

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077502.D
 Acq On : 28 Apr 2023 14:49
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

04/29/2023

Supervised By :Semsettin
Yesilyurt

04/29/2023

Quant Time: Apr 28 16:09:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:05:06 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Y
-----							04
Internal Standards							
1) Bromochloromethane	7.825	128	66719	30.000	ug/l	0.00	
28) 1,4-Difluorobenzene	9.107	114	510847	30.000	ug/l	0.00	
57) Chlorobenzene-d5	11.866	117	540890	30.000	ug/l	0.00	
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.578	65	186252	30.848	ug/l	-0.01	
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.833%	
60) 4-Bromofluorobenzene	12.854	95	265321	27.780	ug/l	0.00	
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.600%	
63) Toluene-d8	10.572	98	579028	30.427	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.433%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	2.137	85	43170	4.884	ug/l		98
3) Chloromethane	2.372	50	33455	5.228	ug/l		92
4) Vinyl Chloride	2.525	62	45437	5.074	ug/l		94
5) Bromomethane	2.949	94	44443	5.885	ug/l		96
6) Chloroethane	3.125	64	36055m	5.871	ug/l		
7) Trichlorofluoromethane	3.507	101	67126	5.092	ug/l		94
8) Diethyl Ether	3.966	74	22951	4.974	ug/l		93
9) 1,1,2-Trichlorotrifluo...	4.378	101	37158m	4.945	ug/l		
10) 1,1-Dichloroethene	4.343	96	35997	5.029	ug/l		96
11) Methyl Iodide	4.601	142	40536m	4.584	ug/l		
12) Methyl Acetate	5.042	43	50533	4.904	ug/l		88
13) Acrolein	4.190	56	30644	24.715	ug/l		93
14) Acrylonitrile	5.737	53	79346	24.915	ug/l #		87
15) Acetone	4.437	58	23786	23.621	ug/l		98
16) Carbon Disulfide	4.719	76	91219	5.014	ug/l		98
17) Allyl chloride	5.037	41	40253	5.191	ug/l		94
18) Methylene Chloride	5.290	84	43604	5.195	ug/l #		81
19) trans-1,2-Dichloroethene	5.795	96	39573	5.003	ug/l		95
20) Diisopropyl ether	6.678	45	88937	4.883	ug/l		95
21) 1,1-Dichloroethane	6.578	63	65966	4.923	ug/l		99
22) cis-1,2-Dichloroethene	7.489	96	47701	5.047	ug/l		96
23) tert-Butyl Alcohol	5.537	59	35312	25.460	ug/l #		100
24) Methyl tert-Butyl Ether	5.807	73	125049	5.039	ug/l #		91
25) Chloroform	7.972	83	74751	4.857	ug/l		94
26) Cyclohexane	8.260	56	53745	4.943	ug/l #		99
29) 1,1-Dichloropropene	8.378	75	53359	4.809	ug/l		88
30) 2-Butanone	7.495	43	99166	24.776	ug/l		98
31) 2,2-Dichloropropane	7.501	77	61531m	4.688	ug/l		
32) 1,1,1-Trichloroethane	8.178	97	67120	4.672	ug/l #		80
33) Carbon Tetrachloride	8.372	117	59423	4.797	ug/l		95
34) Benzene	8.613	78	165143	4.870	ug/l #		93
35) Methacrylonitrile	7.789	41	20594	4.946	ug/l		84
36) 1,2-Dichloroethane	8.678	62	55980	4.829	ug/l #		89
37) Trichloroethene	9.354	130	42015	4.833	ug/l		98
38) Methylcyclohexane	9.601	83	68624	4.699	ug/l		94
39) 1,2-Dichloropropane	9.625	63	39426	5.034	ug/l		96
40) Dibromomethane	9.713	93	30883	4.961	ug/l		97
41) Bromodichloromethane	9.895	83	57798	4.679	ug/l #		95
42) Vinyl Acetate	6.613	43	323635m	28.011	ug/l		

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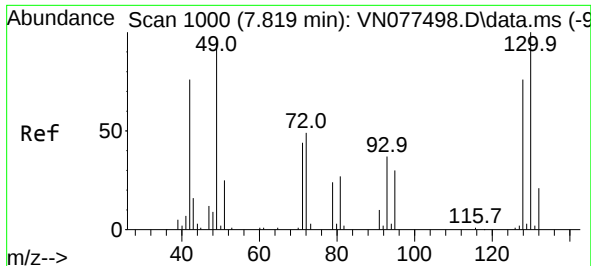
Manual Integrations APPROVED

Reviewed By : John Carlone 04/29/2023
 Supervised By : Semsettin Yesilyurt 04/29/2023

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 Supervised By : Semsettin
 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.566	43	37767	4.740	ug/l	#	88
44) Isopropyl Acetate	8.695	43	65710	4.706	ug/l		99
45) 1,4-Dioxane	9.701	88	16730	98.879	ug/l	#	89
46) Methyl methacrylate	9.683	41	30755	4.864	ug/l		99
47) n-amyl Acetate	12.495	43	50285	4.430	ug/l		96
48) t-1,3-Dichloropropene	10.842	75	56493	4.468	ug/l		97
49) cis-1,3-Dichloropropene	10.319	75	61253	4.480	ug/l		91
50) 1,1,2-Trichloroethane	11.019	97	41945	4.714	ug/l		96
51) Ethyl methacrylate	10.872	69	56467	4.575	ug/l		97
52) 1,3-Dichloropropane	11.166	76	68620	4.765	ug/l		96
53) Dibromochloromethane	11.366	129	40649	4.412	ug/l		98
54) 1,2-Dibromoethane	11.471	107	44804	4.967	ug/l		98
55) 2-Chloroethyl vinyl ether	10.160	63	86008	21.426	ug/l		97
56) Bromoform	12.583	173	25305	4.394	ug/l	#	93
58) 4-Methyl-2-Pentanone	10.448	43	203583	25.199	ug/l		97
59) 2-Hexanone	11.195	43	147456	24.663	ug/l		100
61) Tetrachloroethene	11.107	164	31994	4.818	ug/l	#	90
62) Toluene	10.636	91	183243	4.811	ug/l		97
64) Chlorobenzene	11.895	112	113242	4.899	ug/l		99
65) 1,1,1,2-Tetrachloroethane	11.966	131	39229	4.733	ug/l		99
66) Ethyl Benzene	11.966	91	199120	4.787	ug/l		97
67) m/p-Xylenes	12.071	106	150781	9.286	ug/l		95
68) o-Xylene	12.401	106	75970	4.750	ug/l		97
69) Styrene	12.413	104	113610	4.512	ug/l		98
70) Isopropylbenzene	12.701	105	186204	4.529	ug/l		99
71) 1,1,2,2-Tetrachloroethane	12.942	83	60926	4.902	ug/l		100
72) 1,2,3-Trichloropropane	12.989	75	51776m	4.949	ug/l		
73) Bromobenzene	12.983	156	42474	4.881	ug/l		98
74) n-propylbenzene	13.036	91	206296	4.513	ug/l		98
75) 2-Chlorotoluene	13.130	91	130188	4.627	ug/l		97
76) 1,3,5-Trimethylbenzene	13.177	105	128974	4.081	ug/l		99
77) t-1,4-Dichloro-2-butene	12.736	75	14719	4.151	ug/l		81
78) 4-Chlorotoluene	13.224	91	118417	4.475	ug/l		98
79) tert-butylbenzene	13.442	119	131033	4.505	ug/l		97
80) 1,2,4-Trimethylbenzene	13.489	105	108519	3.699	ug/l		94
81) sec-Butylbenzene	13.618	105	176420	4.289	ug/l		98
82) p-Isopropyltoluene	13.736	119	135521	4.206	ug/l		98
83) 1,3-Dichlorobenzene	13.736	146	68726	4.396	ug/l		98
84) 1,4-Dichlorobenzene	13.813	146	68808	4.451	ug/l		99
85) n-Butylbenzene	14.060	91	94173	3.698	ug/l		100
86) Hexachloroethane	14.336	117	28872	4.456	ug/l		97
87) 1,2-Dichlorobenzene	14.112	146	72091	4.607	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	11088	4.756	ug/l		94
89) 1,2,4-Trichlorobenzene	15.395	180	14489	3.169	ug/l		93
90) Hexachlorobutadiene	15.501	225	16172	4.860	ug/l		99
91) Naphthalene	15.642	128	48832	2.857	ug/l	#	88
92) 1,2,3-Trichlorobenzene	15.836	180	13951	3.178	ug/l		71

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

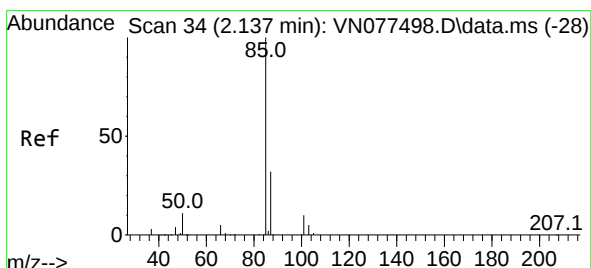
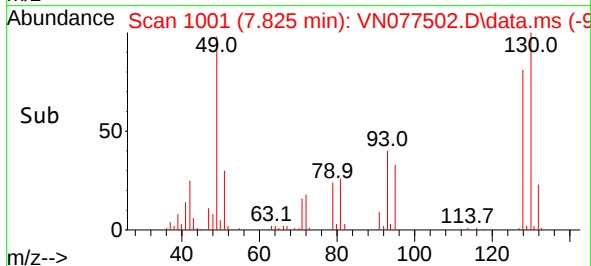
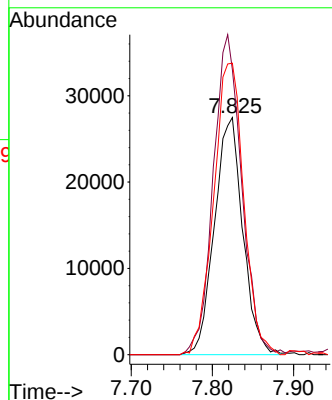
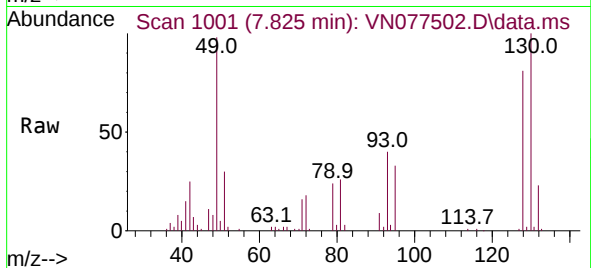
Tgt Ion:128 Resp: 66719
Ion Ratio Lower Upper
128 100
49 134.9 0.0 338.5
130 130.6 0.0 326.3

Manual Integrations
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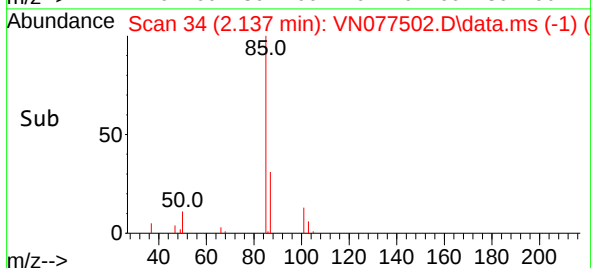
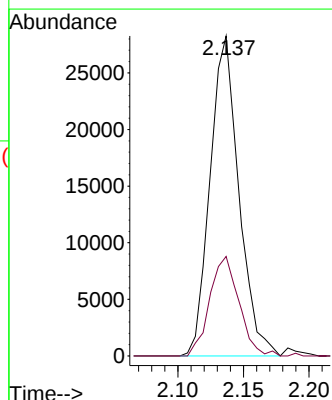
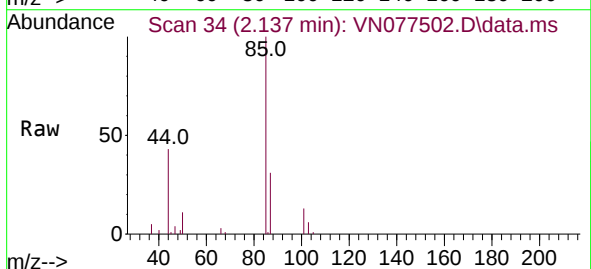
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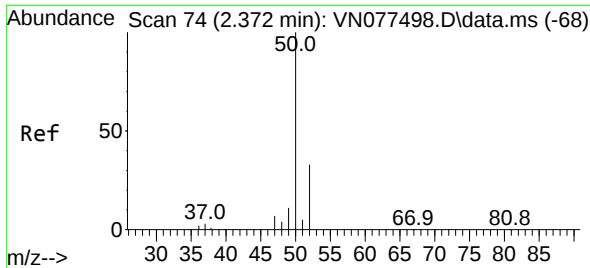
04/29/2023



#2
Dichlorodifluoromethane
Concen: 4.884 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 85 Resp: 43170
Ion Ratio Lower Upper
85 100
87 31.1 16.1 48.3





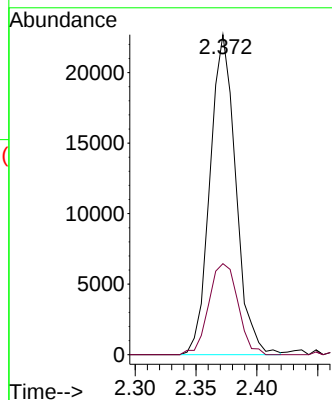
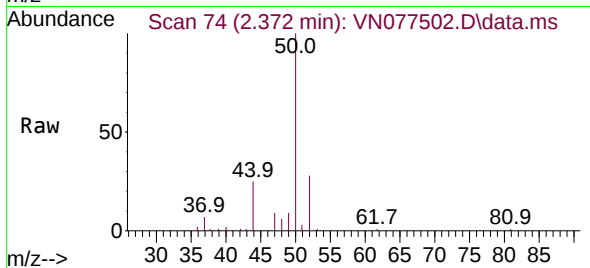
#3
Chloromethane
Concen: 5.228 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 3345
Ion Ratio Lower Upper
50 100
52 28.5 26.6 39.8

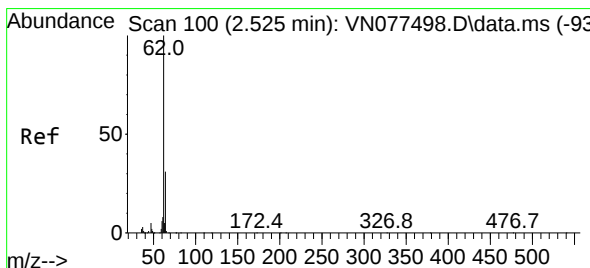
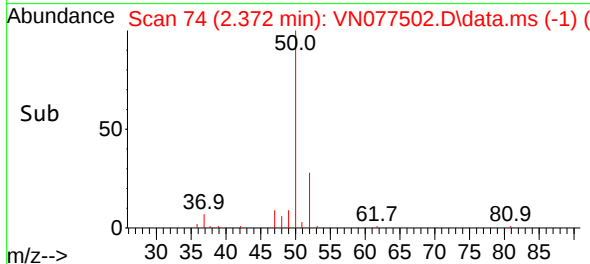
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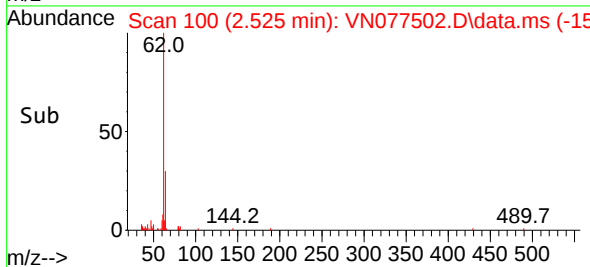
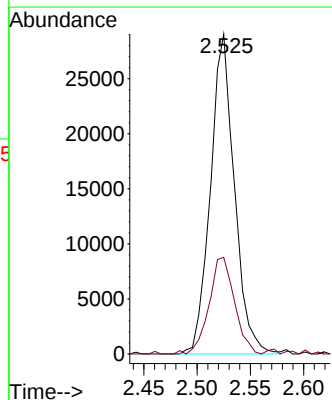
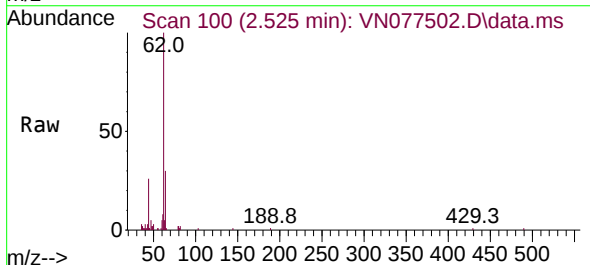
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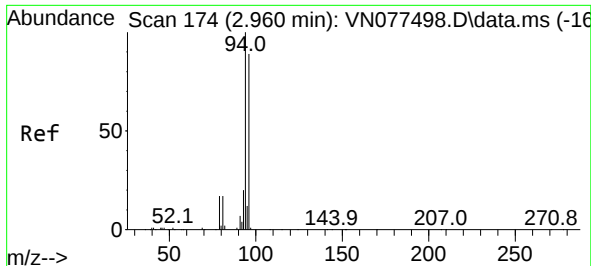
04/29/2023



#4
Vinyl Chloride
Concen: 5.074 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 62 Resp: 45437
Ion Ratio Lower Upper
62 100
64 30.2 27.1 40.7





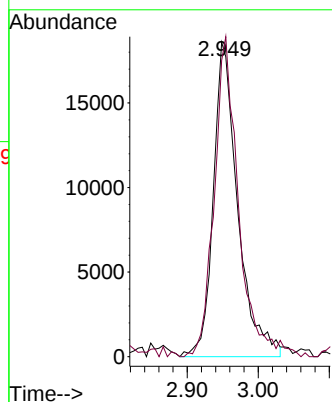
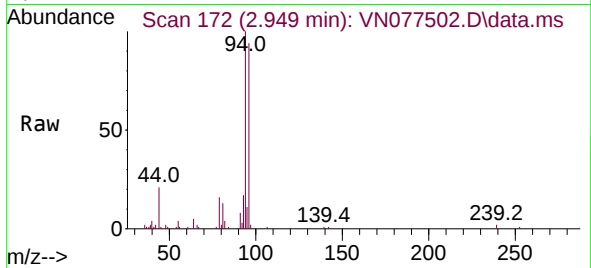
#5
Bromomethane
Concen: 5.885 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 94 Resp: 4444
Ion Ratio Lower Upper
94 100
96 94.2 72.6 108.8

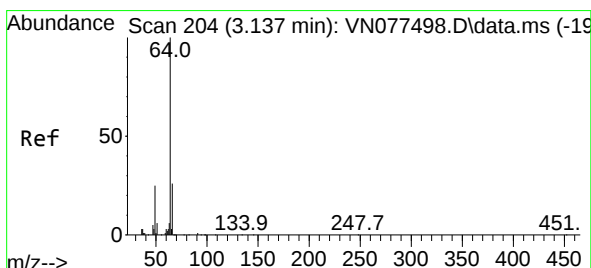
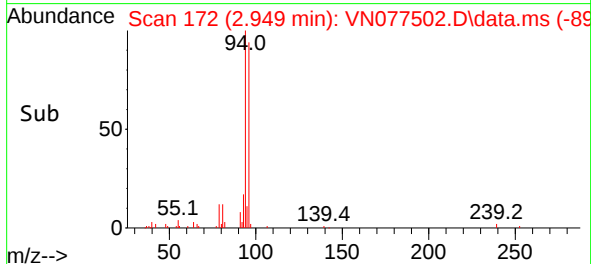
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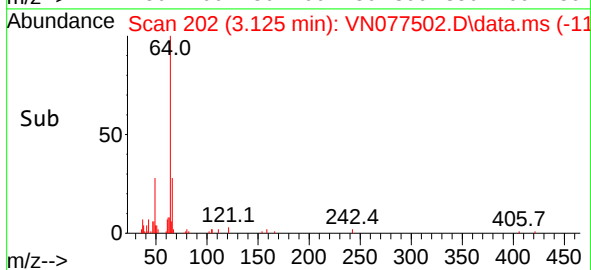
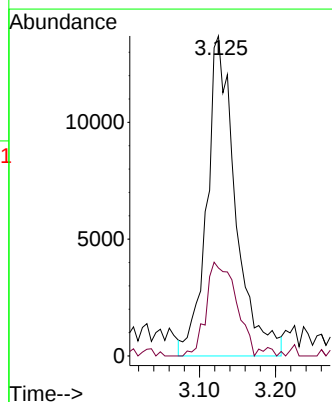
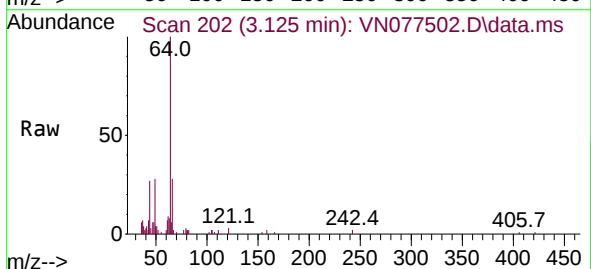
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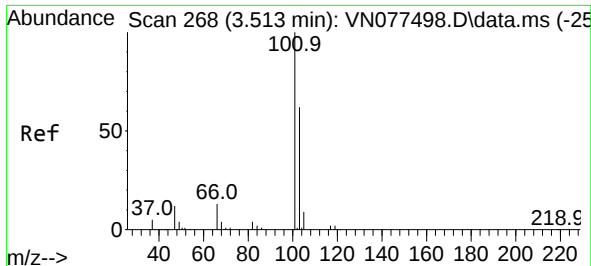
04/29/2023



#6
Chloroethane
Concen: 5.871 ug/l m
RT: 3.125 min Scan# 202
Delta R.T. -0.012 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

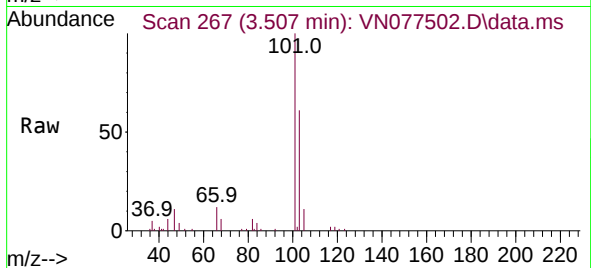
Tgt Ion: 64 Resp: 36055
Ion Ratio Lower Upper
64 100
66 27.5 29.1 43.7#





#7
Trichlorofluoromethane
Concen: 5.092 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

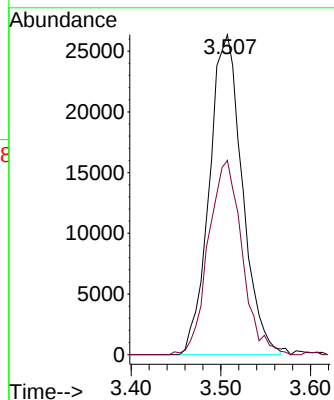
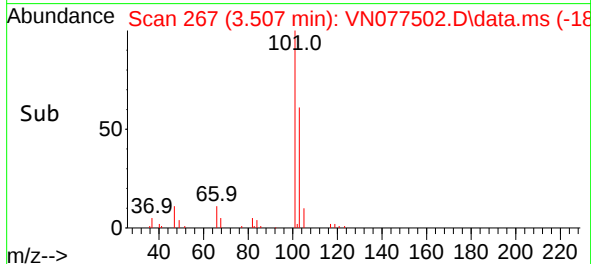
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 101 Resp: 67120
Ion Ratio Lower Upper
101 100
103 60.2 51.8 77.8

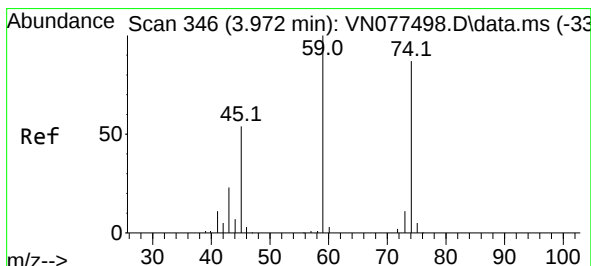
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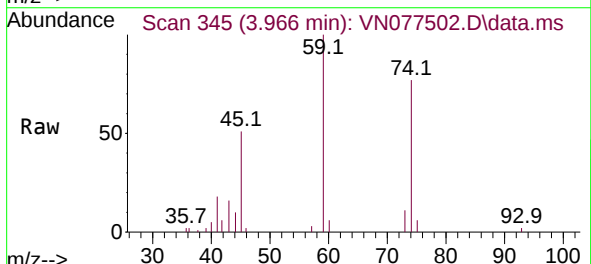


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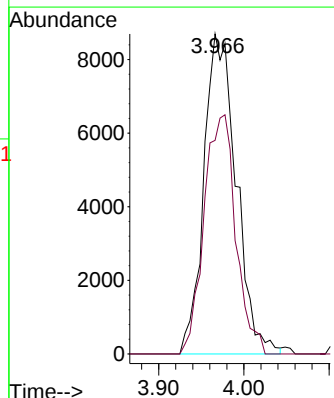
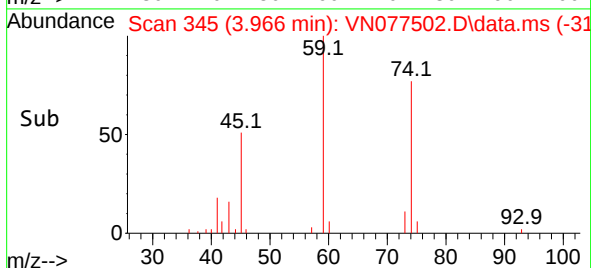
04/29/2023

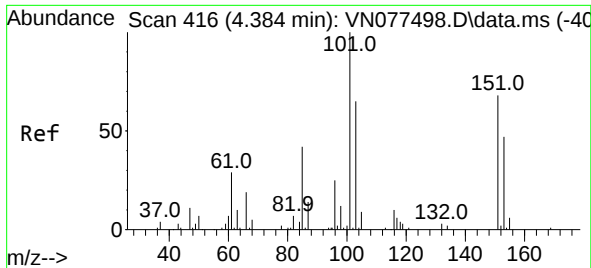


#8
Diethyl Ether
Concen: 4.974 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49



Tgt Ion: 74 Resp: 22951
Ion Ratio Lower Upper
74 100
45 73.1 13.6 122.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.945 ug/l m
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

