 Resp: 25302
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.8 13.2

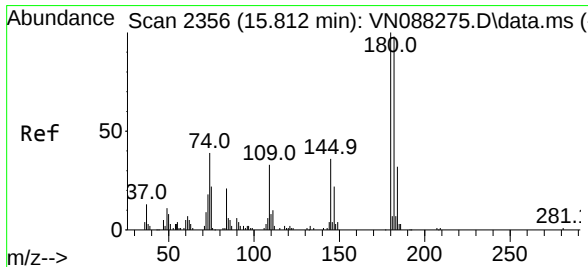
Manual Integrations
APPROVED

Reviewed By :John
Carlone

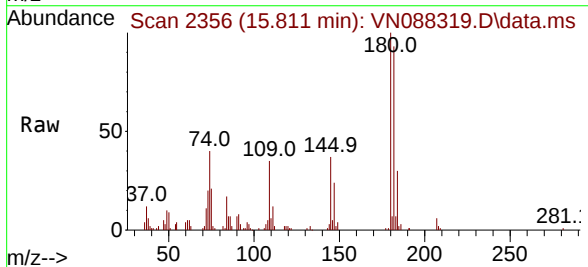


11/21/2025
Supervised By :Semsettin
Yesilyurt

11/21/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.472 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088319.D
Acq: 20 Nov 2025 10:22



Tgt Ion:180 Resp: 73575
Ion Ratio Lower Upper
180 100
182 93.4 0.0 193.2
145 36.8 0.0 75.6

