

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077497.D
 Acq On : 28 Apr 2023 11:33
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 28 13:12:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 07 13:04:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

04/29/2023
 Supervised By : Semsettin
 Yesilyurt

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

Internal Standards						
1) Bromochloromethane	7.819	128	66268	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	485015	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	516366	30.000	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	174244	31.003	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.333%
60) 4-Bromofluorobenzene	12.854	95	253549	28.397	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.667%
63) Toluene-d8	10.572	98	547144	30.141	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.467%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	38346	6.087	ug/l	93
3) Chloromethane	2.372	50	31539	3.768	ug/l	96
4) Vinyl Chloride	2.525	62	43597	3.637	ug/l	97
5) Bromomethane	2.954	94	38935m	4.310	ug/l	
6) Chloroethane	3.125	64	32534	4.049	ug/l	96
7) Trichlorofluoromethane	3.513	101	62933	5.638	ug/l	91
8) Diethyl Ether	3.972	74	22619	4.754	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.384	101	35605	5.101	ug/l	81
10) 1,1-Dichloroethene	4.354	96	35233m	5.046	ug/l	
11) Methyl Iodide	4.601	142	41081	5.207	ug/l	98
12) Methyl Acetate	5.043	43	47462	4.562	ug/l	91
13) Acrolein	4.190	56	33304	25.790	ug/l	99
14) Acrylonitrile	5.737	53	75449	21.217	ug/l #	86
15) Acetone	4.443	58	24190	18.750	ug/l	91
16) Carbon Disulfide	4.719	76	87458	4.745	ug/l #	93
17) Allyl chloride	5.037	41	36594m	4.071	ug/l	
18) Methylene Chloride	5.284	84	42601	5.254	ug/l #	83
19) trans-1,2-Dichloroethene	5.801	96	38341	5.050	ug/l	86
20) Diisopropyl ether	6.684	45	84473	3.943	ug/l	99
21) 1,1-Dichloroethane	6.584	63	65811	4.846	ug/l	95
22) cis-1,2-Dichloroethene	7.489	96	47329	5.113	ug/l	91
23) tert-Butyl Alcohol	5.531	59	32232	20.384	ug/l #	100
24) Methyl tert-Butyl Ether	5.813	73	117910	4.690	ug/l #	65
25) Chloroform	7.966	83	72782	4.946	ug/l	97
26) Cyclohexane	8.260	56	51132	4.333	ug/l #	52
29) 1,1-Dichloropropene	8.372	75	53238	5.067	ug/l	99
30) 2-Butanone	7.489	43	98251	19.775	ug/l	97
31) 2,2-Dichloropropane	7.501	77	62408	4.839	ug/l #	80
32) 1,1,1-Trichloroethane	8.172	97	69999	5.414	ug/l #	87
33) Carbon Tetrachloride	8.366	117	56565	5.126	ug/l #	87
34) Benzene	8.607	78	158087	4.863	ug/l #	87
35) Methacrylonitrile	7.795	41	20619	4.405	ug/l	91
36) 1,2-Dichloroethane	8.678	62	55124	5.408	ug/l	99
37) Trichloroethene	9.354	130	40352	5.075	ug/l	97
38) Methylcyclohexane	9.607	83	64173	4.503	ug/l	100
39) 1,2-Dichloropropane	9.625	63	36293	4.497	ug/l	98
40) Dibromomethane	9.713	93	29931	5.147	ug/l	99
41) Bromodichloromethane	9.889	83	55948	4.825	ug/l #	97
42) Vinyl Acetate	6.613	43	259628	18.055	ug/l #	100

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Manual Integrations

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Supervised By :Semsettin Yesilyurt 04/29/2023

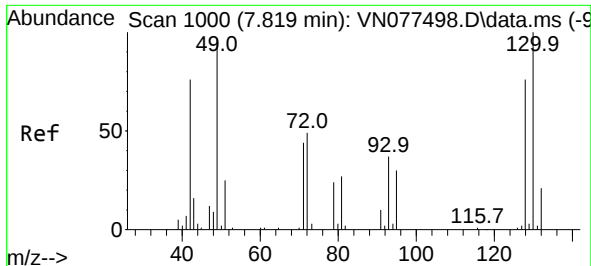
04/29/2023

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Yesilyurt

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
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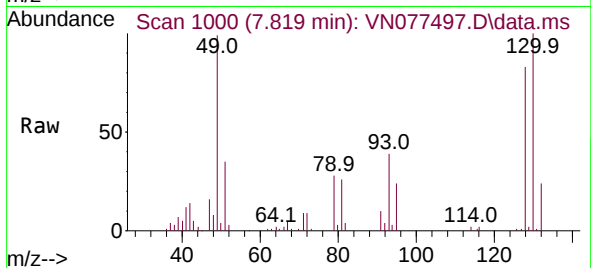
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
43) Ethyl Acetate	7.560	43	37589	4.089	ug/l	#	88
44) Isopropyl Acetate	8.695	43	65509	3.980	ug/l	#	100
45) 1,4-Dioxane	9.695	88	14992	86.370	ug/l		98
46) Methyl methacrylate	9.683	41	29513	4.165	ug/l		96
47) n-amyl Acetate	12.501	43	47756	3.320	ug/l		96
48) t-1,3-Dichloropropene	10.836	75	53814	4.147	ug/l		100
49) cis-1,3-Dichloropropene	10.313	75	59110	4.282	ug/l		93
50) 1,1,2-Trichloroethane	11.019	97	40604	4.807	ug/l		95
51) Ethyl methacrylate	10.878	69	55228	4.258	ug/l		94
52) 1,3-Dichloropropane	11.166	76	67986	4.823	ug/l		99
53) Dibromochloromethane	11.360	129	39448	4.431	ug/l		97
54) 1,2-Dibromoethane	11.472	107	41339	4.876	ug/l		100
55) 2-Chloroethyl vinyl ether	10.160	63	77311	19.306	ug/l	#	88
56) Bromoform	12.583	173	25159	4.207	ug/l	#	98
58) 4-Methyl-2-Pentanone	10.448	43	189402	19.590	ug/l	#	93
59) 2-Hexanone	11.195	43	139340	18.645	ug/l		95
61) Tetrachloroethene	11.107	164	31488	5.127	ug/l		93
62) Toluene	10.630	91	181601	5.041	ug/l		98
64) Chlorobenzene	11.895	112	107180	4.897	ug/l		90
65) 1,1,1,2-Tetrachloroethane	11.960	131	38249	4.752	ug/l		95
66) Ethyl Benzene	11.966	91	186563	4.674	ug/l		100
67) m/p-Xylenes	12.077	106	144957	9.265	ug/l		98
68) o-Xylene	12.401	106	73659	4.706	ug/l		99
69) Styrene	12.413	104	107301	4.279	ug/l		97
70) Isopropylbenzene	12.701	105	187031	4.708	ug/l		98
71) 1,1,2,2-Tetrachloroethane	12.942	83	57351	4.715	ug/l		99
72) 1,2,3-Trichloropropane	12.995	75	50091m	6.058	ug/l		
73) Bromobenzene	12.977	156	40723	5.046	ug/l		92
74) n-propylbenzene	13.036	91	194020	4.415	ug/l		99
75) 2-Chlorotoluene	13.130	91	119176	4.527	ug/l		99
76) 1,3,5-Trimethylbenzene	13.177	105	118452	3.664	ug/l		96
77) t-1,4-Dichloro-2-butene	12.742	75	14088	3.345	ug/l		97
78) 4-Chlorotoluene	13.224	91	108843	4.375	ug/l		97
79) tert-butylbenzene	13.442	119	132430	4.707	ug/l		97
80) 1,2,4-Trimethylbenzene	13.489	105	102587	3.255	ug/l		99
81) sec-Butylbenzene	13.618	105	167058	4.157	ug/l		98
82) p-Isopropyltoluene	13.730	119	120700	3.749	ug/l		96
83) 1,3-Dichlorobenzene	13.736	146	64366	4.207	ug/l		100
84) 1,4-Dichlorobenzene	13.818	146	60893	4.102	ug/l		97
85) n-Butylbenzene	14.060	91	82805	3.113	ug/l		97
86) Hexachloroethane	14.336	117	27017	3.945	ug/l		100
87) 1,2-Dichlorobenzene	14.107	146	65124	4.344	ug/l		98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	9141	3.922	ug/l		92
89) 1,2,4-Trichlorobenzene	15.389	180	10908	1.850	ug/l		94
90) Hexachlorobutadiene	15.507	225	14129	4.671	ug/l		97
91) Naphthalene	15.642	128	33057	1.467	ug/l		99
92) 1,2,3-Trichlorobenzene	15.836	180	11709	2.035	ug/l		84

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



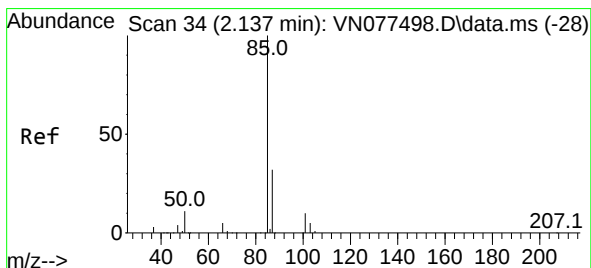
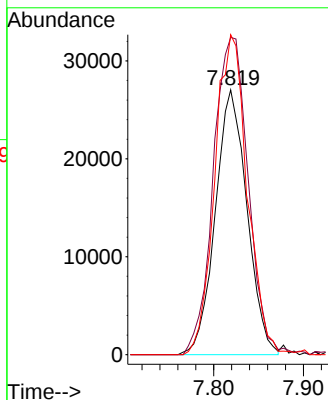
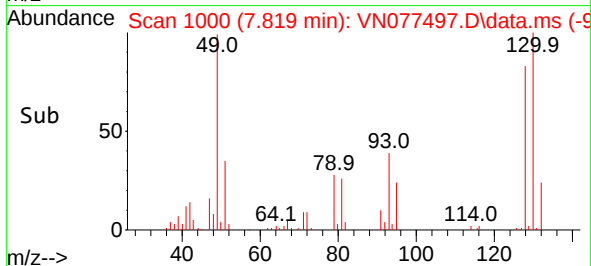
Tgt Ion:128 Resp: 6626
Ion Ratio Lower Upper
128 100
49 131.5 0.0 379.5
130 123.6 0.0 322.8

Manual Integrations
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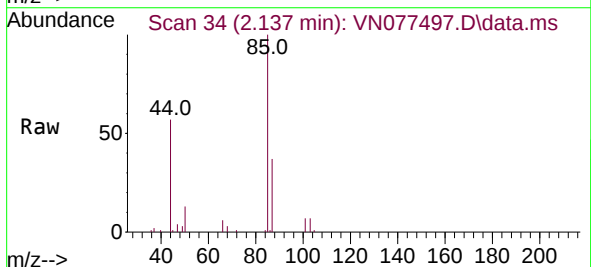
Reviewed By :John Carlone 04/29/2023
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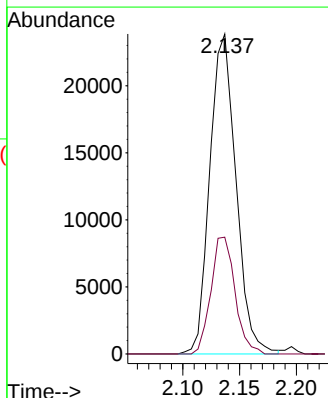
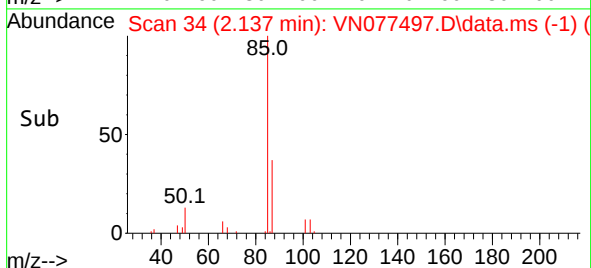
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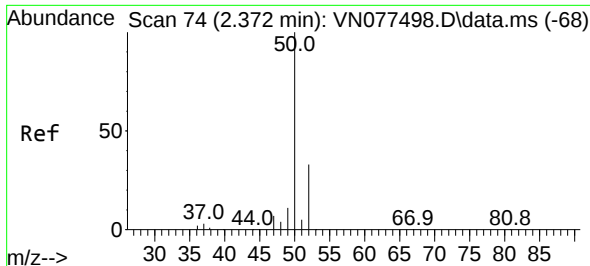


#2
Dichlorodifluoromethane
Concen: 6.087 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33



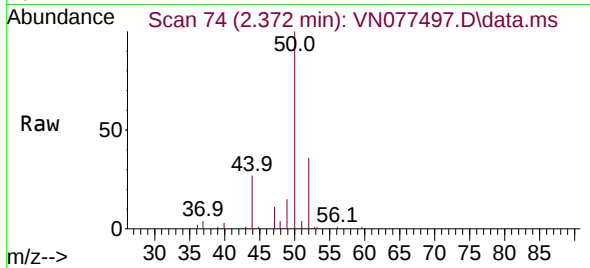
Tgt Ion: 85 Resp: 38346
Ion Ratio Lower Upper
85 100
87 36.5 16.2 48.6





#3
Chloromethane
Concen: 3.768 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



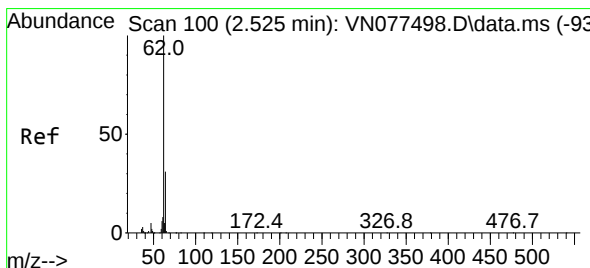
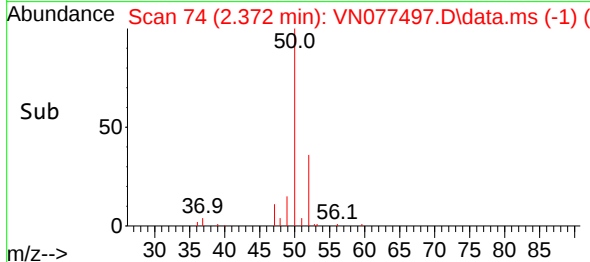
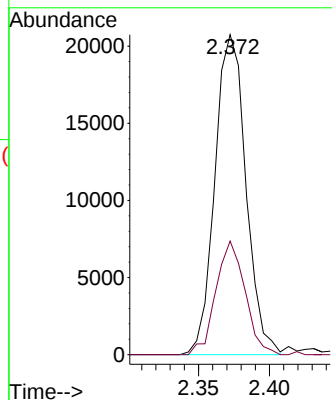
Tgt Ion: 50 Resp: 31539
Ion Ratio Lower Upper
50 100
52 35.5 26.4 39.6

Manual Integrations
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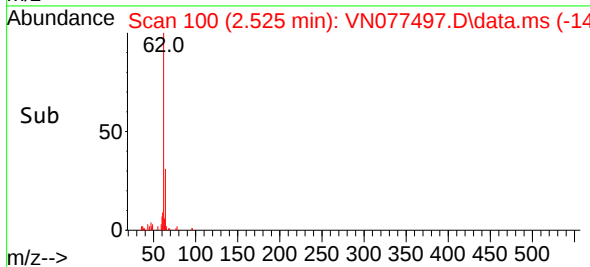
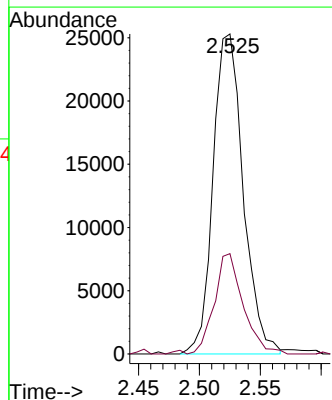
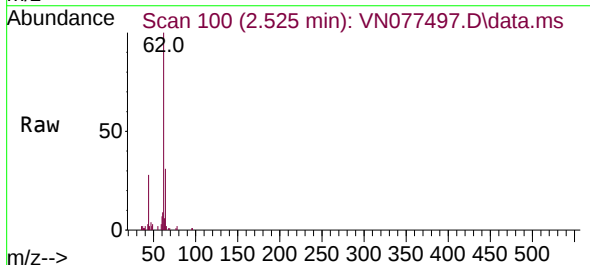
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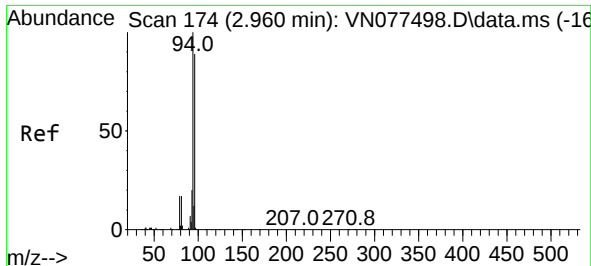
04/29/2023



#4
Vinyl Chloride
Concen: 3.637 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

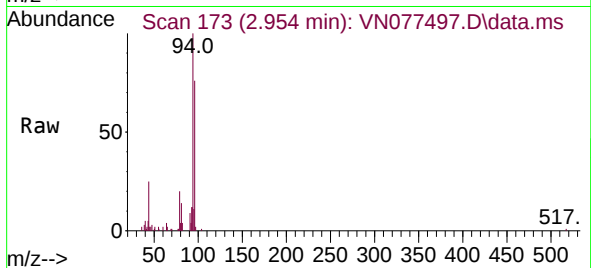
Tgt Ion: 62 Resp: 43597
Ion Ratio Lower Upper
62 100
64 30.2 25.4 38.0





#5
Bromomethane
Concen: 4.310 ug/l m
RT: 2.954 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



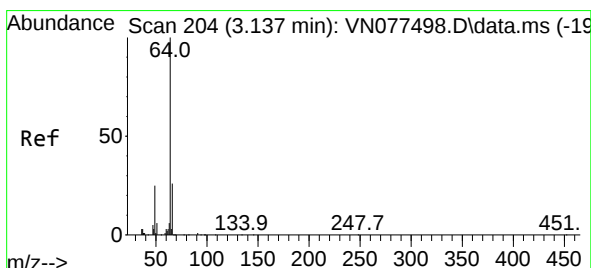
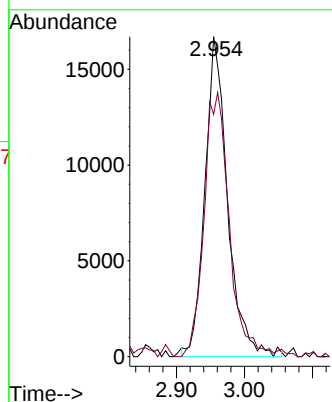
Tgt Ion: 94 Resp: 3893
Ion Ratio Lower Upper
94 100
96 75.7 77.0 115.6

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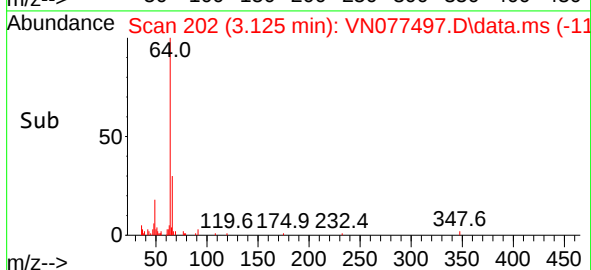
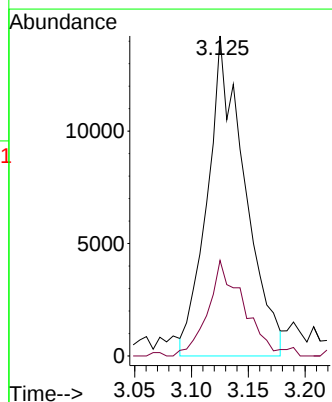
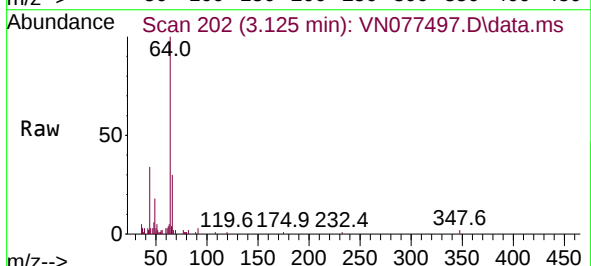
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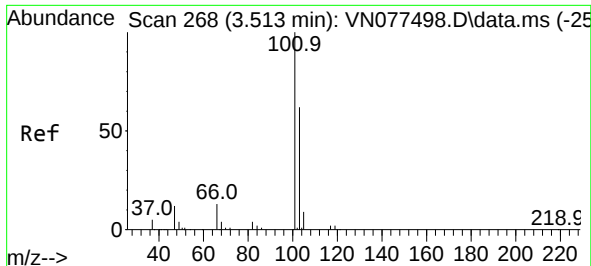
04/29/2023



#6
Chloroethane
Concen: 4.049 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

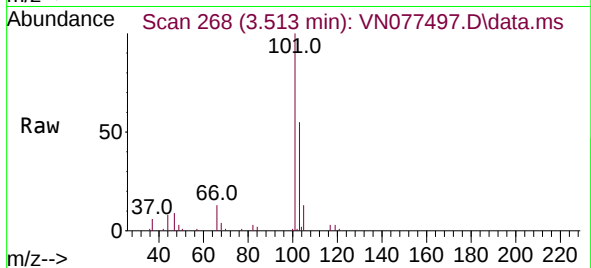
Tgt Ion: 64 Resp: 32534
Ion Ratio Lower Upper
64 100
66 29.7 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 5.638 ug/l
 RT: 3.513 min Scan# 268
 Delta R.T. 0.011 min
 Lab File: VN077497.D
 Acq: 28 Apr 2023 11:33

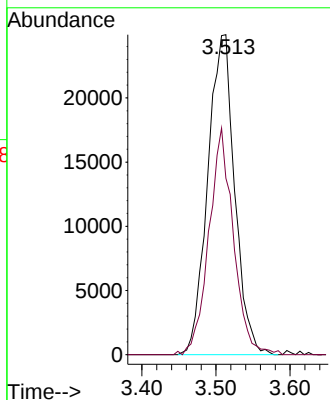
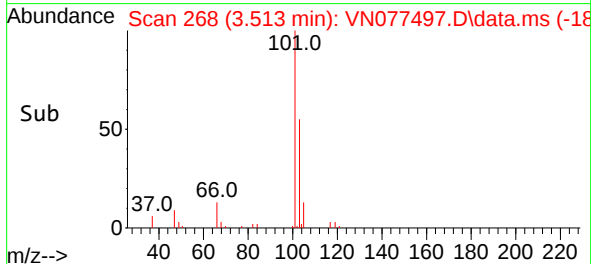
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 101 Resp: 6293
 Ion Ratio Lower Upper
 101 100
 103 54.1 48.9 73.3

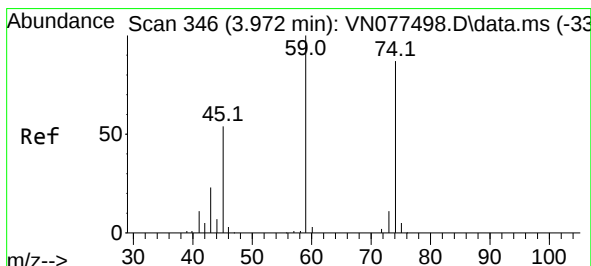
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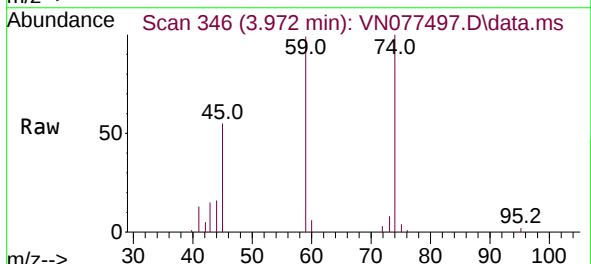


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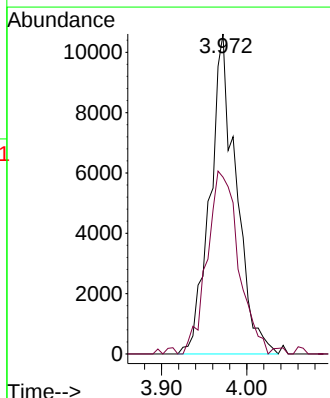
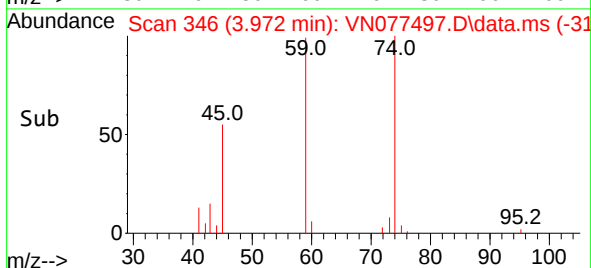
04/29/2023

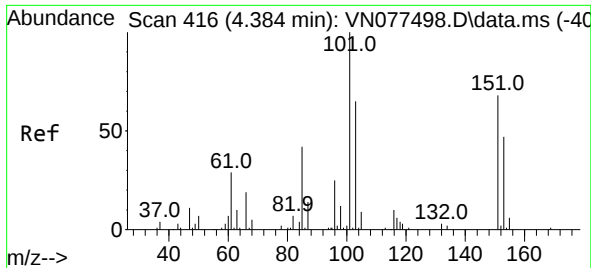


#8
 Diethyl Ether
 Concen: 4.754 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.006 min
 Lab File: VN077497.D
 Acq: 28 Apr 2023 11:33



Tgt Ion: 74 Resp: 22619
 Ion Ratio Lower Upper
 74 100
 45 68.6 14.8 133.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.101 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
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ClientSampleId :
VSTDICC005

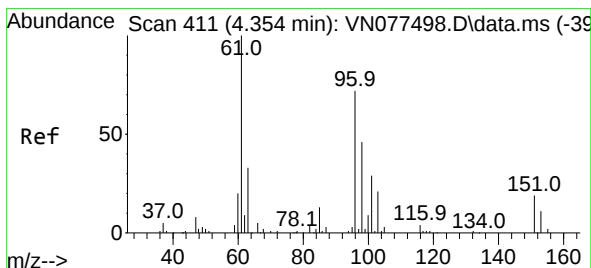
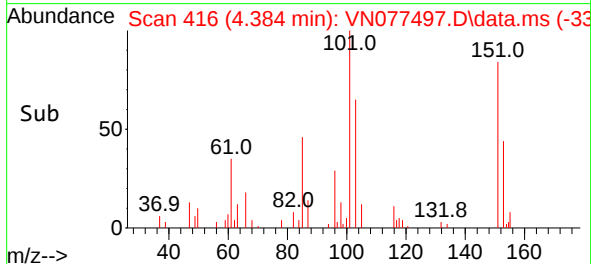
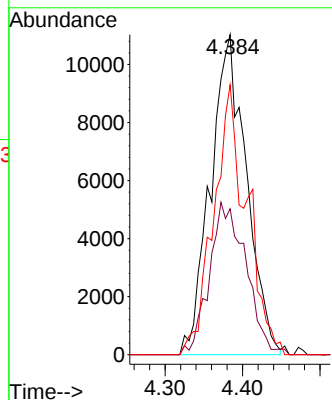
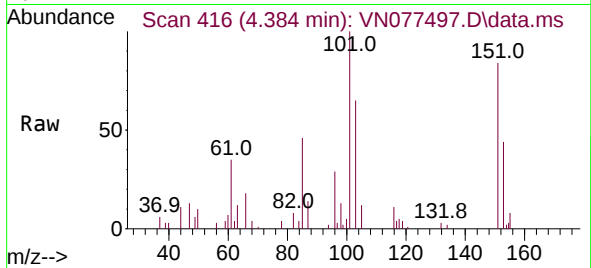
Tgt Ion:101 Resp: 3560
Ion Ratio Lower Upper
101 100
85 36.2 0.0 89.6
151 51.7 0.0 141.6

