

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102025\
 Data File : VN088073.D
 Acq On : 20 Oct 2025 09:26
 Operator : JC\MD
 Sample : VN1020WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Oct 21 05:35:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
 Response via : Initial Calibration

10/21/2025
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Bromochloromethane	7.800	128	62285	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	343376	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	304684	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	156635	32.296	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.667%	
60) 4-Bromofluorobenzene	12.829	95	152913	30.443	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 101.467%	
63) Toluene-d8	10.547	98	420133	30.949	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.167%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	77653	21.767	ug/l	92
3) Chloromethane	2.383	50	76792	18.986	ug/l	95
4) Vinyl Chloride	2.536	62	85262	20.217	ug/l	97
5) Bromomethane	2.983	94	50875	22.434	ug/l	98
6) Chloroethane	3.136	64	60988	21.923	ug/l	95
7) Trichlorofluoromethane	3.512	101	130211	22.705	ug/l	99
8) Diethyl Ether	3.959	74	49392	19.061	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	67557	22.006	ug/l	96
10) 1,1-Dichloroethene	4.342	96	68131	20.804	ug/l	95
11) Methyl Iodide	4.589	142	52620	17.434	ug/l	93
12) Methyl Acetate	5.018	43	116619	21.905	ug/l	93
13) Acrolein	4.183	56	59308	71.986	ug/l #	4
14) Acrylonitrile	5.706	53	254622	99.104	ug/l	100
15) Acetone	4.424	58	67752	90.045	ug/l	87
16) Carbon Disulfide	4.706	76	202681	19.743	ug/l	96
17) Allyl chloride	5.018	41	118111	19.113	ug/l	95
18) Methylene Chloride	5.265	84	79795	19.171	ug/l	96
19) trans-1,2-Dichloroethene	5.777	96	74543	19.687	ug/l	89
20) Diisopropyl ether	6.659	45	279278	19.851	ug/l	99
21) 1,1-Dichloroethane	6.553	63	147591	20.152	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	91891	19.387	ug/l	96
23) tert-Butyl Alcohol	5.518	59	95731	92.904	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	275566	19.494	ug/l #	78
25) Chloroform	7.947	83	150557	19.921	ug/l	97
26) Cyclohexane	8.241	56	125784	20.729	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	104611	21.254	ug/l	97
30) 2-Butanone	7.471	43	362293	99.803	ug/l	98
31) 2,2-Dichloropropane	7.471	77	134132	21.150	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	130492	21.218	ug/l	98
33) Carbon Tetrachloride	8.341	117	110825	21.513	ug/l	98
34) Benzene	8.588	78	323530	19.817	ug/l	98
35) Methacrylonitrile	7.765	41	79995	20.956	ug/l	98
36) 1,2-Dichloroethane	8.653	62	120255	21.218	ug/l	97
37) Trichloroethene	9.329	130	75973	19.642	ug/l	97
38) Methylcyclohexane	9.577	83	126136	20.752	ug/l	96
39) 1,2-Dichloropropane	9.600	63	82623	20.184	ug/l	100
40) Dibromomethane	9.688	93	61481	20.633	ug/l	94
41) Bromodichloromethane	9.865	83	124256	20.418	ug/l	98
42) Vinyl Acetate	6.588	43	1170698	94.666	ug/l	98

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10/21/2025
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Quant Time: Oct 21 05:35:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 09 02:36:32 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	139785	20.032	ug/l	98
44) Isopropyl Acetate	8.671	43	224369	19.686	ug/l	98
45) 1,4-Dioxane	9.677	88	29977	395.465	ug/l #	94
46) Methyl methacrylate	9.665	41	104697	20.859	ug/l	94
47) n-amyl Acetate	12.576	43	113335m	20.980	ug/l	
48) t-1,3-Dichloropropene	10.812	75	133458	19.721	ug/l	98
49) cis-1,3-Dichloropropene	10.288	75	135218	19.155	ug/l	92
50) 1,1,2-Trichloroethane	10.994	97	78759	19.959	ug/l	95
51) Ethyl methacrylate	10.859	69	129959	19.460	ug/l	98
52) 1,3-Dichloropropane	11.141	76	137735	20.006	ug/l	100
53) Dibromochloromethane	11.335	129	91345	19.363	ug/l	100
54) 1,2-Dibromoethane	11.447	107	80700	19.129	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	358393	99.423	ug/l	98
56) Bromoform	12.559	173	57617	18.065	ug/l	98
58) 4-Methyl-2-Pentanone	10.424	43	689865	101.227	ug/l	98
59) 2-Hexanone	11.176	43	439800	97.743	ug/l	98
61) Tetrachloroethene	11.082	164	59740	19.362	ug/l	95
62) Toluene	10.606	91	346319	20.038	ug/l	100
64) Chlorobenzene	11.871	112	216235	19.588	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	76374	20.076	ug/l	99
66) Ethyl Benzene	11.941	91	382033	20.329	ug/l	98
67) m/p-Xylenes	12.047	106	288899	39.877	ug/l	97
68) o-Xylene	12.376	106	139692	19.369	ug/l	96
69) Styrene	12.394	104	235197	19.714	ug/l	99
70) Isopropylbenzene	12.676	105	361962	20.478	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.918	83	120825	20.162	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	100533m	18.063	ug/l	
73) Bromobenzene	12.959	156	79169	18.325	ug/l	88
74) n-propylbenzene	13.012	91	445643	20.885	ug/l	97
75) 2-Chlorotoluene	13.106	91	263437	20.191	ug/l	97
76) 1,3,5-Trimethylbenzene	13.153	105	306719	20.428	ug/l	96
77) t-1,4-Dichloro-2-butene	12.718	75	40290	18.165	ug/l	95
78) 4-Chlorotoluene	13.200	91	266609	20.113	ug/l	98
79) tert-butylbenzene	13.417	119	268223	20.607	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	302874	20.150	ug/l	97
81) sec-Butylbenzene	13.594	105	391552	21.395	ug/l	97
82) p-Isopropyltoluene	13.706	119	329248	21.072	ug/l	99
83) 1,3-Dichlorobenzene	13.712	146	157162	19.334	ug/l	98
84) 1,4-Dichlorobenzene	13.794	146	163893	19.550	ug/l	99
85) n-Butylbenzene	14.035	91	316165	21.750	ug/l	97
86) Hexachloroethane	14.312	117	66588	21.274	ug/l	85
87) 1,2-Dichlorobenzene	14.088	146	152656	19.093	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	29509	21.440	ug/l	87
89) 1,2,4-Trichlorobenzene	15.811	180	87549	18.383	ug/l	98
90) Hexachlorobutadiene	15.470	225	33672	20.315	ug/l	95
91) Naphthalene	15.617	128	326635	18.734	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	87549	18.383	ug/l	98

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

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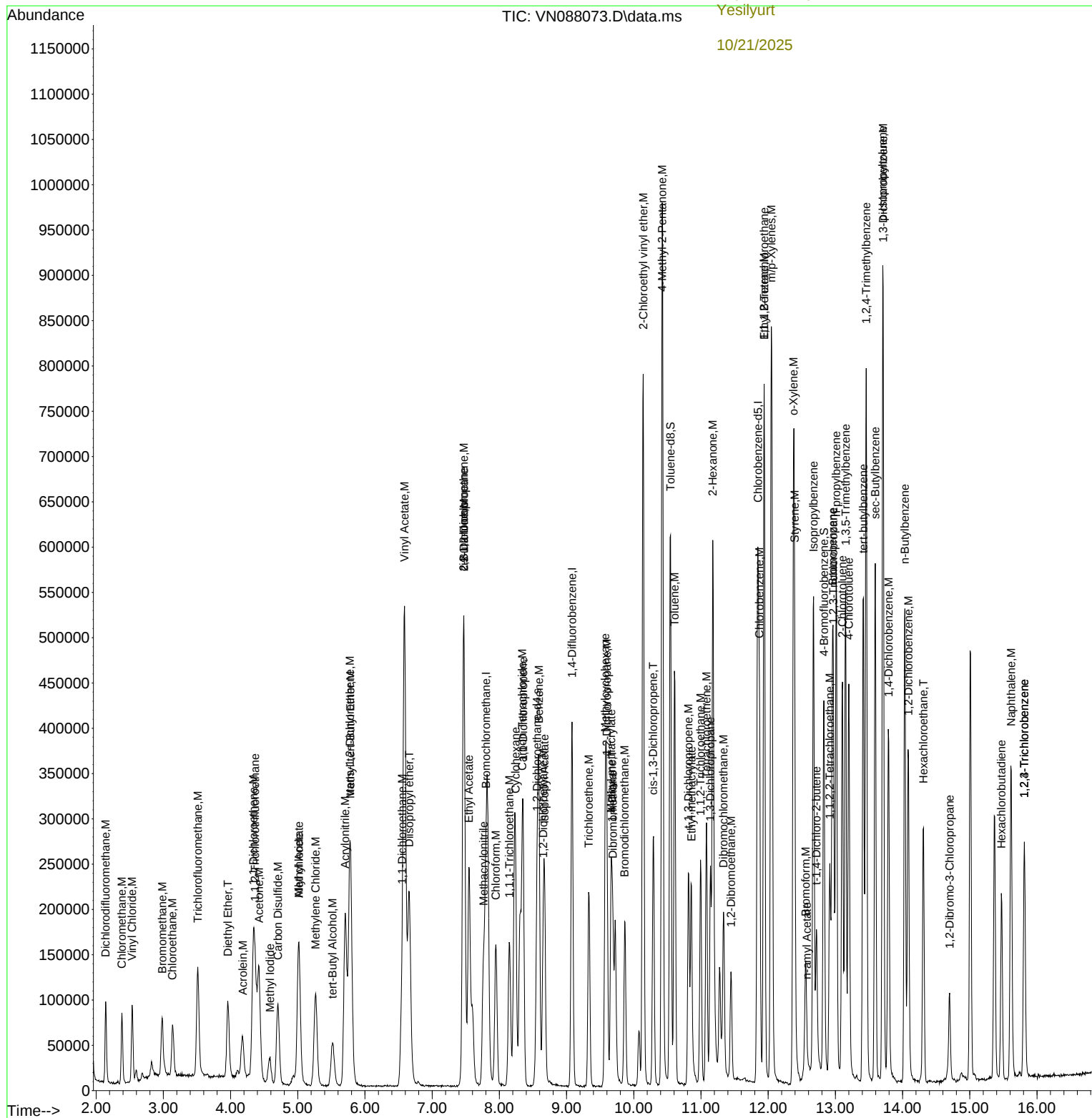
Manual Integrations
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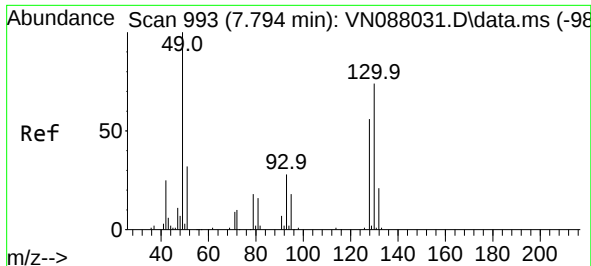
Reviewed By :John
Carlone

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Supervised By :Semsettin
Yesilyurt

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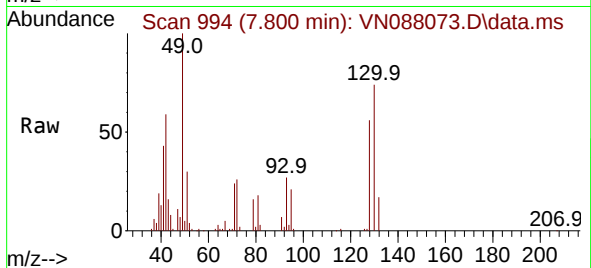
Quant Time: Oct 21 05:35:16 2025
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Oct 09 02:36:32 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



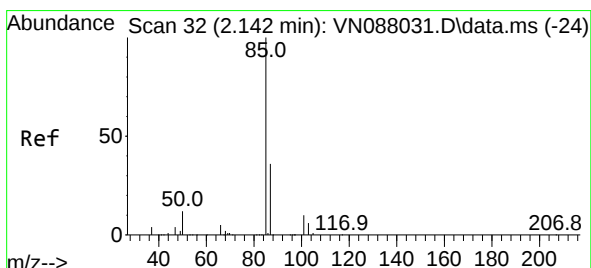
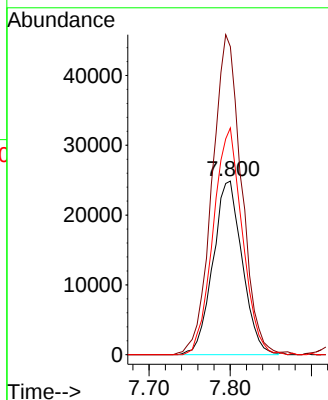
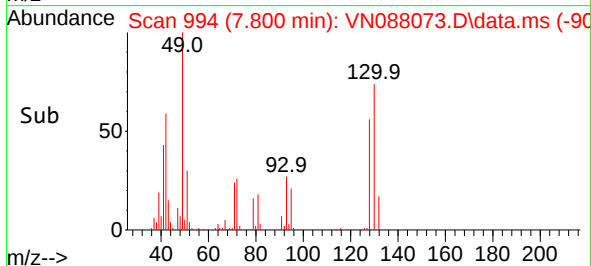
Tgt Ion: 128 Resp: 6228
Ion Ratio Lower Upper
128 100
49 184.7 0.0 439.8
130 130.1 0.0 325.8

Manual Integrations
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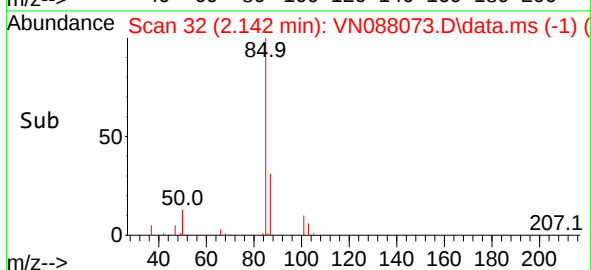
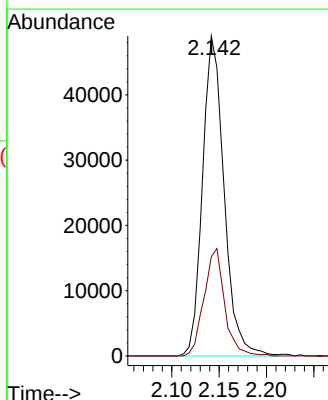
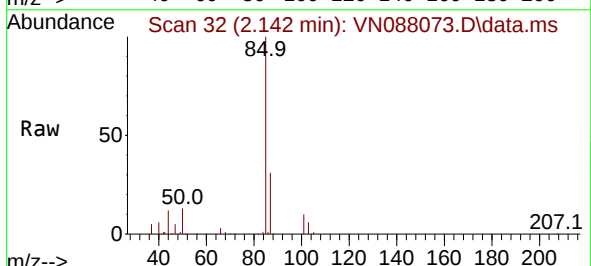
10/21/2025
Supervised By :Semsettin
Yesilyurt

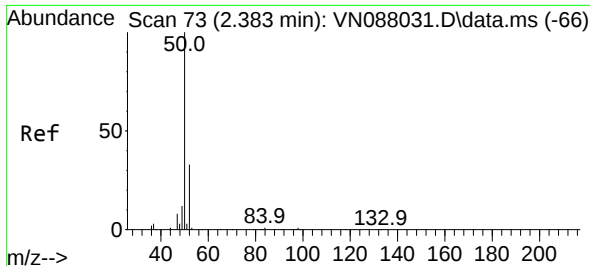
10/21/2025



#2
Dichlorodifluoromethane
Concen: 21.767 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

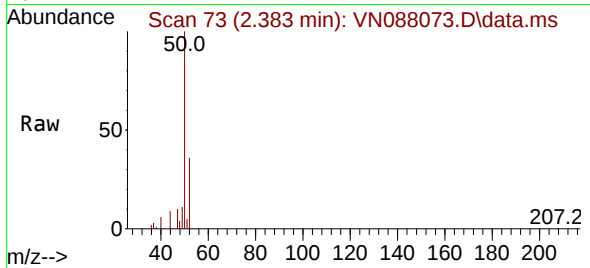
Tgt Ion: 85 Resp: 77653
Ion Ratio Lower Upper
85 100
87 31.0 17.9 53.8





#3
Chloromethane
Concen: 18.986 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



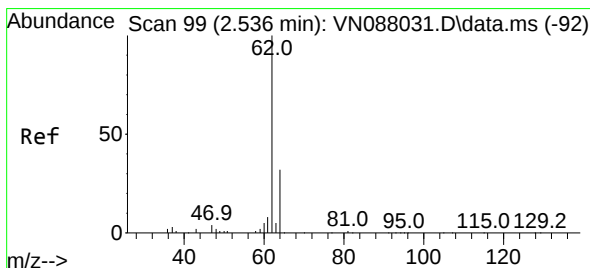
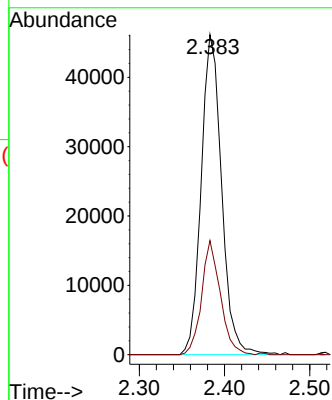
Tgt Ion: 50 Resp: 76792
Ion Ratio Lower Upper
50 100
52 35.7 26.3 39.5

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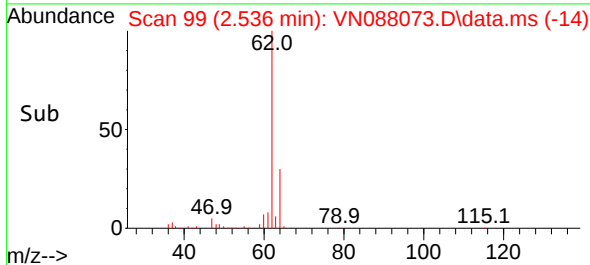
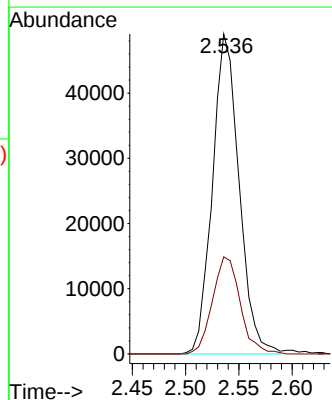
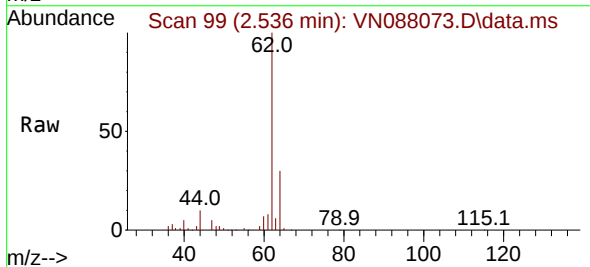
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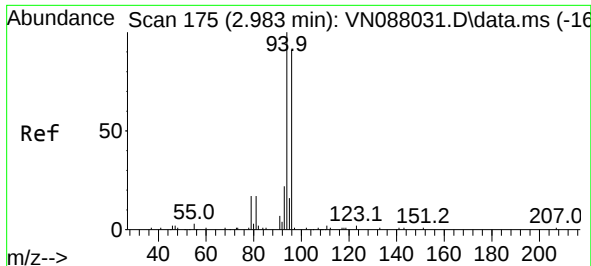
10/21/2025



#4
Vinyl Chloride
Concen: 20.217 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

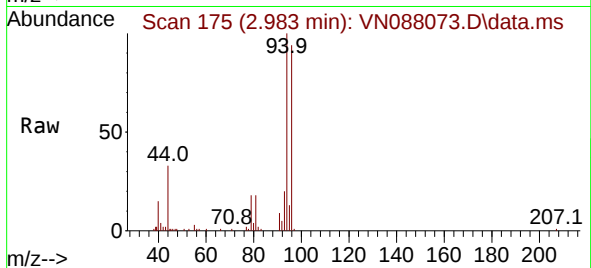
Tgt Ion: 62 Resp: 85262
Ion Ratio Lower Upper
62 100
64 30.3 25.7 38.5





#5
Bromomethane
Concen: 22.434 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



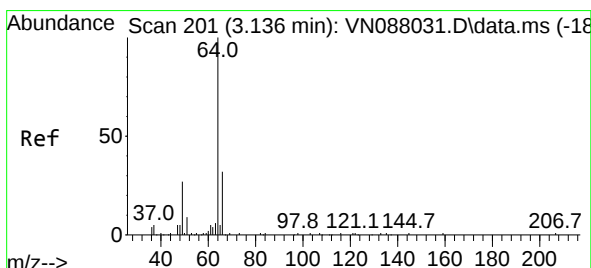
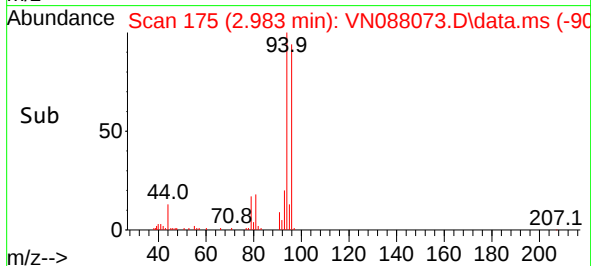
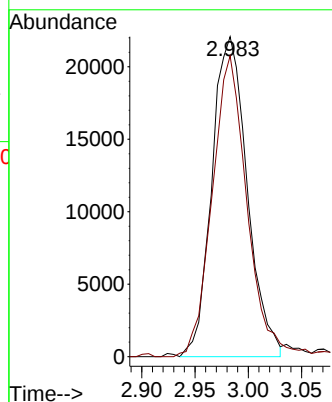
Tgt Ion: 94 Resp: 50875
Ion Ratio Lower Upper
94 100
96 92.9 73.0 109.4

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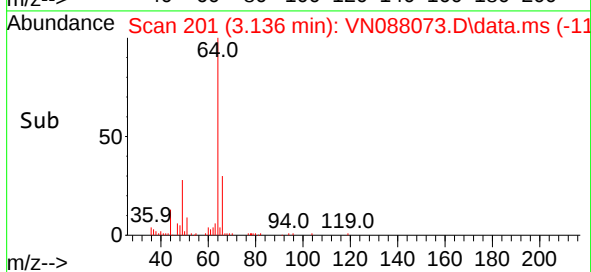
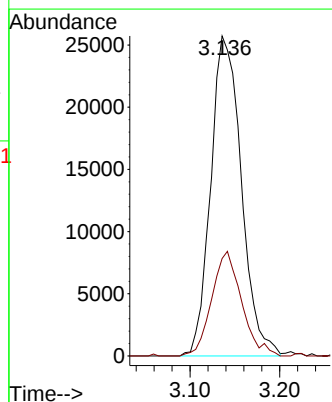
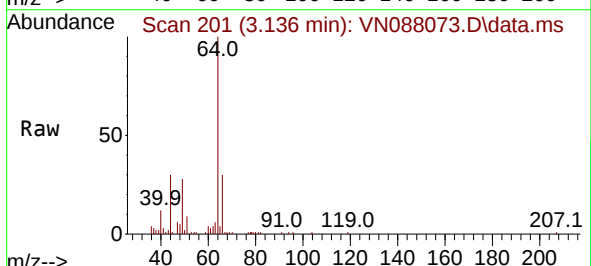
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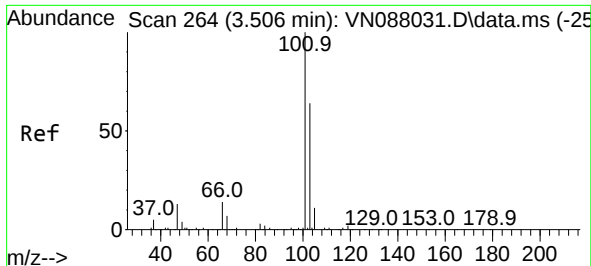
10/21/2025



#6
Chloroethane
Concen: 21.923 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Tgt Ion: 64 Resp: 60988
Ion Ratio Lower Upper
64 100
66 30.5 26.8 40.2





#7
 Trichlorofluoromethane
 Concen: 22.705 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.006 min
 Lab File: VN088073.D
 Acq: 20 Oct 2025 09:26

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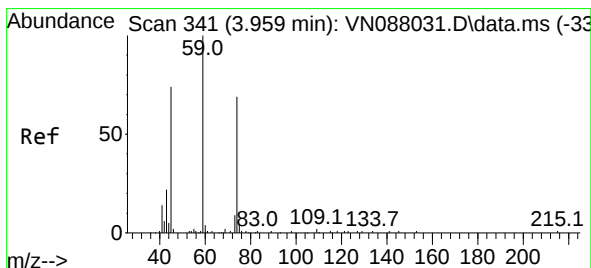
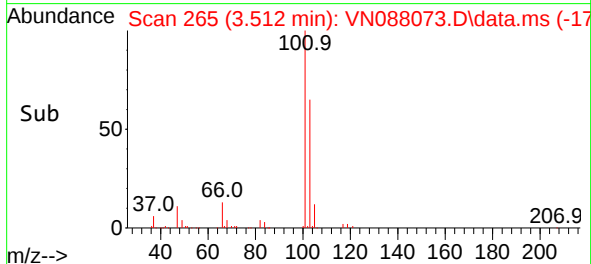
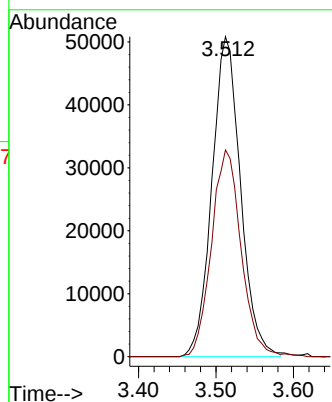
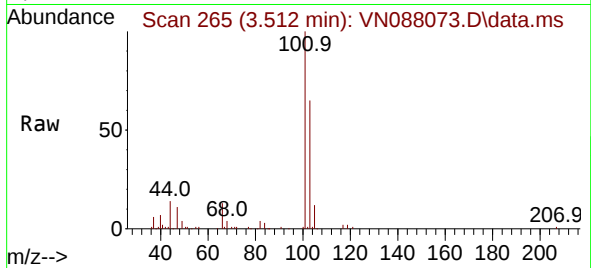
Tgt Ion:101 Resp: 13021
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.0 76.4

