

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032723\
 Data File : VN077198.D
 Acq On : 27 Mar 2023 12:24
 Operator : JC\MD
 Sample : VN0327WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Mar 28 06:41:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
 Response via : Initial Calibration

03/28/2023
 Supervised By :Semsettin
 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Y
-----							03
Internal Standards							
1) Bromochloromethane	7.819	128	42810	30.000	ug/l	0.00	
28) 1,4-Difluorobenzene	9.107	114	301953	30.000	ug/l	0.00	
57) Chlorobenzene-d5	11.866	117	336811	30.000	ug/l	0.00	
System Monitoring Compounds							
27) 1,2-Dichloroethane-d4	8.583	65	131132	30.162	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.533%	
60) 4-Bromofluorobenzene	12.848	95	181063	29.924	ug/l	0.00	
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.733%	
63) Toluene-d8	10.566	98	361315	30.052	ug/l	0.00	
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.167%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	2.137	85	101240	35.915	ug/l		94
3) Chloromethane	2.372	50	117890	26.280	ug/l		97
4) Vinyl Chloride	2.525	62	137137	21.683	ug/l		93
5) Bromomethane	2.966	94	113041	25.490	ug/l		94
6) Chloroethane	3.131	64	132357	25.103	ug/l		90
7) Trichlorofluoromethane	3.513	101	254708	27.976	ug/l		99
8) Diethyl Ether	3.978	74	69477	21.748	ug/l		95
9) 1,1,2-Trichlorotrifluo...	4.384	101	105021	22.060	ug/l		96
10) 1,1-Dichloroethene	4.354	96	95331	21.401	ug/l		98
11) Methyl Iodide	4.601	142	113423	23.908	ug/l		95
12) Methyl Acetate	5.037	43	195949	20.399	ug/l		97
13) Acrolein	4.325	56	504	0.387	ug/l		98
14) Acrylonitrile	5.731	53	297948	102.254	ug/l		98
15) Acetone	4.437	58	97799	128.364	ug/l		85
16) Carbon Disulfide	4.725	76	265908	21.136	ug/l		100
17) Allyl chloride	5.037	41	169151	21.590	ug/l		92
18) Methylene Chloride	5.295	84	117314	21.429	ug/l		91
19) trans-1,2-Dichloroethene	5.801	96	104442	21.885	ug/l		95
20) Diisopropyl ether	6.684	45	393717	22.183	ug/l		92
21) 1,1-Dichloroethane	6.584	63	216682	21.685	ug/l		98
22) cis-1,2-Dichloroethene	7.489	96	122072	21.664	ug/l		96
23) tert-Butyl Alcohol	5.531	59	98222	99.311	ug/l	#	100
24) Methyl tert-Butyl Ether	5.801	73	344790	21.801	ug/l		99
25) Chloroform	7.972	83	211349	21.618	ug/l		100
26) Cyclohexane	8.266	56	182005	21.596	ug/l	#	95
29) 1,1-Dichloropropene	8.378	75	154426	21.082	ug/l		99
30) 2-Butanone	7.489	43	438918	103.868	ug/l		99
31) 2,2-Dichloropropane	7.495	77	174727	25.464	ug/l	#	67
32) 1,1,1-Trichloroethane	8.178	97	184918	20.938	ug/l		98
33) Carbon Tetrachloride	8.372	117	159094	21.443	ug/l		92
34) Benzene	8.613	78	473361	21.082	ug/l		96
35) Methacrylonitrile	7.789	41	92431	19.926	ug/l		96
36) 1,2-Dichloroethane	8.678	62	175339	21.182	ug/l		98
37) Trichloroethene	9.354	130	105899	20.862	ug/l		97
38) Methylcyclohexane	9.607	83	185093	21.227	ug/l		96
39) 1,2-Dichloropropane	9.625	63	125152	20.821	ug/l		93
40) Dibromomethane	9.713	93	82985	21.589	ug/l		98
41) Bromodichloromethane	9.889	83	161135	20.586	ug/l		97
42) Vinyl Acetate	6.613	43	1277341	100.846	ug/l		100