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

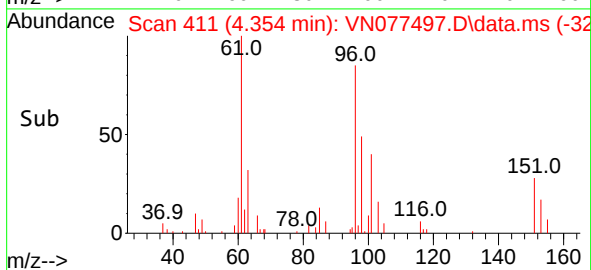
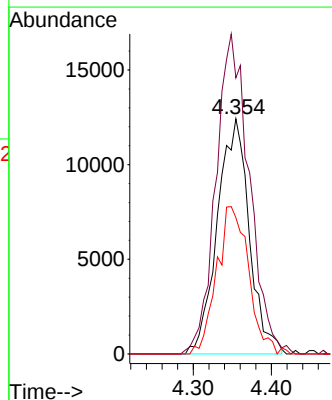
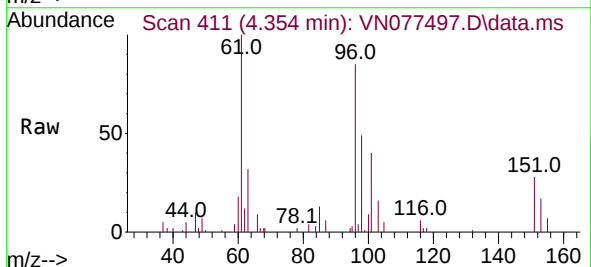
04/29/2023
Supervised By :Semsettin
Yesilyurt

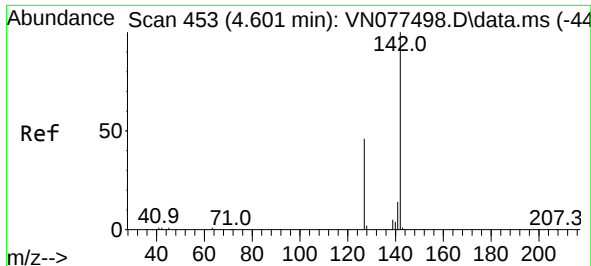
04/29/2023



#10
1,1-Dichloroethene
Concen: 5.046 ug/l m
RT: 4.354 min Scan# 411
Delta R.T. 0.005 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

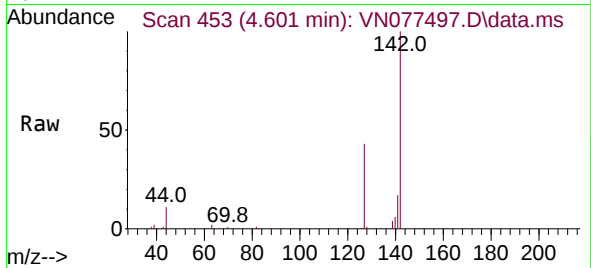
Tgt Ion: 96 Resp: 35233
Ion Ratio Lower Upper
96 100
61 117.4 110.7 166.1
98 58.0 49.6 74.4





#11
Methyl Iodide
Concen: 5.207 ug/l
RT: 4.601 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



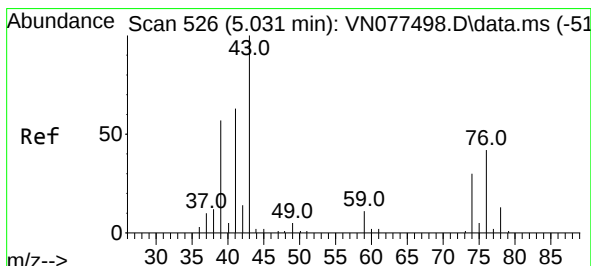
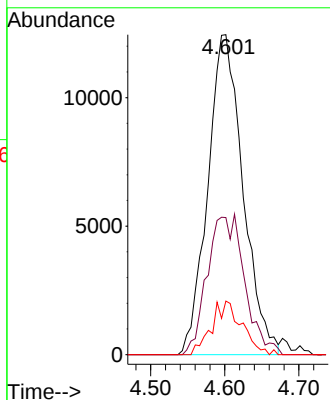
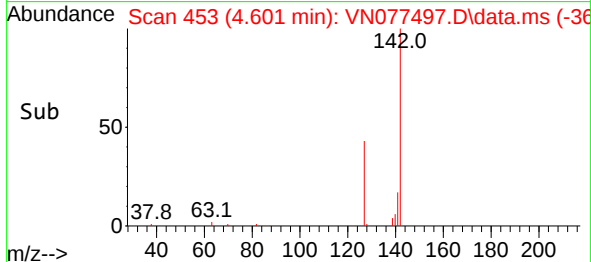
Tgt Ion:142 Resp: 4108
Ion Ratio Lower Upper
142 100
127 42.5 21.3 63.7
141 17.0 7.0 20.9

Manual Integrations APPROVED

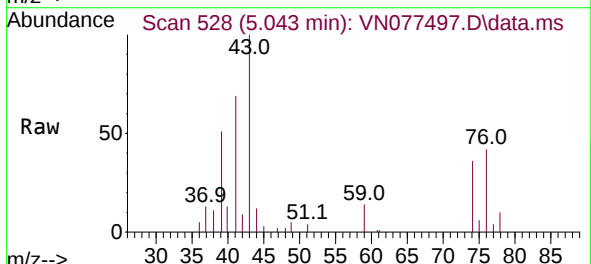
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

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Supervised By :Semsettin
Yesilyurt

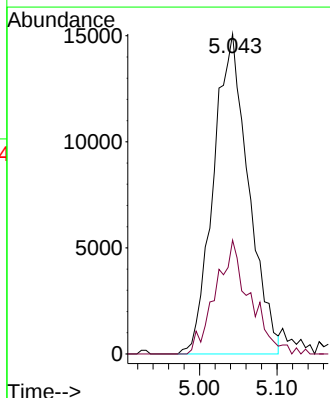
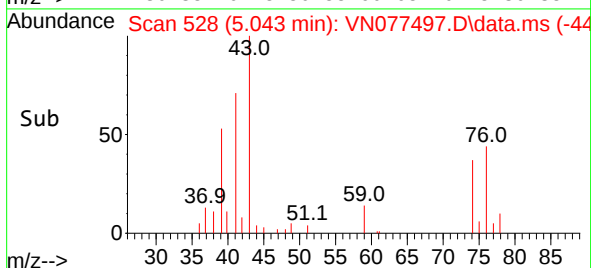
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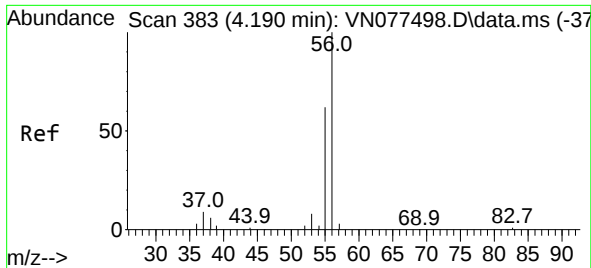


#12
Methyl Acetate
Concen: 4.562 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33



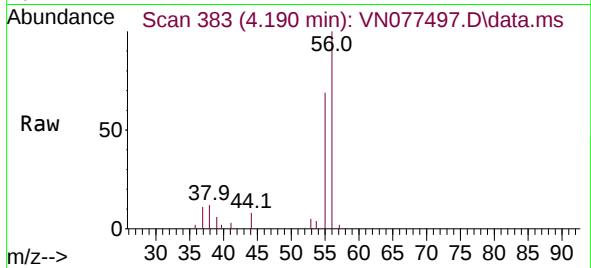
Tgt Ion: 43 Resp: 47462
Ion Ratio Lower Upper
43 100
74 35.3 24.2 36.2





#13
Acrolein
Concen: 25.790 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



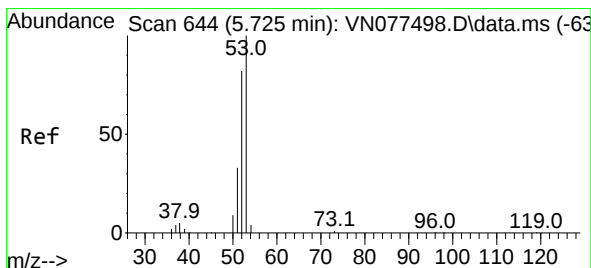
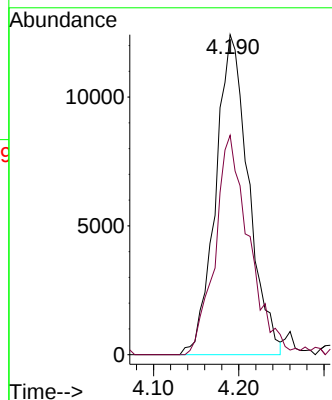
Tgt Ion: 56 Resp: 33304
Ion Ratio Lower Upper
56 100
55 68.1 55.2 82.8

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

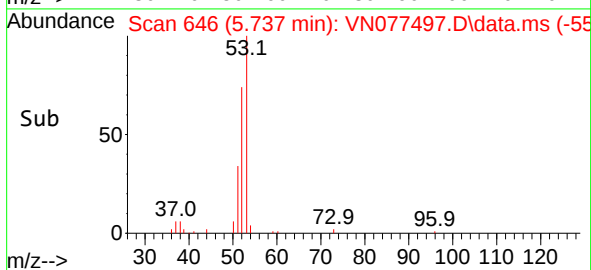
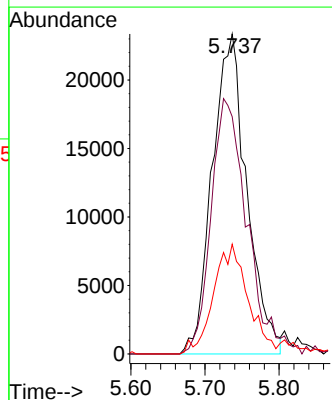
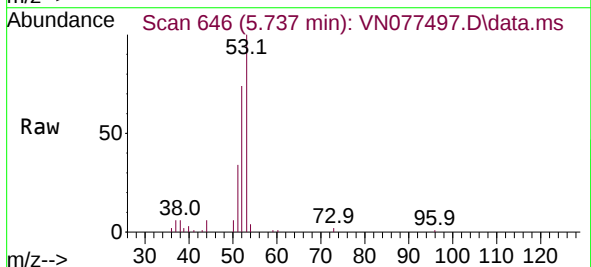
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Yesilyurt

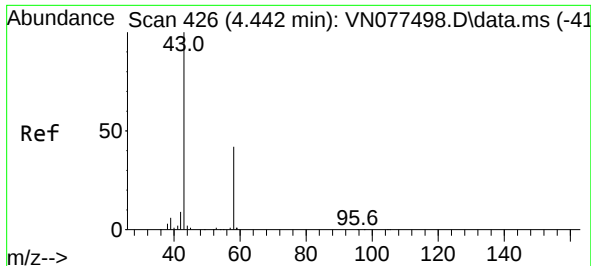
04/29/2023



#14
Acrylonitrile
Concen: 21.217 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.012 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 53 Resp: 75449
Ion Ratio Lower Upper
53 100
52 79.2 41.0 123.0
51 13.4 17.7 53.1#





#15

Acetone

Concen: 18.750 ug/l

RT: 4.443 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 58 Resp: 24190

Ion Ratio Lower Upper

58 100

43 260.3 220.9 331.3

Manual Integrations

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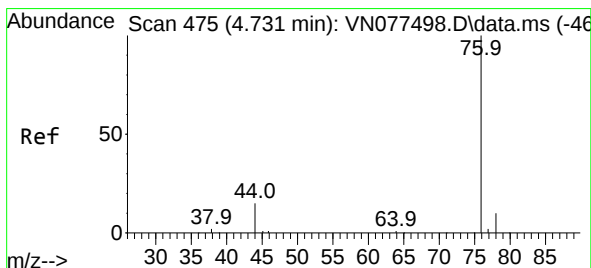
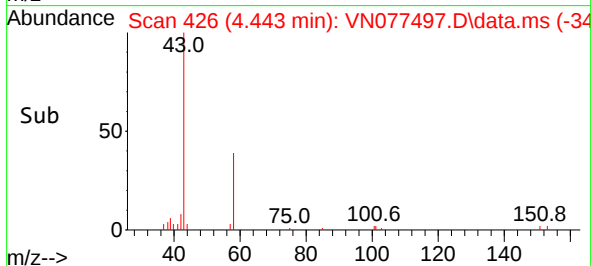
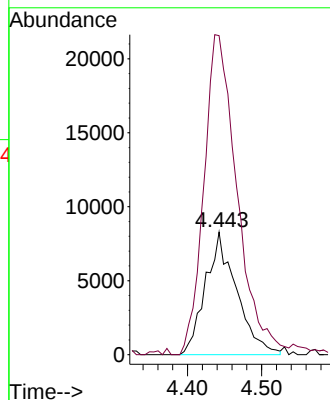
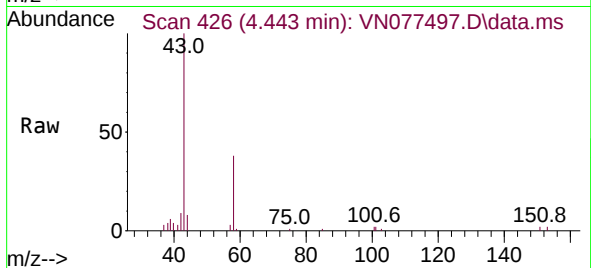
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

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Supervised By :Semsettin
Yesilyurt

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#16

Carbon Disulfide

Concen: 4.745 ug/l

RT: 4.719 min Scan# 473

Delta R.T. 0.000 min

Lab File: VN077497.D

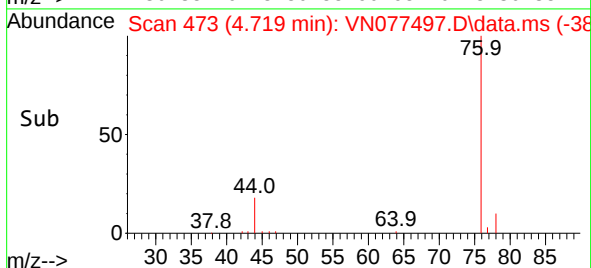
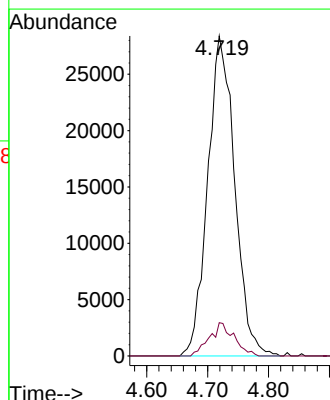
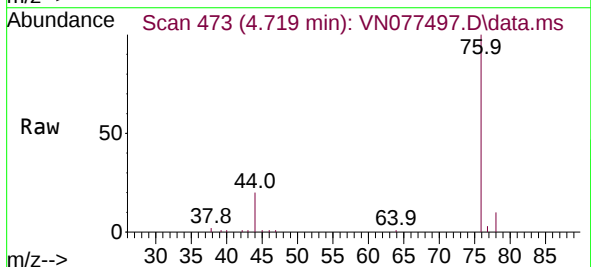
Acq: 28 Apr 2023 11:33

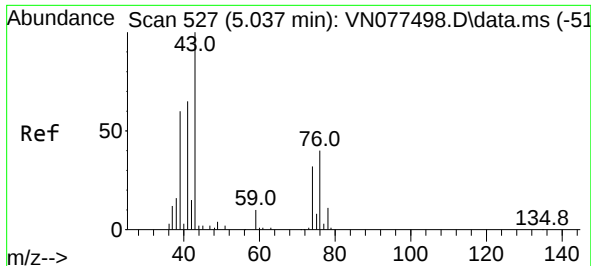
Tgt Ion: 76 Resp: 87458

Ion Ratio Lower Upper

76 100

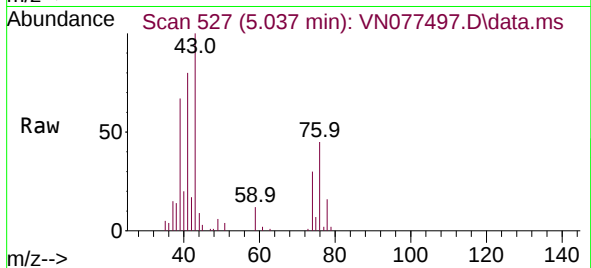
78 10.4 6.3 9.5#





#17
 Allyl chloride
 Concen: 4.071 ug/l m
 RT: 5.037 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN077497.D
 Acq: 28 Apr 2023 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



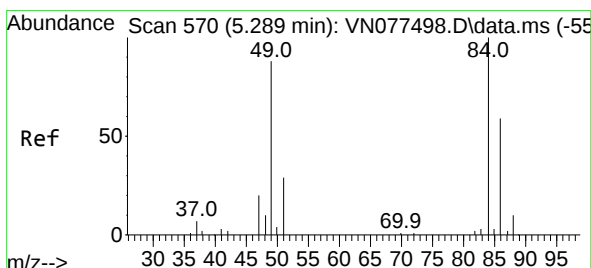
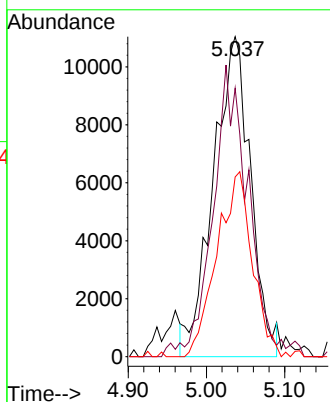
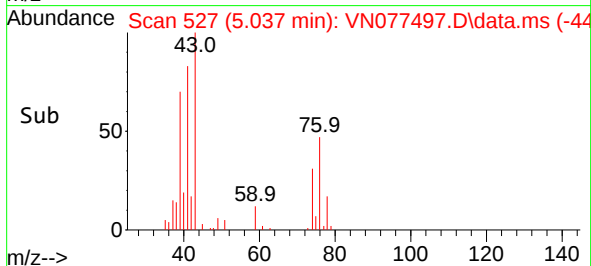
Tgt Ion: 41 Resp: 36594
 Ion Ratio Lower Upper
 41 100
 39 83.9 40.3 120.9
 76 56.2 25.3 75.8

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

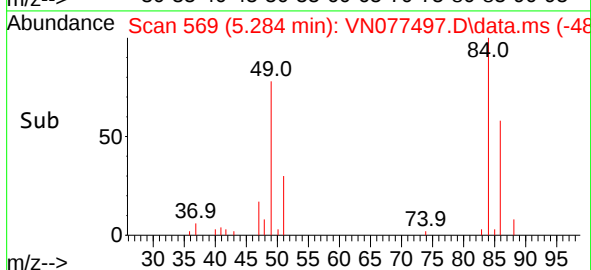
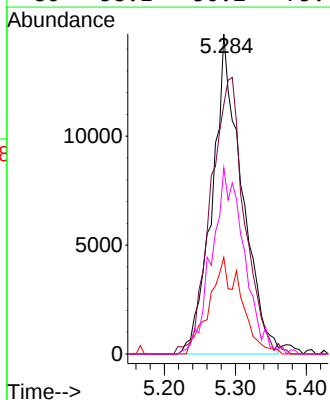
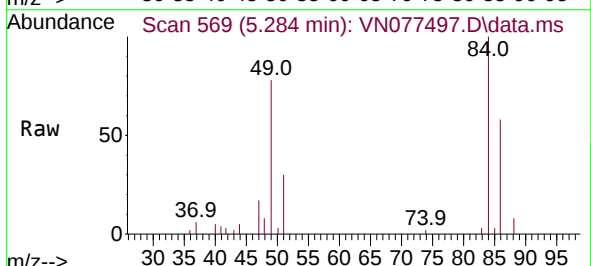
04/29/2023
 Supervised By :Semsettin
 Yesilyurt

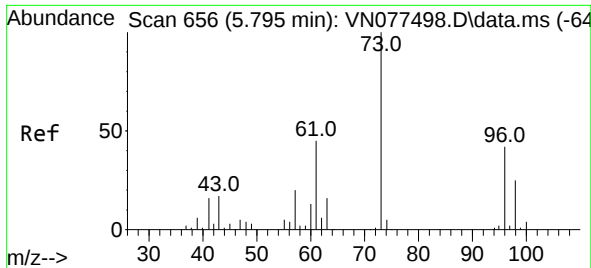
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#18
 Methylene Chloride
 Concen: 5.254 ug/l
 RT: 5.284 min Scan# 569
 Delta R.T. -0.006 min
 Lab File: VN077497.D
 Acq: 28 Apr 2023 11:33

Tgt Ion: 84 Resp: 42601
 Ion Ratio Lower Upper
 84 100
 49 75.6 82.7 124.1#
 51 30.1 25.6 38.4
 86 58.1 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 5.050 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.011 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 3834
Ion Ratio Lower Upper
96 100
61 140.5 94.5 141.7
98 63.9 49.8 74.8

Manual Integrations

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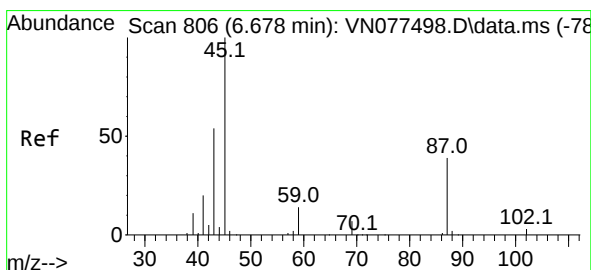
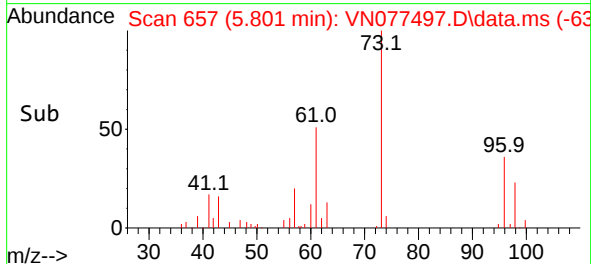
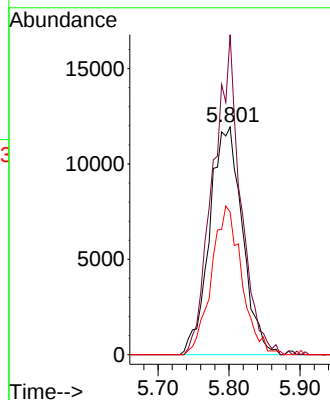
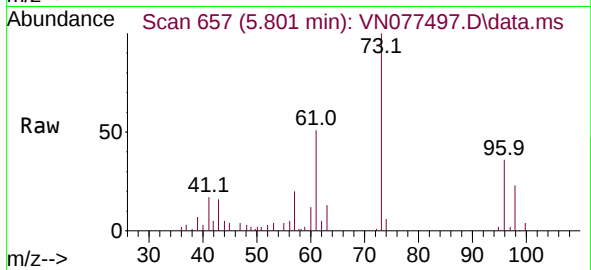
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

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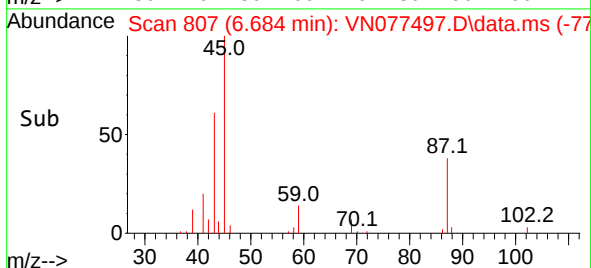
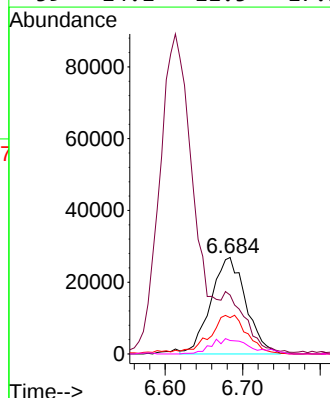
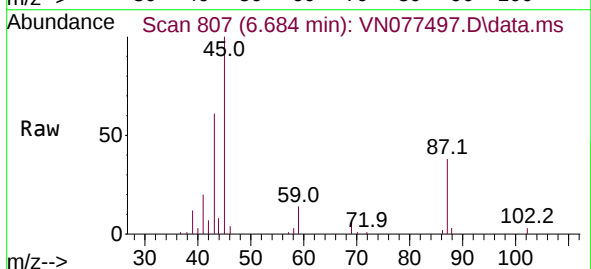
Supervised By :Semsettin
Yesilyurt

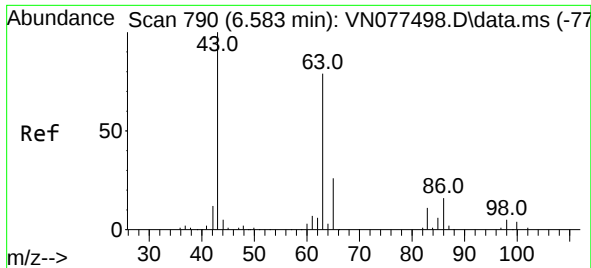
04/29/2023



#20
Diisopropyl ether
Concen: 3.943 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 45 Resp: 84473
Ion Ratio Lower Upper
45 100
43 58.6 45.9 68.9
87 37.0 30.1 45.1
59 14.1 11.5 17.3





#21
1,1-Dichloroethane
Concen: 4.846 ug/l
RT: 6.584 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