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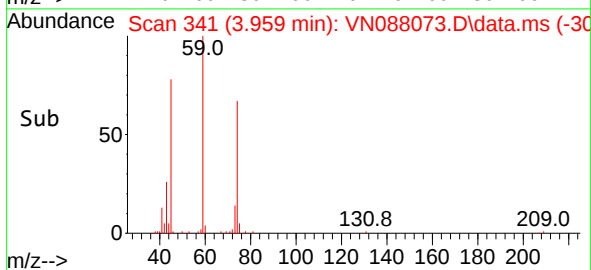
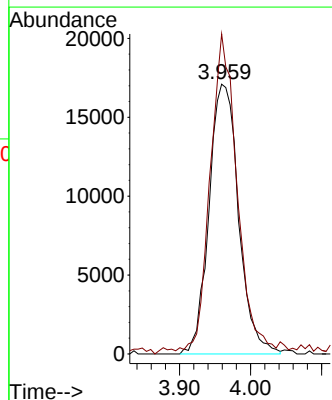
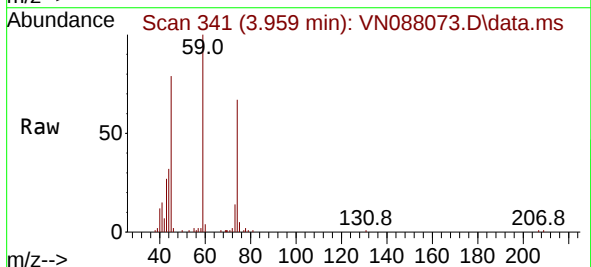
10/21/2025
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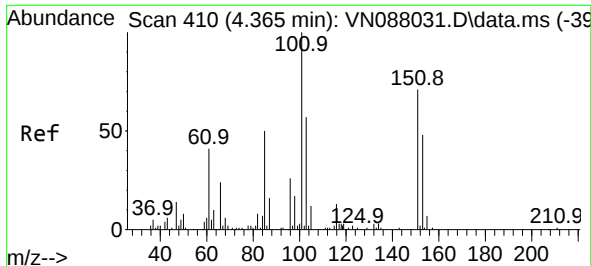
10/21/2025



#8
 Diethyl Ether
 Concen: 19.061 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN088073.D
 Acq: 20 Oct 2025 09:26

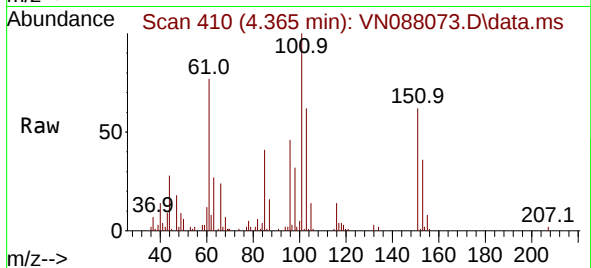
Tgt Ion: 74 Resp: 49392
 Ion Ratio Lower Upper
 74 100
 45 105.2 20.4 183.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.006 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

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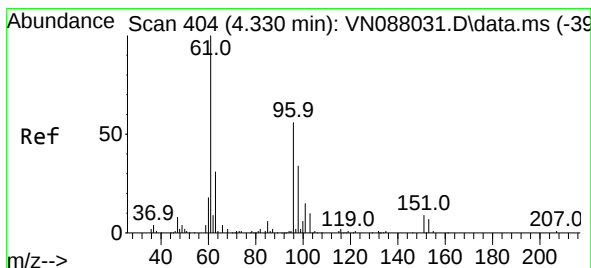
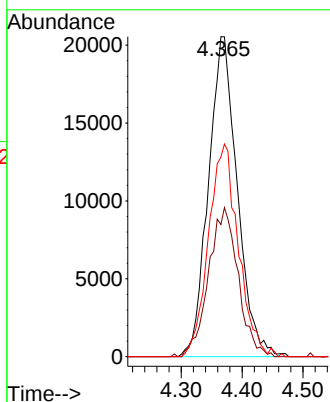
Tgt Ion: 101 Resp: 6755
Ion Ratio Lower Upper
101 100
85 47.6 0.0 103.2
151 68.3 0.0 141.4

Manual Integrations
APPROVED

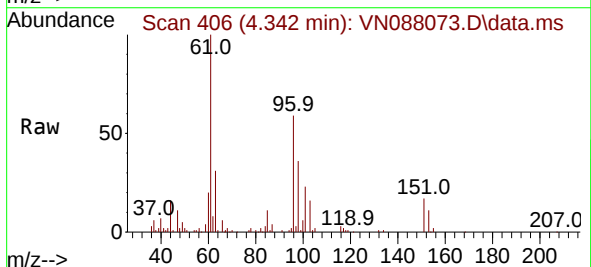
Reviewed By :John
Carlone

10/21/2025
Supervised By :Semsettin
Yesilyurt

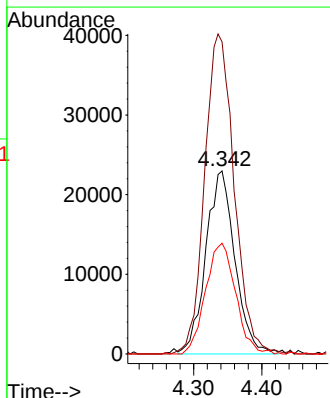
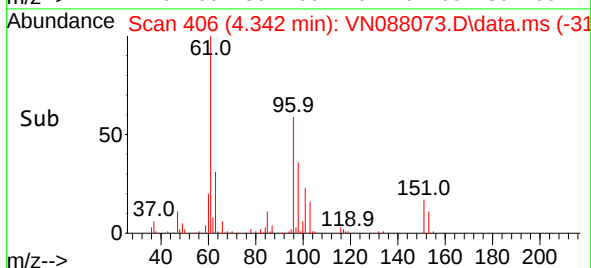
10/21/2025

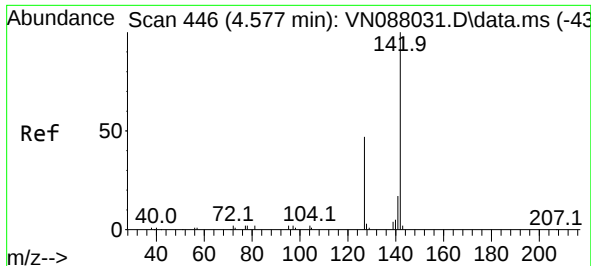


#10
1,1-Dichloroethene
Concen: 20.804 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26



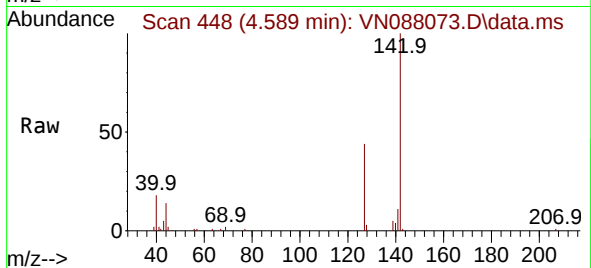
Tgt Ion: 96 Resp: 68131
Ion Ratio Lower Upper
96 100
61 170.8 144.1 216.1
98 61.2 49.0 73.6





#11
Methyl Iodide
Concen: 17.434 ug/l
RT: 4.589 min Scan# 446
Delta R.T. 0.012 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



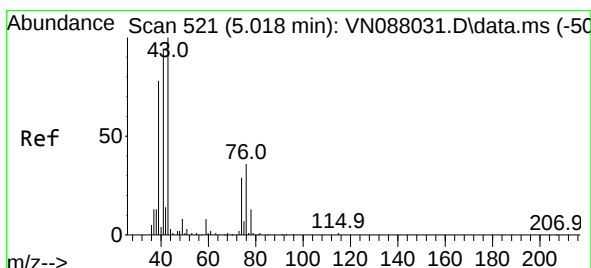
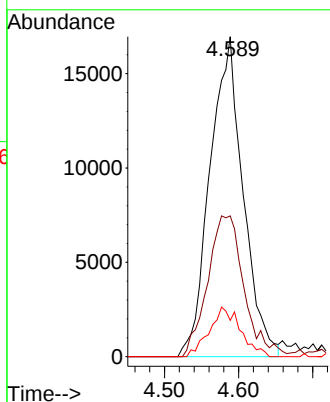
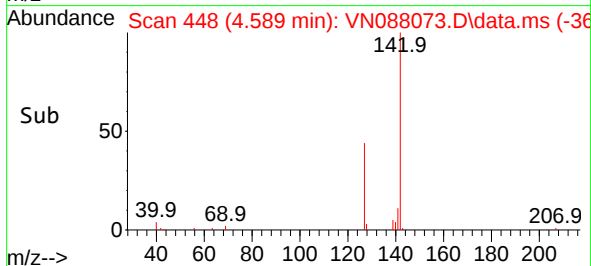
Tgt Ion:142 Resp: 52620
Ion Ratio Lower Upper
142 100
127 43.4 23.4 70.3
141 11.6 8.8 26.2

Manual Integrations
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Reviewed By :John
Carlone

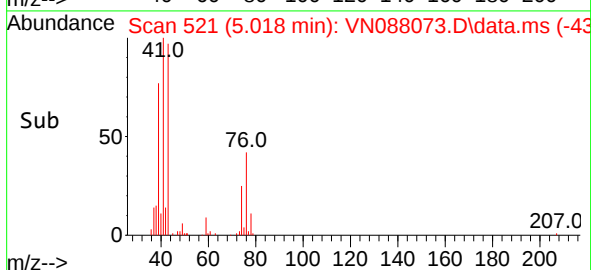
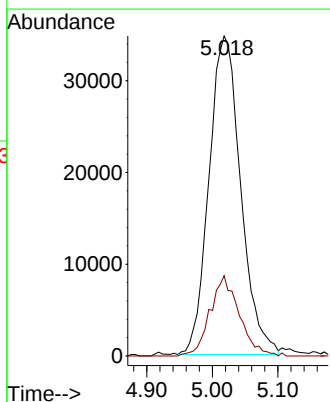
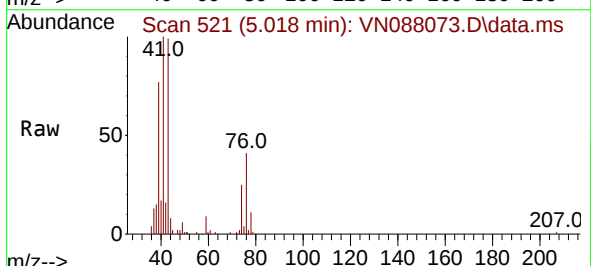
10/21/2025
Supervised By :Semsettin
Yesilyurt

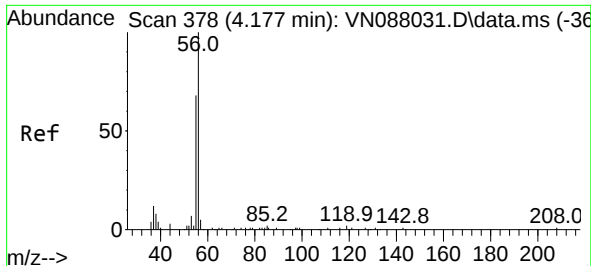
10/21/2025



#12
Methyl Acetate
Concen: 21.905 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

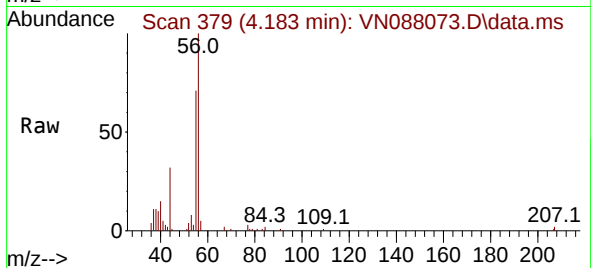
Tgt Ion: 43 Resp: 116619
Ion Ratio Lower Upper
43 100
74 25.4 23.3 34.9





#13
Acrolein
Concen: 71.986 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



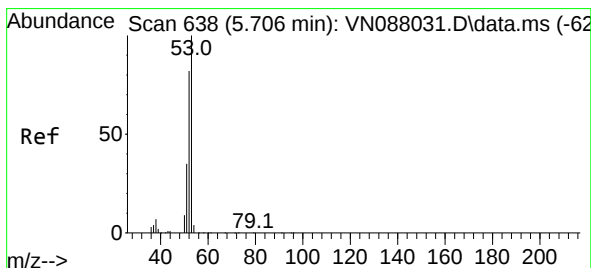
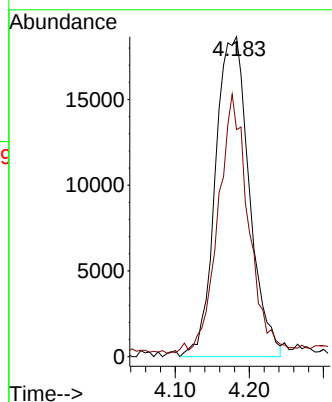
Tgt Ion: 56 Resp: 59308
Ion Ratio Lower Upper
56 100
55 73.0 0.3 0.5

Manual Integrations
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Reviewed By :John
Carlone

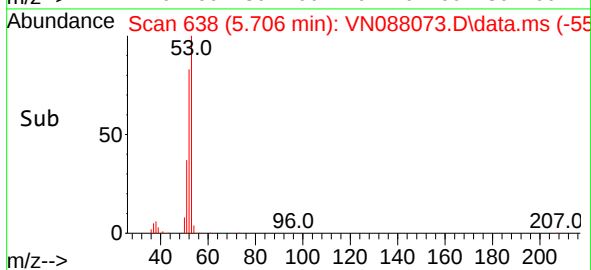
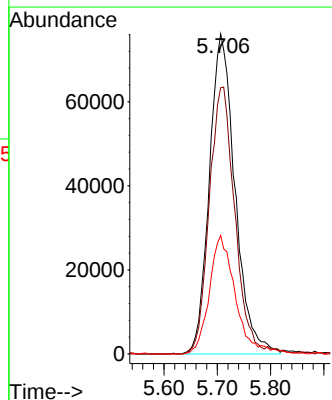
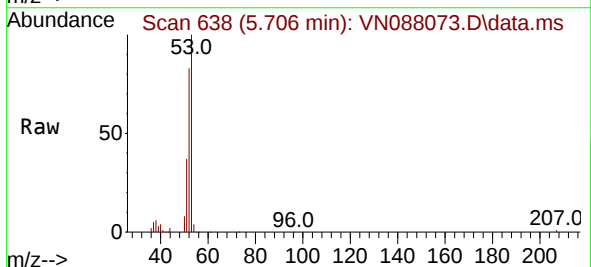
10/21/2025
Supervised By :Semsettin
Yesilyurt

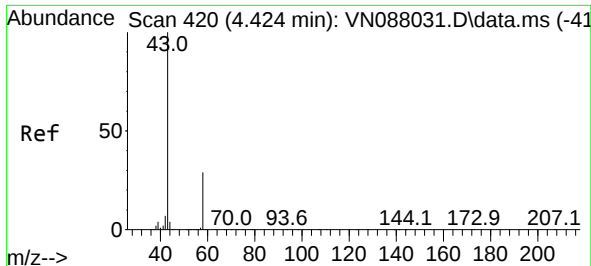
10/21/2025



#14
Acrylonitrile
Concen: 99.104 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Tgt Ion: 53 Resp: 254622
Ion Ratio Lower Upper
53 100
52 82.4 41.3 124.1
51 36.1 18.0 54.0





#15

Acetone

Concen: 90.045 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN088073.D

Acq: 20 Oct 2025 09:26

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS01

Tgt Ion: 58 Resp: 6775

Ion Ratio Lower Upper

58 100

43 325.0 282.6 424.0

Manual Integrations

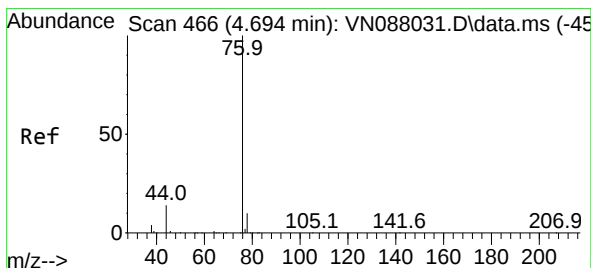
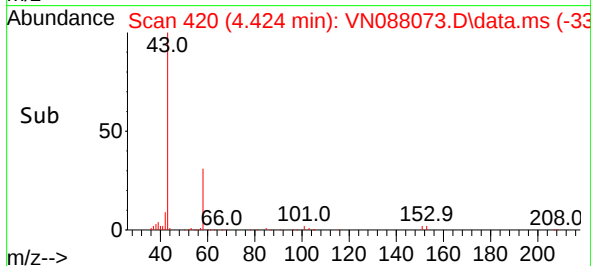
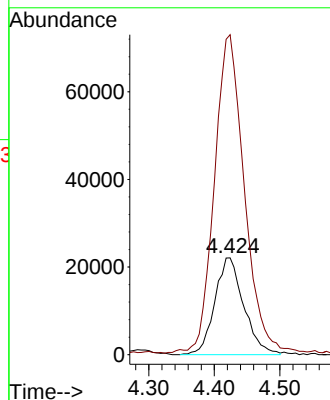
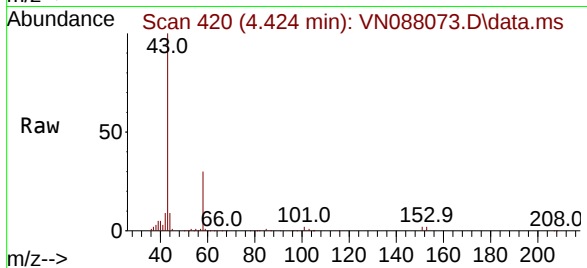
APPROVED

Reviewed By :John
Carlone

10/21/2025

Supervised By :Semsettin
Yesilyurt

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#16

Carbon Disulfide

Concen: 19.743 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.012 min

Lab File: VN088073.D

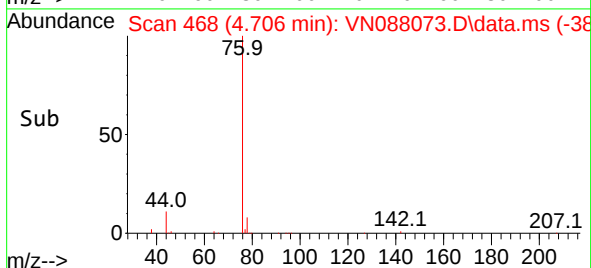
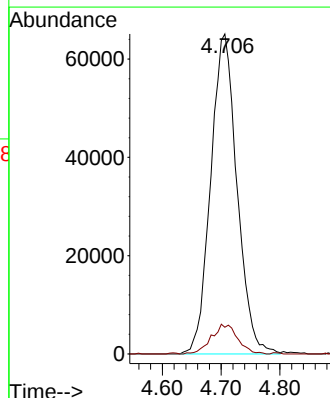
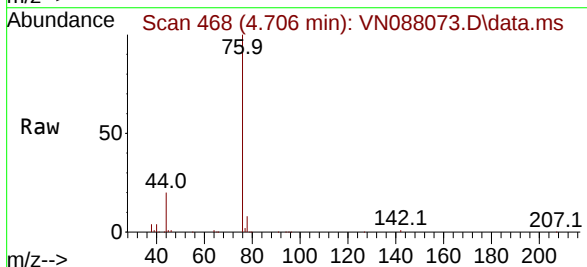
Acq: 20 Oct 2025 09:26

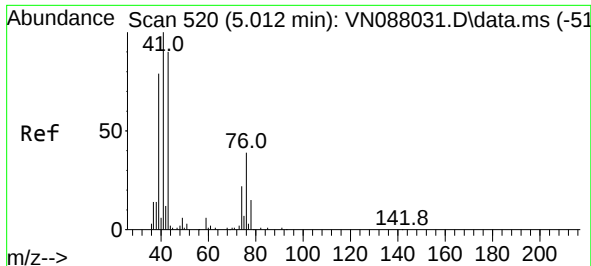
Tgt Ion: 76 Resp: 202681

Ion Ratio Lower Upper

76 100

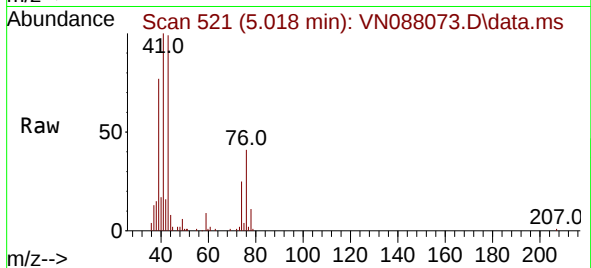
78 8.3 7.8 11.8





#17
 Allyl chloride
 Concen: 19.113 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN088073.D
 Acq: 20 Oct 2025 09:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS01



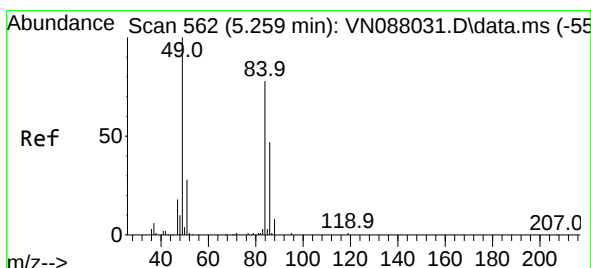
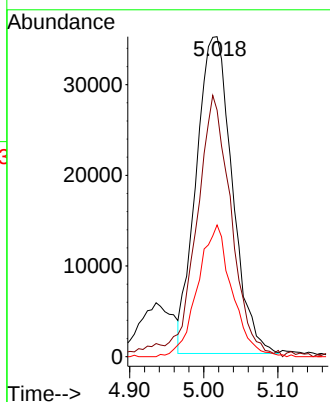
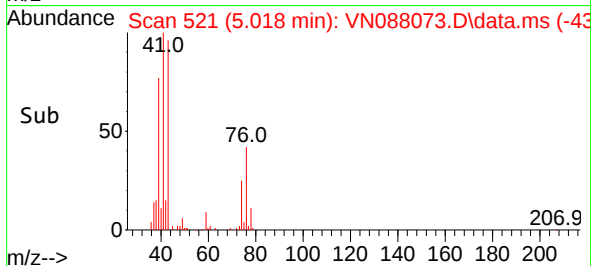
Tgt Ion: 41 Resp: 11811
 Ion Ratio Lower Upper
 41 100
 39 76.0 36.4 109.2
 76 41.2 18.1 54.1

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Reviewed By :John
 Carlone

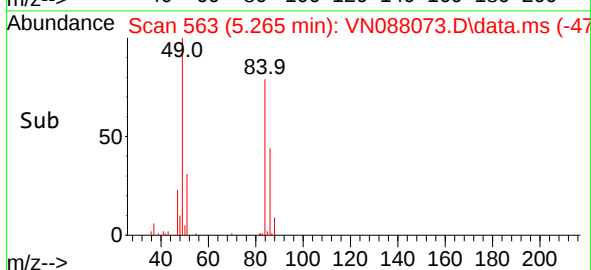
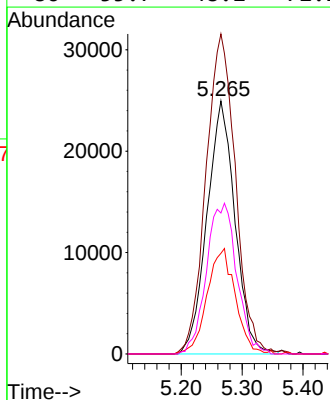
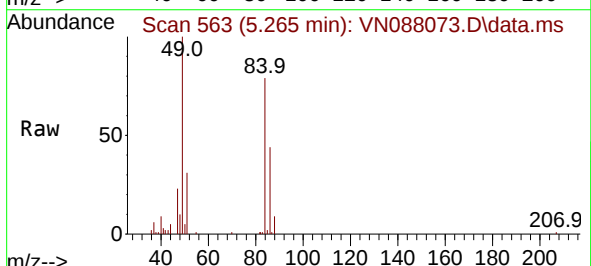
10/21/2025
 Supervised By :Semsettin
 Yesilyurt

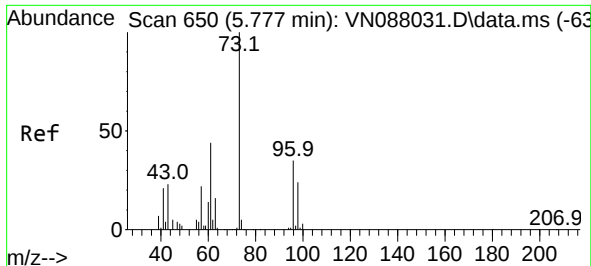
10/21/2025



#18
 Methylene Chloride
 Concen: 19.171 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: VN088073.D
 Acq: 20 Oct 2025 09:26

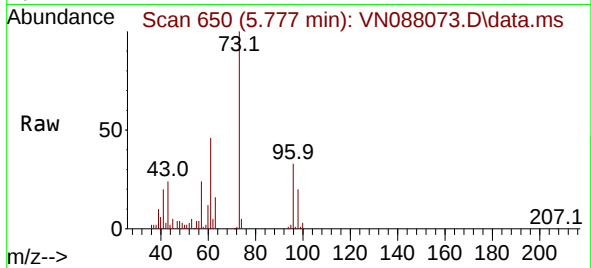
Tgt Ion: 84 Resp: 79795
 Ion Ratio Lower Upper
 84 100
 49 125.8 102.6 153.8
 51 39.8 28.6 42.8
 86 55.7 48.2 72.2





#19
trans-1,2-Dichloroethene
Concen: 19.687 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



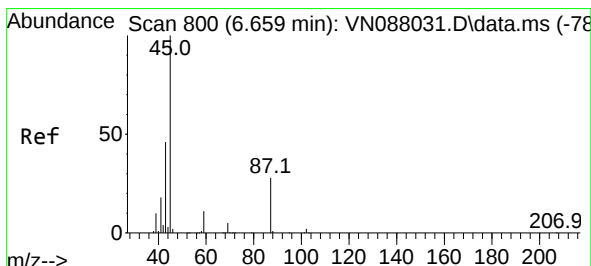
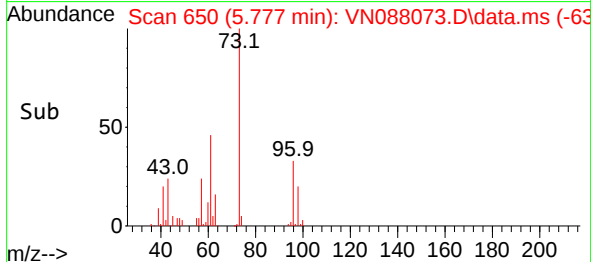
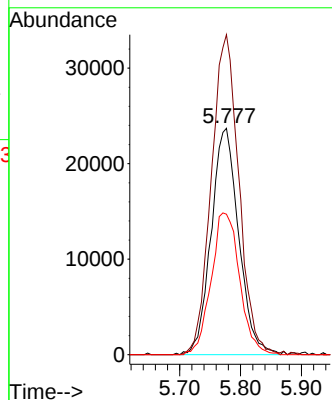
Tgt Ion: 96 Resp: 7454
Ion Ratio Lower Upper
96 100
61 141.3 100.6 151.0
98 62.0 54.0 81.0

Manual Integrations
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Reviewed By :John
Carlone