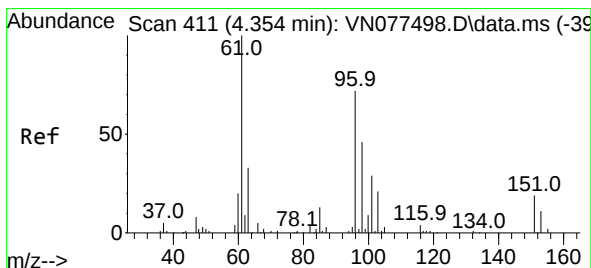
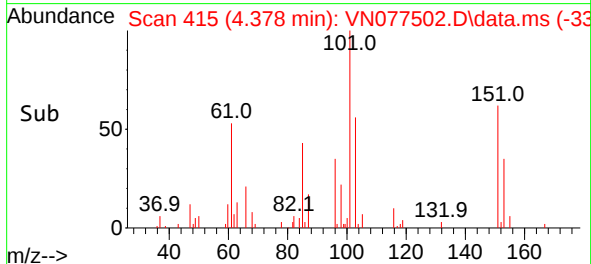
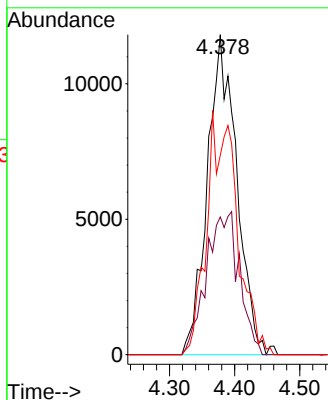
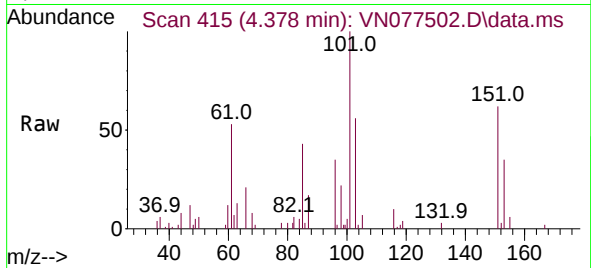
Tgt Ion:101 Resp: 37158
Ion Ratio Lower Upper
101 100
85 28.9 0.0 90.4
151 29.7 0.0 140.8

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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

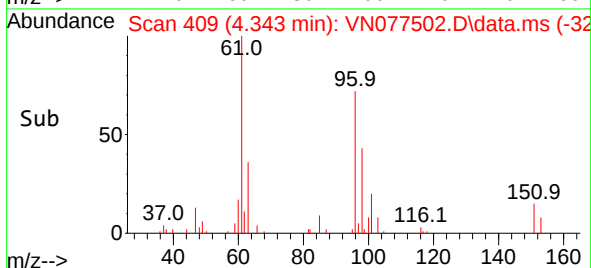
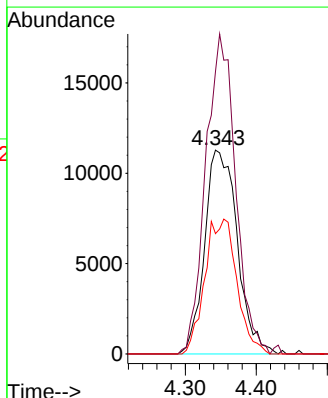
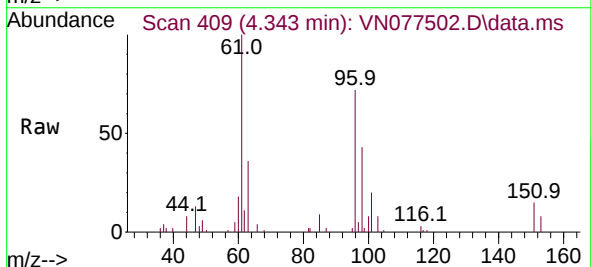
04/29/2023
Supervised By :Semsettin
Yesilyurt

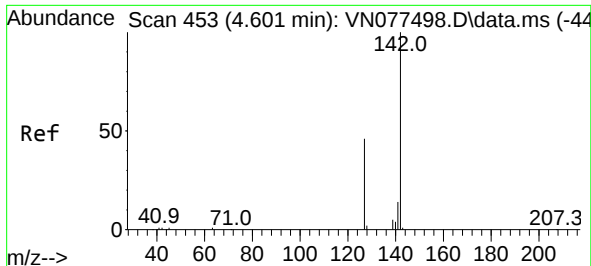
04/29/2023



#10
1,1-Dichloroethene
Concen: 5.029 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

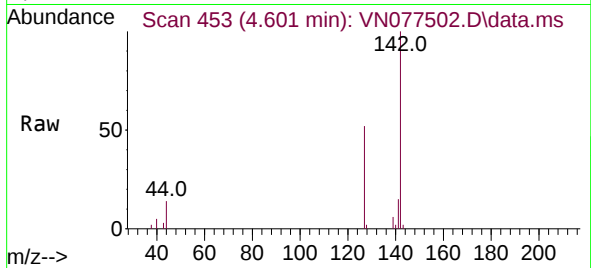
Tgt Ion: 96 Resp: 35997
Ion Ratio Lower Upper
96 100
61 138.5 108.8 163.2
98 61.3 43.5 65.3





#11
Methyl Iodide
Concen: 4.584 ug/l m
RT: 4.601 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



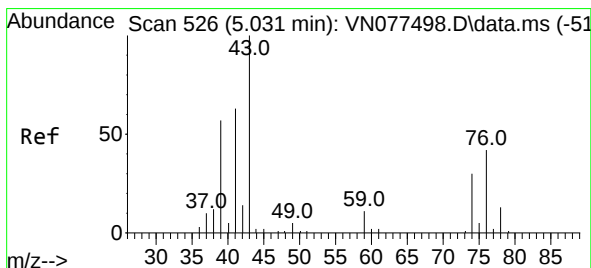
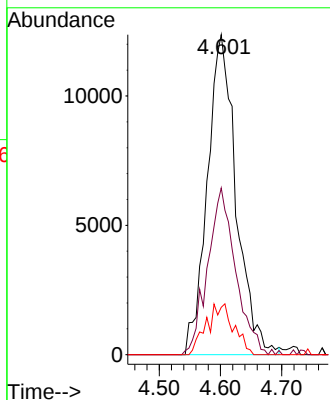
Tgt Ion:142 Resp: 40530
Ion Ratio Lower Upper
142 100
127 52.1 23.1 69.3
141 14.8 6.0 18.0

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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

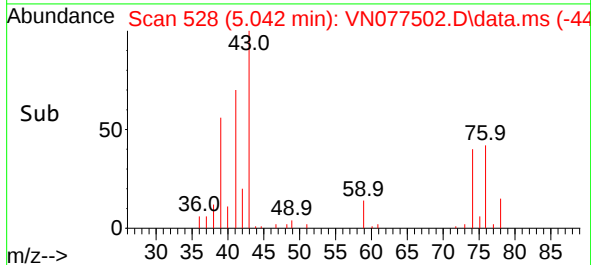
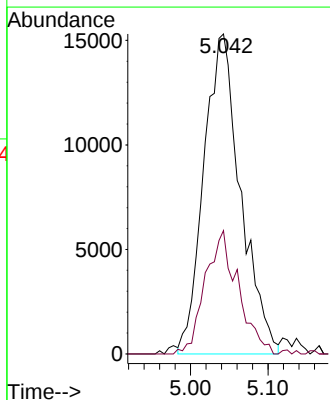
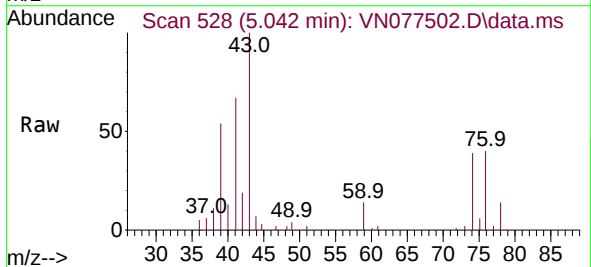
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Supervised By :Semsettin
Yesilyurt

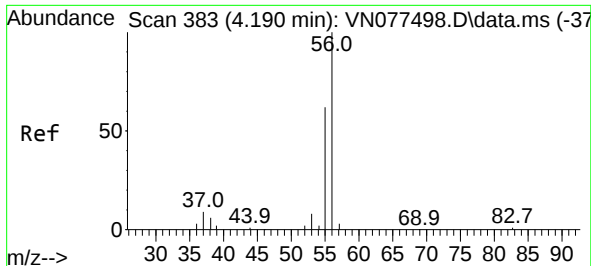
04/29/2023



#12
Methyl Acetate
Concen: 4.904 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

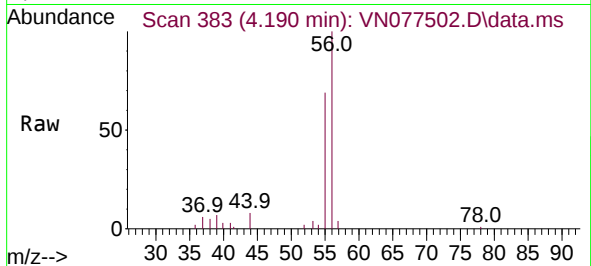
Tgt Ion: 43 Resp: 50533
Ion Ratio Lower Upper
43 100
74 38.7 25.8 38.8





#13
Acrolein
Concen: 24.715 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



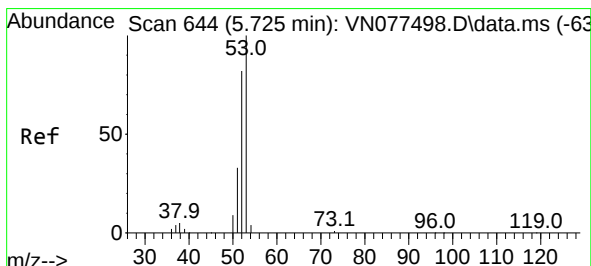
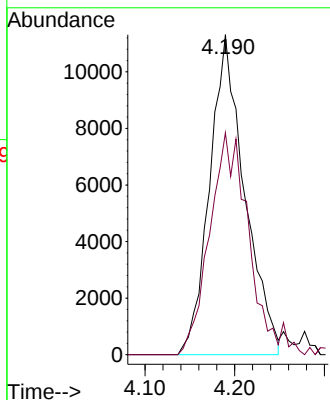
Tgt Ion: 56 Resp: 30644
Ion Ratio Lower Upper
56 100
55 75.5 55.8 83.6

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Supervised By :Semsettin Yesilyurt 04/29/2023

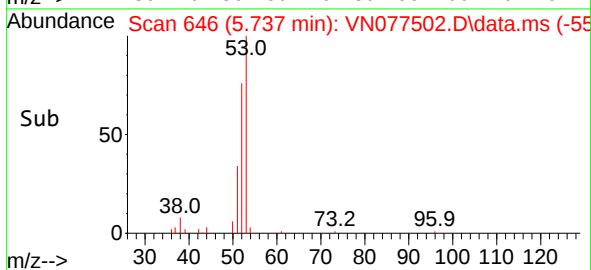
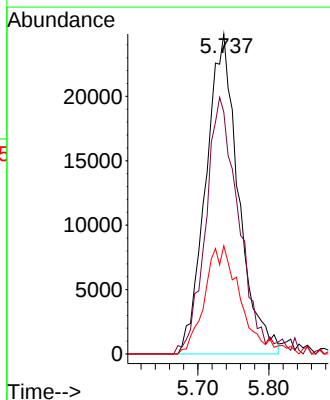
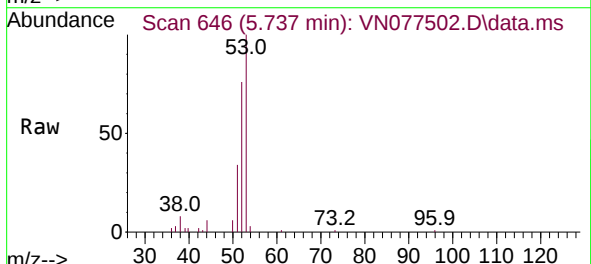
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Supervised By :Semsettin
Yesilyurt

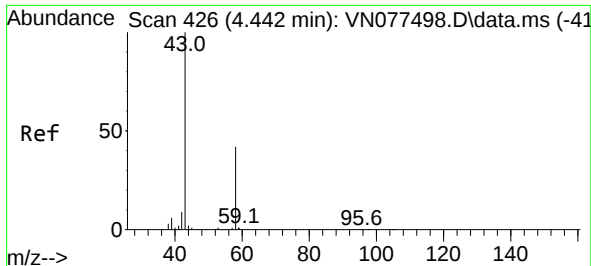
04/29/2023



#14
Acrylonitrile
Concen: 24.915 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.012 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

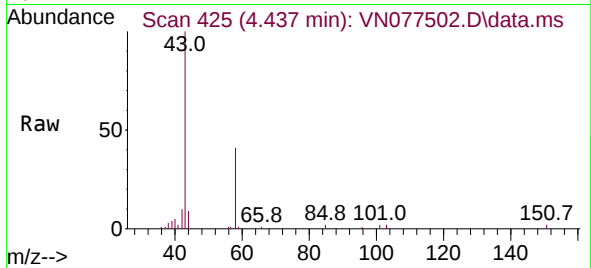
Tgt Ion: 53 Resp: 79346
Ion Ratio Lower Upper
53 100
52 79.6 41.9 125.6
51 17.0 18.0 54.0#





#15
Acetone
Concen: 23.621 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



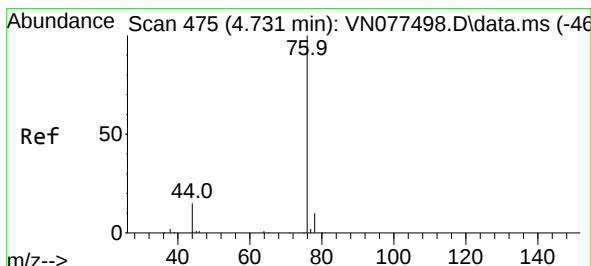
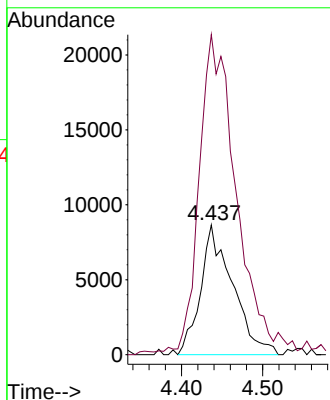
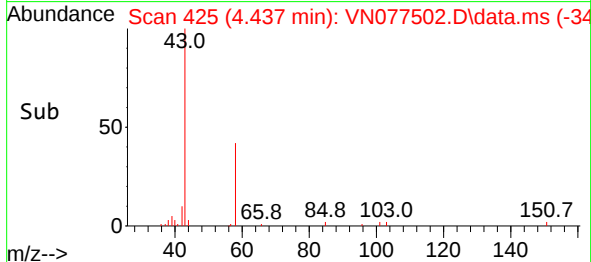
Tgt Ion: 58 Resp: 23780
Ion Ratio Lower Upper
58 100
43 242.2 197.2 295.8

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Supervised By :Semsettin Yesilyurt 04/29/2023

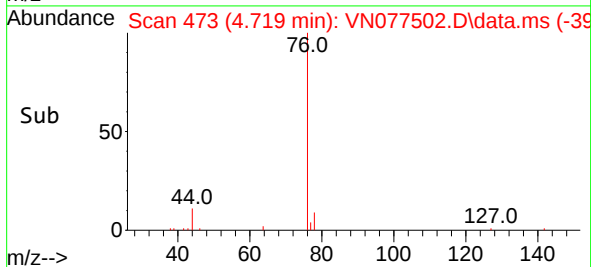
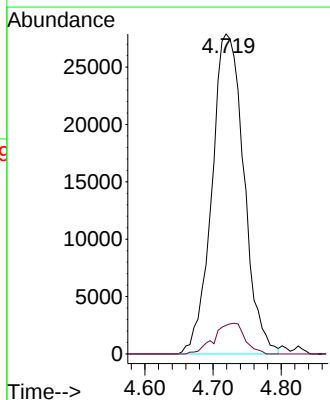
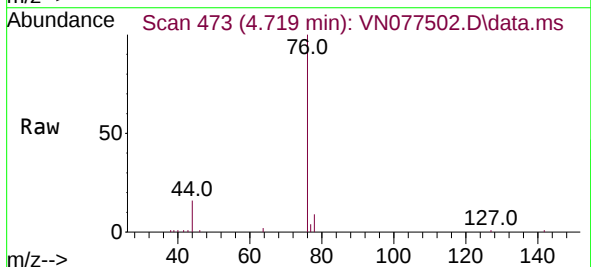
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Supervised By :Semsettin
Yesilyurt

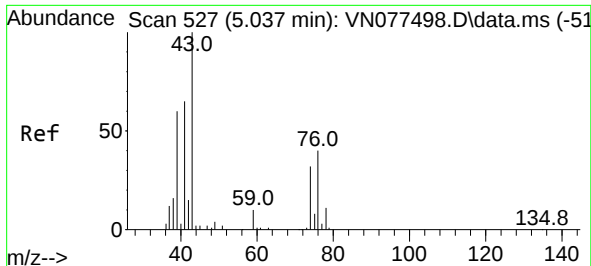
04/29/2023



#16
Carbon Disulfide
Concen: 5.014 ug/l
RT: 4.719 min Scan# 473
Delta R.T. -0.012 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

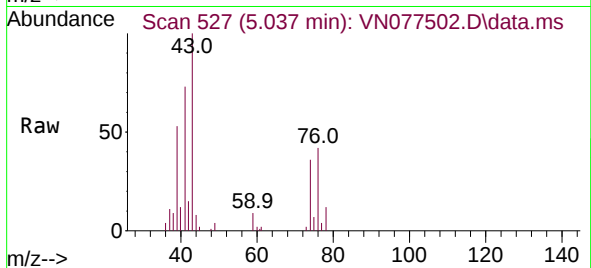
Tgt Ion: 76 Resp: 91219
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8





#17
 Allyl chloride
 Concen: 5.191 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN077502.D
 Acq: 28 Apr 2023 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



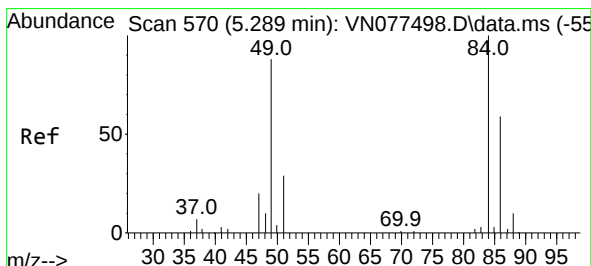
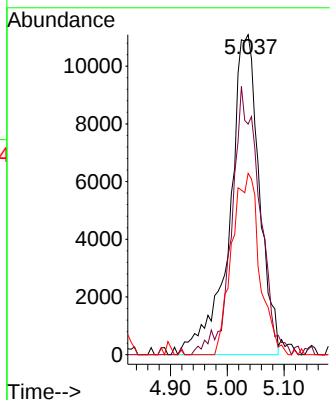
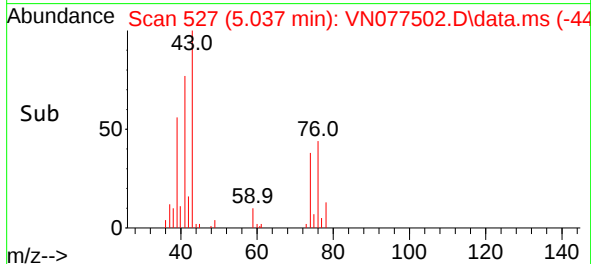
Tgt Ion: 41 Resp: 4025
 Ion Ratio Lower Upper
 41 100
 39 72.1 38.6 116.0
 76 56.6 26.1 78.3

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Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023

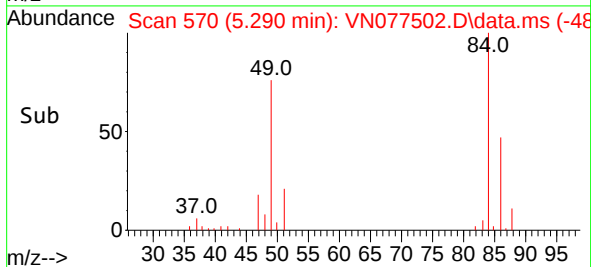
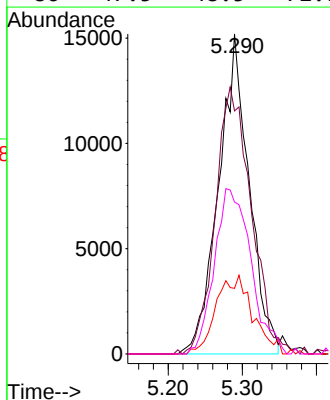
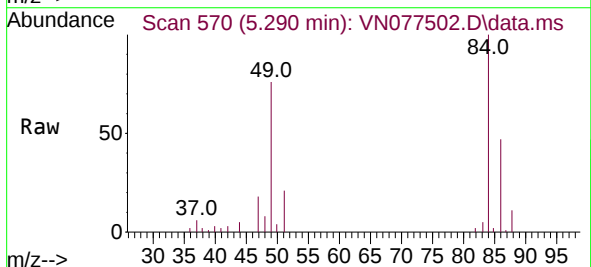
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 Supervised By :Semsettin
 Yesilyurt

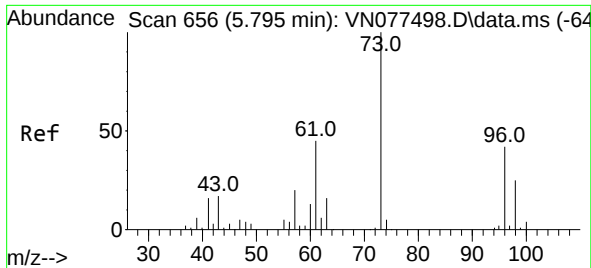
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#18
 Methylene Chloride
 Concen: 5.195 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: VN077502.D
 Acq: 28 Apr 2023 14:49

Tgt Ion: 84 Resp: 43604
 Ion Ratio Lower Upper
 84 100
 49 74.7 74.6 112.0
 51 20.5 25.0 37.6#
 86 47.5 48.5 72.7#





#19
trans-1,2-Dichloroethene
Concen: 5.003 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 3957
Ion Ratio Lower Upper
96 100
61 110.6 89.7 134.5
98 68.4 47.0 70.4

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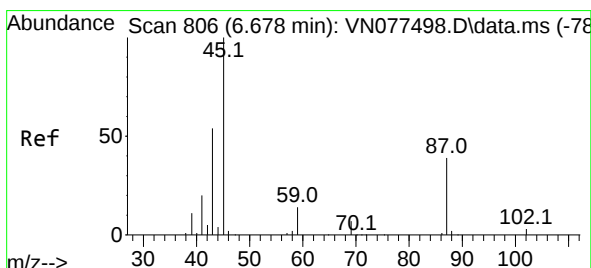
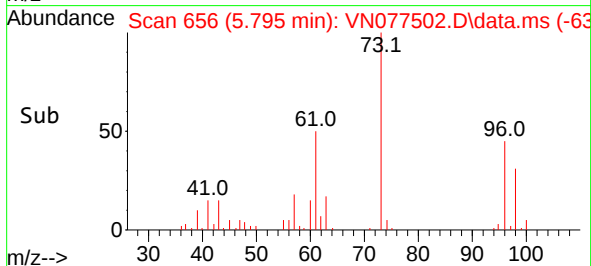
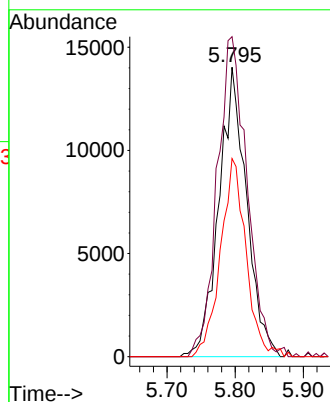
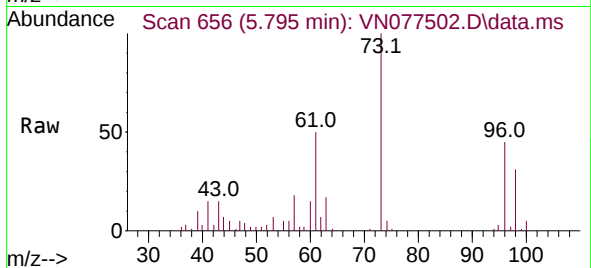
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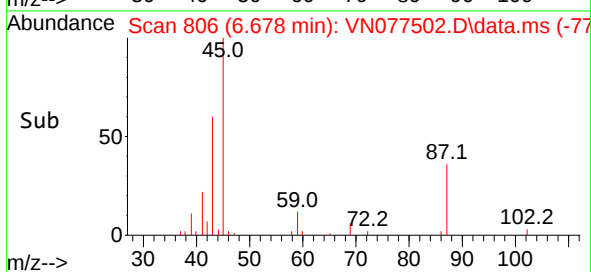
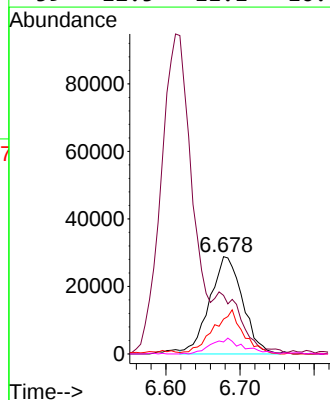
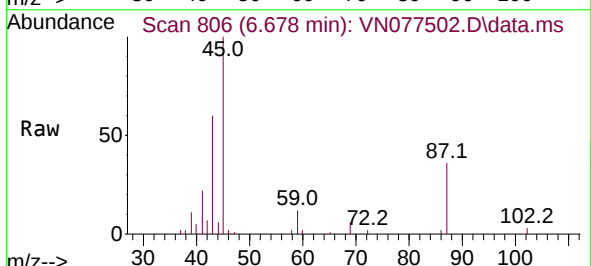
Supervised By :Semsettin
Yesilyurt

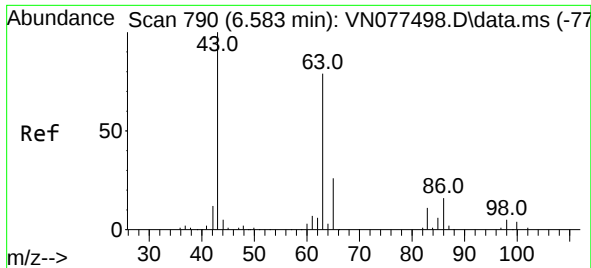
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#20
Diisopropyl ether
Concen: 4.883 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 45 Resp: 88937
Ion Ratio Lower Upper
45 100
43 56.7 46.6 69.8
87 36.3 34.6 52.0
59 12.5 11.1 16.7





#21
1,1-Dichloroethane
Concen: 4.923 ug/l
RT: 6.578 min Scan# 790
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

