

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112625\
 Data File : VN088362.D
 Acq On : 26 Nov 2025 09:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Nov 27 00:07:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N11325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

12/01/2025
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Bromochloromethane	7.800	128	55632	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	271784	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	250226	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	139010	27.355	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.200%
60) 4-Bromofluorobenzene	12.829	95	120703	28.535	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.133%
63) Toluene-d8	10.547	98	351022	29.631	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.767%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	68749	17.580	ug/l	98
3) Chloromethane	2.383	50	77515	19.225	ug/l	98
4) Vinyl Chloride	2.536	62	76223	17.879	ug/l	98
5) Bromomethane	2.989	94	41266	18.153	ug/l	82
6) Chloroethane	3.142	64	50538	19.178	ug/l	100
7) Trichlorofluoromethane	3.518	101	106214	17.770	ug/l	92
8) Diethyl Ether	3.965	74	42236	18.906	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	56933	18.156	ug/l	58
10) 1,1-Dichloroethene	4.342	96	57820	18.901	ug/l	95
11) Methyl Iodide	4.583	142	58343	17.921	ug/l #	85
12) Methyl Acetate	5.024	43	99940	20.250	ug/l	95
13) Acrolein	4.183	56	104221	143.531	ug/l	99
14) Acrylonitrile	5.712	53	219426	97.846	ug/l	100
15) Acetone	4.430	58	43428	66.221	ug/l	74
16) Carbon Disulfide	4.712	76	180943	17.538	ug/l	99
17) Allyl chloride	5.018	41	107618	18.103	ug/l	95
18) Methylene Chloride	5.265	84	74539	19.603	ug/l	87
19) trans-1,2-Dichloroethene	5.783	96	68943	19.354	ug/l	95
20) Diisopropyl ether	6.653	45	244915	19.280	ug/l	95
21) 1,1-Dichloroethane	6.553	63	138551	19.359	ug/l	97
22) cis-1,2-Dichloroethene	7.465	96	80195	19.370	ug/l	96
23) tert-Butyl Alcohol	5.512	59	73998	89.737	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	234535	19.015	ug/l	98
25) Chloroform	7.947	83	142895	20.150	ug/l	94
26) Cyclohexane	8.235	56	103957	17.197	ug/l #	87
29) 1,1-Dichloropropene	8.353	75	89303	19.693	ug/l	100
30) 2-Butanone	7.471	43	266651	90.901	ug/l	98
31) 2,2-Dichloropropane	7.471	77	114866	20.537	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	114753	20.527	ug/l	98
33) Carbon Tetrachloride	8.341	117	92638	19.405	ug/l	98
34) Benzene	8.588	78	290714	21.447	ug/l	97
35) Methacrylonitrile	7.765	41	67611	22.097	ug/l	97
36) 1,2-Dichloroethane	8.647	62	114295	21.666	ug/l #	87
37) Trichloroethene	9.335	130	68935	22.442	ug/l	96
38) Methylcyclohexane	9.576	83	90896	17.483	ug/l	99
39) 1,2-Dichloropropane	9.600	63	76553	21.890	ug/l	96
40) Dibromomethane	9.688	93	54761	21.794	ug/l	96
41) Bromodichloromethane	9.871	83	110325	21.811	ug/l	99
42) Vinyl Acetate	6.588	43	983030	100.405	ug/l	98

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Quant Time: Nov 27 00:07:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

12/01/2025
 Supervised By :Semsettin
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	124467	21.088	ug/l	98
44) Isopropyl Acetate	8.671	43	199813	21.967	ug/l	100
45) 1,4-Dioxane	9.682	88	23714	432.934	ug/l #	84
46) Methyl methacrylate	9.659	41	89006	20.911	ug/l	97
47) n-amyl Acetate	12.682	43	111270m	24.141	ug/l	
48) t-1,3-Dichloropropene	10.818	75	112123	20.725	ug/l	97
49) cis-1,3-Dichloropropene	10.294	75	120773	21.455	ug/l	98
50) 1,1,2-Trichloroethane	10.994	97	68438	22.027	ug/l	94
51) Ethyl methacrylate	10.859	69	105437	20.626	ug/l	95
52) 1,3-Dichloropropane	11.141	76	125563	22.191	ug/l	100
53) Dibromochloromethane	11.335	129	81241	22.764	ug/l	100
54) 1,2-Dibromoethane	11.447	107	69695	21.590	ug/l	99
55) 2-Chloroethyl vinyl ether	10.141	63	290870	98.782	ug/l	97
56) Bromoform	12.559	173	47619	21.081	ug/l	98
58) 4-Methyl-2-Pentanone	10.424	43	619105	109.392	ug/l	99
59) 2-Hexanone	11.176	43	362155	96.368	ug/l	99
61) Tetrachloroethene	11.082	164	64048	24.826	ug/l	96
62) Toluene	10.612	91	300039	20.895	ug/l	99
64) Chlorobenzene	11.870	112	186564	20.978	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.935	131	65293	21.450	ug/l	96
66) Ethyl Benzene	11.941	91	313805	19.828	ug/l	97
67) m/p-Xylenes	12.053	106	240221	40.589	ug/l	99
68) o-Xylene	12.376	106	113606	20.348	ug/l	92
69) Styrene	12.388	104	193603	20.417	ug/l	98
70) Isopropylbenzene	12.676	105	285015	19.263	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.917	83	98385	20.528	ug/l	100
72) 1,2,3-Trichloropropane	12.976	75	88921m	19.151	ug/l	
73) Bromobenzene	12.959	156	71015	21.260	ug/l	94
74) n-propylbenzene	13.012	91	348765	19.047	ug/l	98
75) 2-Chlorotoluene	13.106	91	209465	18.813	ug/l	98
76) 1,3,5-Trimethylbenzene	13.153	105	237475	19.121	ug/l	98
77) t-1,4-Dichloro-2-butene	12.717	75	31153	19.538	ug/l	79
78) 4-Chlorotoluene	13.200	91	211618	18.755	ug/l	92
79) tert-butylbenzene	13.412	119	197074	18.534	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	244467	19.795	ug/l	99
81) sec-Butylbenzene	13.594	105	285537	18.411	ug/l	100
82) p-Isopropyltoluene	13.706	119	235745	18.395	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	133601	20.586	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	137161	20.869	ug/l	95
85) n-Butylbenzene	14.035	91	219592	17.979	ug/l	100
86) Hexachloroethane	14.311	117	42543	17.338	ug/l	96
87) 1,2-Dichlorobenzene	14.082	146	126912	20.718	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.700	75	21368	18.968	ug/l	95
89) 1,2,4-Trichlorobenzene	15.811	180	69463	20.207	ug/l	98
90) Hexachlorobutadiene	15.470	225	25121	18.817	ug/l	96
91) Naphthalene	15.611	128	248008	19.939	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	69463	20.207	ug/l	98

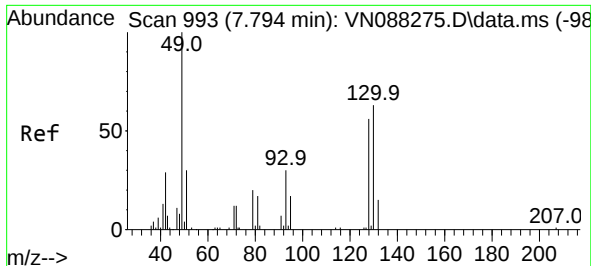
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

12/01/2025
Supervised By :Semsettin
Yesilyurt

12/01/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

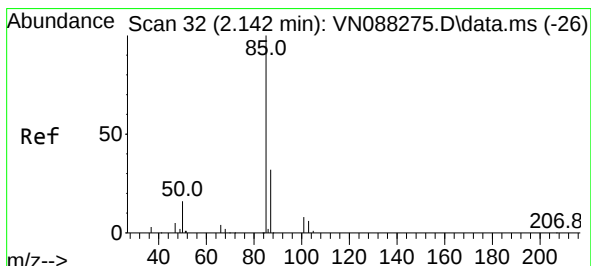
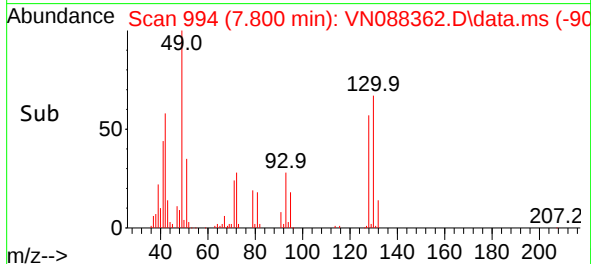
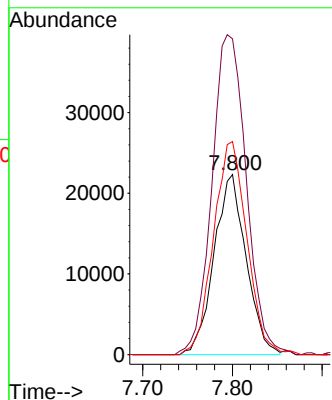
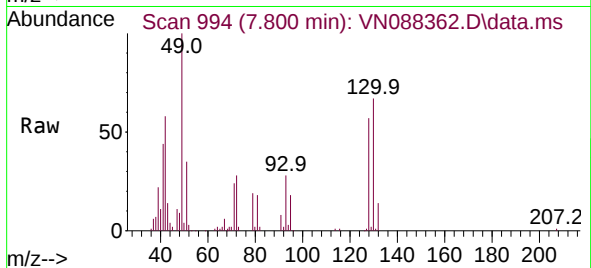
Tgt Ion:128 Resp: 55632
Ion Ratio Lower Upper
128 100
49 190.1 0.0 501.2
130 123.0 0.0 320.2

Manual Integrations
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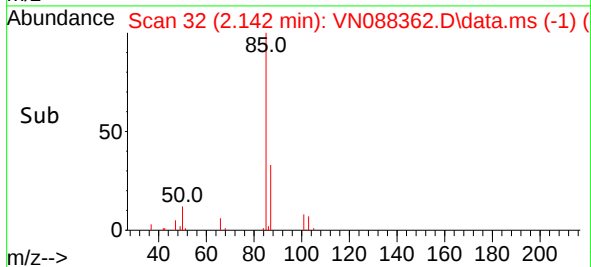
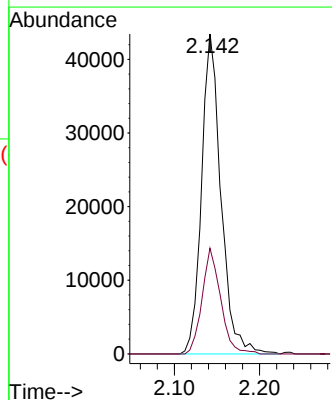
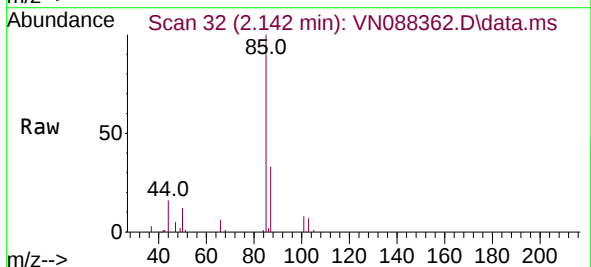
12/01/2025
Supervised By :Semsettin
Yesilyurt

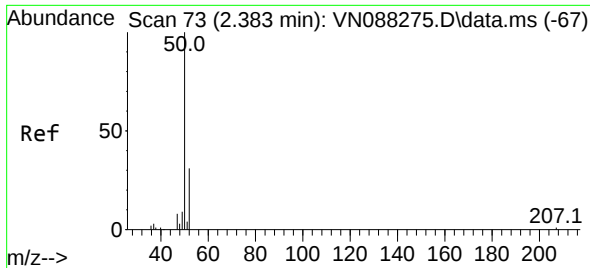
12/01/2025



#2
Dichlorodifluoromethane
Concen: 17.580 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion: 85 Resp: 68749
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0





#3
Chloromethane
Concen: 19.225 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

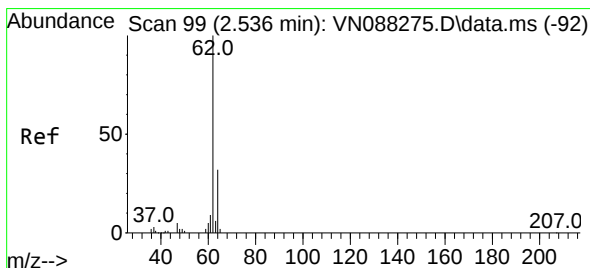
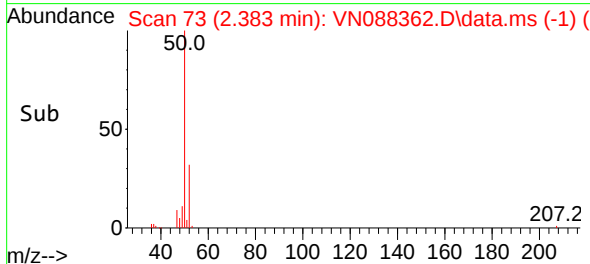
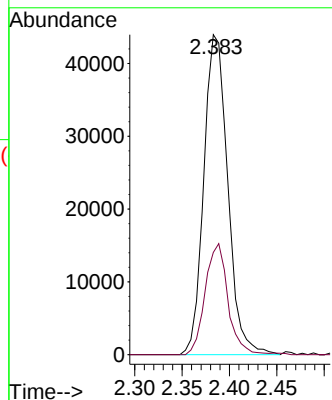
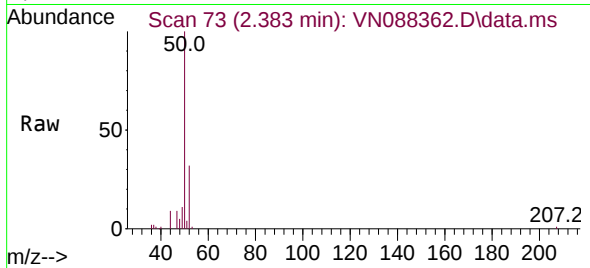
Tgt Ion: 50 Resp: 77515
Ion Ratio Lower Upper
50 100
52 31.9 24.6 36.8

Manual Integrations
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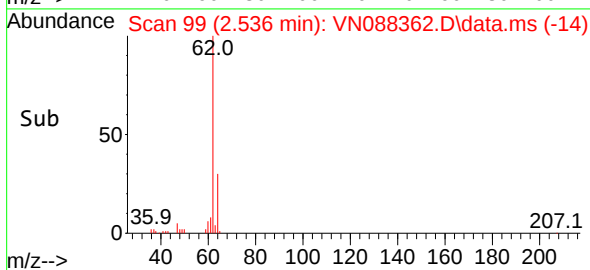
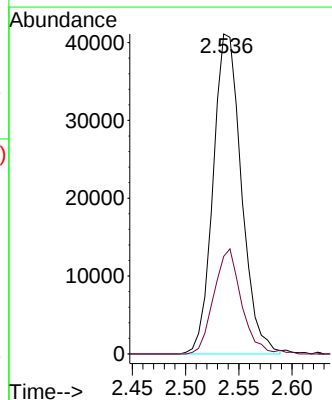
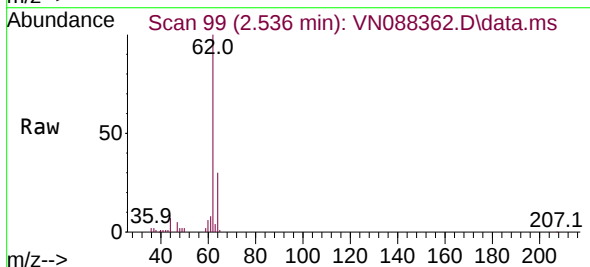
12/01/2025
Supervised By :Semsettin
Yesilyurt

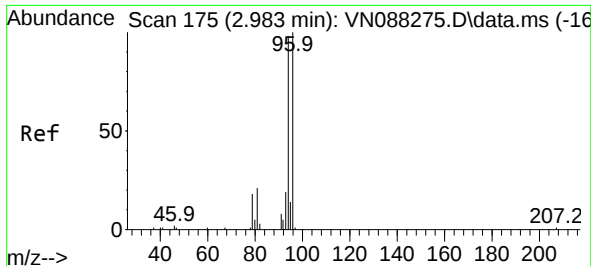
12/01/2025



#4
Vinyl Chloride
Concen: 17.879 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

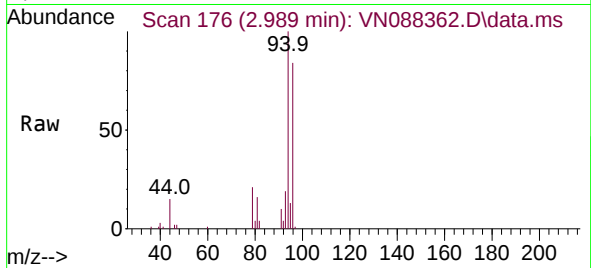
Tgt Ion: 62 Resp: 76223
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.2





#5
Bromomethane
Concen: 18.153 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
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ClientSampleId :
VSTDCCC020



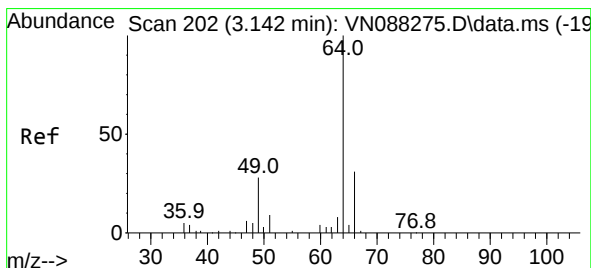
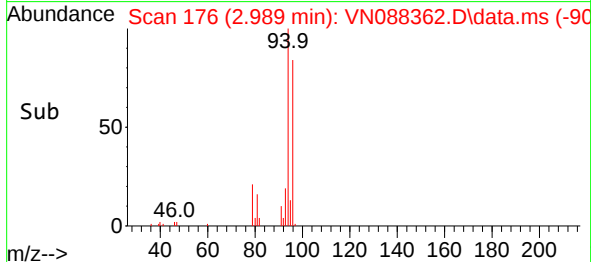
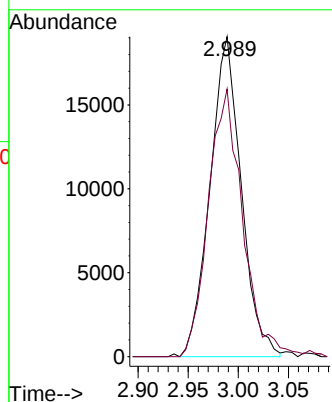
Tgt Ion: 94 Resp: 41266
Ion Ratio Lower Upper
94 100
96 83.6 81.3 121.9

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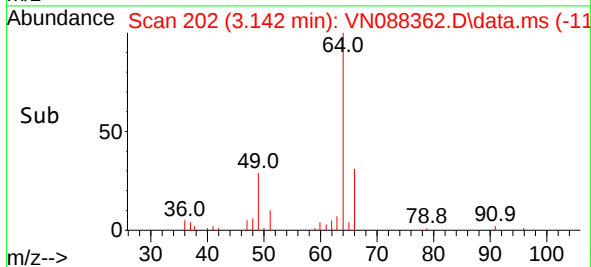
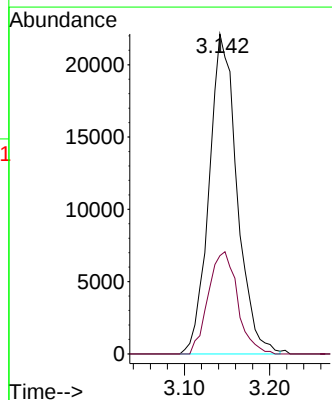
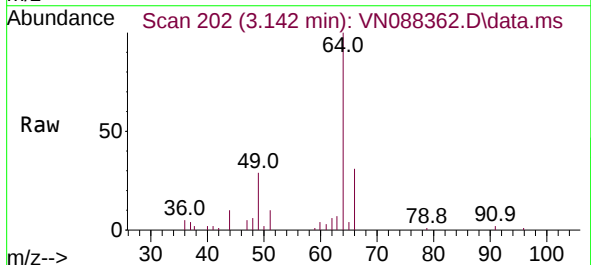
12/01/2025
Supervised By :Semsettin
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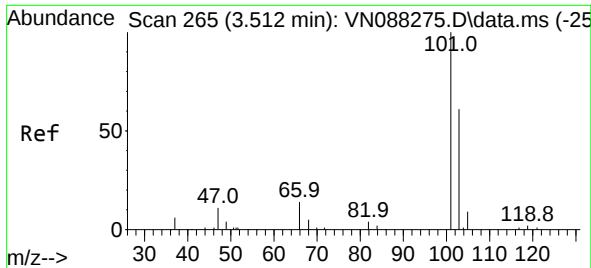
12/01/2025



#6
Chloroethane
Concen: 19.178 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

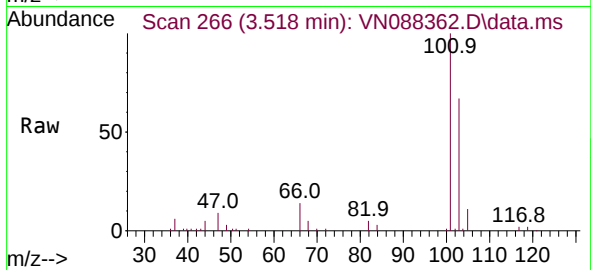
Tgt Ion: 64 Resp: 50538
Ion Ratio Lower Upper
64 100
66 30.7 24.7 37.1





#7
Trichlorofluoromethane
Concen: 17.770 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
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VSTDCCC020



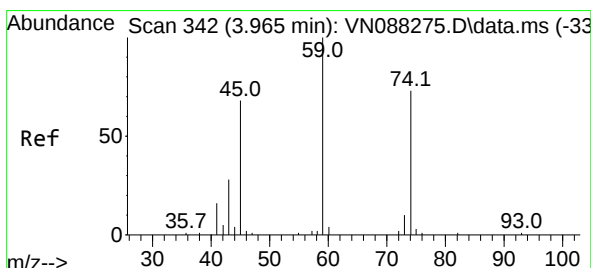
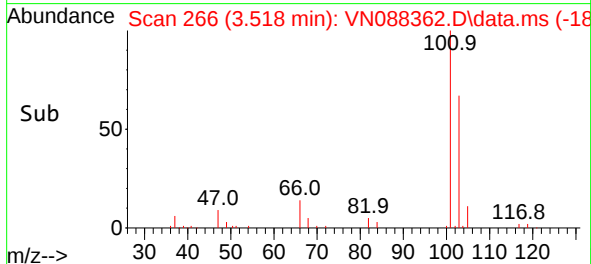
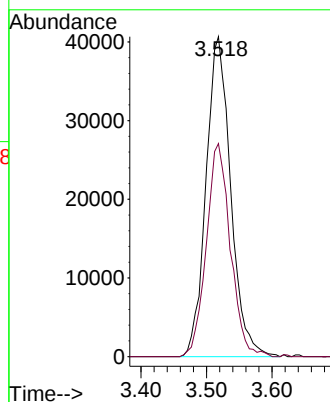
Tgt Ion:101 Resp: 106214
Ion Ratio Lower Upper
101 100
103 66.6 48.6 73.0

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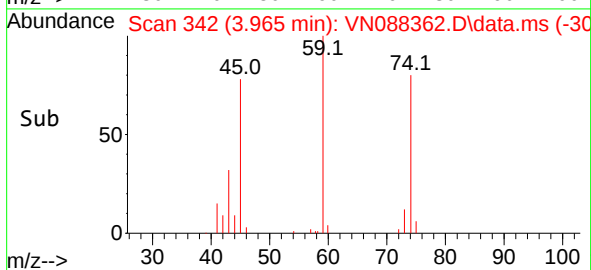
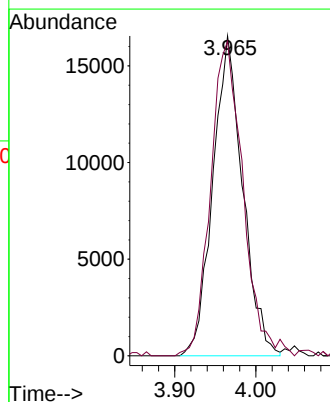
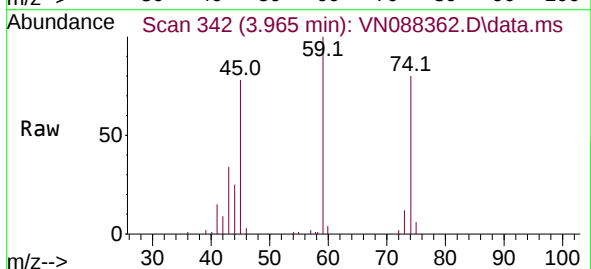
12/01/2025
Supervised By :Semsettin
Yesilyurt

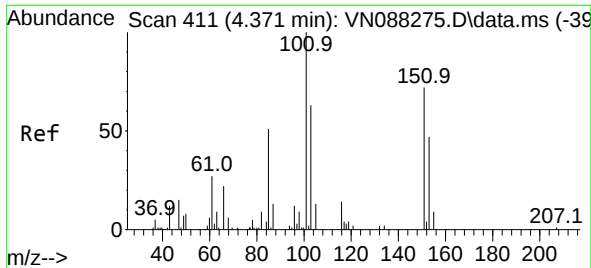
12/01/2025



#8
Diethyl Ether
Concen: 18.906 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion: 74 Resp: 42236
Ion Ratio Lower Upper
74 100
45 105.6 20.9 187.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.156 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

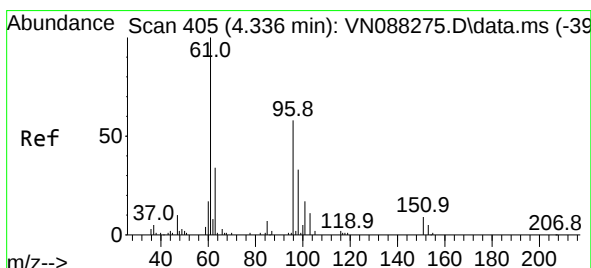
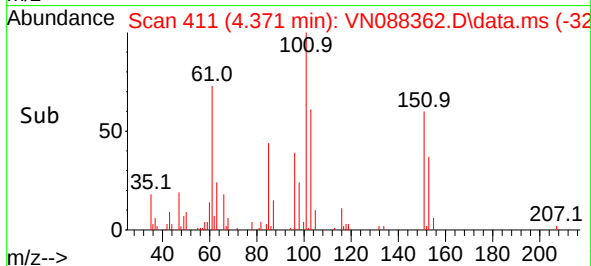
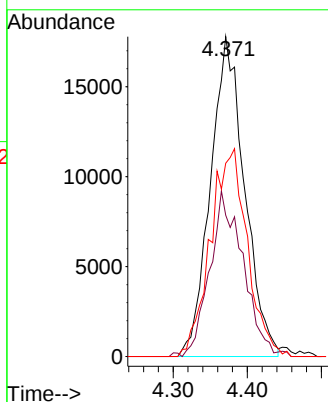
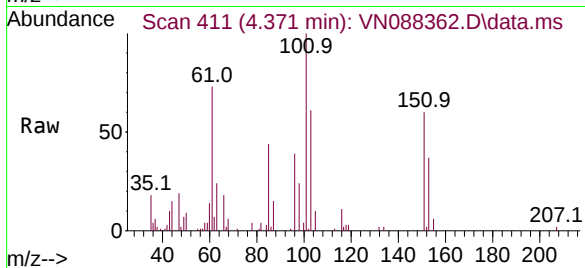
Tgt Ion:101 Resp: 56933
Ion Ratio Lower Upper
101 100
85 30.4 0.0 100.8
151 26.7 0.0 138.4