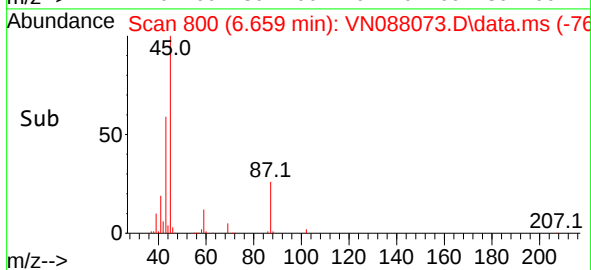
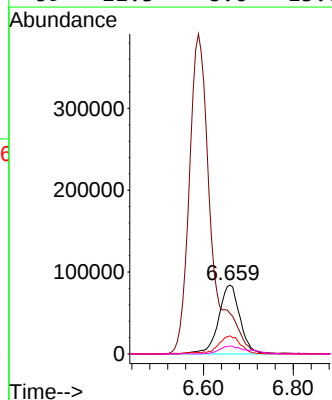
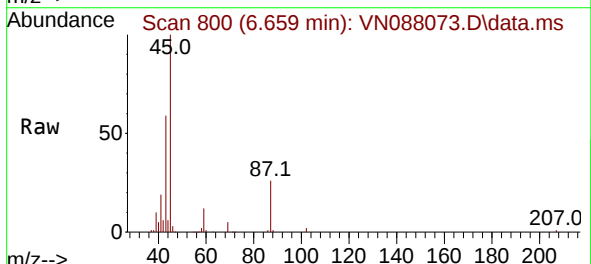
10/21/2025
Supervised By :Semsettin
Yesilyurt

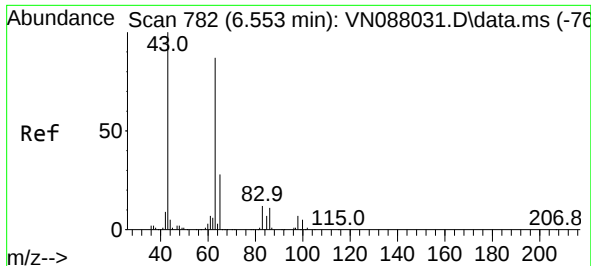
10/21/2025



#20
Diisopropyl ether
Concen: 19.851 ug/l
RT: 6.659 min Scan# 800
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

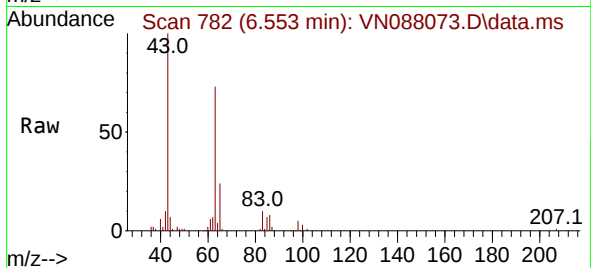
Tgt Ion: 45 Resp: 279278
Ion Ratio Lower Upper
45 100
43 57.5 46.1 69.1
87 26.3 22.3 33.5
59 11.3 8.6 13.0





#21
1,1-Dichloroethane
Concen: 20.152 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



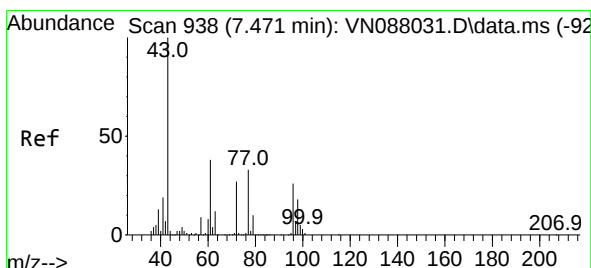
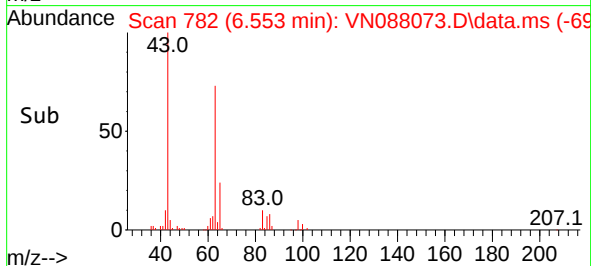
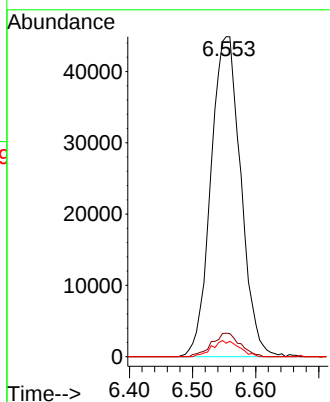
Tgt Ion: 63 Resp: 14759
Ion Ratio Lower Upper
63 100
98 7.4 4.3 12.8
100 4.2 2.6 8.0

Manual Integrations
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Reviewed By :John
Carlone

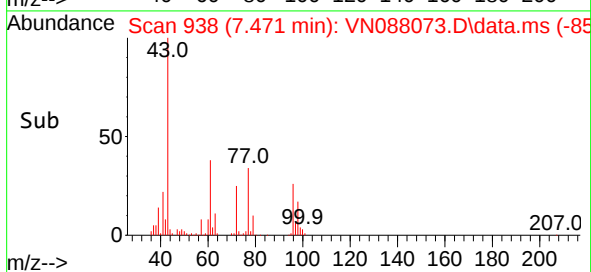
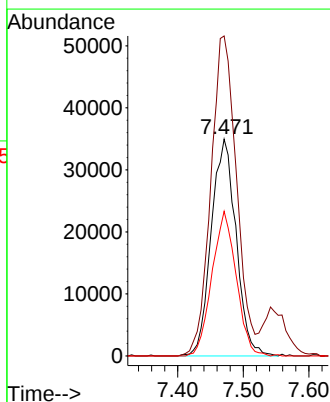
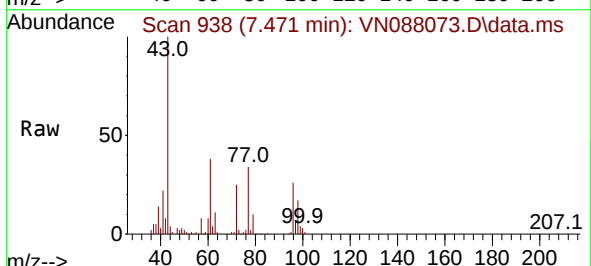
10/21/2025
Supervised By :Semsettin
Yesilyurt

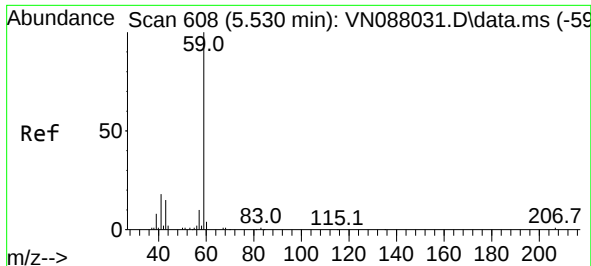
10/21/2025



#22
cis-1,2-Dichloroethene
Concen: 19.387 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

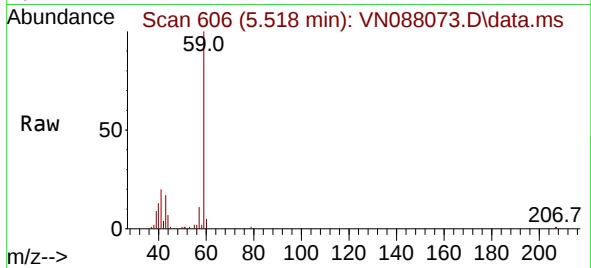
Tgt Ion: 96 Resp: 91891
Ion Ratio Lower Upper
96 100
61 152.5 117.0 175.6
98 65.1 52.6 79.0





#23
tert-Butyl Alcohol
Concen: 92.904 ug/l
RT: 5.518 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



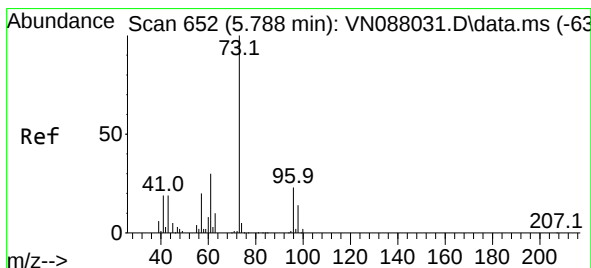
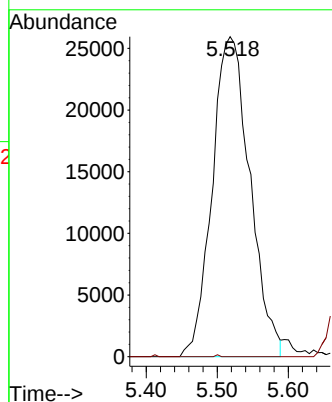
Tgt Ion: 59 Resp: 9573
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

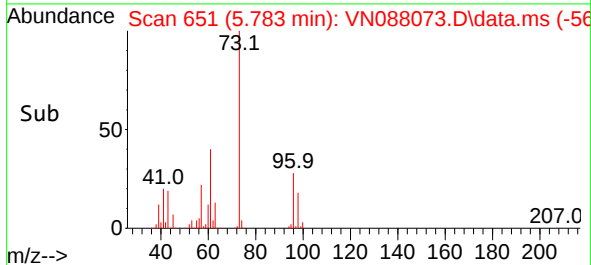
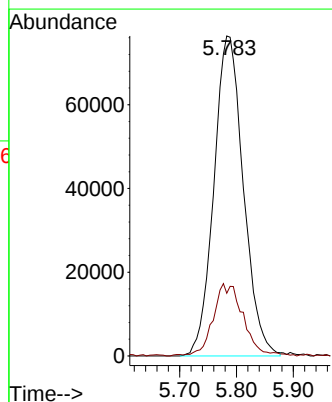
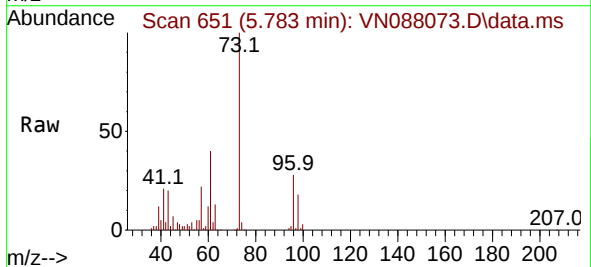
10/21/2025
Supervised By :Semsettin
Yesilyurt

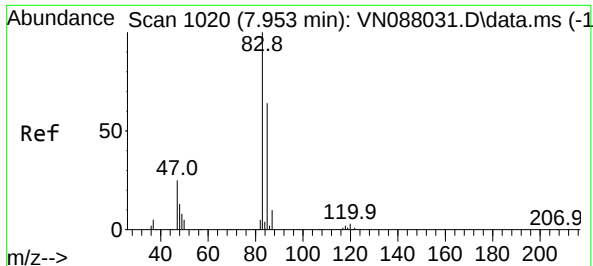
10/21/2025



#24
Methyl tert-Butyl Ether
Concen: 19.494 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Tgt Ion: 73 Resp: 275566
Ion Ratio Lower Upper
73 100
43 10.7 17.0 25.4#





#25

Chloroform

Concen: 19.921 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN088073.D

Acq: 20 Oct 2025 09:26

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS01

Tgt Ion: 83 Resp: 15055

Ion Ratio Lower Upper

83 100

85 61.3 50.9 76.3

Manual Integrations

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Reviewed By :John

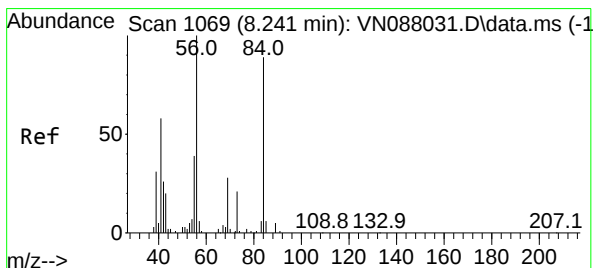
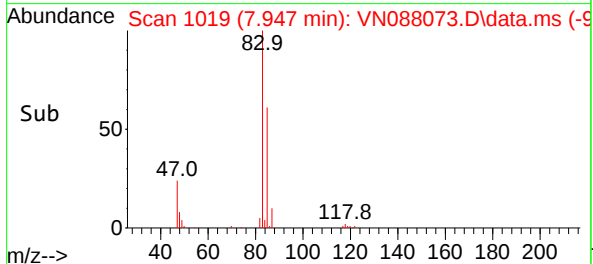
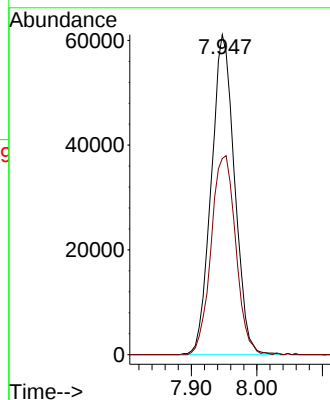
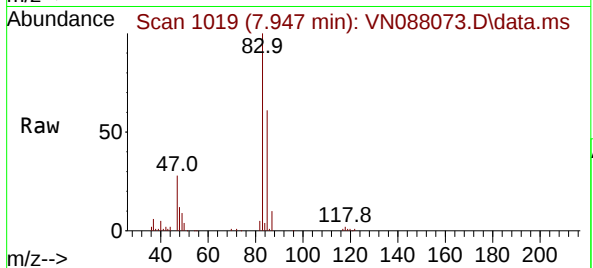
Carlone

10/21/2025

Supervised By :Semsettin

Yesilyurt

10/21/2025



#26

Cyclohexane

Concen: 20.729 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VN088073.D

Acq: 20 Oct 2025 09:26

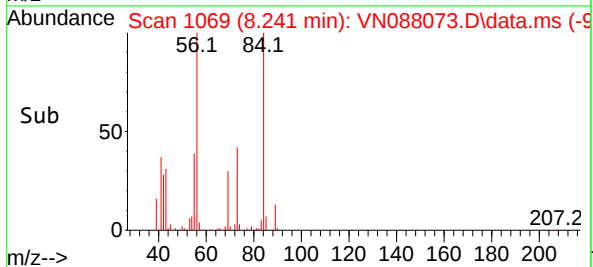
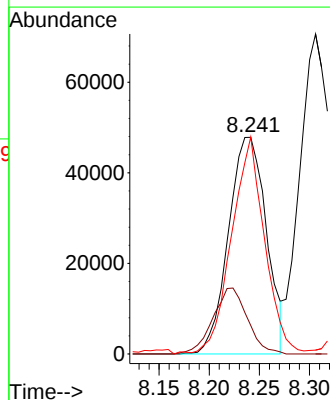
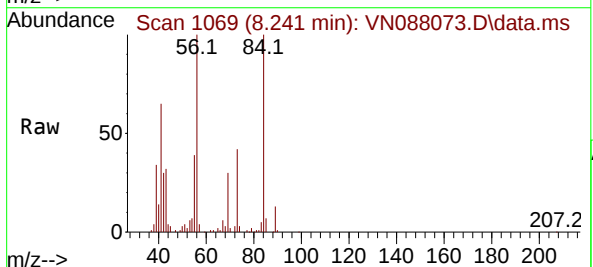
Tgt Ion: 56 Resp: 125784

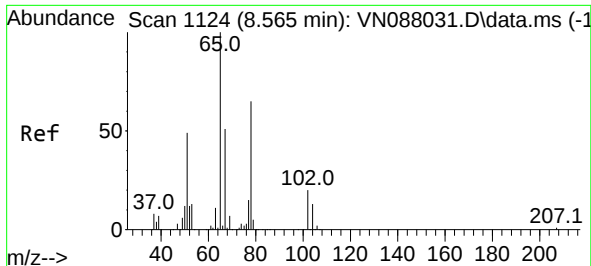
Ion Ratio Lower Upper

56 100

89 27.6 8.6 12.8#

84 87.0 69.6 104.4





#27

1,2-Dichloroethane-d4

Concen: 32.296 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN088073.D

Acq: 20 Oct 2025 09:26

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS01

Tgt Ion: 65 Resp: 15663

Ion Ratio Lower Upper

65 100

67 52.0 41.9 62.9

Manual Integrations

APPROVED

Reviewed By :John

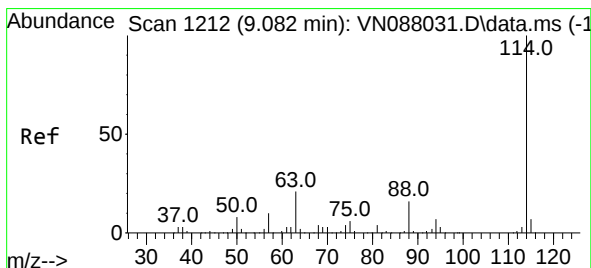
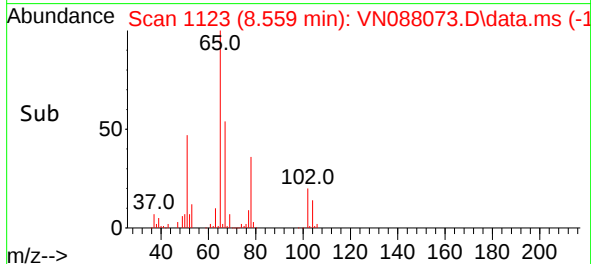
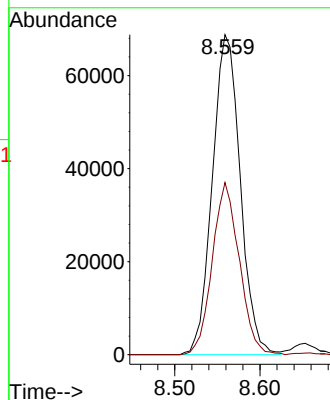
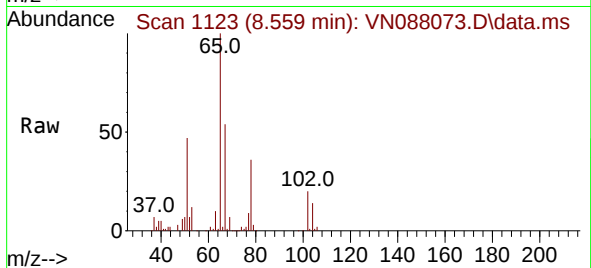
Carlone

10/21/2025

Supervised By :Semsettin

Yesilyurt

10/21/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088073.D

Acq: 20 Oct 2025 09:26

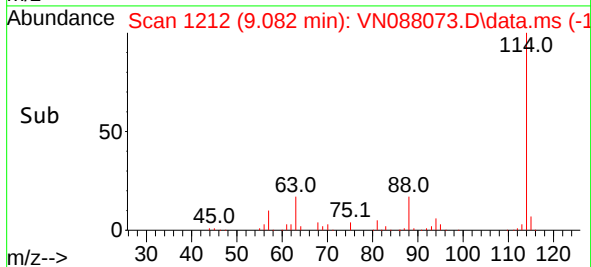
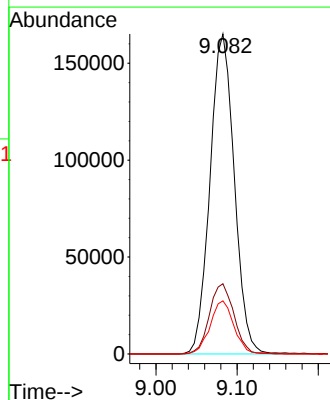
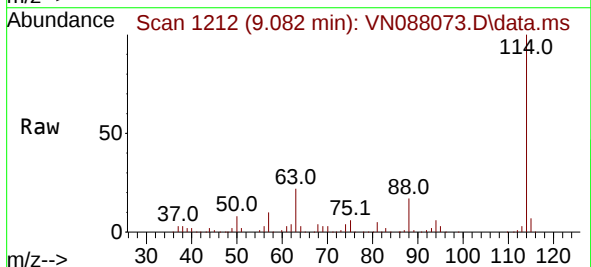
Tgt Ion:114 Resp: 343376

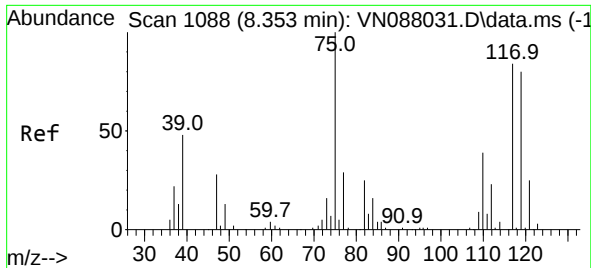
Ion Ratio Lower Upper

114 100

63 22.0 16.6 25.0

88 16.2 12.6 18.8





#29
1,1-Dichloropropene
Concen: 21.254 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01

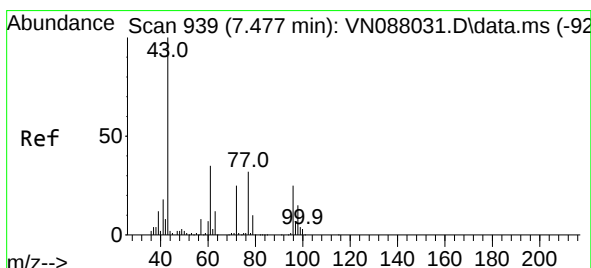
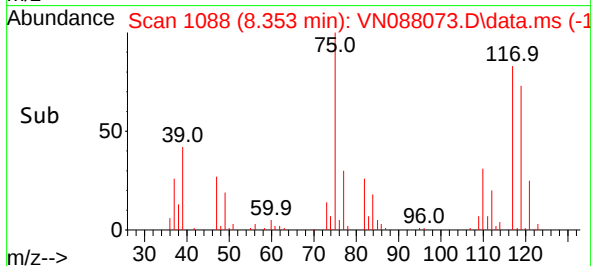
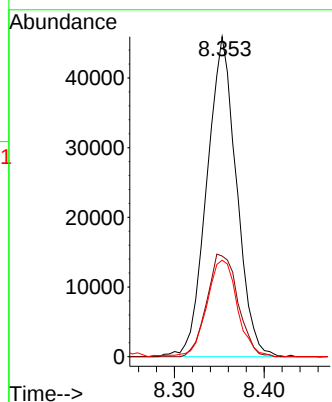
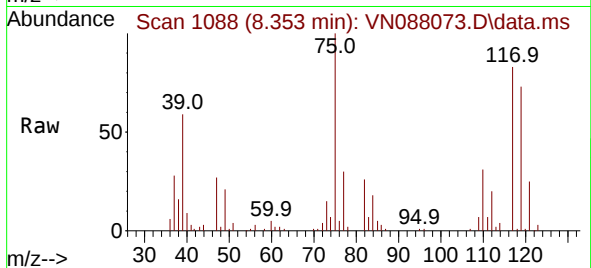
Tgt Ion: 75 Resp: 10461
Ion Ratio Lower Upper
75 100
110 33.6 0.0 72.2
77 31.4 0.0 60.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

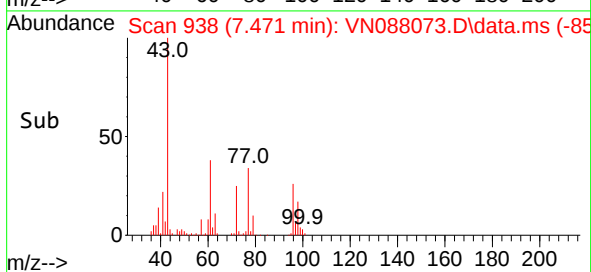
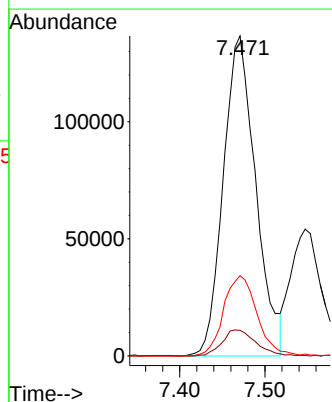
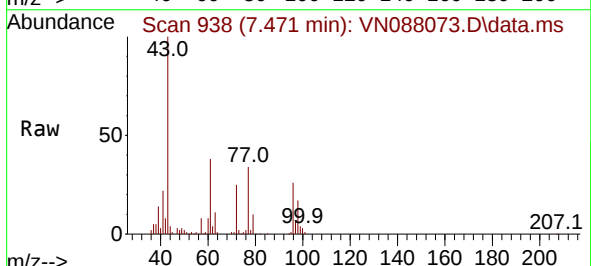
10/21/2025
Supervised By :Semsettin
Yesilyurt

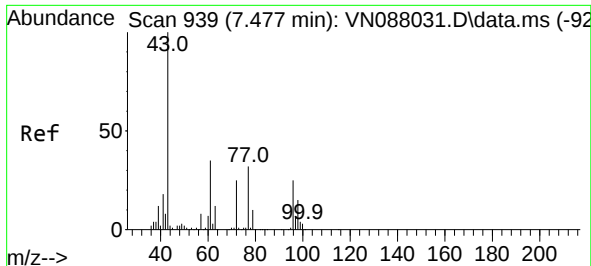
10/21/2025



#30
2-Butanone
Concen: 99.803 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

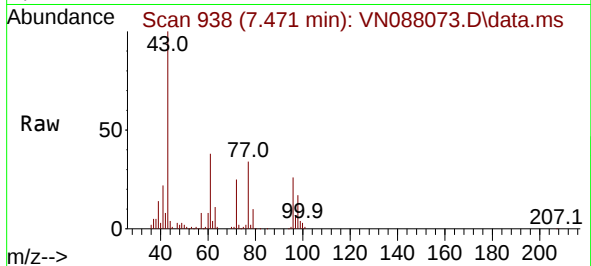
Tgt Ion: 43 Resp: 362293
Ion Ratio Lower Upper
43 100
57 8.5 6.5 9.7
72 25.8 21.4 32.2





#31
2,2-Dichloropropane
Concen: 21.150 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



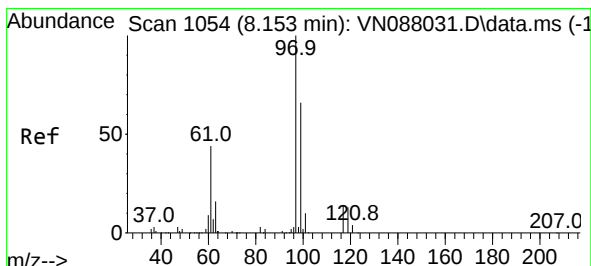
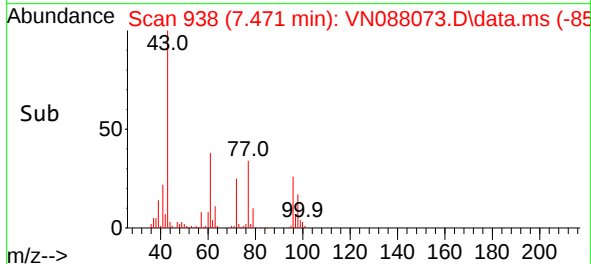
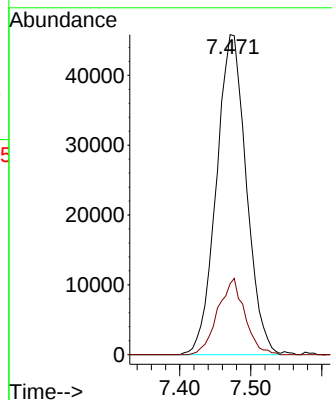
Tgt Ion: 77 Resp: 13413
Ion Ratio Lower Upper
77 100
97 21.5 17.8 26.8

Manual Integrations
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Reviewed By :John
Carlone