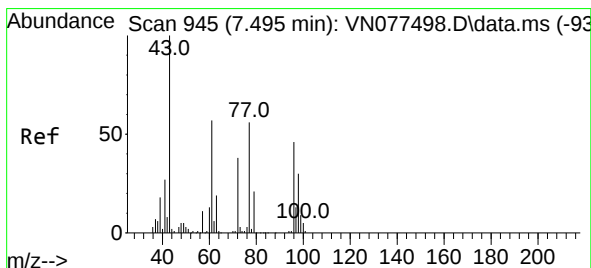
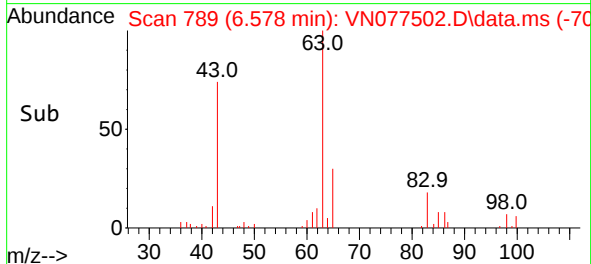
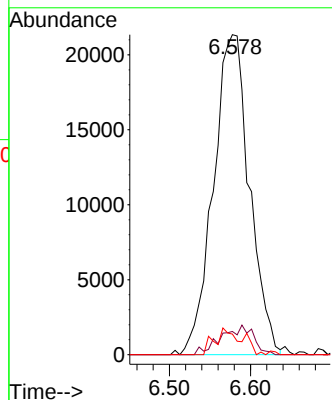
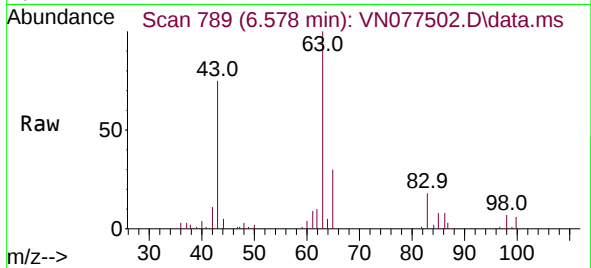
Tgt Ion: 63 Resp: 6596
Ion Ratio Lower Upper
63 100
98 7.3 4.0 12.0
100 6.4 3.4 10.1

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Supervised By :Semsettin Yesilyurt 04/29/2023

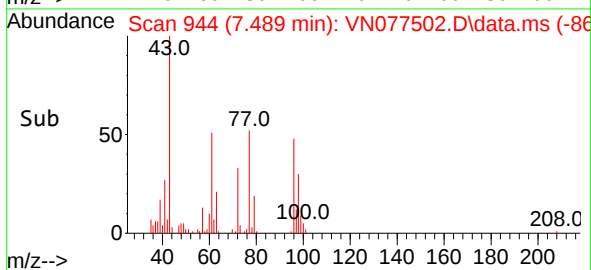
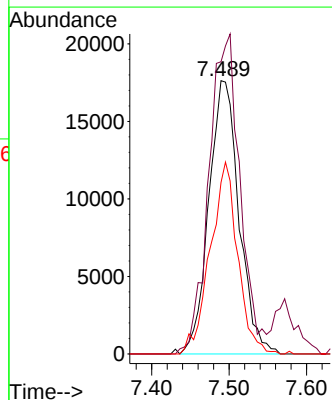
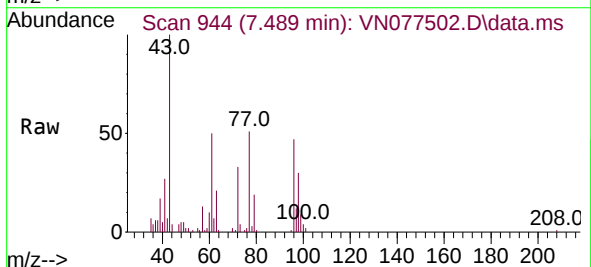
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Supervised By :Semsettin
Yesilyurt

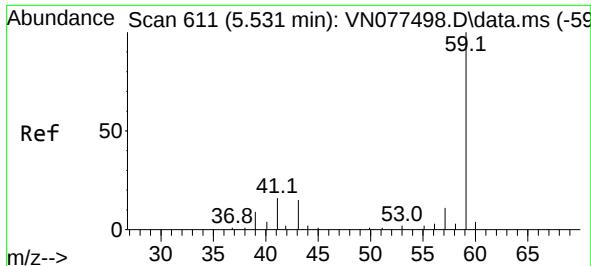
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#22
cis-1,2-Dichloroethene
Concen: 5.047 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 96 Resp: 47701
Ion Ratio Lower Upper
96 100
61 118.5 100.2 150.2
98 63.7 51.6 77.4





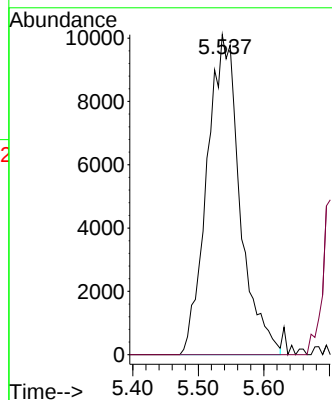
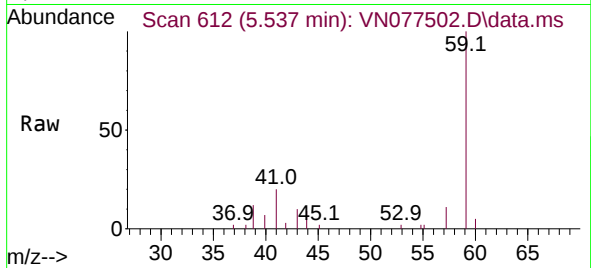
#23
tert-Butyl Alcohol
Concen: 25.460 ug/l
RT: 5.537 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 35312
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

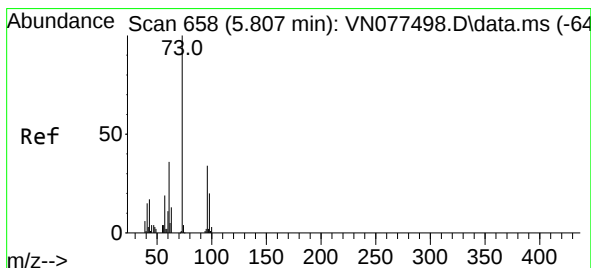
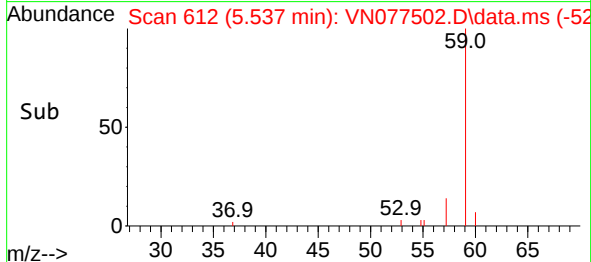
Manual Integrations
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



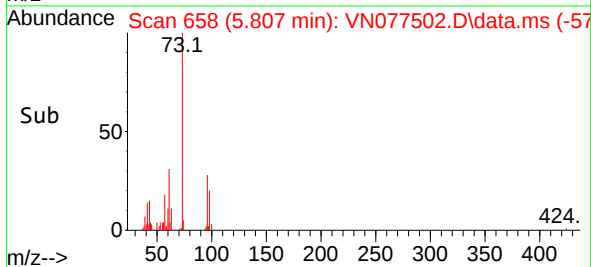
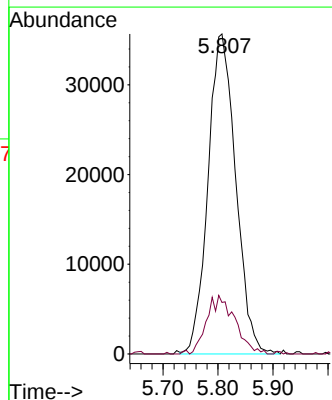
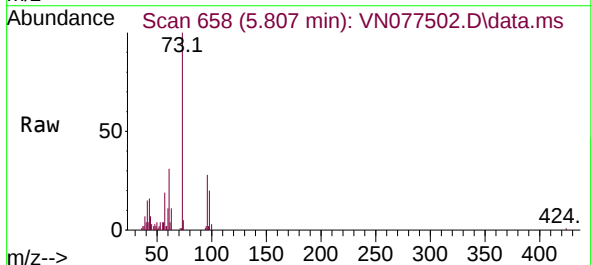
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Supervised By :Semsettin
Yesilyurt

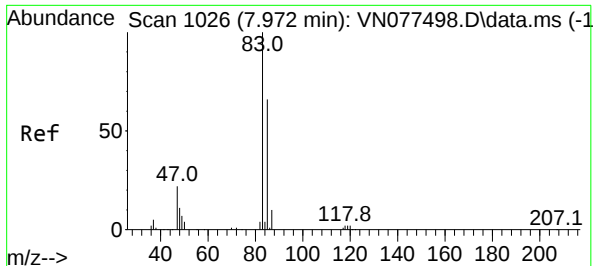
04/29/2023



#24
Methyl tert-Butyl Ether
Concen: 5.039 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 73 Resp: 125049
Ion Ratio Lower Upper
73 100
43 13.1 13.5 20.3#





#25

Chloroform

Concen: 4.857 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 7475

Ion Ratio Lower Upper

83 100

85 61.4 53.0 79.4

Manual Integrations

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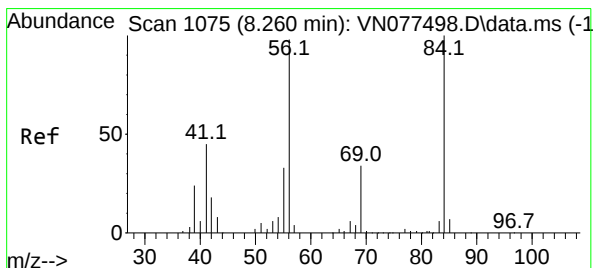
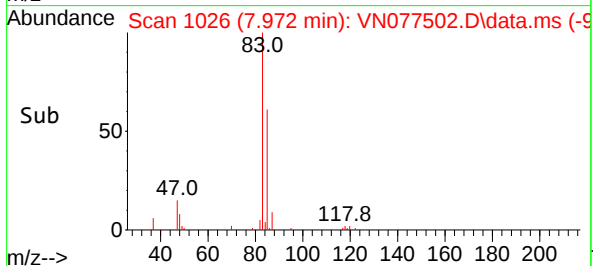
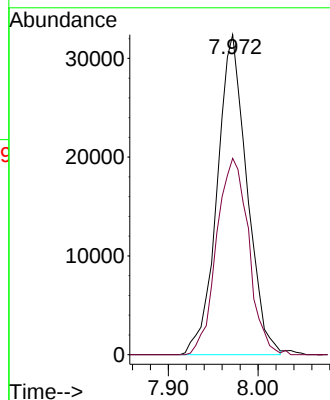
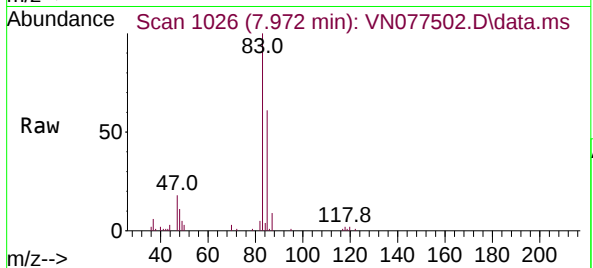
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

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Supervised By :Semsettin
Yesilyurt

04/29/2023



#26

Cyclohexane

Concen: 4.943 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

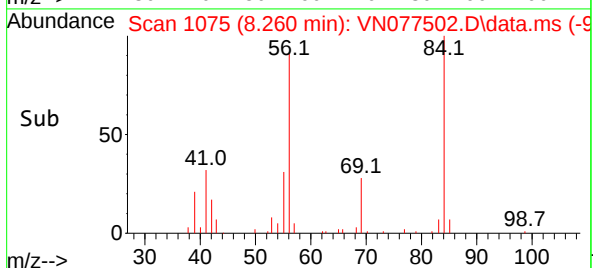
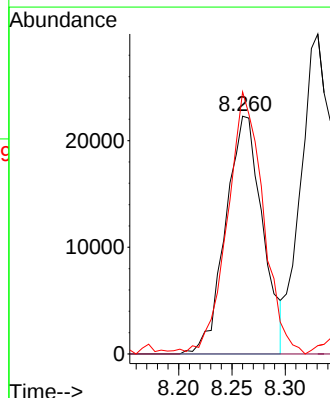
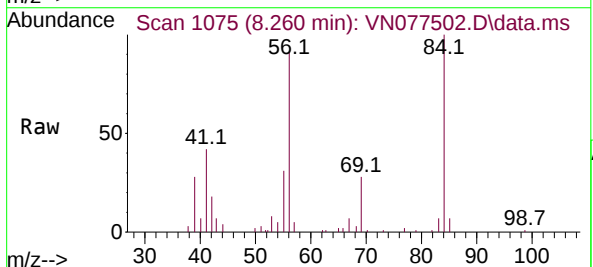
Tgt Ion: 56 Resp: 53745

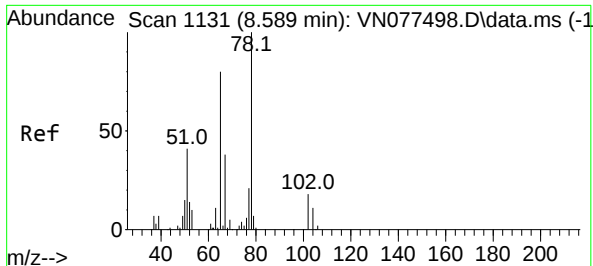
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 106.3 85.4 128.2





#27

1,2-Dichloroethane-d4

Concen: 30.848 ug/l

RT: 8.578 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 18625

Ion Ratio Lower Upper

65 100

67 52.2 40.2 60.2

Manual Integrations

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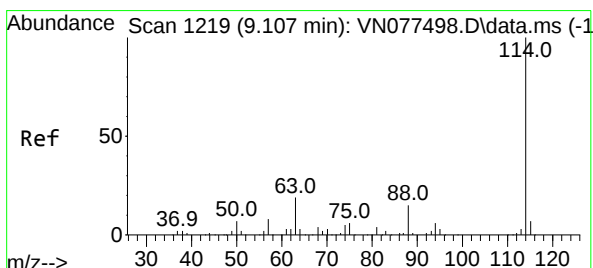
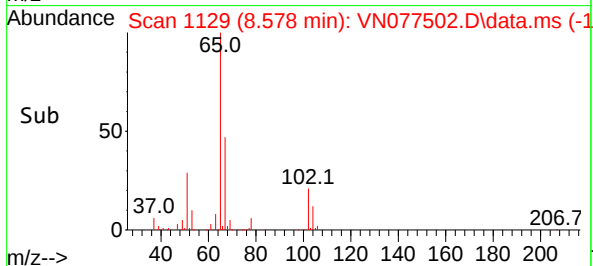
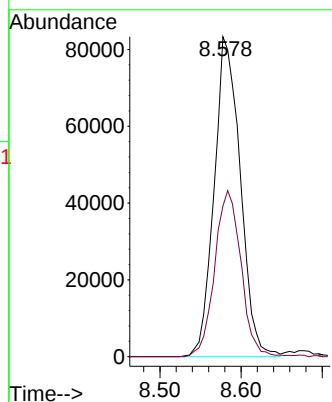
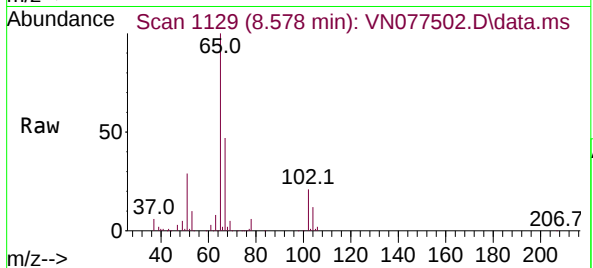
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

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Supervised By :Semsettin
Yesilyurt

04/29/2023



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

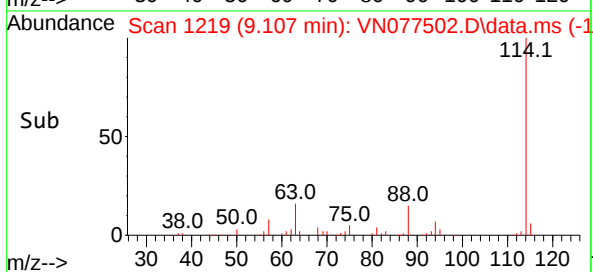
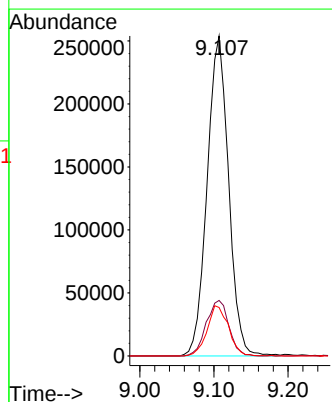
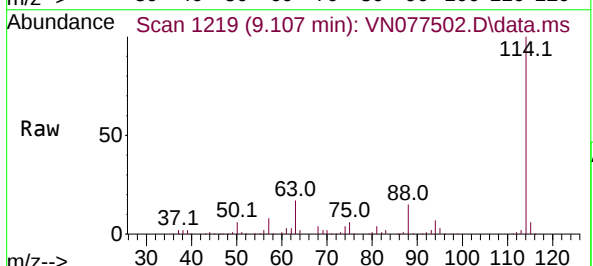
Tgt Ion:114 Resp: 510847

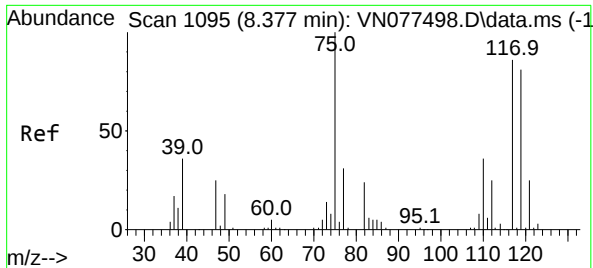
Ion Ratio Lower Upper

114 100

63 18.2 14.1 21.1

88 15.6 12.3 18.5





#29
1,1-Dichloropropene
Concen: 4.809 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 53359
Ion Ratio Lower Upper
75 100
110 24.3 0.0 74.0
77 30.4 0.0 62.8

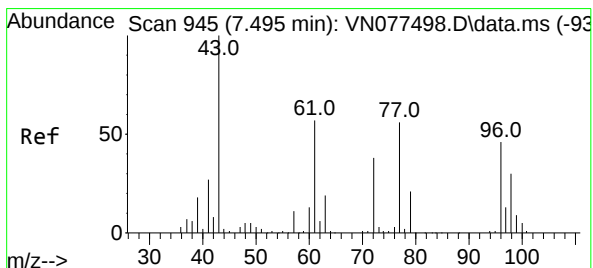
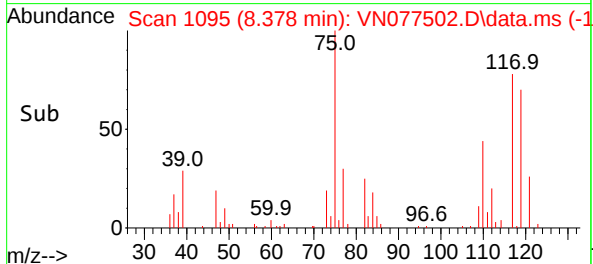
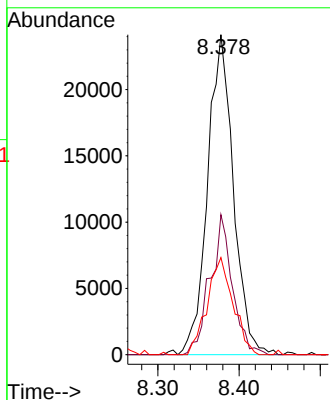
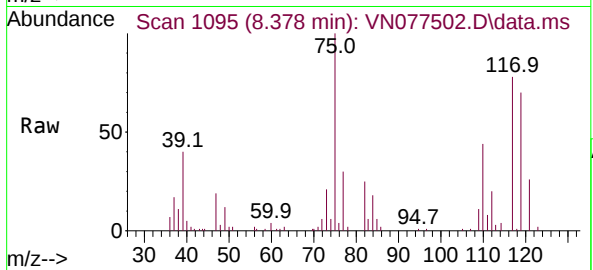
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

04/29/2023

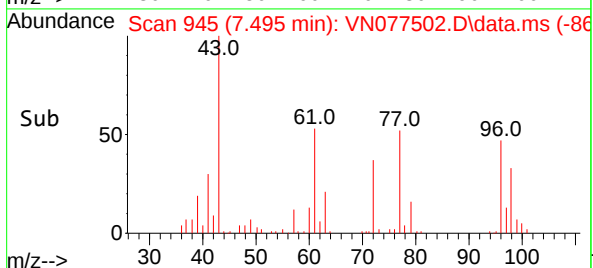
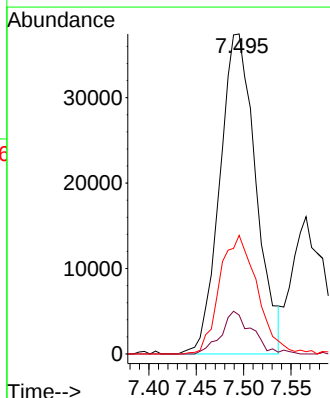
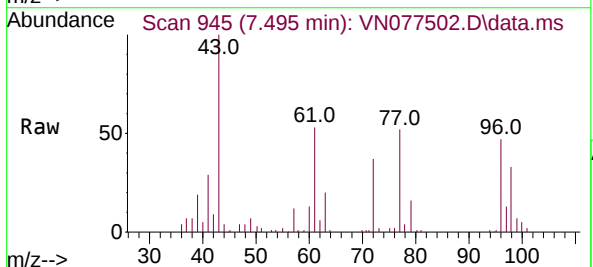
Supervised By :Semsettin
Yesilyurt

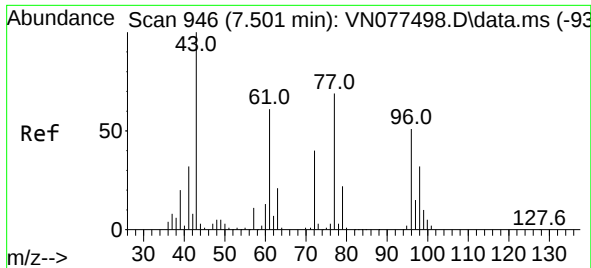
04/29/2023



#30
2-Butanone
Concen: 24.776 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 43 Resp: 99166
Ion Ratio Lower Upper
43 100
57 8.2 8.0 12.0
72 37.5 30.4 45.6





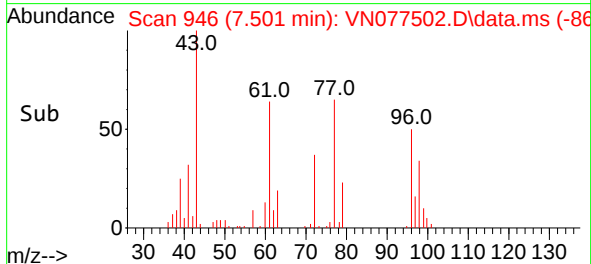
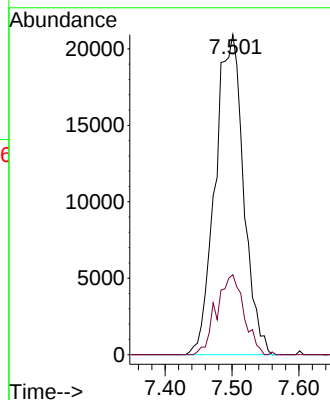
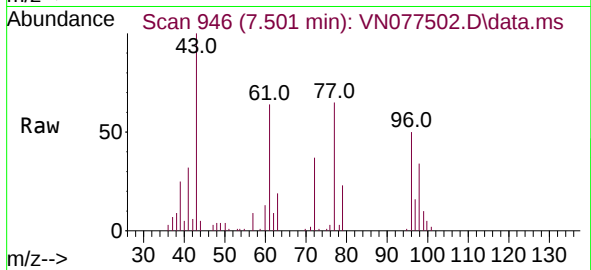
#31
2,2-Dichloropropane
Concen: 4.688 ug/l m
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 6153
Ion Ratio Lower Upper
77 100
97 0.0 18.1 27.1

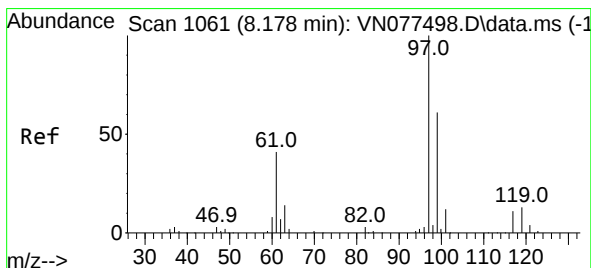
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



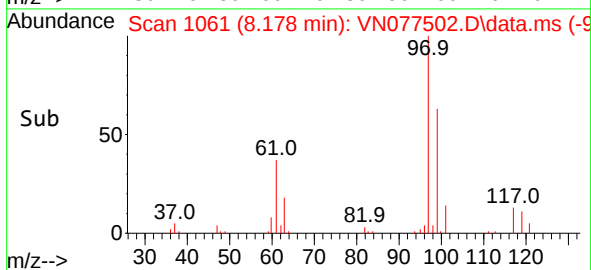
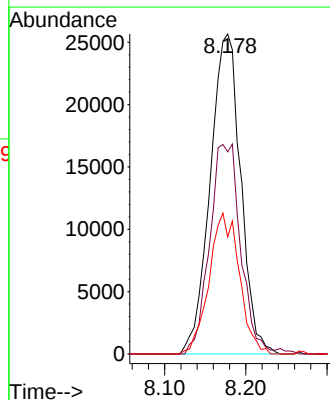
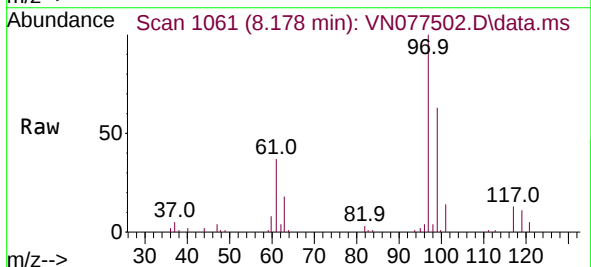
04/29/2023
Supervised By :Semsettin
Yesilyurt

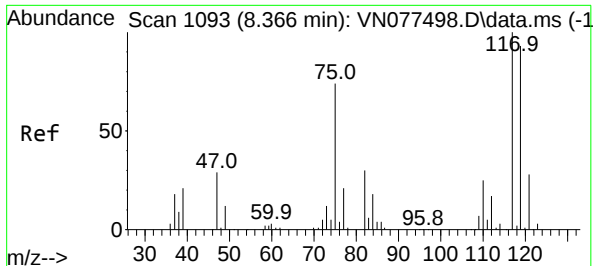
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#32
1,1,1-Trichloroethane
Concen: 4.672 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

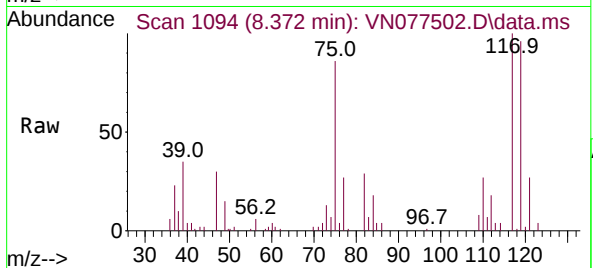
Tgt Ion: 97 Resp: 67120
Ion Ratio Lower Upper
97 100
99 41.7 50.1 75.1#
61 43.4 31.1 46.7