Manual Integrations
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Carlone

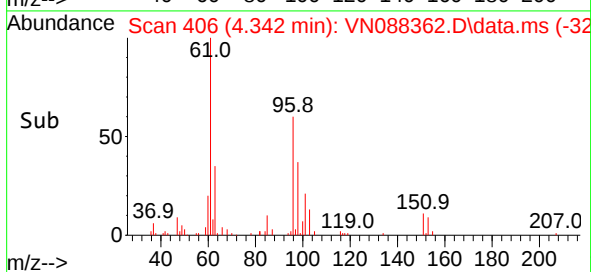
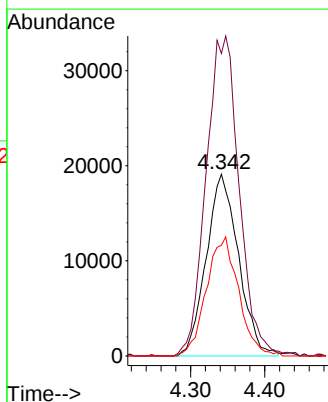
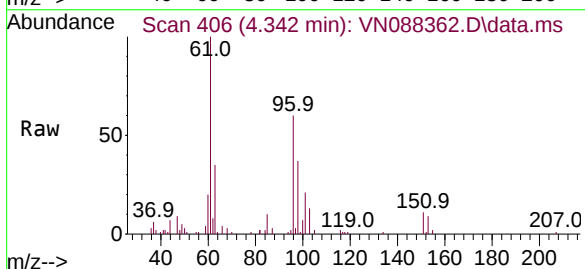
12/01/2025
Supervised By :Semsettin
Yesilyurt

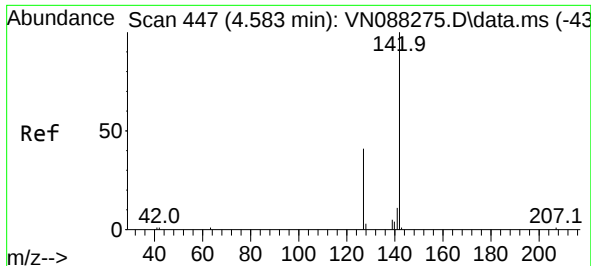
12/01/2025



#10
1,1-Dichloroethene
Concen: 18.901 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

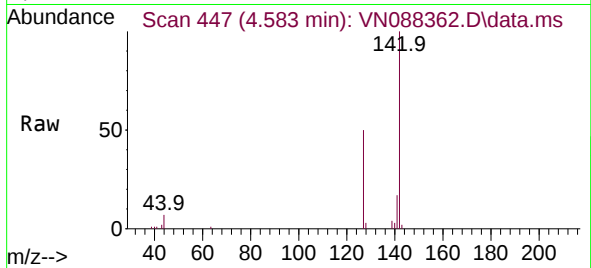
Tgt Ion: 96 Resp: 57820
Ion Ratio Lower Upper
96 100
61 165.1 137.8 206.8
98 60.0 45.6 68.4





#11
Methyl Iodide
Concen: 17.921 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



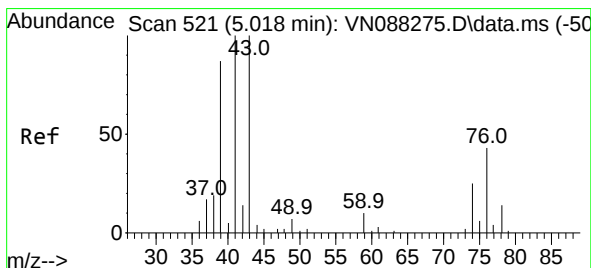
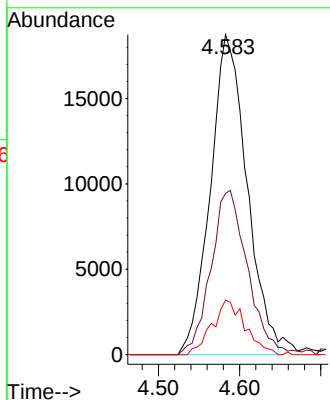
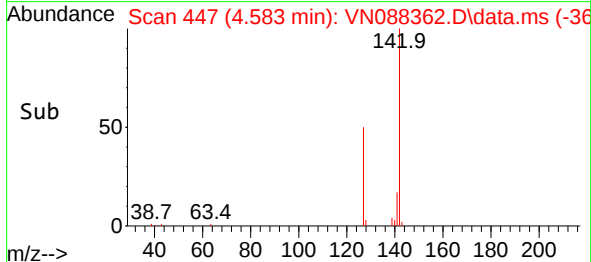
Tgt Ion:142 Resp: 58343
Ion Ratio Lower Upper
142 100
127 50.3 20.4 61.2
141 17.4 5.6 16.8

Manual Integrations
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Reviewed By :John
Carlone

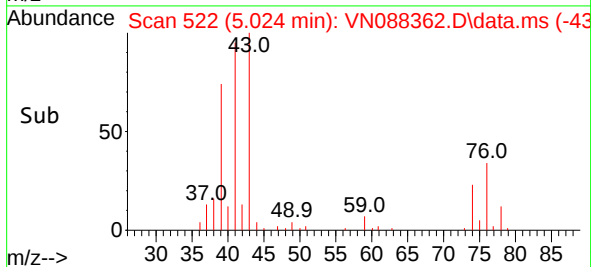
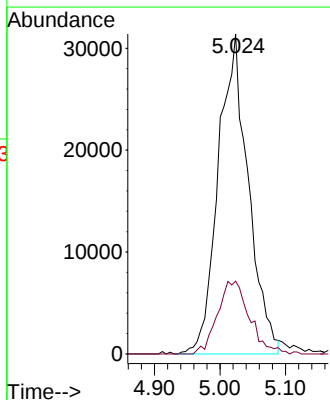
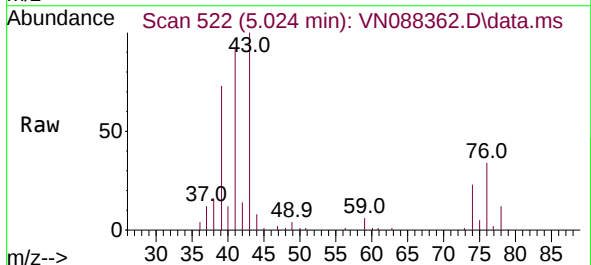
12/01/2025
Supervised By :Semsettin
Yesilyurt

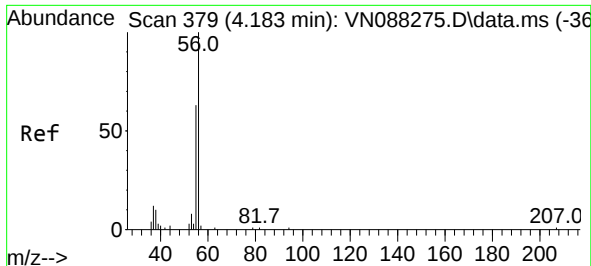
12/01/2025



#12
Methyl Acetate
Concen: 20.250 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

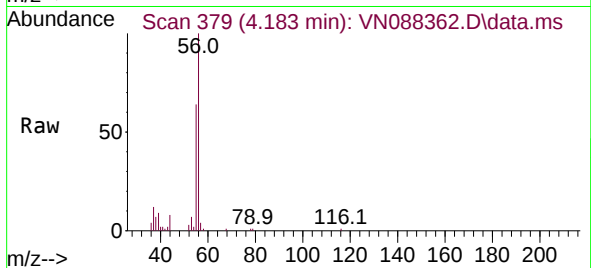
Tgt Ion: 43 Resp: 99940
Ion Ratio Lower Upper
43 100
74 22.2 19.8 29.8





#13
Acrolein
Concen: 143.531 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



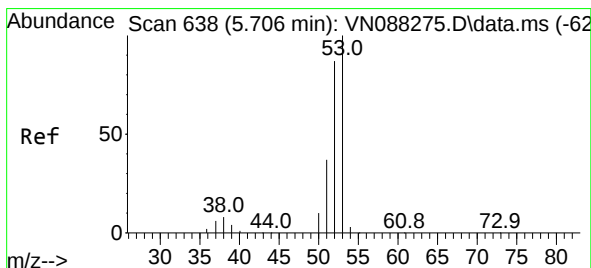
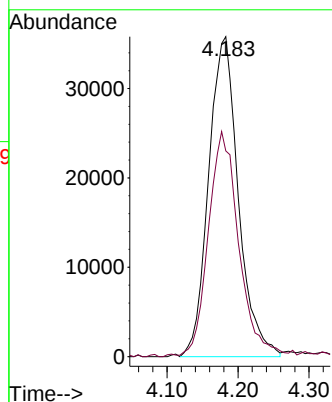
Tgt Ion: 56 Resp: 10422
Ion Ratio Lower Upper
56 100
55 71.7 57.9 86.9

Manual Integrations
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Reviewed By :John
Carlone

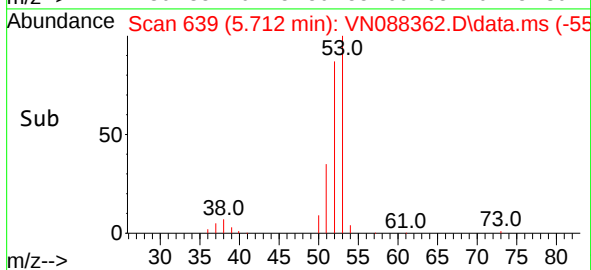
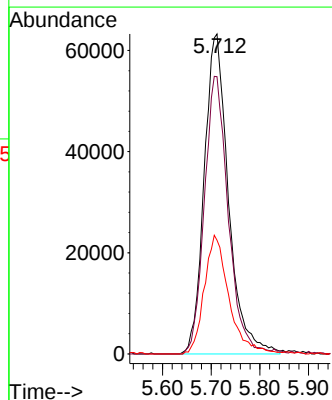
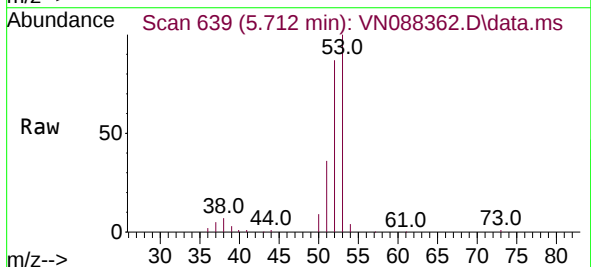
12/01/2025
Supervised By :Semsettin
Yesilyurt

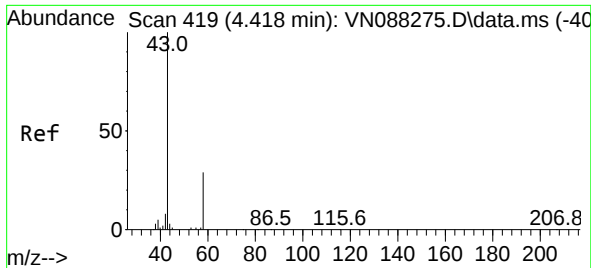
12/01/2025



#14
Acrylonitrile
Concen: 97.846 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion: 53 Resp: 219426
Ion Ratio Lower Upper
53 100
52 84.0 42.3 126.9
51 36.7 18.4 55.2





#15
Acetone
Concen: 66.221 ug/l
RT: 4.430 min Scan# 419
Delta R.T. 0.012 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

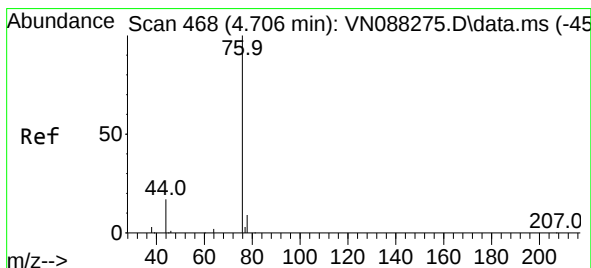
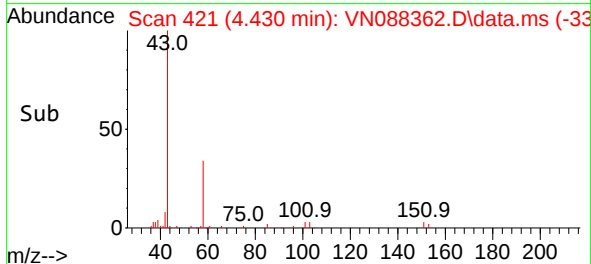
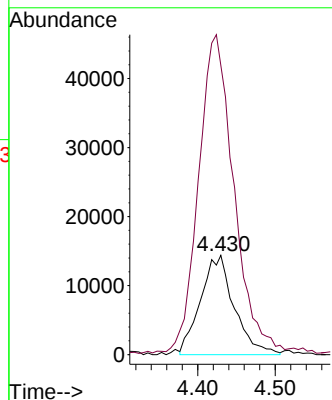
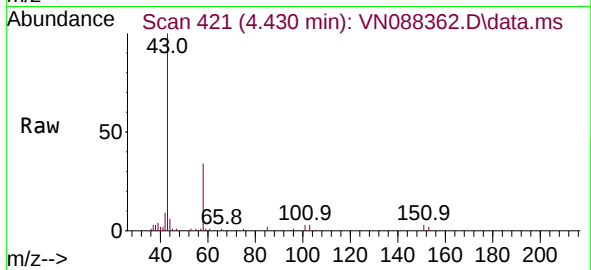
Tgt Ion: 58 Resp: 43428
Ion Ratio Lower Upper
58 100
43 286.9 273.9 410.9

Manual Integrations
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Reviewed By :John
Carlone

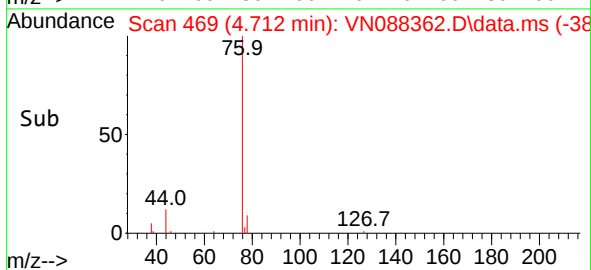
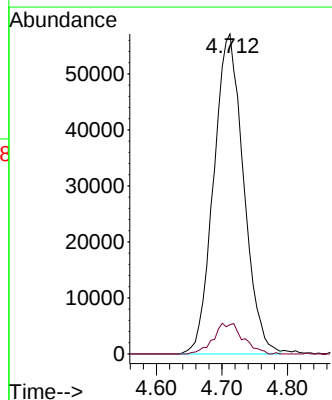
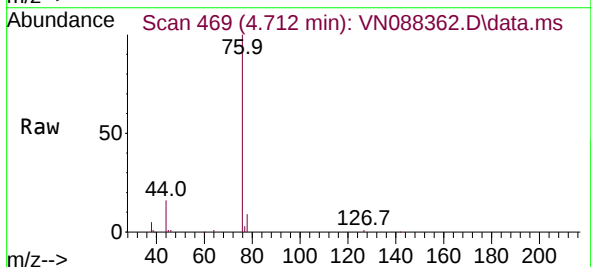
12/01/2025
Supervised By :Semsettin
Yesilyurt

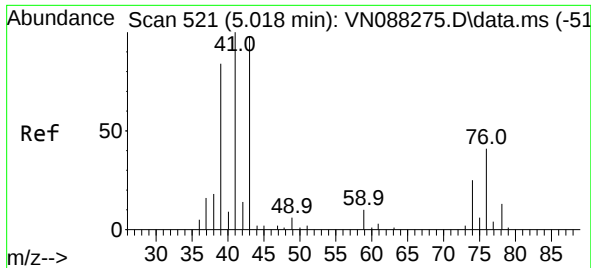
12/01/2025



#16
Carbon Disulfide
Concen: 17.538 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion: 76 Resp: 180943
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#17
 Allyl chloride
 Concen: 18.103 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN088362.D
 Acq: 26 Nov 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

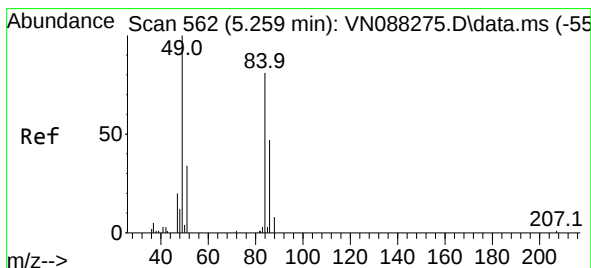
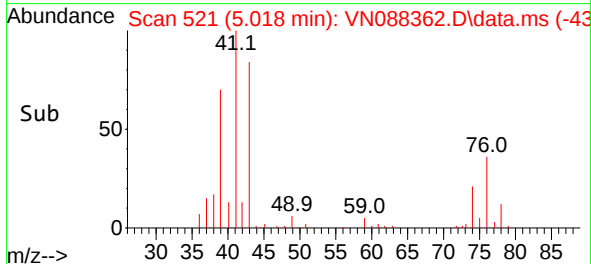
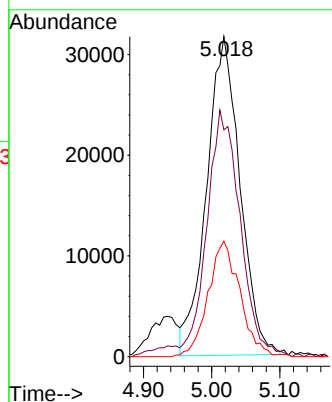
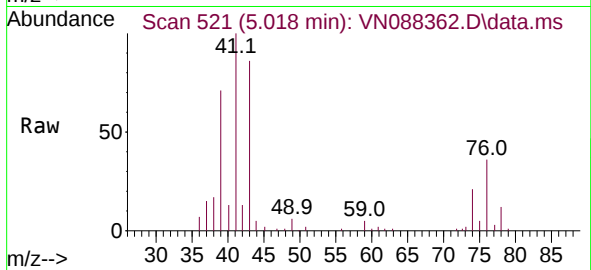
Tgt Ion: 41 Resp: 107618
 Ion Ratio Lower Upper
 41 100
 39 70.2 38.3 114.9
 76 36.1 18.5 55.5

Manual Integrations
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Reviewed By :John
 Carlone

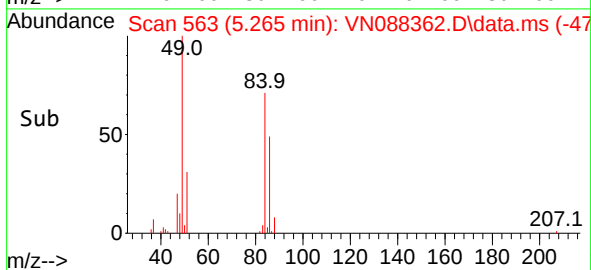
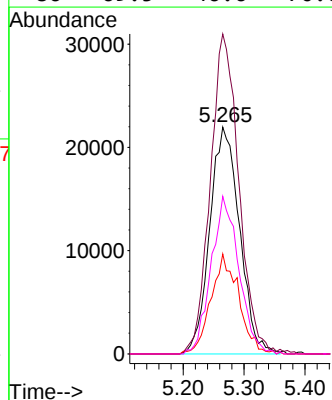
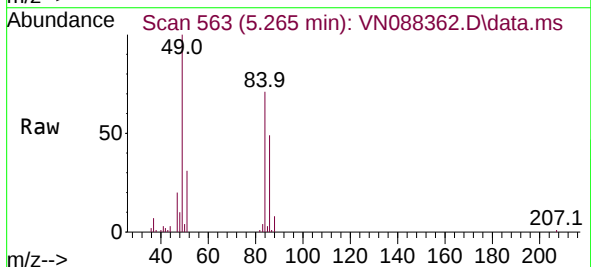
12/01/2025
 Supervised By :Semsettin
 Yesilyurt

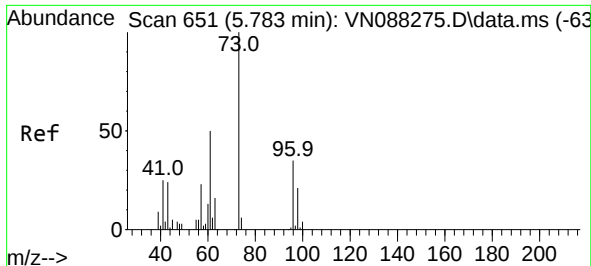
12/01/2025



#18
 Methylene Chloride
 Concen: 19.603 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: VN088362.D
 Acq: 26 Nov 2025 09:06

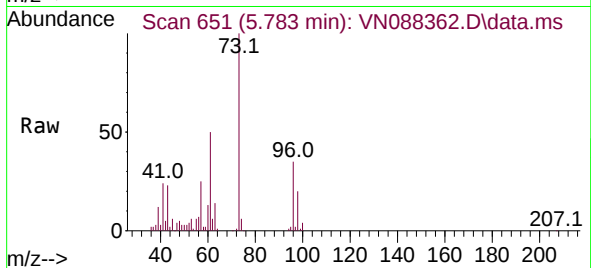
Tgt Ion: 84 Resp: 74539
 Ion Ratio Lower Upper
 84 100
 49 141.1 98.7 148.1
 51 44.0 33.7 50.5
 86 69.5 46.6 70.0





#19
trans-1,2-Dichloroethene
Concen: 19.354 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



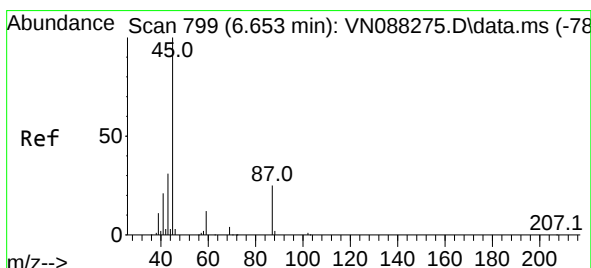
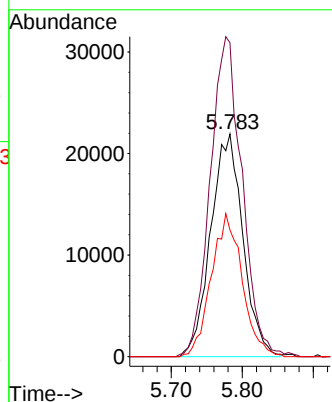
Tgt Ion: 96 Resp: 68943
Ion Ratio Lower Upper
96 100
61 140.0 117.0 175.4
98 56.9 48.6 72.8

Manual Integrations
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Reviewed By :John
Carlone

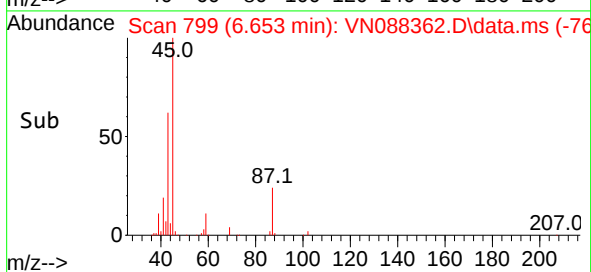
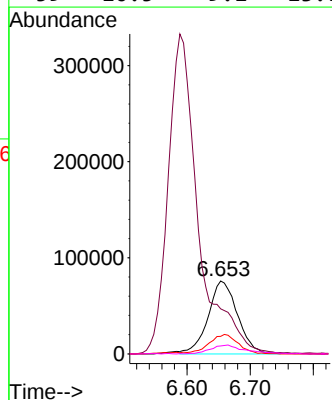
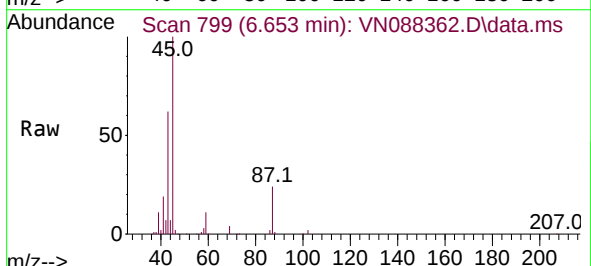
12/01/2025
Supervised By :Semsettin
Yesilyurt

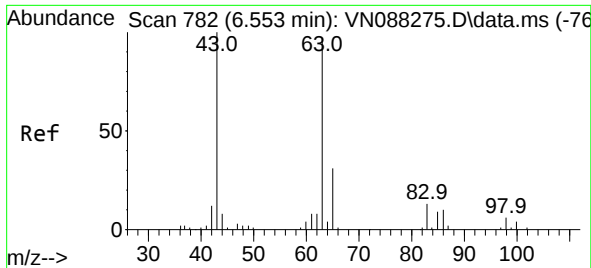
12/01/2025



#20
Diisopropyl ether
Concen: 19.280 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion: 45 Resp: 244915
Ion Ratio Lower Upper
45 100
43 60.4 51.9 77.9
87 24.3 21.1 31.7
59 10.5 9.1 13.7





#21
1,1-Dichloroethane
Concen: 19.359 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

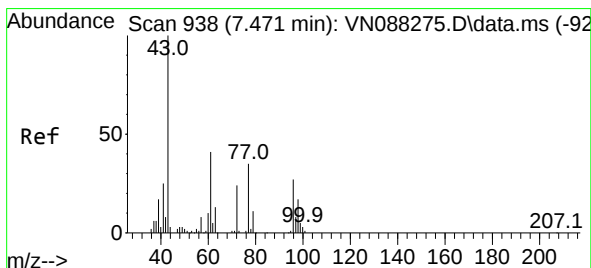
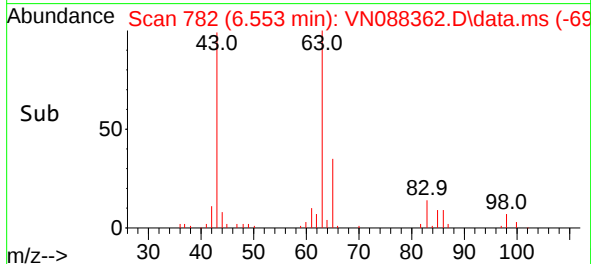
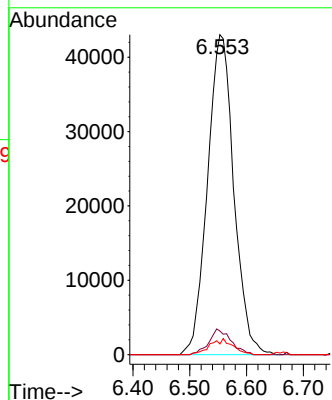
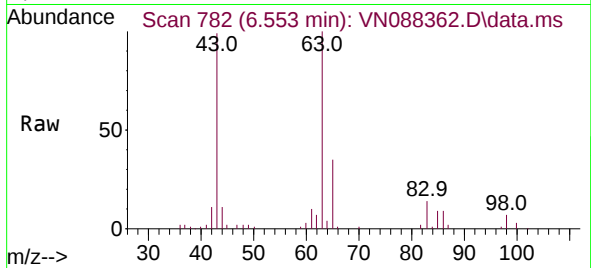
Tgt Ion: 63 Resp: 13855
Ion Ratio Lower Upper
63 100
98 7.4 3.0 9.0
100 3.3 2.1 6.3