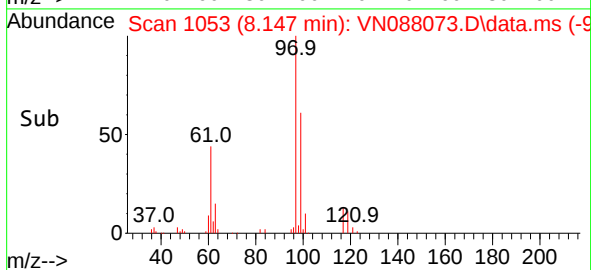
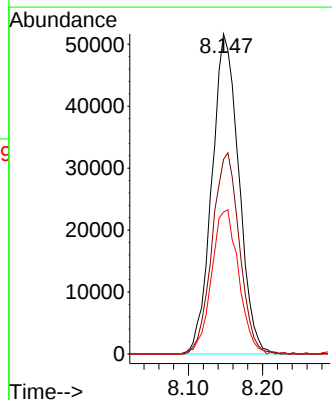
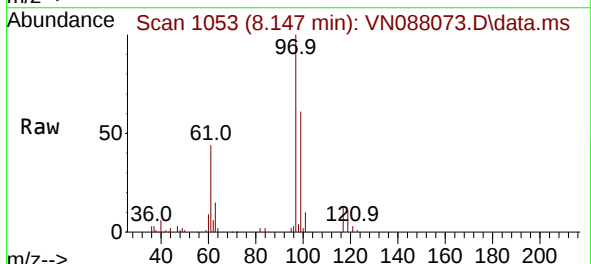
10/21/2025
Supervised By :Semsettin
Yesilyurt

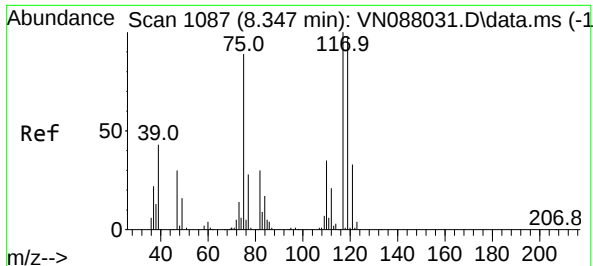
10/21/2025



#32
1,1,1-Trichloroethane
Concen: 21.218 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

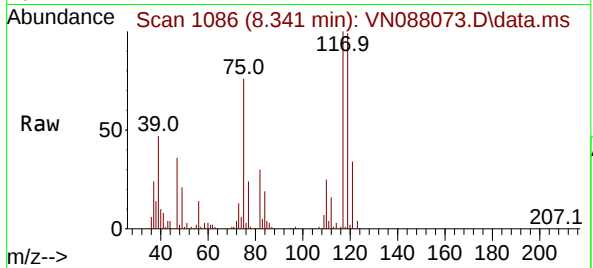
Tgt Ion: 97 Resp: 130492
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.2
61 45.3 34.7 52.1





#33
Carbon Tetrachloride
Concen: 21.513 ug/l
RT: 8.341 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



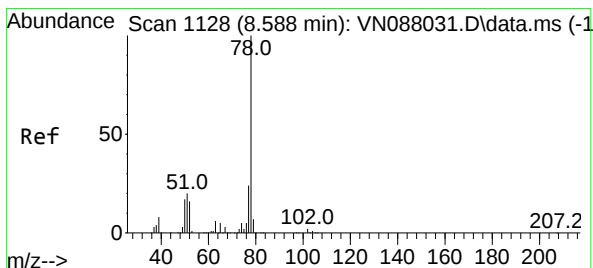
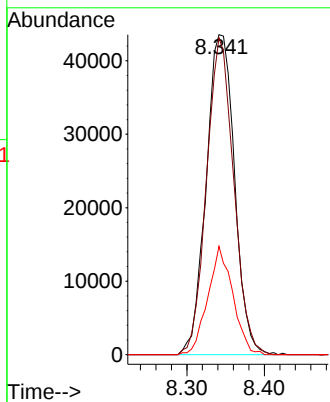
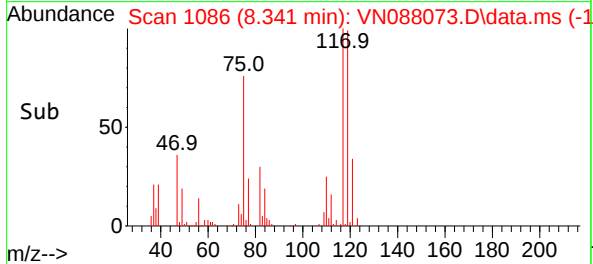
Tgt Ion: 117 Resp: 11082
Ion Ratio Lower Upper
117 100
119 99.0 77.9 116.9
121 33.8 26.4 39.6

Manual Integrations
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Reviewed By :John
Carlone

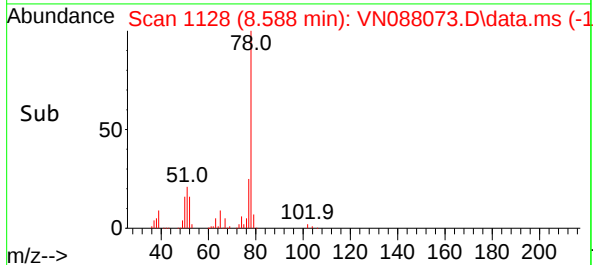
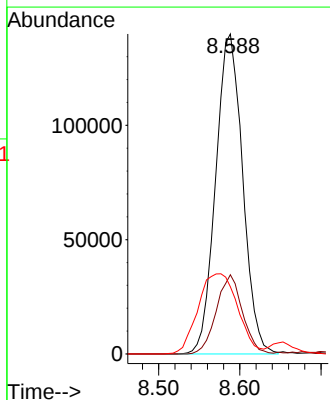
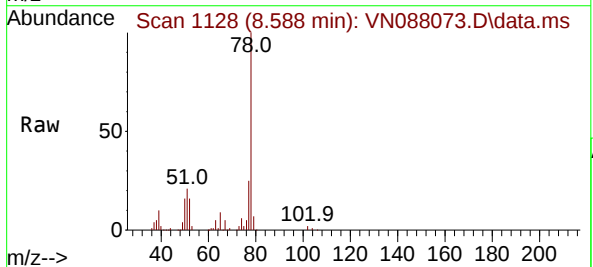
10/21/2025
Supervised By :Semsettin
Yesilyurt

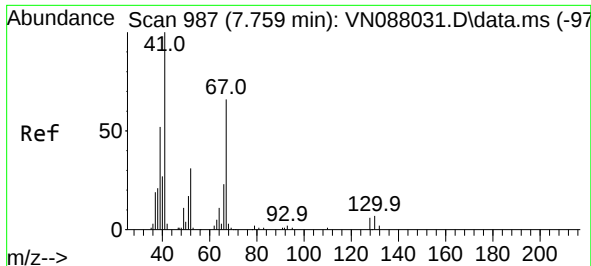
10/21/2025



#34
Benzene
Concen: 19.817 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

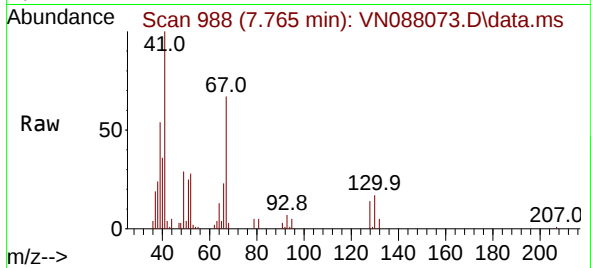
Tgt Ion: 78 Resp: 323530
Ion Ratio Lower Upper
78 100
77 24.7 18.9 28.3
51 20.0 15.6 23.4





#35
Methacrylonitrile
Concen: 20.956 ug/l
RT: 7.765 min Scan# 987
Delta R.T. 0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



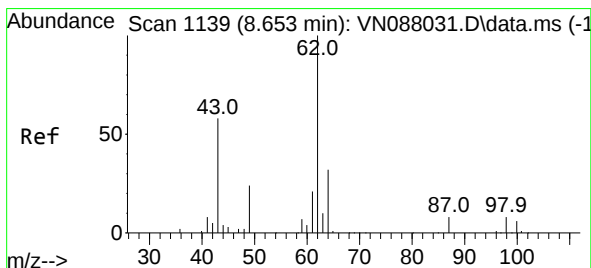
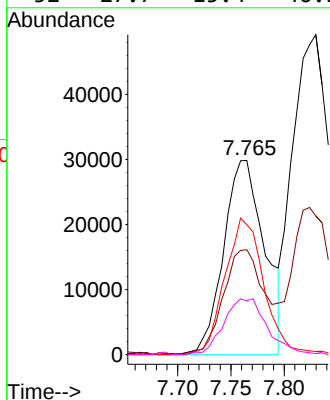
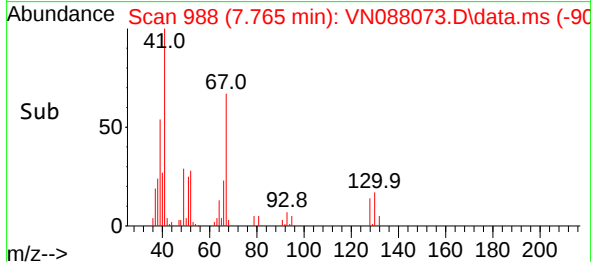
Tgt Ion:	41	Resp:	7999
Ion Ratio	100	Lower	Upper
41	100		
39	53.4	26.1	78.3
67	66.3	33.1	99.2
52	27.7	15.4	46.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

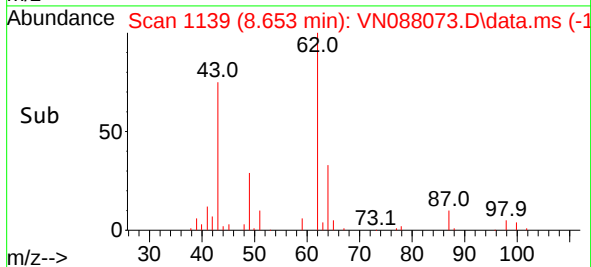
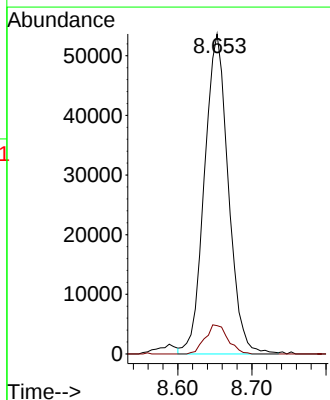
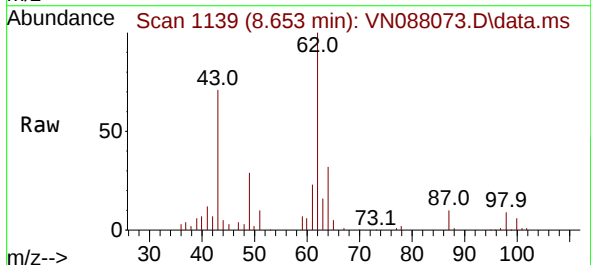
10/21/2025
Supervised By :Semsettin
Yesilyurt

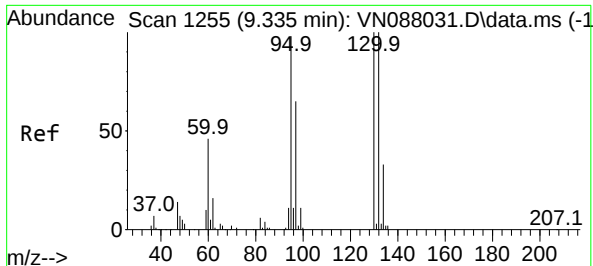
10/21/2025



#36
1,2-Dichloroethane
Concen: 21.218 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Tgt Ion:	62	Resp:	120255
Ion Ratio	100	Lower	Upper
62	100		
98	8.6	7.8	11.6





#37

Trichloroethene

Concen: 19.642 ug/l

RT: 9.329 min Scan# 1255

Delta R.T. -0.006 min

Lab File: VN088073.D

Acq: 20 Oct 2025 09:26

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS01

Tgt Ion:130 Resp: 7597

Ion Ratio Lower Upper

130 100

95 101.0 78.7 118.1

Manual Integrations

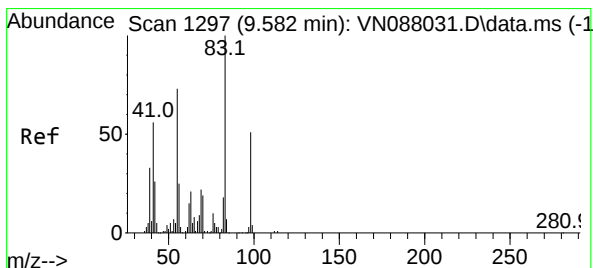
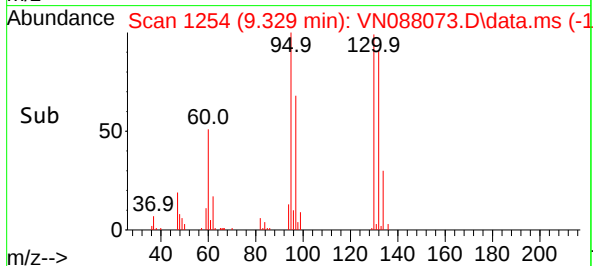
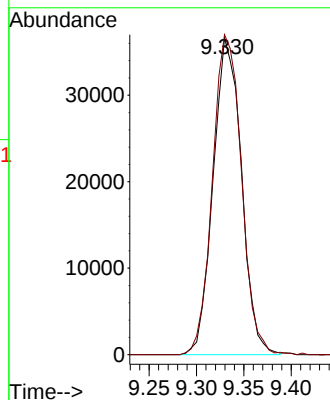
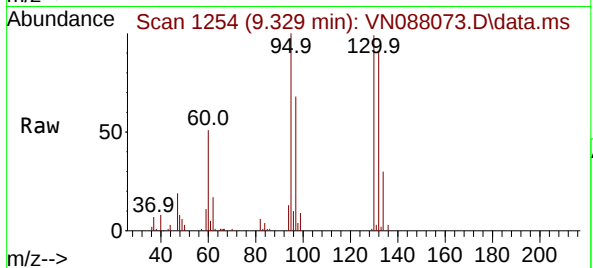
APPROVED

Reviewed By :John
Carlone

10/21/2025

Supervised By :Semsettin
Yesilyurt

10/21/2025



#38

Methylcyclohexane

Concen: 20.752 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN088073.D

Acq: 20 Oct 2025 09:26

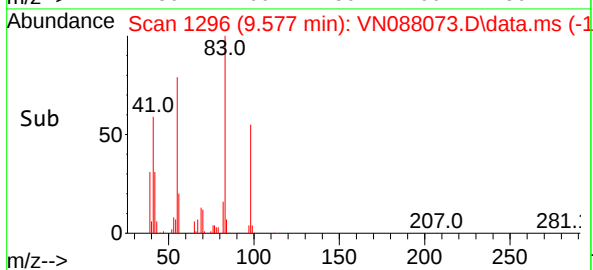
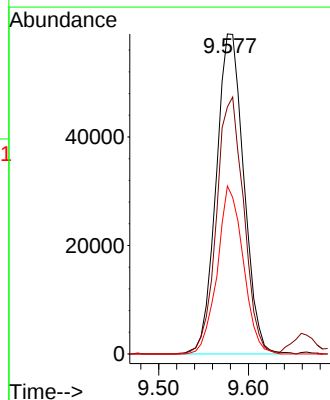
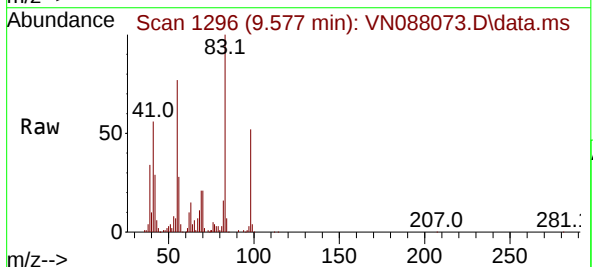
Tgt Ion: 83 Resp: 126136

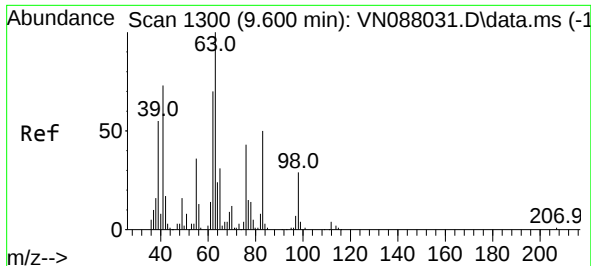
Ion Ratio Lower Upper

83 100

55 79.1 37.3 111.9

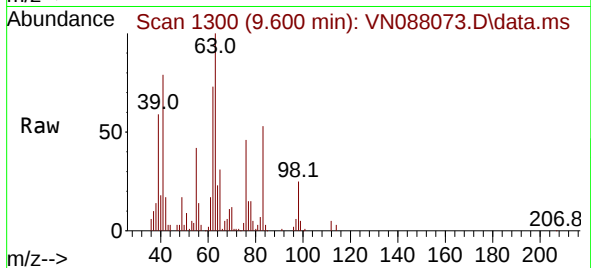
98 49.2 25.4 76.0





#39
1,2-Dichloropropane
Concen: 20.184 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



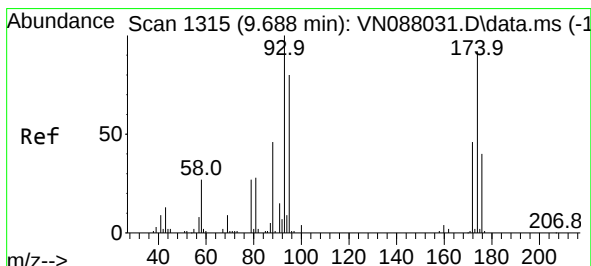
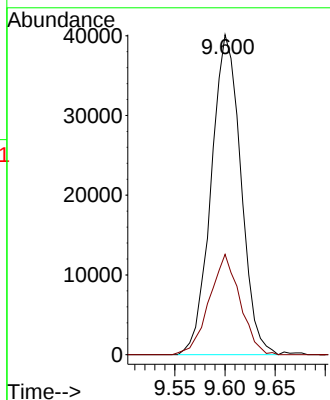
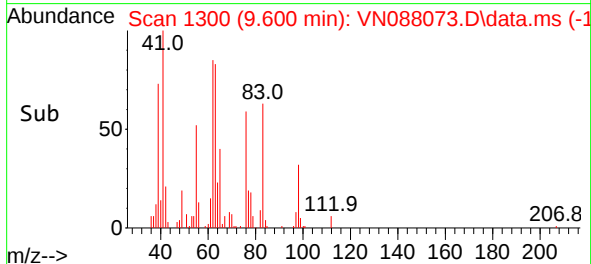
Tgt Ion: 63 Resp: 8262
Ion Ratio Lower Upper
63 100
65 31.3 25.0 37.6

Manual Integrations
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Reviewed By :John
Carlone

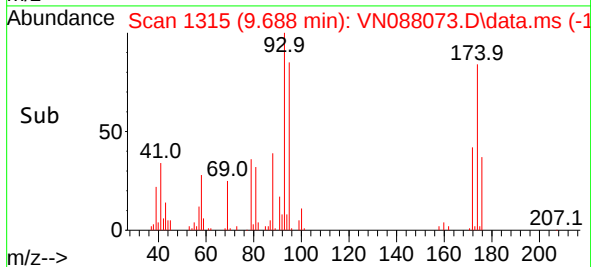
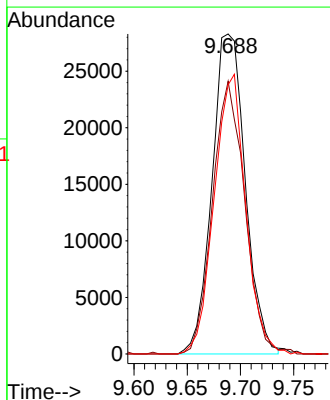
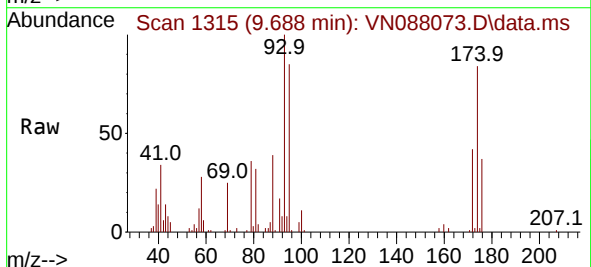
10/21/2025
Supervised By :Semsettin
Yesilyurt

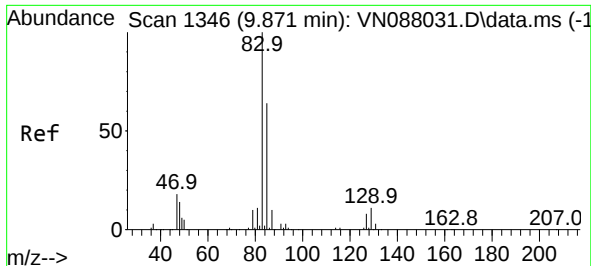
10/21/2025



#40
Dibromomethane
Concen: 20.633 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

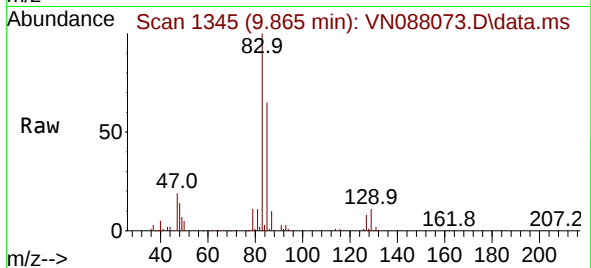
Tgt Ion: 93 Resp: 61481
Ion Ratio Lower Upper
93 100
95 82.0 0.0 158.6
174 82.6 0.0 180.8





#41
Bromodichloromethane
Concen: 20.418 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



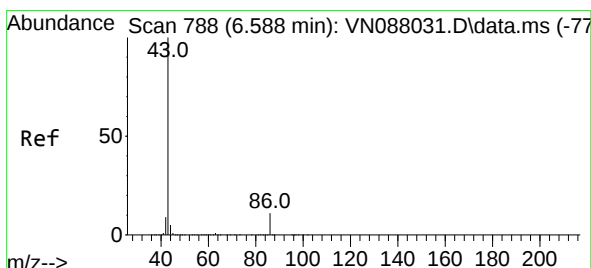
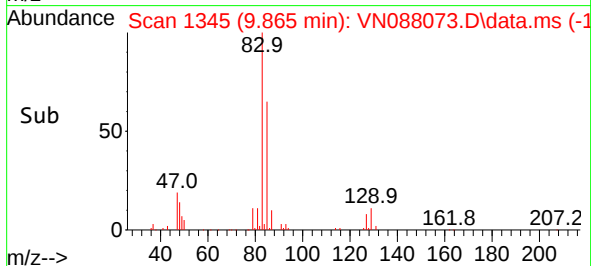
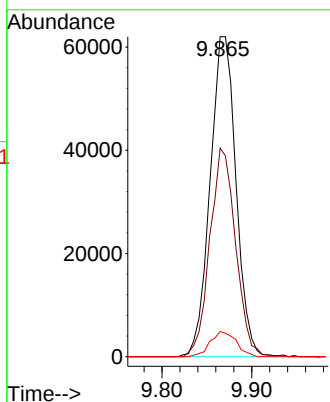
Tgt Ion: 83 Resp: 124250
Ion Ratio Lower Upper
83 100
85 65.1 51.0 76.4
127 7.9 6.1 9.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

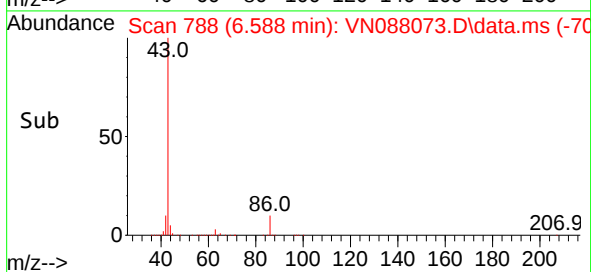
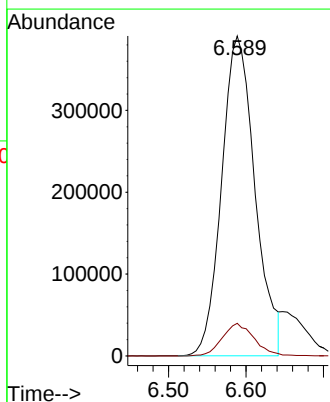
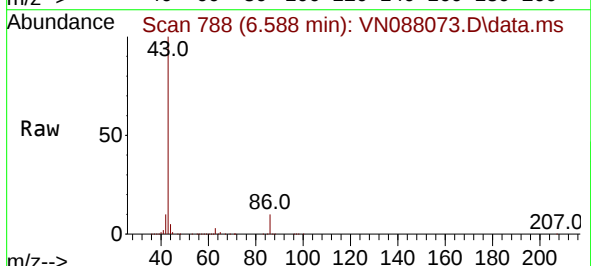
10/21/2025
Supervised By :Semsettin
Yesilyurt

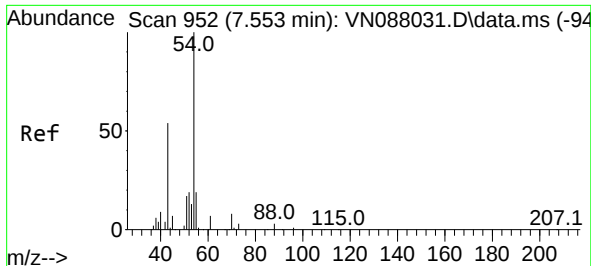
10/21/2025



#42
Vinyl Acetate
Concen: 94.666 ug/l
RT: 6.588 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

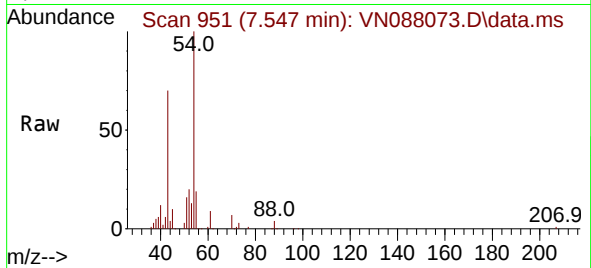
Tgt Ion: 43 Resp: 1170698
Ion Ratio Lower Upper
43 100
86 9.7 8.4 12.6





#43
Ethyl Acetate
Concen: 20.032 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