#33
Carbon Tetrachloride
Concen: 4.797 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



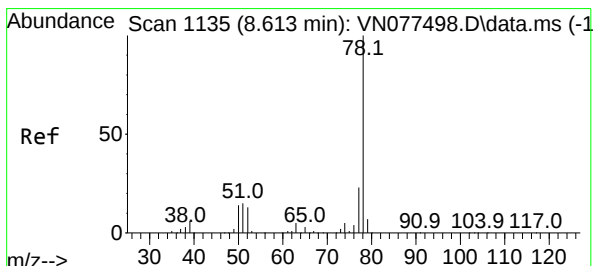
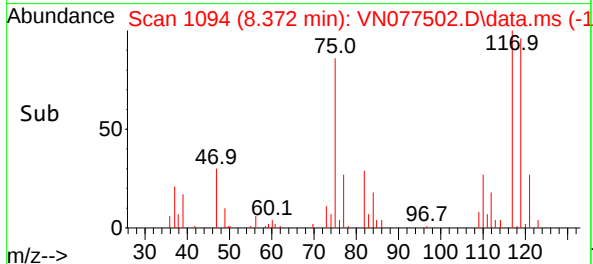
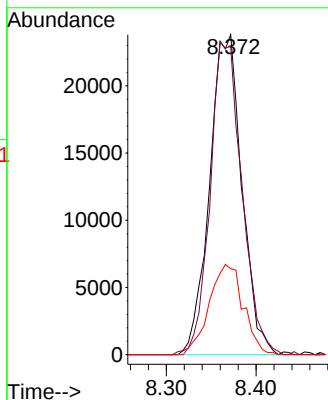
Tgt Ion:117 Resp: 5942
Ion Ratio Lower Upper
117 100
119 95.5 72.6 109.0
121 26.9 24.3 36.5

Manual Integrations
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

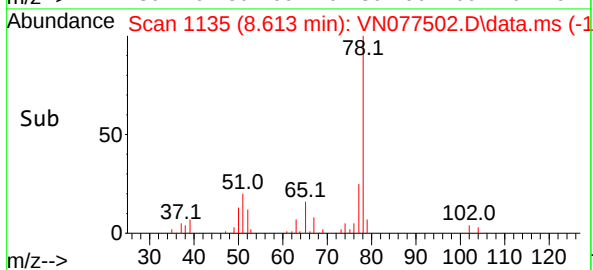
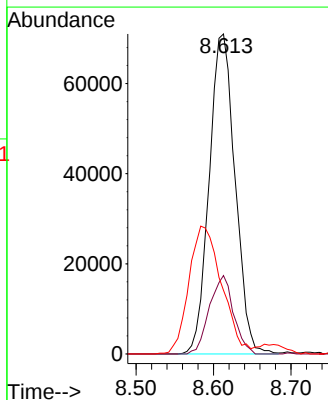
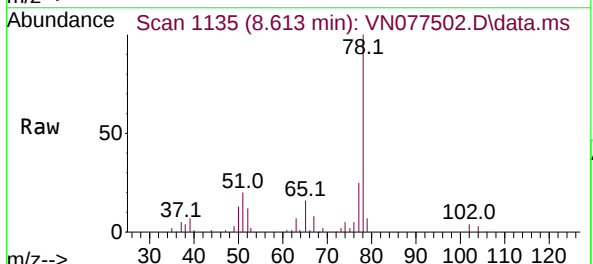
04/29/2023
Supervised By :Semsettin
Yesilyurt

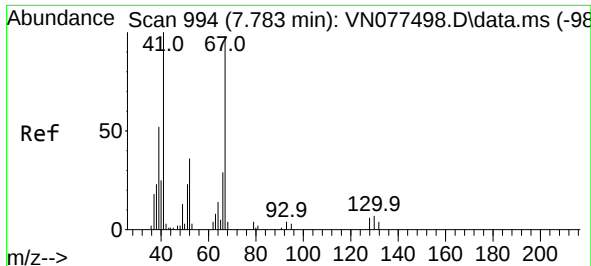
04/29/2023



#34
Benzene
Concen: 4.870 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 78 Resp: 165143
Ion Ratio Lower Upper
78 100
77 24.5 17.1 25.7
51 17.1 11.3 16.9#





#35
Methacrylonitrile
Concen: 4.946 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

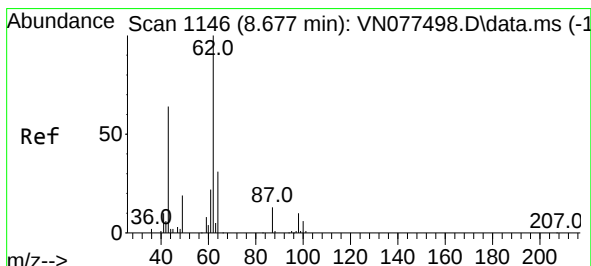
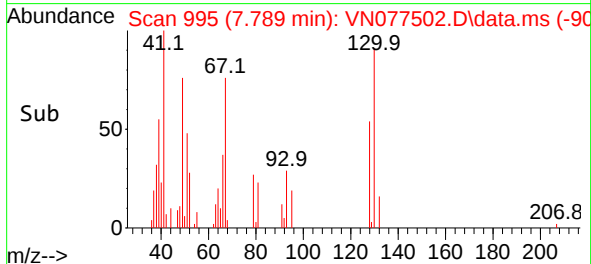
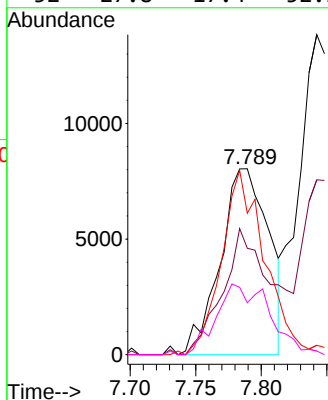
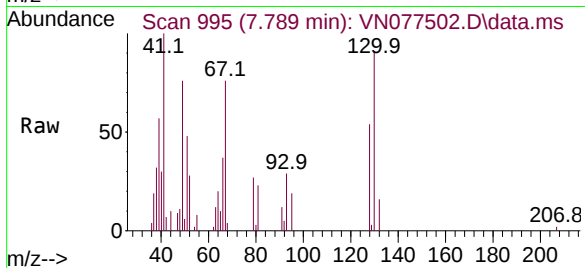
Tgt Ion: 41 Resp: 20594
Ion Ratio Lower Upper
41 100
39 57.2 25.9 77.8
67 74.1 48.1 144.4
52 27.8 17.4 52.3

Manual Integrations
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

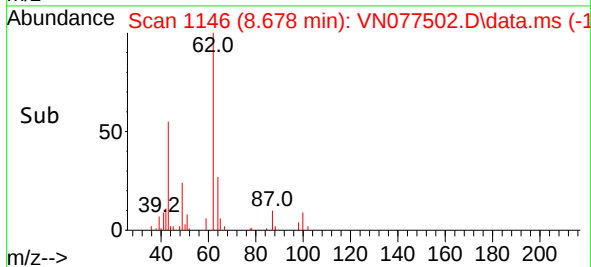
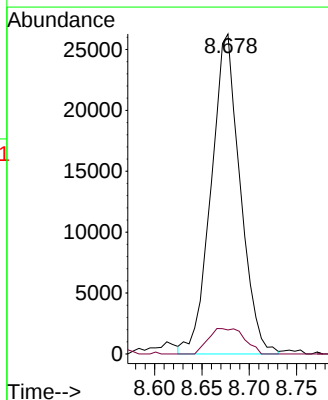
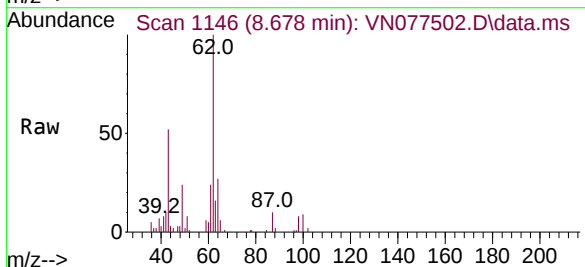
04/29/2023
Supervised By :Semsettin
Yesilyurt

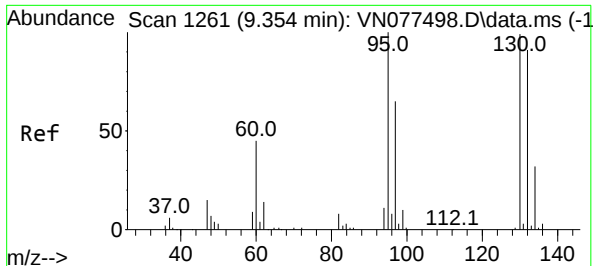
04/29/2023



#36
1,2-Dichloroethane
Concen: 4.829 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 62 Resp: 55980
Ion Ratio Lower Upper
62 100
98 5.8 8.0 12.0#





#37

Trichloroethene

Concen: 4.833 ug/l

RT: 9.354 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 42015

Ion Ratio Lower Upper

130 100

95 110.7 87.1 130.7

Manual Integrations

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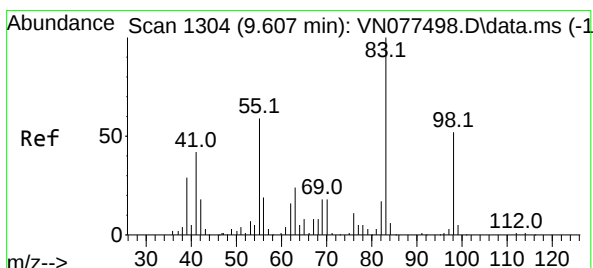
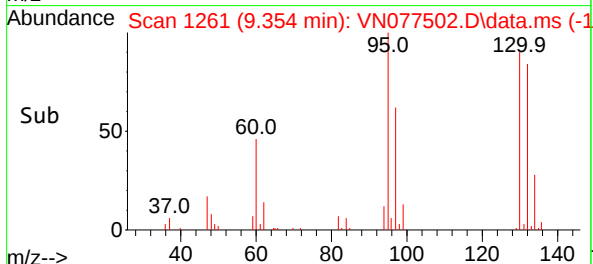
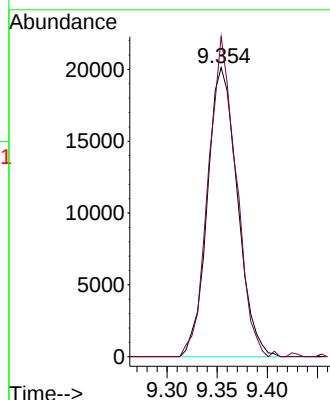
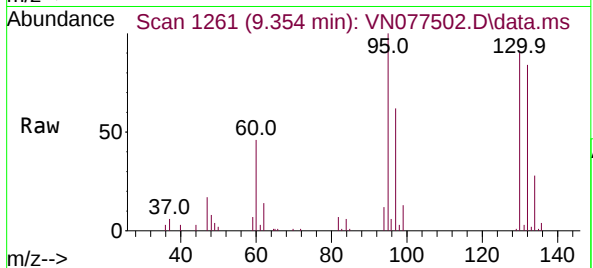
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

04/29/2023

Supervised By :Semsettin
Yesilyurt

04/29/2023



#38

Methylcyclohexane

Concen: 4.699 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

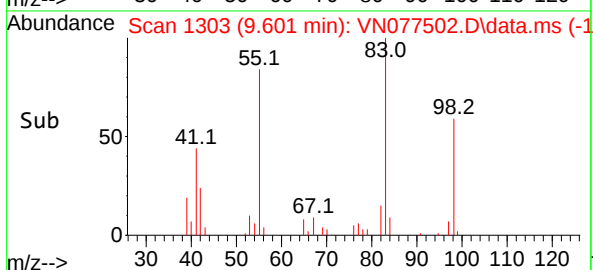
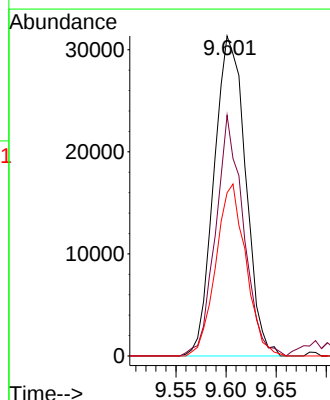
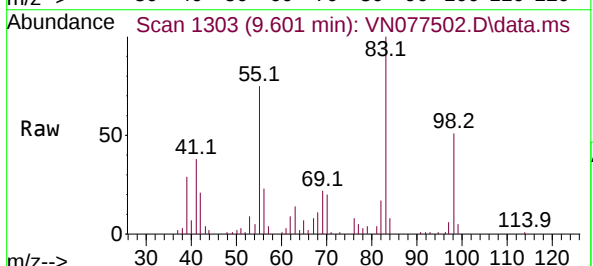
Tgt Ion: 83 Resp: 68624

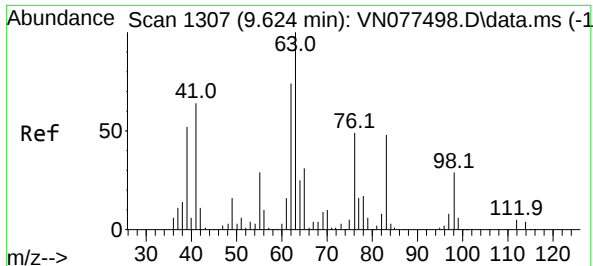
Ion Ratio Lower Upper

83 100

55 66.3 29.6 88.9

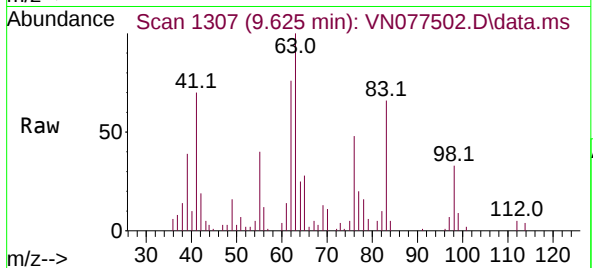
98 51.2 25.1 75.3





#39
1,2-Dichloropropane
Concen: 5.034 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

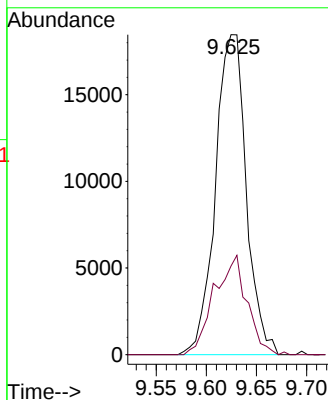
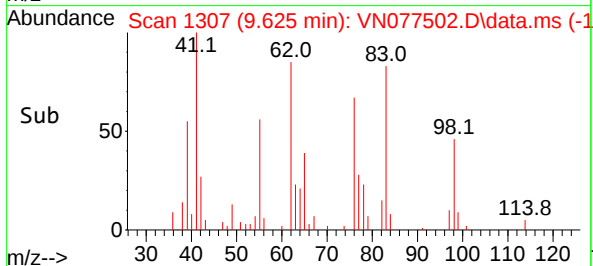
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 63 Resp: 39420
Ion Ratio Lower Upper
63 100
65 27.7 24.1 36.1

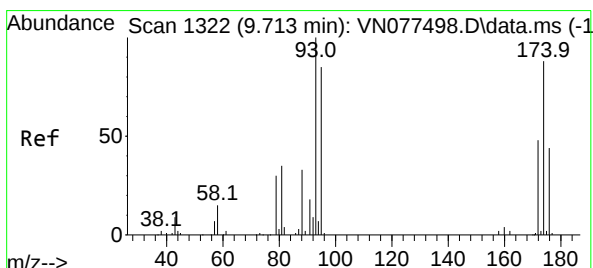
Manual Integrations
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

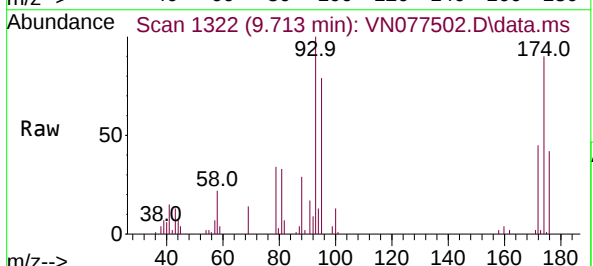


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Supervised By :Semsettin
Yesilyurt

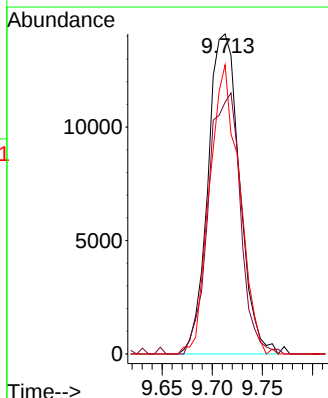
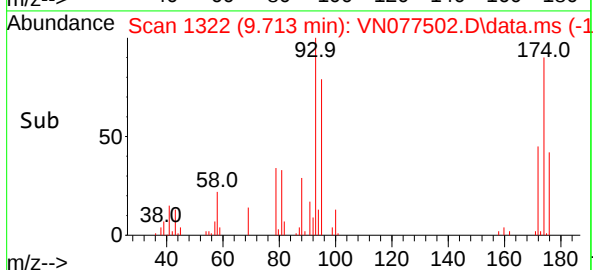
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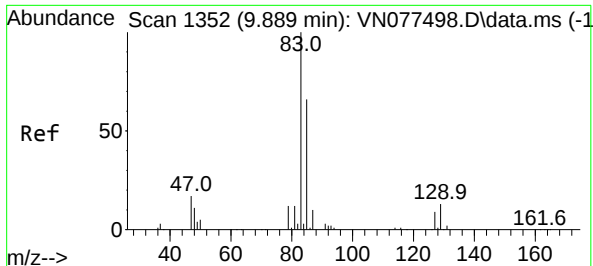


#40
Dibromomethane
Concen: 4.961 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49



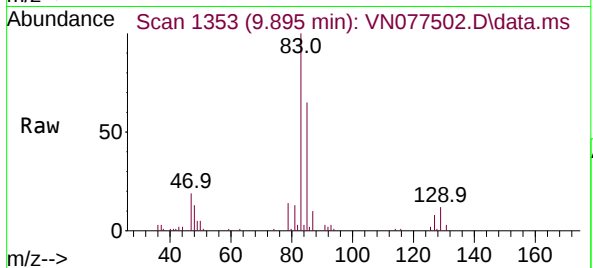
Tgt Ion: 93 Resp: 30883
Ion Ratio Lower Upper
93 100
95 82.8 0.0 171.0
174 85.3 0.0 164.2





#41
Bromodichloromethane
Concen: 4.679 ug/l
RT: 9.895 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



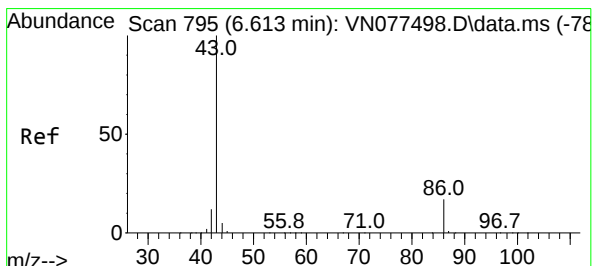
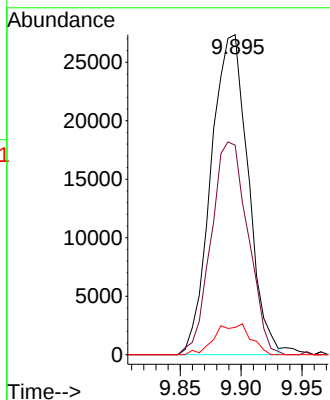
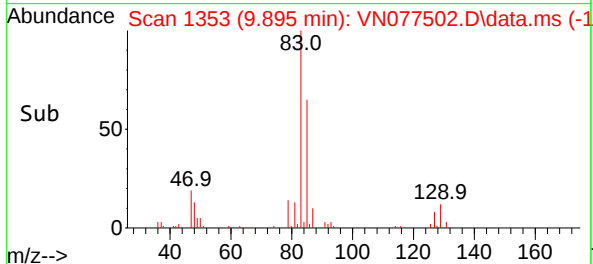
Tgt Ion: 83 Resp: 57798
Ion Ratio Lower Upper
83 100
85 65.4 49.2 73.8
127 9.2 6.1 9.1

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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

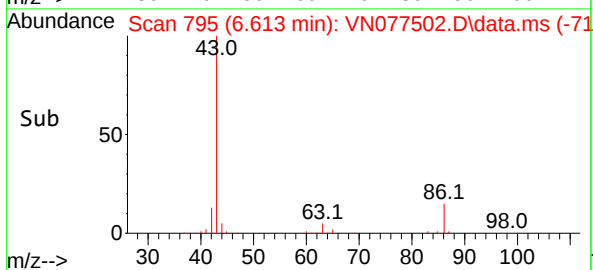
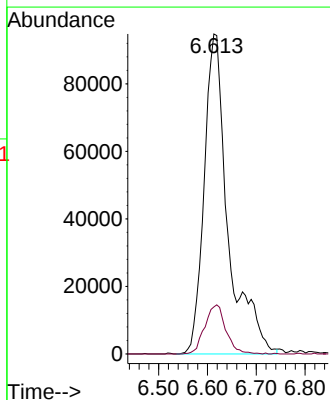
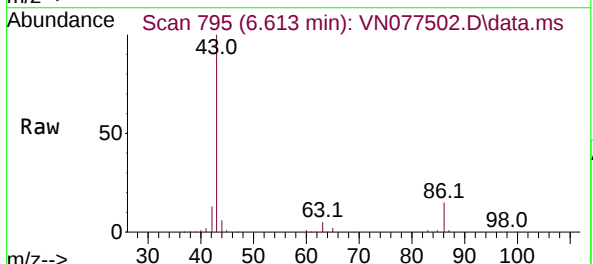
04/29/2023
Supervised By :Semsettin
Yesilyurt

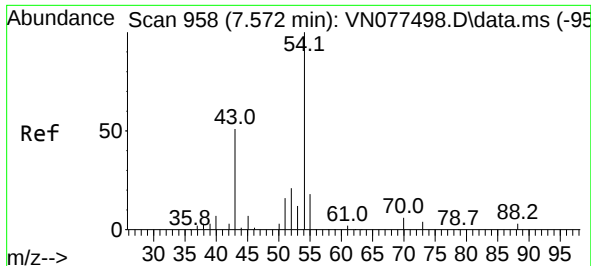
04/29/2023



#42
Vinyl Acetate
Concen: 28.011 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

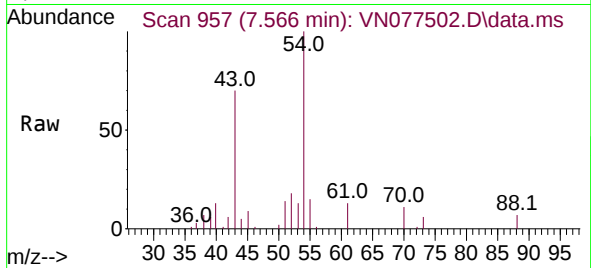
Tgt Ion: 43 Resp: 323635
Ion Ratio Lower Upper
43 100
86 13.5 12.6 18.8





#43
Ethyl Acetate
Concen: 4.740 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



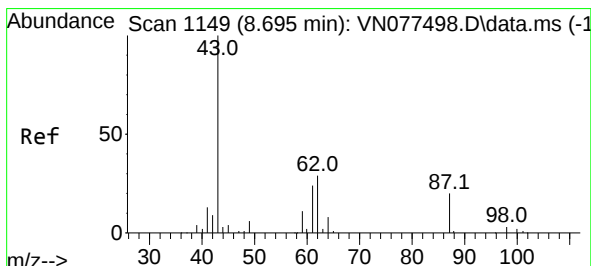
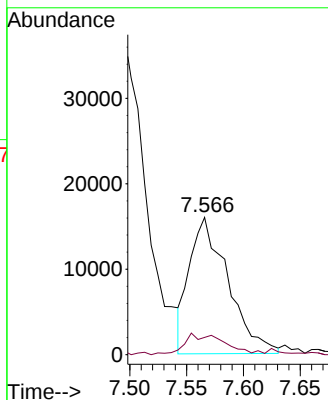
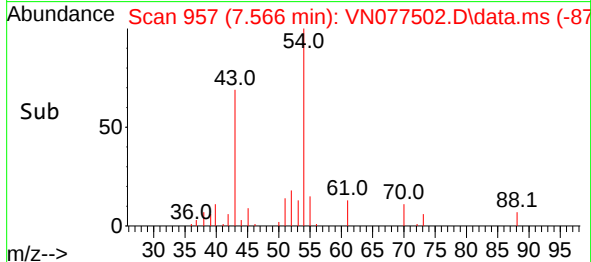
Tgt Ion: 43 Resp: 3776
Ion Ratio Lower Upper
43 100
45 10.0 4.8 7.2

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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

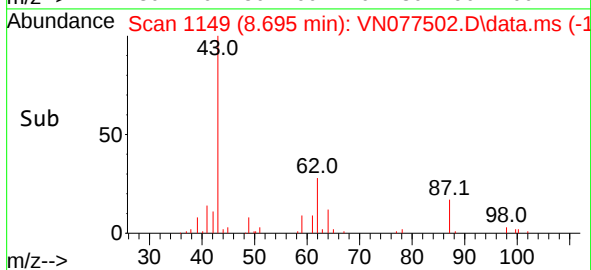
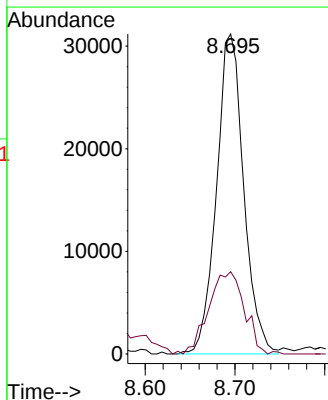
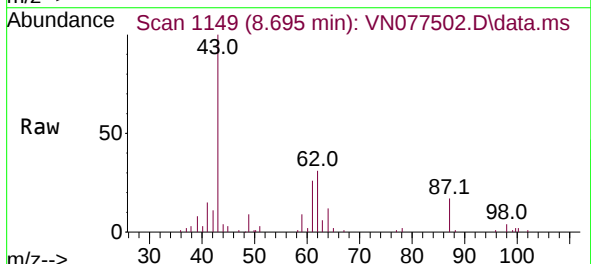
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Yesilyurt

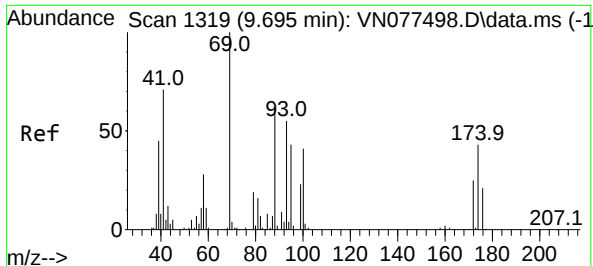
04/29/2023



#44
Isopropyl Acetate
Concen: 4.706 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