Manual Integrations
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Reviewed By :John
Carlone

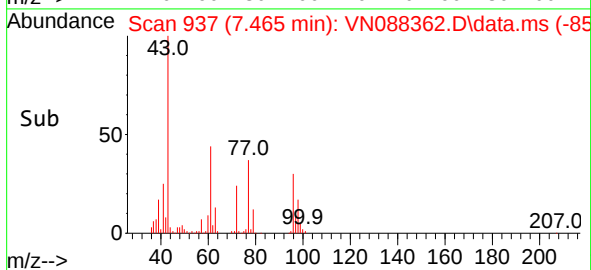
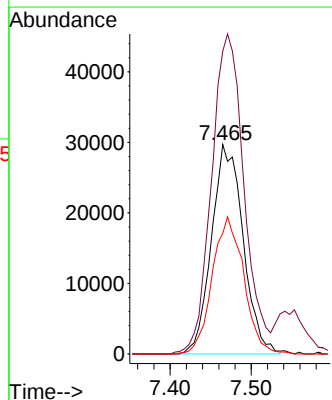
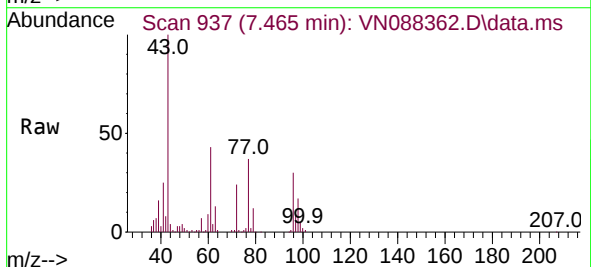
12/01/2025
Supervised By :Semsettin
Yesilyurt

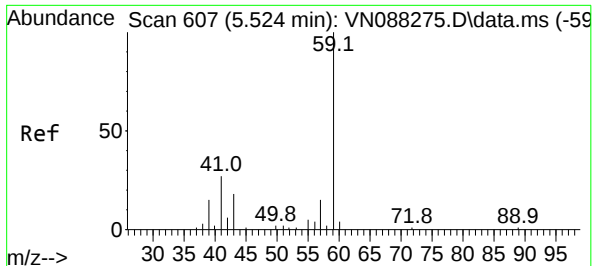
12/01/2025



#22
cis-1,2-Dichloroethene
Concen: 19.370 ug/l
RT: 7.465 min Scan# 937
Delta R.T. -0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

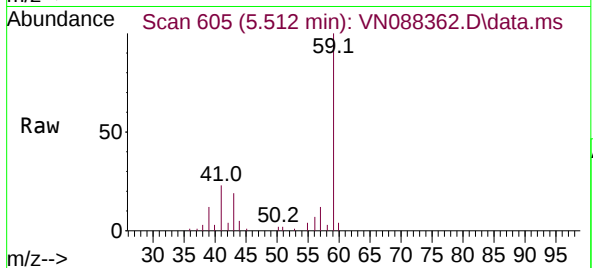
Tgt Ion: 96 Resp: 80195
Ion Ratio Lower Upper
96 100
61 157.2 131.2 196.8
98 65.2 51.0 76.4





#23
tert-Butyl Alcohol
Concen: 89.737 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



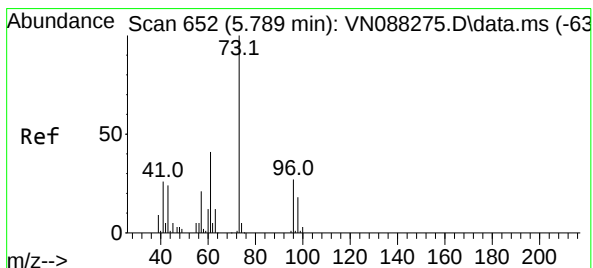
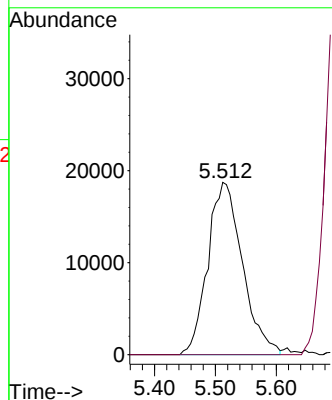
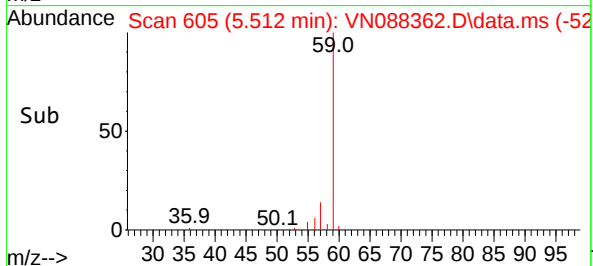
Tgt Ion: 59 Resp: 73998
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

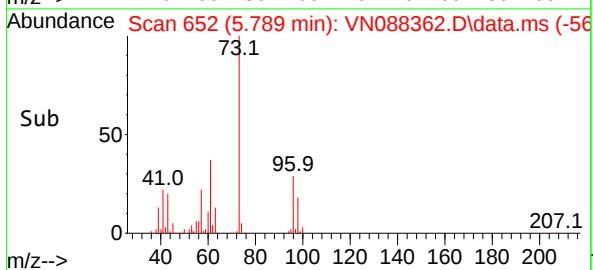
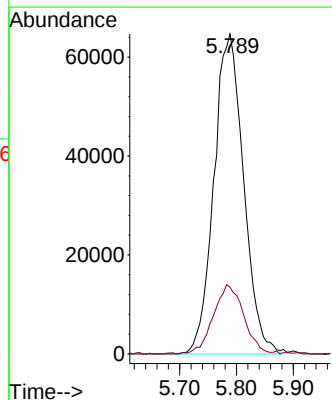
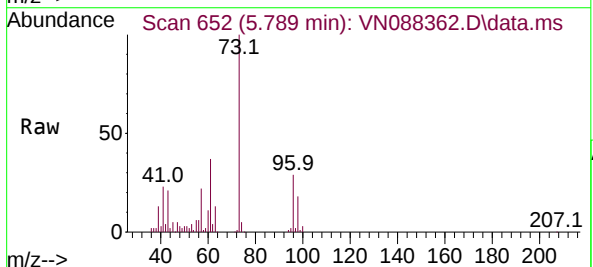
12/01/2025
Supervised By :Semsettin
Yesilyurt

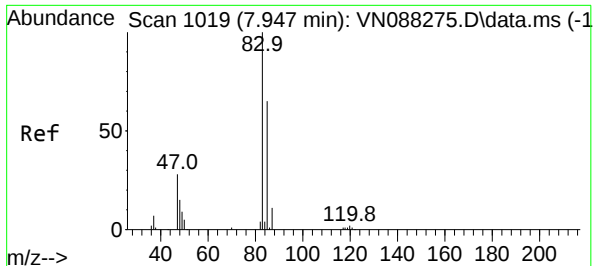
12/01/2025



#24
Methyl tert-Butyl Ether
Concen: 19.015 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion: 73 Resp: 234535
Ion Ratio Lower Upper
73 100
43 21.9 18.5 27.7





#25

Chloroform

Concen: 20.150 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088362.D

Acq: 26 Nov 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 83 Resp: 142895

Ion Ratio Lower Upper

83 100

85 60.9 52.2 78.4

Manual Integrations

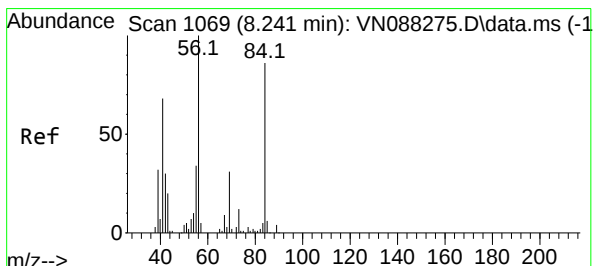
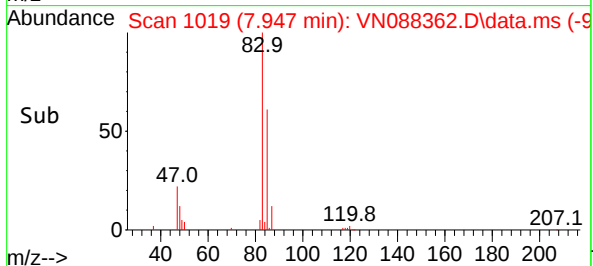
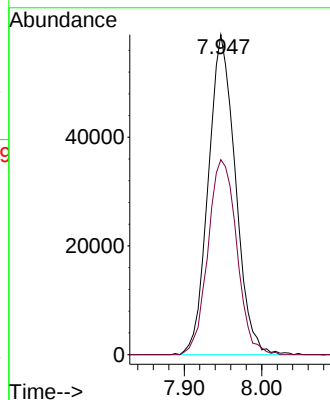
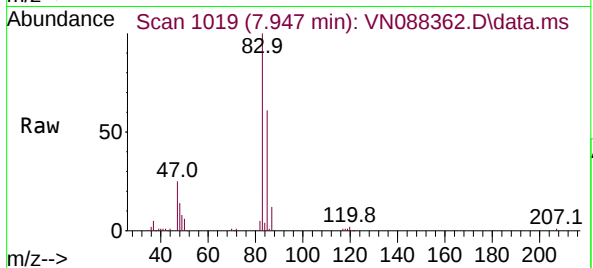
APPROVED

Reviewed By :John
Carlone

12/01/2025

Supervised By :Semsettin
Yesilyurt

12/01/2025



#26

Cyclohexane

Concen: 17.197 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VN088362.D

Acq: 26 Nov 2025 09:06

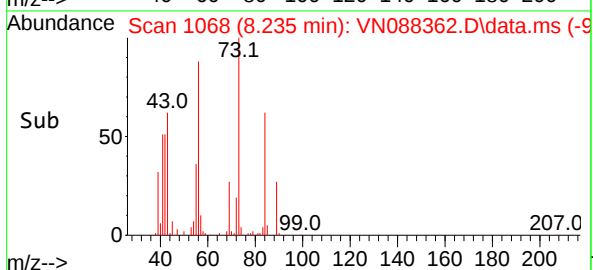
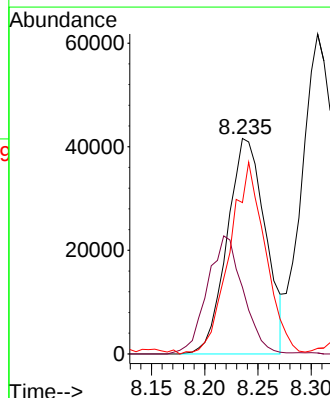
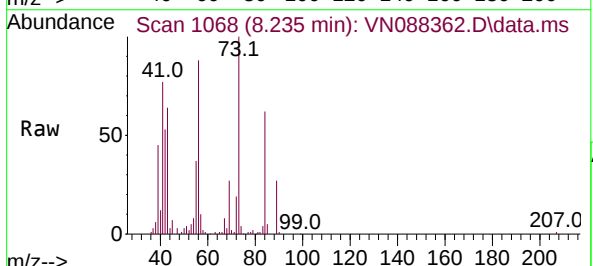
Tgt Ion: 56 Resp: 103957

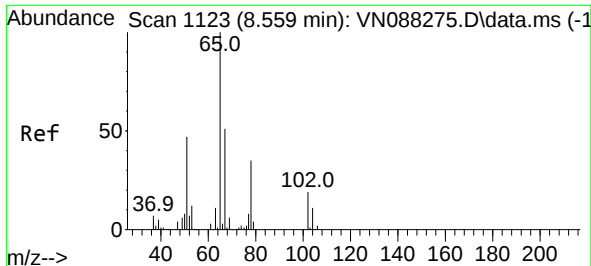
Ion Ratio Lower Upper

56 100

89 51.3 7.3 10.9#

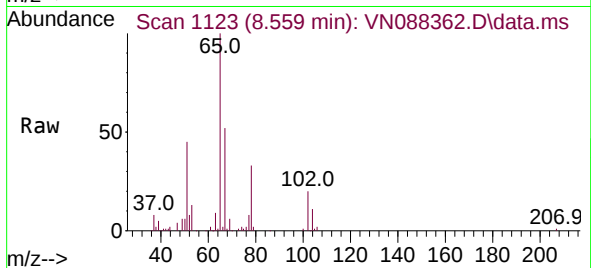
84 83.4 67.8 101.8





#27
1,2-Dichloroethane-d4
Concen: 27.355 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



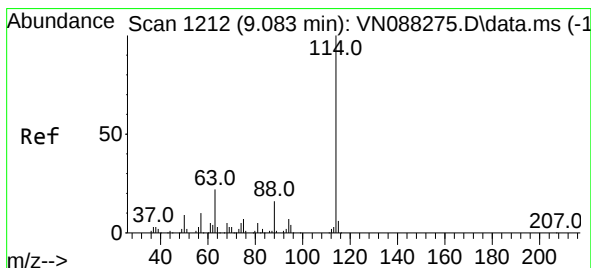
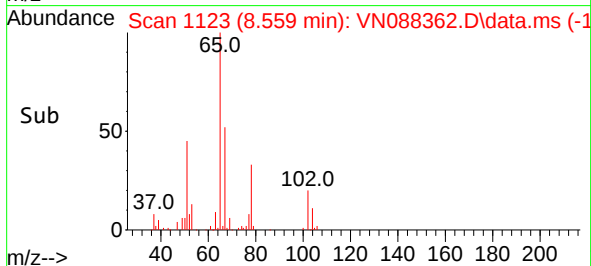
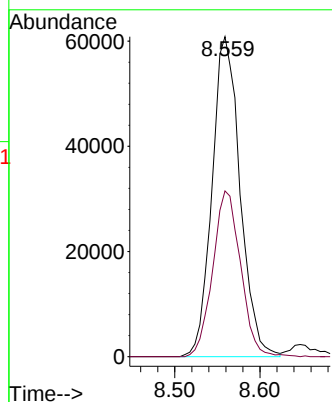
Tgt Ion: 65 Resp: 139010
Ion Ratio Lower Upper
65 100
67 51.1 40.2 60.2

Manual Integrations
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Reviewed By :John
Carlone

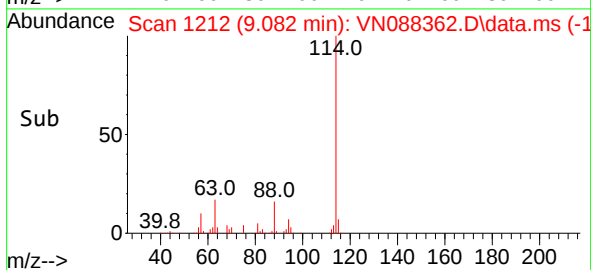
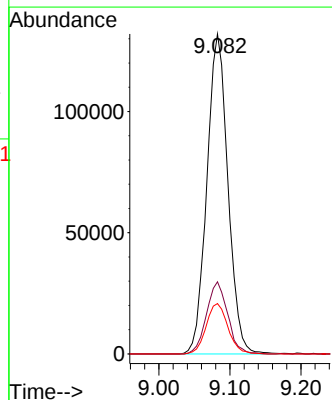
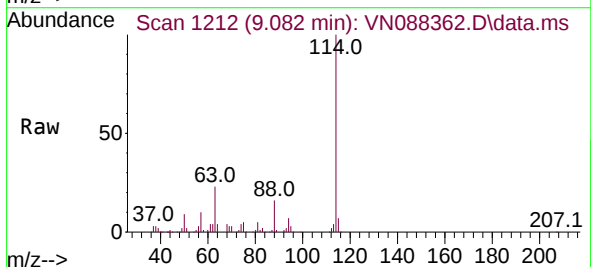
12/01/2025
Supervised By :Semsettin
Yesilyurt

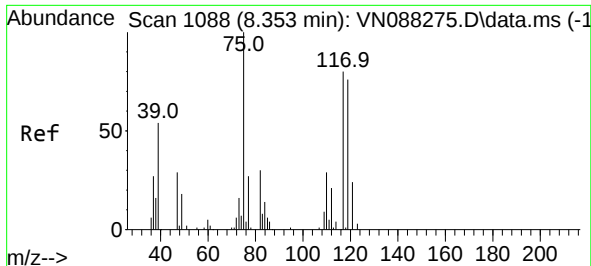
12/01/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

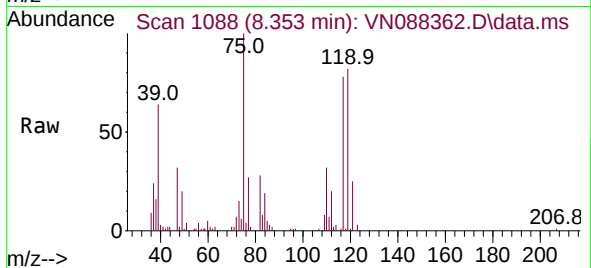
Tgt Ion:114 Resp: 271784
Ion Ratio Lower Upper
114 100
63 22.6 18.9 28.3
88 16.2 12.8 19.2





#29
1,1-Dichloropropene
Concen: 19.693 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



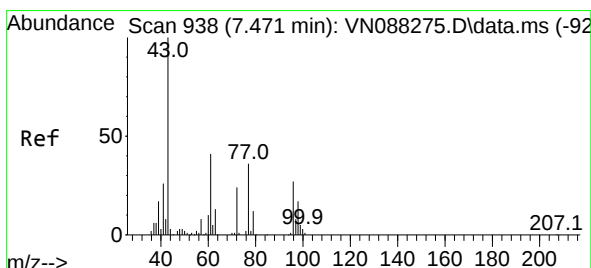
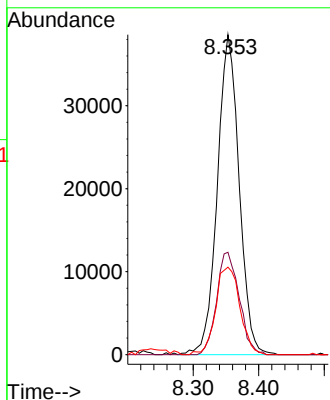
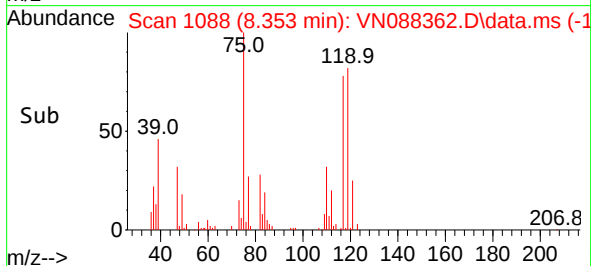
Tgt Ion: 75 Resp: 89303
Ion Ratio Lower Upper
75 100
110 33.0 0.0 65.6
77 30.2 0.0 60.8

Manual Integrations
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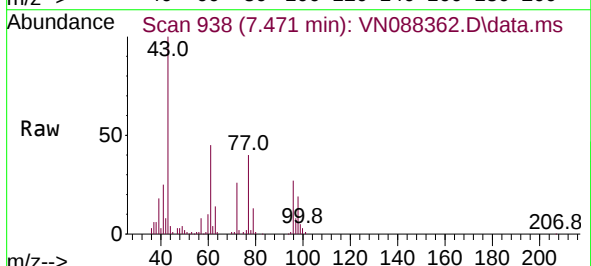
Reviewed By :John
Carlone

12/01/2025
Supervised By :Semsettin
Yesilyurt

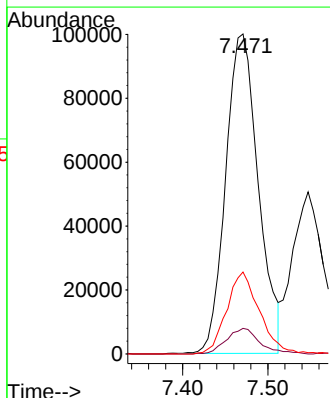
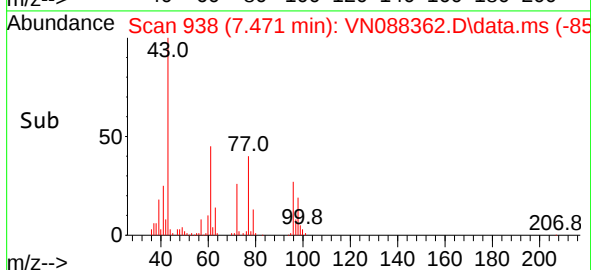
12/01/2025

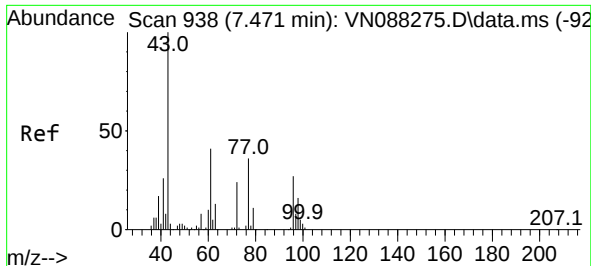


#30
2-Butanone
Concen: 90.901 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06



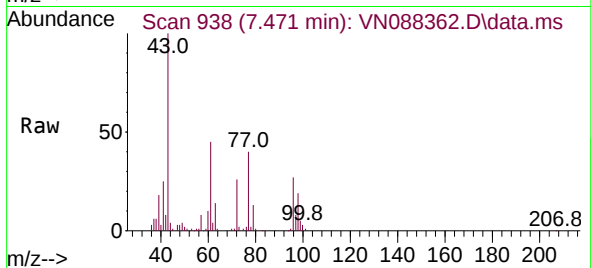
Tgt Ion: 43 Resp: 266651
Ion Ratio Lower Upper
43 100
57 8.1 6.2 9.4
72 25.5 19.4 29.2





#31
2,2-Dichloropropane
Concen: 20.537 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



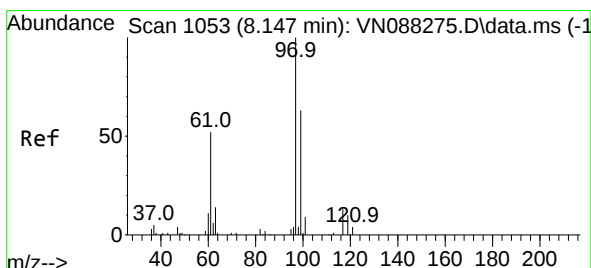
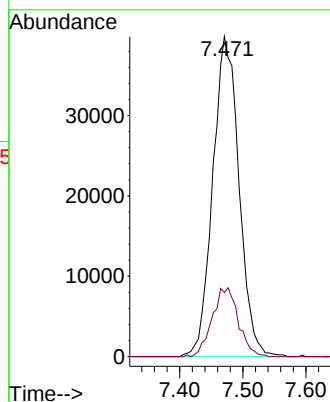
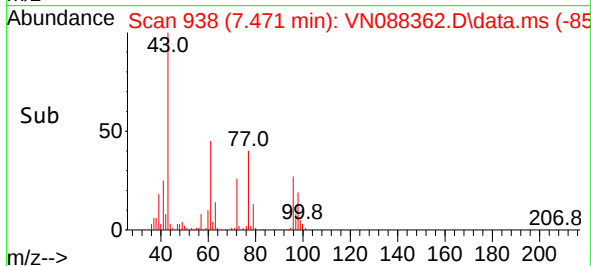
Tgt Ion: 77 Resp: 114866
Ion Ratio Lower Upper
77 100
97 21.4 16.8 25.2

Manual Integrations
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Reviewed By :John
Carlone

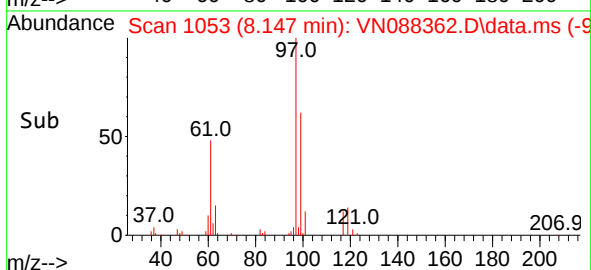
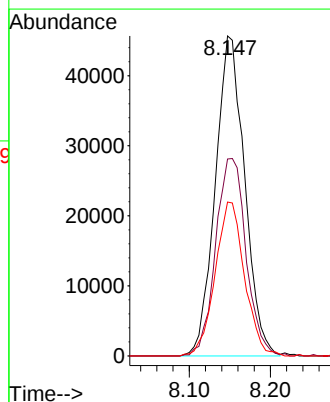
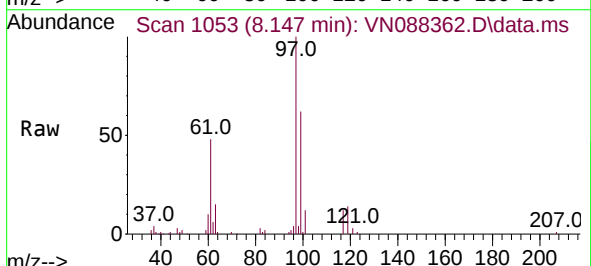
12/01/2025
Supervised By :Semsettin
Yesilyurt

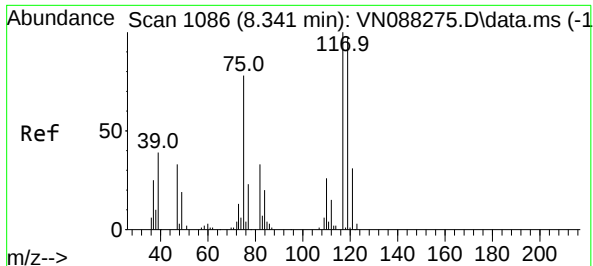
12/01/2025



#32
1,1,1-Trichloroethane
Concen: 20.527 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

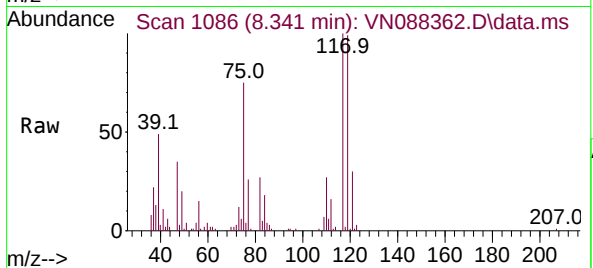
Tgt Ion: 97 Resp: 114753
Ion Ratio Lower Upper
97 100
99 63.8 50.2 75.4
61 47.8 39.8 59.8





#33
Carbon Tetrachloride
Concen: 19.405 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