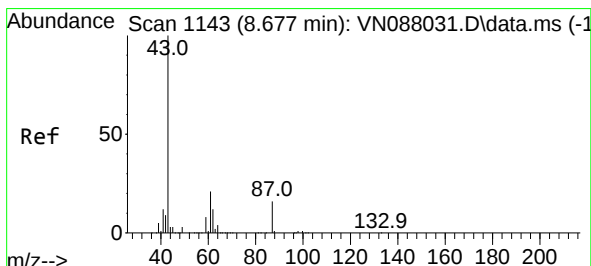
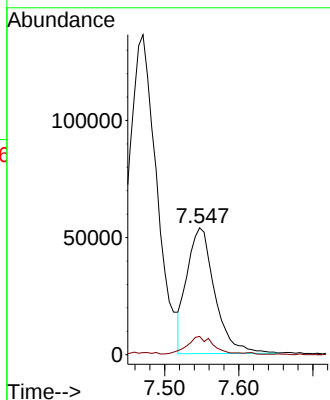
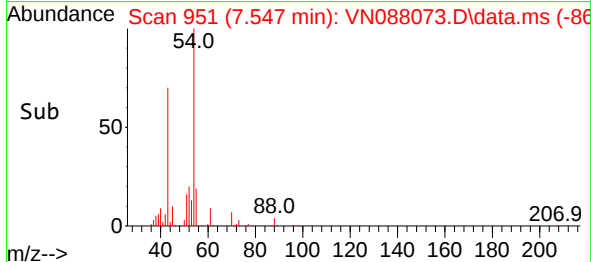
Tgt Ion: 43 Resp: 13978
Ion Ratio Lower Upper
43 100
45 13.7 10.2 15.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

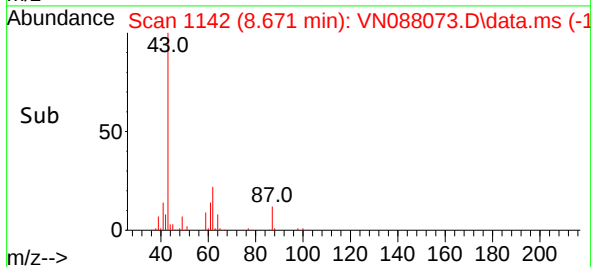
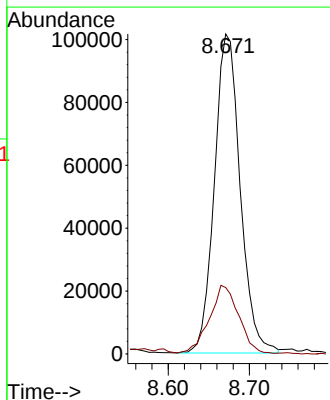
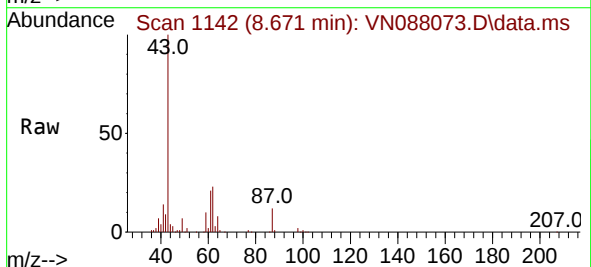
10/21/2025
Supervised By :Semsettin
Yesilyurt

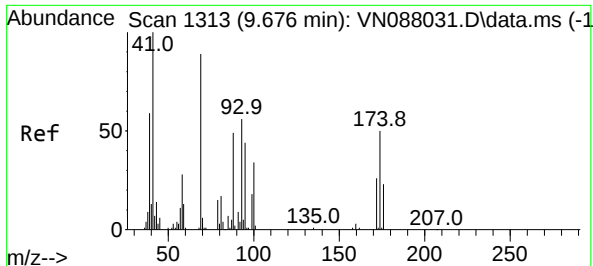
10/21/2025



#44
Isopropyl Acetate
Concen: 19.686 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Tgt Ion: 43 Resp: 224369
Ion Ratio Lower Upper
43 100
61 24.6 18.7 28.1





#45

1,4-Dioxane

Concen: 395.465 ug/l

RT: 9.677 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN088073.D

Acq: 20 Oct 2025 09:26

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBS01

Tgt Ion: 88 Resp: 2997

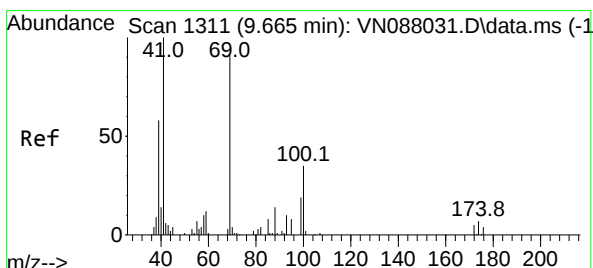
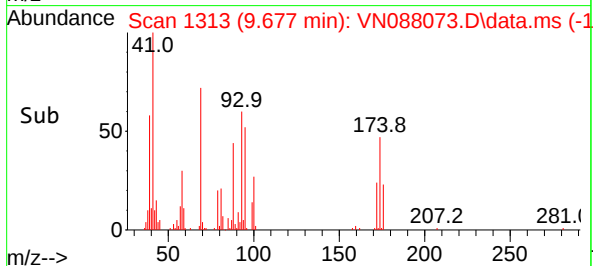
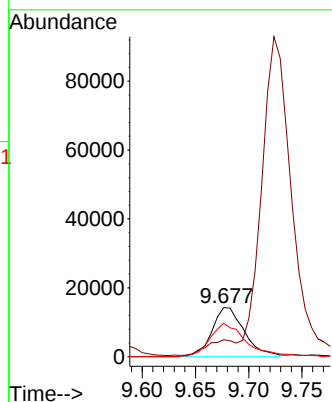
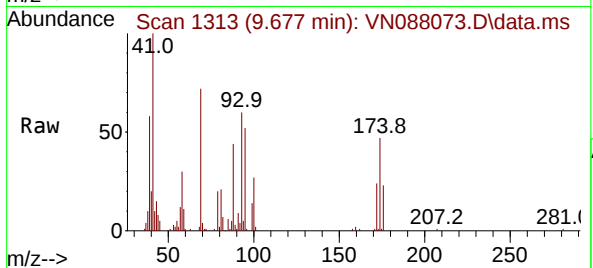
Ion	Ratio	Lower	Upper
88	100		
43	28.7	18.6	27.8
58	75.4	57.4	86.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

10/21/2025
Supervised By :Semsettin
Yesilyurt

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#46

Methyl methacrylate

Concen: 20.859 ug/l

RT: 9.665 min Scan# 1311

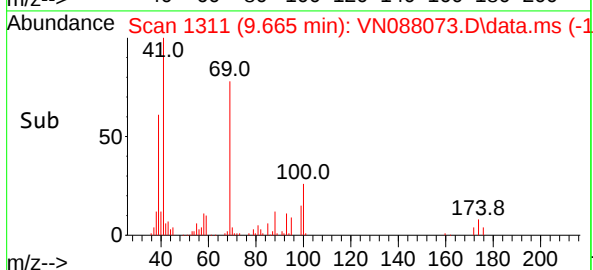
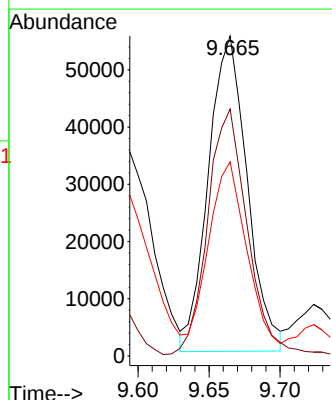
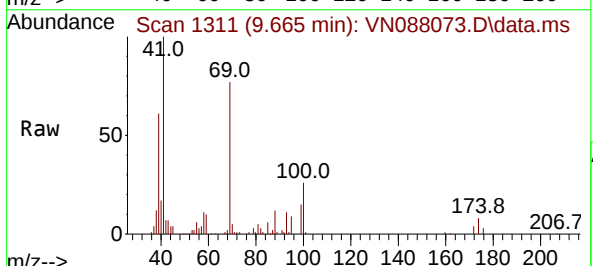
Delta R.T. 0.000 min

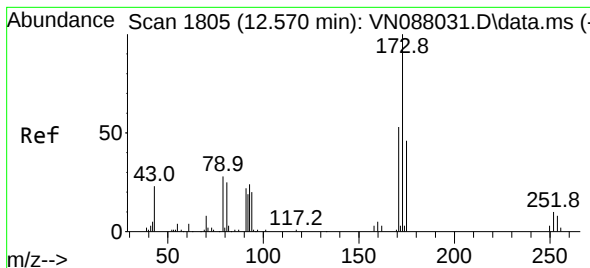
Lab File: VN088073.D

Acq: 20 Oct 2025 09:26

Tgt Ion: 41 Resp: 104697

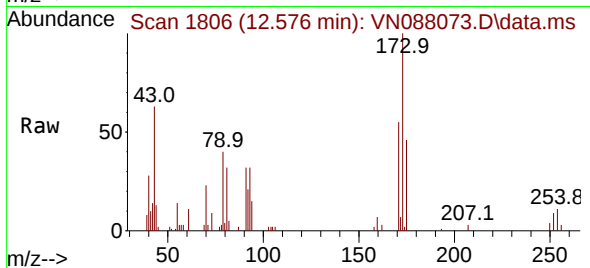
Ion	Ratio	Lower	Upper
41	100		
69	81.0	44.9	134.7
39	61.5	30.3	90.8





#47
n-amy1 Acetate
Concen: 20.980 ug/l m
RT: 12.576 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



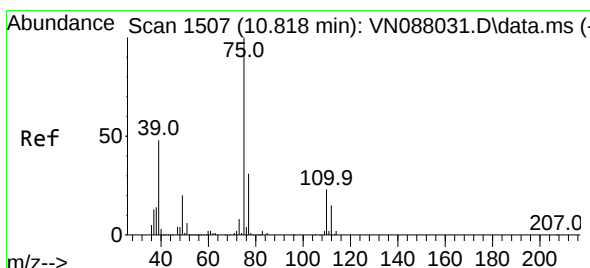
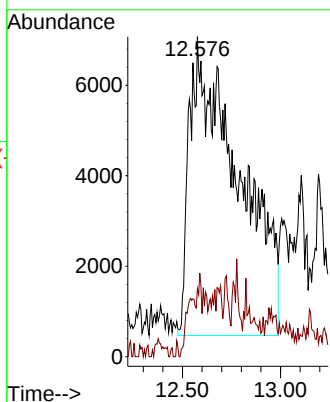
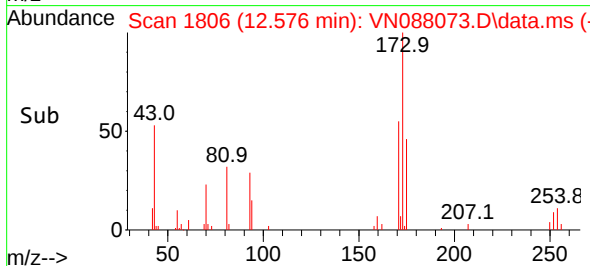
Tgt Ion: 43 Resp: 11333
Ion Ratio Lower Upper
43 100
55 1.6 0.6 0.8

Manual Integrations
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Reviewed By :John
Carlone

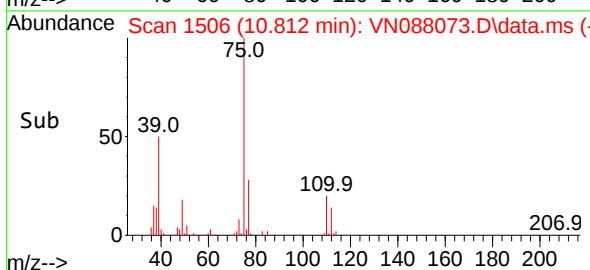
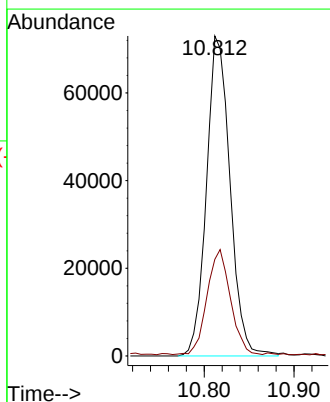
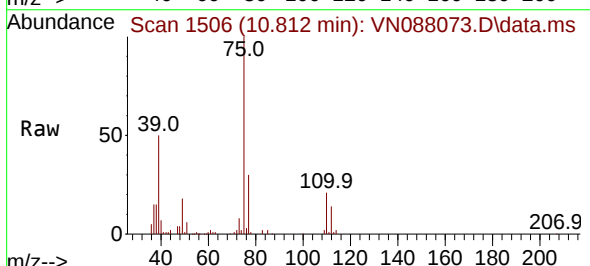
10/21/2025
Supervised By :Semsettin
Yesilyurt

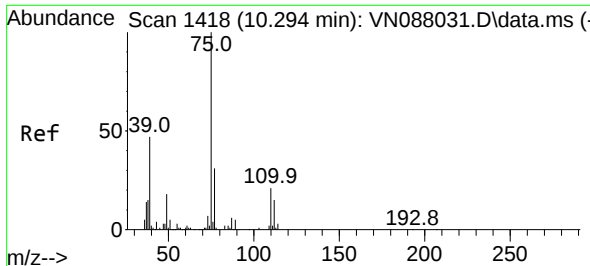
10/21/2025



#48
t-1,3-Dichloropropene
Concen: 19.721 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

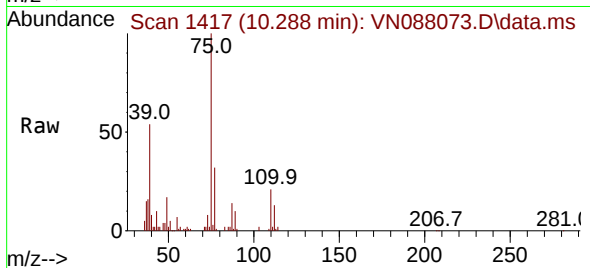
Tgt Ion: 75 Resp: 133458
Ion Ratio Lower Upper
75 100
77 29.7 24.5 36.7





#49
cis-1,3-Dichloropropene
Concen: 19.155 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



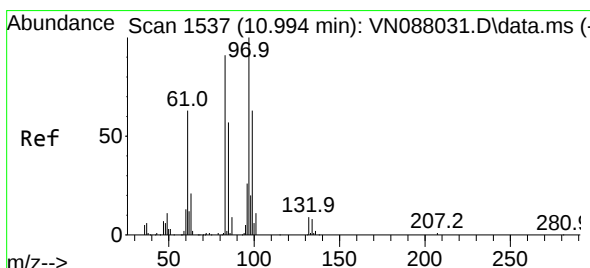
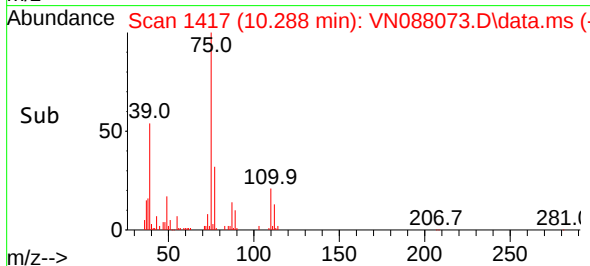
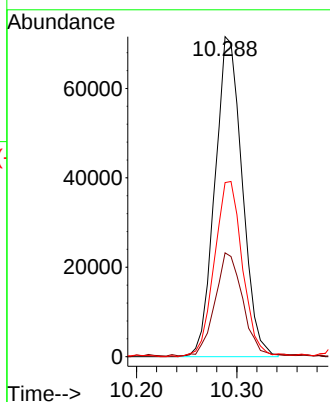
Tgt Ion: 75 Resp: 135218
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4
39 54.4 37.4 56.0

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Reviewed By :John
Carlone

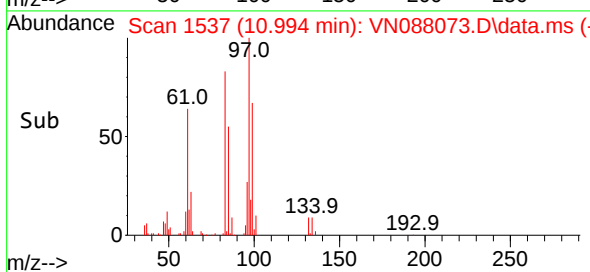
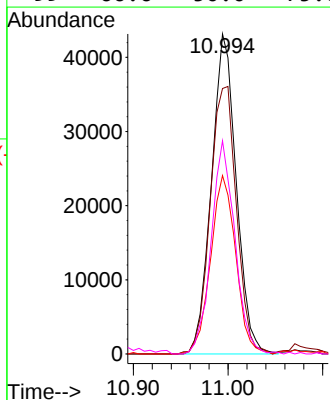
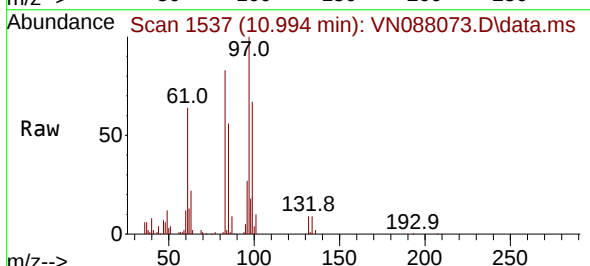
10/21/2025
Supervised By :Semsettin
Yesilyurt

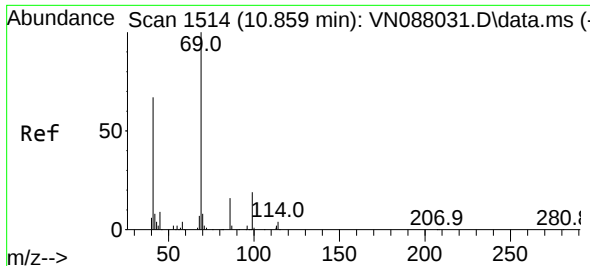
10/21/2025



#50
1,1,2-Trichloroethane
Concen: 19.959 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

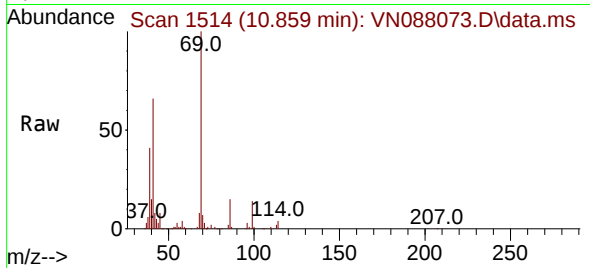
Tgt Ion: 97 Resp: 78759
Ion Ratio Lower Upper
97 100
83 83.0 72.5 108.7
85 55.7 45.5 68.3
99 66.6 50.0 75.0





#51
Ethyl methacrylate
Concen: 19.460 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



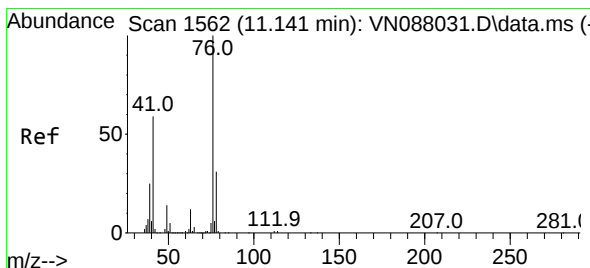
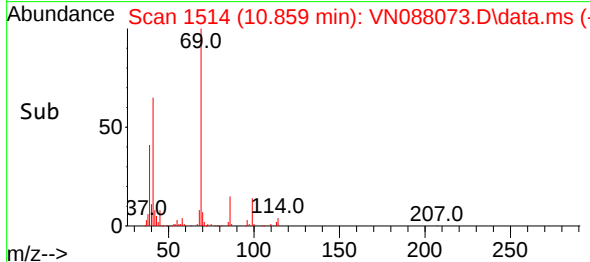
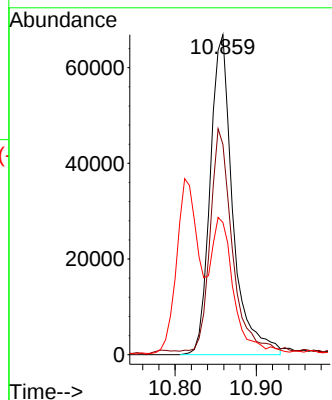
Tgt Ion: 69 Resp: 129959
Ion Ratio Lower Upper
69 100
41 64.6 33.3 99.8
39 39.8 20.3 61.0

Manual Integrations
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Reviewed By :John
Carlone

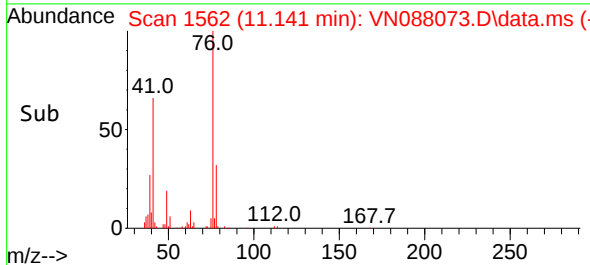
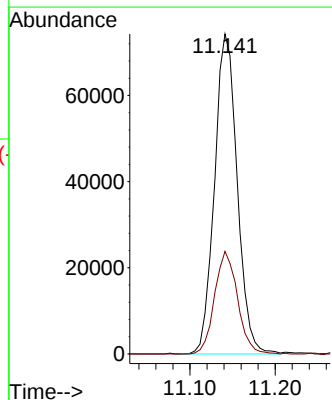
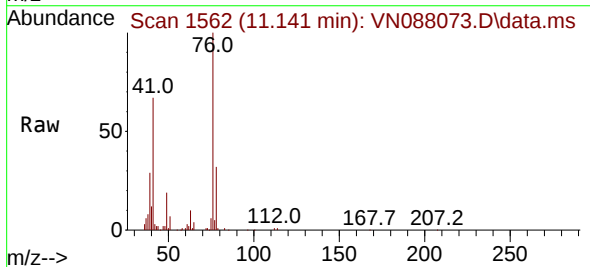
10/21/2025
Supervised By :Semsettin
Yesilyurt

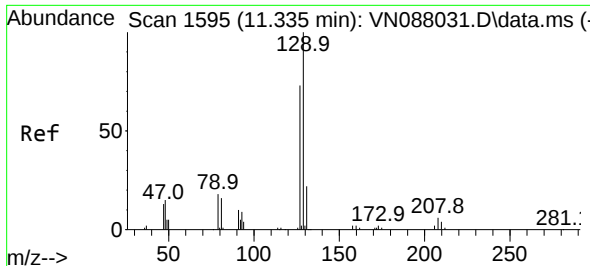
10/21/2025



#52
1,3-Dichloropropane
Concen: 20.006 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

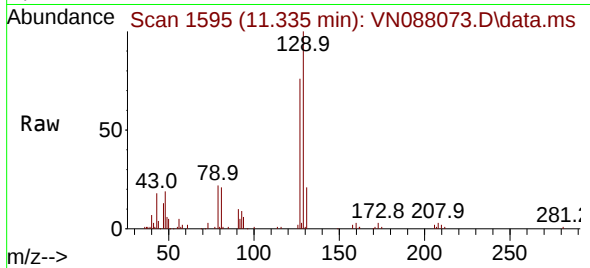
Tgt Ion: 76 Resp: 137735
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.0





#53
Dibromochloromethane
Concen: 19.363 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



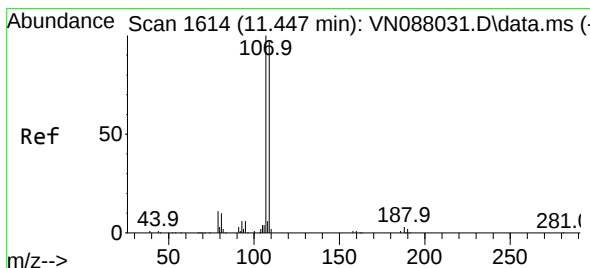
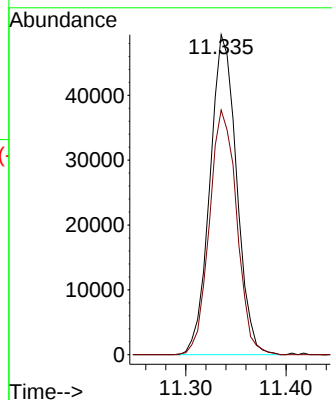
Tgt Ion:129 Resp: 91345
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.3

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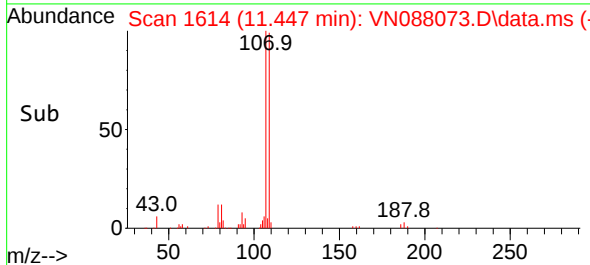
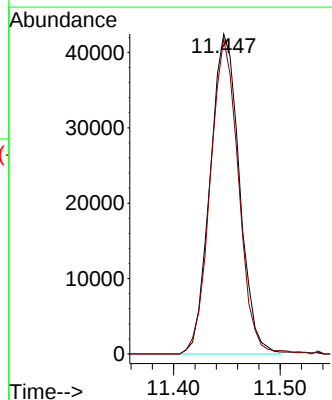
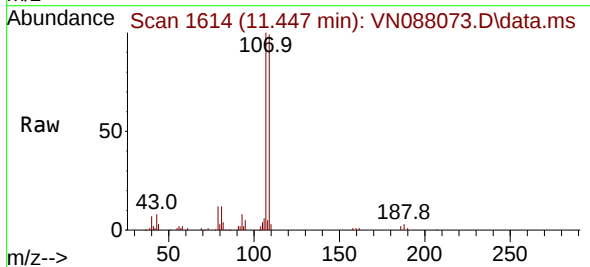
10/21/2025
Supervised By :Semsettin
Yesilyurt

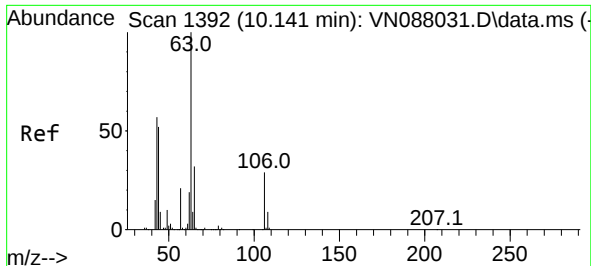
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#54
1,2-Dibromoethane
Concen: 19.129 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

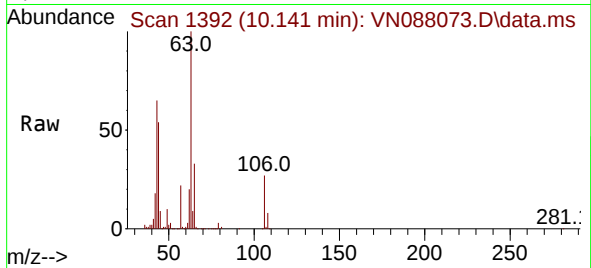
Tgt Ion:107 Resp: 80700
Ion Ratio Lower Upper
107 100
109 94.9 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 99.423 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