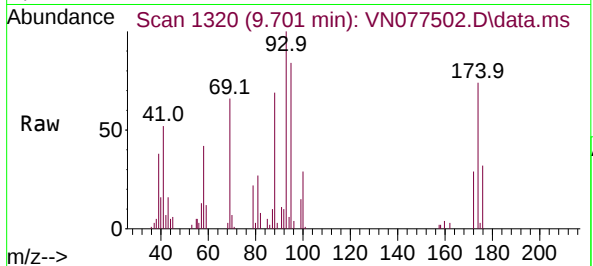
Tgt Ion: 43 Resp: 65710
Ion Ratio Lower Upper
43 100
61 33.4 27.2 40.8





#45
1,4-Dioxane
Concen: 98.879 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



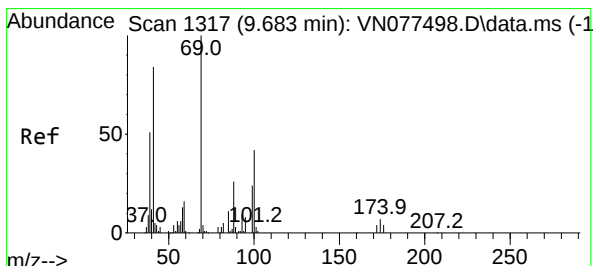
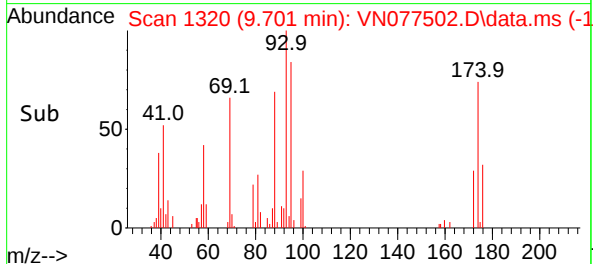
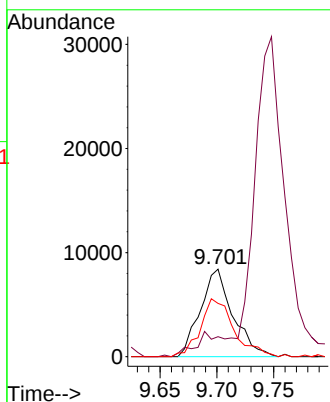
Tgt Ion: 88 Resp: 16730
Ion Ratio Lower Upper
88 100
43 10.5 16.6 24.8
58 64.5 47.3 70.9

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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

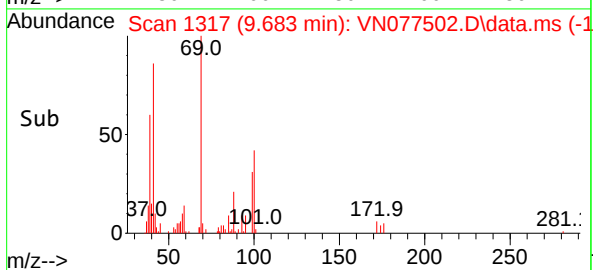
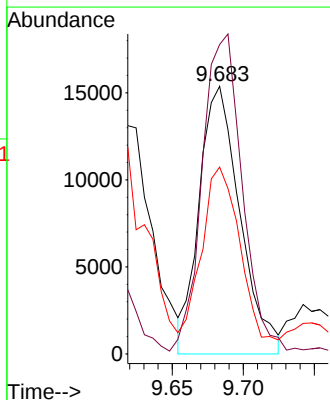
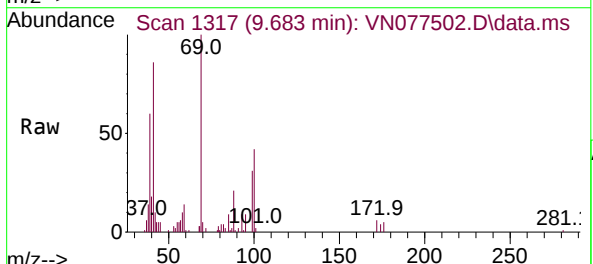
04/29/2023
Supervised By :Semsettin
Yesilyurt

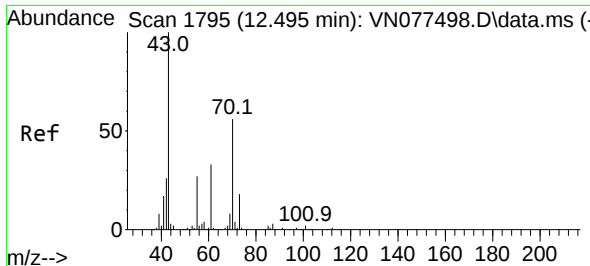
04/29/2023



#46
Methyl methacrylate
Concen: 4.864 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

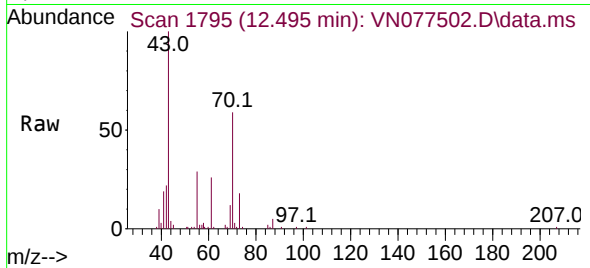
Tgt Ion: 41 Resp: 30755
Ion Ratio Lower Upper
41 100
69 118.6 59.2 177.6
39 69.5 33.4 100.1





#47
n-amy1 Acetate
Concen: 4.430 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



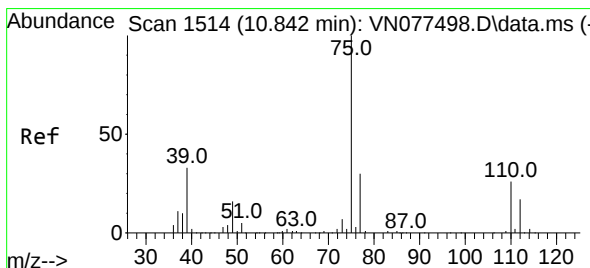
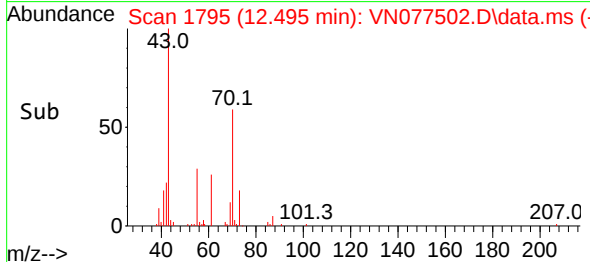
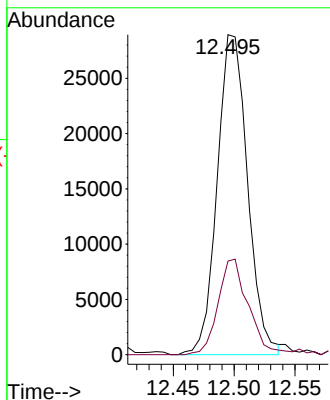
Tgt Ion: 43 Resp: 50285
Ion Ratio Lower Upper
43 100
55 29.7 22.2 33.2

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Supervised By :Semsettin Yesilyurt 04/29/2023

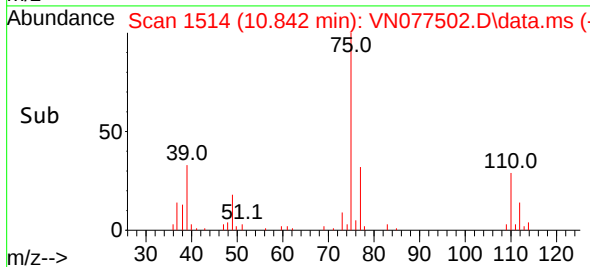
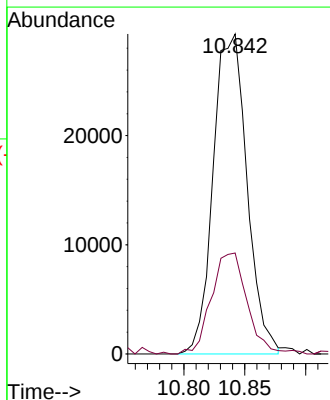
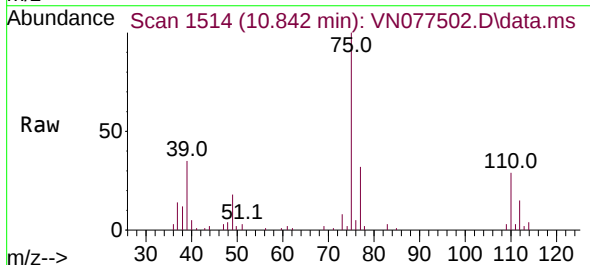
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Supervised By :Semsettin
Yesilyurt

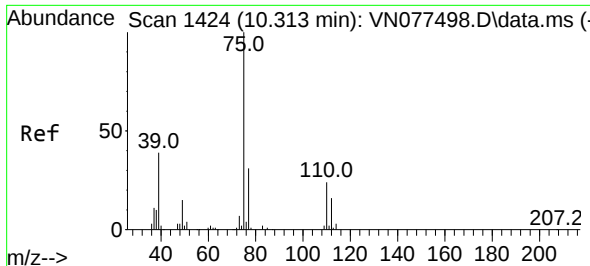
04/29/2023



#48
t-1,3-Dichloropropene
Concen: 4.468 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 75 Resp: 56493
Ion Ratio Lower Upper
75 100
77 31.6 23.9 35.9





#49
 cis-1,3-Dichloropropene
 Concen: 4.480 ug/l
 RT: 10.319 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VN077502.D
 Acq: 28 Apr 2023 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

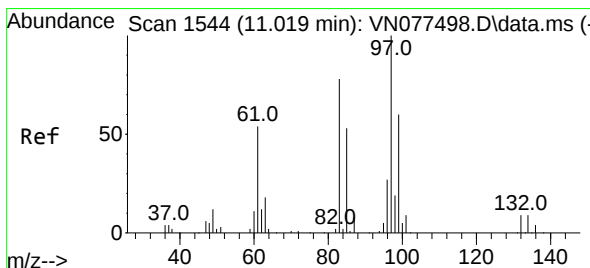
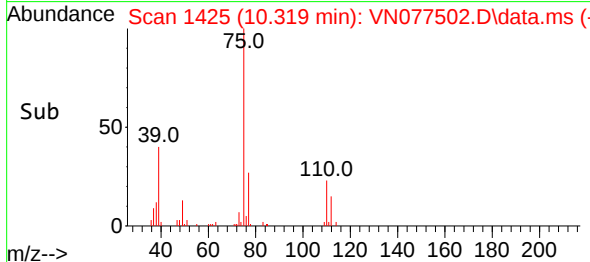
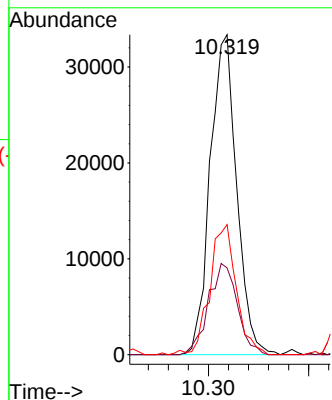
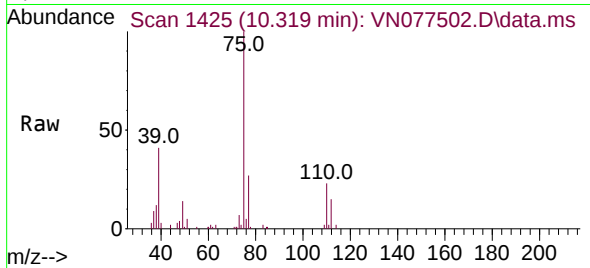
Tgt Ion: 75 Resp: 6125
 Ion Ratio Lower Upper
 75 100
 77 27.1 25.8 38.8
 39 40.7 28.5 42.7

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Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023

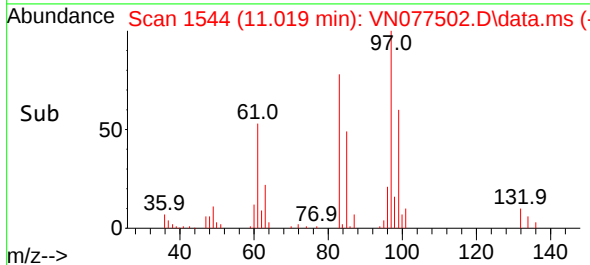
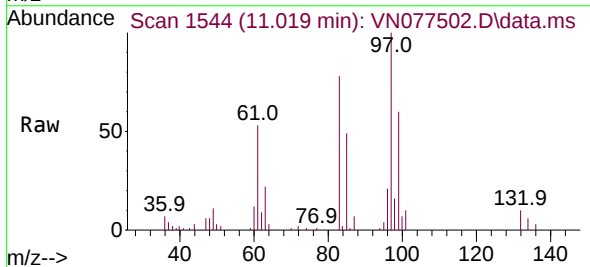
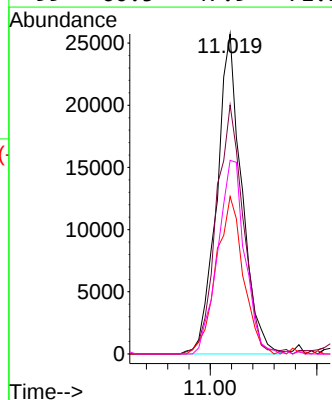
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 Supervised By :Semsettin
 Yesilyurt

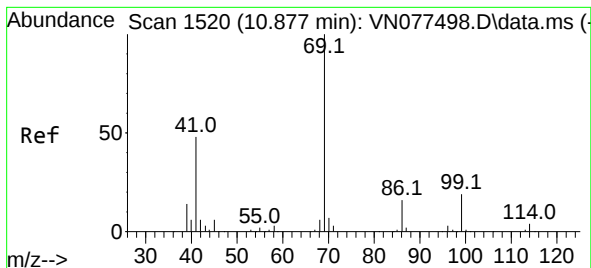
04/29/2023



#50
 1,1,2-Trichloroethane
 Concen: 4.714 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VN077502.D
 Acq: 28 Apr 2023 14:49

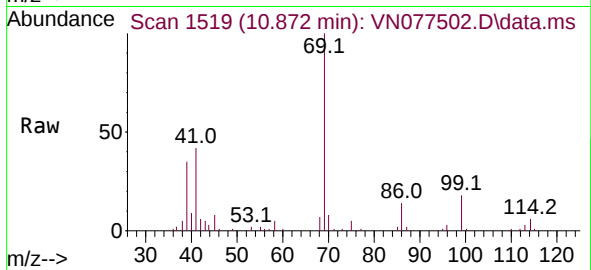
Tgt Ion: 97 Resp: 41945
 Ion Ratio Lower Upper
 97 100
 83 77.8 67.0 100.6
 85 49.2 41.6 62.4
 99 60.5 47.9 71.9





#51
Ethyl methacrylate
Concen: 4.575 ug/l
RT: 10.872 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



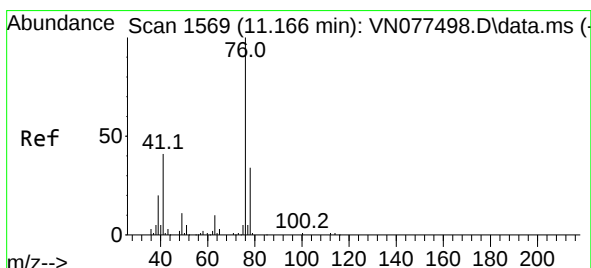
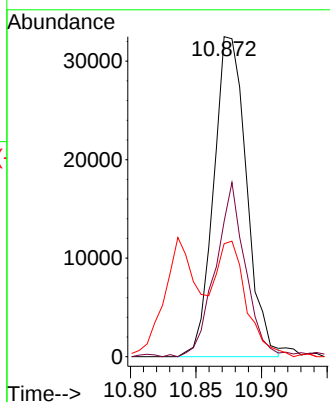
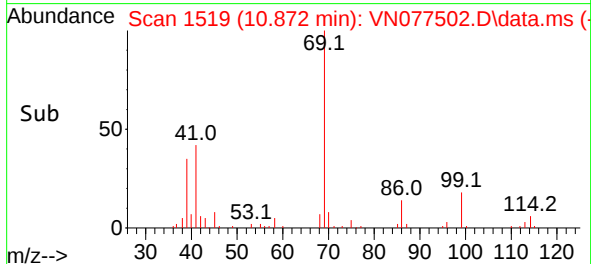
Tgt Ion: 69 Resp: 5646
Ion Ratio Lower Upper
69 100
41 42.2 22.5 67.5
39 33.3 16.2 48.5

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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

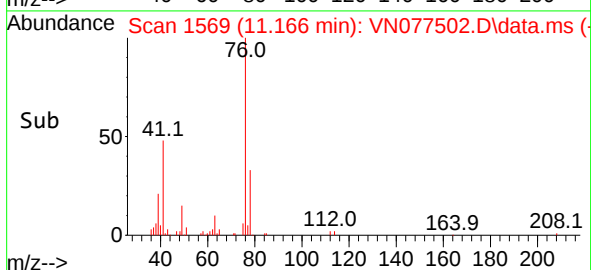
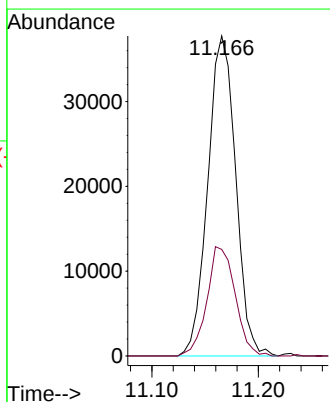
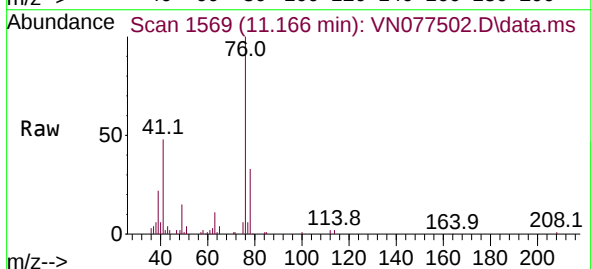
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Supervised By :Semsettin
Yesilyurt

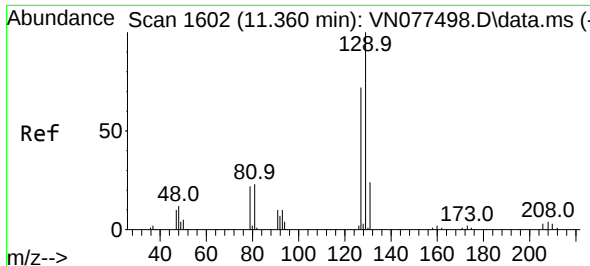
04/29/2023



#52
1,3-Dichloropropane
Concen: 4.765 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

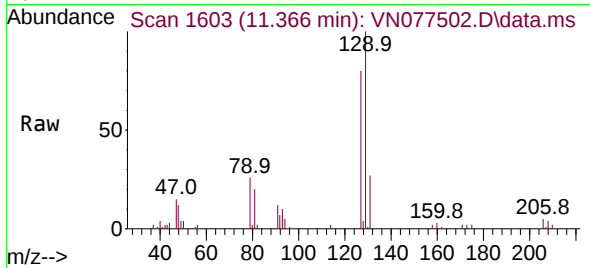
Tgt Ion: 76 Resp: 68620
Ion Ratio Lower Upper
76 100
78 34.6 0.0 64.4





#53
Dibromochloromethane
Concen: 4.412 ug/l
RT: 11.366 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



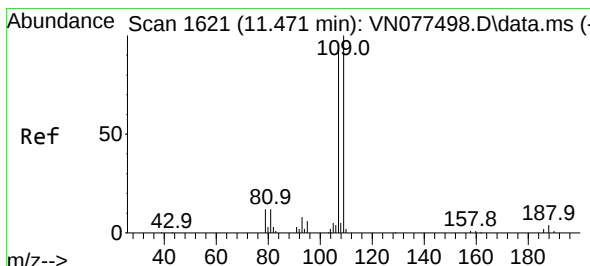
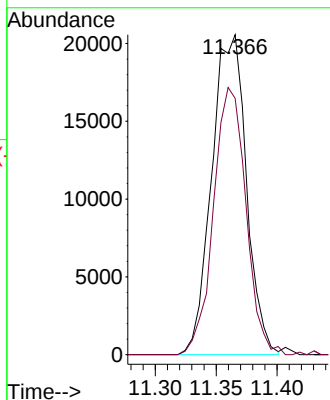
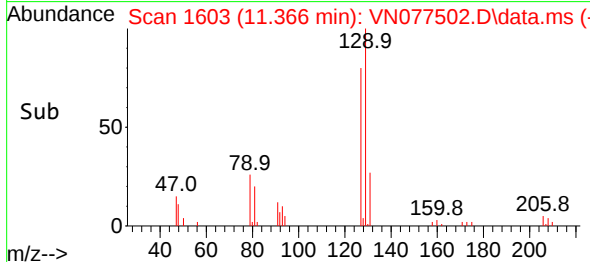
Tgt Ion:129 Resp: 40649
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6

Manual Integrations
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

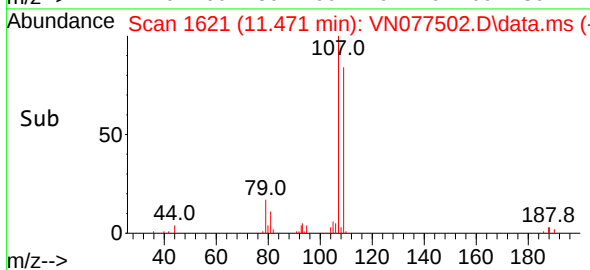
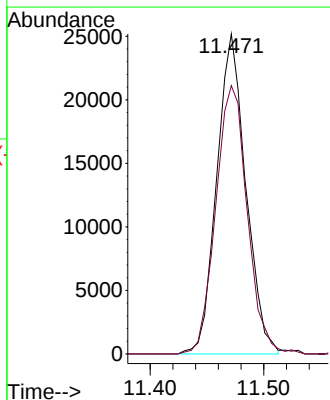
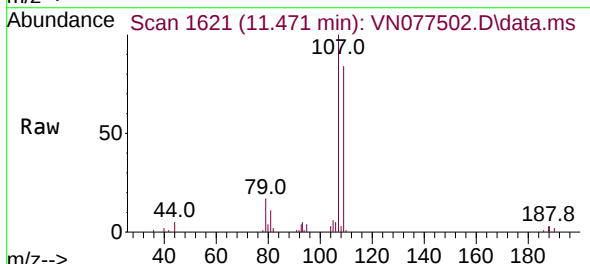
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Supervised By :Semsettin
Yesilyurt

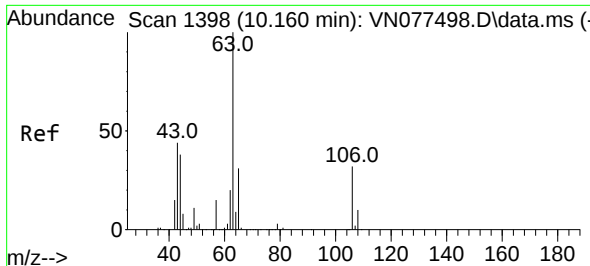
04/29/2023



#54
1,2-Dibromoethane
Concen: 4.967 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:107 Resp: 44804
Ion Ratio Lower Upper
107 100
109 90.3 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 21.426 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

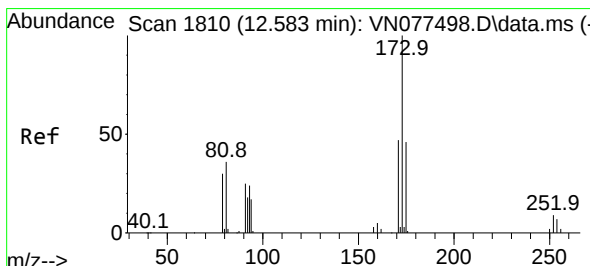
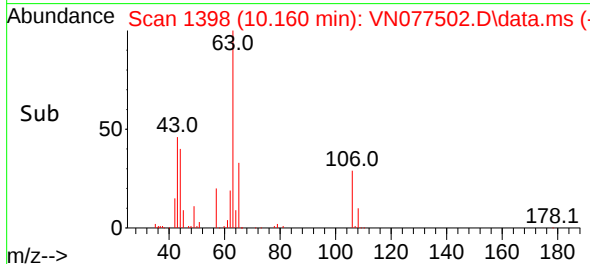
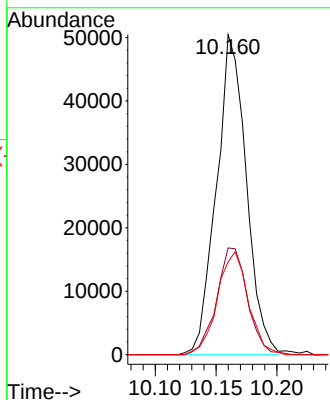
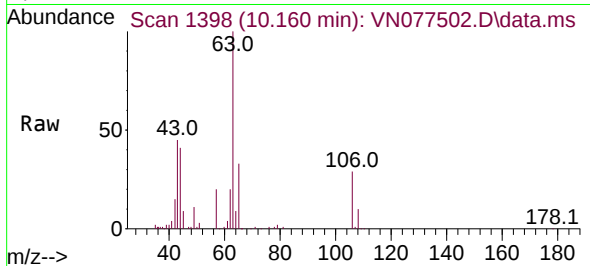
Tgt Ion: 63 Resp: 86000
Ion Ratio Lower Upper
63 100
65 34.5 25.8 38.6
106 33.3 26.2 39.2

Manual Integrations
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

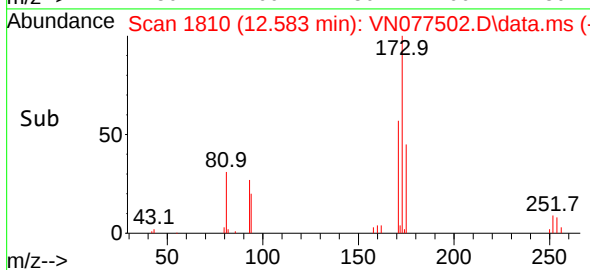
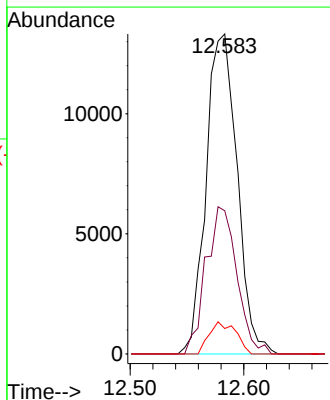
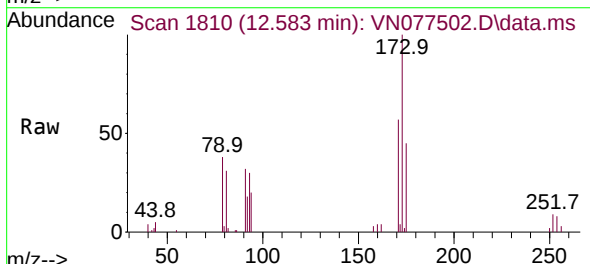
04/29/2023
Supervised By :Semsettin
Yesilyurt