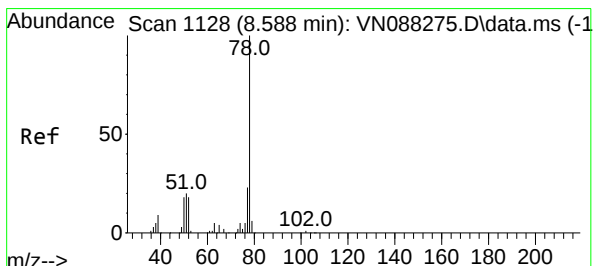
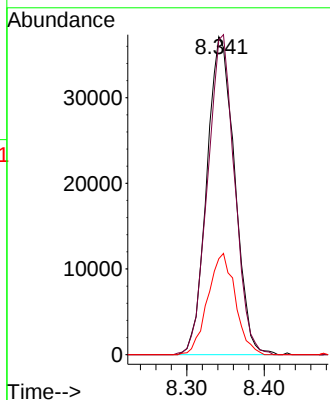
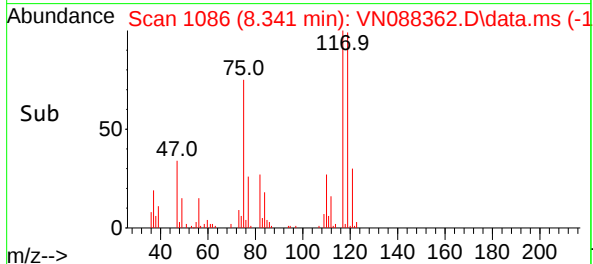
Tgt Ion: 117 Resp: 92638
Ion Ratio Lower Upper
117 100
119 99.1 77.8 116.8
121 30.2 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

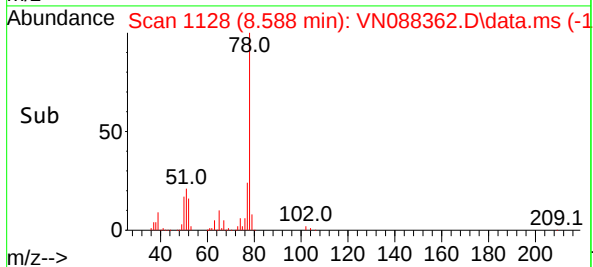
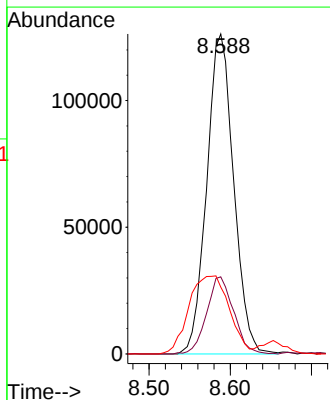
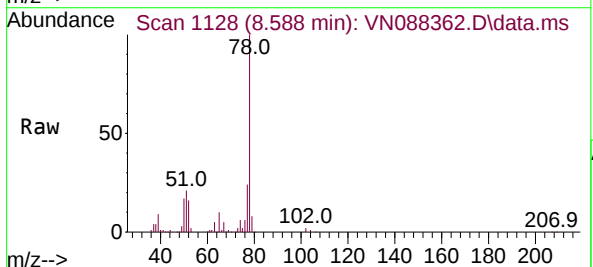
12/01/2025
Supervised By :Semsettin
Yesilyurt

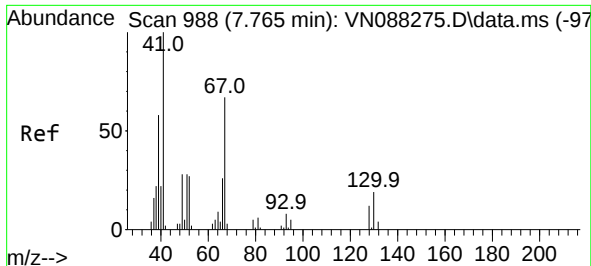
12/01/2025



#34
Benzene
Concen: 21.447 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion: 78 Resp: 290714
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8
51 17.6 15.8 23.8





#35
Methacrylonitrile
Concen: 22.097 ug/l
RT: 7.765 min Scan# 988
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

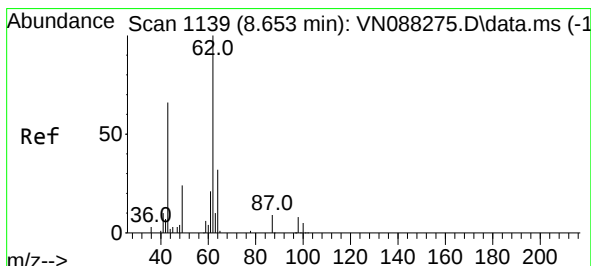
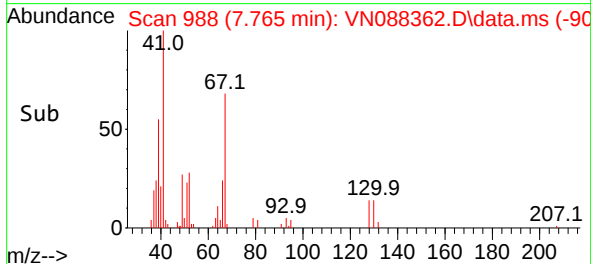
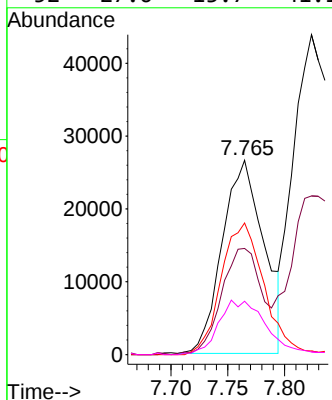
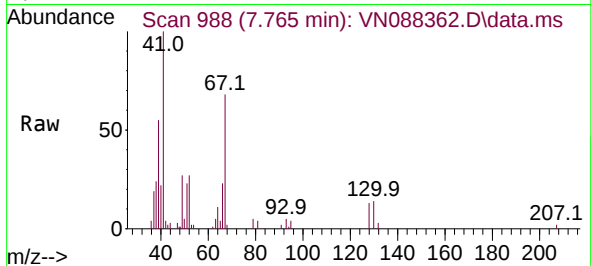
Tgt Ion: 41 Resp: 67611
Ion Ratio Lower Upper
41 100
39 54.3 29.0 87.0
67 68.2 33.3 99.9
52 27.6 13.7 41.1

Manual Integrations
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Reviewed By :John
Carlone

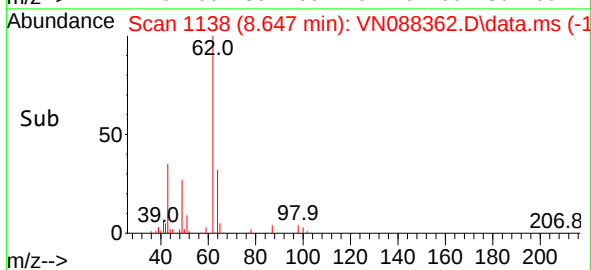
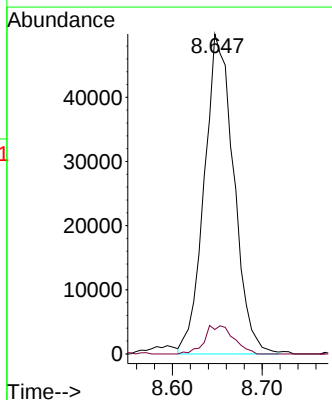
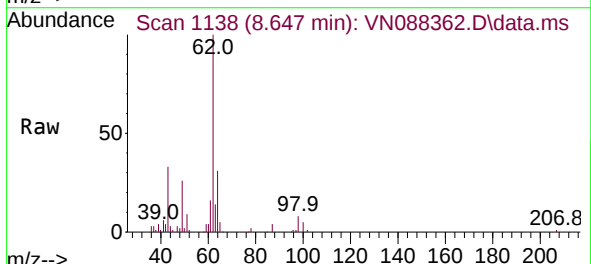
12/01/2025
Supervised By :Semsettin
Yesilyurt

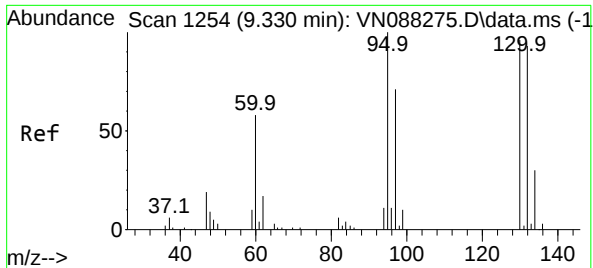
12/01/2025



#36
1,2-Dichloroethane
Concen: 21.666 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

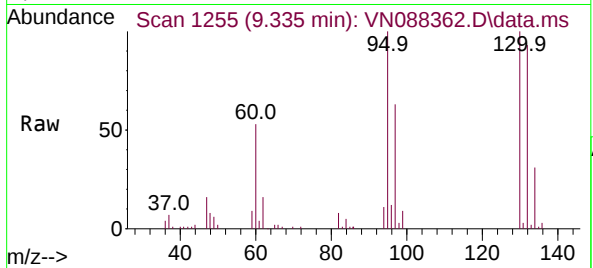
Tgt Ion: 62 Resp: 114295
Ion Ratio Lower Upper
62 100
98 3.8 6.8 10.2#





#37
Trichloroethene
Concen: 22.442 ug/l
RT: 9.335 min Scan# 1254
Delta R.T. 0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



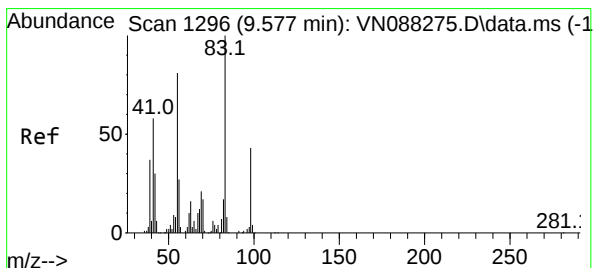
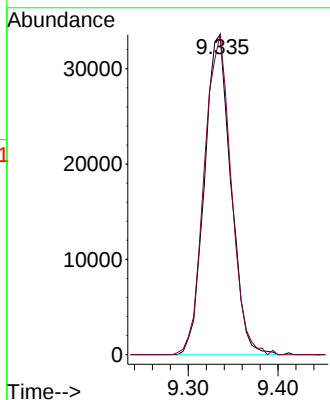
Tgt Ion:130 Resp: 68935
Ion Ratio Lower Upper
130 100
95 100.0 83.7 125.5

Manual Integrations
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Reviewed By :John
Carlone

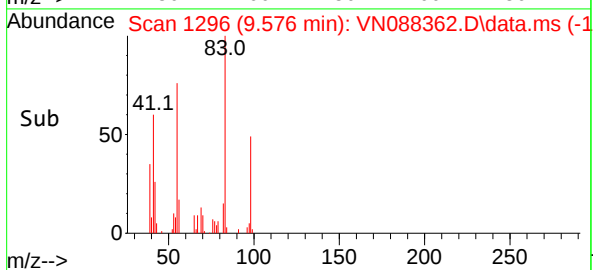
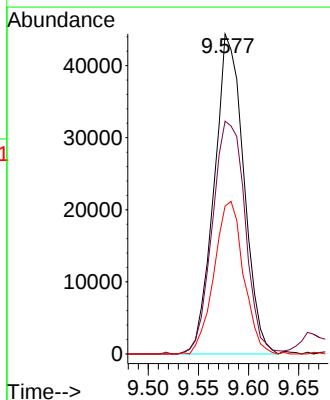
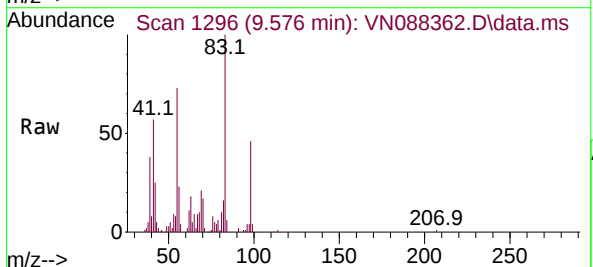
12/01/2025
Supervised By :Semsettin
Yesilyurt

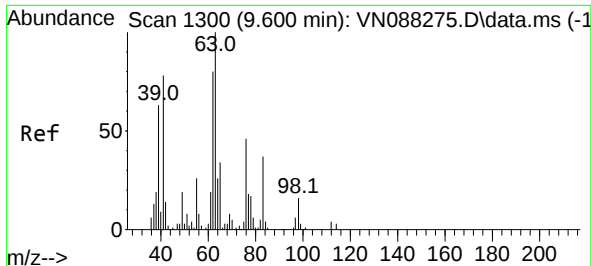
12/01/2025



#38
Methylcyclohexane
Concen: 17.483 ug/l
RT: 9.576 min Scan# 1296
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

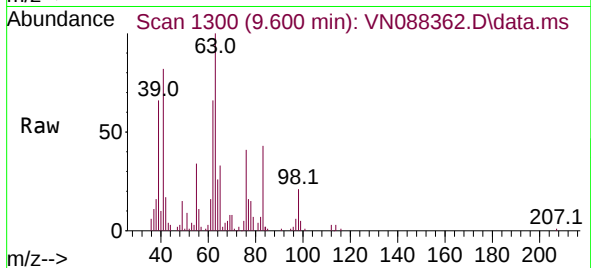
Tgt Ion: 83 Resp: 90896
Ion Ratio Lower Upper
83 100
55 80.8 40.8 122.5
98 47.5 23.4 70.3





#39
1,2-Dichloropropane
Concen: 21.890 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



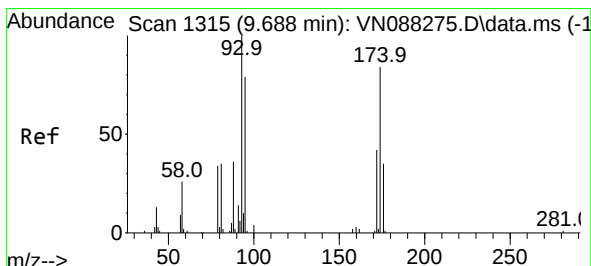
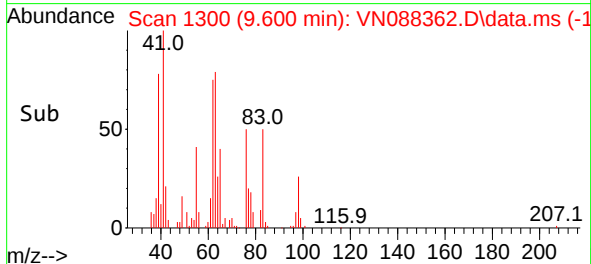
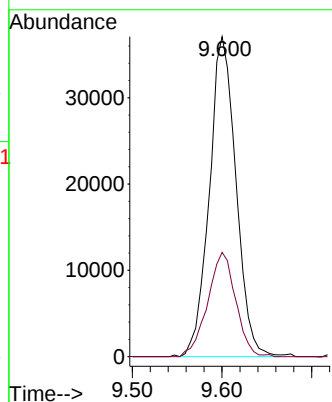
Tgt Ion: 63 Resp: 7655
Ion Ratio Lower Upper
63 100
65 32.6 27.8 41.6

Manual Integrations
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Reviewed By :John
Carlone

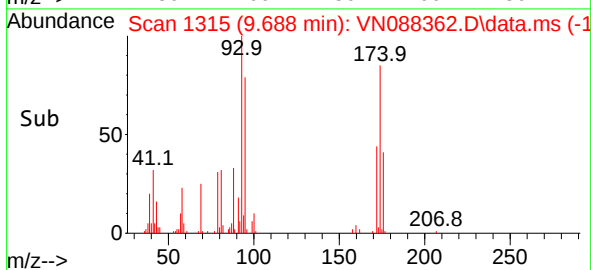
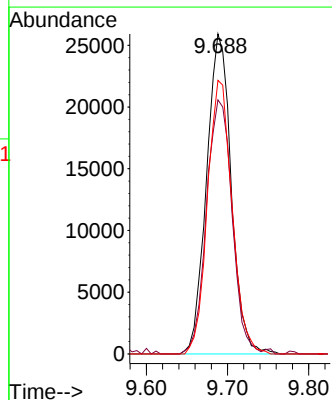
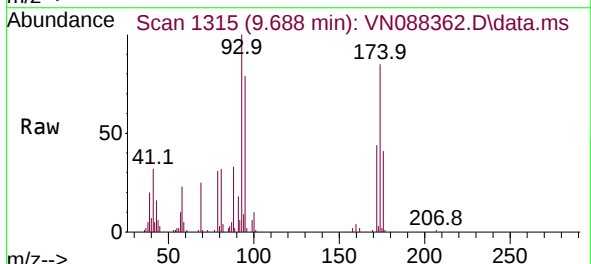
12/01/2025
Supervised By :Semsettin
Yesilyurt

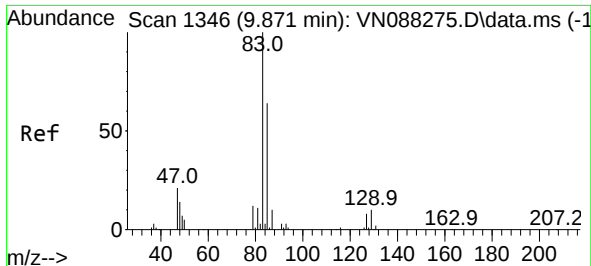
12/01/2025



#40
Dibromomethane
Concen: 21.794 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

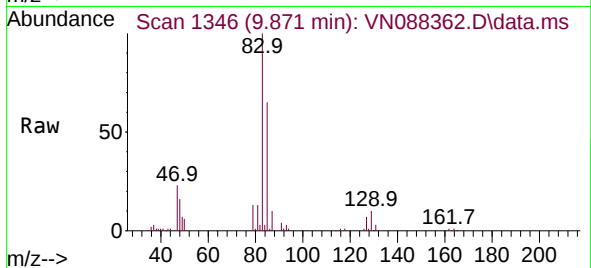
Tgt Ion: 93 Resp: 54761
Ion Ratio Lower Upper
93 100
95 82.3 0.0 161.6
174 85.1 0.0 158.2





#41
Bromodichloromethane
Concen: 21.811 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



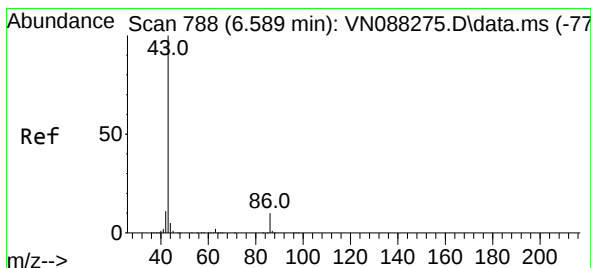
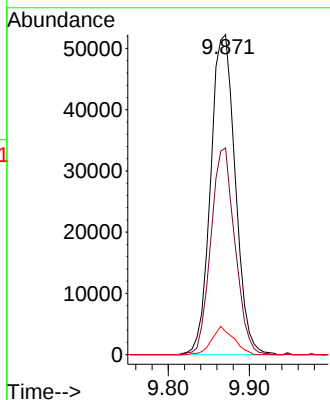
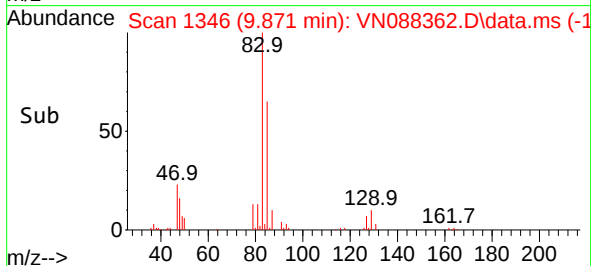
Tgt Ion: 83 Resp: 110325
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.2
127 7.2 6.4 9.6

Manual Integrations
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Reviewed By :John
Carlone

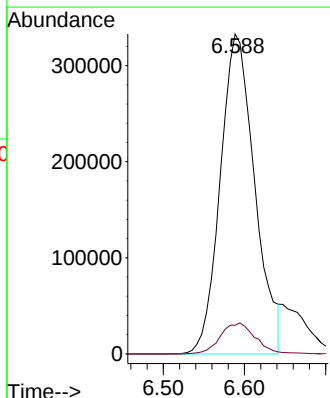
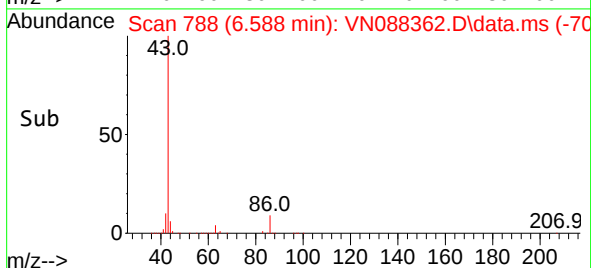
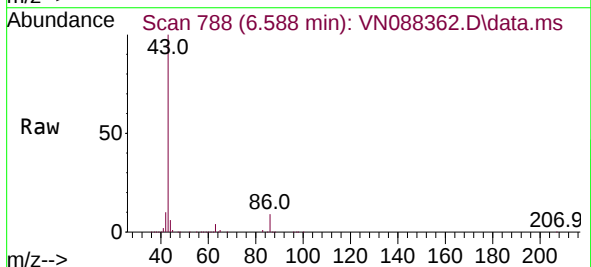
12/01/2025
Supervised By :Semsettin
Yesilyurt

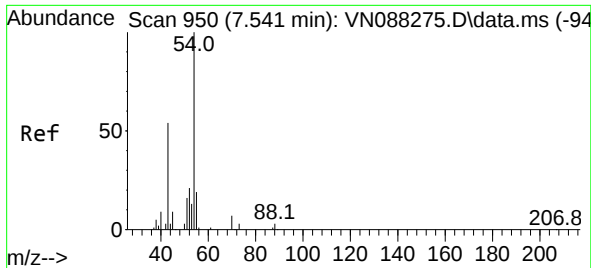
12/01/2025



#42
Vinyl Acetate
Concen: 100.405 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

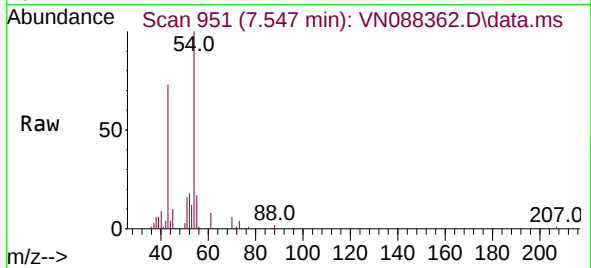
Tgt Ion: 43 Resp: 983030
Ion Ratio Lower Upper
43 100
86 9.9 7.4 11.2





#43
Ethyl Acetate
Concen: 21.088 ug/l
RT: 7.547 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



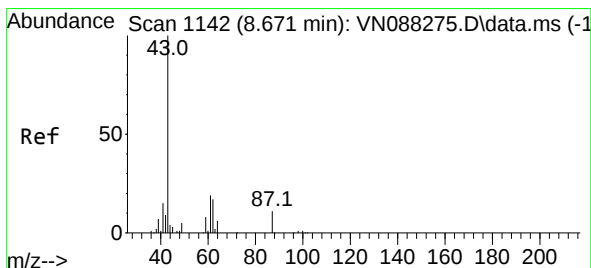
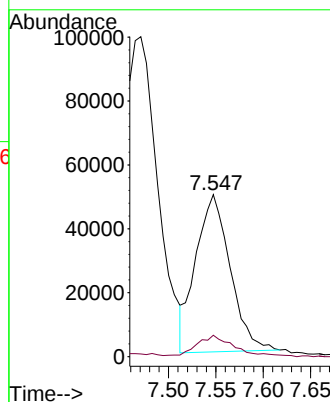
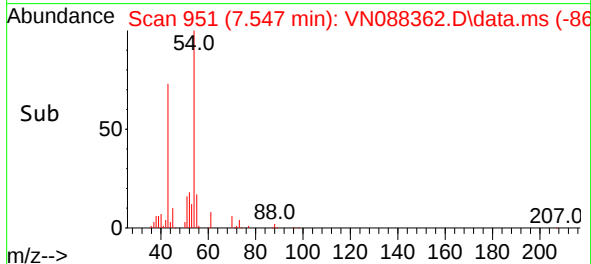
Tgt Ion: 43 Resp: 124462
Ion Ratio Lower Upper
43 100
45 11.7 9.9 14.9

Manual Integrations
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Reviewed By :John
Carlone

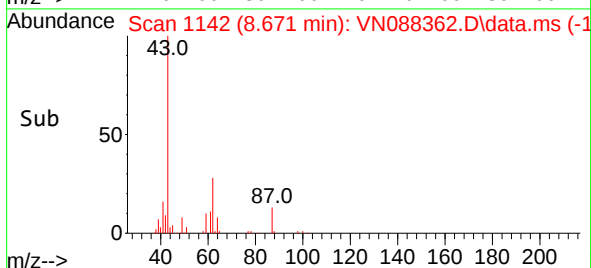
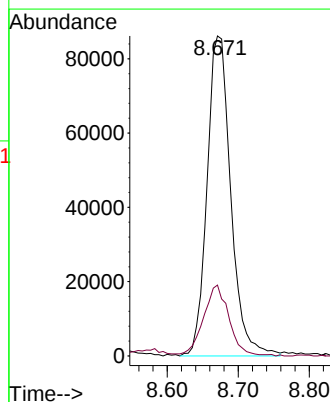
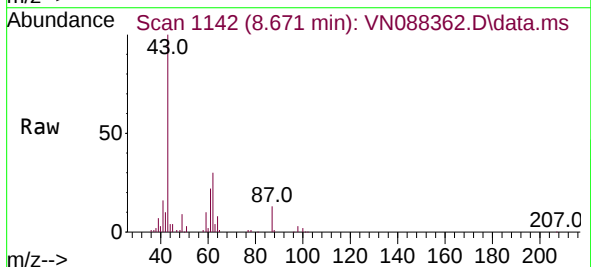
12/01/2025
Supervised By :Semsettin
Yesilyurt

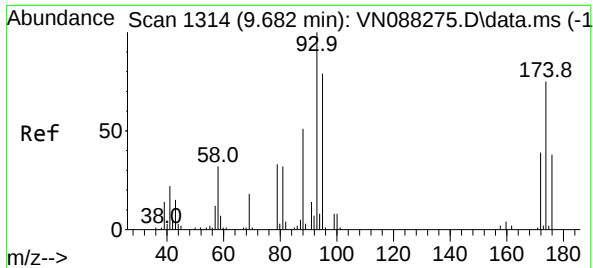
12/01/2025



#44
Isopropyl Acetate
Concen: 21.967 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion: 43 Resp: 199813
Ion Ratio Lower Upper
43 100
61 23.8 19.0 28.6





#45
 1,4-Dioxane
 Concen: 432.934 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VN088362.D
 Acq: 26 Nov 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