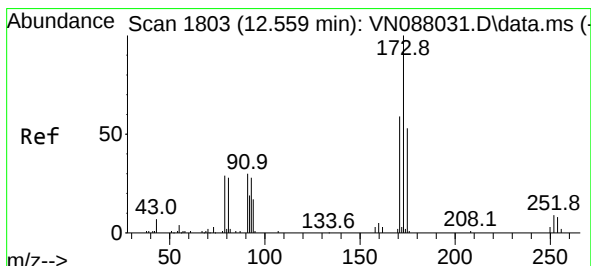
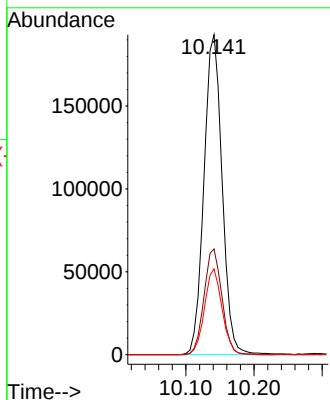
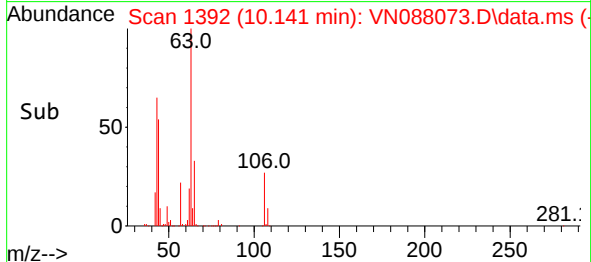
Tgt Ion: 63 Resp: 35839
Ion Ratio Lower Upper
63 100
65 32.4 25.7 38.5
106 26.0 22.6 34.0

Manual Integrations
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Reviewed By :John
Carlone

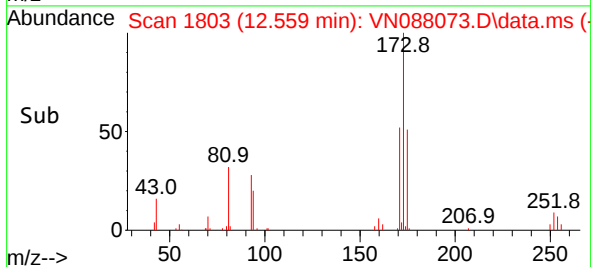
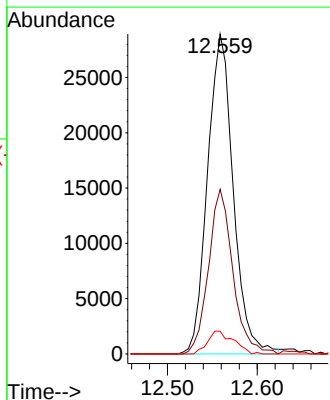
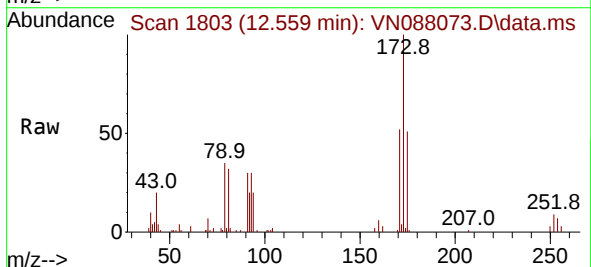
10/21/2025
Supervised By :Semsettin
Yesilyurt

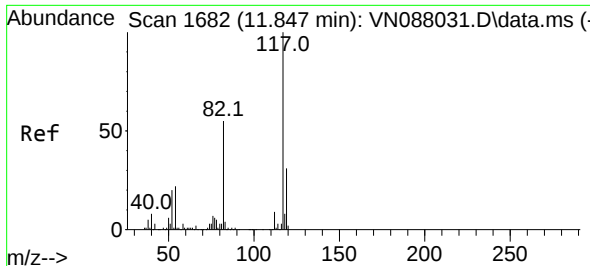
10/21/2025



#56
Bromoform
Concen: 18.065 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

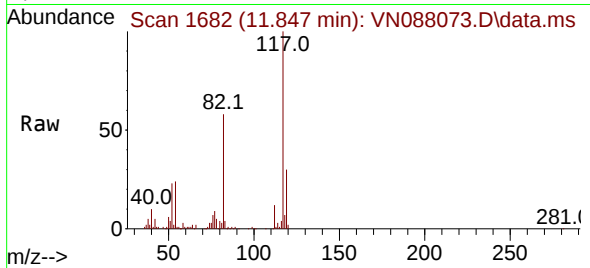
Tgt Ion:173 Resp: 57617
Ion Ratio Lower Upper
173 100
175 48.5 39.6 59.4
254 7.1 6.6 10.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



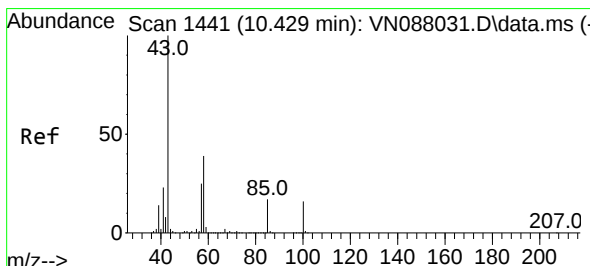
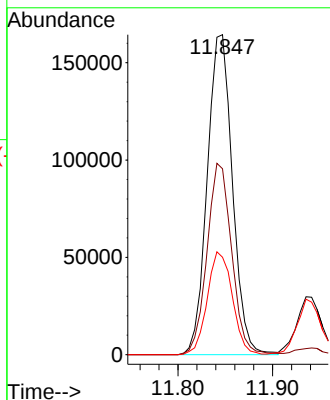
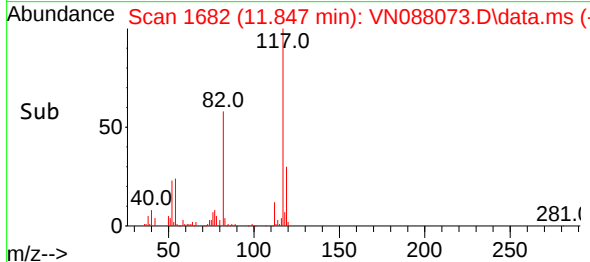
Tgt Ion:117 Resp: 304684
Ion Ratio Lower Upper
117 100
82 58.5 45.2 67.8
119 31.9 25.9 38.9

Manual Integrations
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Reviewed By :John
Carlone

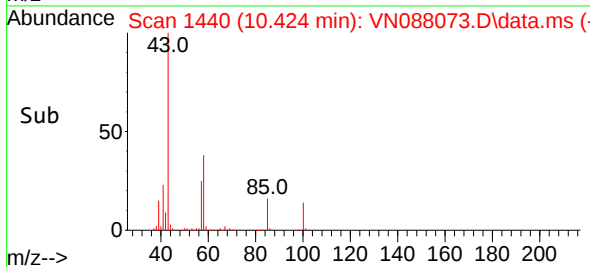
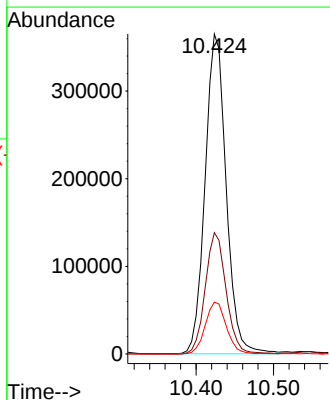
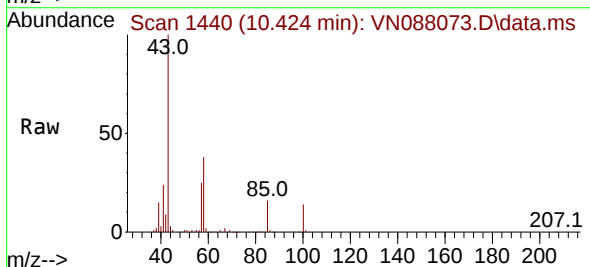
10/21/2025
Supervised By :Semsettin
Yesilyurt

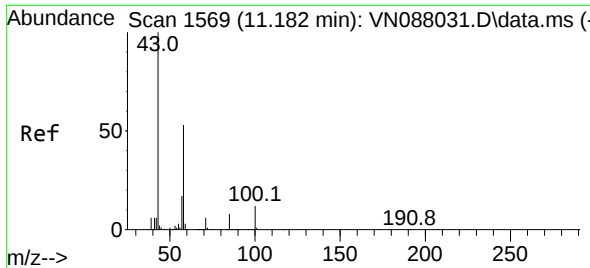
10/21/2025



#58
4-Methyl-2-Pentanone
Concen: 101.227 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

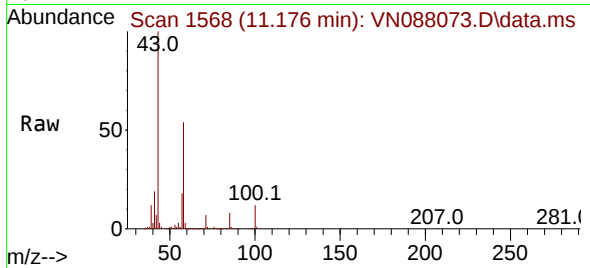
Tgt Ion: 43 Resp: 689865
Ion Ratio Lower Upper
43 100
58 37.6 31.2 46.8
85 16.2 13.7 20.5





#59
2-Hexanone
Concen: 97.743 ug/l
RT: 11.176 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



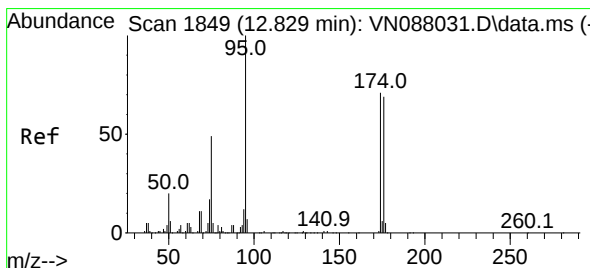
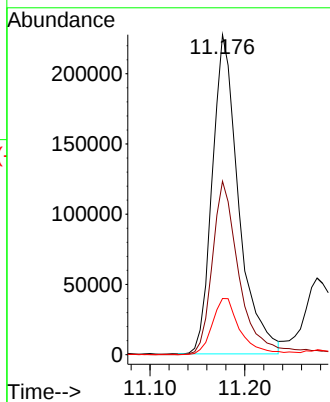
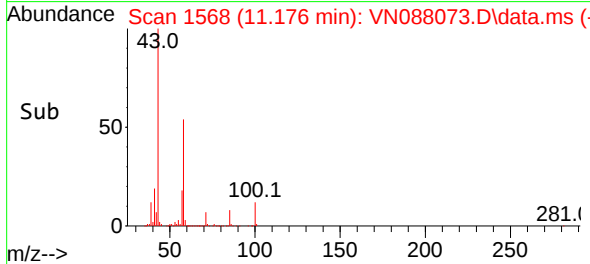
Tgt Ion: 43 Resp: 439800
Ion Ratio Lower Upper
43 100
58 55.2 43.1 64.7
57 18.6 14.6 21.8

Manual Integrations
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Reviewed By :John
Carlone

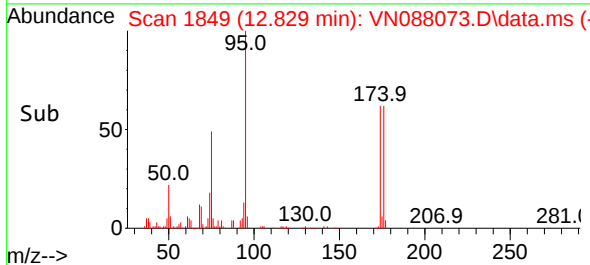
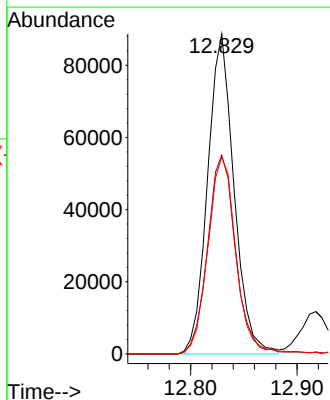
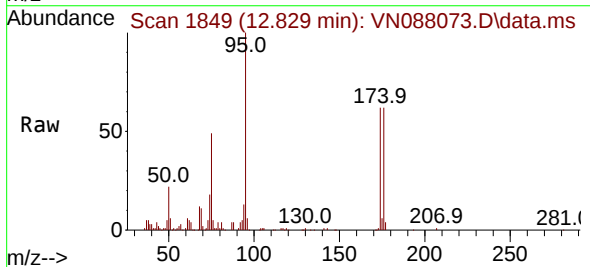
10/21/2025
Supervised By :Semsettin
Yesilyurt

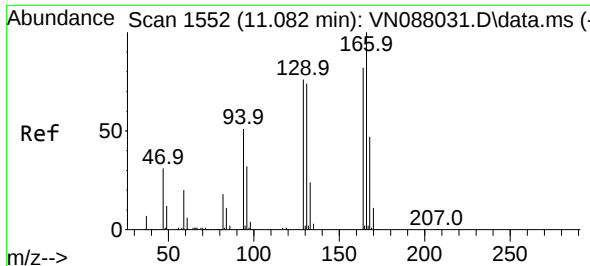
10/21/2025



#60
4-Bromofluorobenzene
Concen: 30.443 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

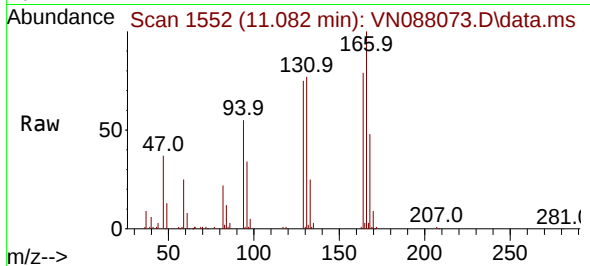
Tgt Ion: 95 Resp: 152913
Ion Ratio Lower Upper
95 100
174 65.5 57.4 86.0
176 64.9 57.0 85.4





#61
Tetrachloroethene
Concen: 19.362 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



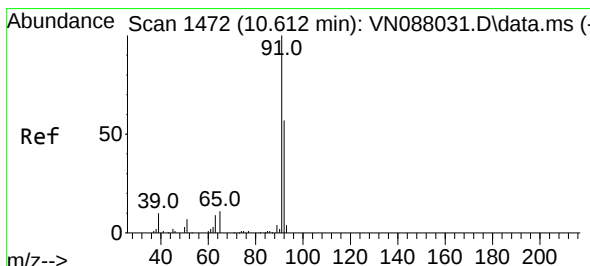
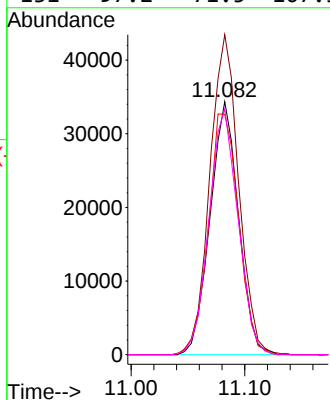
Tgt Ion:164 Resp: 59740
Ion Ratio Lower Upper
164 100
166 126.5 97.2 145.8
129 94.9 73.7 110.5
131 97.2 71.5 107.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

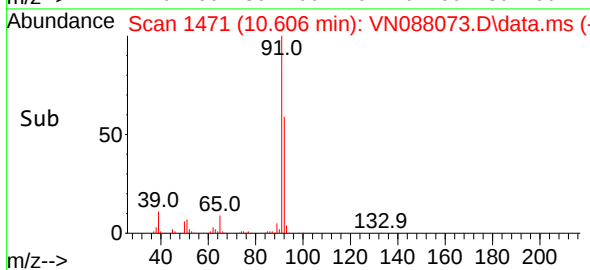
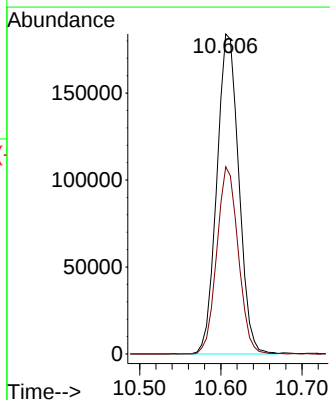
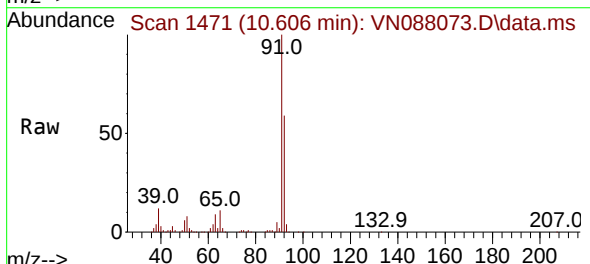
10/21/2025
Supervised By :Semsettin
Yesilyurt

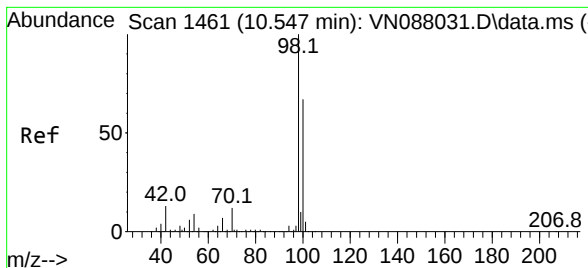
10/21/2025



#62
Toluene
Concen: 20.038 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

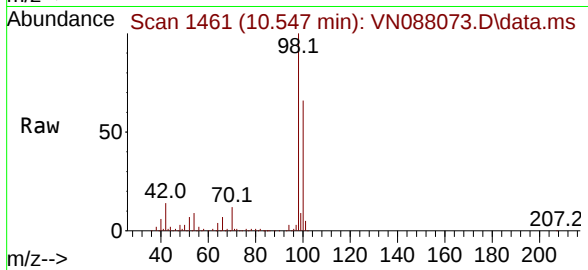
Tgt Ion: 91 Resp: 346319
Ion Ratio Lower Upper
91 100
92 57.0 45.8 68.8





#63
Toluene-d8
Concen: 30.949 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



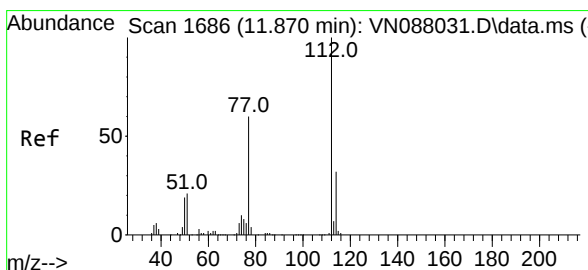
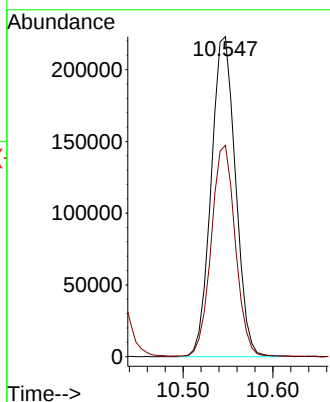
Tgt Ion: 98 Resp: 420133
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7

Manual Integrations
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Reviewed By :John
Carlone

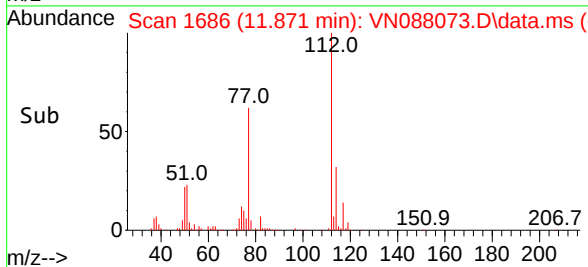
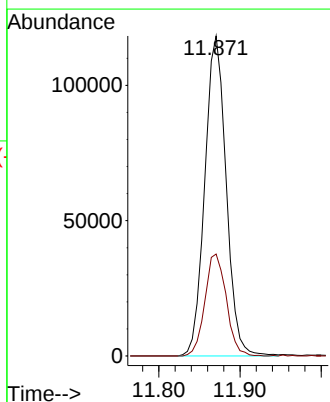
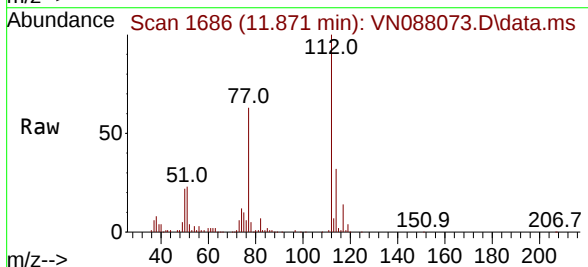
10/21/2025
Supervised By :Semsettin
Yesilyurt

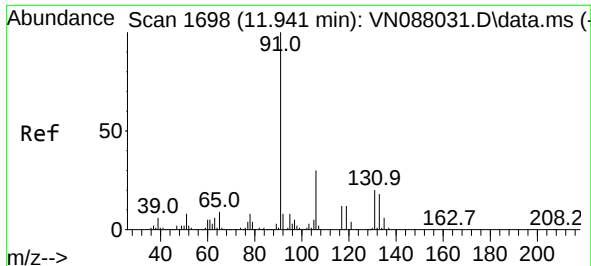
10/21/2025



#64
Chlorobenzene
Concen: 19.588 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

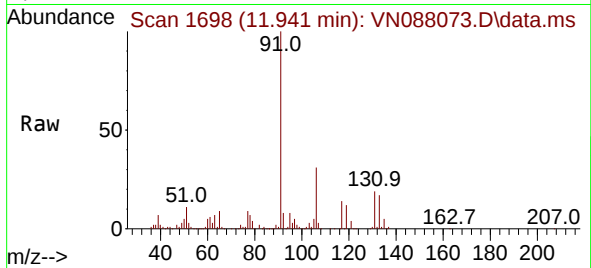
Tgt Ion:112 Resp: 216235
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 20.076 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



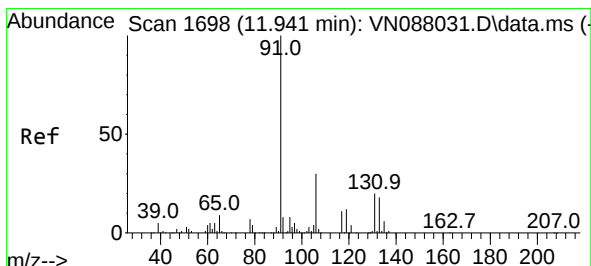
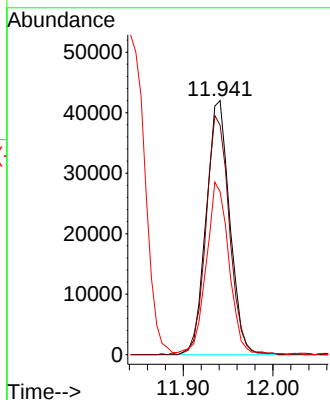
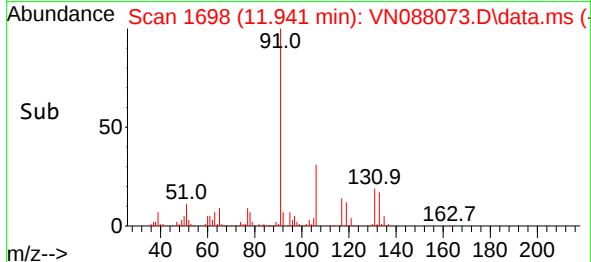
Tgt Ion:131 Resp: 76374
Ion Ratio Lower Upper
131 100
133 93.6 0.0 183.8
119 65.4 0.0 132.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

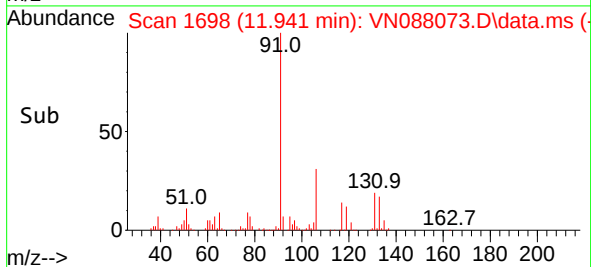
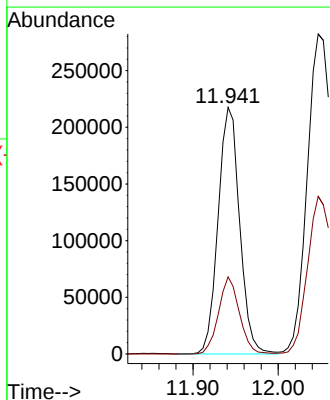
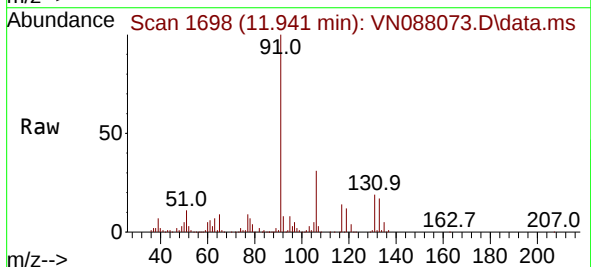
10/21/2025
Supervised By :Semsettin
Yesilyurt

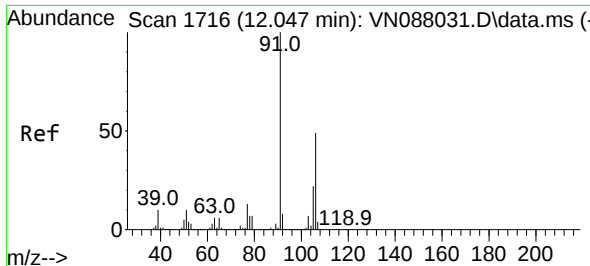
10/21/2025



#66
Ethyl Benzene
Concen: 20.329 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

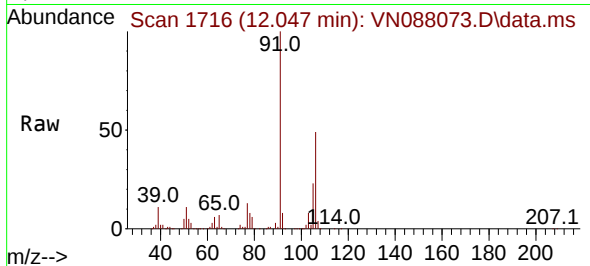
Tgt Ion: 91 Resp: 382033
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0





#67
m/p-Xylenes
Concen: 39.877 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



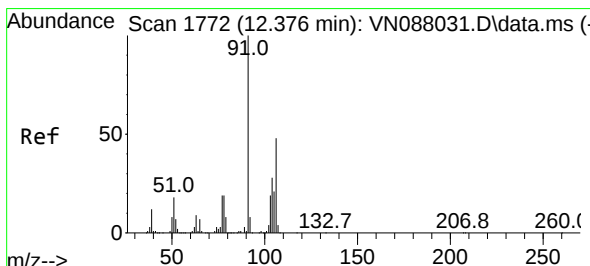
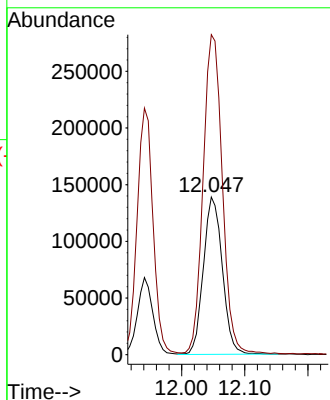
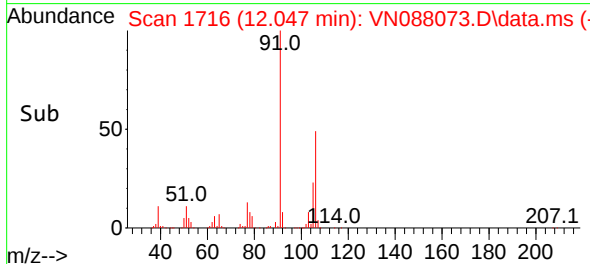
Tgt Ion:106 Resp: 288899
Ion Ratio Lower Upper
106 100
91 207.0 161.4 242.0