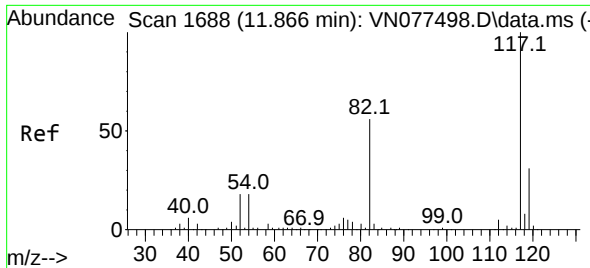
04/29/2023



#56
Bromoform
Concen: 4.394 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

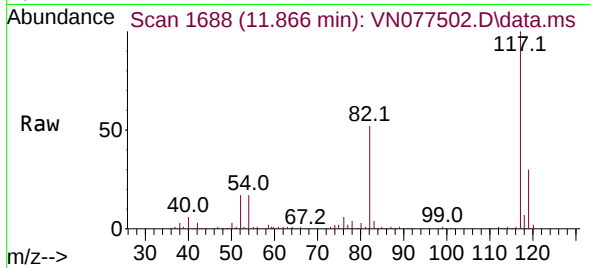
Tgt Ion:173 Resp: 25305
Ion Ratio Lower Upper
173 100
175 45.7 40.3 60.5
254 8.6 5.0 7.6#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



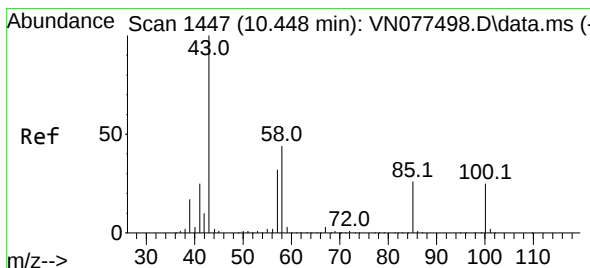
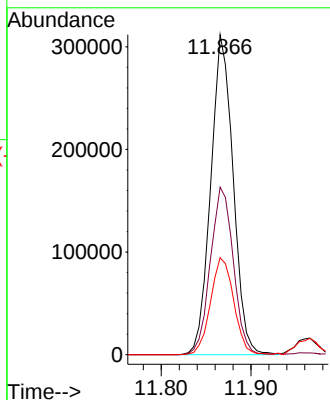
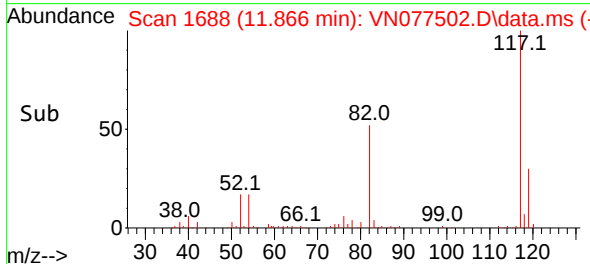
Tgt Ion: 117 Resp: 540890
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.4 25.4 38.2

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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

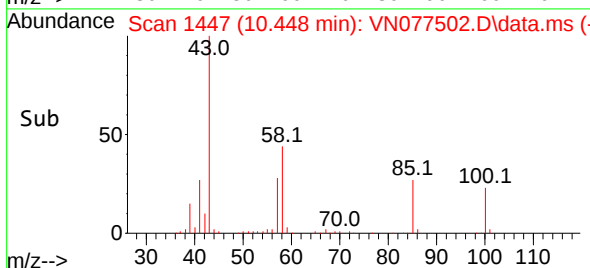
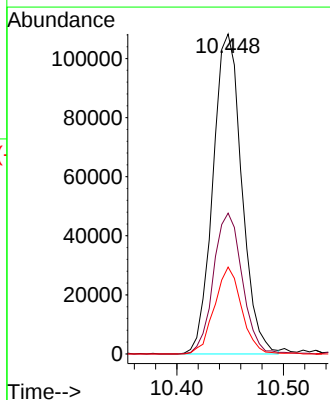
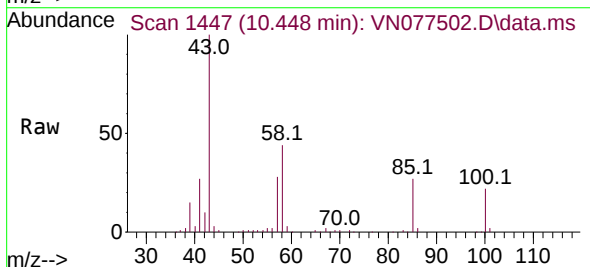
04/29/2023
Supervised By :Semsettin
Yesilyurt

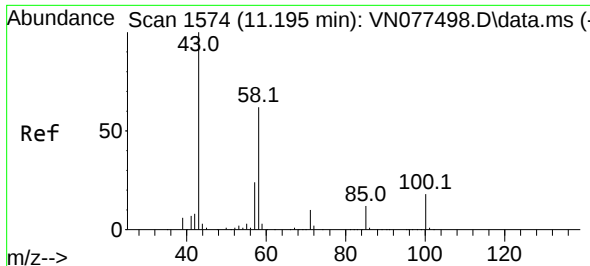
04/29/2023



#58
4-Methyl-2-Pentanone
Concen: 25.199 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

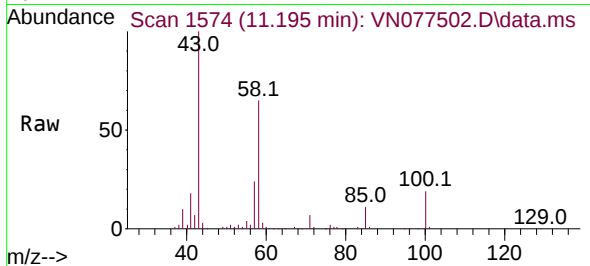
Tgt Ion: 43 Resp: 203583
Ion Ratio Lower Upper
43 100
58 43.9 37.2 55.8
85 25.6 21.1 31.7





#59
2-Hexanone
Concen: 24.663 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



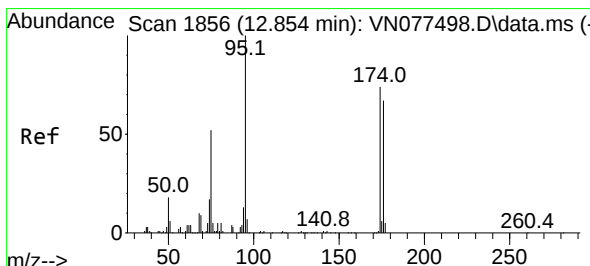
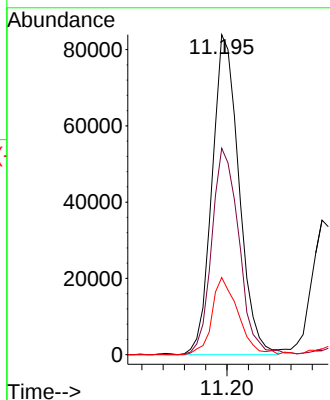
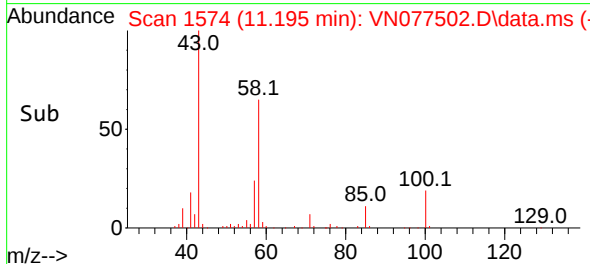
Tgt Ion: 43 Resp: 147450
Ion Ratio Lower Upper
43 100
58 64.7 51.8 77.8
57 23.0 18.2 27.4

Manual Integrations
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

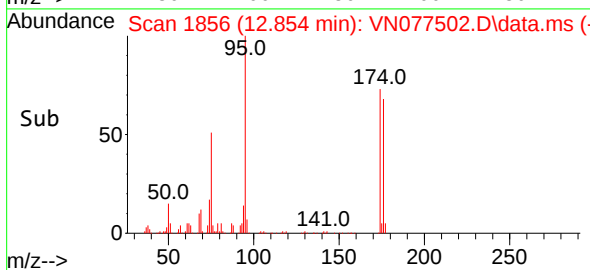
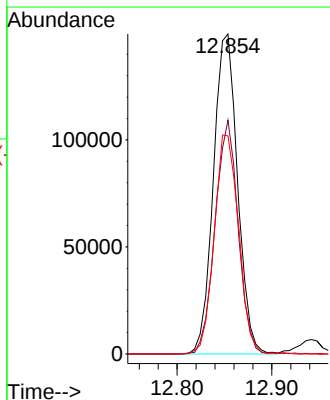
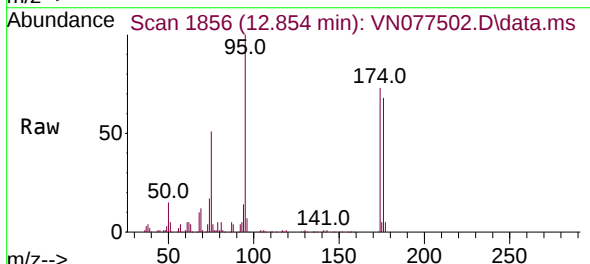
04/29/2023
Supervised By :Semsettin
Yesilyurt

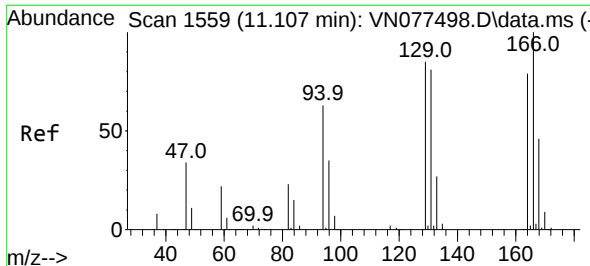
04/29/2023



#60
4-Bromofluorobenzene
Concen: 27.780 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

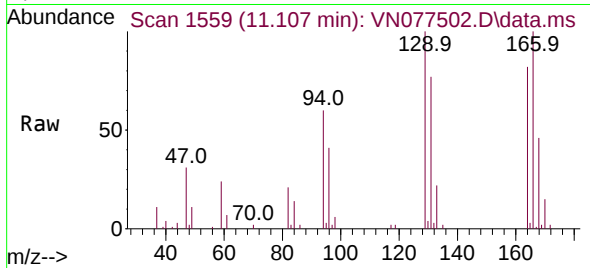
Tgt Ion: 95 Resp: 265321
Ion Ratio Lower Upper
95 100
174 69.4 55.9 83.9
176 68.8 53.9 80.9





#61
Tetrachloroethene
Concen: 4.818 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



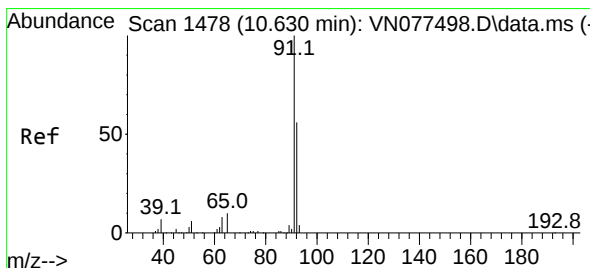
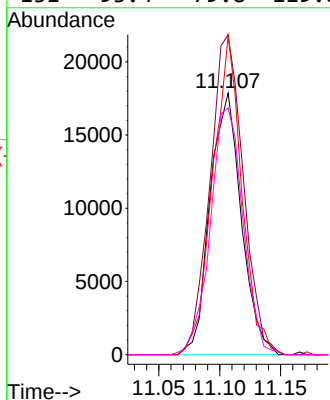
Tgt Ion:164 Resp: 31994
Ion Ratio Lower Upper
164 100
166 122.3 94.5 141.7
129 121.9 80.2 120.2
131 93.4 79.8 119.8

Manual Integrations
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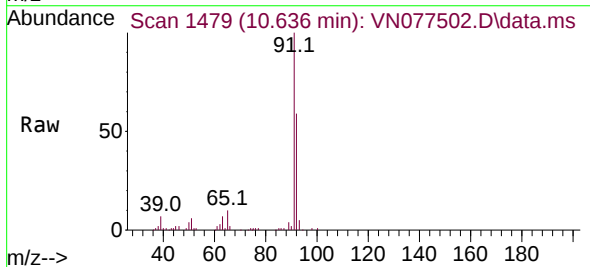
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

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Supervised By :Semsettin
Yesilyurt

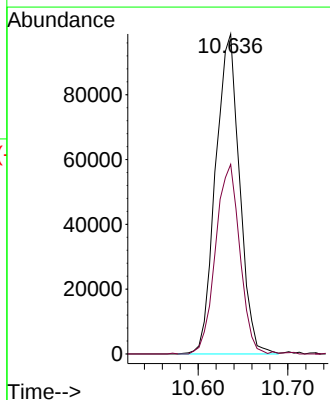
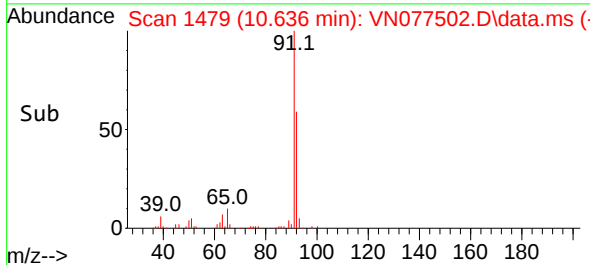
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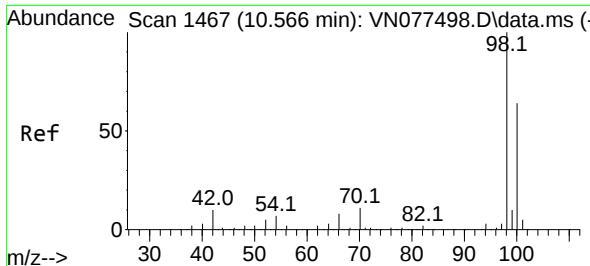


#62
Toluene
Concen: 4.811 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49



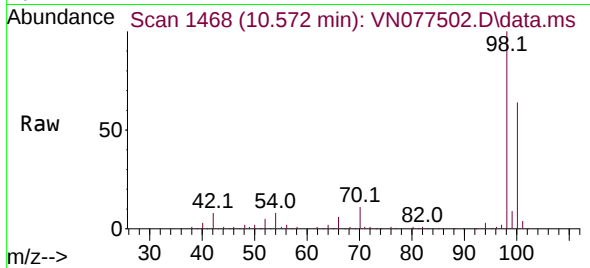
Tgt Ion: 91 Resp: 183243
Ion Ratio Lower Upper
91 100
92 59.7 46.1 69.1





#63
Toluene-d8
Concen: 30.427 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



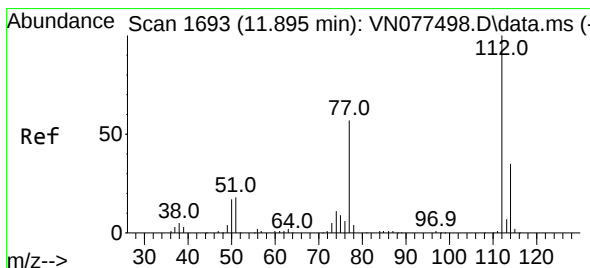
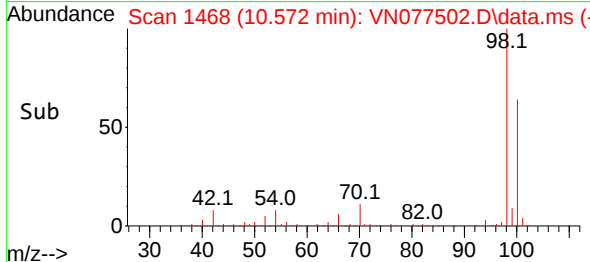
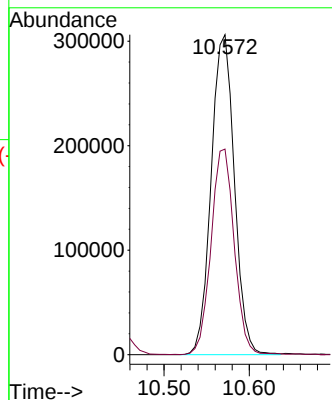
Tgt Ion: 98 Resp: 579028
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.4

Manual Integrations
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

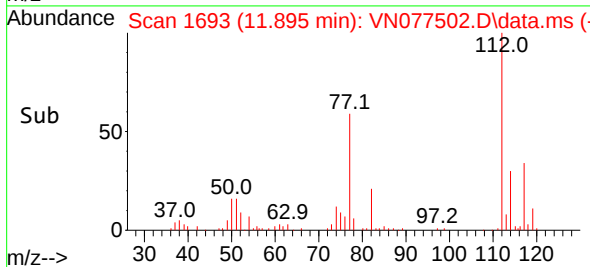
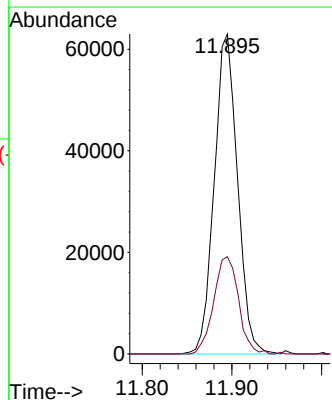
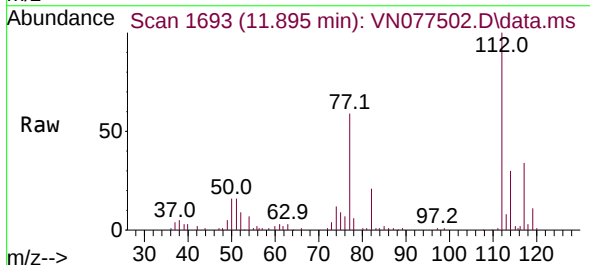
04/29/2023
Supervised By :Semsettin
Yesilyurt

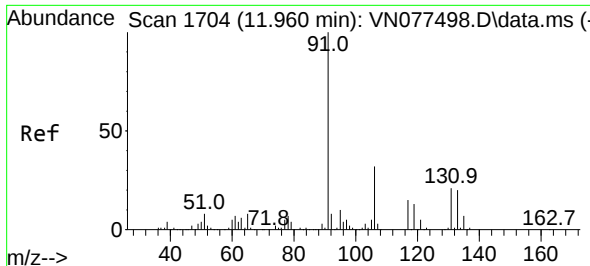
04/29/2023



#64
Chlorobenzene
Concen: 4.899 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

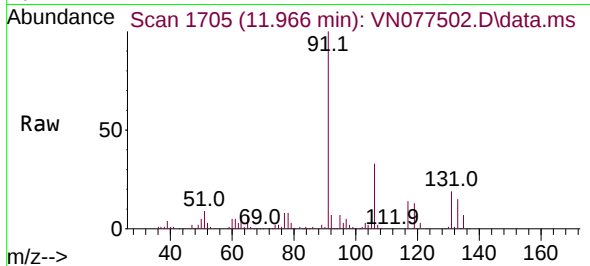
Tgt Ion:112 Resp: 113242
Ion Ratio Lower Upper
112 100
114 30.4 23.9 35.9





#65
1,1,1,2-Tetrachloroethane
Concen: 4.733 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



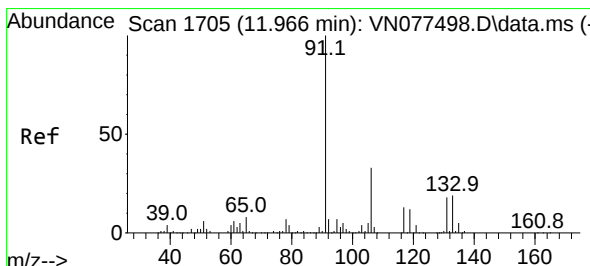
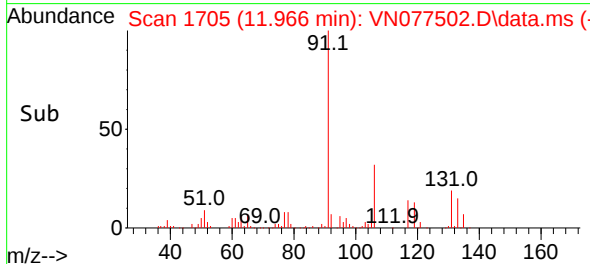
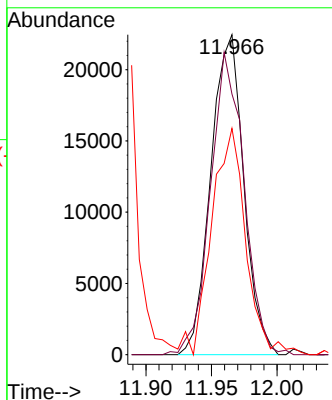
Tgt Ion:131 Resp: 39229
Ion Ratio Lower Upper
131 100
133 96.2 0.0 191.4
119 70.2 0.0 137.2

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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

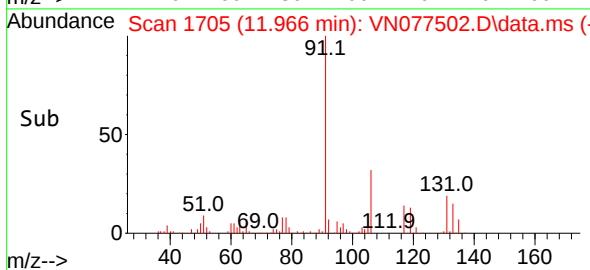
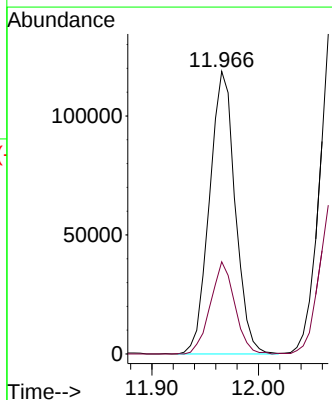
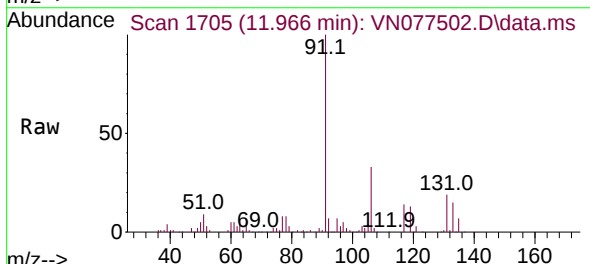
04/29/2023
Supervised By :Semsettin
Yesilyurt

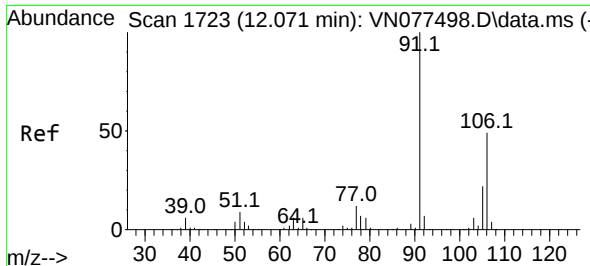
04/29/2023



#66
Ethyl Benzene
Concen: 4.787 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

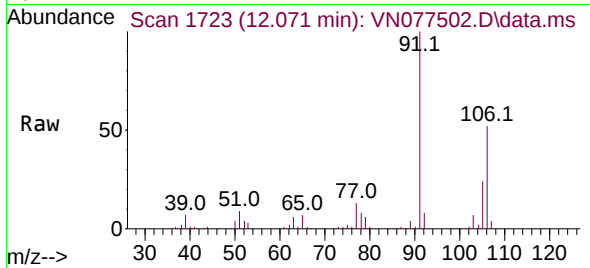
Tgt Ion: 91 Resp: 199120
Ion Ratio Lower Upper
91 100
106 32.5 24.9 37.3





#67
m/p-Xylenes
Concen: 9.286 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



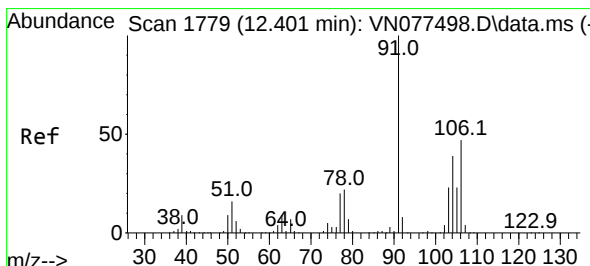
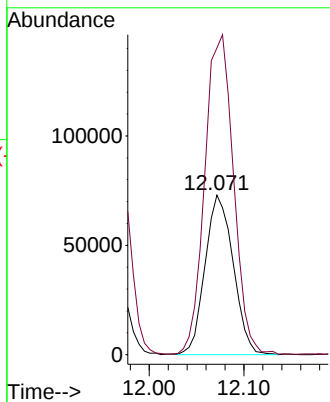
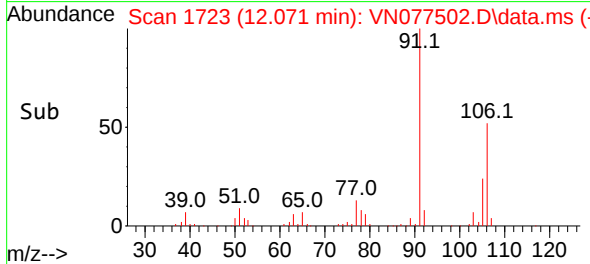
Tgt Ion:106 Resp: 15078
Ion Ratio Lower Upper
106 100
91 204.4 157.9 236.9

Manual Integrations
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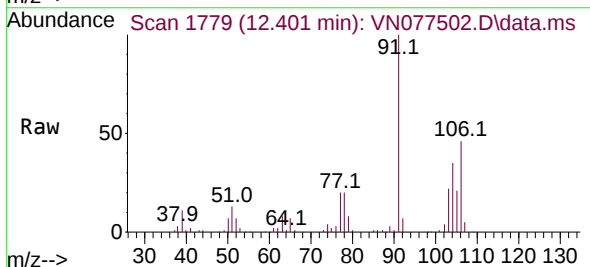
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

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Supervised By :Semsettin
Yesilyurt

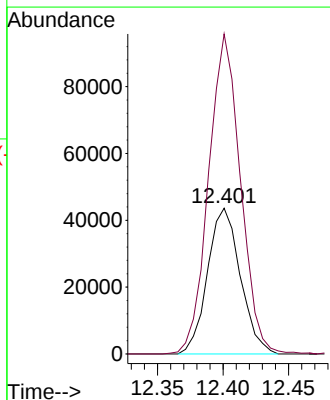
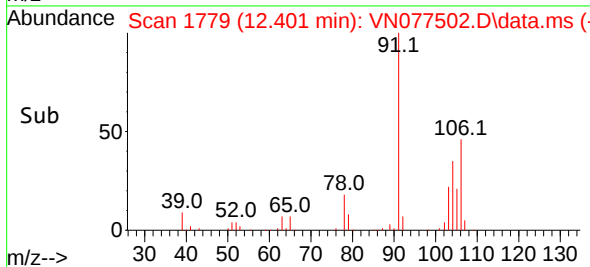
04/29/2023