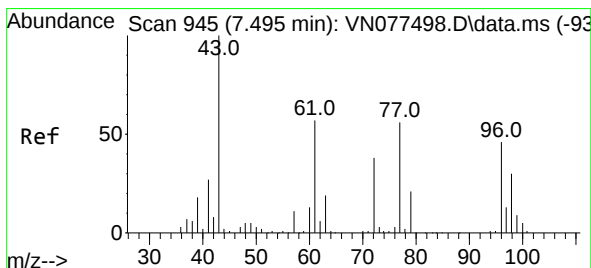
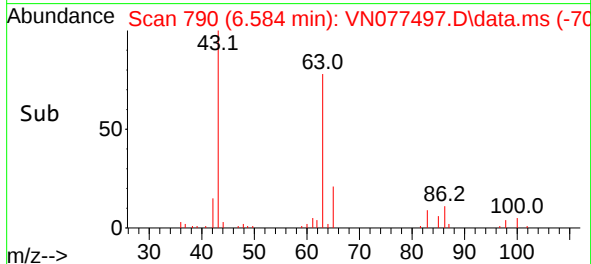
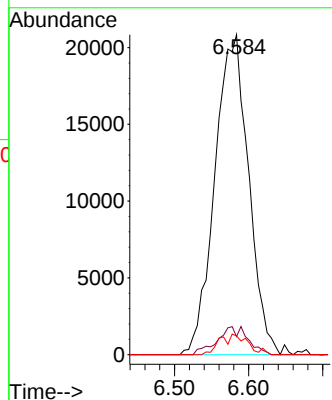
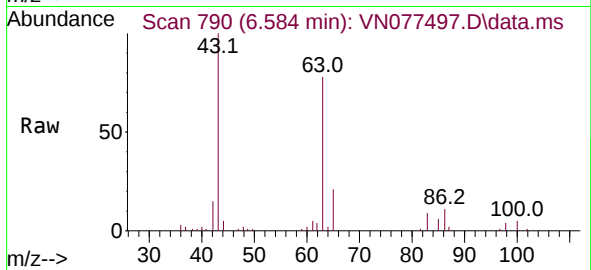
Tgt Ion: 63 Resp: 6581
Ion Ratio Lower Upper
63 100
98 5.7 3.9 11.7
100 5.9 2.3 6.8

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

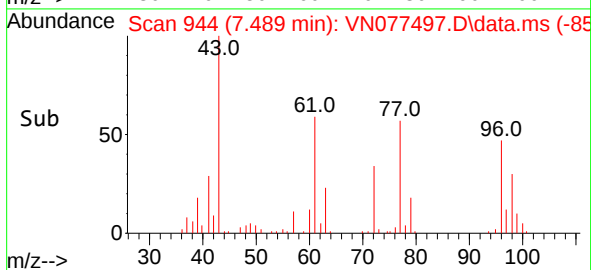
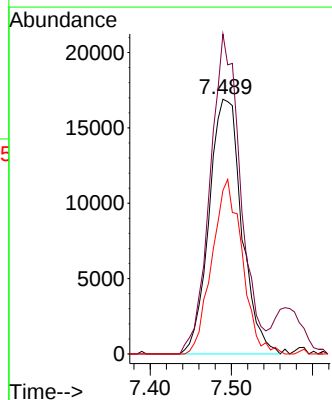
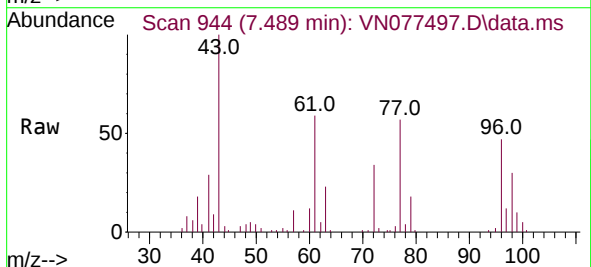
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Supervised By :Semsettin
Yesilyurt

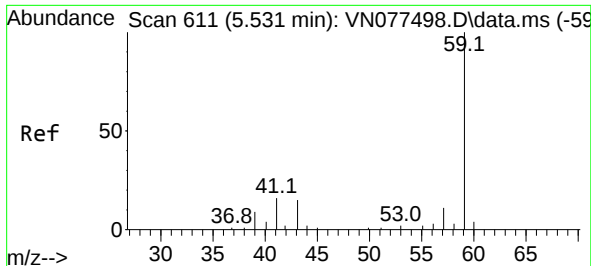
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#22
cis-1,2-Dichloroethene
Concen: 5.113 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

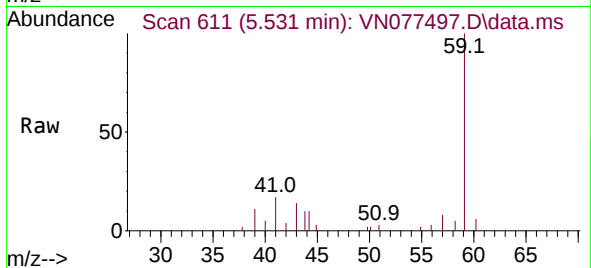
Tgt Ion: 96 Resp: 47329
Ion Ratio Lower Upper
96 100
61 117.1 105.5 158.3
98 62.6 51.8 77.6





#23
tert-Butyl Alcohol
Concen: 20.384 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



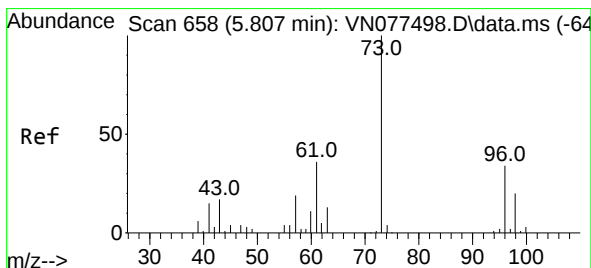
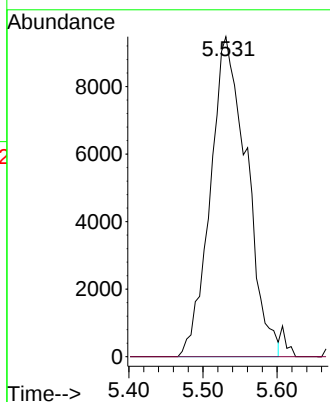
Tgt Ion: 59 Resp: 3223
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

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

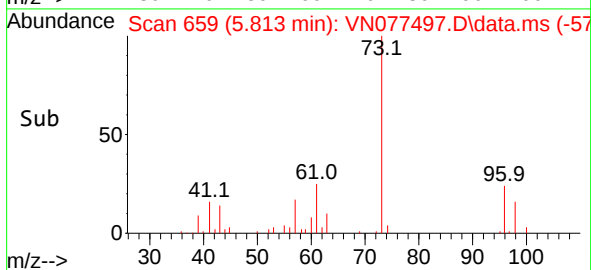
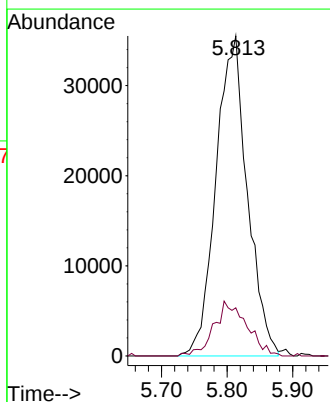
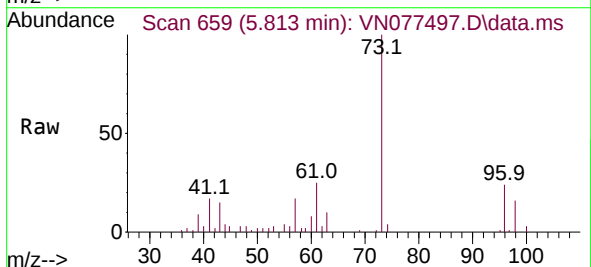
04/29/2023
Supervised By :Semsettin
Yesilyurt

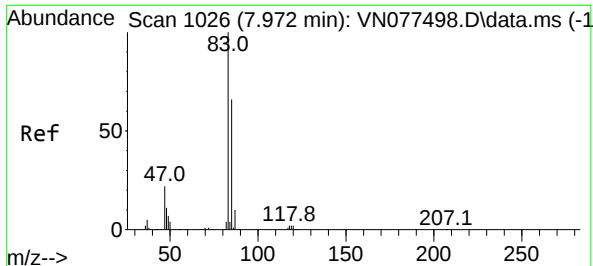
04/29/2023



#24
Methyl tert-Butyl Ether
Concen: 4.690 ug/l
RT: 5.813 min Scan# 659
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 73 Resp: 117910
Ion Ratio Lower Upper
73 100
43 1.7 13.5 20.3





#25

Chloroform

Concen: 4.946 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 7278

Ion Ratio Lower Upper

83 100

85 63.7 52.9 79.3

Manual Integrations

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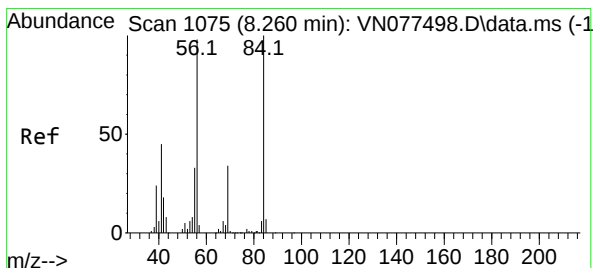
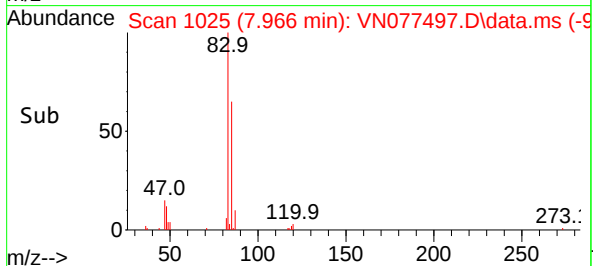
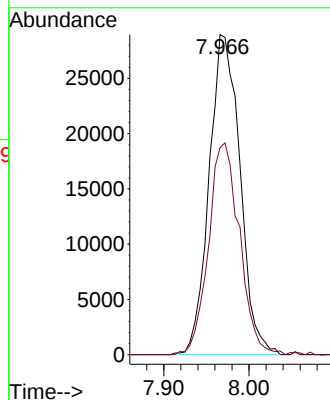
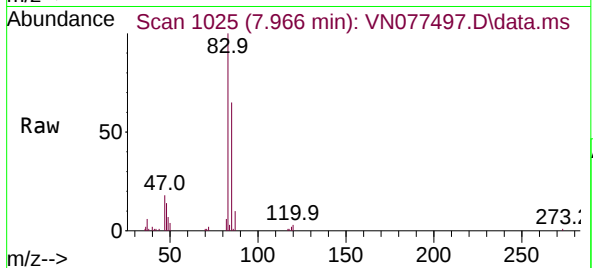
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

04/29/2023

Supervised By :Semsettin
Yesilyurt

04/29/2023



#26

Cyclohexane

Concen: 4.333 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

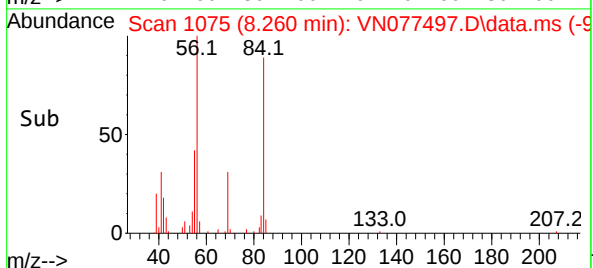
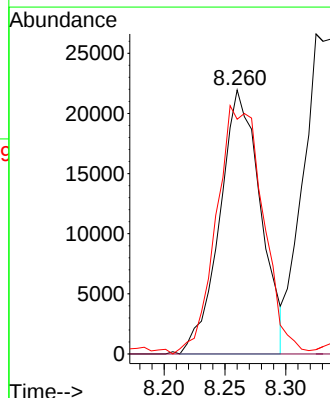
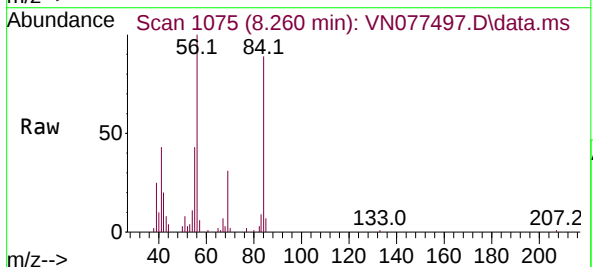
Tgt Ion: 56 Resp: 51132

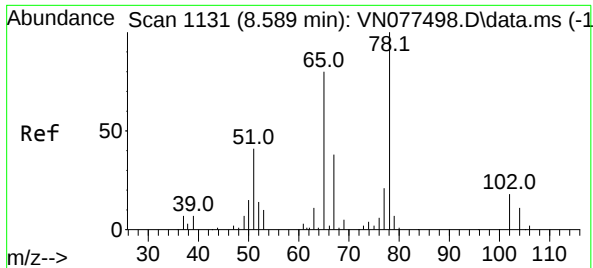
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 54.4 82.6 123.8





#27
1,2-Dichloroethane-d4
Concen: 31.003 ug/l
RT: 8.584 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 174244
Ion Ratio Lower Upper
65 100
67 52.3 41.8 62.6

Manual Integrations

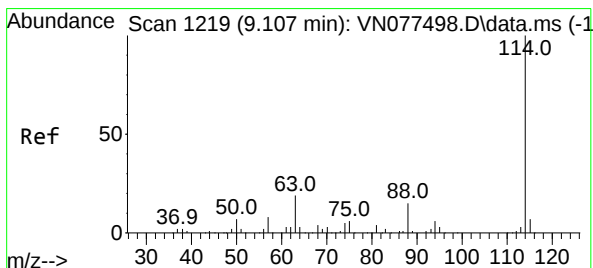
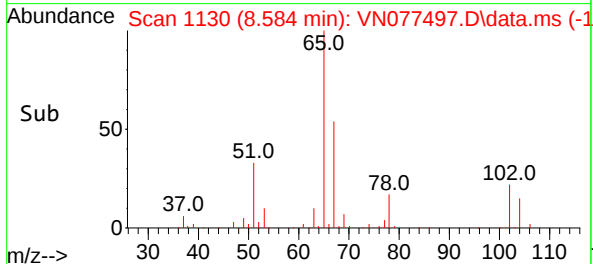
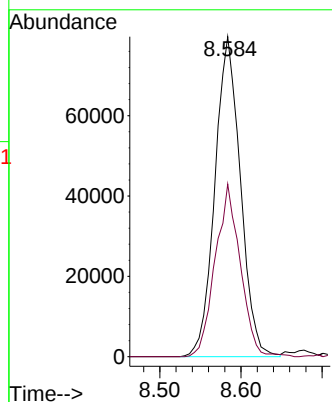
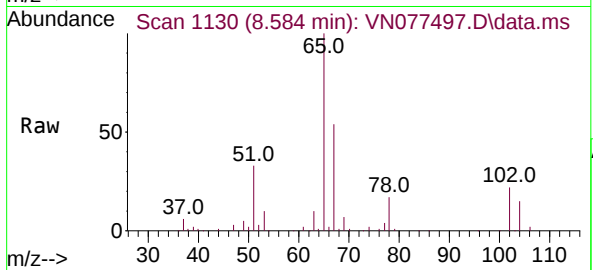
APPROVED

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

04/29/2023

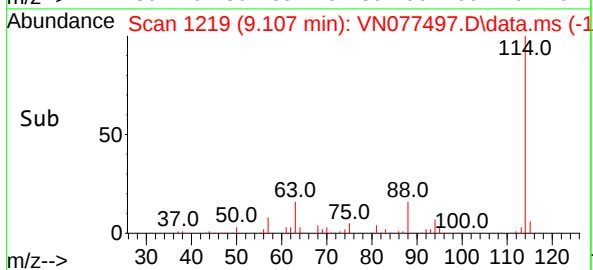
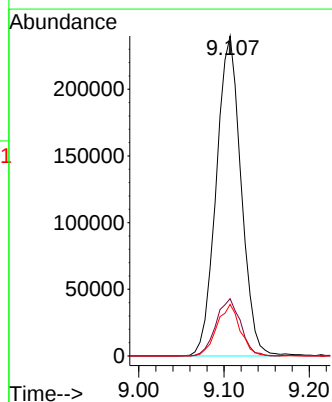
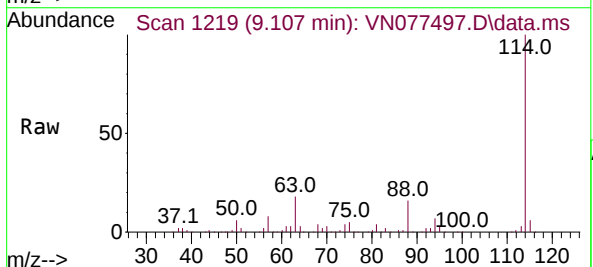
Supervised By :Semsettin
Yesilyurt

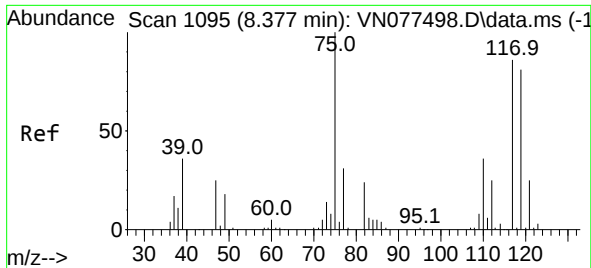
04/29/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion:114 Resp: 485015
Ion Ratio Lower Upper
114 100
63 17.8 15.0 22.4
88 15.1 11.9 17.9





#29
1,1-Dichloropropene
Concen: 5.067 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 53238
Ion Ratio Lower Upper
75 100
110 35.8 0.0 72.4
77 30.1 0.0 61.4

Manual Integrations

APPROVED

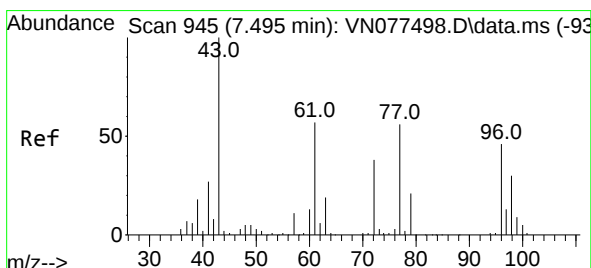
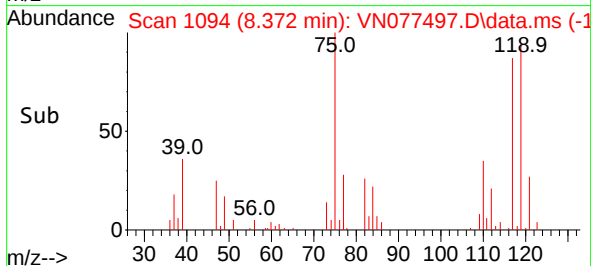
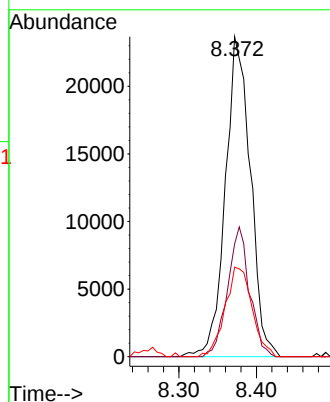
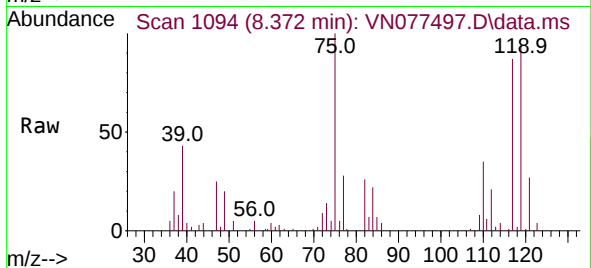
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

04/29/2023

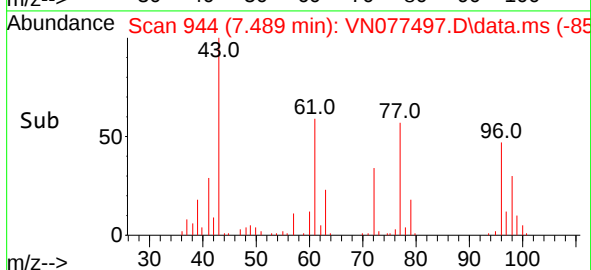
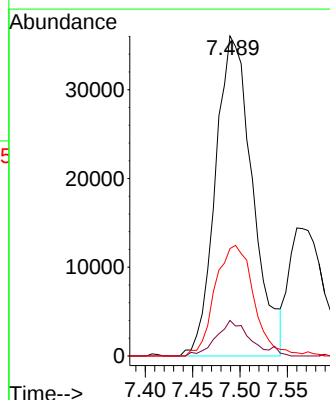
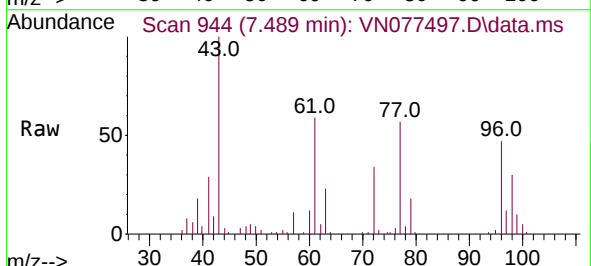
Supervised By :Semsettin
Yesilyurt

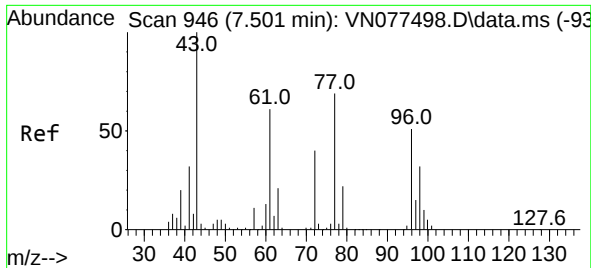
04/29/2023



#30
2-Butanone
Concen: 19.775 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.001 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 43 Resp: 98251
Ion Ratio Lower Upper
43 100
57 9.7 7.5 11.3
72 36.0 26.9 40.3





#31

2,2-Dichloropropane

Concen: 4.839 ug/l

RT: 7.501 min Scan# 946

Delta R.T. 0.006 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 77 Resp: 62408

Ion Ratio Lower Upper

77 100

97 13.7 18.8 28.2

Manual Integrations

APPROVED

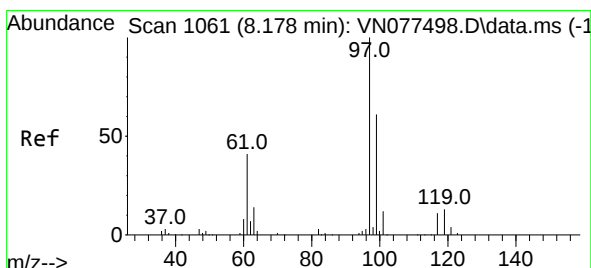
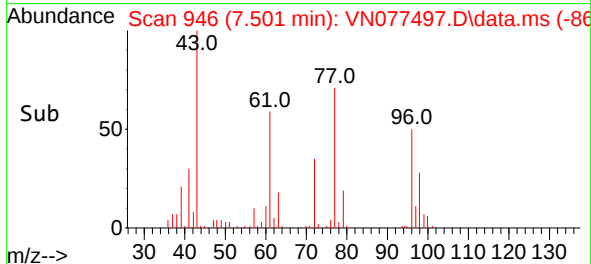
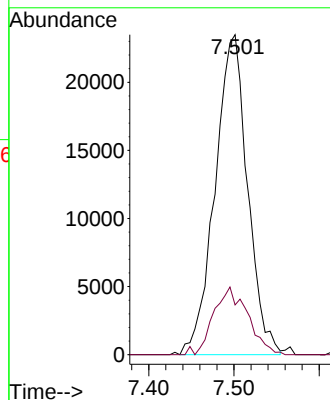
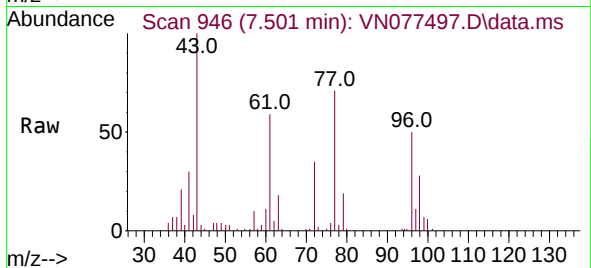
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

04/29/2023

Supervised By :Semsettin
Yesilyurt

04/29/2023



#32

1,1,1-Trichloroethane

Concen: 5.414 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

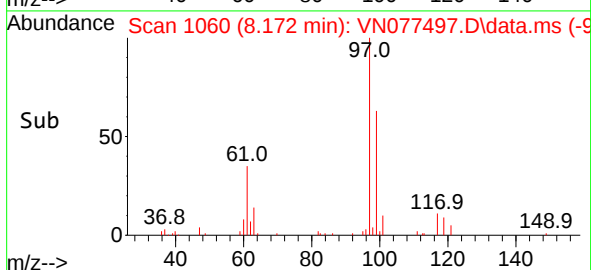
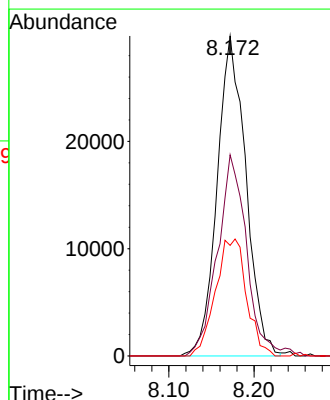
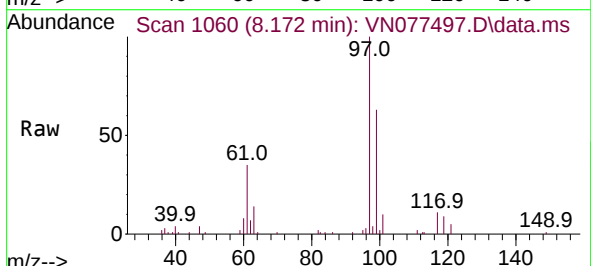
Tgt Ion: 97 Resp: 69999

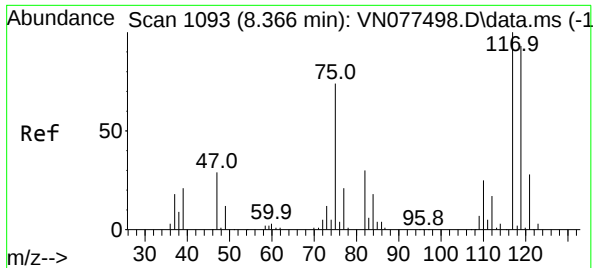
Ion Ratio Lower Upper

97 100

99 63.0 51.6 77.4

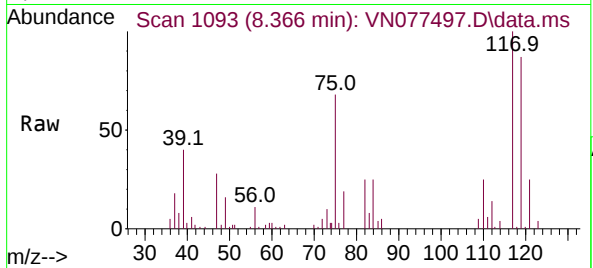
61 21.3 32.4 48.6





#33
Carbon Tetrachloride
Concen: 5.126 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