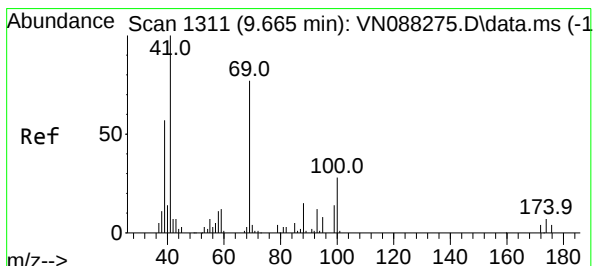
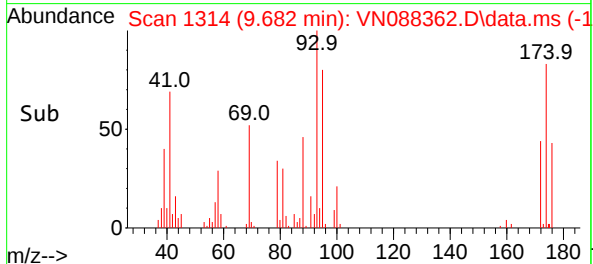
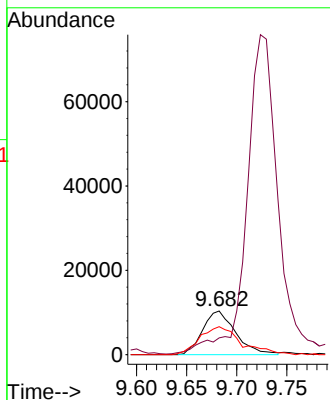
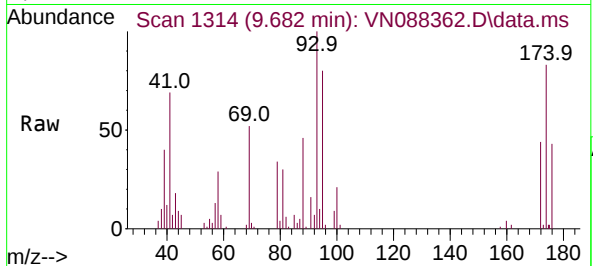
Tgt Ion: 88 Resp: 23714
 Ion Ratio Lower Upper
 88 100
 43 16.6 27.8 41.8
 58 66.9 59.5 89.3

Manual Integrations
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Reviewed By :John
 Carlone

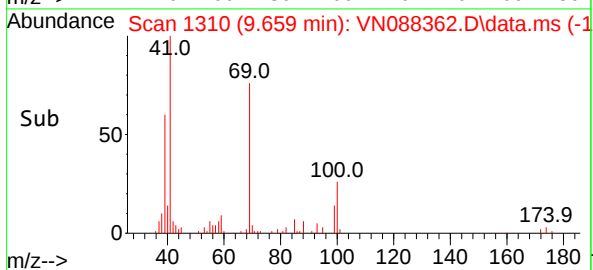
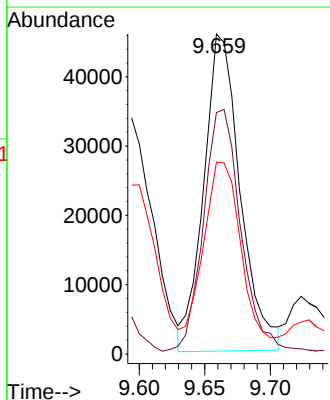
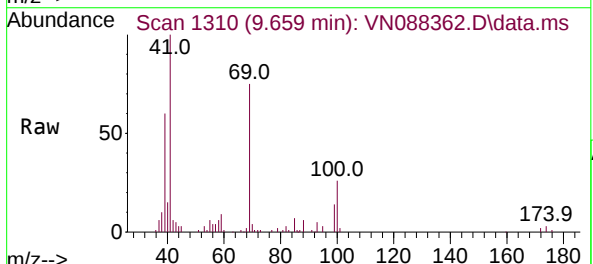
12/01/2025
 Supervised By :Semsettin
 Yesilyurt

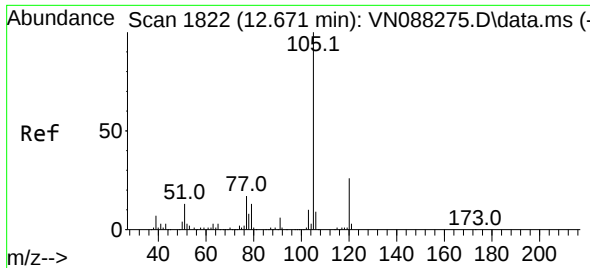
12/01/2025



#46
 Methyl methacrylate
 Concen: 20.911 ug/l
 RT: 9.659 min Scan# 1310
 Delta R.T. -0.006 min
 Lab File: VN088362.D
 Acq: 26 Nov 2025 09:06

Tgt Ion: 41 Resp: 89006
 Ion Ratio Lower Upper
 41 100
 69 79.8 38.5 115.3
 39 59.8 29.0 87.1





#47
n-amyl acetate
Concen: 24.141 ug/l m
RT: 12.682 min Scan# 1822
Delta R.T. 0.012 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

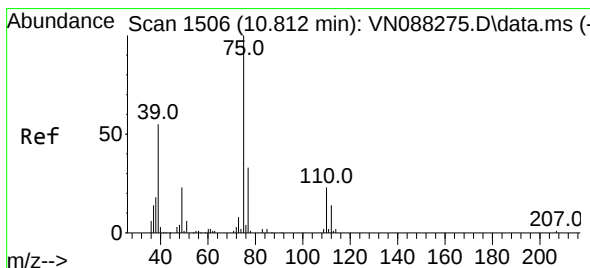
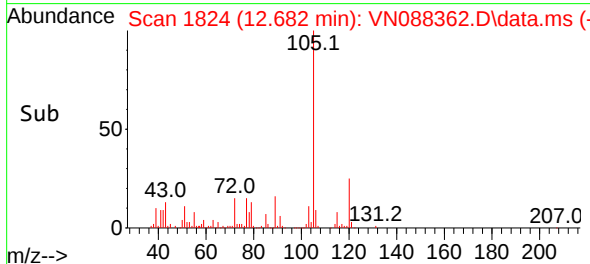
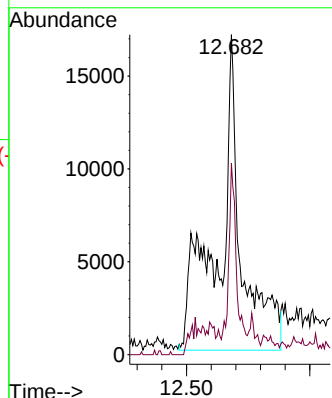
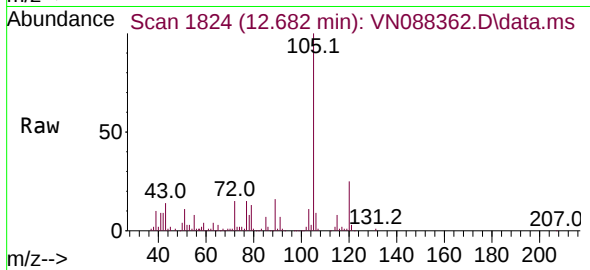
Tgt Ion: 43 Resp: 111270
Ion Ratio Lower Upper
43 100
55 12.6 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

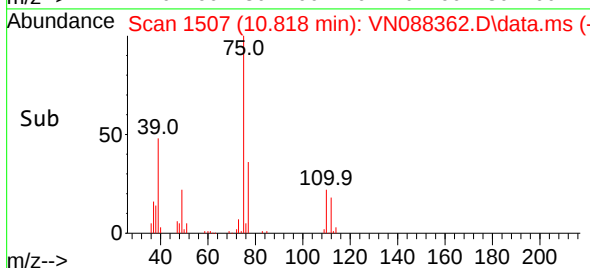
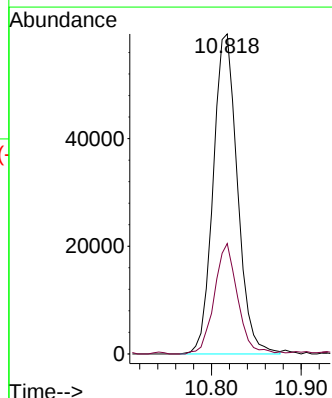
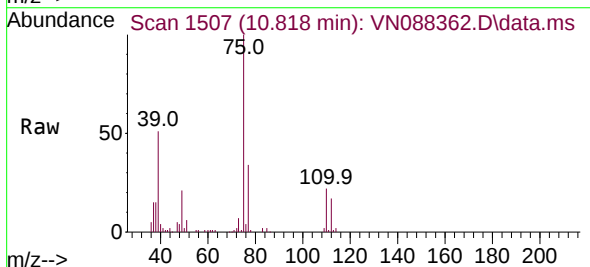
12/01/2025
Supervised By :Semsettin
Yesilyurt

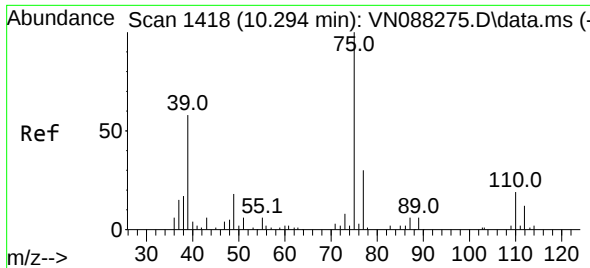
12/01/2025



#48
t-1,3-Dichloropropene
Concen: 20.725 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

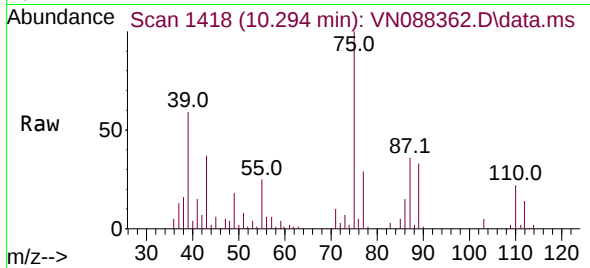
Tgt Ion: 75 Resp: 112123
Ion Ratio Lower Upper
75 100
77 34.5 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 21.455 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VN088362.D
 Acq: 26 Nov 2025 09:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



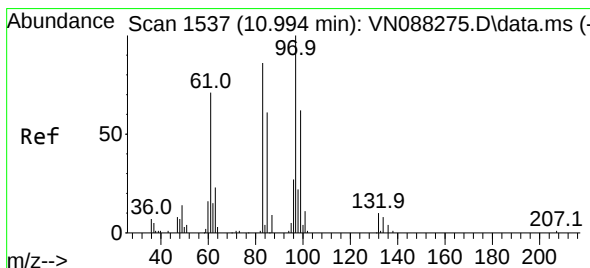
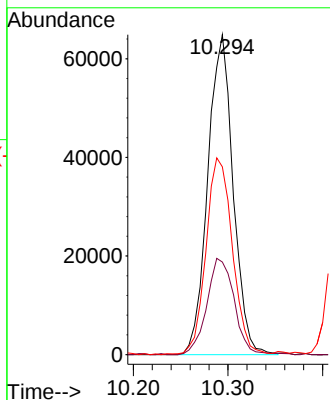
Tgt Ion: 75 Resp: 120773
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.4 36.6
 39 58.4 46.1 69.1

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Reviewed By :John
 Carlone

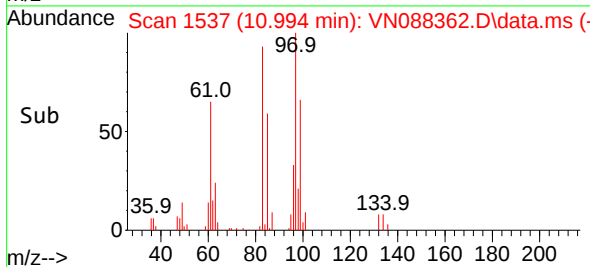
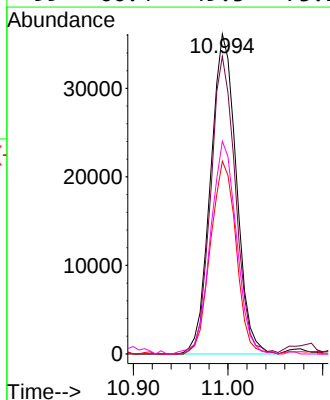
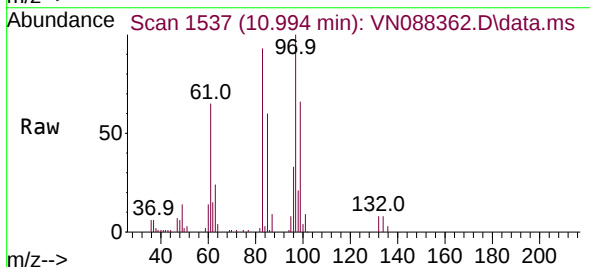
12/01/2025
 Supervised By :Semsettin
 Yesilyurt

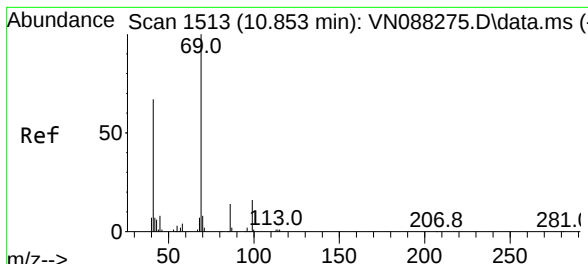
12/01/2025



#50
 1,1,2-Trichloroethane
 Concen: 22.027 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088362.D
 Acq: 26 Nov 2025 09:06

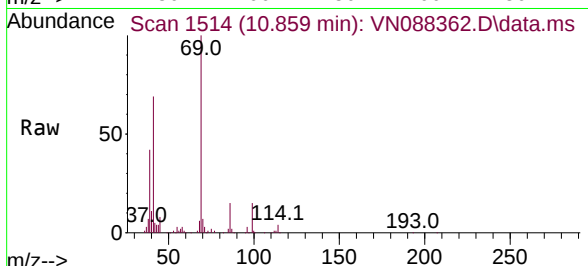
Tgt Ion: 97 Resp: 68438
 Ion Ratio Lower Upper
 97 100
 83 93.0 68.6 102.8
 85 60.2 49.0 73.6
 99 66.4 49.3 73.9





#51
Ethyl methacrylate
Concen: 20.626 ug/l
RT: 10.859 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



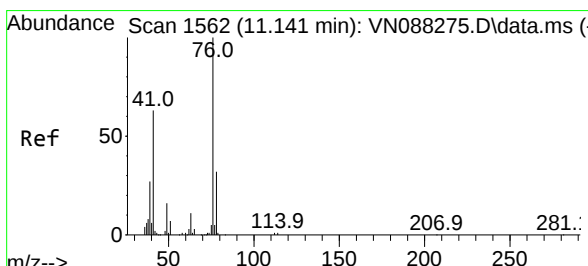
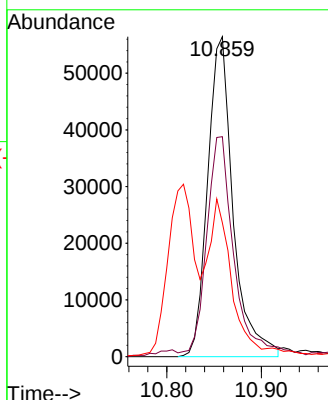
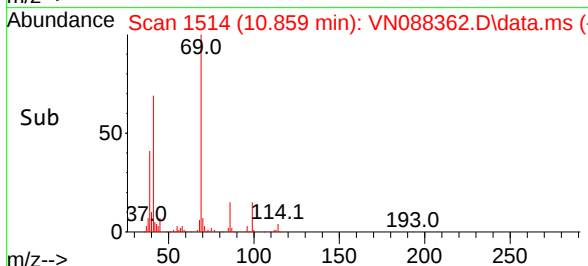
Tgt Ion: 69 Resp: 105437
Ion Ratio Lower Upper
69 100
41 67.5 33.6 100.8
39 39.5 23.4 70.2

Manual Integrations
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Reviewed By :John
Carlone

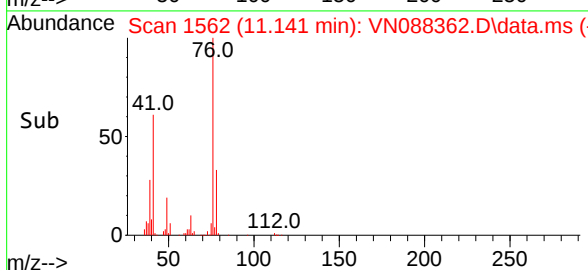
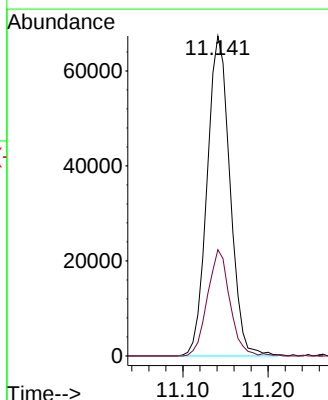
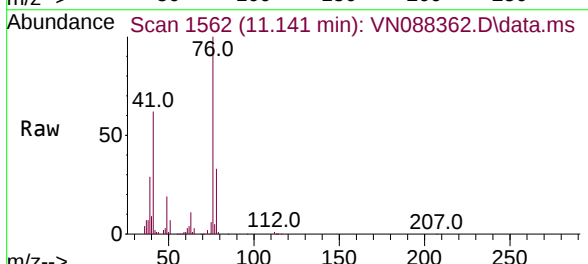
12/01/2025
Supervised By :Semsettin
Yesilyurt

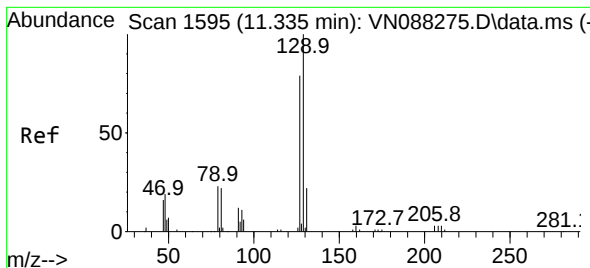
12/01/2025



#52
1,3-Dichloropropane
Concen: 22.191 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

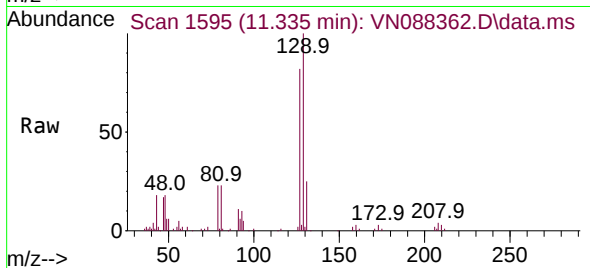
Tgt Ion: 76 Resp: 125563
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.2





#53
Dibromochloromethane
Concen: 22.764 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



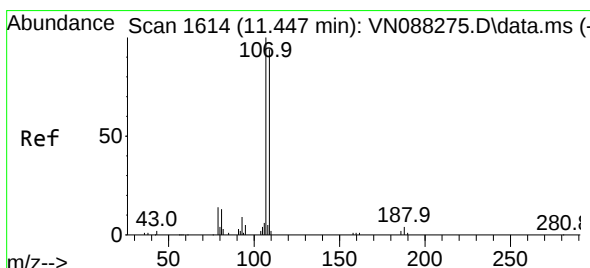
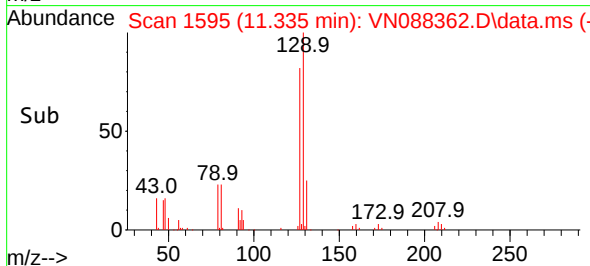
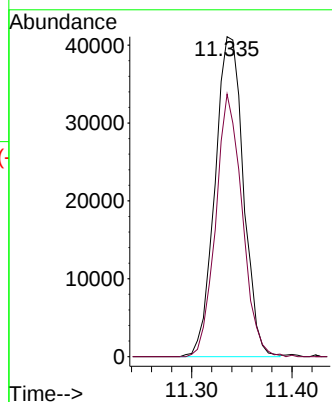
Tgt Ion:129 Resp: 81241
Ion Ratio Lower Upper
129 100
127 76.0 38.2 114.6

Manual Integrations
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Reviewed By :John
Carlone

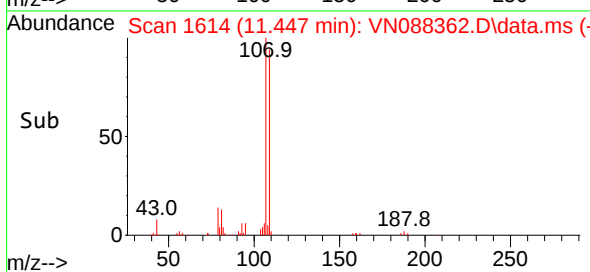
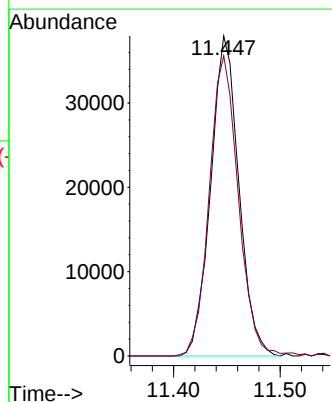
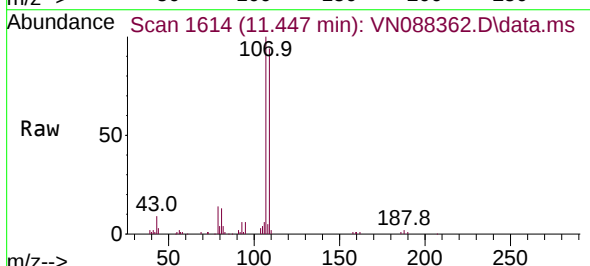
12/01/2025
Supervised By :Semsettin
Yesilyurt

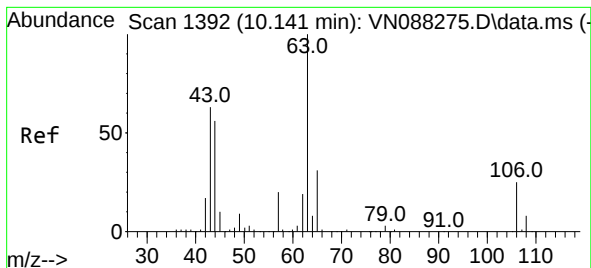
12/01/2025



#54
1,2-Dibromoethane
Concen: 21.590 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion:107 Resp: 69695
Ion Ratio Lower Upper
107 100
109 96.4 76.6 115.0





#55
2-Chloroethyl vinyl ether
Concen: 98.782 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

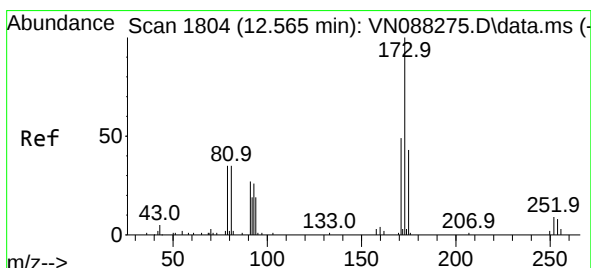
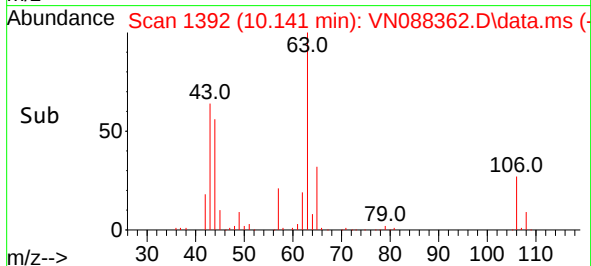
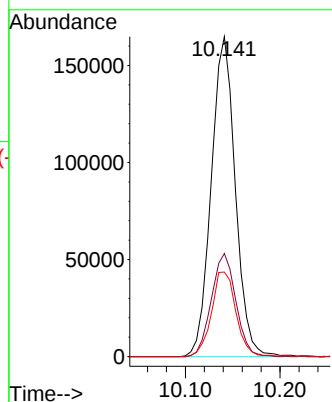
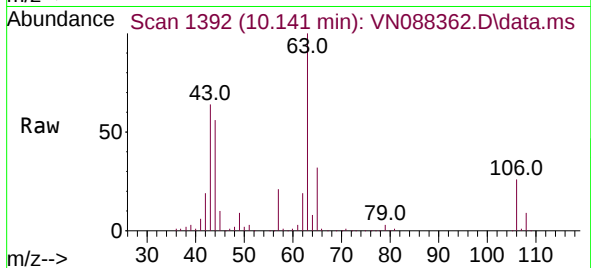
Tgt Ion: 63 Resp: 290876
Ion Ratio Lower Upper
63 100
65 32.7 24.9 37.3
106 26.8 20.3 30.5

Manual Integrations
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Reviewed By :John
Carlone

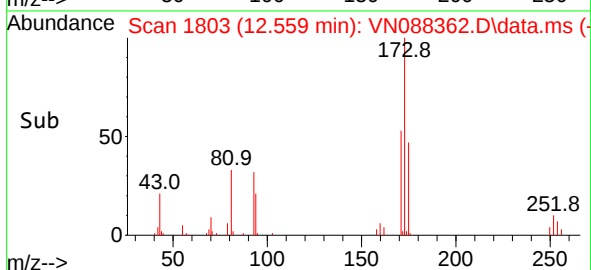
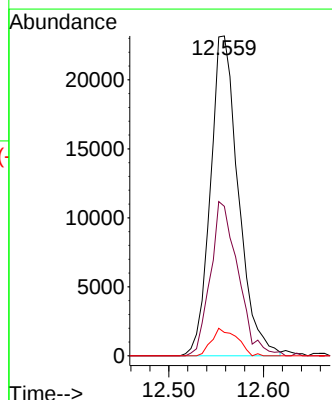
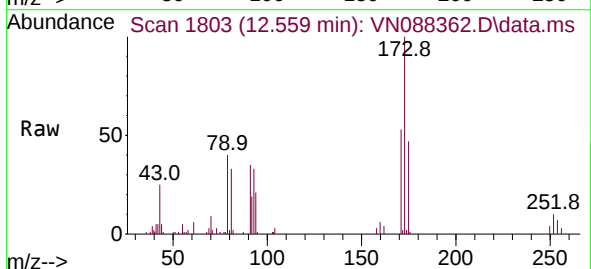
12/01/2025
Supervised By :Semsettin
Yesilyurt

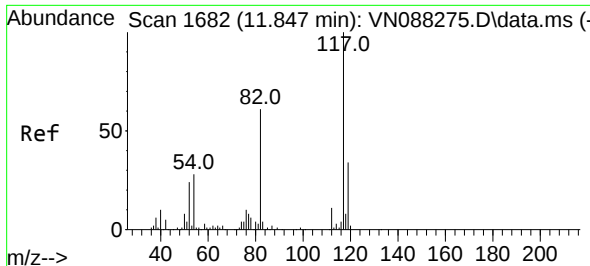
12/01/2025



#56
Bromoform
Concen: 21.081 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