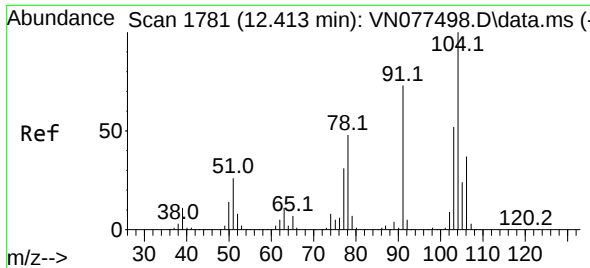


#68
o-Xylene
Concen: 4.750 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49



Tgt Ion:106 Resp: 75970
Ion Ratio Lower Upper
106 100
91 213.4 104.6 313.8





#69
Styrene
Concen: 4.512 ug/l
RT: 12.413 min Scan# 113610
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

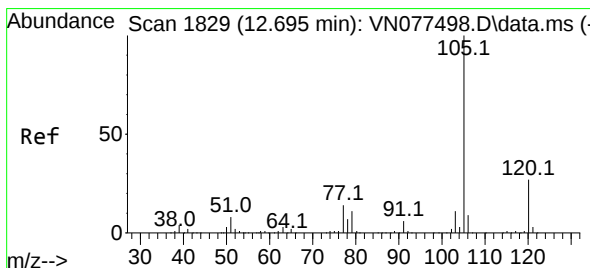
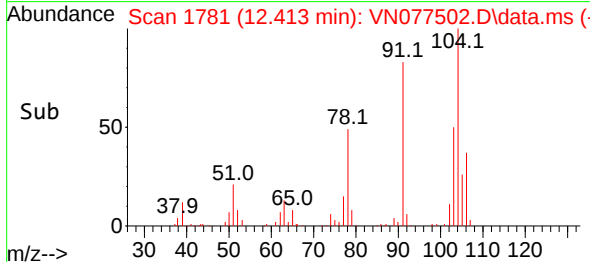
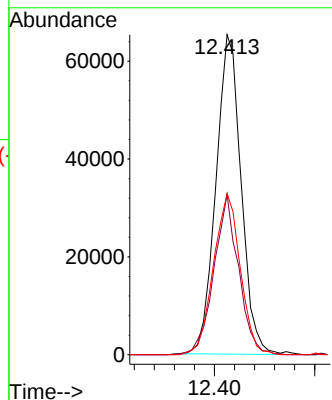
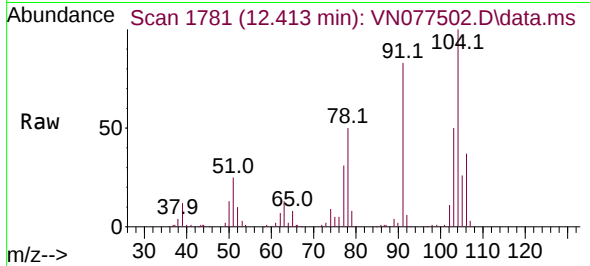
Tgt Ion:104 Resp: 113610
Ion Ratio Lower Upper
104 100
78 49.3 39.3 58.9
103 53.6 44.6 66.8

Manual Integrations
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

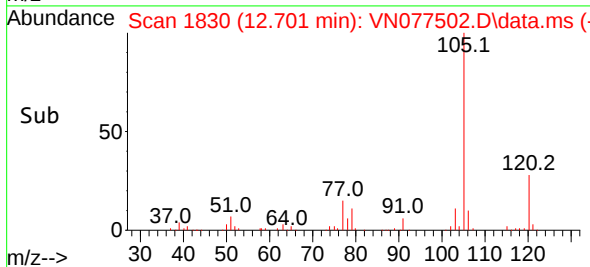
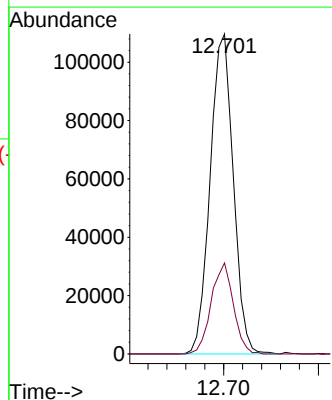
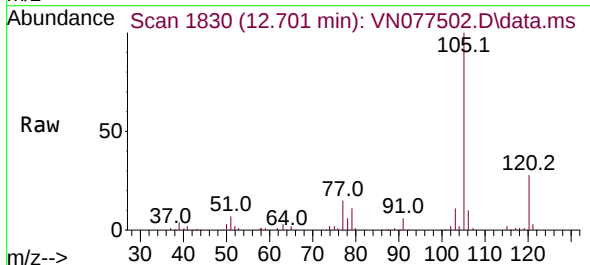
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Supervised By :Semsettin
Yesilyurt

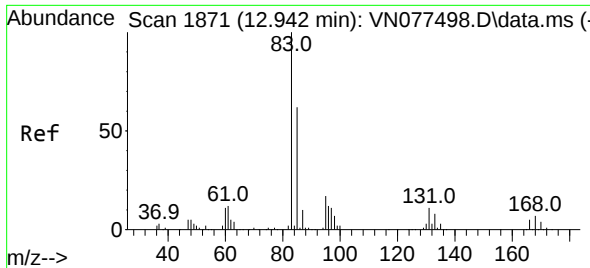
04/29/2023



#70
Isopropylbenzene
Concen: 4.529 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:105 Resp: 186204
Ion Ratio Lower Upper
105 100
120 27.2 18.7 34.7





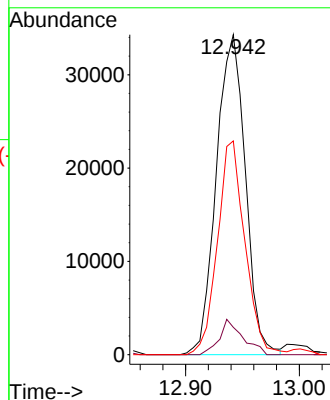
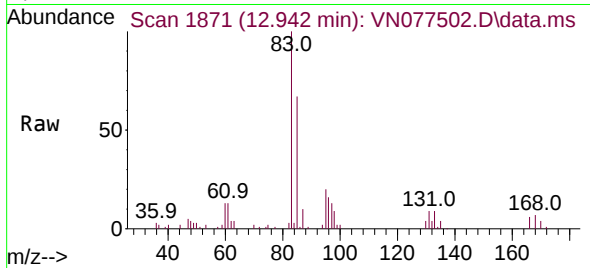
#71
1,1,2,2-Tetrachloroethane
Concen: 4.902 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 60920
Ion Ratio Lower Upper
83 100
131 8.9 4.8 14.3
85 63.2 31.6 94.8

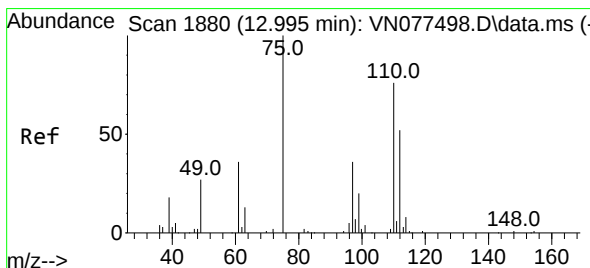
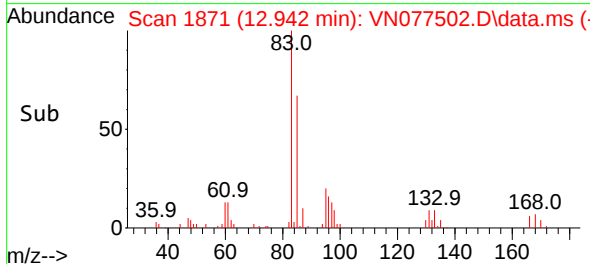
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



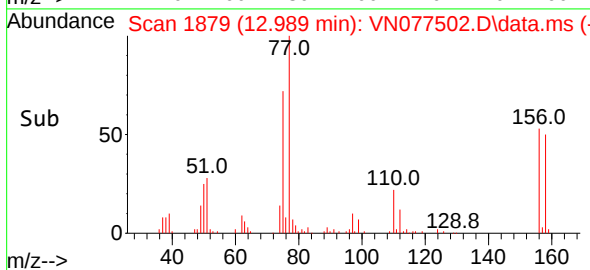
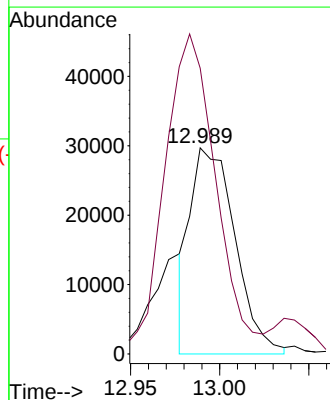
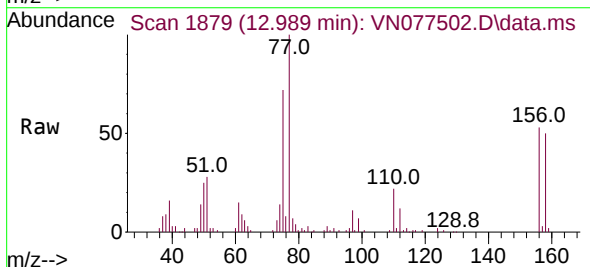
04/29/2023
Supervised By :Semsettin
Yesilyurt

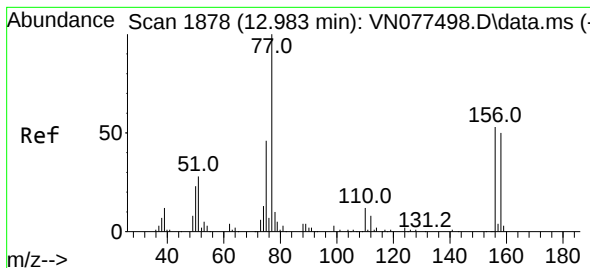
04/29/2023



#72
1,2,3-Trichloropropane
Concen: 4.949 ug/l m
RT: 12.989 min Scan# 1879
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 75 Resp: 51776
Ion Ratio Lower Upper
75 100
77 178.3 0.0 367.2





#73

Bromobenzene

Concen: 4.881 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:	156	Resp:	42474
Ion Ratio	Lower	Upper	
156	100		
77	217.3	0.0	431.6
158	91.6	0.0	192.4

Manual Integrations

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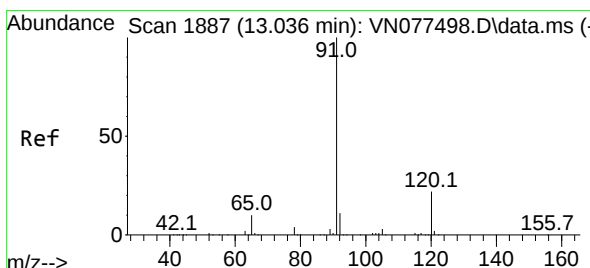
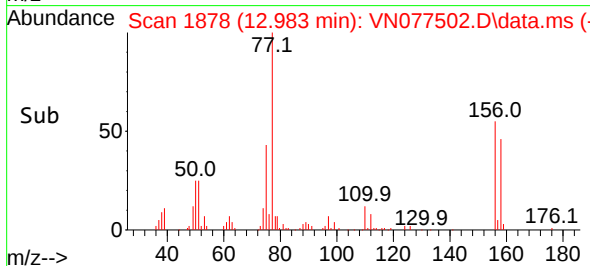
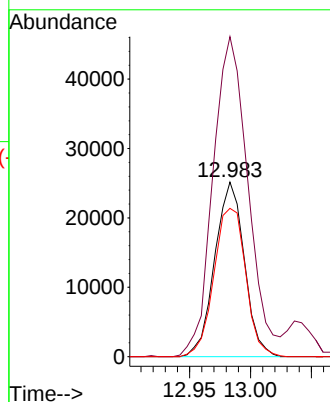
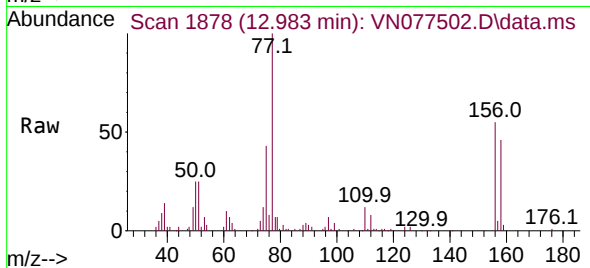
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

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Supervised By :Semsettin Yesilyurt

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#74

n-propylbenzene

Concen: 4.513 ug/l

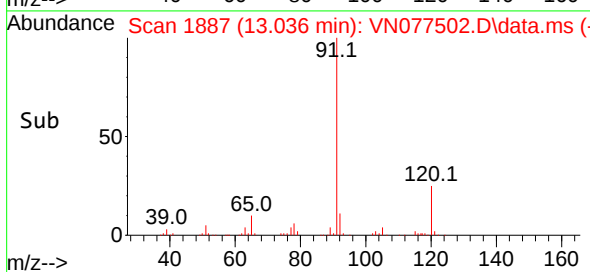
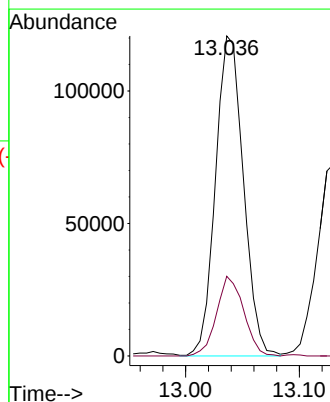
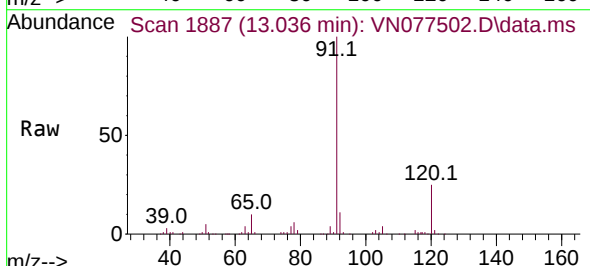
RT: 13.036 min Scan# 1887

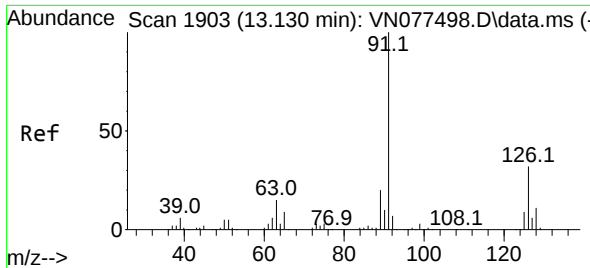
Delta R.T. 0.000 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

Tgt Ion:	91	Resp:	206296
Ion Ratio	Lower	Upper	
91	100		
120	24.1	0.0	46.4





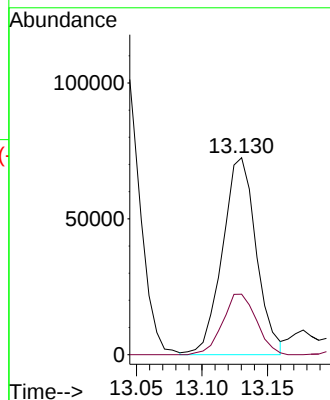
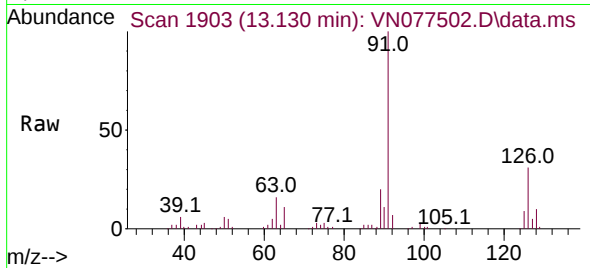
#75
2-Chlorotoluene
Concen: 4.627 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 130188
Ion Ratio Lower Upper
91 100
126 30.7 0.0 65.2

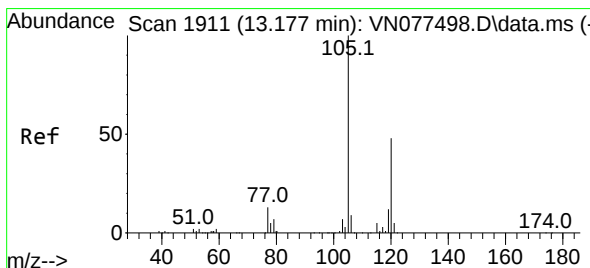
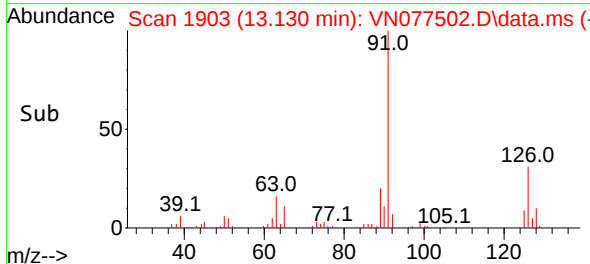
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



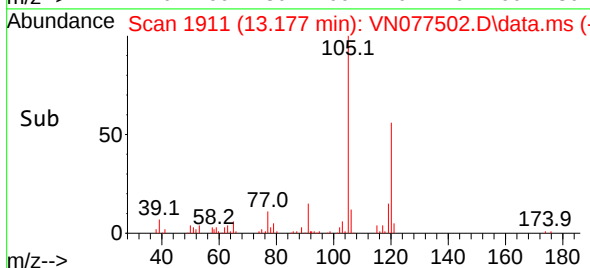
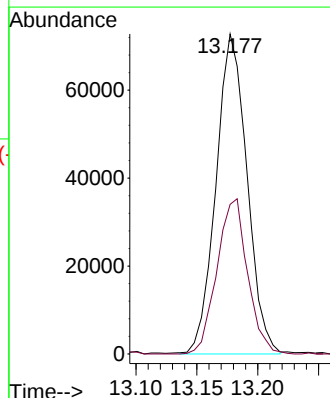
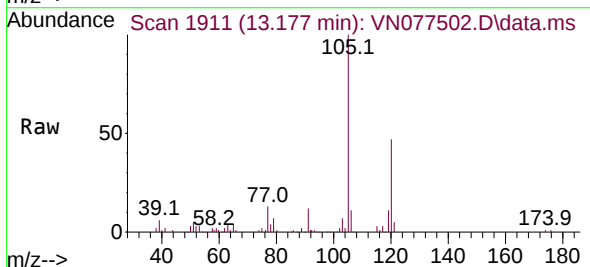
04/29/2023
Supervised By :Semsettin
Yesilyurt

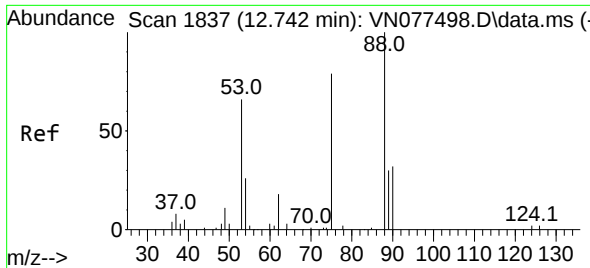
04/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 4.081 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

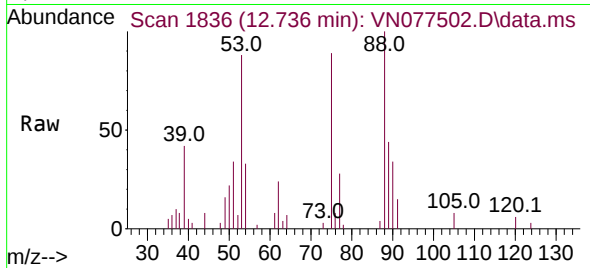
Tgt Ion:105 Resp: 128974
Ion Ratio Lower Upper
105 100
120 47.9 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 4.151 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



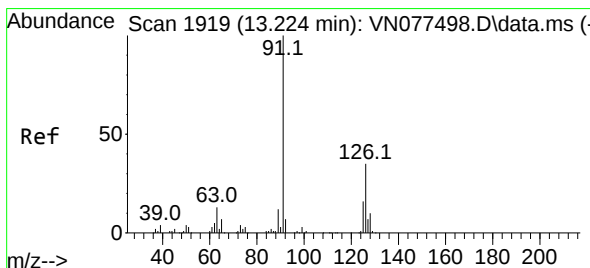
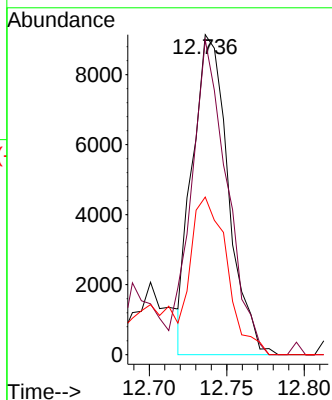
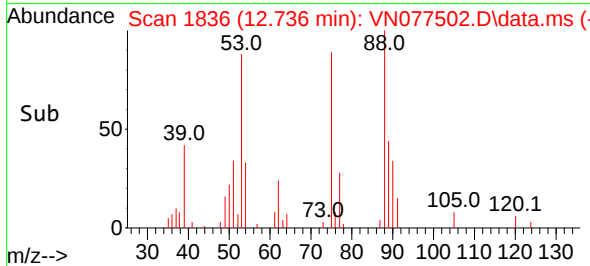
Tgt Ion: 75 Resp: 14719
Ion Ratio Lower Upper
75 100
53 98.3 38.2 114.6
89 49.3 22.1 66.1

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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

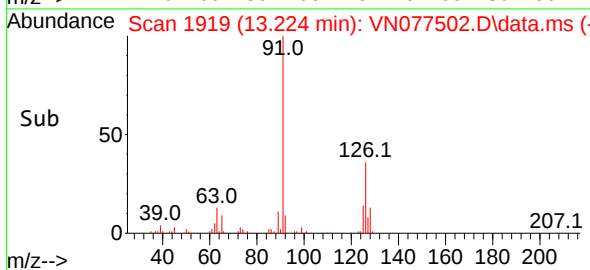
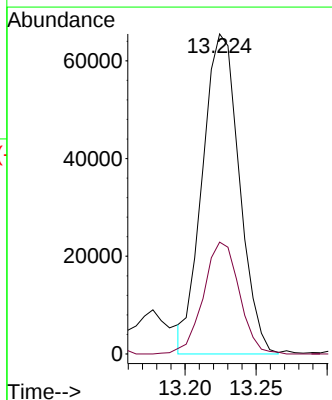
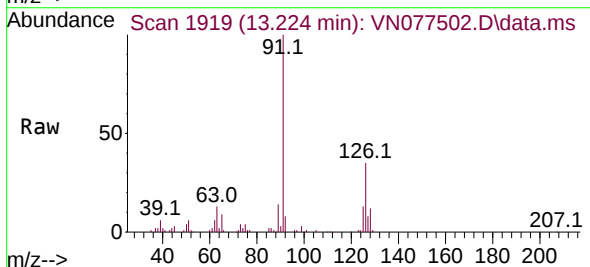
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Supervised By :Semsettin
Yesilyurt

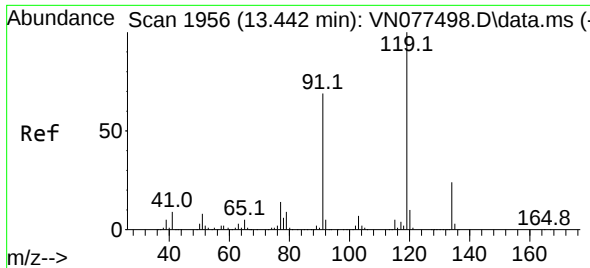
04/29/2023



#78
4-Chlorotoluene
Concen: 4.475 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 91 Resp: 118417
Ion Ratio Lower Upper
91 100
126 34.0 0.0 65.6





#79
tert-butylbenzene
Concen: 4.505 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

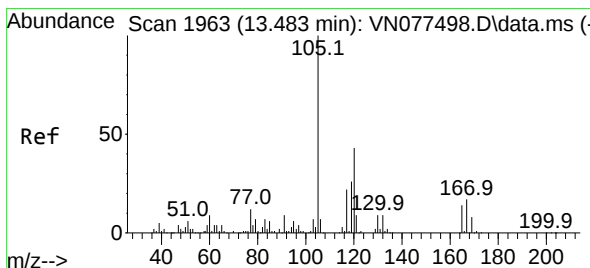
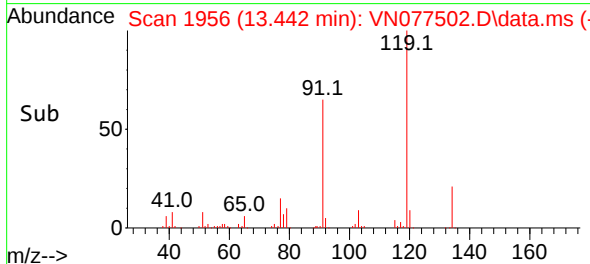
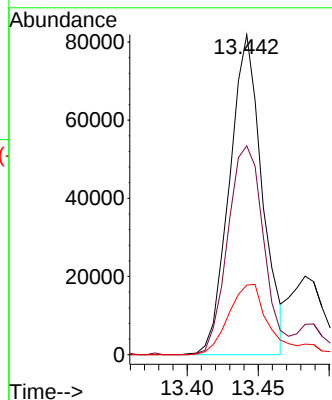
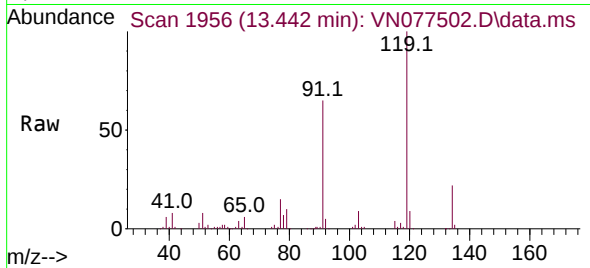
Tgt Ion:119 Resp: 13103
Ion Ratio Lower Upper
119 100
91 72.0 0.0 139.4
134 26.2 0.0 49.2

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Supervised By :Semsettin Yesilyurt 04/29/2023

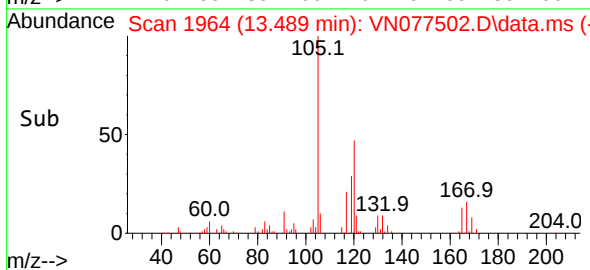
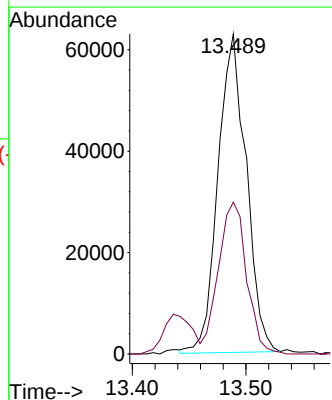
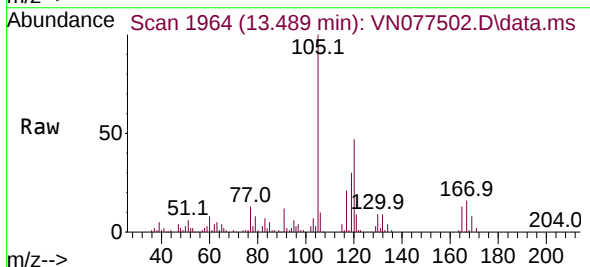
04/29/2023
Supervised By :Semsettin
Yesilyurt