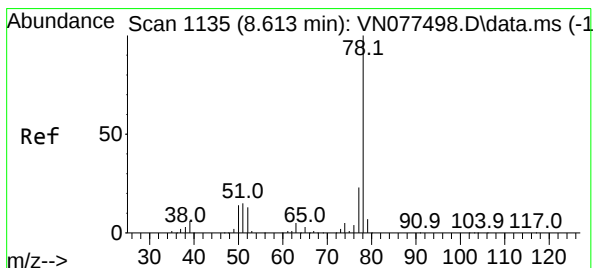
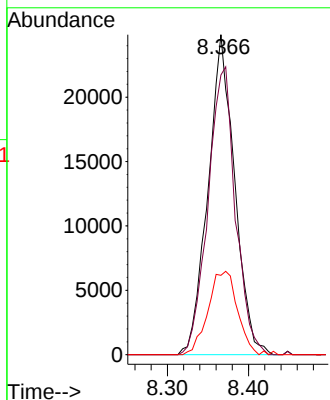
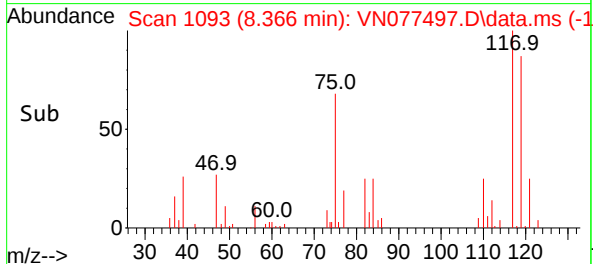
Tgt Ion: 117 Resp: 5656
Ion Ratio Lower Upper
117 100
119 87.4 80.2 120.4
121 24.8 26.0 39.0

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

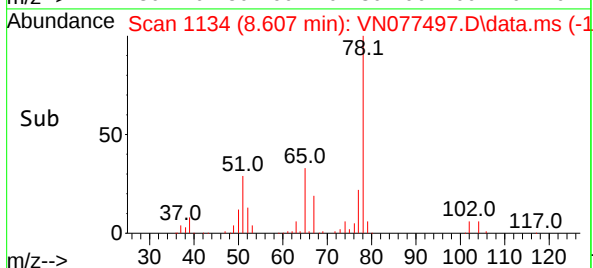
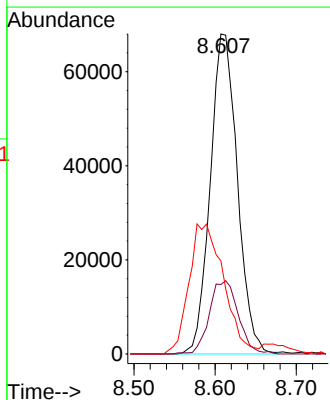
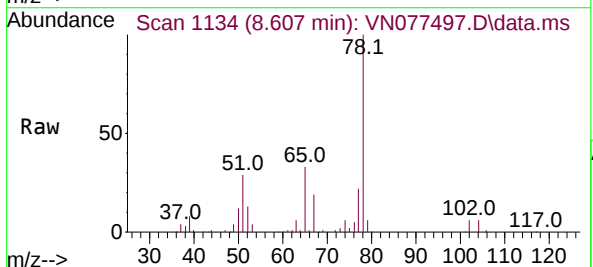
04/29/2023
Supervised By :Semsettin
Yesilyurt

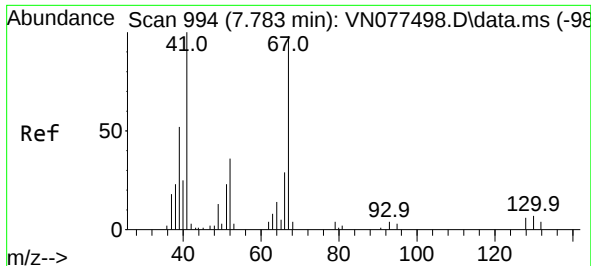
04/29/2023



#34
Benzene
Concen: 4.863 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 78 Resp: 158087
Ion Ratio Lower Upper
78 100
77 21.7 19.4 29.0
51 26.5 12.6 19.0





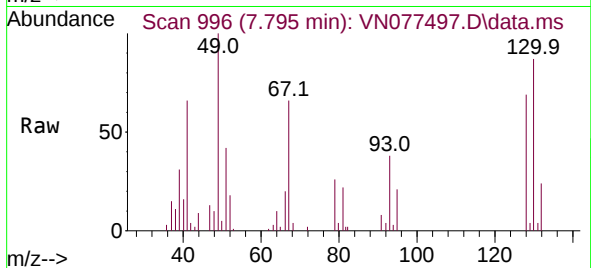
#35
Methacrylonitrile
Concen: 4.405 ug/l
RT: 7.795 min Scan# 994
Delta R.T. 0.011 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



Tgt Ion: 41 Resp: 20619
Ion Ratio Lower Upper
41 100
39 46.2 27.1 81.2
67 100.0 46.8 140.4
52 27.6 16.7 50.0

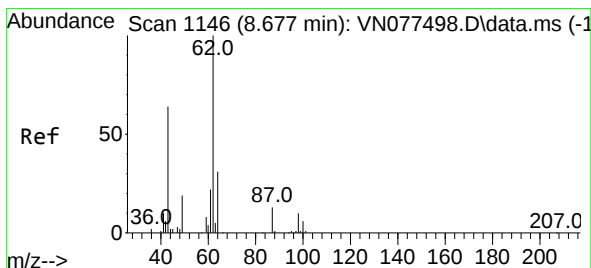
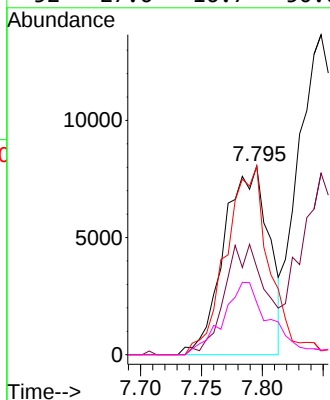
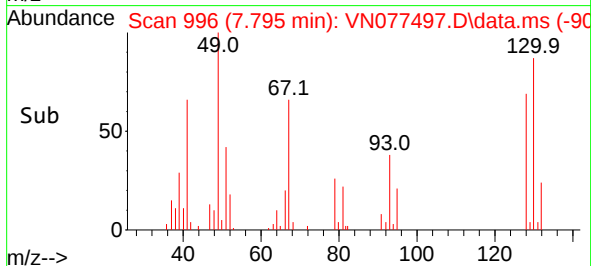
Manual Integrations
APPROVED

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

04/29/2023

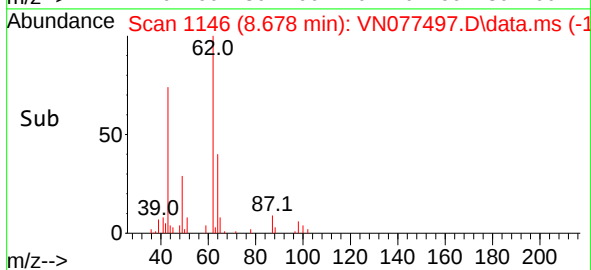
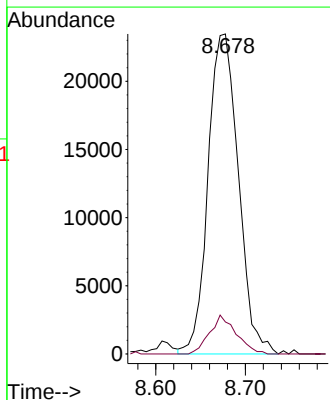
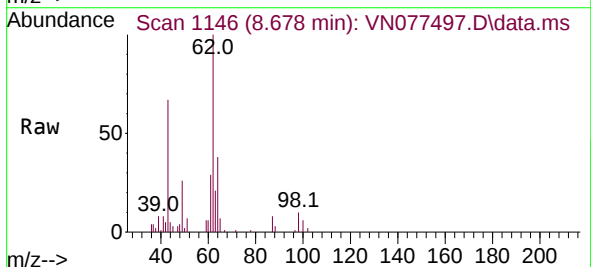
Supervised By :Semsettin
Yesilyurt

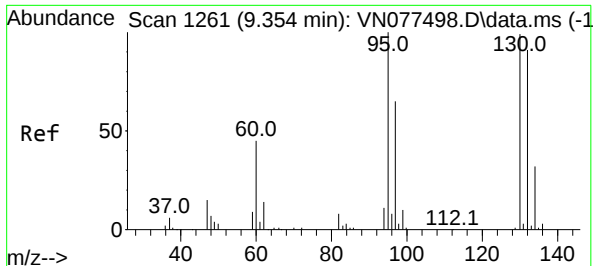
04/29/2023



#36
1,2-Dichloroethane
Concen: 5.408 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 62 Resp: 55124
Ion Ratio Lower Upper
62 100
98 10.7 8.3 12.5





#37

Trichloroethene

Concen: 5.075 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:130 Resp: 40352

Ion Ratio Lower Upper

130 100

95 99.6 77.5 116.3

Manual Integrations

APPROVED

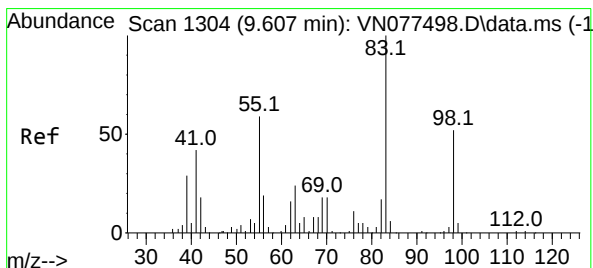
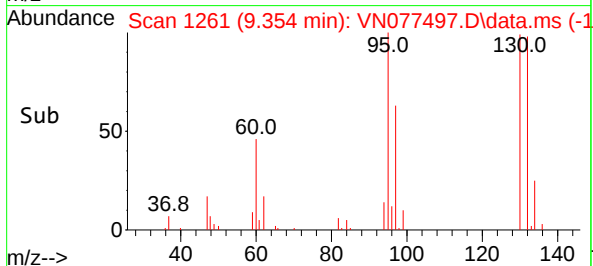
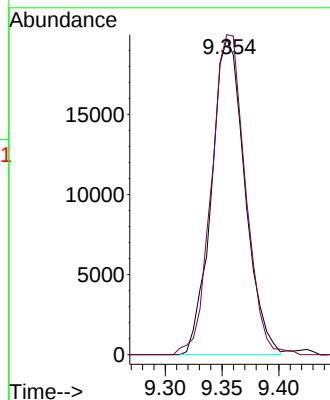
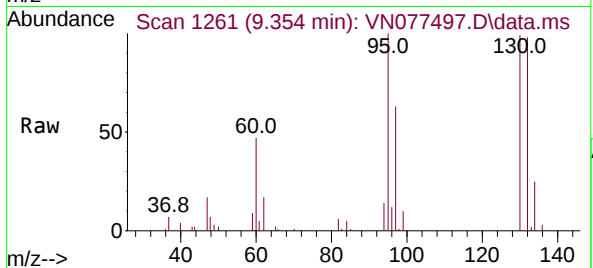
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

04/29/2023

Supervised By :Semsettin
Yesilyurt

04/29/2023



#38

Methylcyclohexane

Concen: 4.503 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

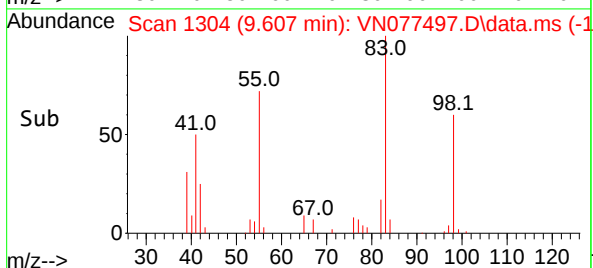
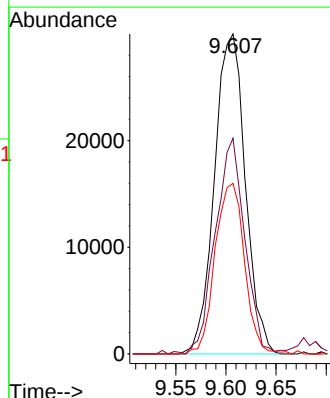
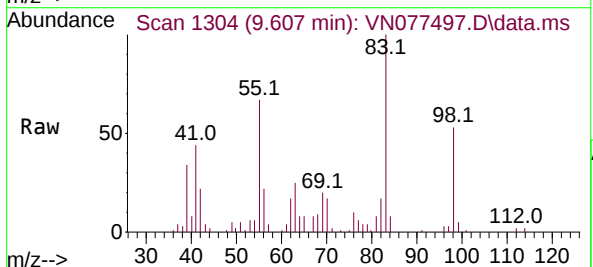
Tgt Ion: 83 Resp: 64173

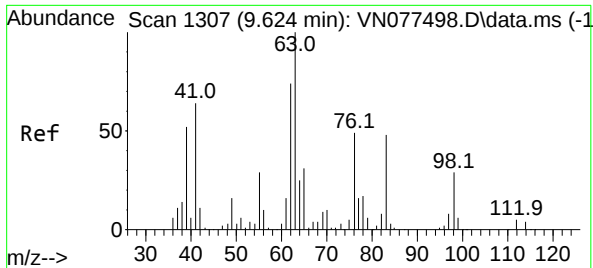
Ion Ratio Lower Upper

83 100

55 64.2 32.0 96.2

98 50.7 25.3 75.9





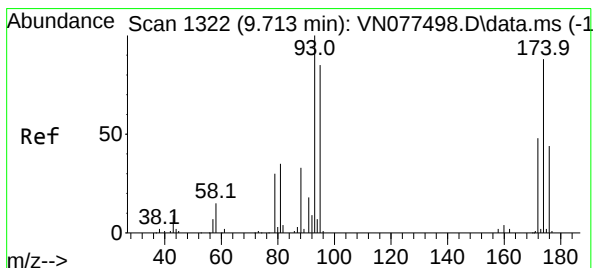
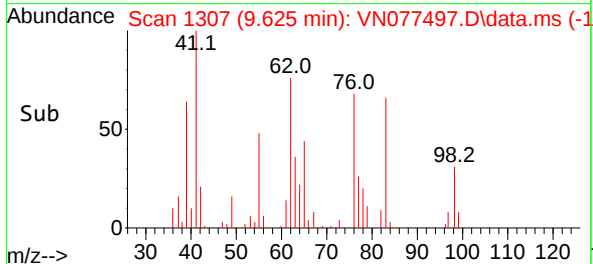
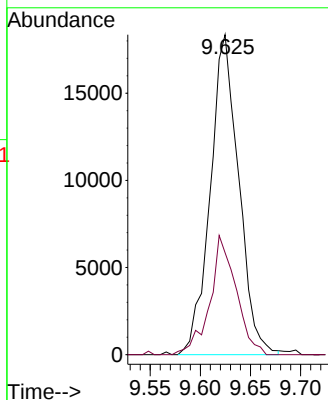
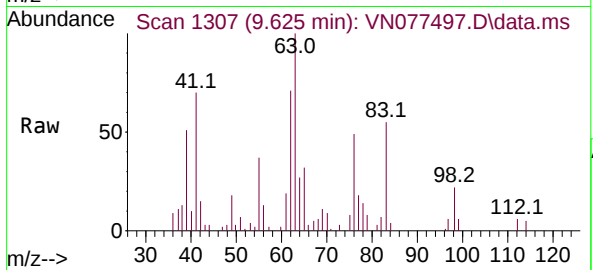
#39
1,2-Dichloropropane
Concen: 4.497 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 3629
Ion Ratio Lower Upper
63 100
65 31.8 24.8 37.2

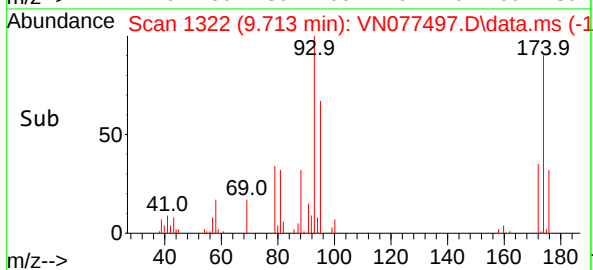
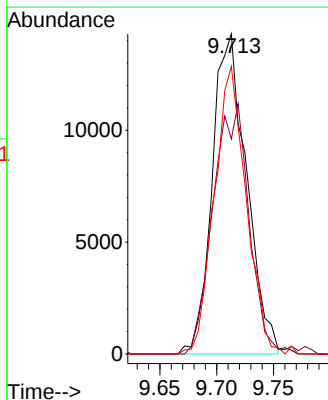
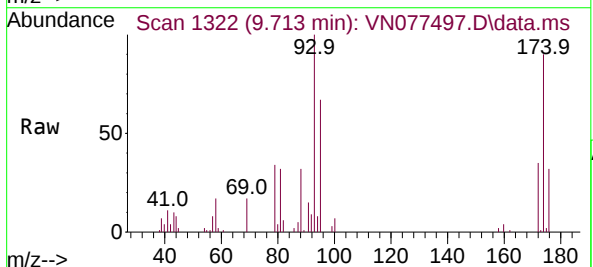
Manual Integrations
APPROVED

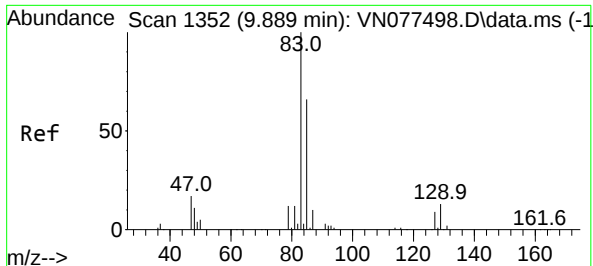
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#40
Dibromomethane
Concen: 5.147 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

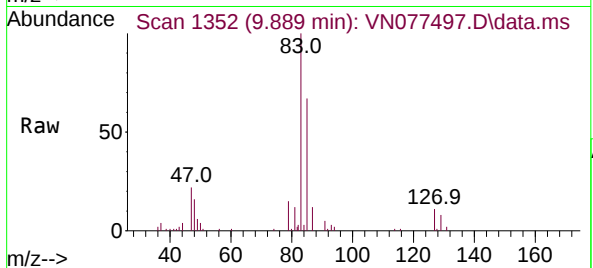
Tgt Ion: 93 Resp: 29931
Ion Ratio Lower Upper
93 100
95 81.9 0.0 166.4
174 83.8 0.0 164.8





#41
Bromodichloromethane
Concen: 4.825 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



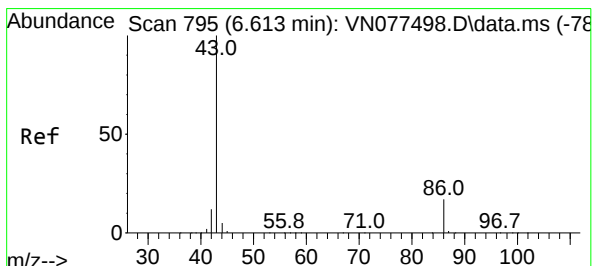
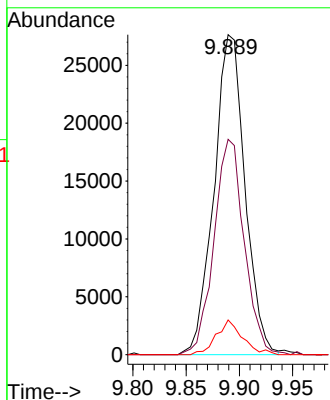
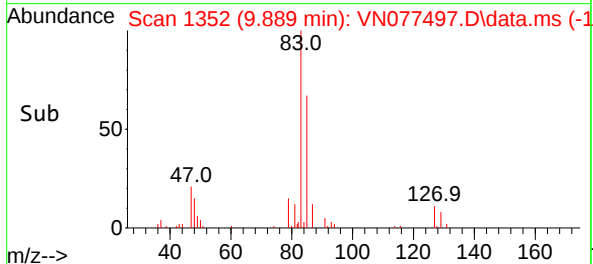
Tgt Ion: 83 Resp: 55948
Ion Ratio Lower Upper
83 100
85 67.3 52.3 78.5
127 11.6 5.9 8.9

Manual Integrations
APPROVED

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

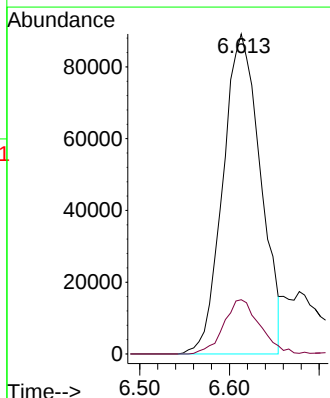
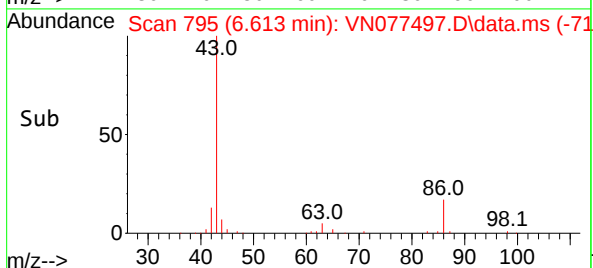
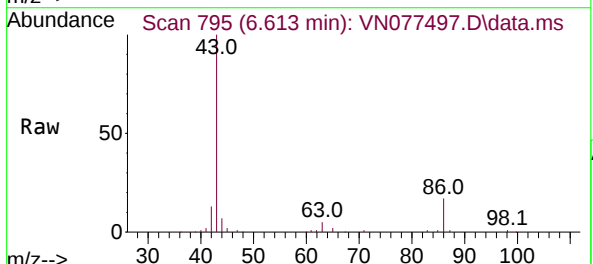
04/29/2023
Supervised By :Semsettin
Yesilyurt

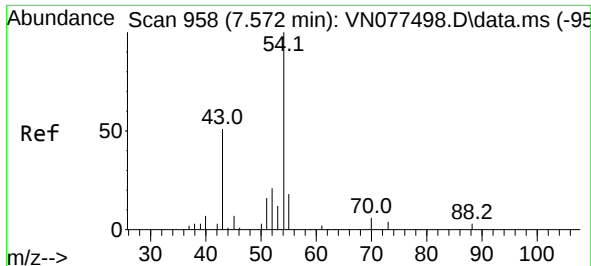
04/29/2023



#42
Vinyl Acetate
Concen: 18.055 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 43 Resp: 259628
Ion Ratio Lower Upper
43 100
86 16.3 0.0 0.0





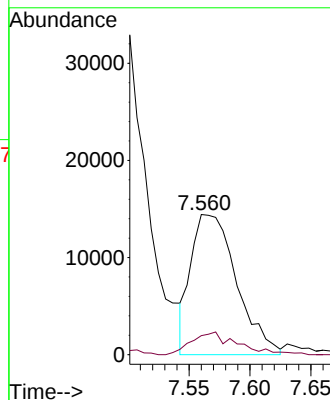
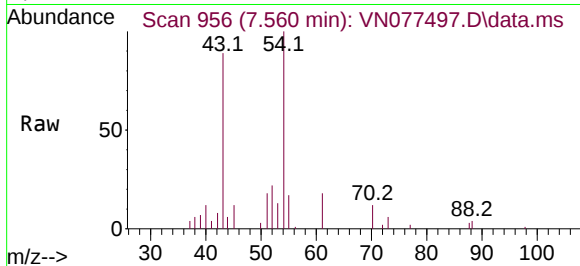
#43
Ethyl Acetate
Concen: 4.089 ug/l
RT: 7.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 37589
Ion Ratio Lower Upper
43 100
45 10.3 12.3 18.5

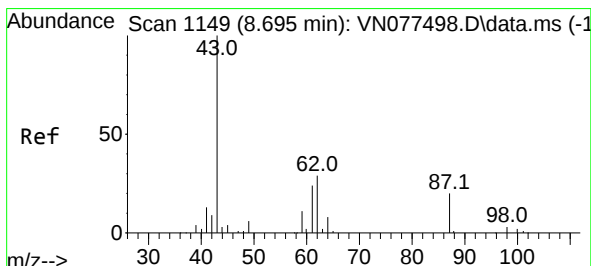
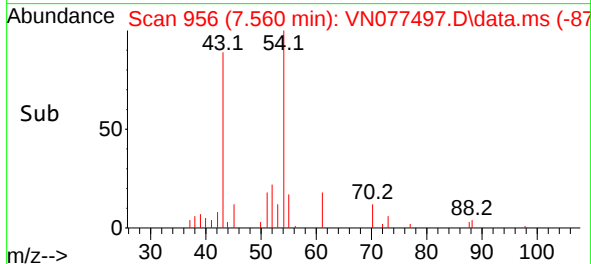
Manual Integrations
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



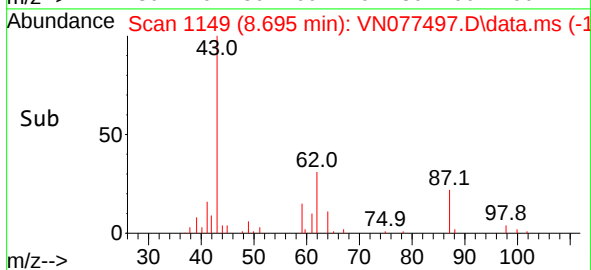
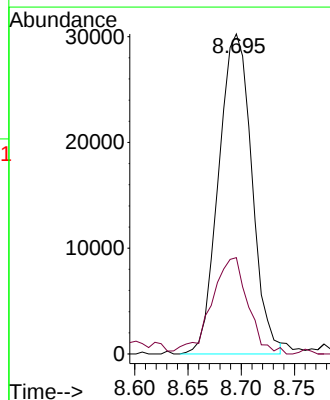
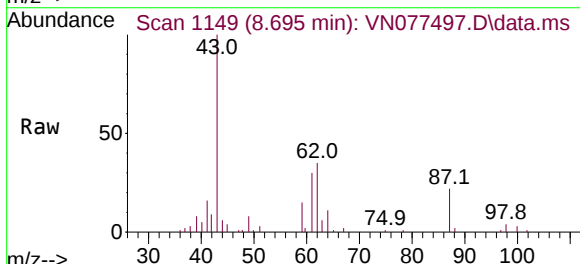
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Supervised By :Semsettin
Yesilyurt

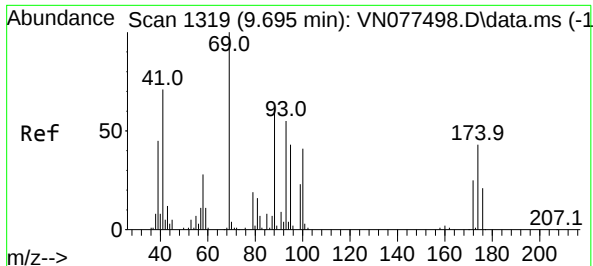
04/29/2023



#44
Isopropyl Acetate
Concen: 3.980 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