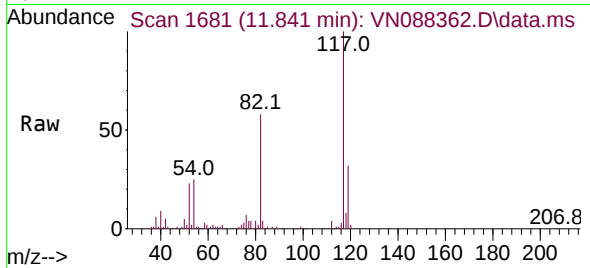
Tgt Ion:173 Resp: 47619
Ion Ratio Lower Upper
173 100
175 45.8 37.7 56.5
254 7.7 5.9 8.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



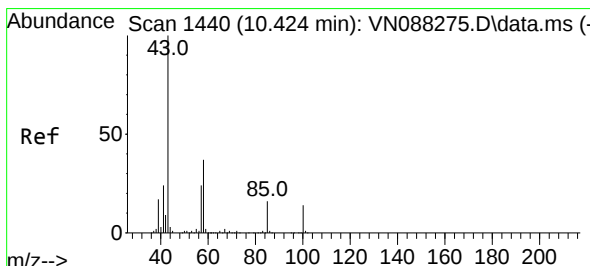
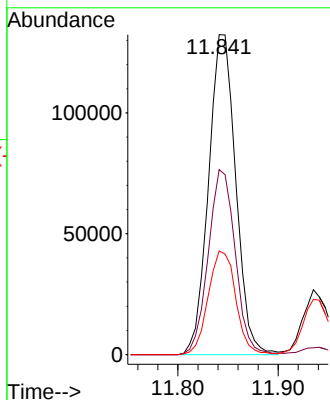
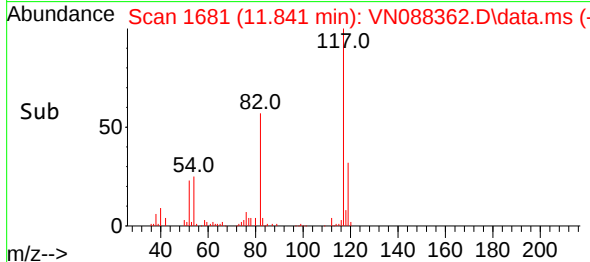
Tgt Ion: 117 Resp: 250226
Ion Ratio Lower Upper
117 100
82 57.4 49.3 73.9
119 32.7 26.4 39.6

Manual Integrations
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Reviewed By :John
Carlone

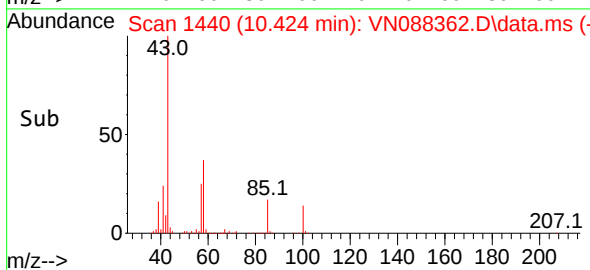
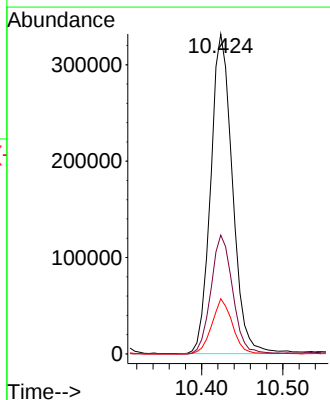
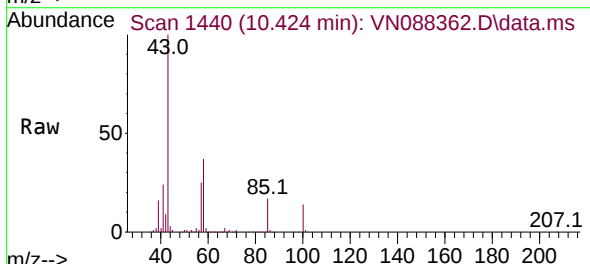
12/01/2025
Supervised By :Semsettin
Yesilyurt

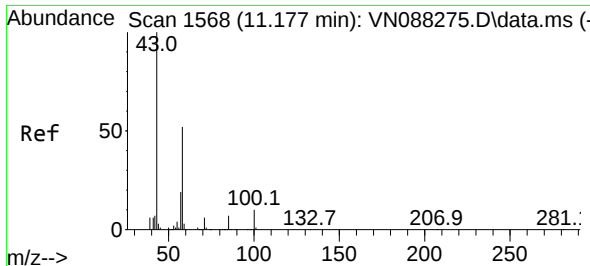
12/01/2025



#58
4-Methyl-2-Pentanone
Concen: 109.392 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

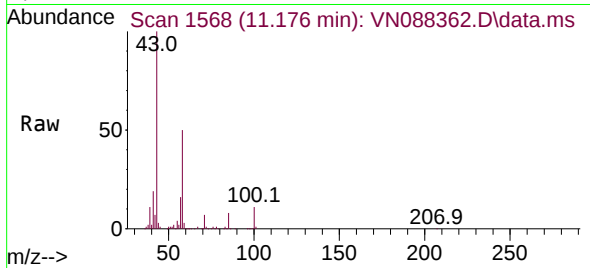
Tgt Ion: 43 Resp: 619105
Ion Ratio Lower Upper
43 100
58 37.1 29.2 43.8
85 16.3 12.6 19.0





#59
2-Hexanone
Concen: 96.368 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



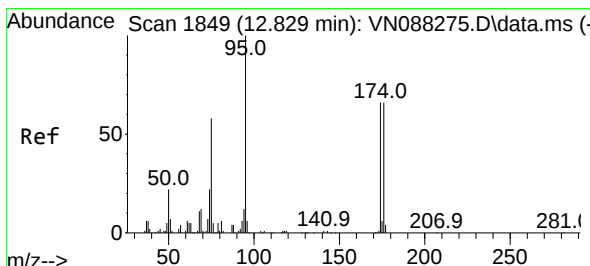
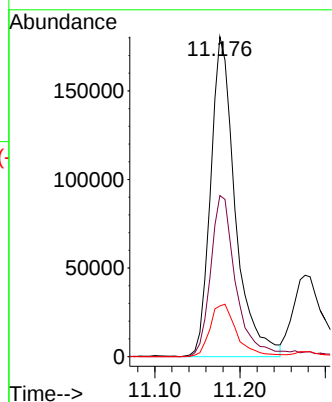
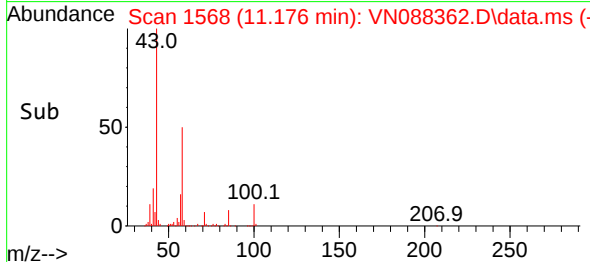
Tgt Ion: 43 Resp: 362155
Ion Ratio Lower Upper
43 100
58 50.5 41.0 61.4
57 17.8 14.4 21.6

Manual Integrations
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Reviewed By :John
Carlone

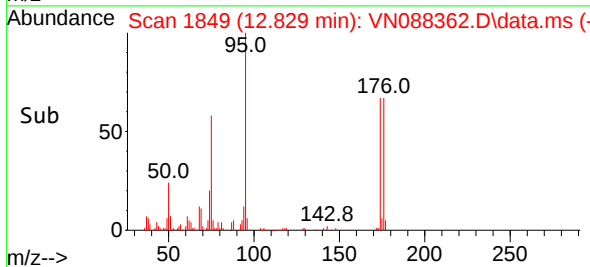
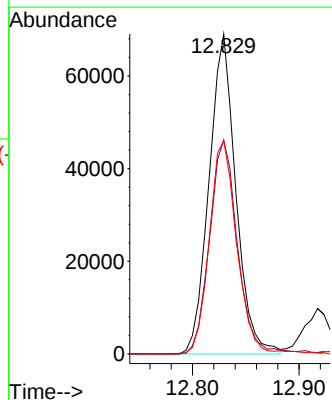
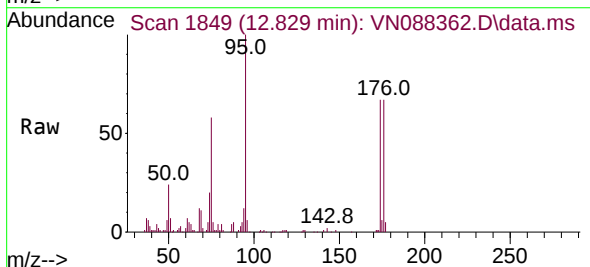
12/01/2025
Supervised By :Semsettin
Yesilyurt

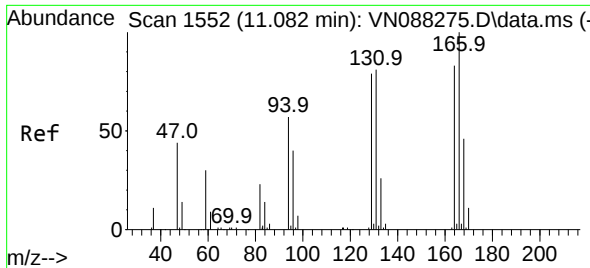
12/01/2025



#60
4-Bromofluorobenzene
Concen: 28.535 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

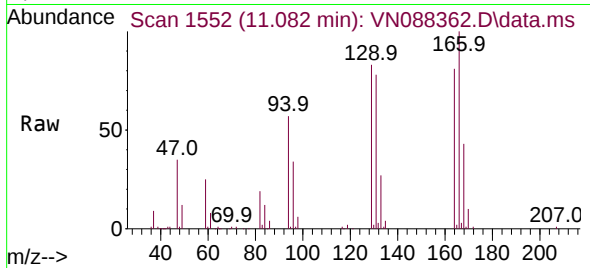
Tgt Ion: 95 Resp: 120703
Ion Ratio Lower Upper
95 100
174 68.6 54.5 81.7
176 67.5 53.8 80.6





#61
Tetrachloroethene
Concen: 24.826 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



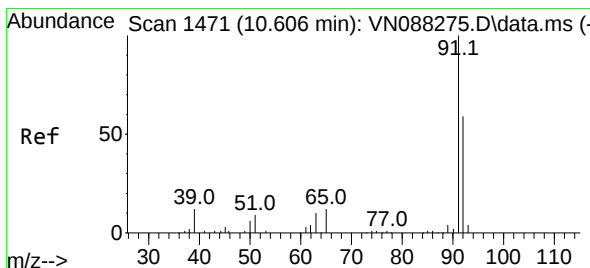
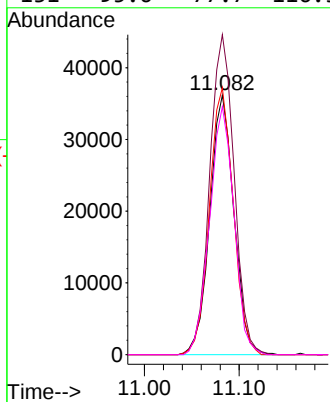
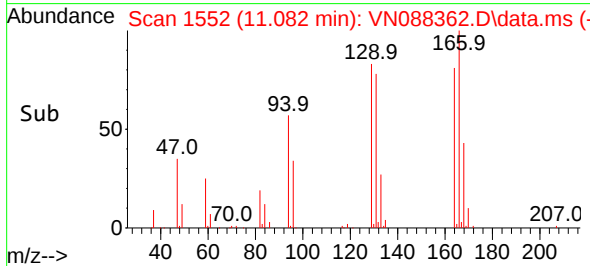
Tgt Ion:164 Resp: 64048
Ion Ratio Lower Upper
164 100
166 123.4 96.3 144.5
129 102.8 76.2 114.2
131 95.6 77.7 116.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

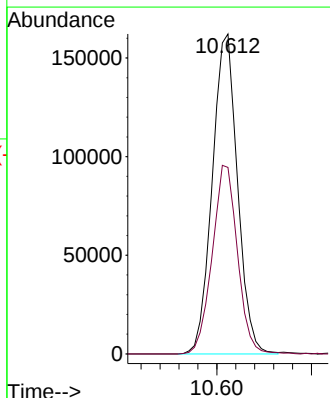
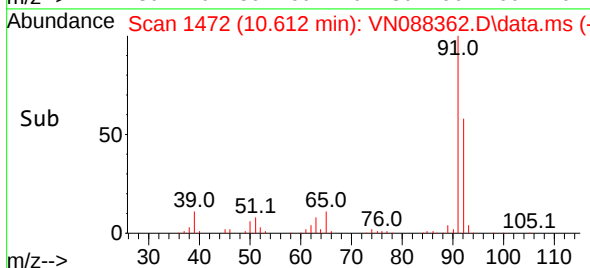
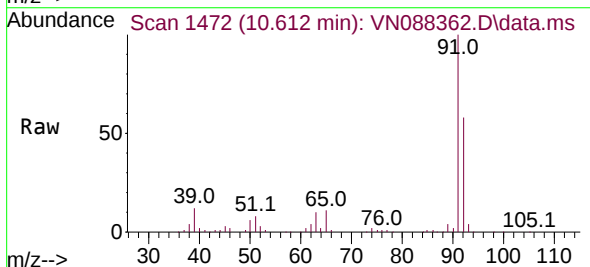
12/01/2025
Supervised By :Semsettin
Yesilyurt

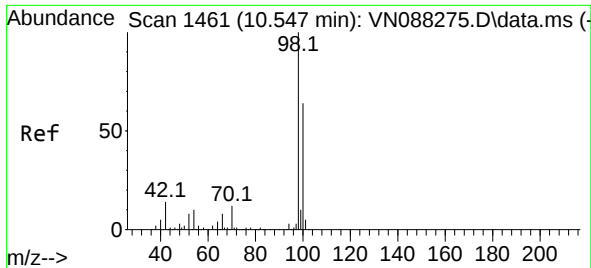
12/01/2025



#62
Toluene
Concen: 20.895 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

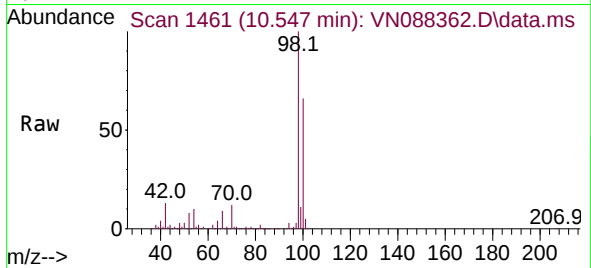
Tgt Ion: 91 Resp: 300039
Ion Ratio Lower Upper
91 100
92 59.0 46.7 70.1





#63
Toluene-d8
Concen: 29.631 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



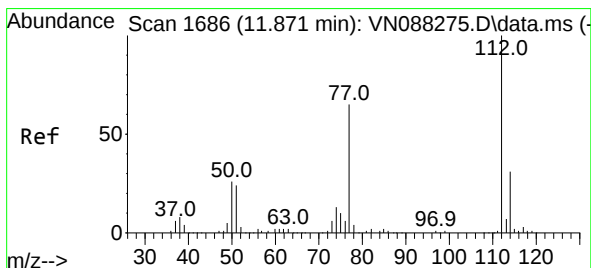
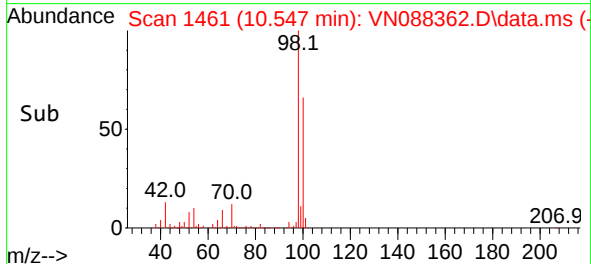
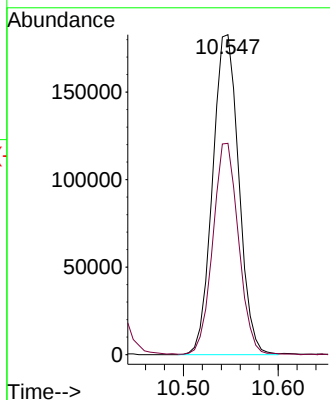
Tgt Ion: 98 Resp: 351022
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4

Manual Integrations
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Reviewed By :John
Carlone

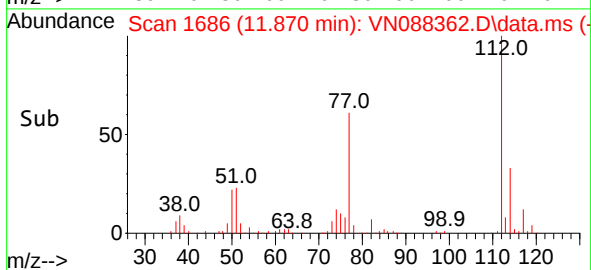
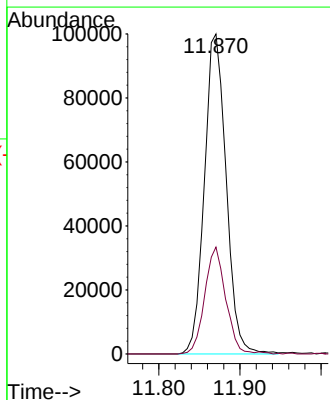
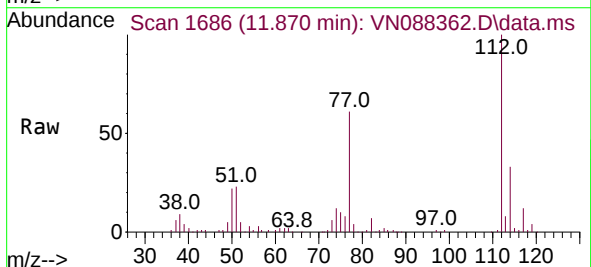
12/01/2025
Supervised By :Semsettin
Yesilyurt

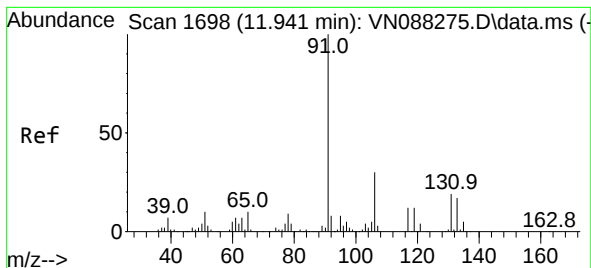
12/01/2025



#64
Chlorobenzene
Concen: 20.978 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

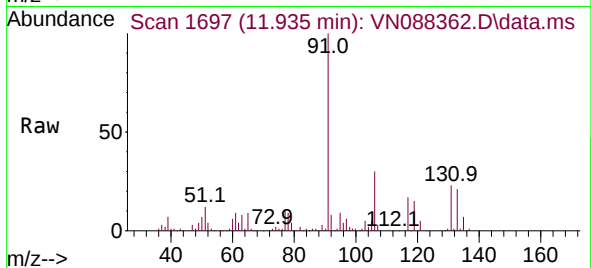
Tgt Ion:112 Resp: 186564
Ion Ratio Lower Upper
112 100
114 33.4 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 21.450 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



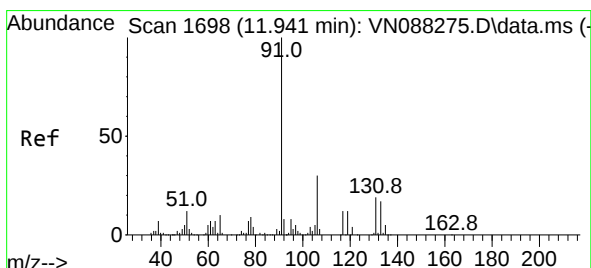
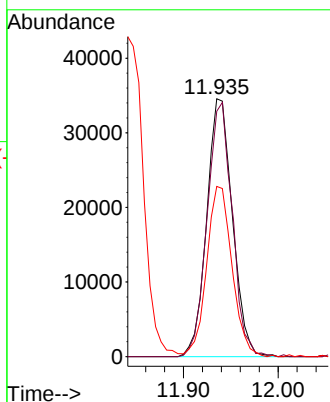
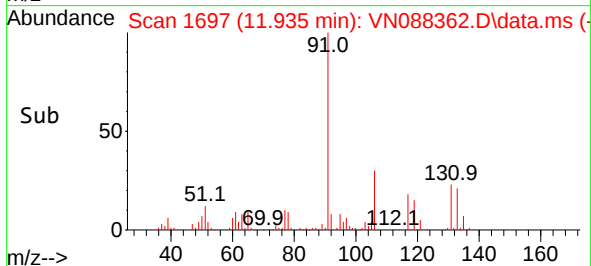
Tgt Ion:131 Resp: 65293
Ion Ratio Lower Upper
131 100
133 95.6 0.0 181.4
119 65.0 0.0 135.0

Manual Integrations
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Reviewed By :John
Carlone

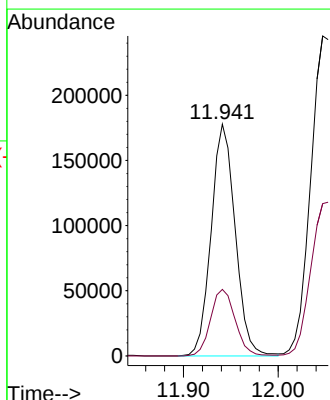
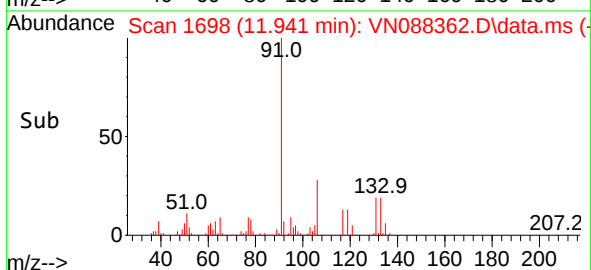
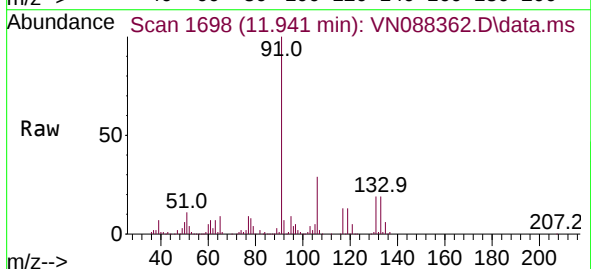
12/01/2025
Supervised By :Semsettin
Yesilyurt

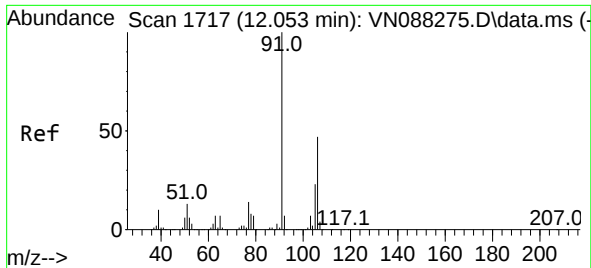
12/01/2025



#66
Ethyl Benzene
Concen: 19.828 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

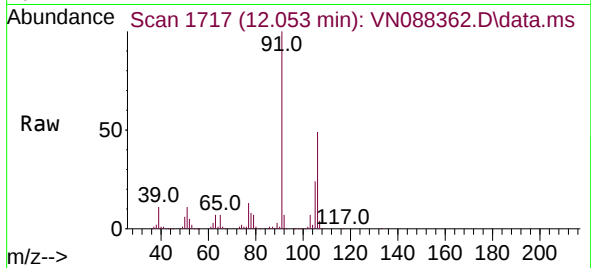
Tgt Ion: 91 Resp: 313805
Ion Ratio Lower Upper
91 100
106 28.7 24.4 36.6





#67
m/p-Xylenes
Concen: 40.589 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



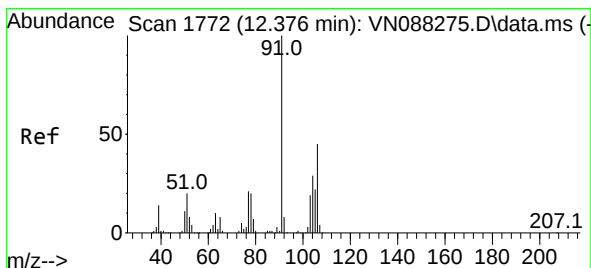
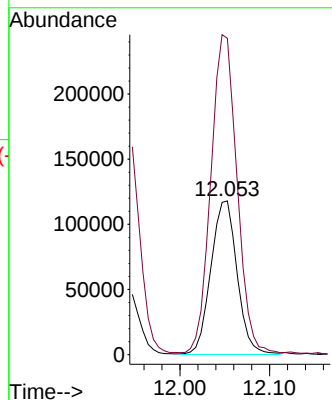
Tgt Ion:106 Resp: 240221
Ion Ratio Lower Upper
106 100
91 208.5 168.3 252.5

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Reviewed By :John
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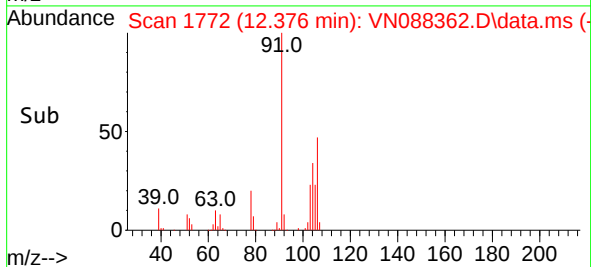
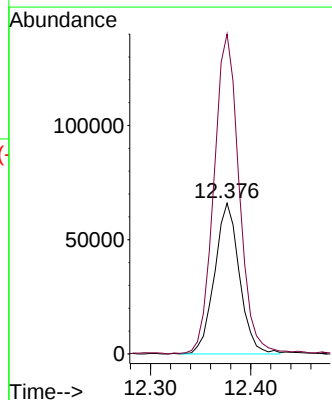
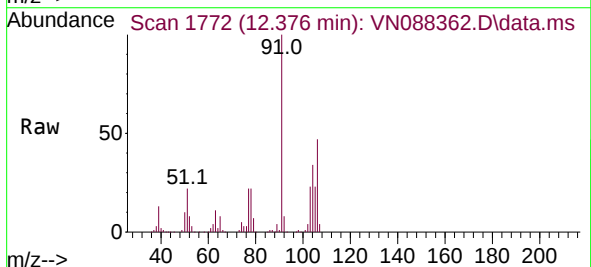
12/01/2025
Supervised By :Semsettin
Yesilyurt