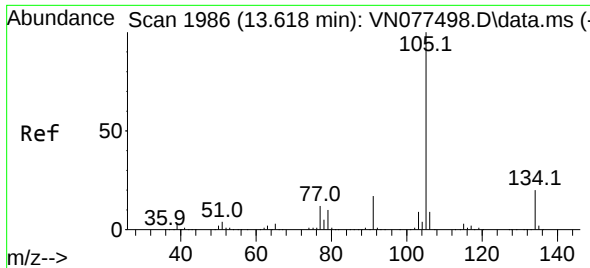
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#80
1,2,4-Trimethylbenzene
Concen: 3.699 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

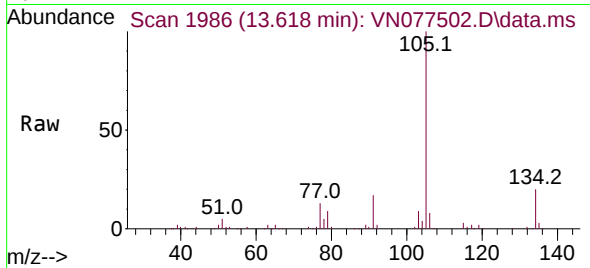
Tgt Ion:105 Resp: 108519
Ion Ratio Lower Upper
105 100
120 47.5 0.0 87.8





#81
 sec-Butylbenzene
 Concen: 4.289 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077502.D
 Acq: 28 Apr 2023 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005



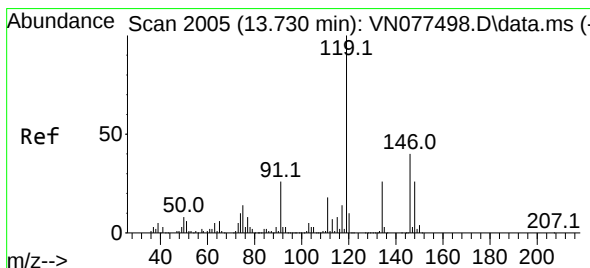
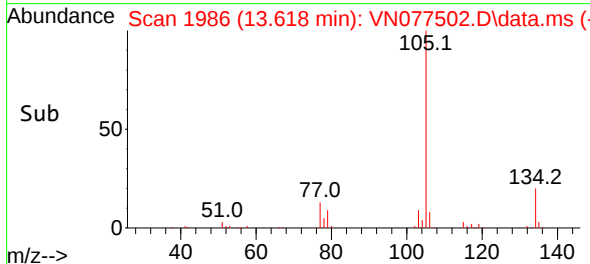
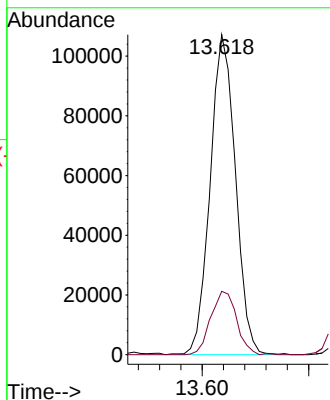
Tgt Ion:105 Resp: 176420
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 38.4

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Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023

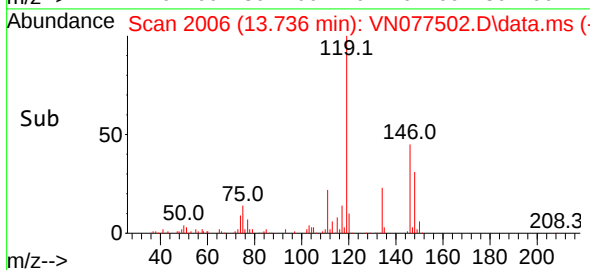
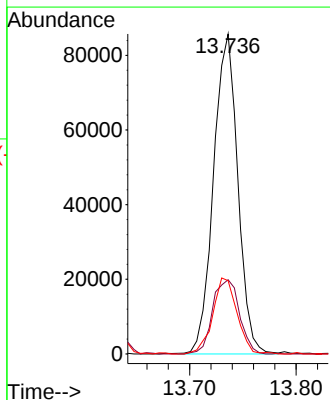
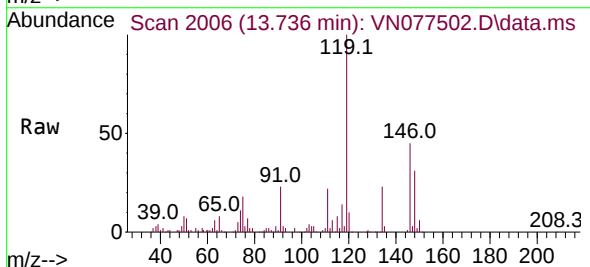
04/29/2023
 Supervised By :Semsettin
 Yesilyurt

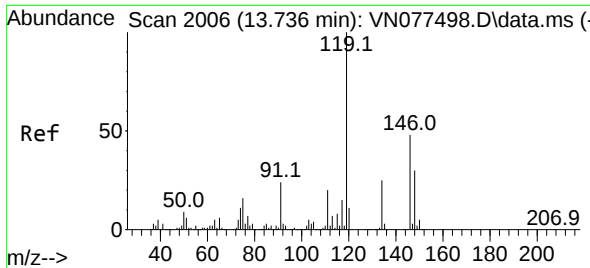
04/29/2023



#82
 p-Isopropyltoluene
 Concen: 4.206 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077502.D
 Acq: 28 Apr 2023 14:49

Tgt Ion:119 Resp: 135521
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.4
 91 23.6 0.0 50.6





#83
1,3-Dichlorobenzene
Concen: 4.396 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

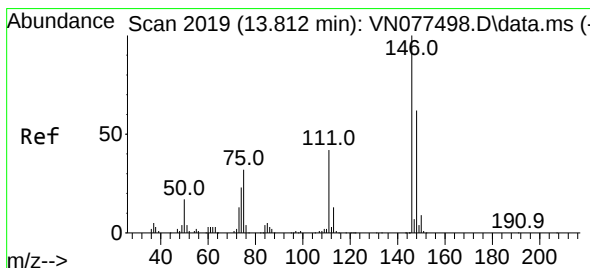
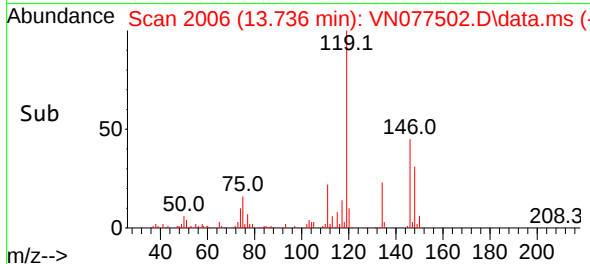
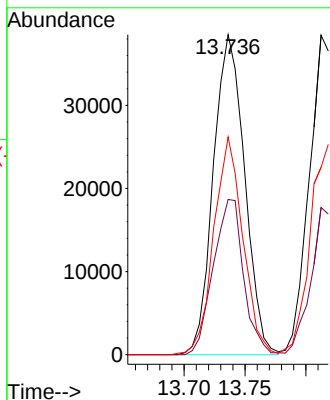
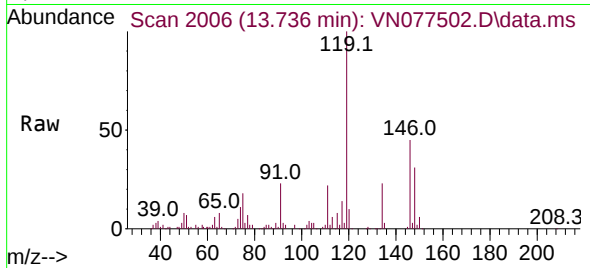
Tgt Ion:146 Resp: 68720
Ion Ratio Lower Upper
146 100
111 47.1 22.1 66.5
148 63.3 31.8 95.4

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Supervised By :Semsettin Yesilyurt 04/29/2023

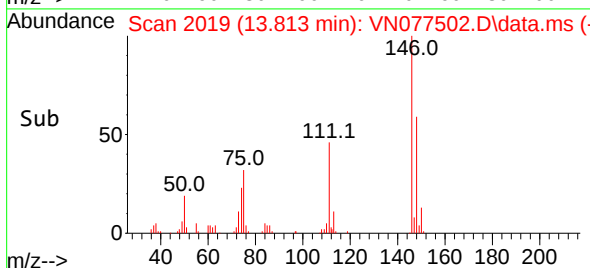
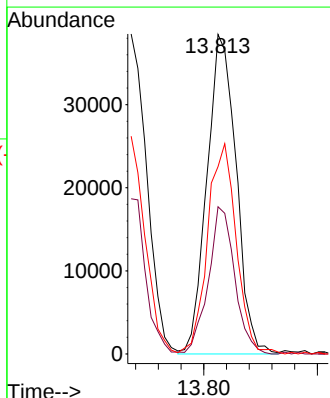
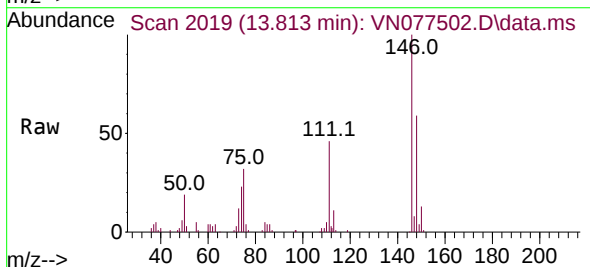
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Supervised By :Semsettin
Yesilyurt

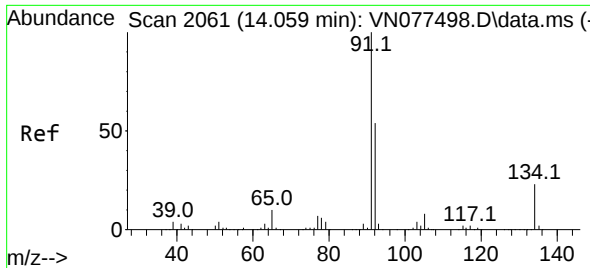
04/29/2023



#84
1,4-Dichlorobenzene
Concen: 4.451 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:146 Resp: 68808
Ion Ratio Lower Upper
146 100
111 41.4 20.9 62.7
148 64.0 31.6 94.7





#85
n-Butylbenzene
Concen: 3.698 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

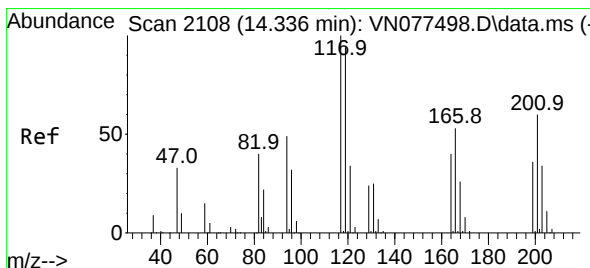
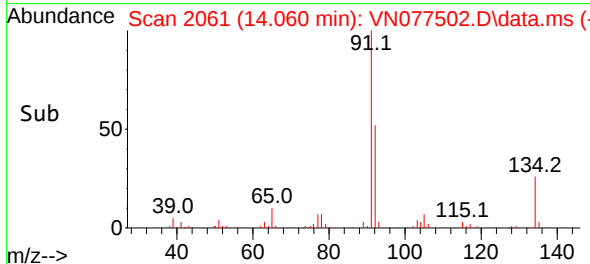
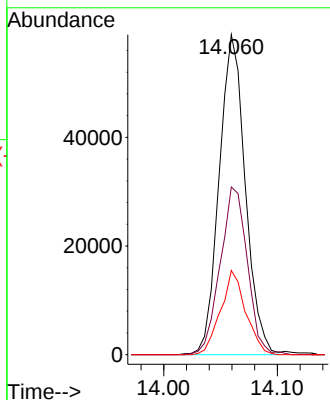
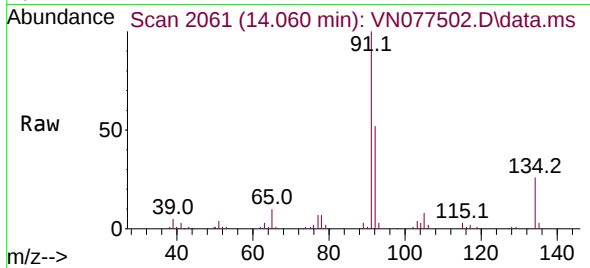
Tgt Ion: 91 Resp: 9417
Ion Ratio Lower Upper
91 100
92 54.1 0.0 108.4
134 25.3 0.0 50.0

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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

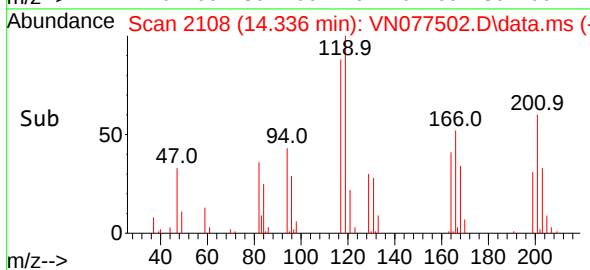
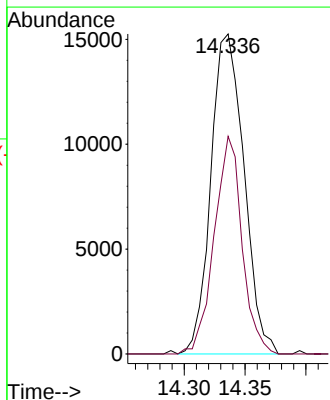
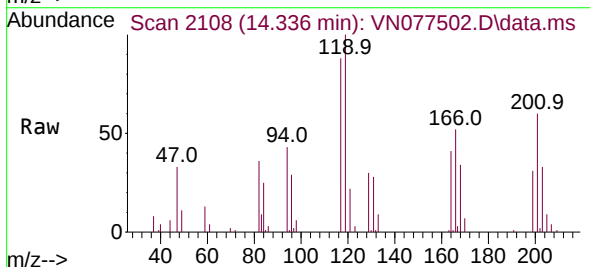
04/29/2023
Supervised By :Semsettin
Yesilyurt

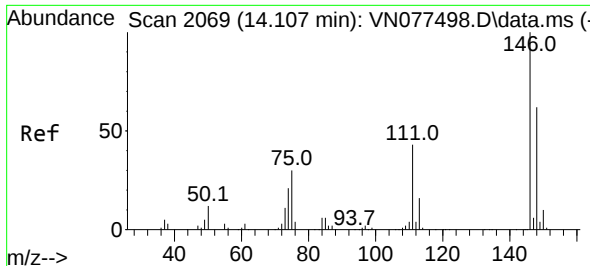
04/29/2023



#86
Hexachloroethane
Concen: 4.456 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:117 Resp: 28872
Ion Ratio Lower Upper
117 100
201 57.2 27.4 82.2





#87
1,2-Dichlorobenzene
Concen: 4.607 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

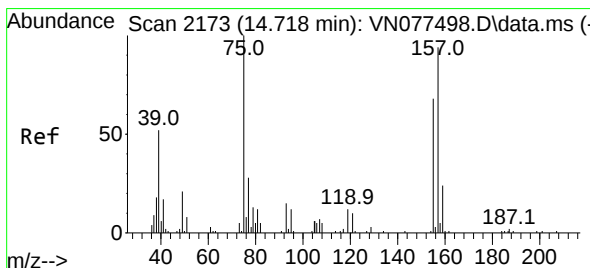
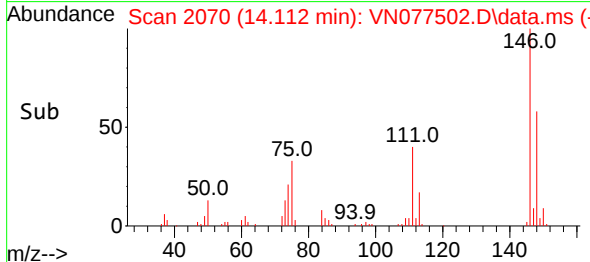
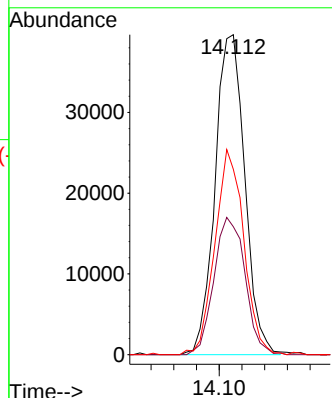
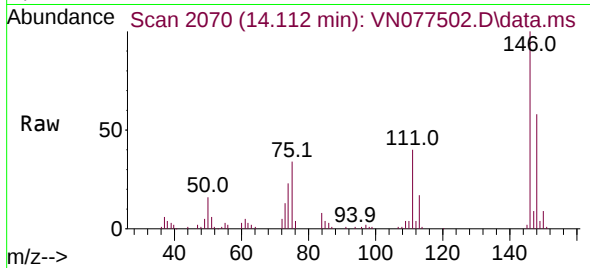
Tgt Ion:146 Resp: 7209
Ion Ratio Lower Upper
146 100
111 44.8 22.3 66.9
148 62.1 32.4 97.2

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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

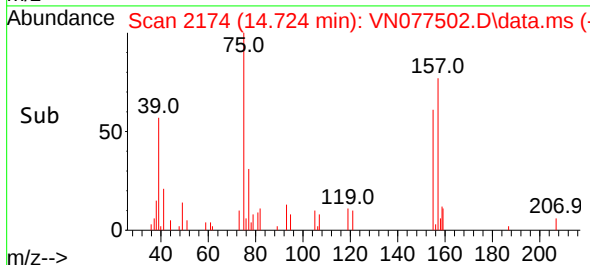
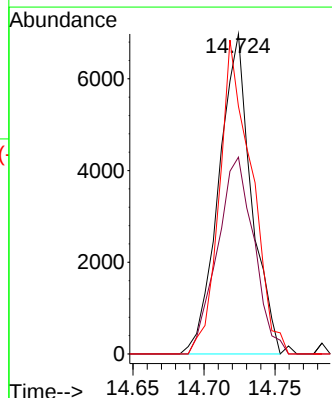
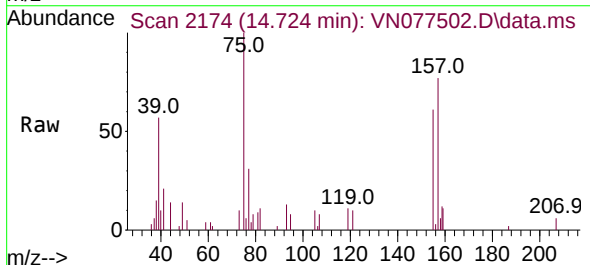
04/29/2023
Supervised By :Semsettin
Yesilyurt

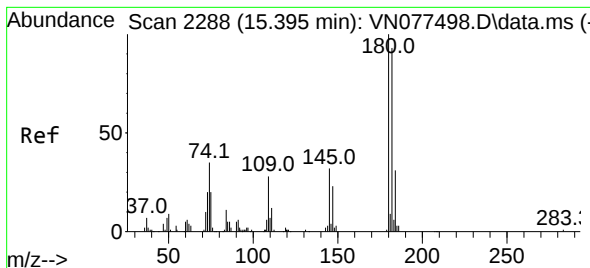
04/29/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.756 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion: 75 Resp: 11088
Ion Ratio Lower Upper
75 100
155 69.2 63.0 94.4
157 96.7 79.5 119.3





#89

1,2,4-Trichlorobenzene

Concen: 3.169 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:180	Resp:	14489	
Ion Ratio	Lower	Upper	
180	100		
182	89.8	78.7	118.1
145	34.8	28.8	43.2

Manual Integrations

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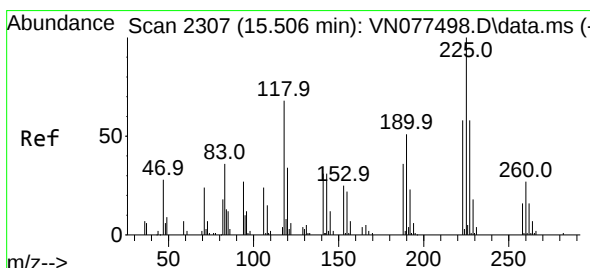
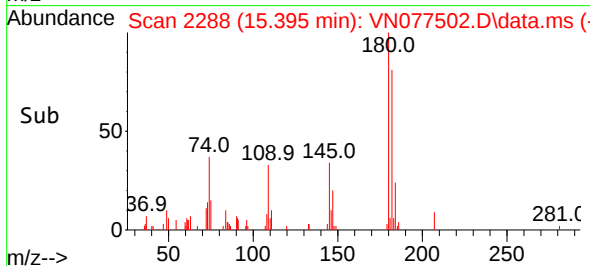
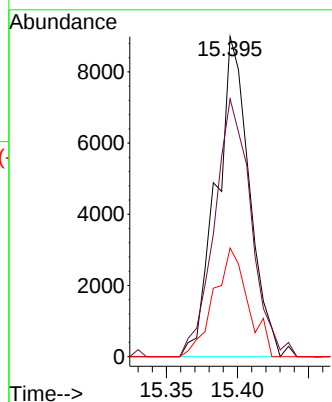
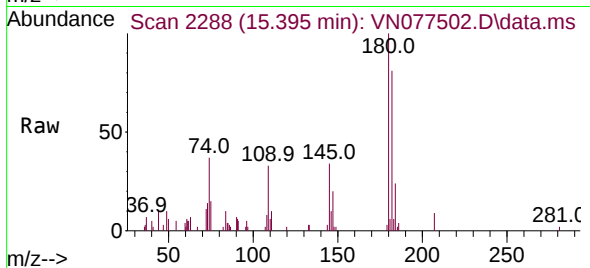
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

04/29/2023

Supervised By :Semsettin Yesilyurt

04/29/2023



#90

Hexachlorobutadiene

Concen: 4.860 ug/l

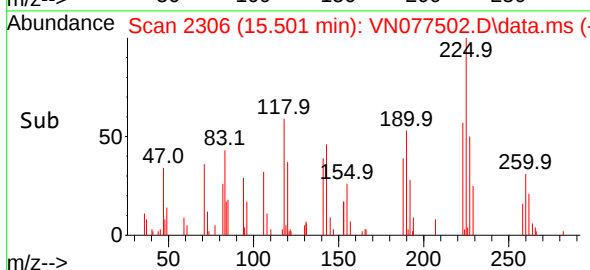
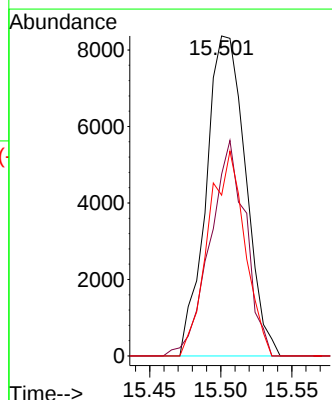
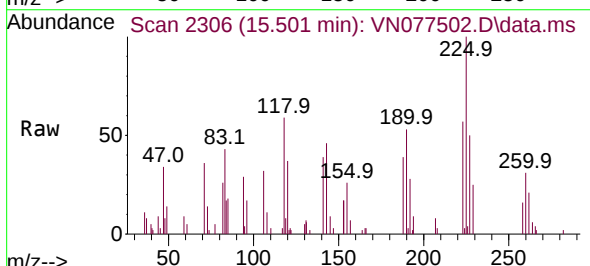
RT: 15.501 min Scan# 2306

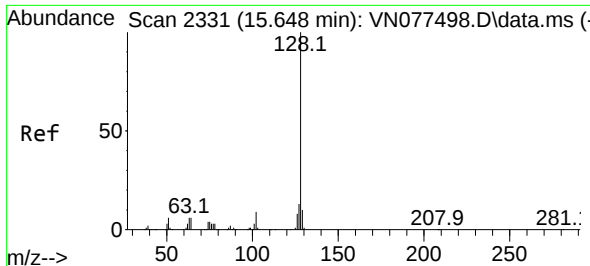
Delta R.T. -0.006 min

Lab File: VN077502.D

Acq: 28 Apr 2023 14:49

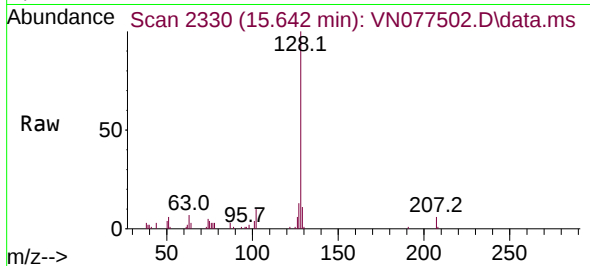
Tgt Ion:225	Resp:	16172	
Ion Ratio	Lower	Upper	
225	100		
223	60.9	0.0	124.2
227	59.4	0.0	119.2





#91
Naphthalene
Concen: 2.857 ug/l
RT: 15.642 min Scan# 2331
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



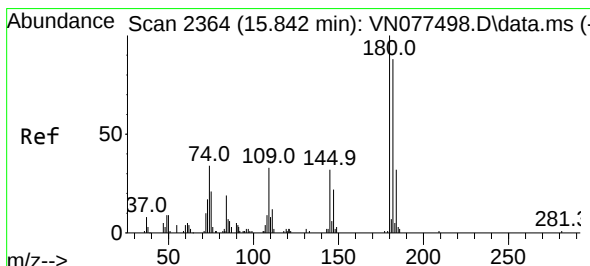
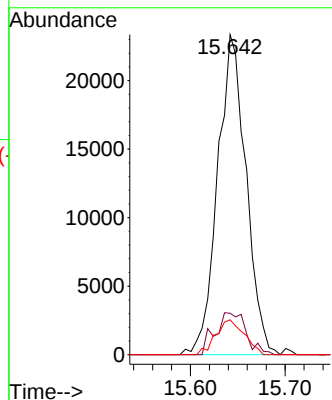
Tgt Ion:128 Resp: 48832
Ion Ratio Lower Upper
128 100
127 4.2 10.4 15.6
129 10.9 8.7 13.1

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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

04/29/2023
Supervised By :Semsettin
Yesilyurt

04/29/2023



#92
1,2,3-Trichlorobenzene
Concen: 3.178 ug/l
RT: 15.836 min Scan# 2363
Delta R.T. -0.006 min
Lab File: VN077502.D
Acq: 28 Apr 2023 14:49

Tgt Ion:180 Resp: 13951
Ion Ratio Lower Upper
180 100
182 61.2 0.0 198.0
145 35.5 0.0 80.2