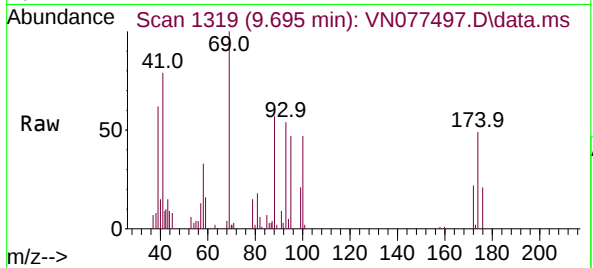
Tgt Ion: 43 Resp: 65509
Ion Ratio Lower Upper
43 100
61 31.0 0.0 0.0#





#45
1,4-Dioxane
Concen: 86.370 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



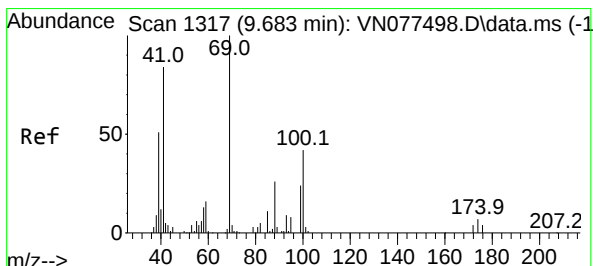
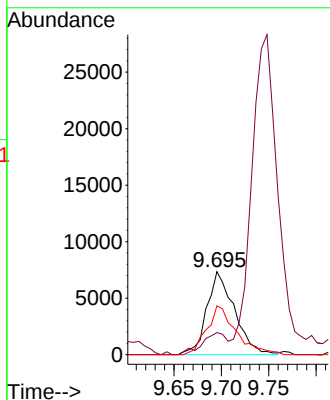
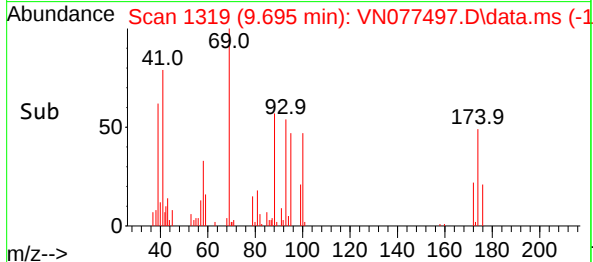
Tgt Ion: 88 Resp: 14992
Ion Ratio Lower Upper
88 100
43 20.6 17.4 26.0
58 62.2 48.2 72.4

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

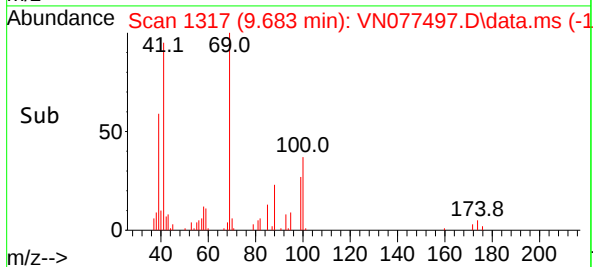
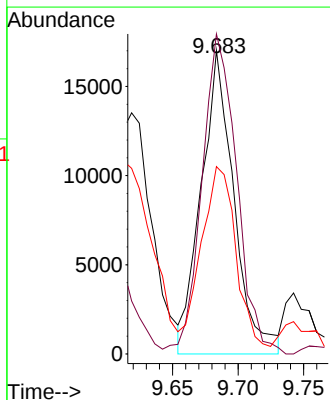
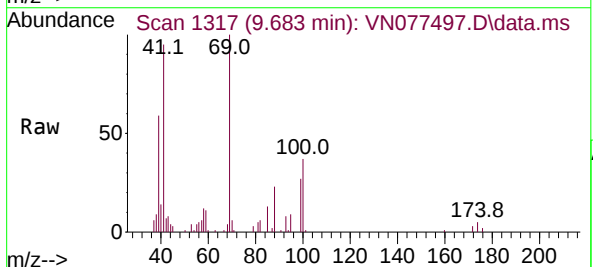
04/29/2023
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Yesilyurt

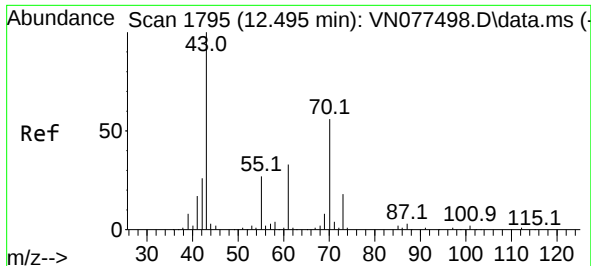
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#46
Methyl methacrylate
Concen: 4.165 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.001 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

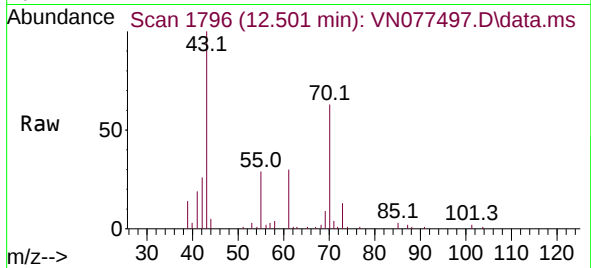
Tgt Ion: 41 Resp: 29513
Ion Ratio Lower Upper
41 100
69 109.9 54.5 163.5
39 59.5 33.4 100.2





#47
n-amy1 Acetate
Concen: 3.320 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

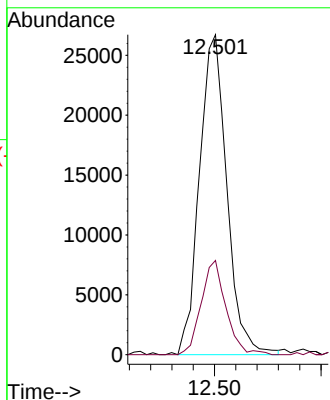
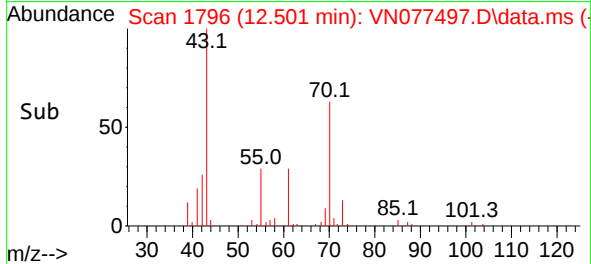
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 47750
Ion Ratio Lower Upper
43 100
55 26.1 19.4 29.0

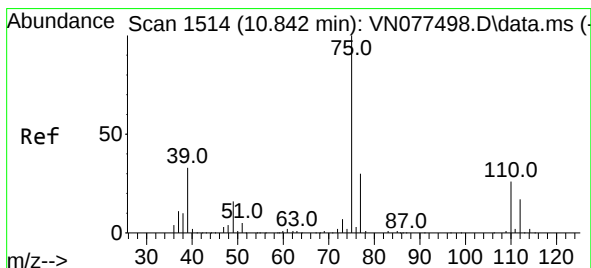
Manual Integrations
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



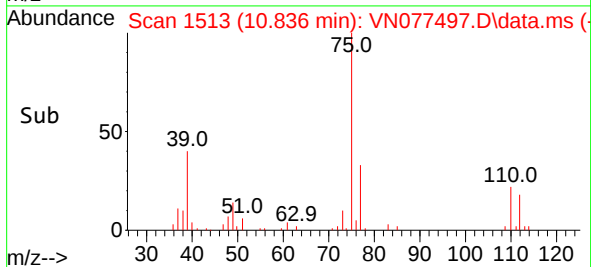
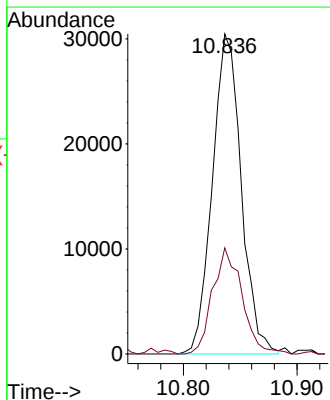
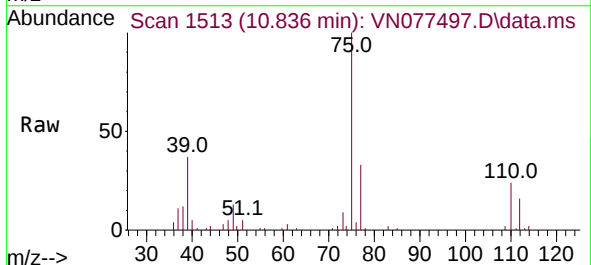
04/29/2023
Supervised By :Semsettin
Yesilyurt

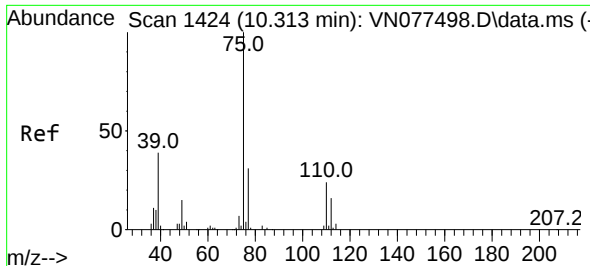
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#48
t-1,3-Dichloropropene
Concen: 4.147 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 75 Resp: 53814
Ion Ratio Lower Upper
75 100
77 33.2 26.5 39.7





#49

cis-1,3-Dichloropropene

Concen: 4.282 ug/l

RT: 10.313 min Scan# 1424

Delta R.T. -0.000 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 75	Resp: 59110
Ion Ratio	Lower Upper
75 100	
77 32.9	25.0 37.6
39 36.7	34.4 51.6

Manual Integrations

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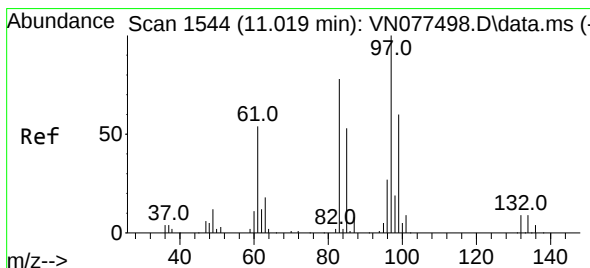
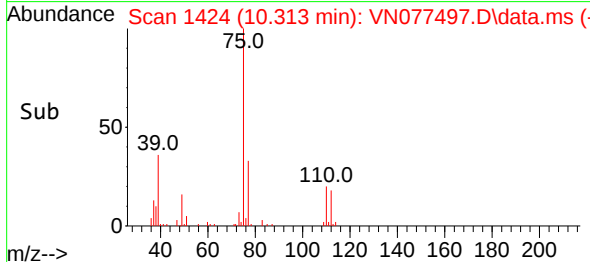
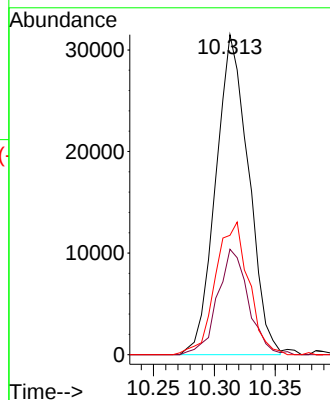
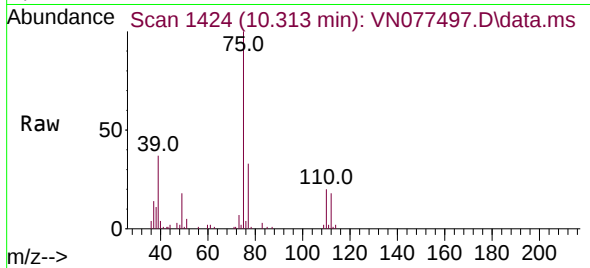
Reviewed By :John Carlone 04/29/2023

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#50

1,1,2-Trichloroethane

Concen: 4.807 ug/l

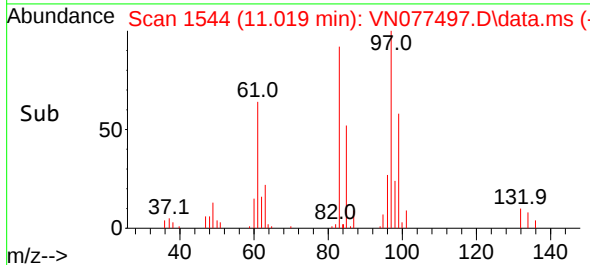
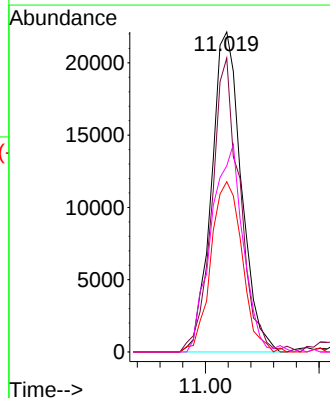
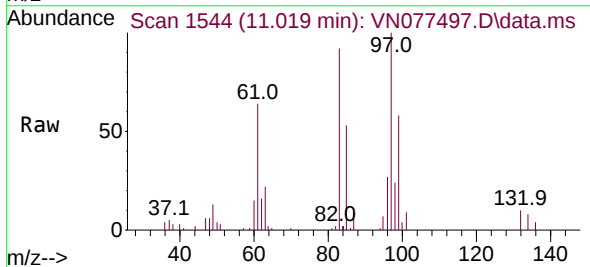
RT: 11.019 min Scan# 1544

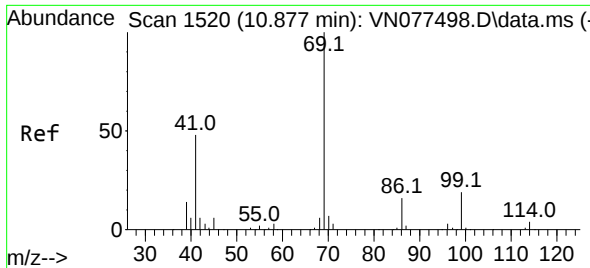
Delta R.T. -0.000 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

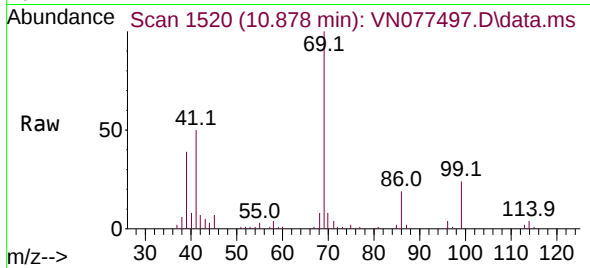
Tgt Ion: 97	Resp: 40604
Ion Ratio	Lower Upper
97 100	
83 91.8	66.7 100.1
85 53.2	42.4 63.6
99 58.1	49.3 73.9





#51
Ethyl methacrylate
Concen: 4.258 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



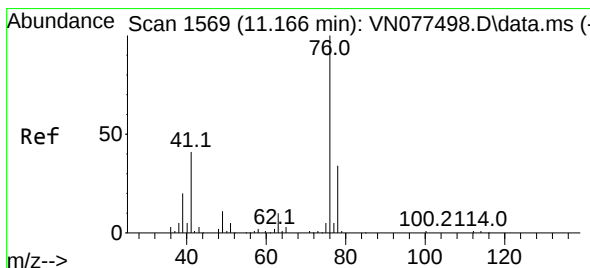
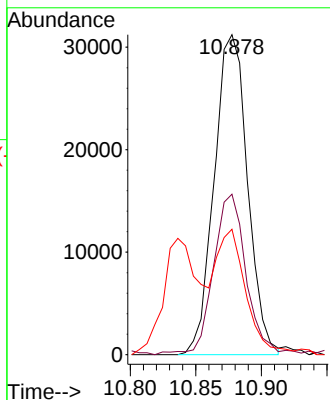
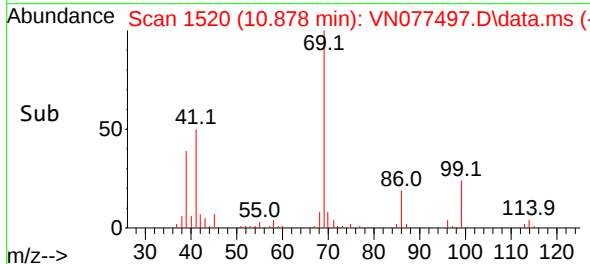
Tgt Ion: 69 Resp: 55228
Ion Ratio Lower Upper
69 100
41 49.2 26.7 80.0
39 37.2 17.0 50.9

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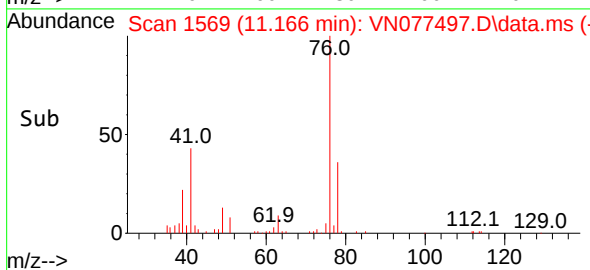
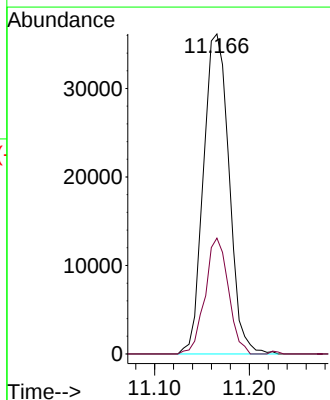
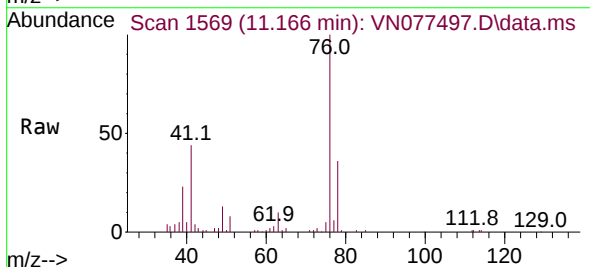
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Yesilyurt

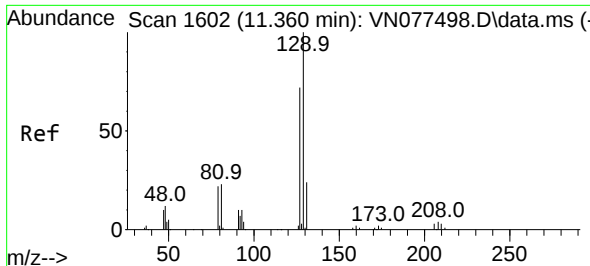
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#52
1,3-Dichloropropane
Concen: 4.823 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 76 Resp: 67986
Ion Ratio Lower Upper
76 100
78 33.0 0.0 65.0





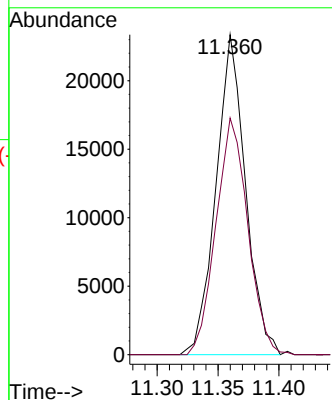
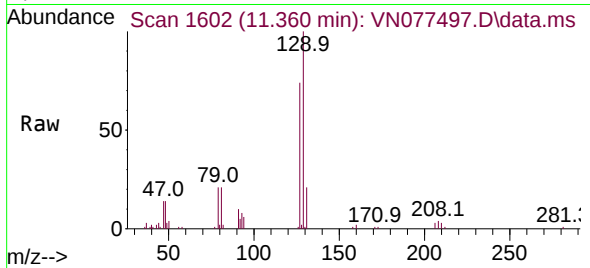
#53
Dibromochloromethane
Concen: 4.431 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 39448
Ion Ratio Lower Upper
129 100
127 79.8 38.6 115.8

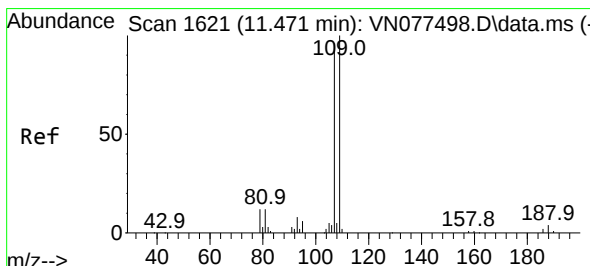
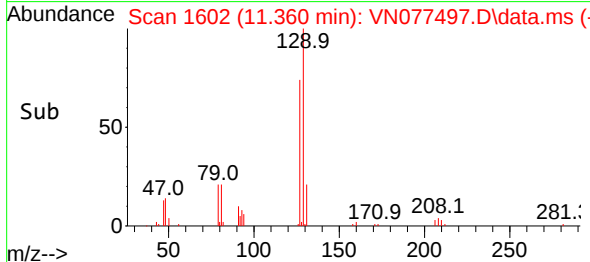
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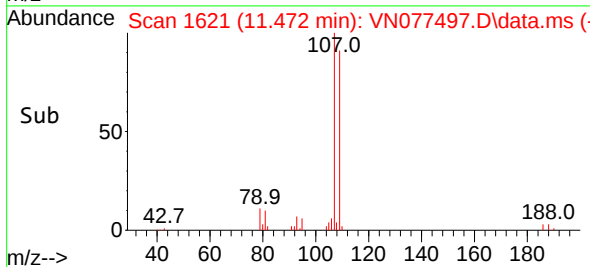
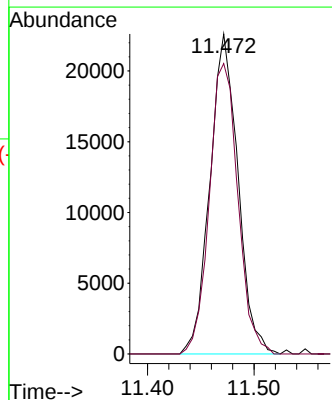
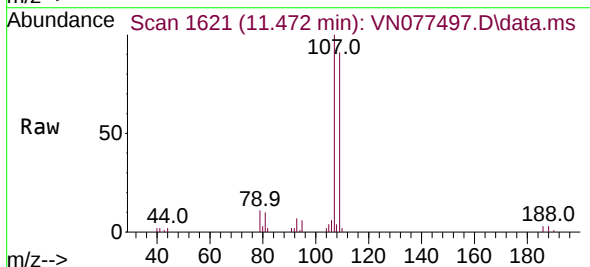
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Supervised By :Semsettin
Yesilyurt

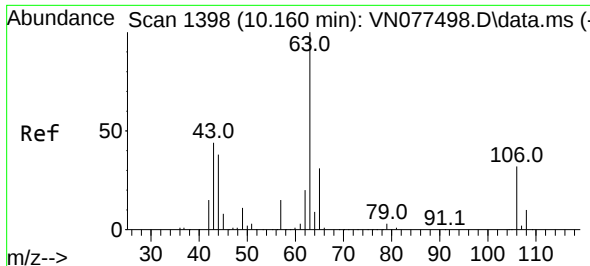
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#54
1,2-Dibromoethane
Concen: 4.876 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion:107 Resp: 41339
Ion Ratio Lower Upper
107 100
109 92.4 74.1 111.1





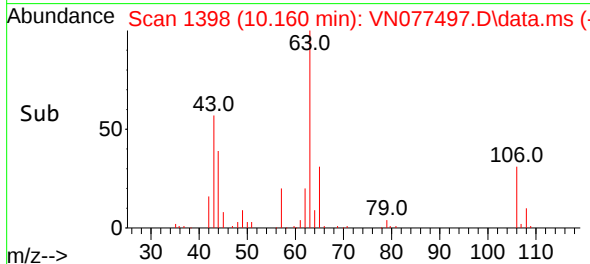
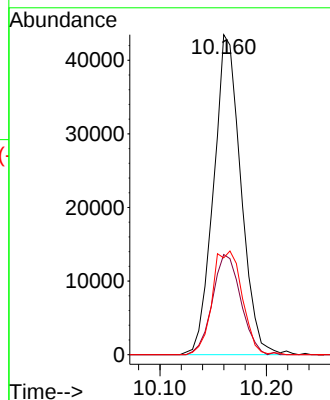
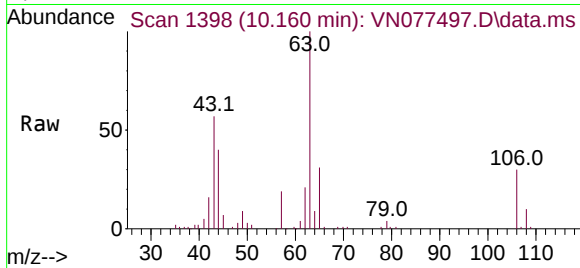
#55
2-Chloroethyl vinyl ether
Concen: 19.306 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 7731
Ion Ratio Lower Upper
63 100
65 32.5 25.7 38.5
106 17.2 24.0 36.0

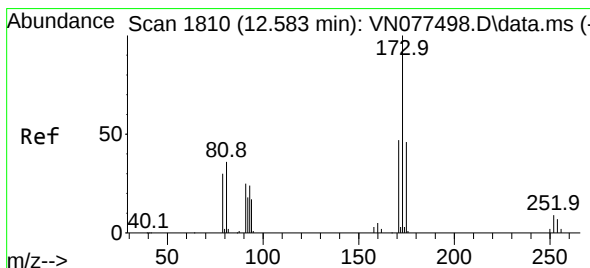
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Supervised By :Semsettin Yesilyurt 04/29/2023



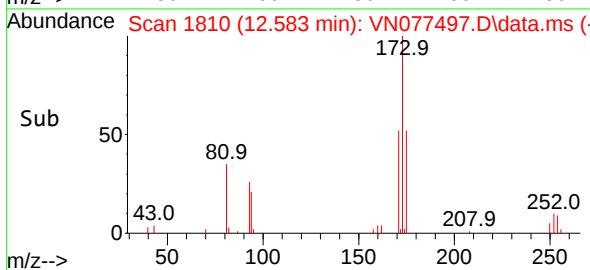
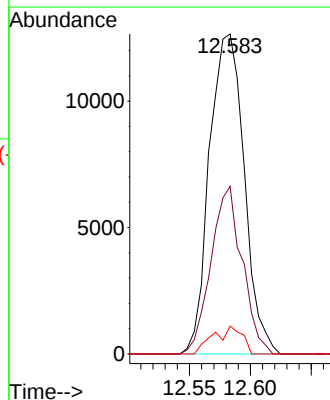
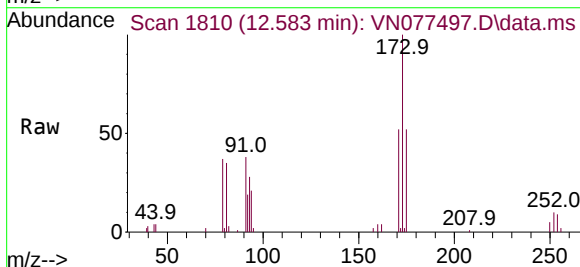
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Supervised By :Semsettin
Yesilyurt