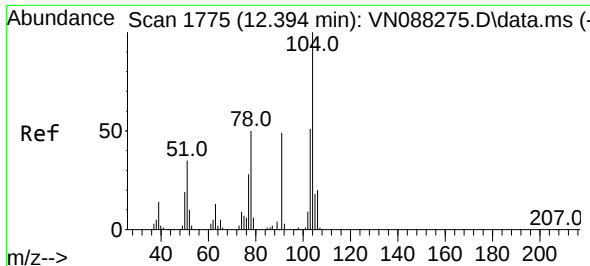
12/01/2025



#68
o-Xylene
Concen: 20.348 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

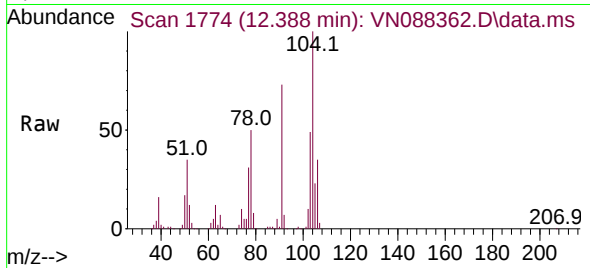
Tgt Ion:106 Resp: 113606
Ion Ratio Lower Upper
106 100
91 215.0 114.0 342.0





#69
Styrene
Concen: 20.417 ug/l
RT: 12.388 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



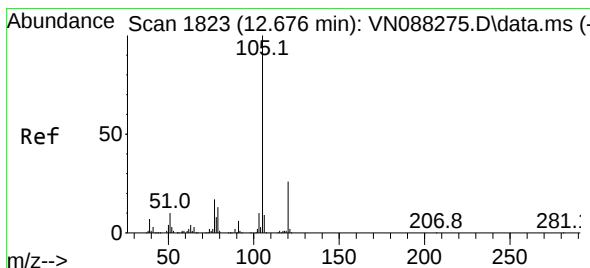
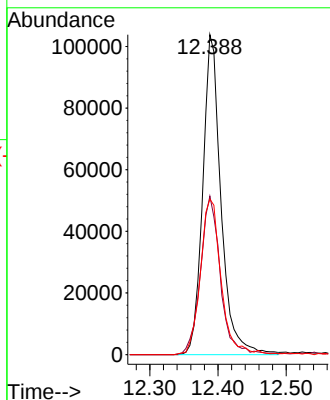
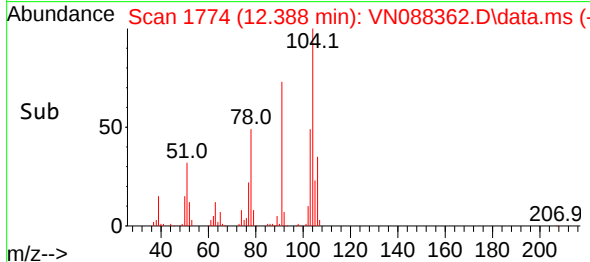
Tgt Ion:104 Resp: 193603
Ion Ratio Lower Upper
104 100
78 53.2 43.8 65.8
103 54.2 44.8 67.2

Manual Integrations
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Reviewed By :John
Carlone

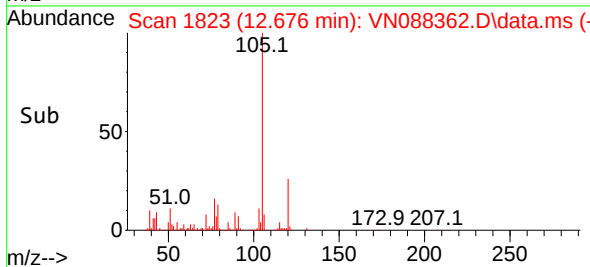
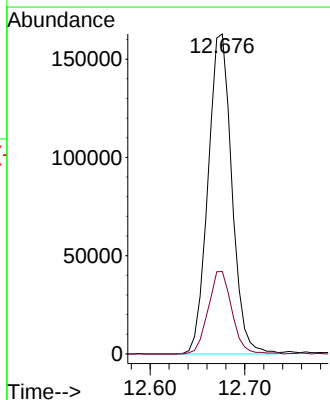
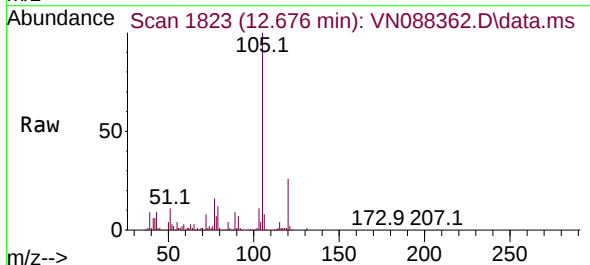
12/01/2025
Supervised By :Semsettin
Yesilyurt

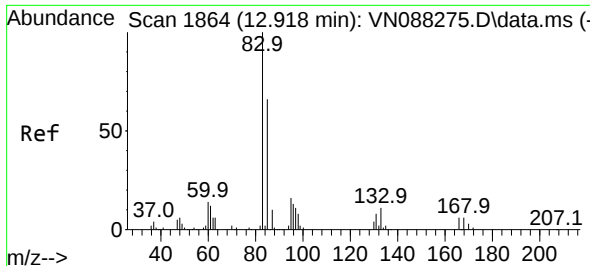
12/01/2025



#70
Isopropylbenzene
Concen: 19.263 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

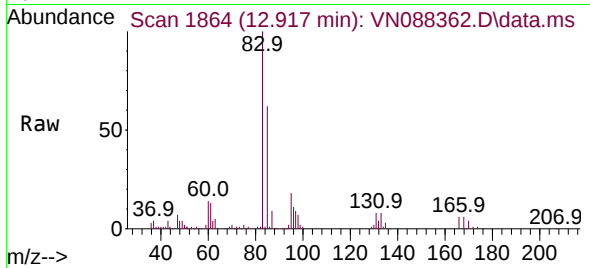
Tgt Ion:105 Resp: 285015
Ion Ratio Lower Upper
105 100
120 25.5 18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 20.528 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



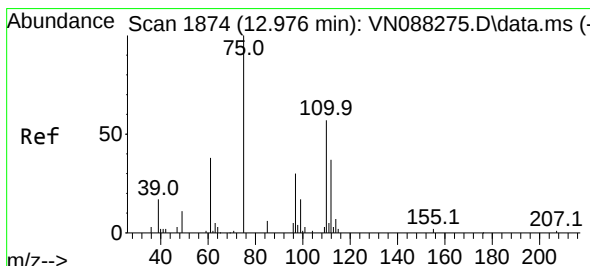
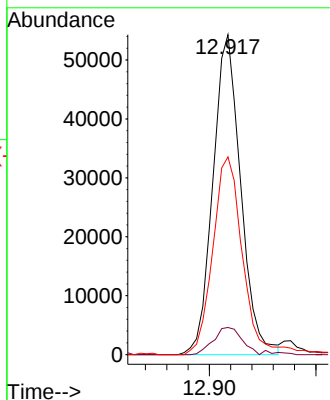
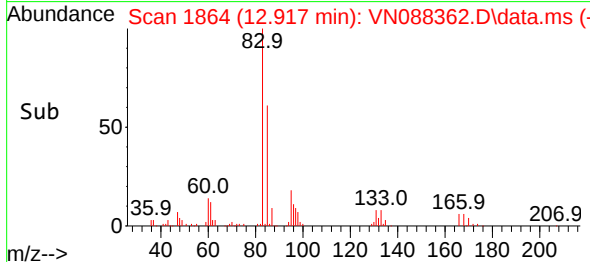
Tgt Ion: 83 Resp: 98385
Ion Ratio Lower Upper
83 100
131 8.7 4.3 12.9
85 64.8 32.4 97.2

Manual Integrations
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Reviewed By :John
Carlone

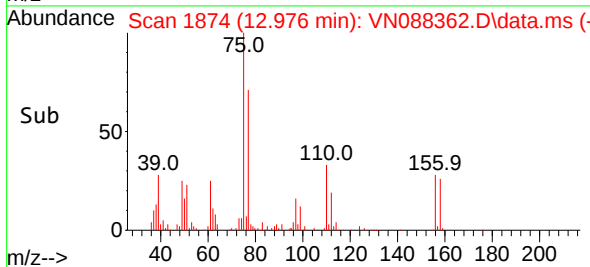
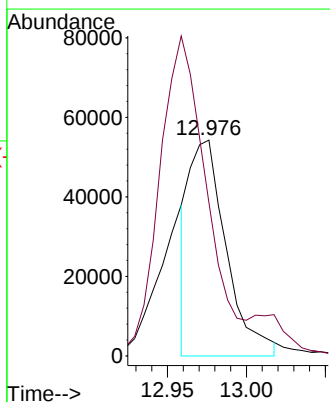
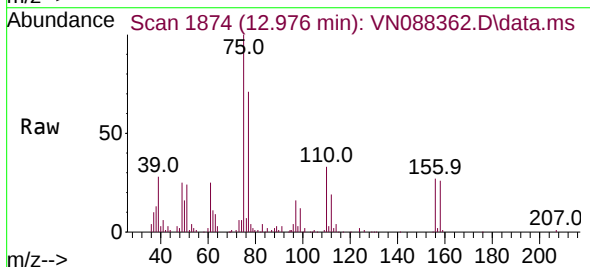
12/01/2025
Supervised By :Semsettin
Yesilyurt

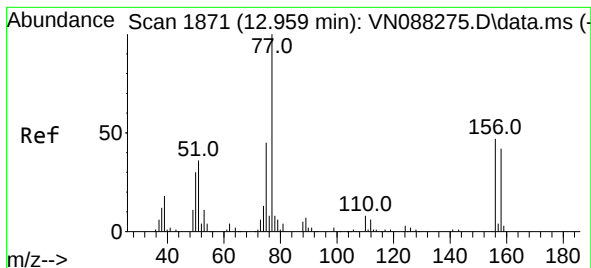
12/01/2025



#72
1,2,3-Trichloropropane
Concen: 19.151 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion: 75 Resp: 88921
Ion Ratio Lower Upper
75 100
77 187.0 0.0 386.6





#73

Bromobenzene

Concen: 21.260 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088362.D

Acq: 26 Nov 2025 09:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDC020

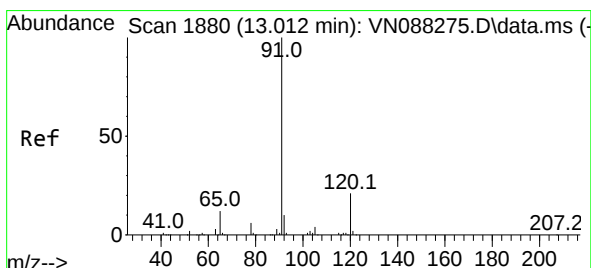
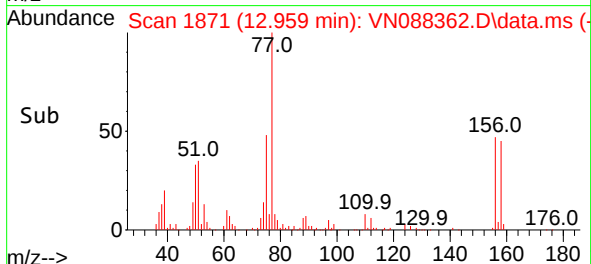
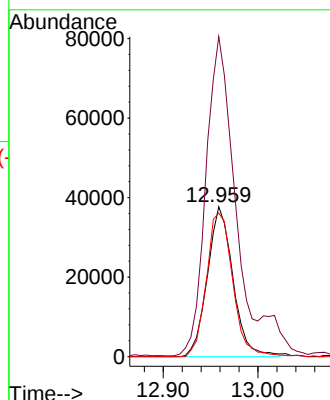
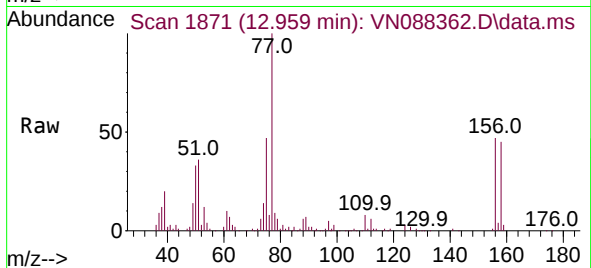
Tgt Ion:	156	Resp:	71015
Ion Ratio	Lower	Upper	
156	100		
77	234.1	0.0	493.4
158	98.4	0.0	193.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

12/01/2025
Supervised By :Semsettin
Yesilyurt

12/01/2025



#74

n-propylbenzene

Concen: 19.047 ug/l

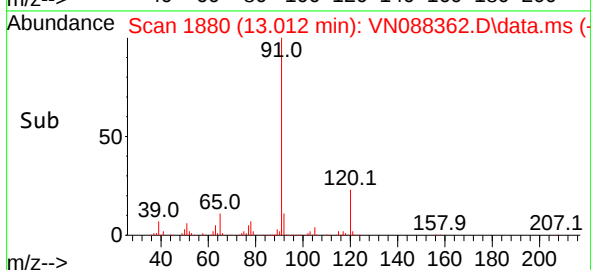
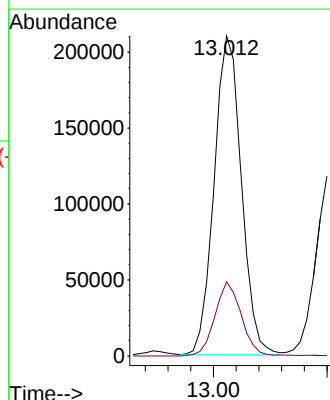
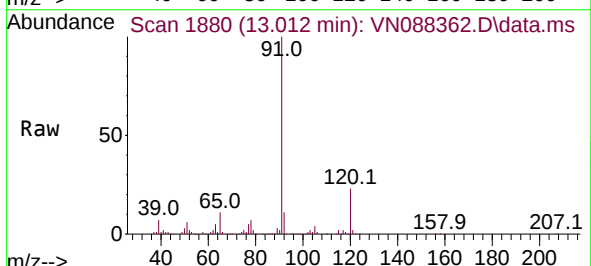
RT: 13.012 min Scan# 1880

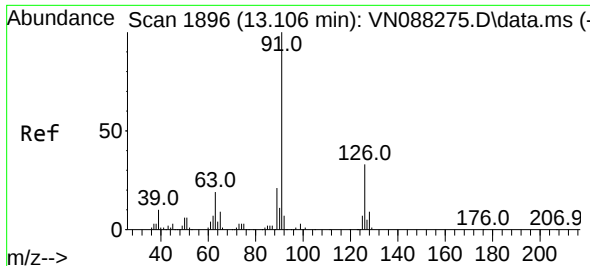
Delta R.T. -0.000 min

Lab File: VN088362.D

Acq: 26 Nov 2025 09:06

Tgt Ion:	91	Resp:	348765
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	43.2





#75
2-Chlorotoluene
Concen: 18.813 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

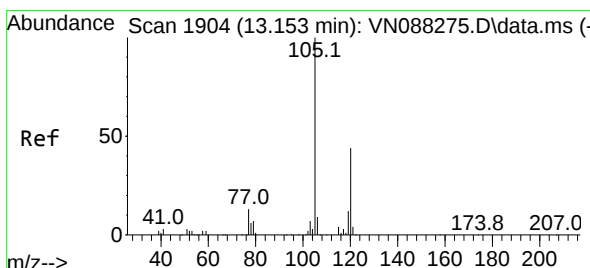
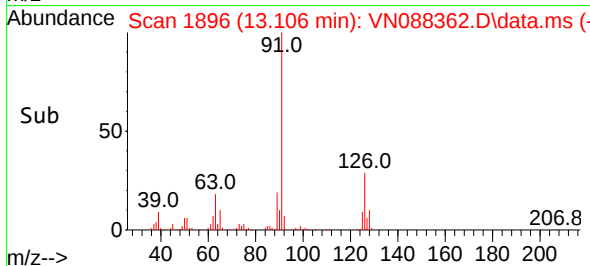
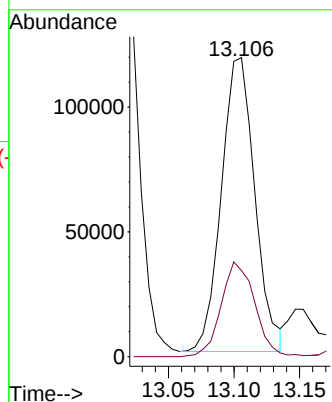
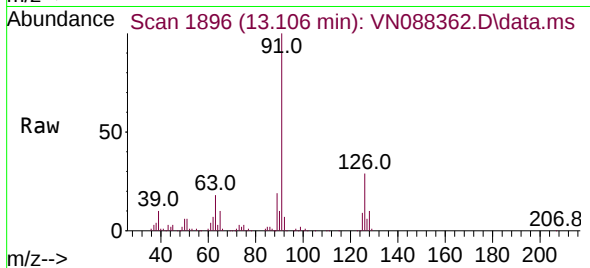
Tgt Ion: 91 Resp: 209465
Ion Ratio Lower Upper
91 100
126 32.3 0.0 62.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

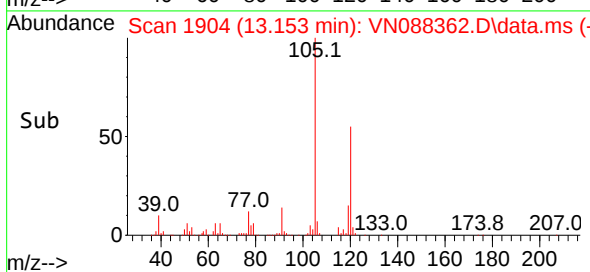
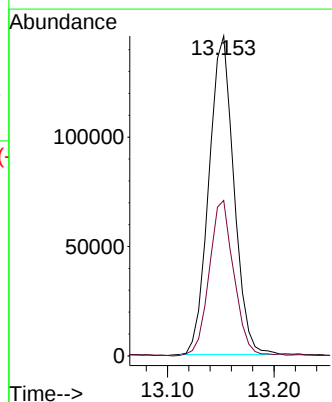
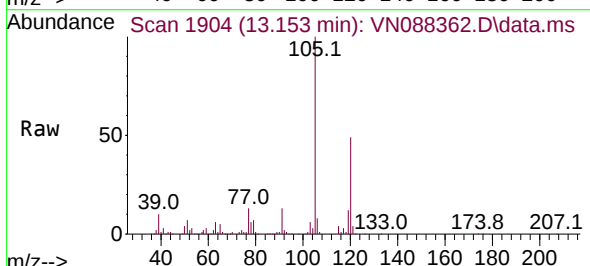
12/01/2025
Supervised By :Semsettin
Yesilyurt

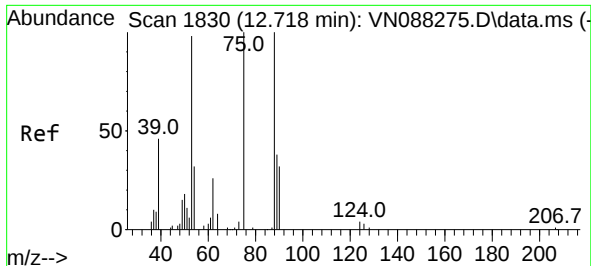
12/01/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.121 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion:105 Resp: 237475
Ion Ratio Lower Upper
105 100
120 48.3 0.0 94.6





#77
t-1,4-Dichloro-2-butene
Concen: 19.538 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

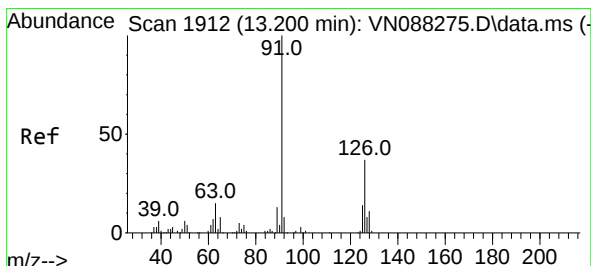
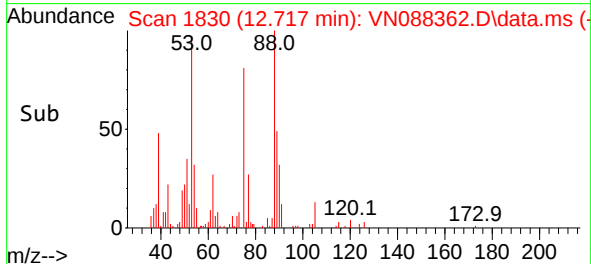
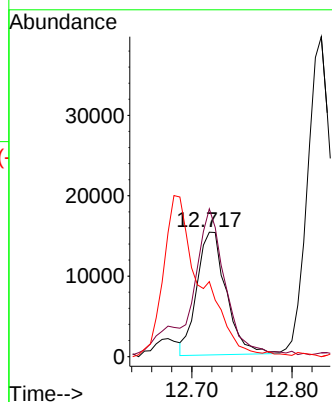
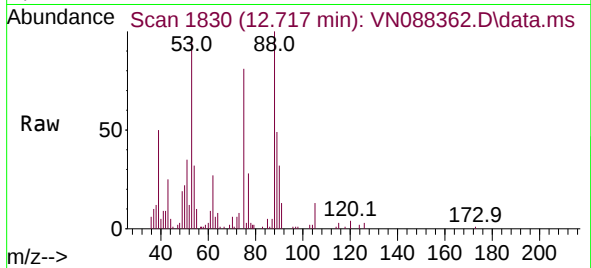
Tgt Ion: 75 Resp: 31153
Ion Ratio Lower Upper
75 100
53 119.2 50.0 150.0
89 60.2 22.3 66.9

Manual Integrations
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Reviewed By :John
Carlone

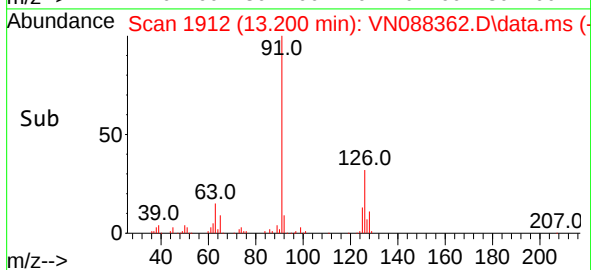
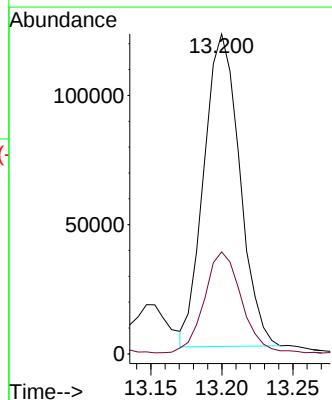
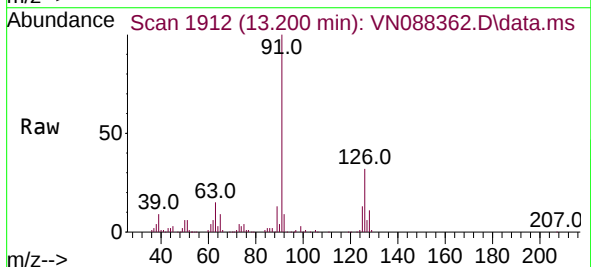
12/01/2025
Supervised By :Semsettin
Yesilyurt

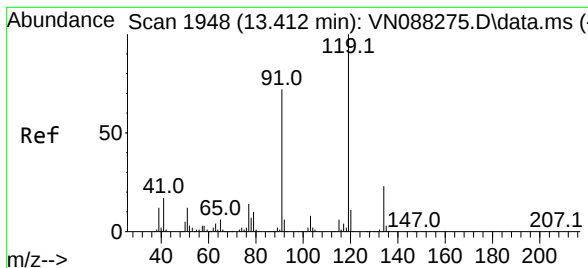
12/01/2025



#78
4-Chlorotoluene
Concen: 18.755 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

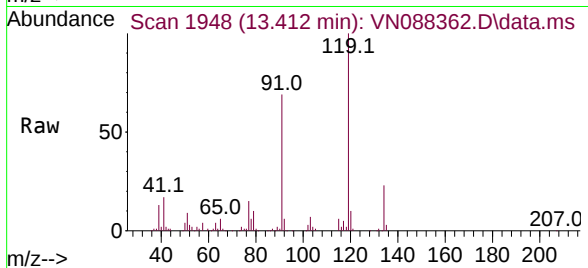
Tgt Ion: 91 Resp: 211618
Ion Ratio Lower Upper
91 100
126 34.8 0.0 60.8





#79
tert-butylbenzene
Concen: 18.534 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



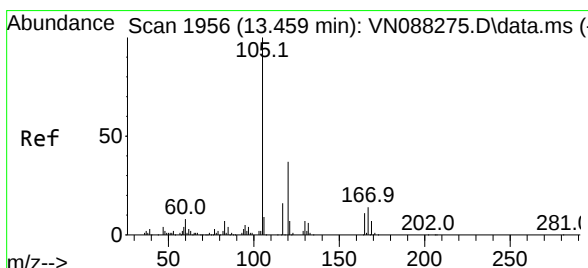
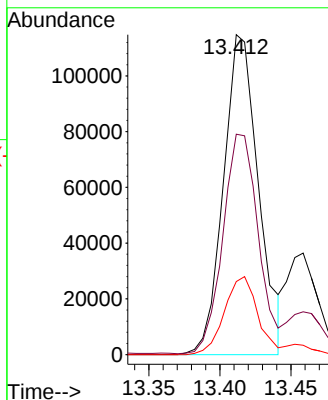
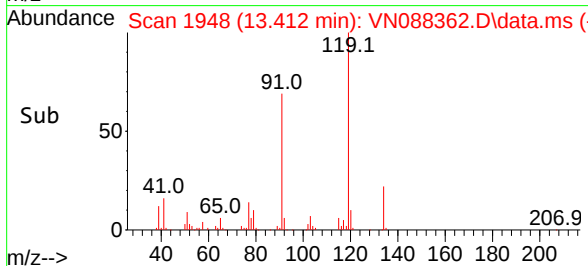
Tgt Ion:119 Resp: 197074
Ion Ratio Lower Upper
119 100
91 69.3 0.0 140.8
134 23.0 0.0 48.4

Manual Integrations
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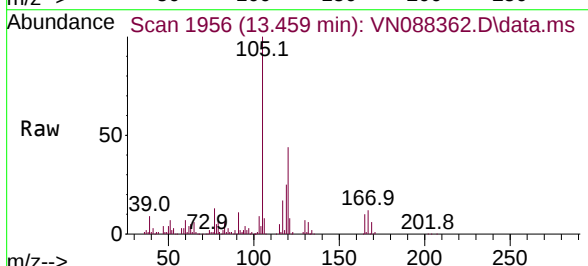
Reviewed By :John
Carlone

12/01/2025
Supervised By :Semsettin
Yesilyurt

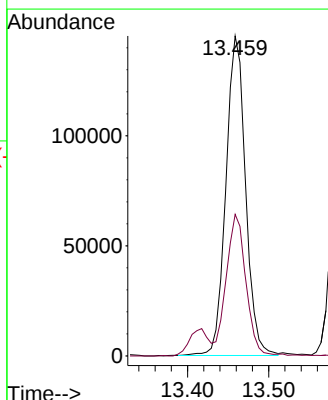
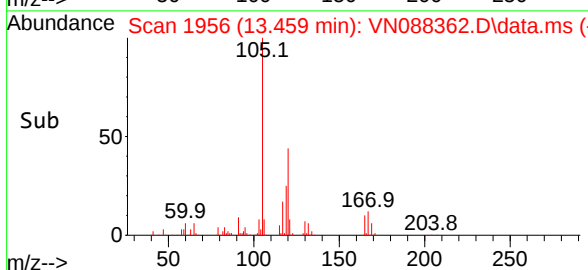
12/01/2025