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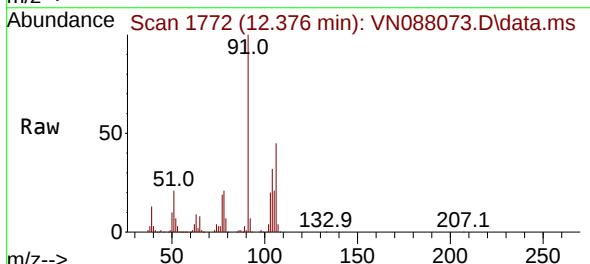
Reviewed By :John
Carlone

10/21/2025
Supervised By :Semsettin
Yesilyurt

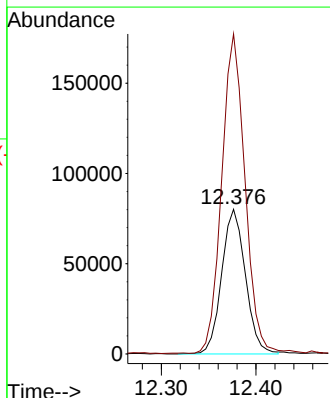
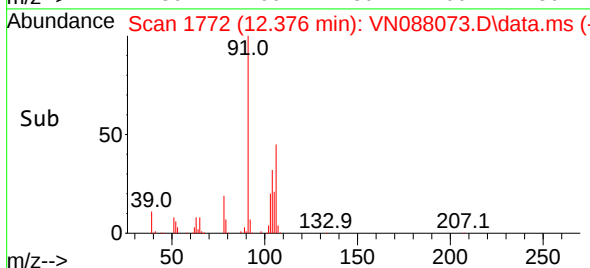
10/21/2025

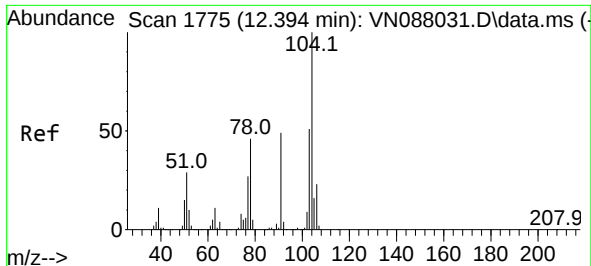


#68
o-Xylene
Concen: 19.369 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26



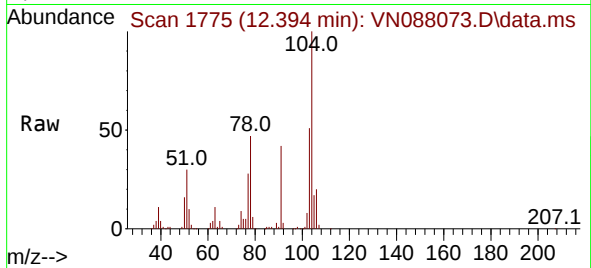
Tgt Ion:106 Resp: 139692
Ion Ratio Lower Upper
106 100
91 216.3 105.2 315.6





#69
Styrene
Concen: 19.714 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



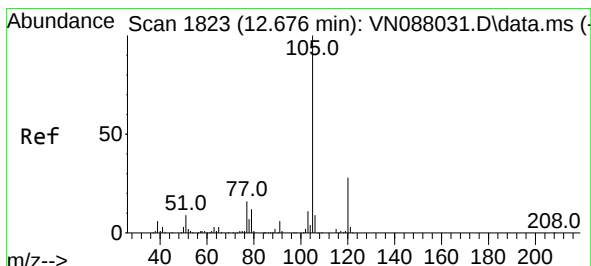
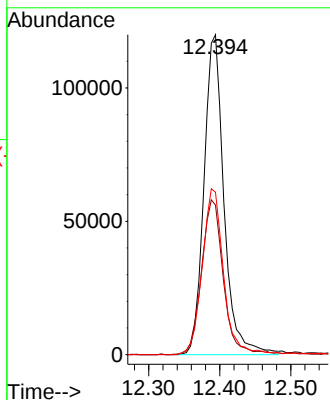
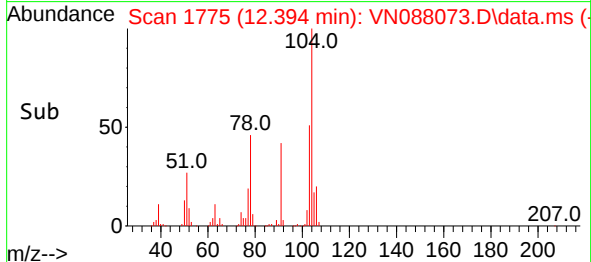
Tgt Ion:104 Resp: 235197
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.6
103 54.3 44.9 67.3

Manual Integrations
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Reviewed By :John
Carlone

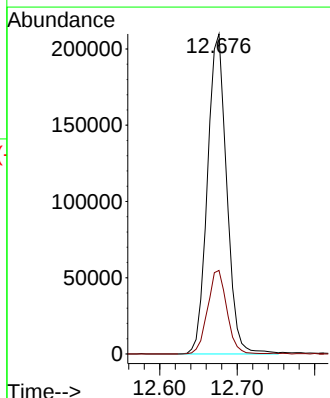
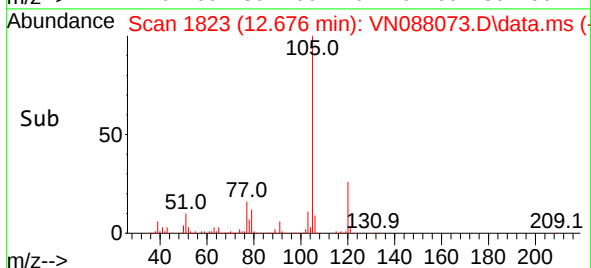
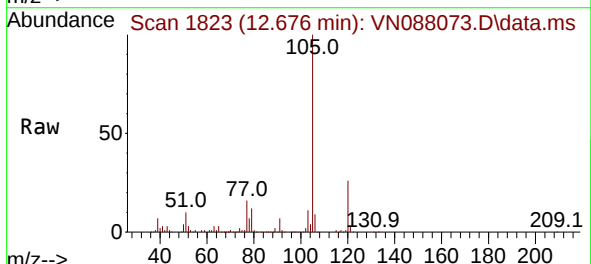
10/21/2025
Supervised By :Semsettin
Yesilyurt

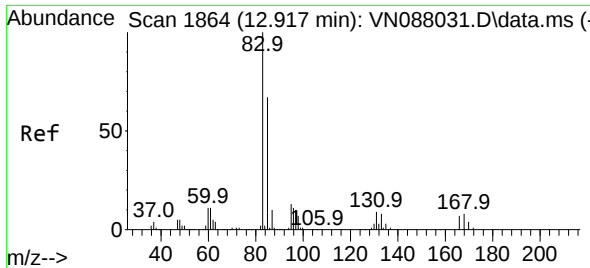
10/21/2025



#70
Isopropylbenzene
Concen: 20.478 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

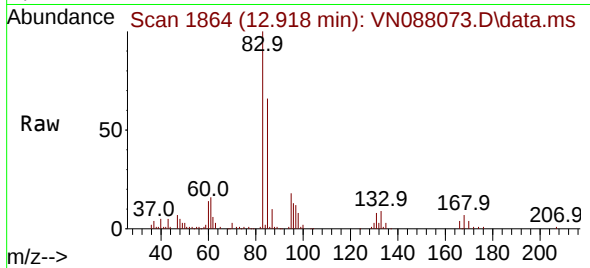
Tgt Ion:105 Resp: 361962
Ion Ratio Lower Upper
105 100
120 26.1 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 20.162 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



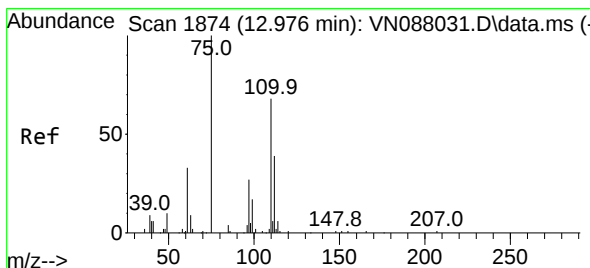
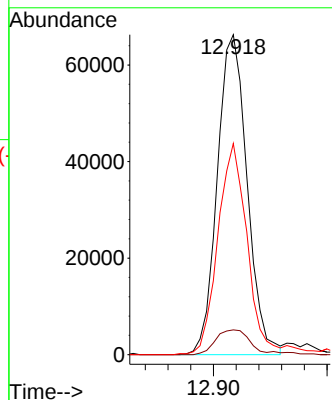
Tgt Ion: 83 Resp: 120825
Ion Ratio Lower Upper
83 100
131 8.7 4.8 14.3
85 64.3 32.4 97.2

Manual Integrations
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Reviewed By :John
Carlone

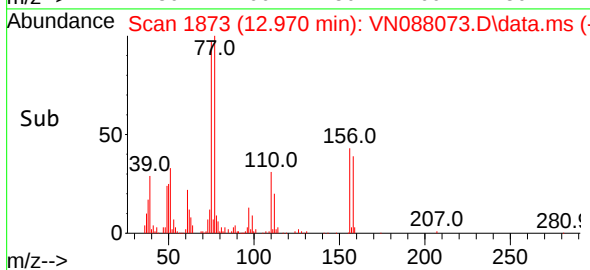
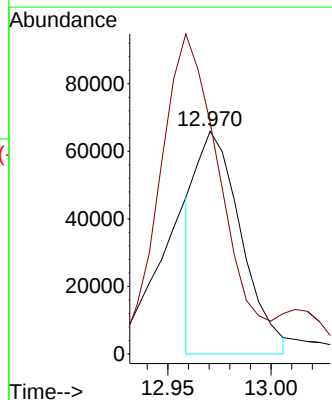
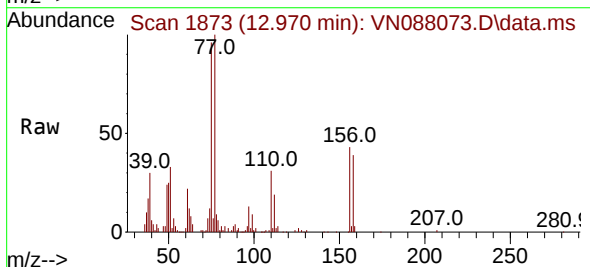
10/21/2025
Supervised By :Semsettin
Yesilyurt

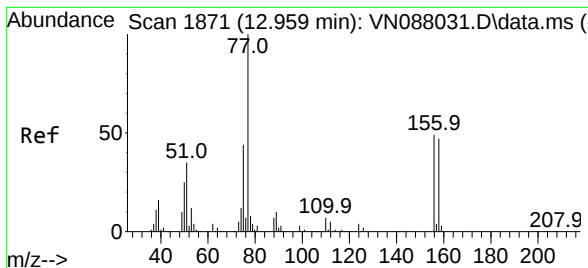
10/21/2025



#72
1,2,3-Trichloropropane
Concen: 18.063 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

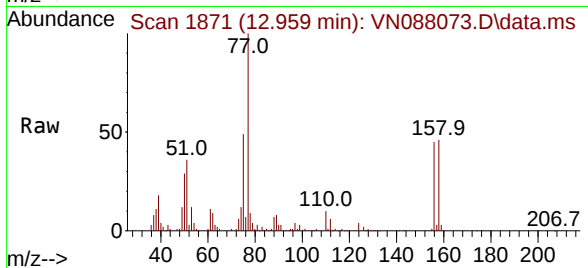
Tgt Ion: 75 Resp: 100533
Ion Ratio Lower Upper
75 100
77 192.0 0.0 364.0





#73
Bromobenzene
Concen: 18.325 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



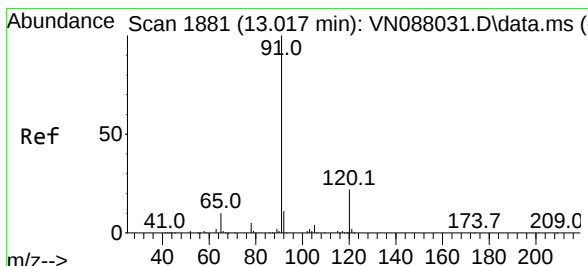
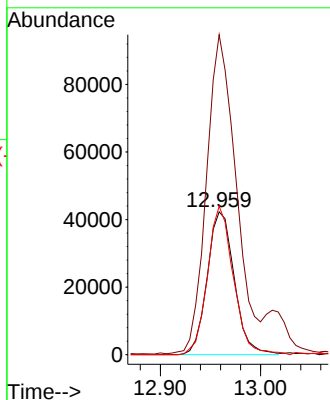
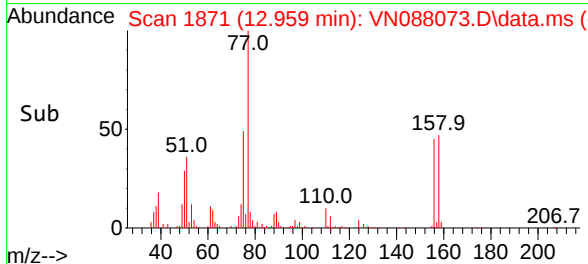
Tgt Ion:156 Resp: 79169
Ion Ratio Lower Upper
156 100
77 243.8 0.0 439.8
158 99.4 0.0 190.0

Manual Integrations
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Reviewed By :John
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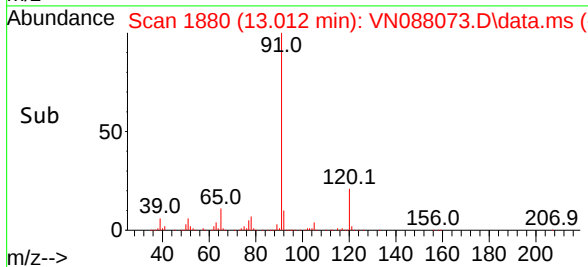
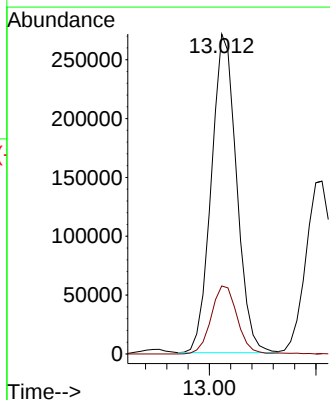
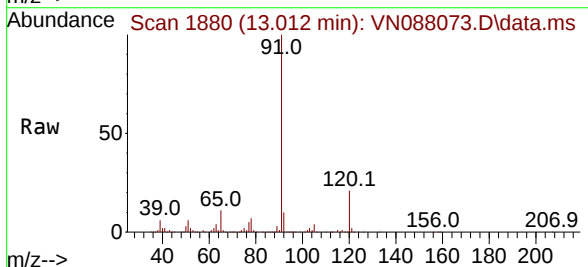
10/21/2025
Supervised By :Semsettin
Yesilyurt

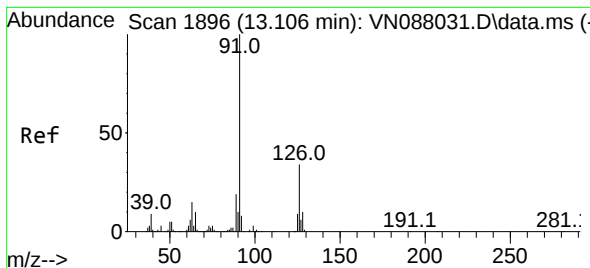
10/21/2025



#74
n-propylbenzene
Concen: 20.885 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

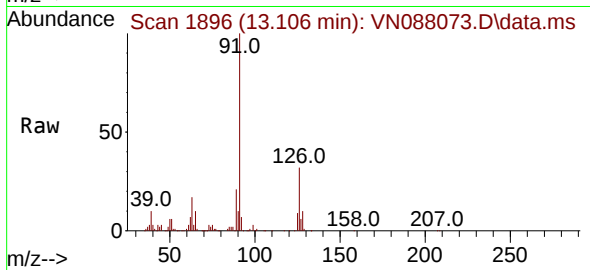
Tgt Ion: 91 Resp: 445643
Ion Ratio Lower Upper
91 100
120 21.9 0.0 46.2





#75
2-Chlorotoluene
Concen: 20.191 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



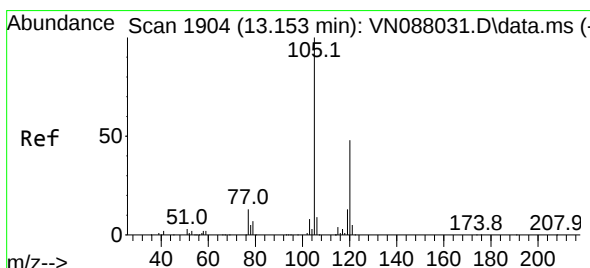
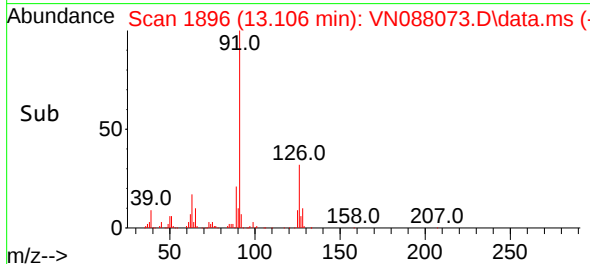
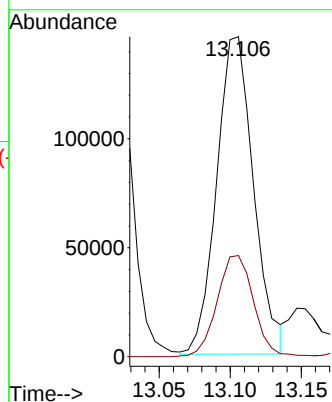
Tgt Ion: 91 Resp: 26343
Ion Ratio Lower Upper
91 100
126 31.5 0.0 66.6

Manual Integrations
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Reviewed By :John
Carlone

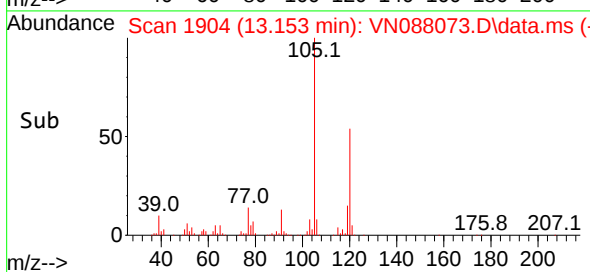
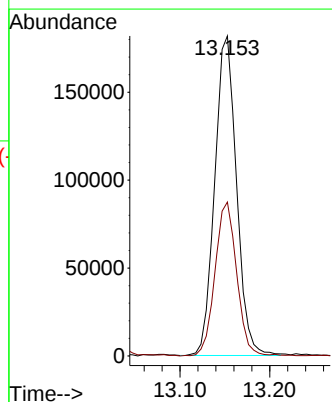
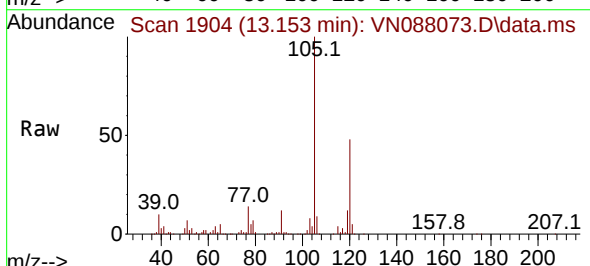
10/21/2025
Supervised By :Semsettin
Yesilyurt

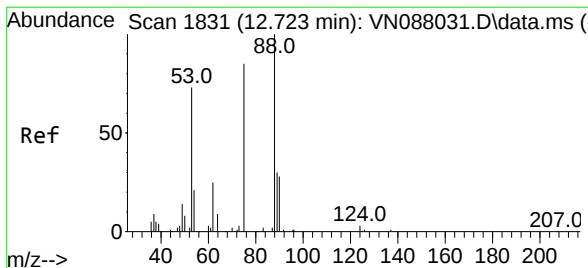
10/21/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.428 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

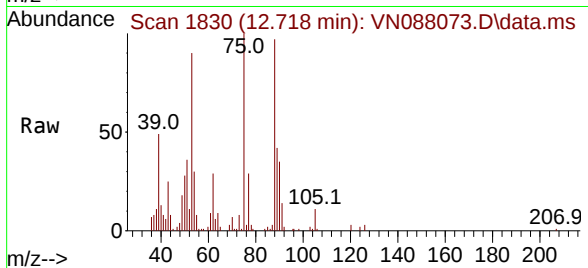
Tgt Ion:105 Resp: 306719
Ion Ratio Lower Upper
105 100
120 47.7 0.0 100.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.165 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument : MSVOA_N
ClientSampleId : VN1020WBS01



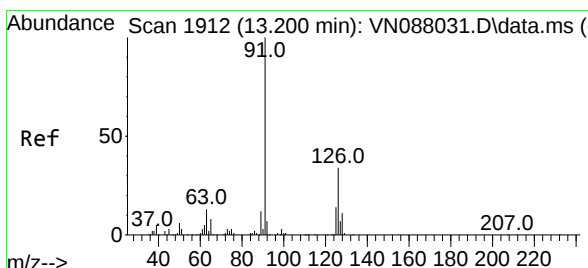
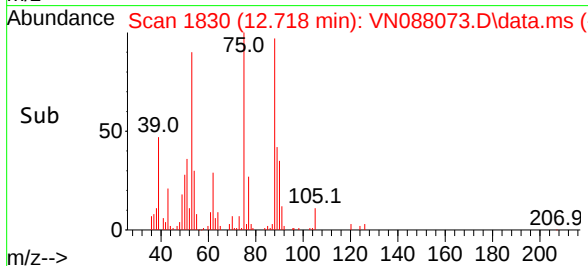
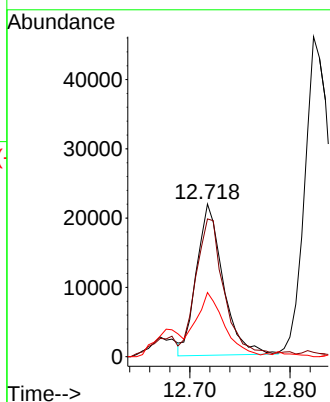
Tgt Ion: 75 Resp: 40290
Ion Ratio Lower Upper
75 100
53 90.3 41.8 125.3
89 39.8 19.9 59.6

Manual Integrations
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Reviewed By :John
Carlone

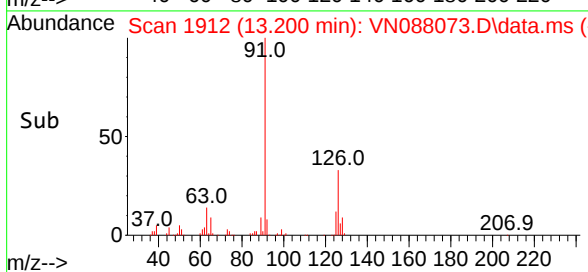
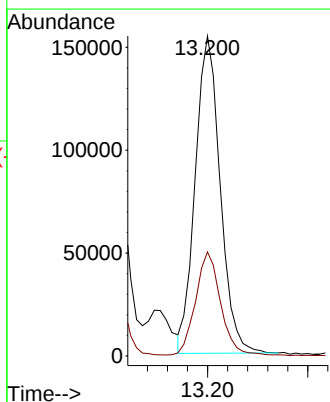
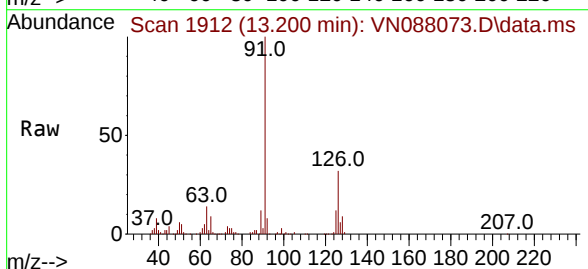
10/21/2025
Supervised By :Semsettin
Yesilyurt

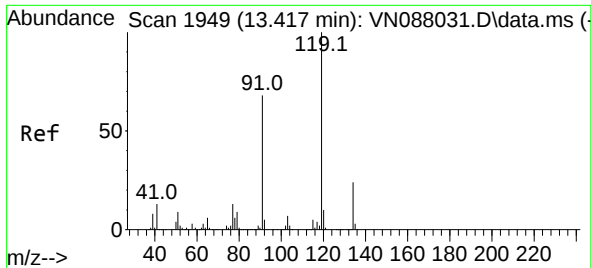
10/21/2025



#78
4-Chlorotoluene
Concen: 20.113 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

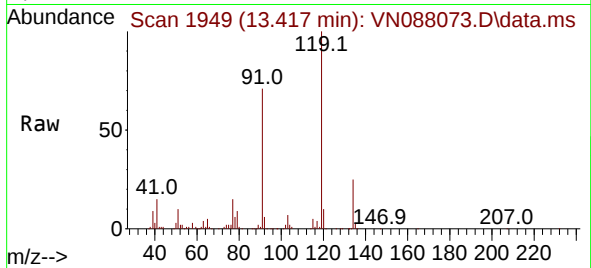
Tgt Ion: 91 Resp: 266609
Ion Ratio Lower Upper
91 100
126 33.5 0.0 68.8





#79
tert-butylbenzene
Concen: 20.607 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



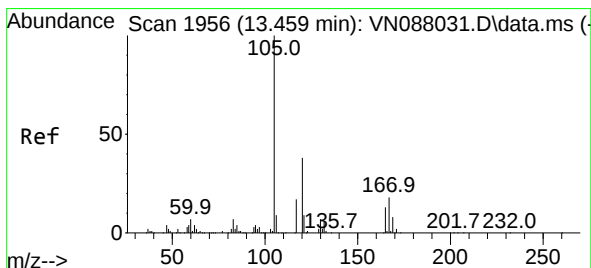
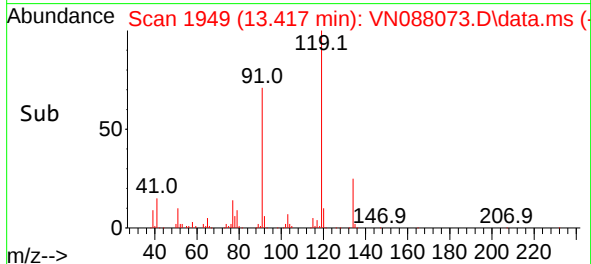
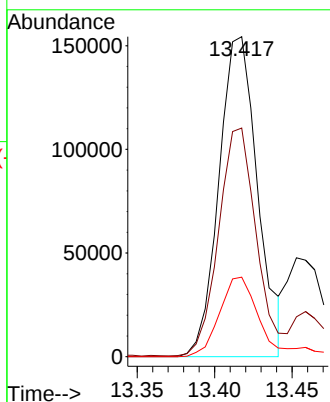
Tgt Ion:119 Resp: 268223
Ion Ratio Lower Upper
119 100
91 70.0 0.0 132.4
134 24.5 0.0 48.6