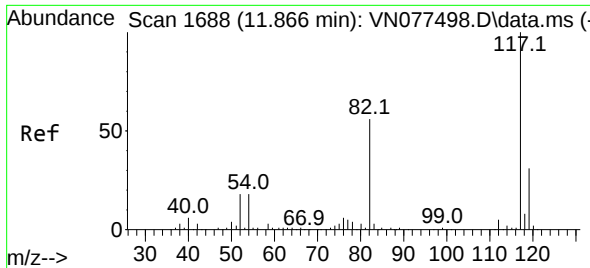
04/29/2023



#56
Bromoform
Concen: 4.207 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

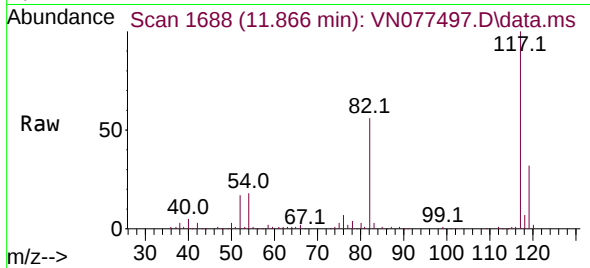
Tgt Ion:173 Resp: 25159
Ion Ratio Lower Upper
173 100
175 47.0 38.2 57.2
254 3.8 6.0 9.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



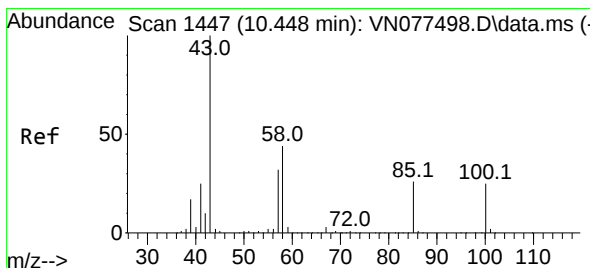
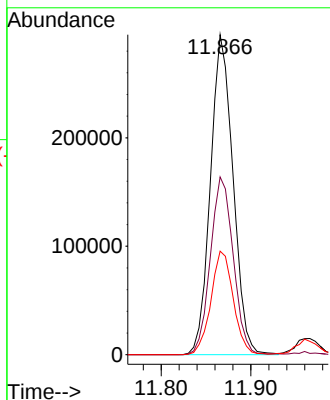
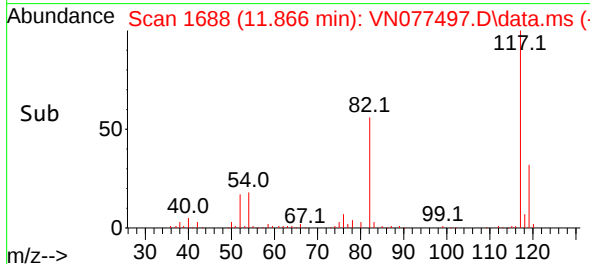
Tgt Ion: 117 Resp: 51636
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 32.1 25.4 38.0

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

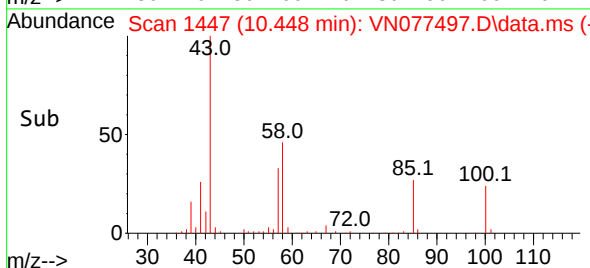
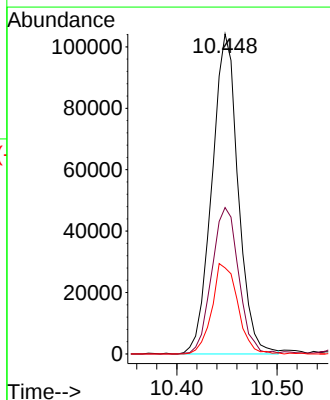
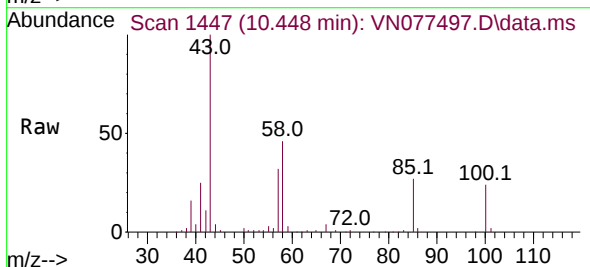
04/29/2023
Supervised By :Semsettin
Yesilyurt

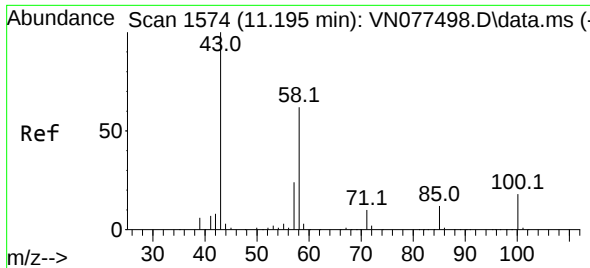
04/29/2023



#58
4-Methyl-2-Pentanone
Concen: 19.590 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

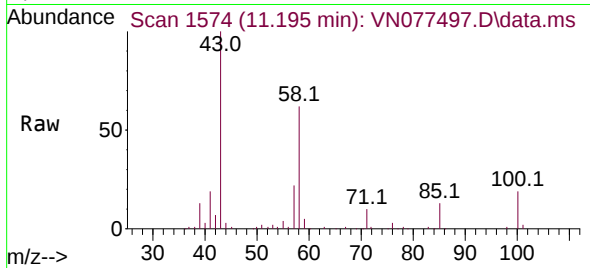
Tgt Ion: 43 Resp: 189402
Ion Ratio Lower Upper
43 100
58 46.8 34.7 52.1
85 27.7 17.8 26.8





#59
2-Hexanone
Concen: 18.645 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



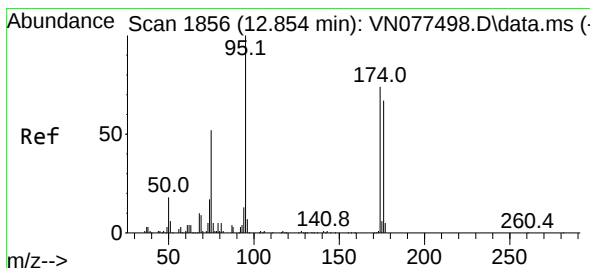
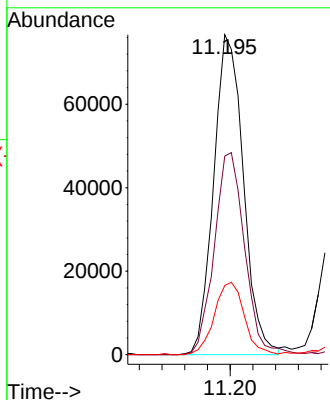
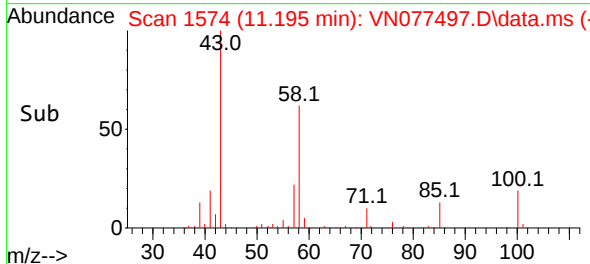
Tgt Ion: 43 Resp: 139340
Ion Ratio Lower Upper
43 100
58 64.6 48.6 73.0
57 22.7 16.7 25.1

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Supervised By :Semsettin Yesilyurt 04/29/2023

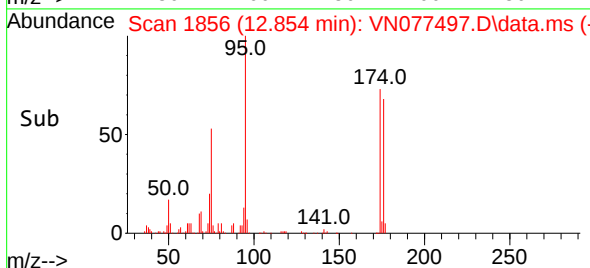
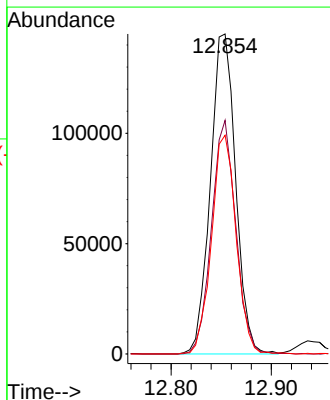
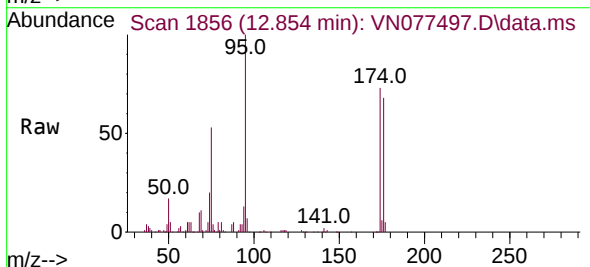
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Yesilyurt

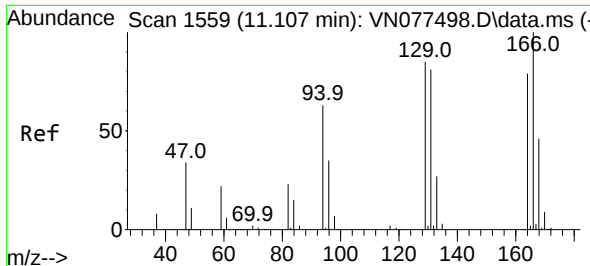
04/29/2023



#60
4-Bromofluorobenzene
Concen: 28.397 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

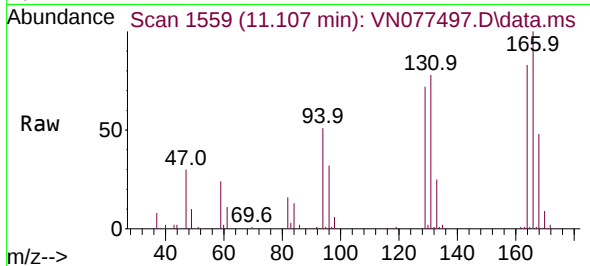
Tgt Ion: 95 Resp: 253549
Ion Ratio Lower Upper
95 100
174 70.0 57.8 86.8
176 66.6 54.6 81.8





#61
Tetrachloroethene
Concen: 5.127 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



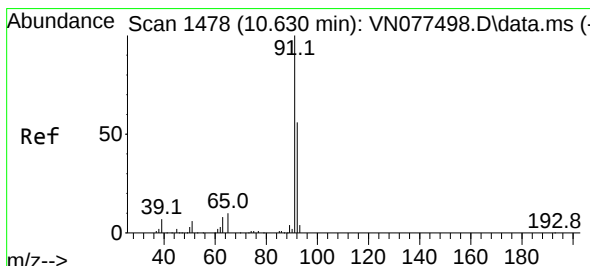
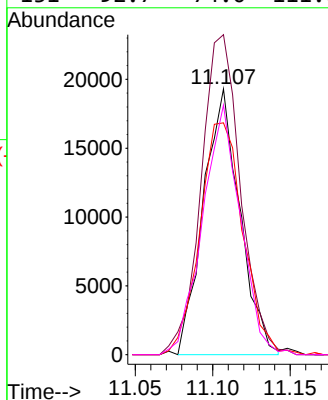
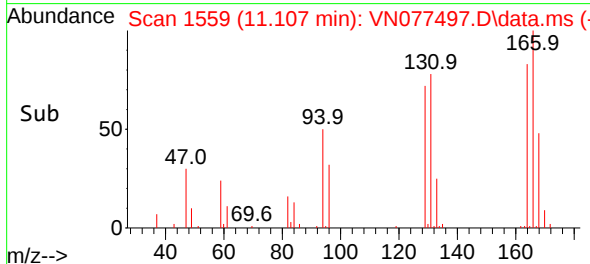
Tgt Ion:164 Resp: 31488
Ion Ratio Lower Upper
164 100
166 118.4 97.9 146.9
129 85.9 82.5 123.7
131 92.7 74.0 111.0

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Supervised By :Semsettin Yesilyurt 04/29/2023

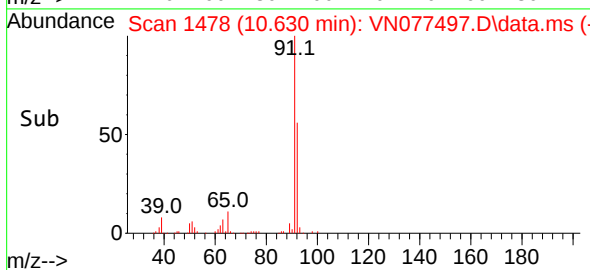
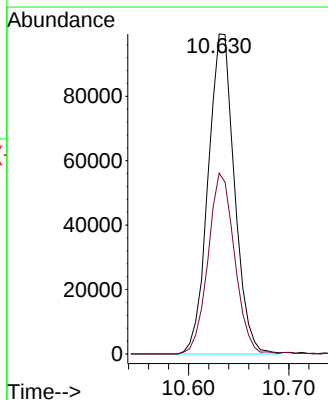
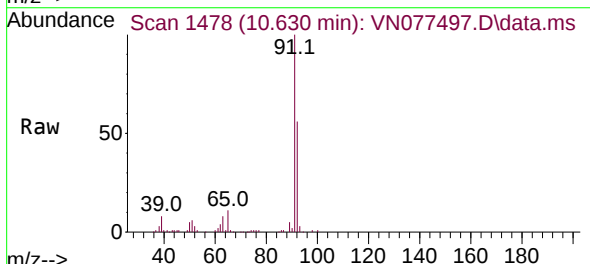
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Yesilyurt

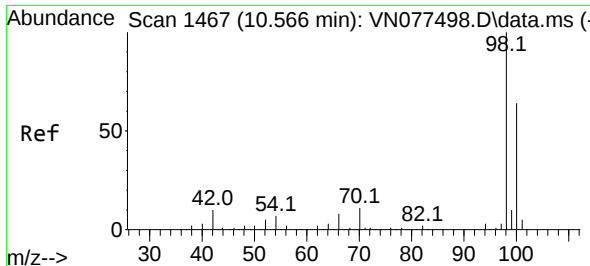
04/29/2023



#62
Toluene
Concen: 5.041 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

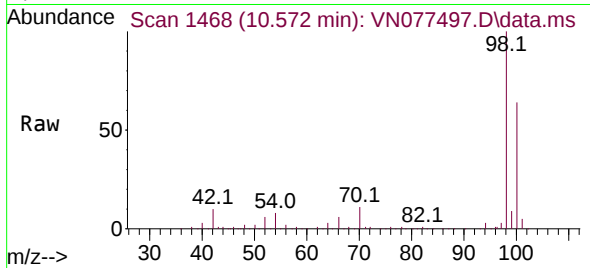
Tgt Ion: 91 Resp: 181601
Ion Ratio Lower Upper
91 100
92 56.6 46.6 70.0





#63
Toluene-d8
Concen: 30.141 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



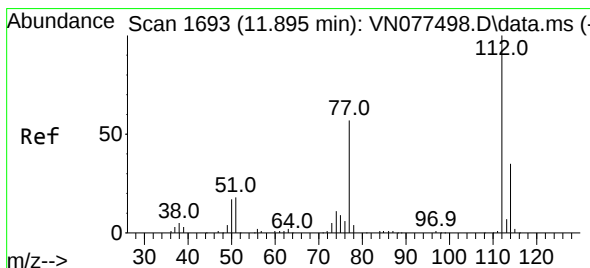
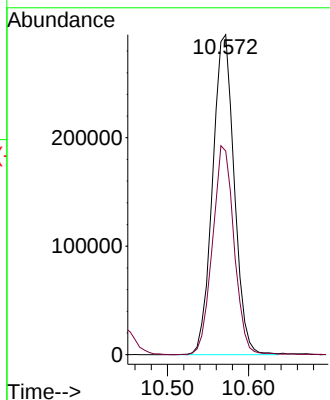
Tgt Ion: 98 Resp: 547144
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.2

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Supervised By :Semsettin Yesilyurt 04/29/2023

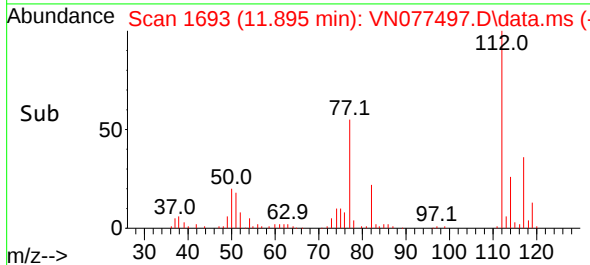
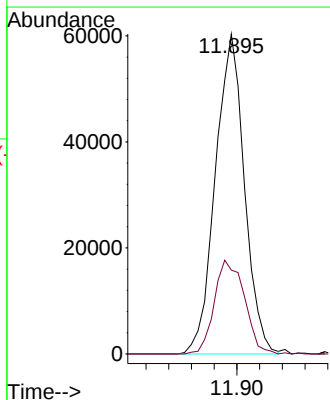
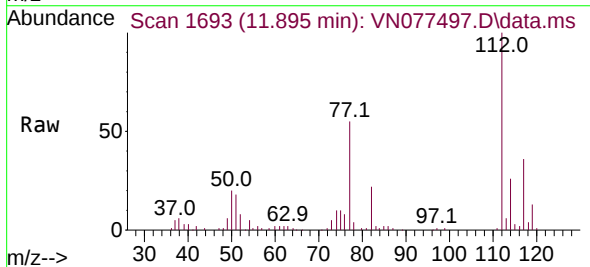
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Yesilyurt

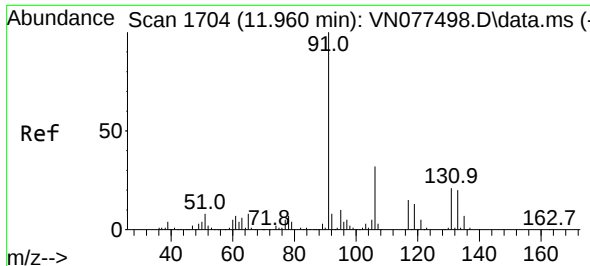
04/29/2023



#64
Chlorobenzene
Concen: 4.897 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

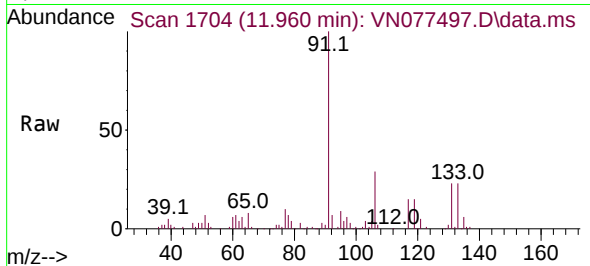
Tgt Ion:112 Resp: 107180
Ion Ratio Lower Upper
112 100
114 26.2 25.6 38.4





#65
1,1,1,2-Tetrachloroethane
Concen: 4.752 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



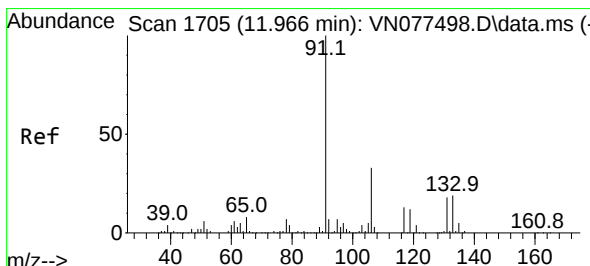
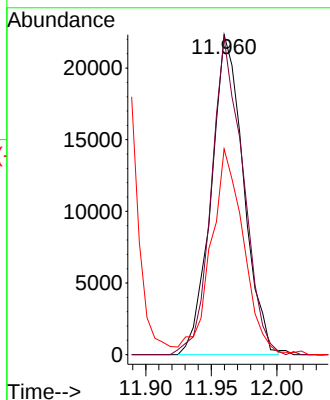
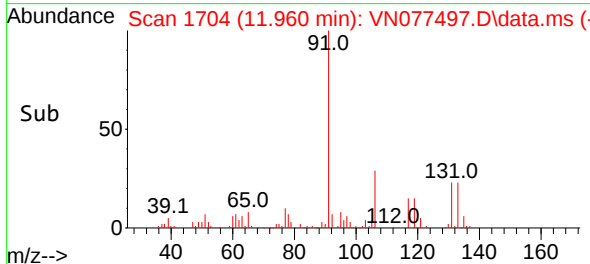
Tgt Ion:131 Resp: 38249
Ion Ratio Lower Upper
131 100
133 97.2 0.0 184.4
119 64.4 0.0 134.8

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Supervised By :Semsettin Yesilyurt 04/29/2023

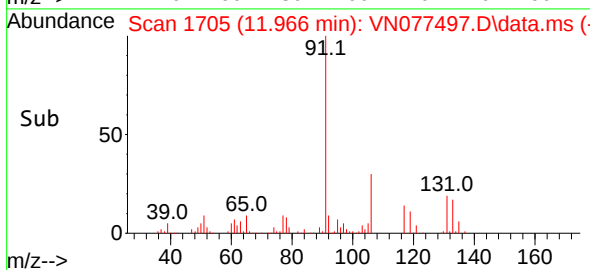
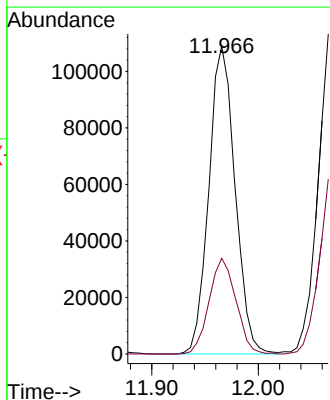
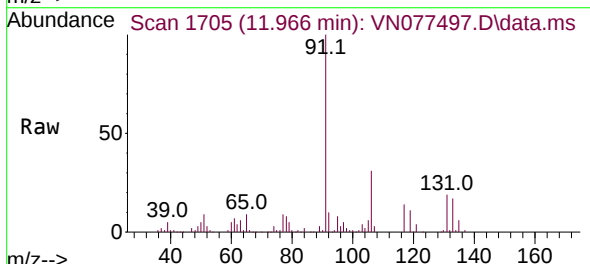
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Supervised By :Semsettin
Yesilyurt

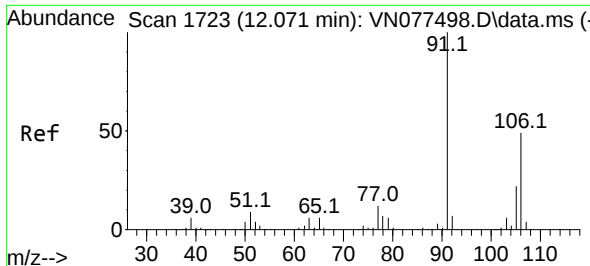
04/29/2023



#66
Ethyl Benzene
Concen: 4.674 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 91 Resp: 186563
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6





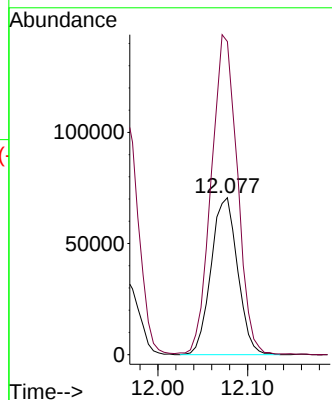
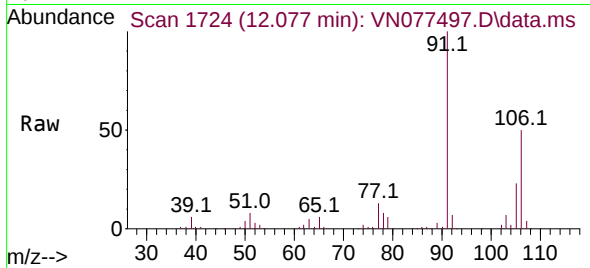
#67
m/p-Xylenes
Concen: 9.265 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.005 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 14495
Ion Ratio Lower Upper
106 100
91 200.9 158.0 237.0

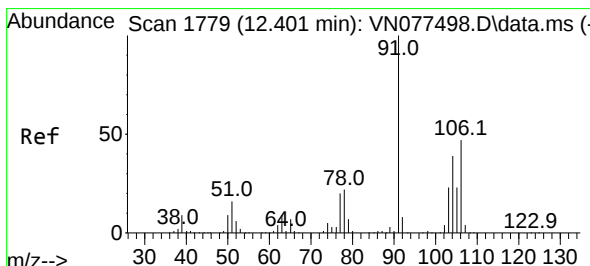
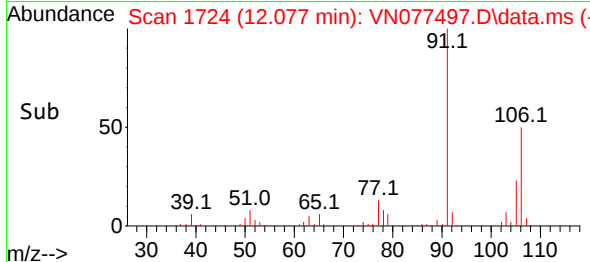
Manual Integrations
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Supervised By :Semsettin Yesilyurt 04/29/2023



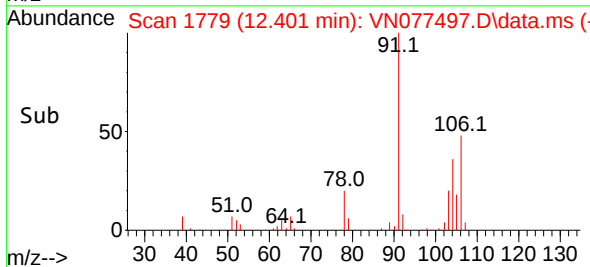
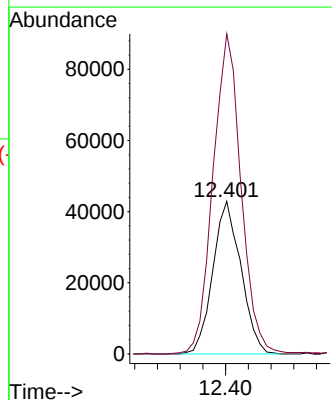
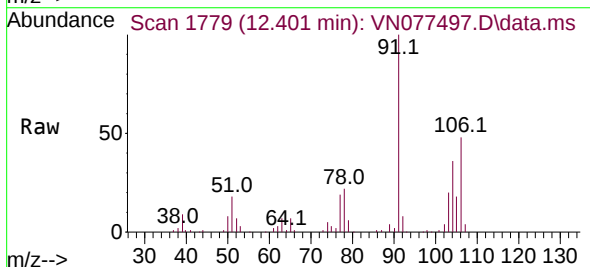
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Supervised By :Semsettin
Yesilyurt