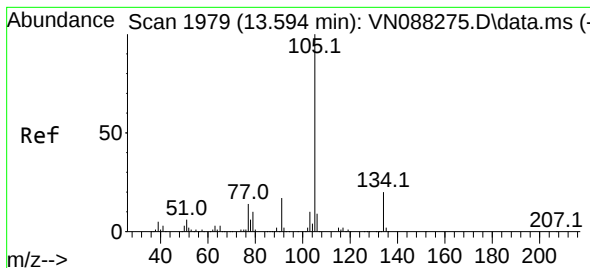


#80
1,2,4-Trimethylbenzene
Concen: 19.795 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06



Tgt Ion:105 Resp: 244467
Ion Ratio Lower Upper
105 100
120 43.9 0.0 89.2





#81
 sec-Butylbenzene
 Concen: 18.411 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088362.D
 Acq: 26 Nov 2025 09:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

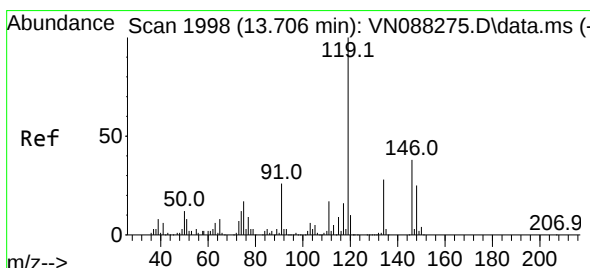
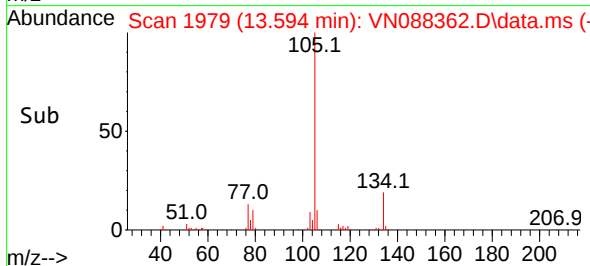
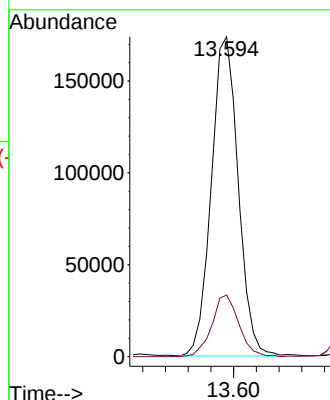
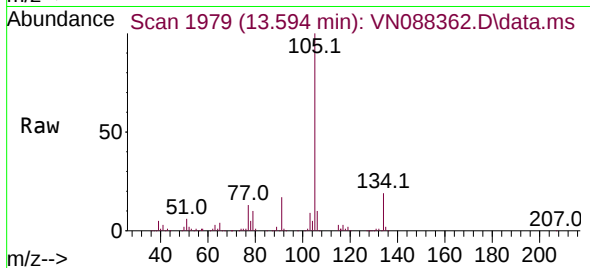
Tgt Ion:105 Resp: 285537
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.4

Manual Integrations
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Reviewed By :John
 Carlone

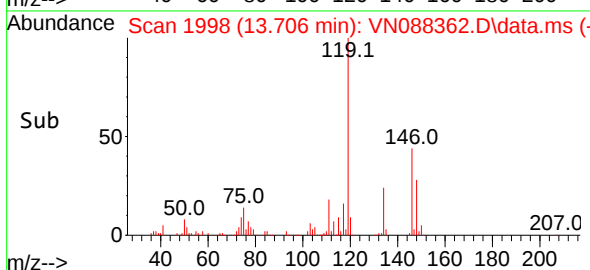
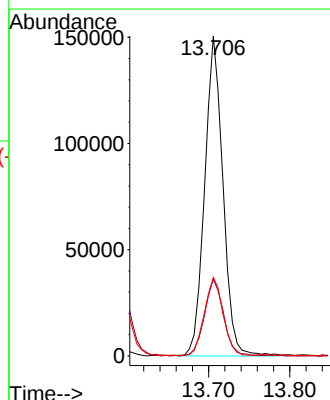
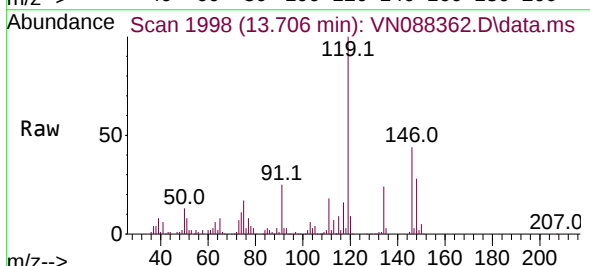
12/01/2025
 Supervised By :Semsettin
 Yesilyurt

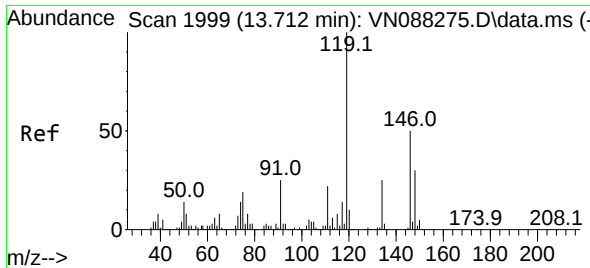
12/01/2025



#82
 p-Isopropyltoluene
 Concen: 18.395 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088362.D
 Acq: 26 Nov 2025 09:06

Tgt Ion:119 Resp: 235745
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 51.2
 91 25.3 0.0 53.4





#83
1,3-Dichlorobenzene
Concen: 20.586 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

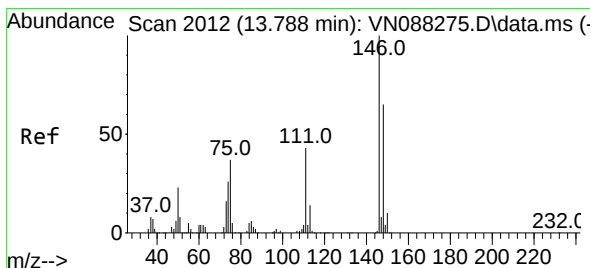
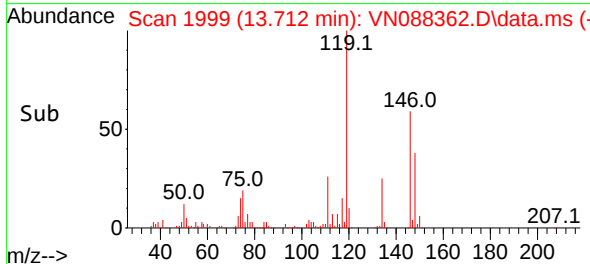
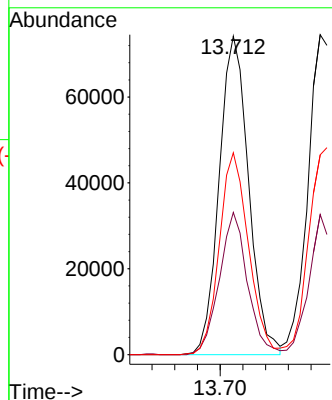
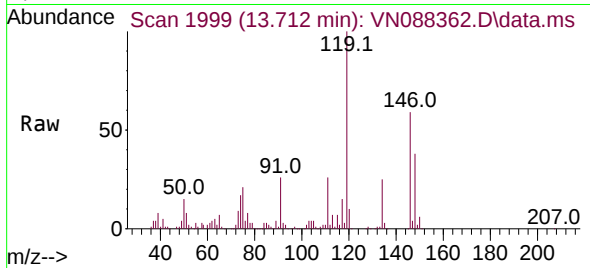
Tgt Ion:146 Resp: 133601
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.5
148 62.6 31.4 94.3

Manual Integrations
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Reviewed By :John
Carlone

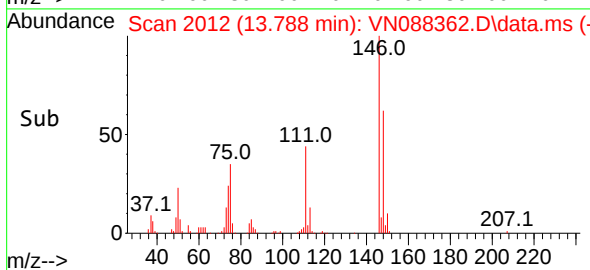
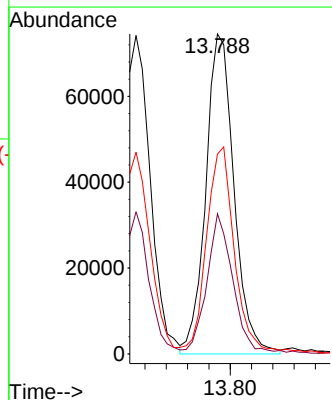
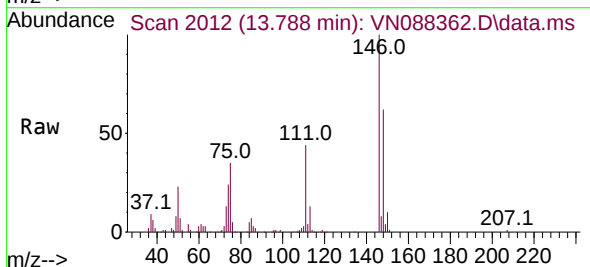
12/01/2025
Supervised By :Semsettin
Yesilyurt

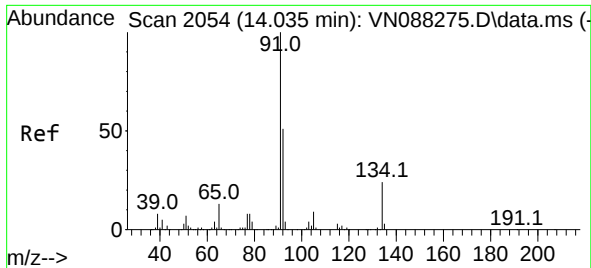
12/01/2025



#84
1,4-Dichlorobenzene
Concen: 20.869 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion:146 Resp: 137161
Ion Ratio Lower Upper
146 100
111 37.1 21.8 65.3
148 65.1 31.9 95.5





#85
n-Butylbenzene
Concen: 17.979 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

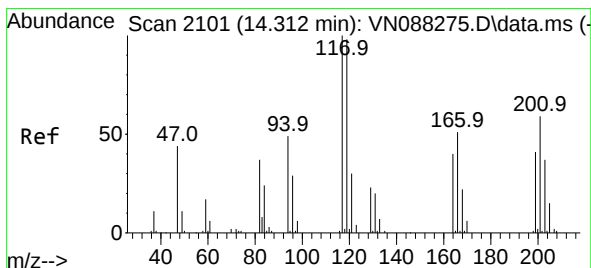
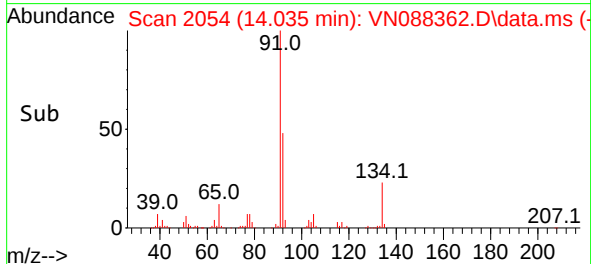
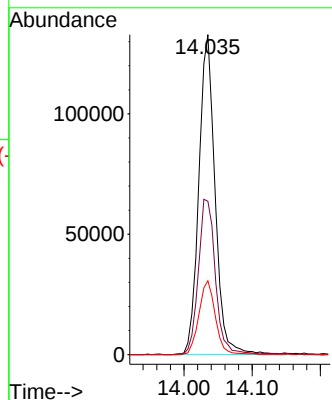
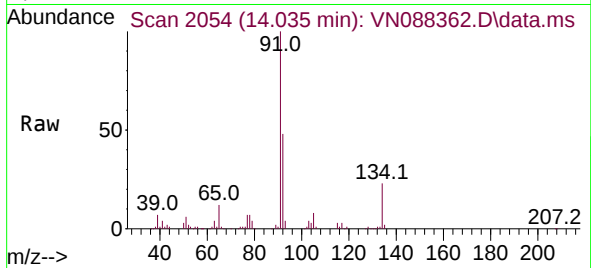
Tgt Ion: 91 Resp: 219592
Ion Ratio Lower Upper
91 100
92 51.1 0.0 102.4
134 23.4 0.0 45.8

Manual Integrations
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Reviewed By :John
Carlone

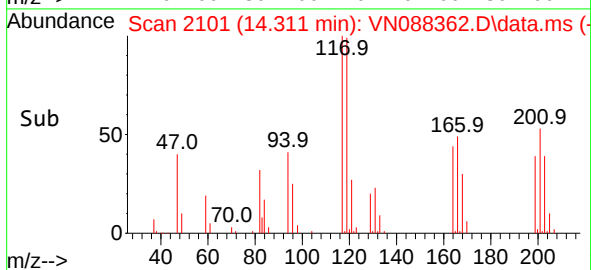
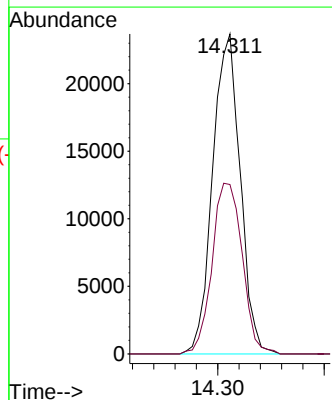
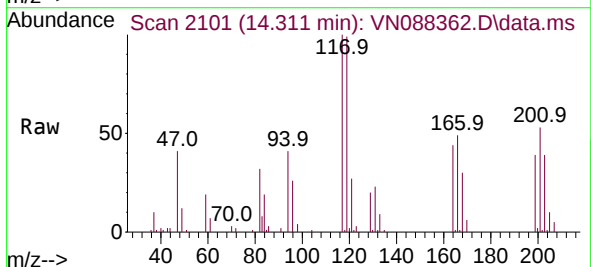
12/01/2025
Supervised By :Semsettin
Yesilyurt

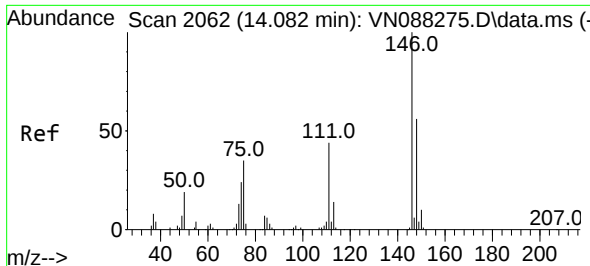
12/01/2025



#86
Hexachloroethane
Concen: 17.338 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

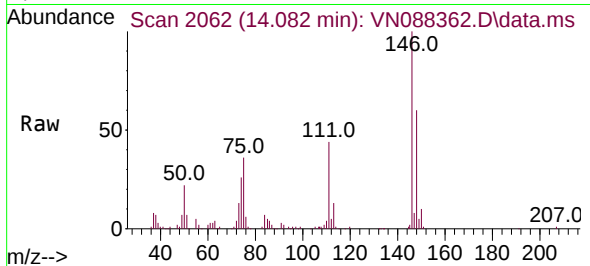
Tgt Ion:117 Resp: 42543
Ion Ratio Lower Upper
117 100
201 58.3 30.6 92.0





#87
1,2-Dichlorobenzene
Concen: 20.718 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



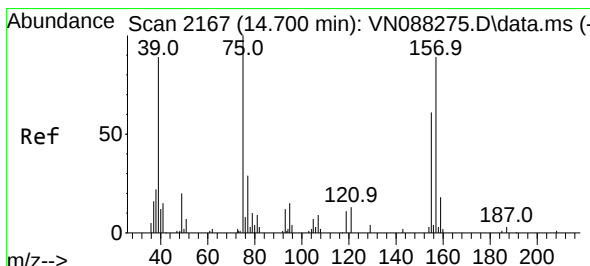
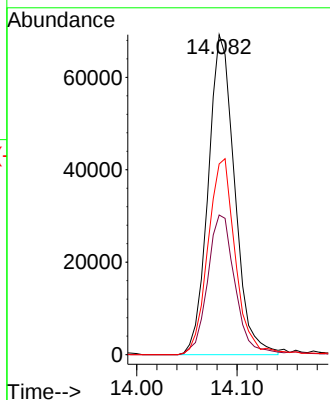
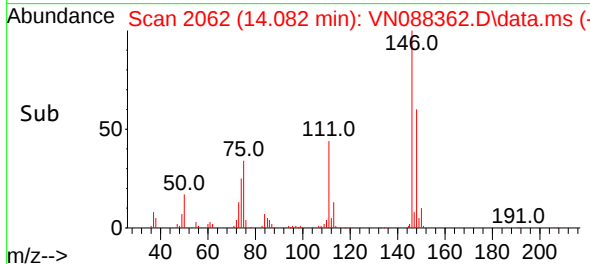
Tgt Ion:146 Resp: 126912
Ion Ratio Lower Upper
146 100
111 45.2 23.0 69.0
148 62.2 31.1 93.2

Manual Integrations
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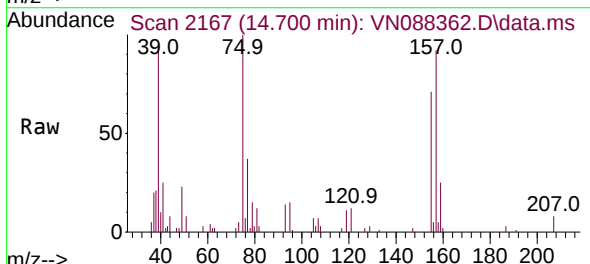
Reviewed By :John
Carlone

12/01/2025
Supervised By :Semsettin
Yesilyurt

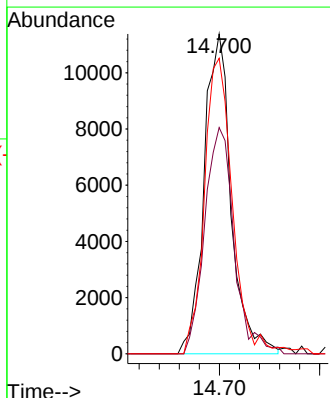
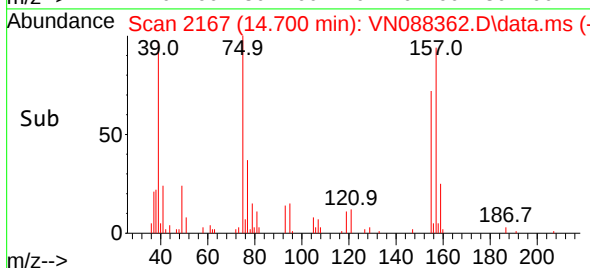
12/01/2025

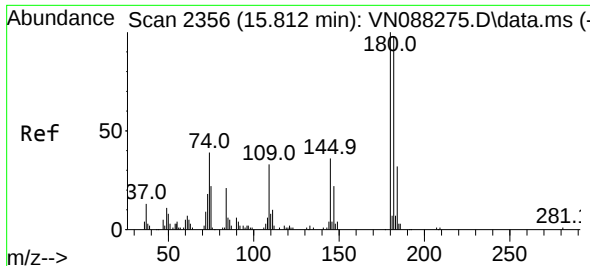


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.968 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06



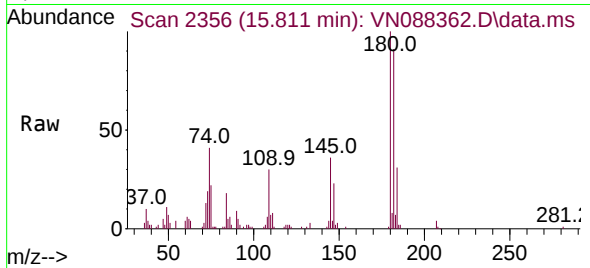
Tgt Ion: 75 Resp: 21368
Ion Ratio Lower Upper
75 100
155 73.3 54.8 82.2
157 92.6 70.7 106.1





#89
1,2,4-Trichlorobenzene
Concen: 20.207 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



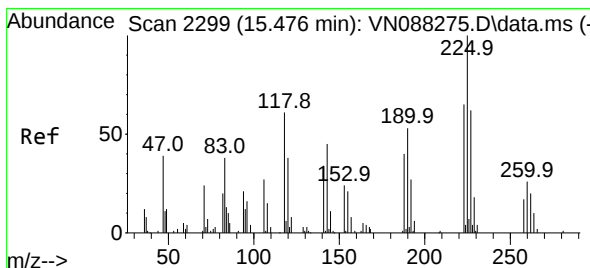
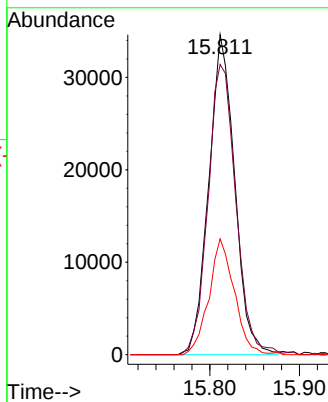
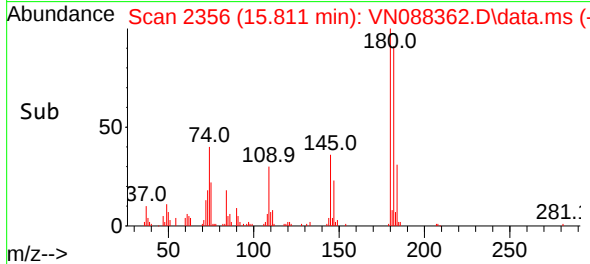
Tgt Ion:180 Resp: 69463
Ion Ratio Lower Upper
180 100
182 97.3 77.3 115.9
145 35.4 30.2 45.4

Manual Integrations
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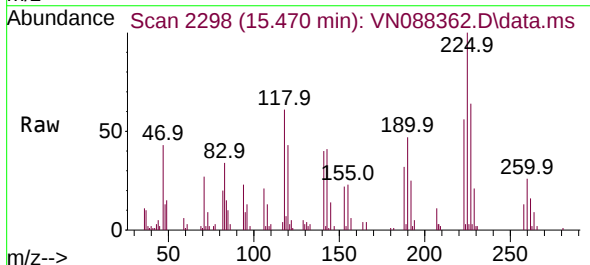
Reviewed By :John
Carlone

12/01/2025
Supervised By :Semsettin
Yesilyurt

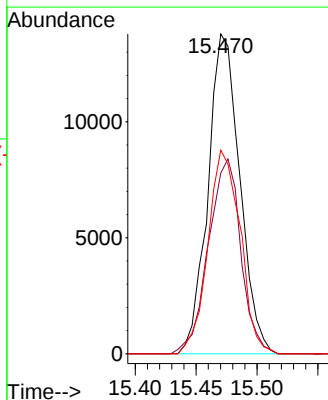
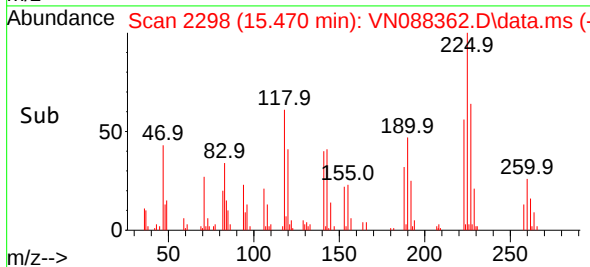
12/01/2025

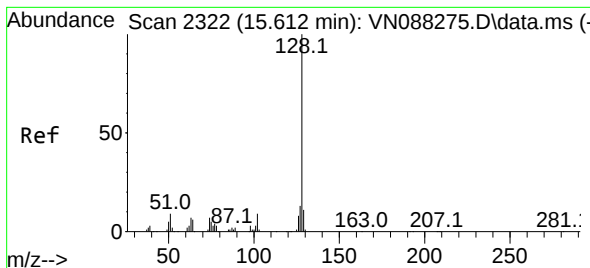


#90
Hexachlorobutadiene
Concen: 18.817 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06



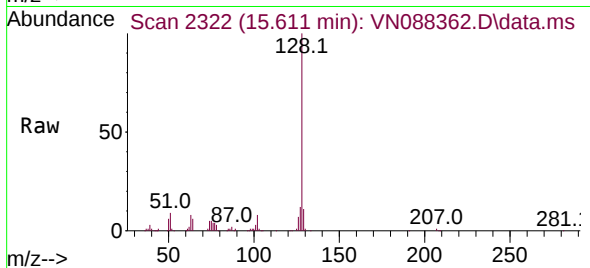
Tgt Ion:225 Resp: 25121
Ion Ratio Lower Upper
225 100
223 62.1 0.0 132.0
227 64.6 0.0 132.6





#91
Naphthalene
Concen: 19.939 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



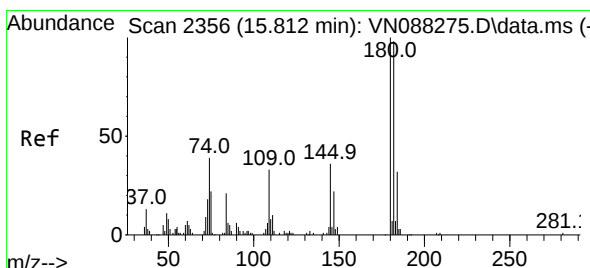
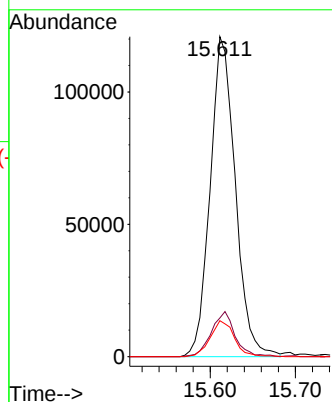
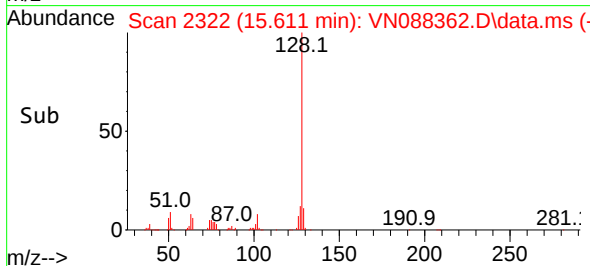
Tgt Ion:128 Resp: 248008
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

12/01/2025
Supervised By :Semsettin
Yesilyurt

12/01/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.207 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088362.D
Acq: 26 Nov 2025 09:06

Tgt Ion:180 Resp: 69463
Ion Ratio Lower Upper
180 100
182 97.3 0.0 193.2
145 35.4 0.0 75.6