Manual Integrations
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Reviewed By :John
Carlone

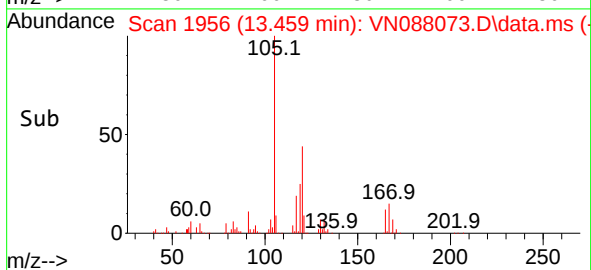
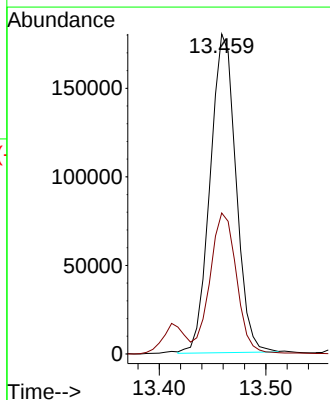
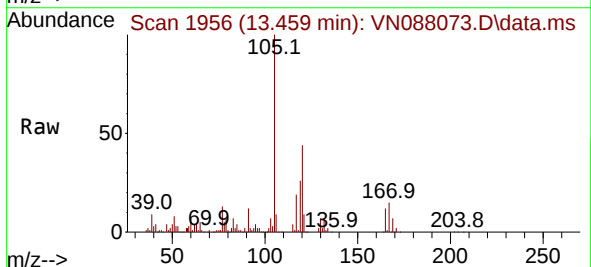
10/21/2025
Supervised By :Semsettin
Yesilyurt

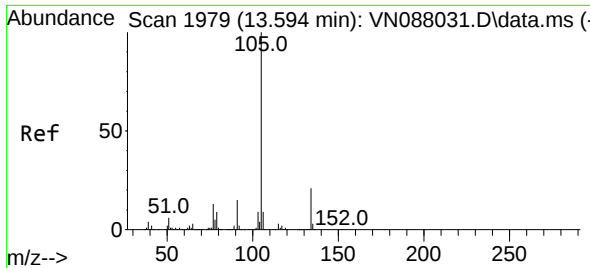
10/21/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.150 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

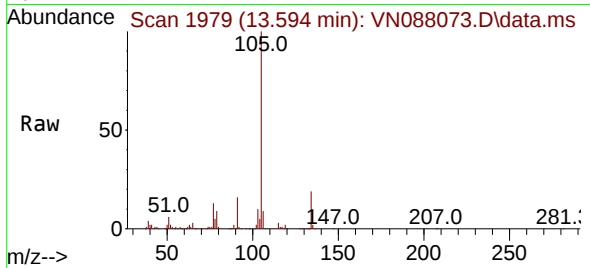
Tgt Ion:105 Resp: 302874
Ion Ratio Lower Upper
105 100
120 44.7 0.0 93.8





#81
 sec-Butylbenzene
 Concen: 21.395 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088073.D
 Acq: 20 Oct 2025 09:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBS01



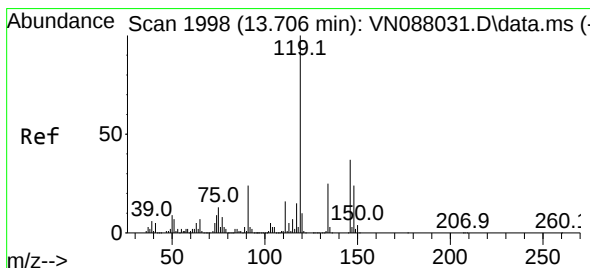
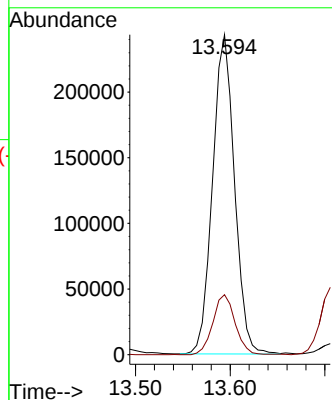
Tgt Ion:105 Resp: 391552
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 41.2

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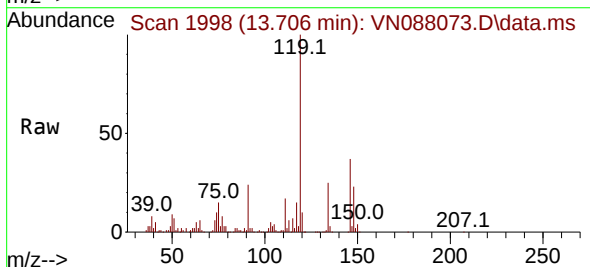
Reviewed By :John
 Carlone

10/21/2025
 Supervised By :Semsettin
 Yesilyurt

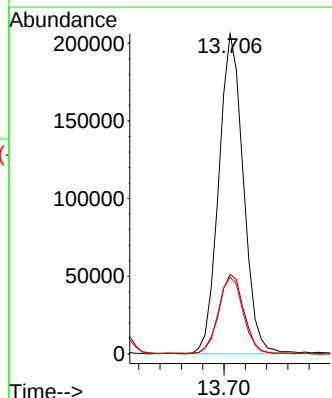
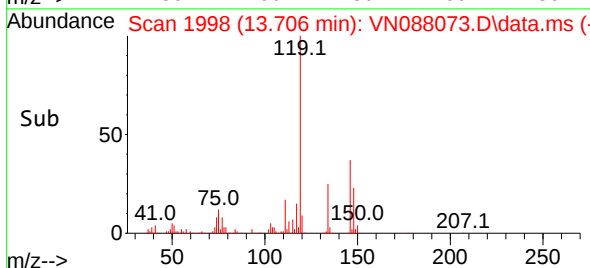
10/21/2025

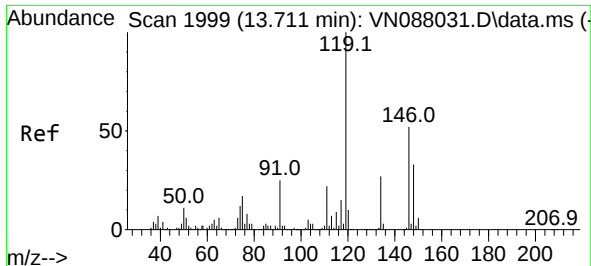


#82
 p-Isopropyltoluene
 Concen: 21.072 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088073.D
 Acq: 20 Oct 2025 09:26



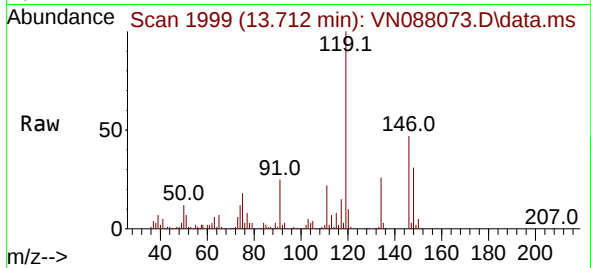
Tgt Ion:119 Resp: 329248
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.6
 91 24.0 0.0 48.2





#83
1,3-Dichlorobenzene
Concen: 19.334 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



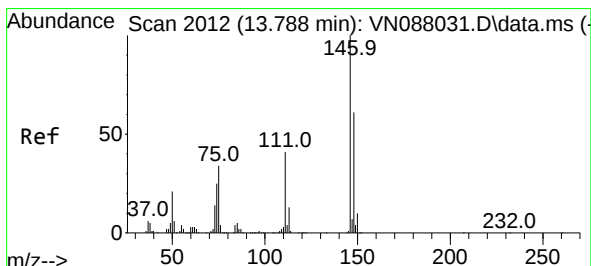
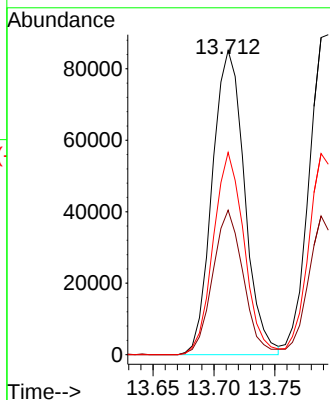
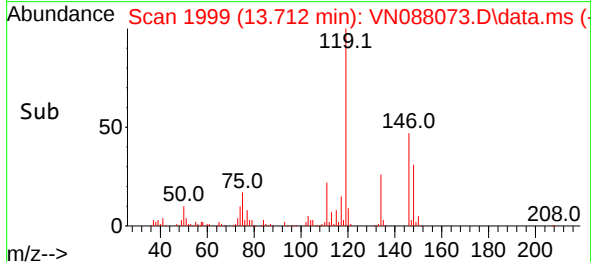
Tgt Ion:146 Resp: 157162
Ion Ratio Lower Upper
146 100
111 45.1 21.1 63.1
148 63.6 31.5 94.5

Manual Integrations
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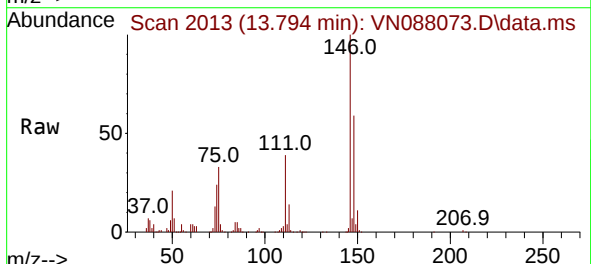
Reviewed By :John
Carlone

10/21/2025
Supervised By :Semsettin
Yesilyurt

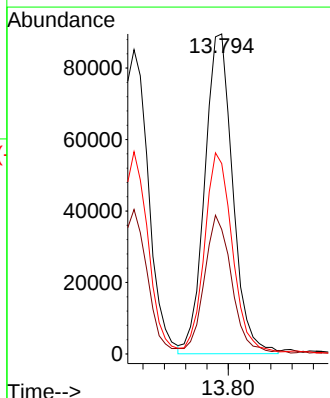
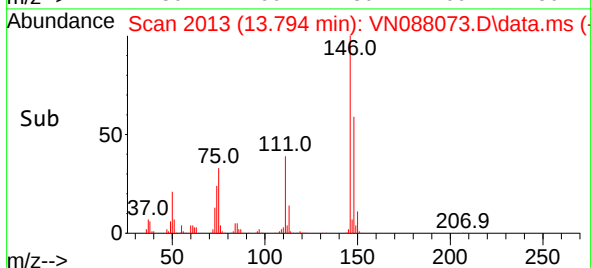
10/21/2025

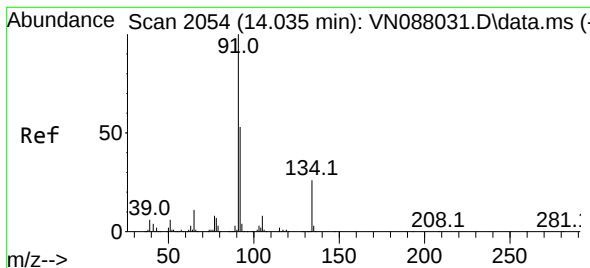


#84
1,4-Dichlorobenzene
Concen: 19.550 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26



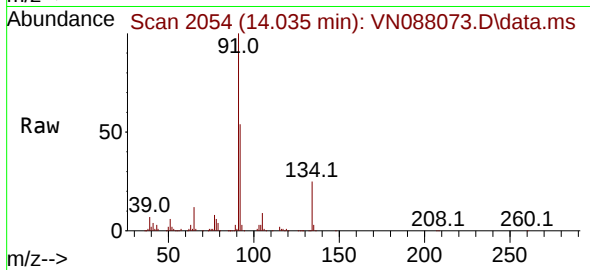
Tgt Ion:146 Resp: 163893
Ion Ratio Lower Upper
146 100
111 42.6 20.5 61.6
148 63.2 31.9 95.9





#85
n-Butylbenzene
Concen: 21.750 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



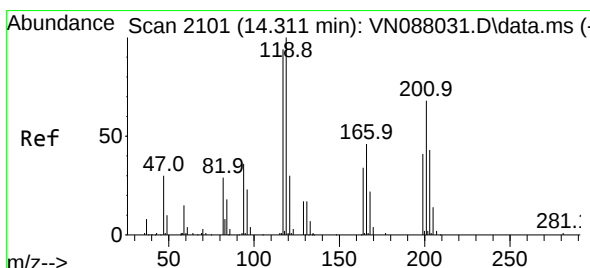
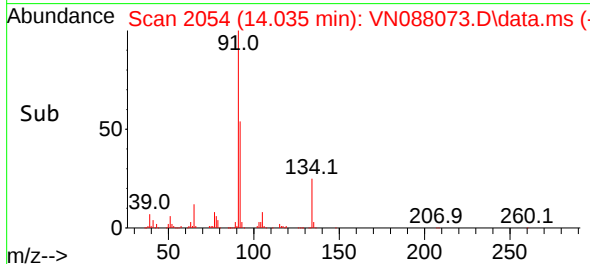
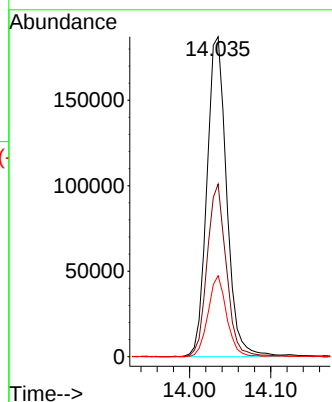
Tgt Ion: 91 Resp: 31616
Ion Ratio Lower Upper
91 100
92 52.4 0.0 107.6
134 23.7 0.0 52.6

Manual Integrations
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Reviewed By :John
Carlone

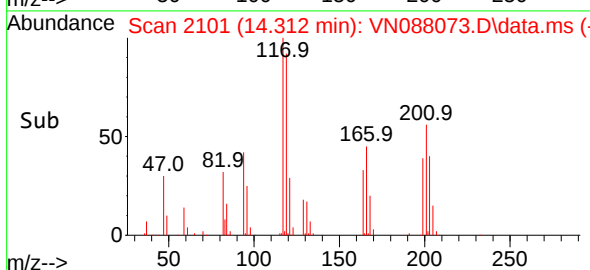
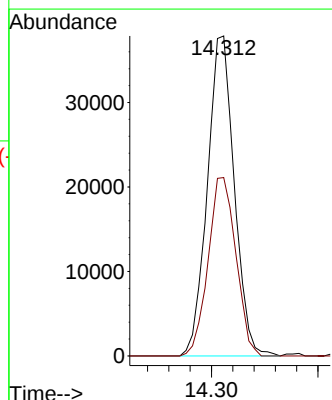
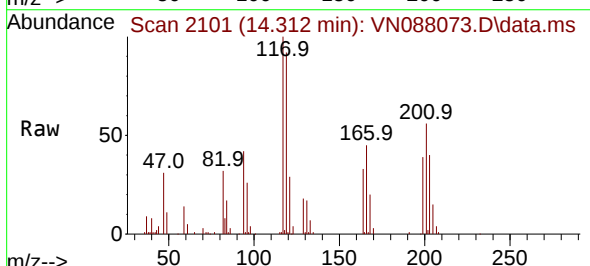
10/21/2025
Supervised By :Semsettin
Yesilyurt

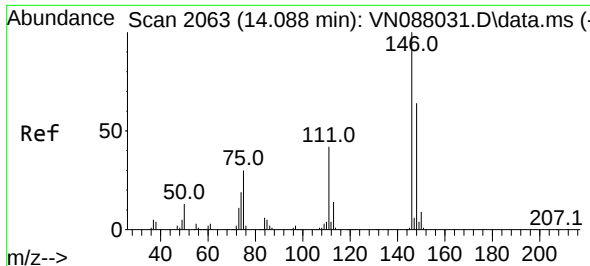
10/21/2025



#86
Hexachloroethane
Concen: 21.274 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

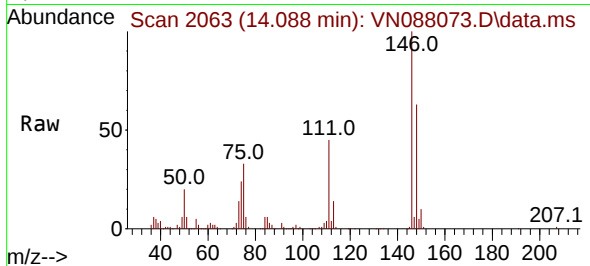
Tgt Ion:117 Resp: 66588
Ion Ratio Lower Upper
117 100
201 57.4 34.8 104.3





#87
1,2-Dichlorobenzene
Concen: 19.093 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



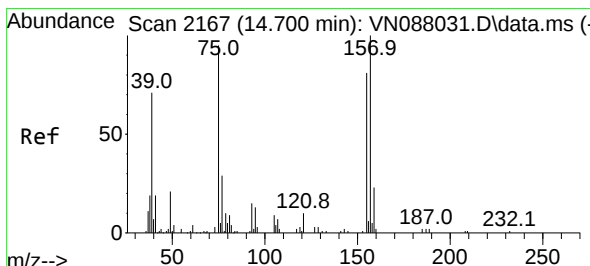
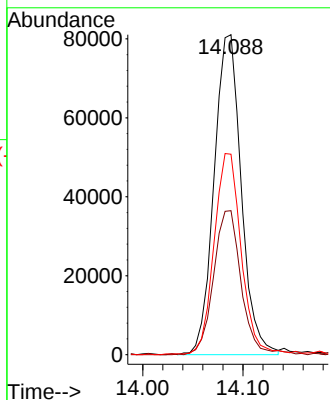
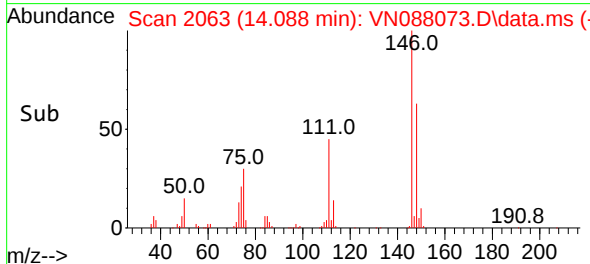
Tgt Ion:146 Resp: 152650
Ion Ratio Lower Upper
146 100
111 45.7 22.3 66.8
148 62.7 31.4 94.3

Manual Integrations
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Reviewed By :John
Carlone

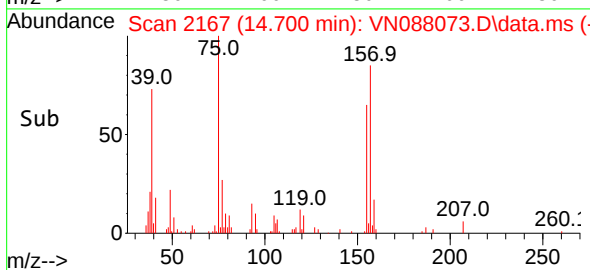
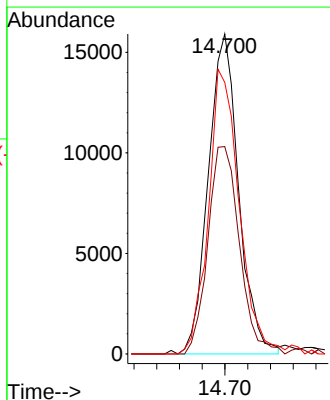
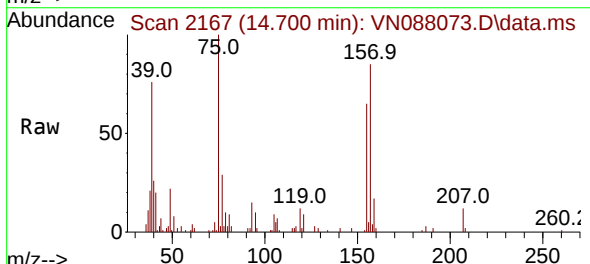
10/21/2025
Supervised By :Semsettin
Yesilyurt

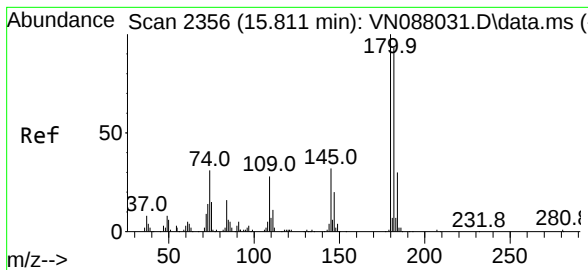
10/21/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.440 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

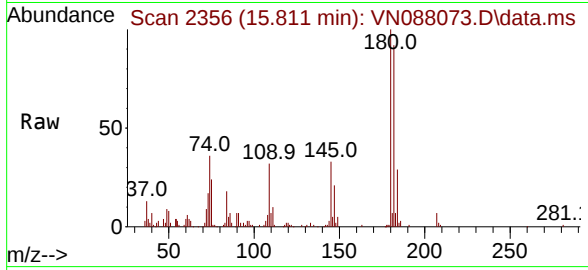
Tgt Ion: 75 Resp: 29509
Ion Ratio Lower Upper
75 100
155 67.4 63.5 95.3
157 90.0 81.7 122.5





#89
1,2,4-Trichlorobenzene
Concen: 18.383 ug/l
RT: 15.811 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



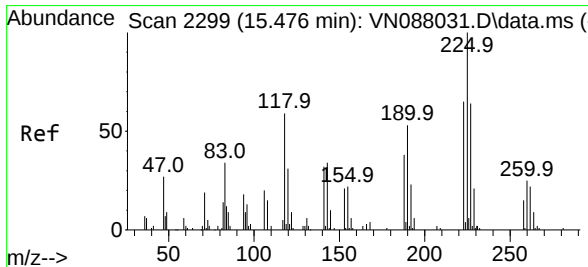
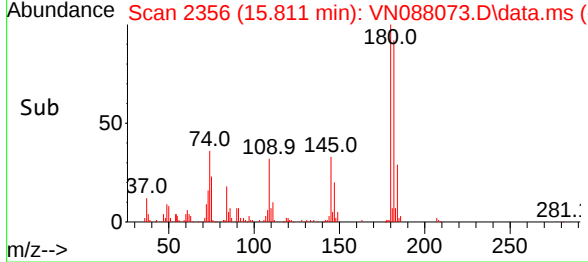
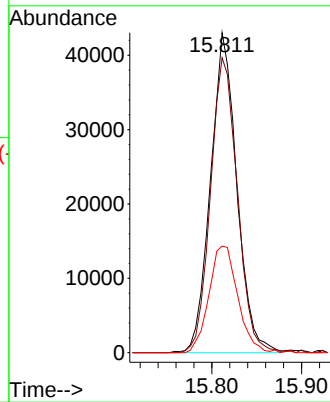
Tgt Ion:180 Resp: 87549
Ion Ratio Lower Upper
180 100
182 94.0 74.6 112.0
145 36.4 27.2 40.8

Manual Integrations
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Reviewed By :John
Carlone

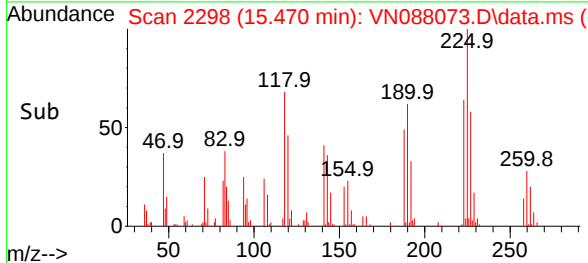
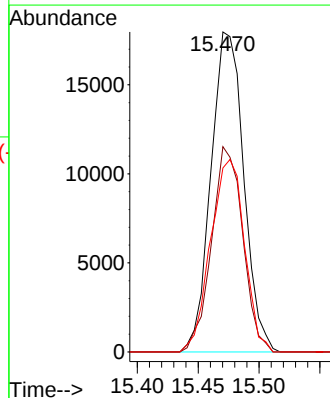
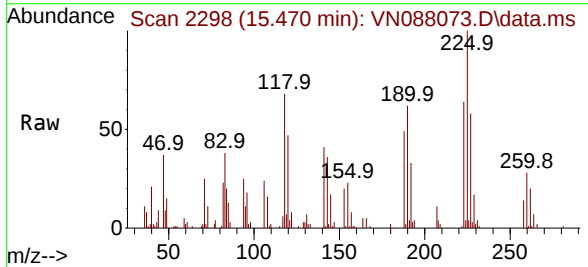
10/21/2025
Supervised By :Semsettin
Yesilyurt

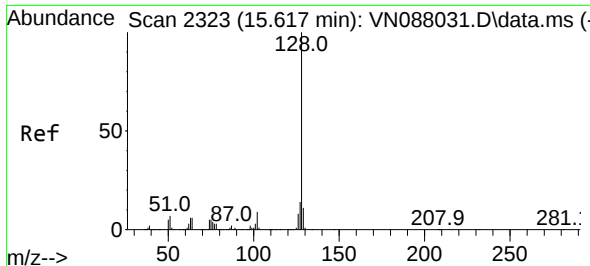
10/21/2025



#90
Hexachlorobutadiene
Concen: 20.315 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

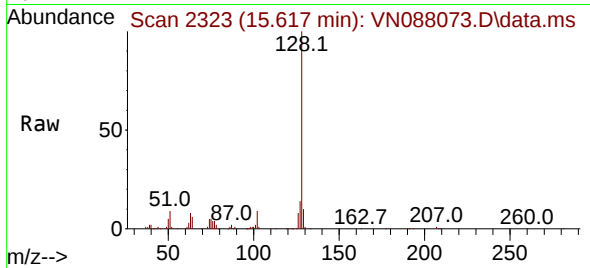
Tgt Ion:225 Resp: 33672
Ion Ratio Lower Upper
225 100
223 61.0 0.0 129.6
227 62.0 0.0 132.2





#91
Naphthalene
Concen: 18.734 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBS01



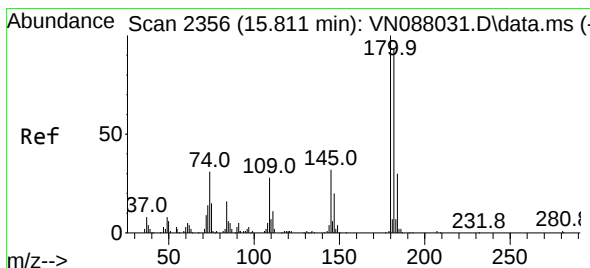
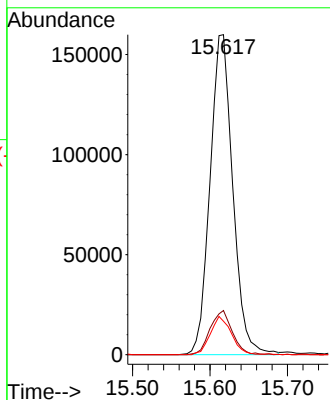
Tgt Ion:128 Resp: 32663
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
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Reviewed By :John
Carlone

10/21/2025
Supervised By :Semsettin
Yesilyurt

10/21/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.383 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088073.D
Acq: 20 Oct 2025 09:26

Tgt Ion:180 Resp: 87549
Ion Ratio Lower Upper
180 100
182 94.0 0.0 186.6
145 36.4 0.0 68.0