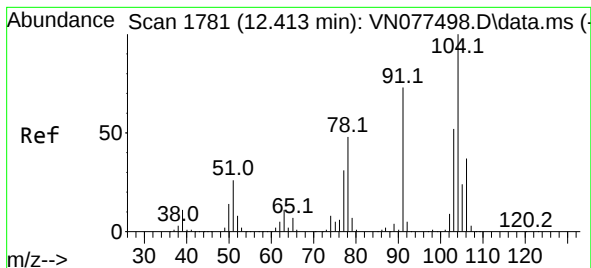
04/29/2023



#68
o-Xylene
Concen: 4.706 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion:106 Resp: 73659
Ion Ratio Lower Upper
106 100
91 209.1 103.6 310.8





#69

Styrene

Concen: 4.279 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:104	Resp: 10730
Ion Ratio	Lower Upper
104 100	
78 50.7	38.2 57.4
103 53.3	43.6 65.4

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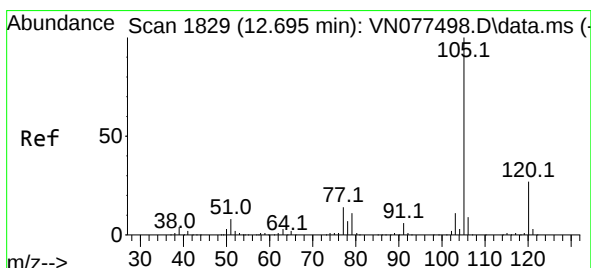
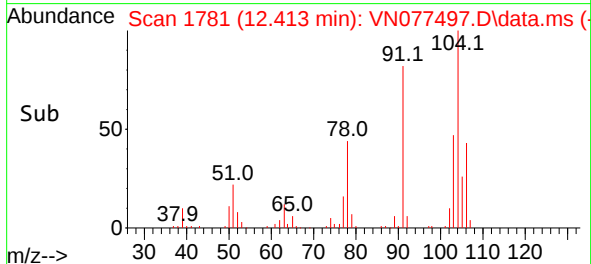
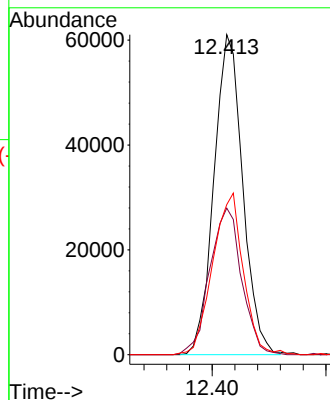
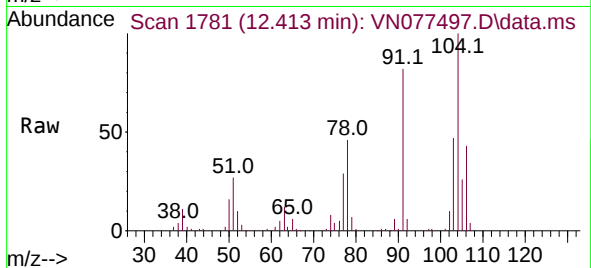
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

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#70

Isopropylbenzene

Concen: 4.708 ug/l

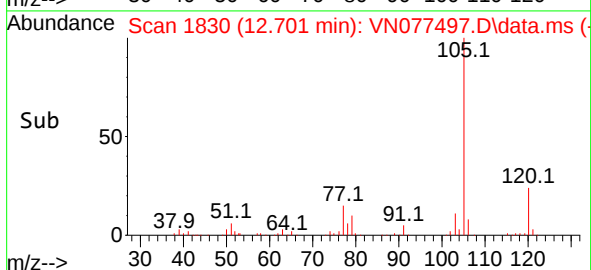
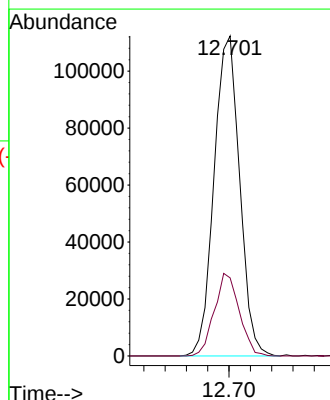
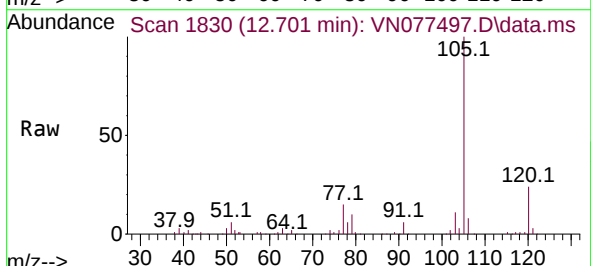
RT: 12.701 min Scan# 1830

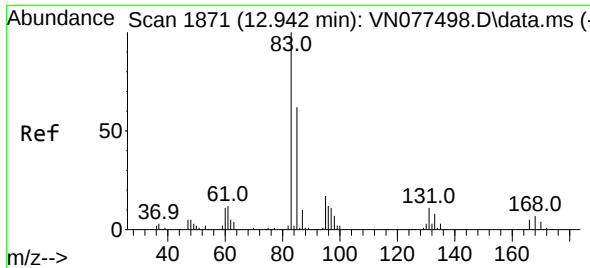
Delta R.T. 0.006 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

Tgt Ion:105	Resp: 187031
Ion Ratio	Lower Upper
105 100	
120 25.2	18.3 34.1





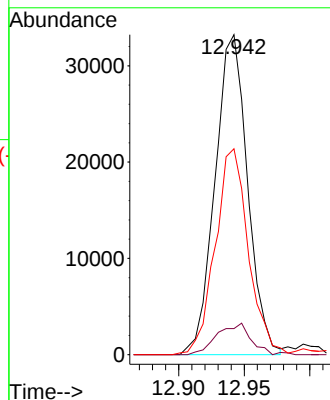
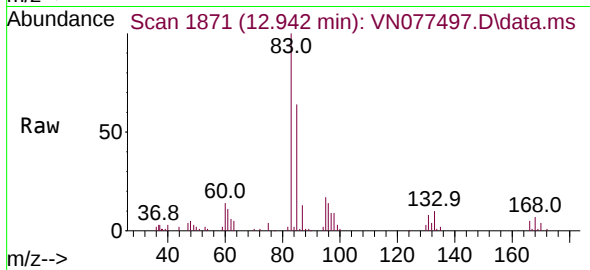
#71
1,1,2,2-Tetrachloroethane
Concen: 4.715 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 5735
Ion Ratio Lower Upper
83 100
131 10.1 4.7 14.0
85 65.4 32.3 96.8

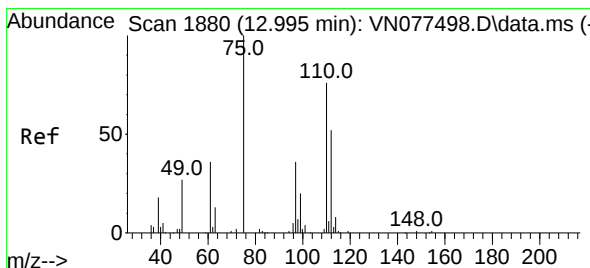
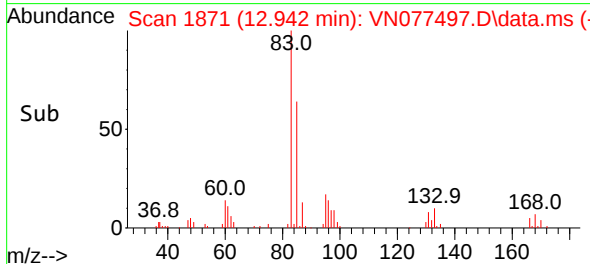
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



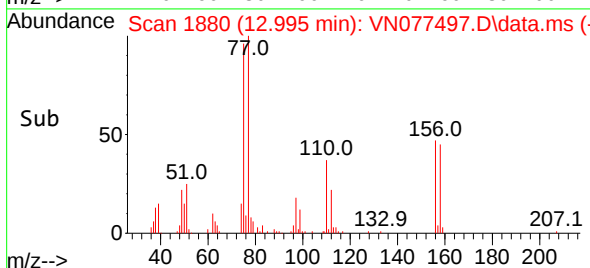
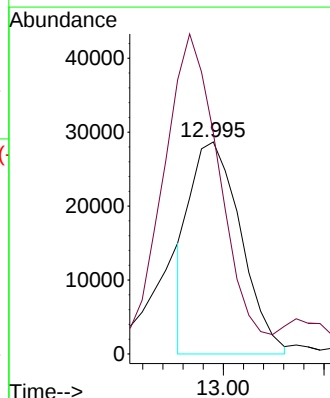
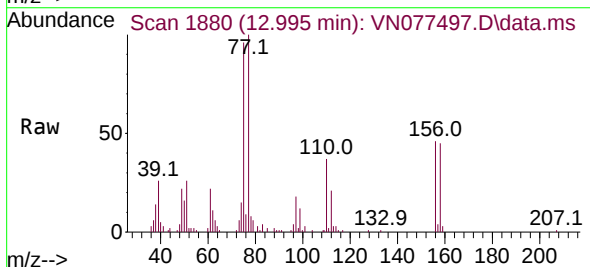
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Supervised By :Semsettin
Yesilyurt

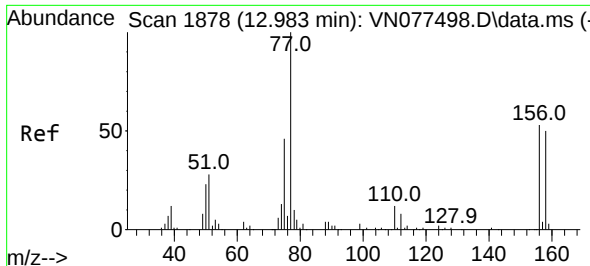
04/29/2023



#72
1,2,3-Trichloropropane
Concen: 6.058 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 75 Resp: 50091
Ion Ratio Lower Upper
75 100
77 171.6 0.0 434.2





#73
Bromobenzene
Concen: 5.046 ug/l
RT: 12.977 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

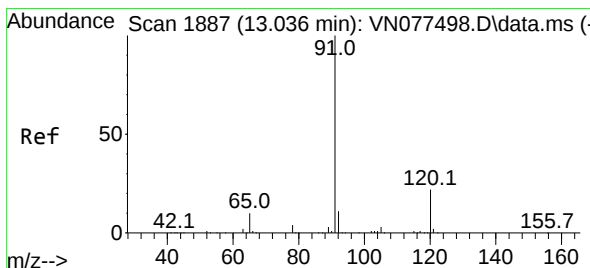
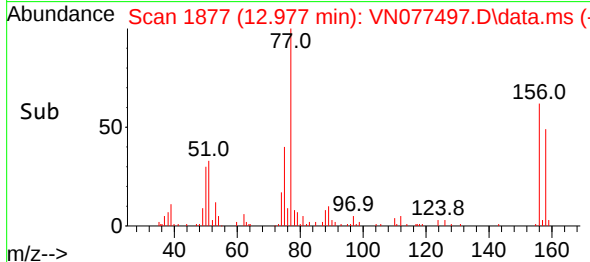
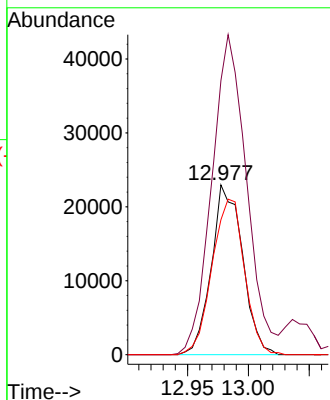
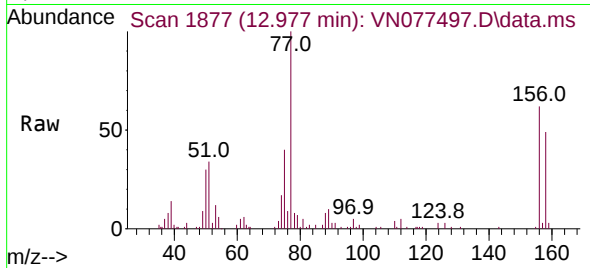
Tgt Ion:156 Resp: 40723
Ion Ratio Lower Upper
156 100
77 211.0 0.0 456.6
158 95.6 0.0 195.6

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

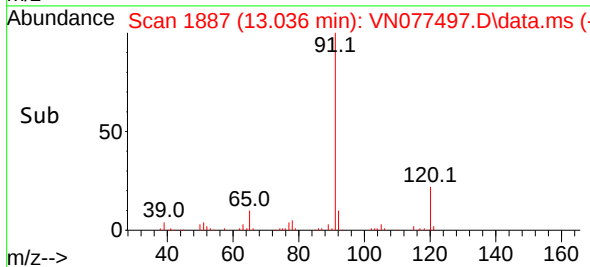
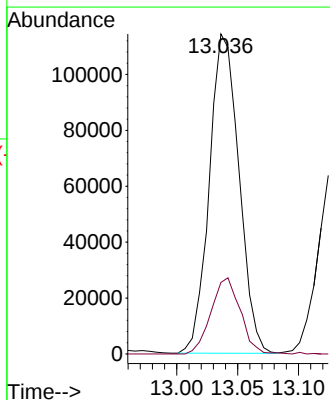
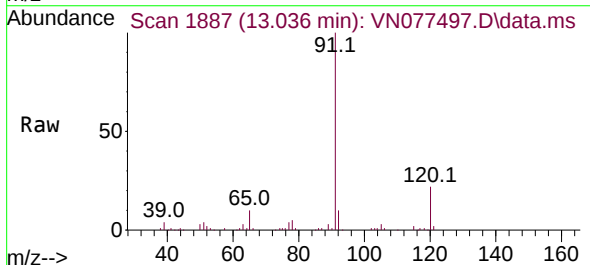
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Yesilyurt

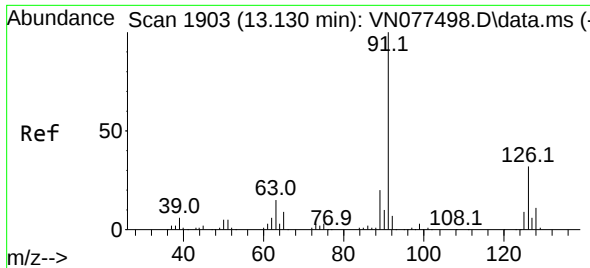
04/29/2023



#74
n-propylbenzene
Concen: 4.415 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 91 Resp: 194020
Ion Ratio Lower Upper
91 100
120 23.4 0.0 45.6





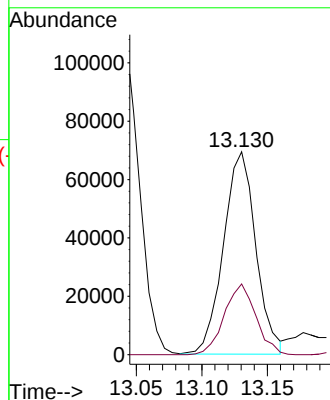
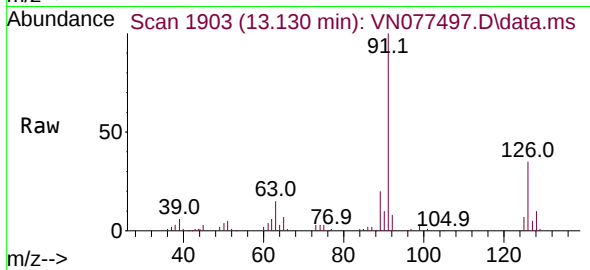
#75
2-Chlorotoluene
Concen: 4.527 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 119170
Ion Ratio Lower Upper
91 100
126 34.0 0.0 67.0

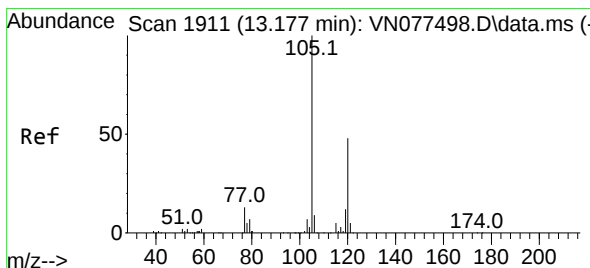
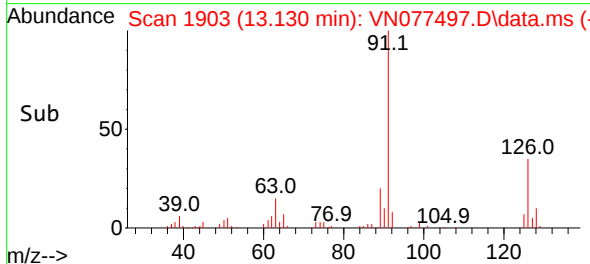
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Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



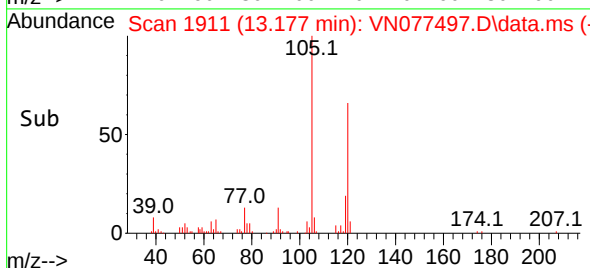
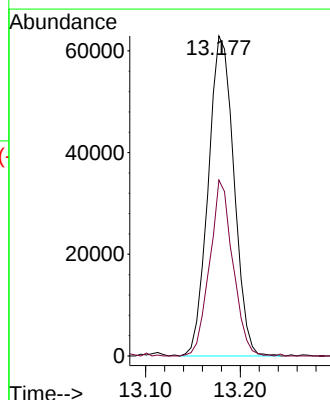
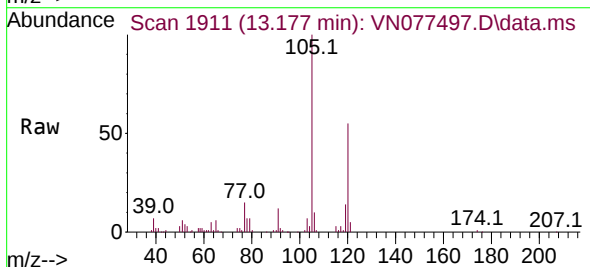
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Supervised By :Semsettin
Yesilyurt

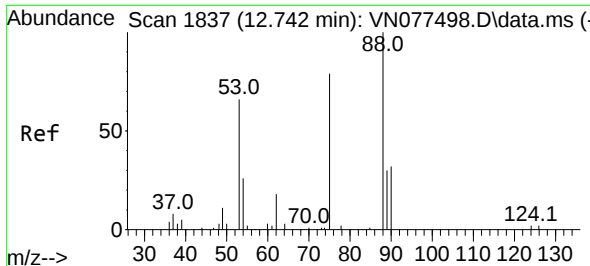
04/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 3.664 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

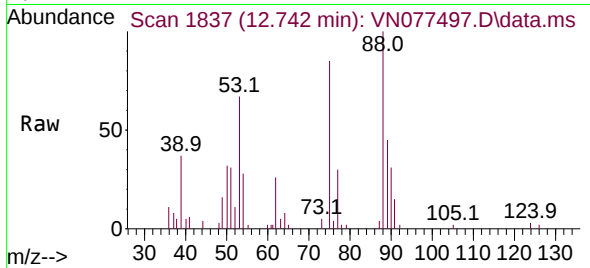
Tgt Ion:105 Resp: 118452
Ion Ratio Lower Upper
105 100
120 49.7 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 3.345 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



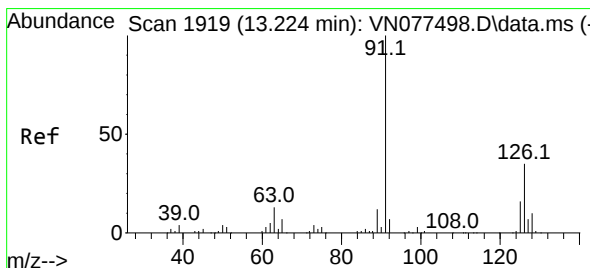
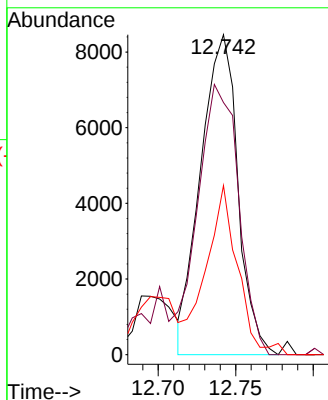
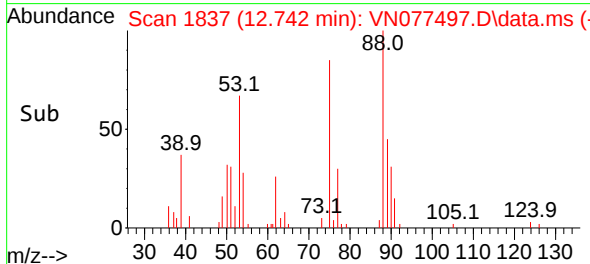
Tgt Ion: 75 Resp: 14088
Ion Ratio Lower Upper
75 100
53 78.8 38.8 116.4
89 49.4 23.2 69.6

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

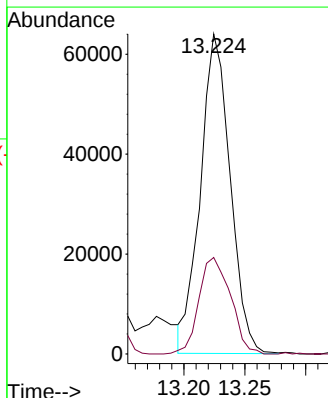
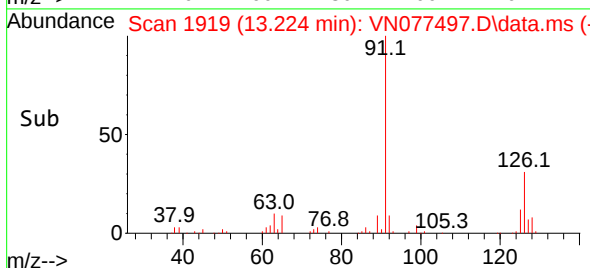
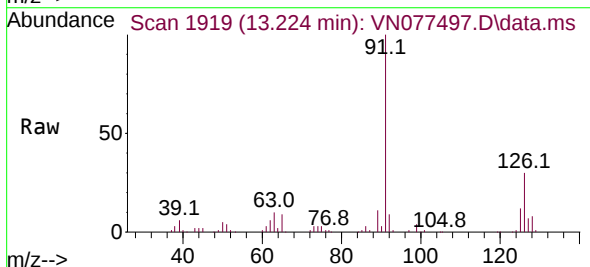
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Yesilyurt

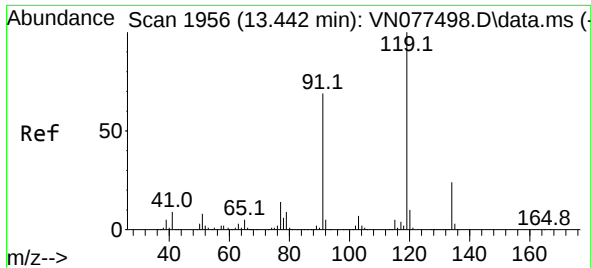
04/29/2023



#78
4-Chlorotoluene
Concen: 4.375 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion: 91 Resp: 108843
Ion Ratio Lower Upper
91 100
126 32.1 0.0 67.4





#79
tert-butylbenzene
Concen: 4.707 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

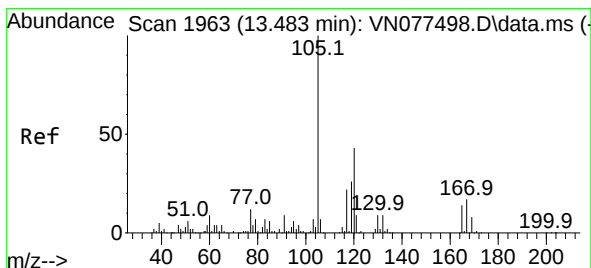
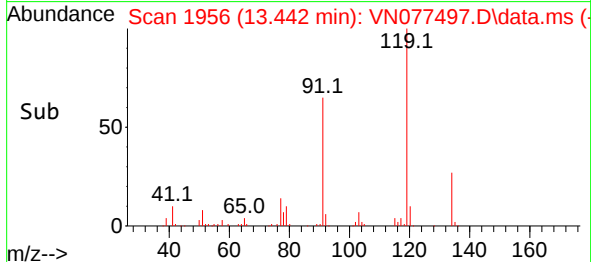
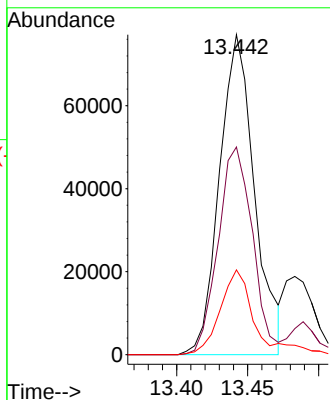
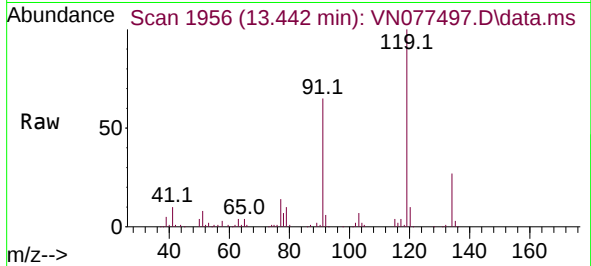
Tgt Ion:119 Resp: 132430
Ion Ratio Lower Upper
119 100
91 63.8 0.0 131.0
134 23.2 0.0 49.8

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

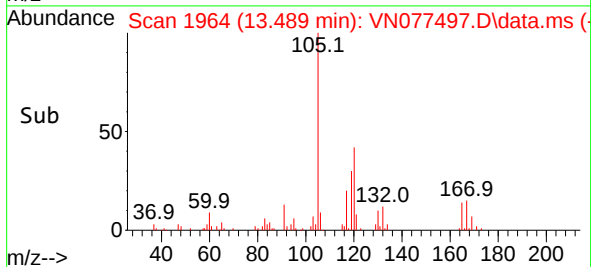
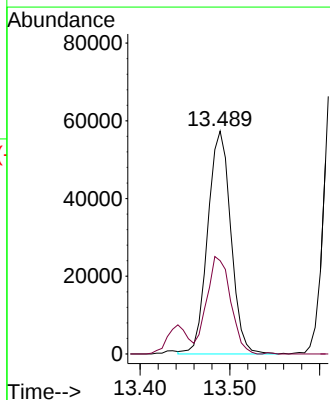
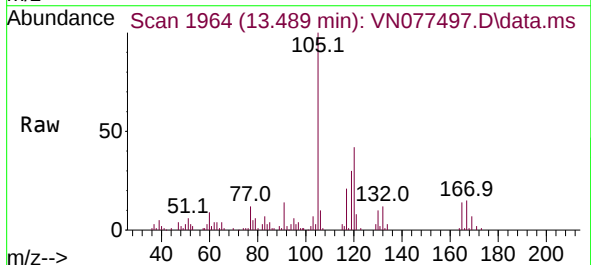
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Supervised By :Semsettin
Yesilyurt

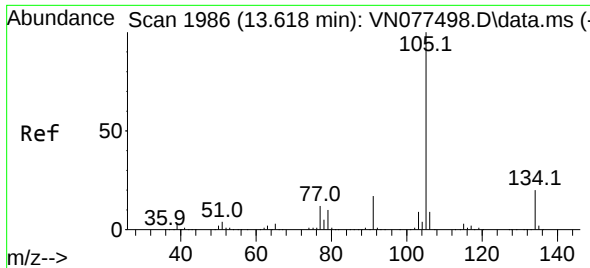
04/29/2023



#80
1,2,4-Trimethylbenzene
Concen: 3.255 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

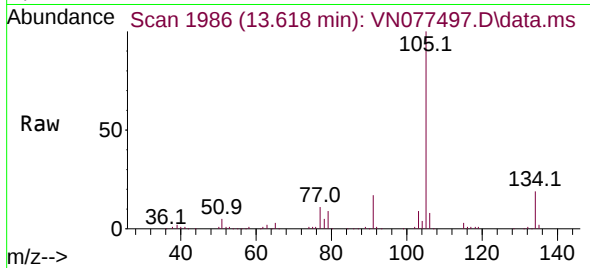
Tgt Ion:105 Resp: 102587
Ion Ratio Lower Upper
105 100
120 44.9 0.0 91.0





#81
 sec-Butylbenzene
 Concen: 4.157 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077497.D
 Acq: 28 Apr 2023 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



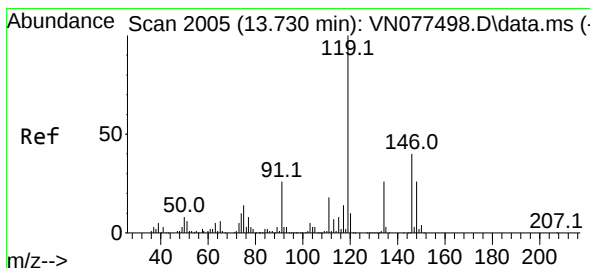
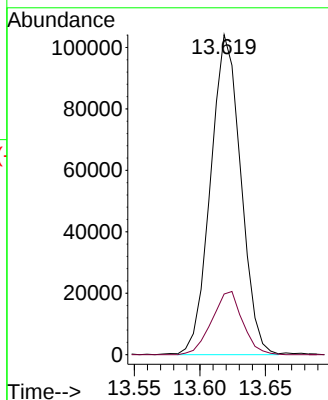
Tgt Ion:105 Resp: 167058
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 38.6

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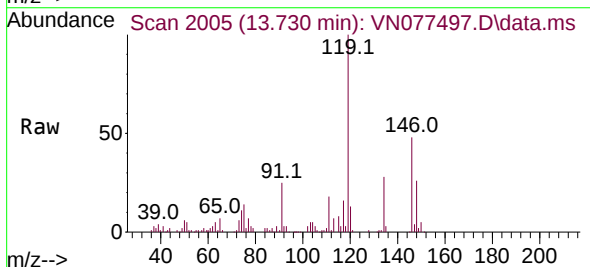
Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023

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 Supervised By :Semsettin
 Yesilyurt

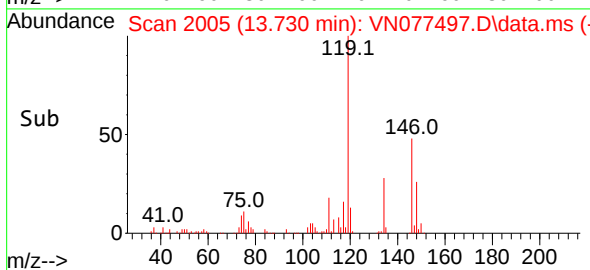
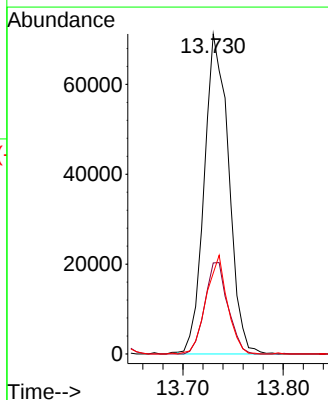
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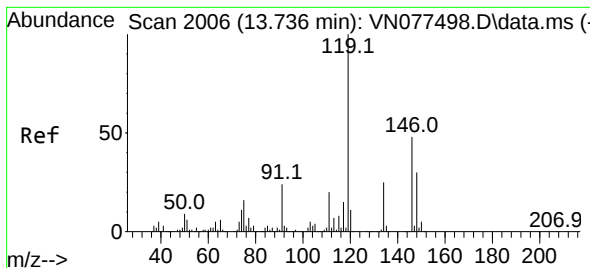


#82
 p-Isopropyltoluene
 Concen: 3.749 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077497.D
 Acq: 28 Apr 2023 11:33



Tgt Ion:119 Resp: 120700
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 51.0
 91 26.9 0.0 48.0





#83

1,3-Dichlorobenzene

Concen: 4.207 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:146	Resp:	6436
Ion Ratio	Lower	Upper
146	100	
111	42.9	21.4 64.2
148	64.1	31.9 95.5

Manual Integrations

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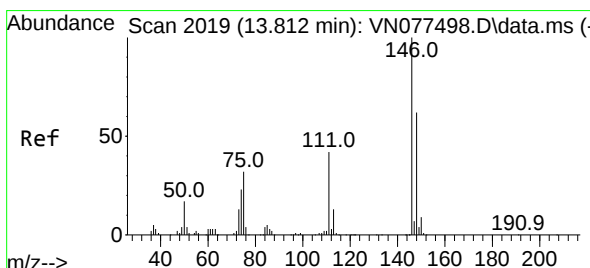
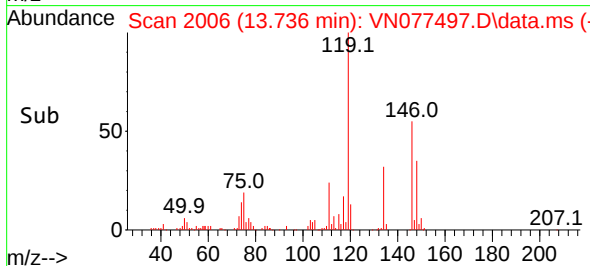
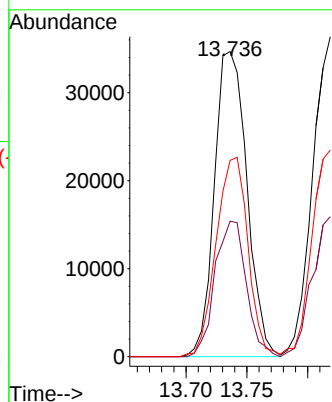
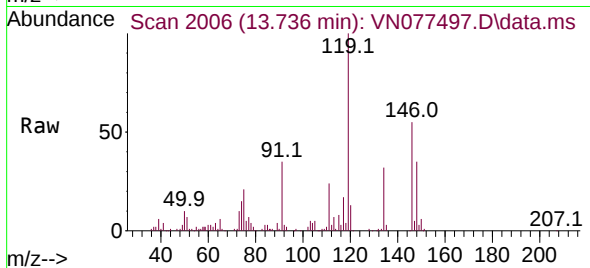
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

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Supervised By :Semsettin
Yesilyurt

04/29/2023



#84

1,4-Dichlorobenzene

Concen: 4.102 ug/l

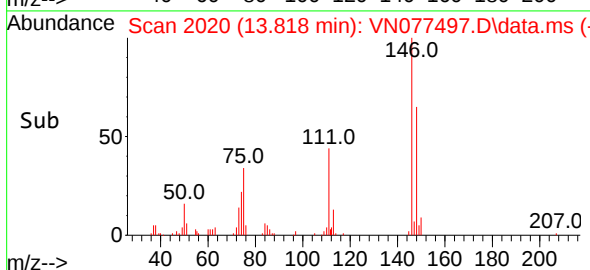
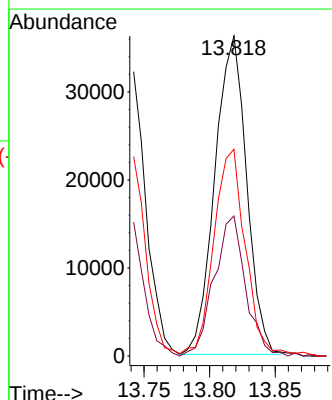
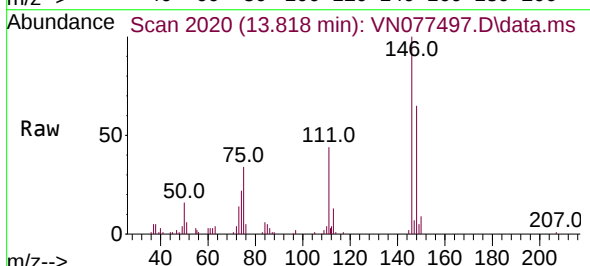
RT: 13.818 min Scan# 2020

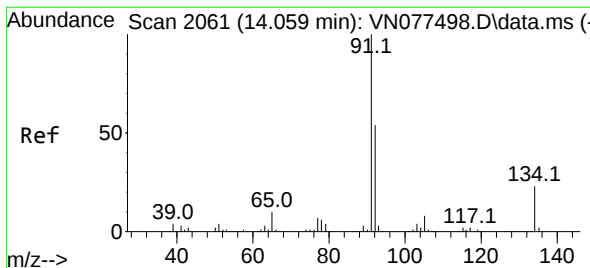
Delta R.T. 0.005 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

Tgt Ion:146	Resp:	60893
Ion Ratio	Lower	Upper
146	100	
111	43.4	20.3 61.0
148	61.9	31.6 94.7





#85
n-Butylbenzene
Concen: 3.113 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

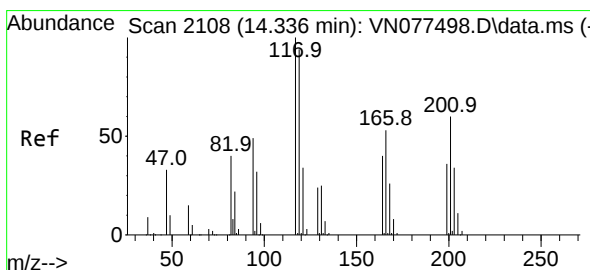
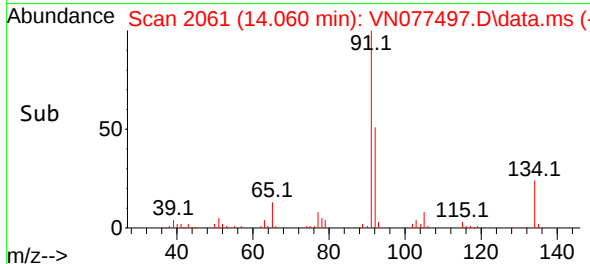
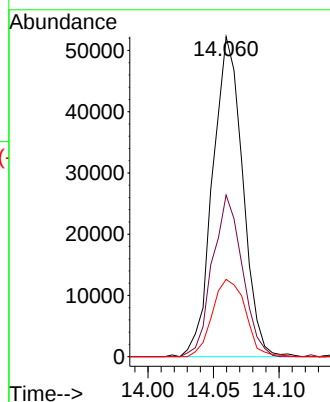
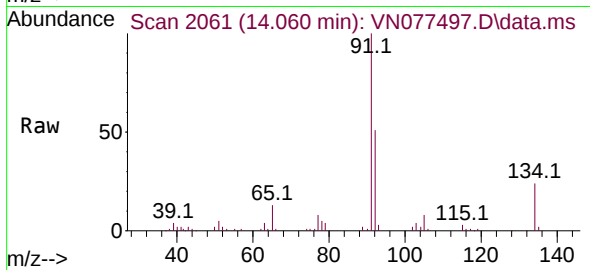
Tgt Ion: 91 Resp: 8280
Ion Ratio Lower Upper
91 100
92 50.5 0.0 105.6
134 26.7 0.0 49.4

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

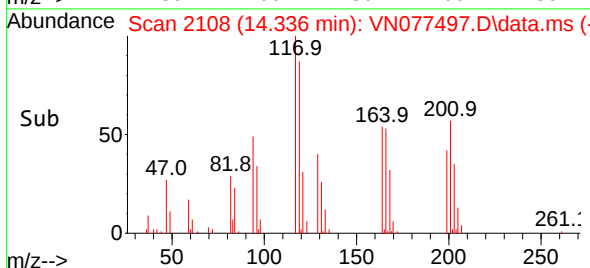
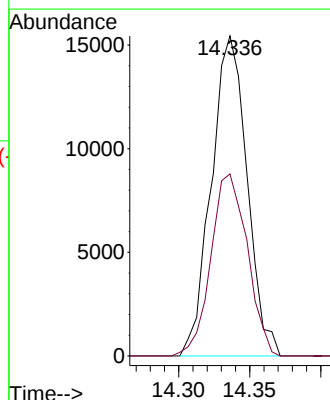
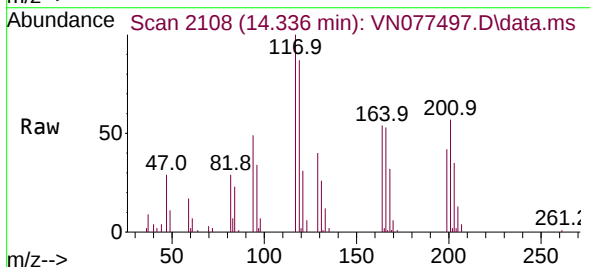
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Supervised By :Semsettin
Yesilyurt

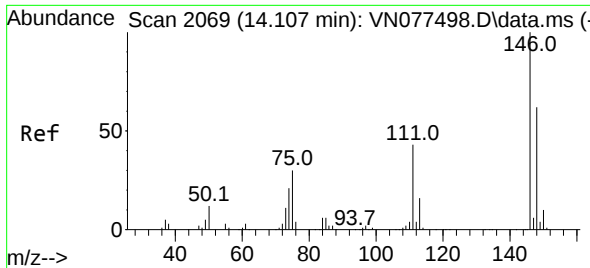
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#86
Hexachloroethane
Concen: 3.945 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Tgt Ion:117 Resp: 27017
Ion Ratio Lower Upper
117 100
201 58.0 29.1 87.4





#87

1,2-Dichlorobenzene

Concen: 4.344 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:146	Resp:	65124
Ion Ratio	Lower	Upper
146	100	
111	44.1	22.1 66.5
148	61.0	31.9 95.7

Manual Integrations

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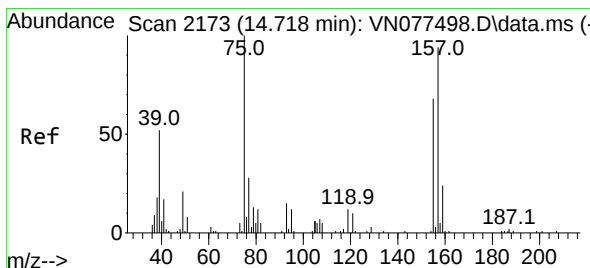
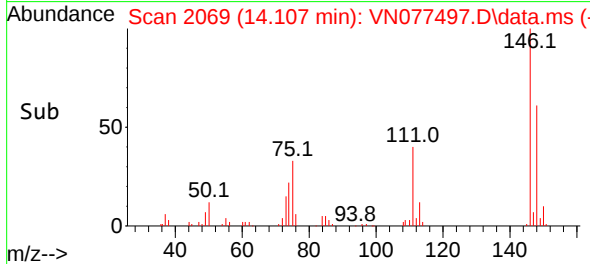
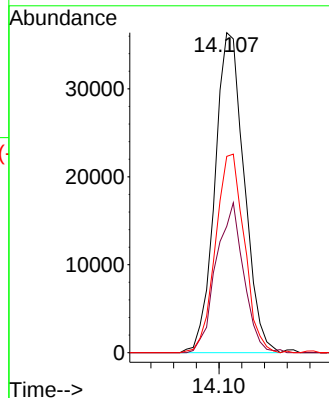
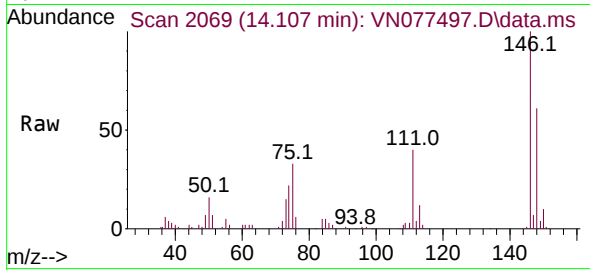
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

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Supervised By :Semsettin
Yesilyurt

04/29/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 3.922 ug/l

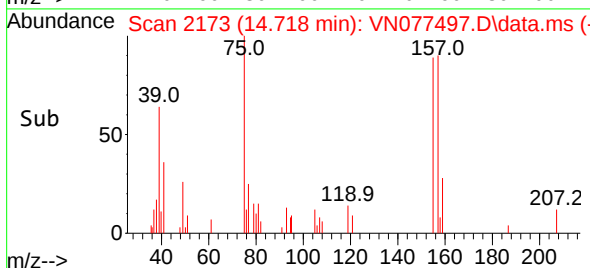
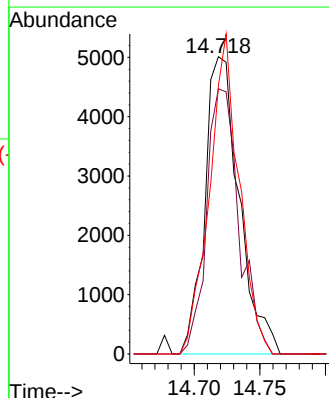
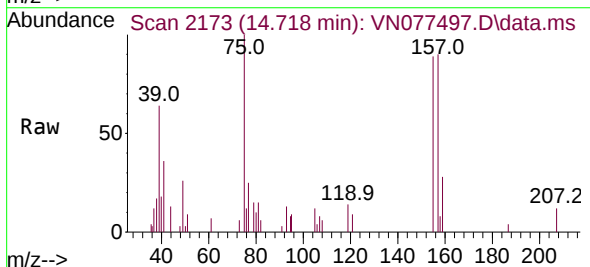
RT: 14.718 min Scan# 2173

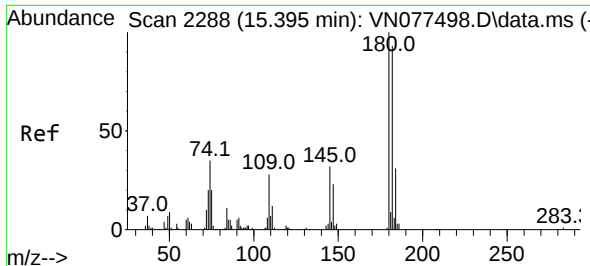
Delta R.T. 0.000 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

Tgt Ion: 75	Resp:	9141
Ion Ratio	Lower	Upper
75	100	
155	83.9	67.8 101.6
157	93.1	86.3 129.5





#89

1,2,4-Trichlorobenzene

Concen: 1.850 ug/l

RT: 15.389 min Scan# 21

Delta R.T. 0.023 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:180	Resp:	10908
Ion Ratio	Lower	Upper
180	100	
182	87.4	75.6 113.4
145	34.6	26.7 40.1

Manual Integrations

APPROVED

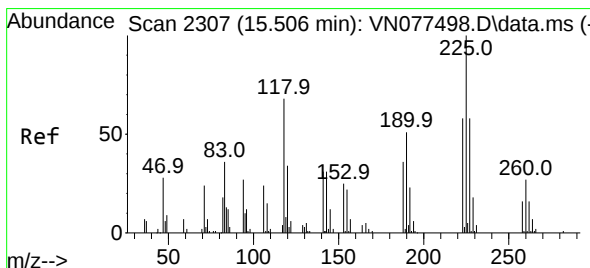
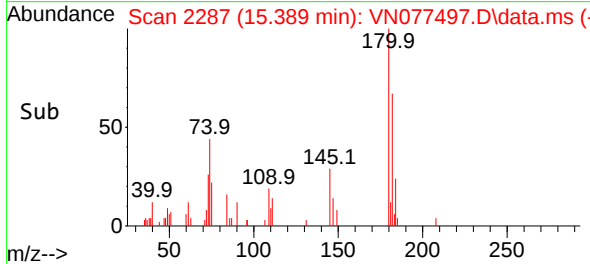
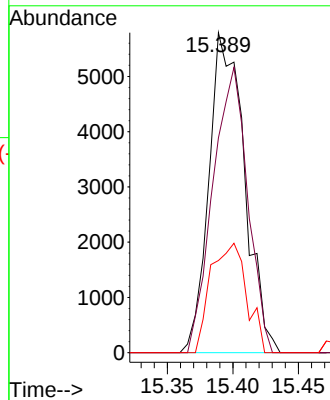
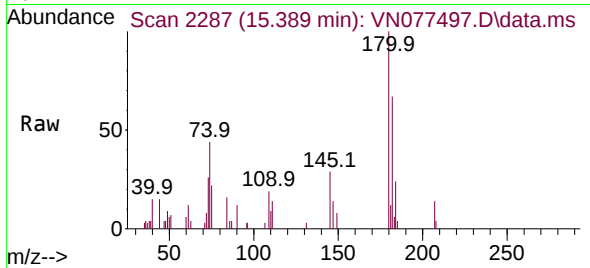
Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023

04/29/2023

Supervised By :Semsettin
Yesilyurt

04/29/2023



#90

Hexachlorobutadiene

Concen: 4.671 ug/l

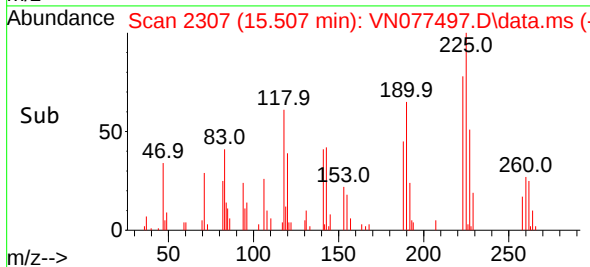
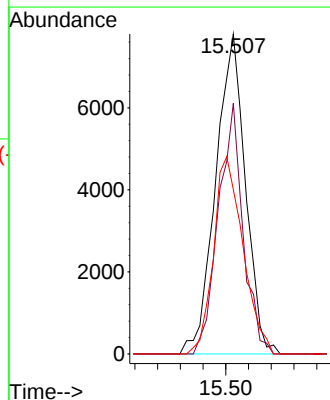
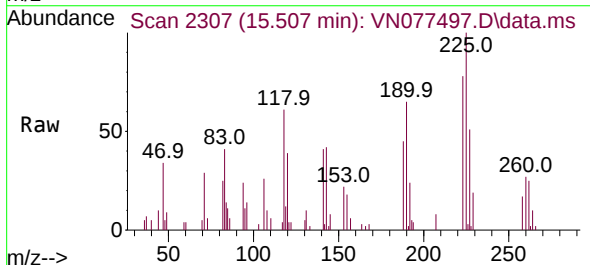
RT: 15.507 min Scan# 2307

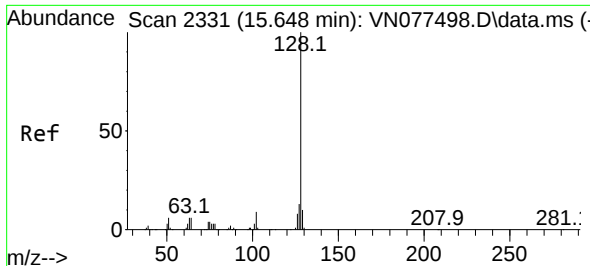
Delta R.T. 0.042 min

Lab File: VN077497.D

Acq: 28 Apr 2023 11:33

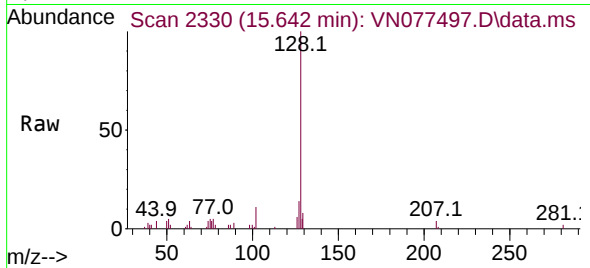
Tgt Ion:225	Resp:	14129
Ion Ratio	Lower	Upper
225	100	
223	65.1	0.0 126.0
227	61.2	0.0 127.2





#91
Naphthalene
Concen: 1.467 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



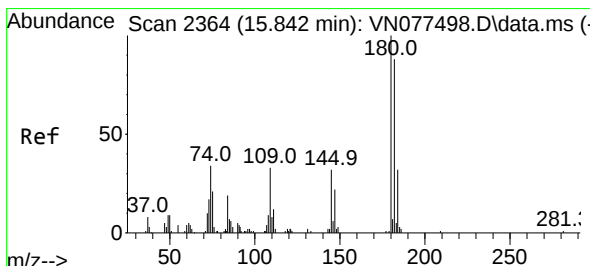
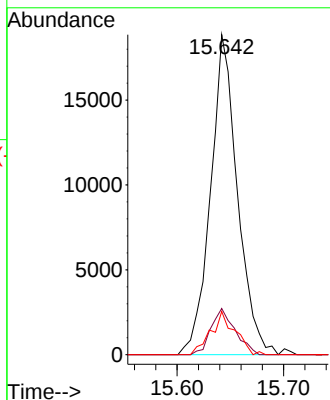
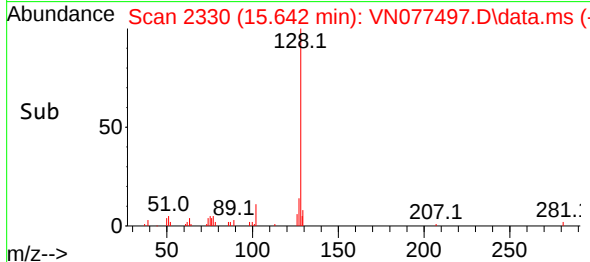
Tgt Ion:128 Resp: 3305
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.9 8.9 13.3

Manual Integrations
APPROVED

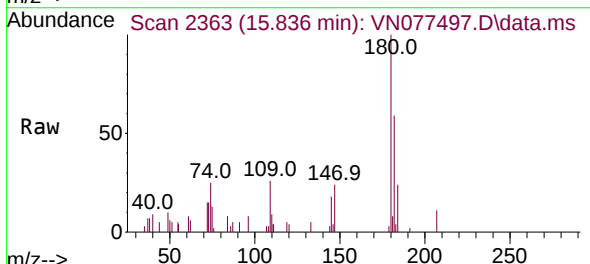
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

04/29/2023
Supervised By :Semsettin
Yesilyurt

04/29/2023



#92
1,2,3-Trichlorobenzene
Concen: 2.035 ug/l
RT: 15.836 min Scan# 2363
Delta R.T. 0.082 min
Lab File: VN077497.D
Acq: 28 Apr 2023 11:33



Tgt Ion:180 Resp: 11709
Ion Ratio Lower Upper
180 100
182 77.0 0.0 190.4
145 30.6 0.0 72.4