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Quant Time: Mar 28 06:41:13 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 24 05:55:38 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.560	43	175347	20.771	ug/l	98
44) Isopropyl Acetate	8.695	43	266346	19.550	ug/l	98
45) 1,4-Dioxane	9.695	88	46602	420.688	ug/l	97
46) Methyl methacrylate	9.683	41	130143	20.719	ug/l	95
47) n-amyl Acetate	12.495	43	216316	18.873	ug/l	94
48) t-1,3-Dichloropropene	10.836	75	168249	21.162	ug/l	93
49) cis-1,3-Dichloropropene	10.313	75	184227	21.166	ug/l	96
50) 1,1,2-Trichloroethane	11.019	97	112980	20.939	ug/l	96
51) Ethyl methacrylate	10.877	69	164689	19.768	ug/l	94
52) 1,3-Dichloropropane	11.166	76	200598	20.944	ug/l	99
53) Dibromochloromethane	11.360	129	116325	20.822	ug/l	97
54) 1,2-Dibromoethane	11.471	107	109631	20.647	ug/l	97
55) 2-Chloroethyl vinyl ether	10.166	63	326174	93.642	ug/l	98
56) Bromoform	12.577	173	78773	20.094	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	863470	99.332	ug/l	99
59) 2-Hexanone	11.195	43	638348	100.714	ug/l	99
61) Tetrachloroethene	11.107	164	91168	21.567	ug/l	98
62) Toluene	10.630	91	501244	21.175	ug/l	99
64) Chlorobenzene	11.895	112	291275	20.798	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.960	131	109276	21.246	ug/l	97
66) Ethyl Benzene	11.966	91	536589	21.096	ug/l	94
67) m/p-Xylenes	12.071	106	415739	42.473	ug/l	95
68) o-Xylene	12.401	106	203394	21.223	ug/l	99
69) Styrene	12.413	104	323446	20.784	ug/l	98
70) Isopropylbenzene	12.695	105	525983	21.164	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	169951	20.892	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	148472m	20.620	ug/l	
73) Bromobenzene	12.983	156	120807	21.743	ug/l	98
74) n-propylbenzene	13.036	91	624020	21.689	ug/l	99
75) 2-Chlorotoluene	13.130	91	374222	21.572	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	448723	21.752	ug/l	96
77) t-1,4-Dichloro-2-butene	12.736	75	47738	20.798	ug/l	89
78) 4-Chlorotoluene	13.224	91	355021	21.275	ug/l	96
79) tert-butylbenzene	13.442	119	378898	21.500	ug/l	98
80) 1,2,4-Trimethylbenzene	13.483	105	442815	21.631	ug/l	98
81) sec-Butylbenzene	13.618	105	545222	21.427	ug/l	100
82) p-Isopropyltoluene	13.730	119	439204	21.532	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	221066	21.489	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	215615	21.515	ug/l	98
85) n-Butylbenzene	14.060	91	370397	21.483	ug/l	99
86) Hexachloroethane	14.336	117	85407	21.957	ug/l	93
87) 1,2-Dichlorobenzene	14.107	146	221761	21.556	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	30455	19.512	ug/l	98
89) 1,2,4-Trichlorobenzene	15.401	180	93066	20.279	ug/l	98
90) Hexachlorobutadiene	15.501	225	59538	22.996	ug/l	97
91) Naphthalene	15.642	128	285070	18.929	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	88947	19.518	ug/l	98

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

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ALS Vial : 3 Sample Multiplier: 1

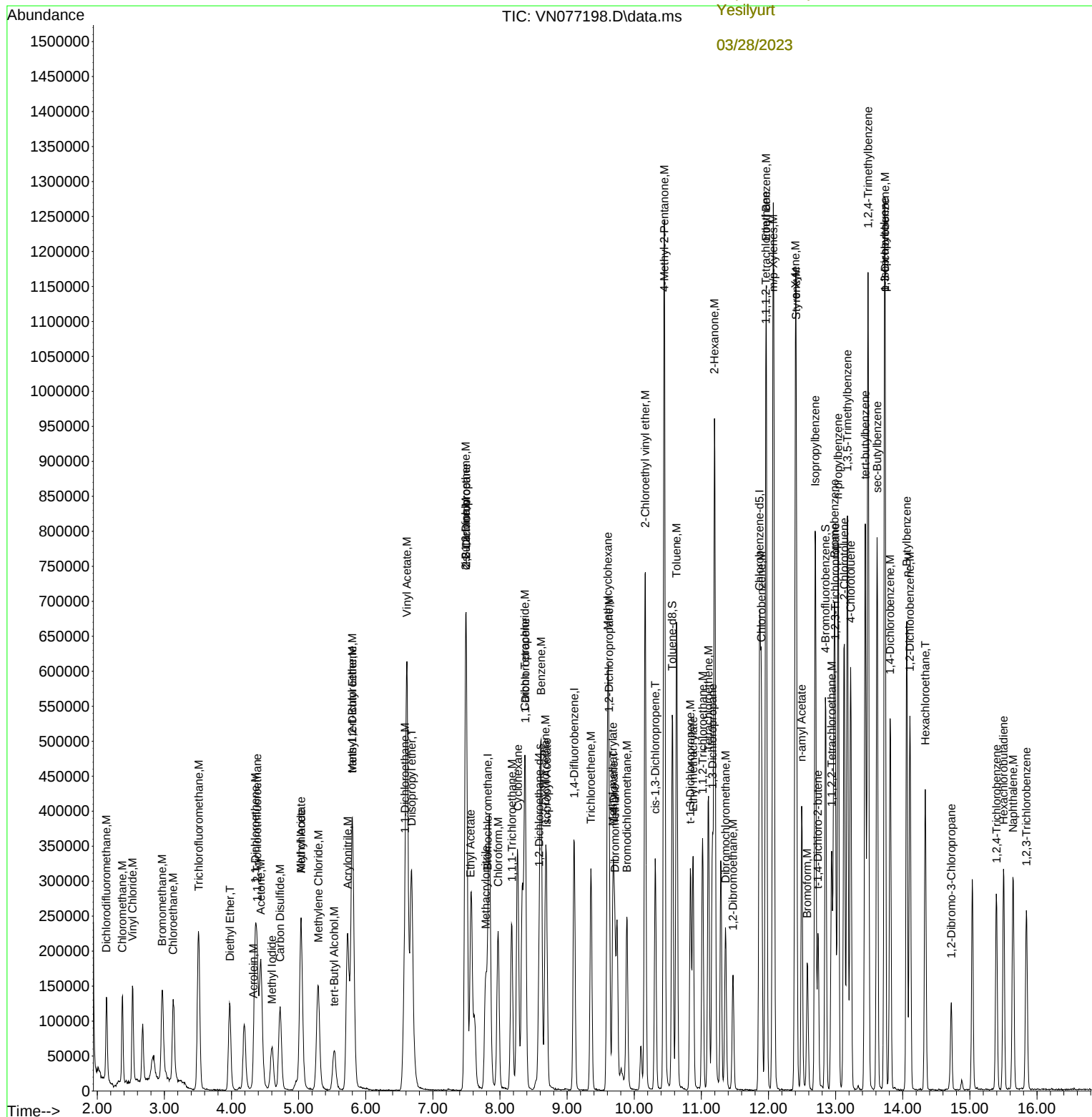
Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

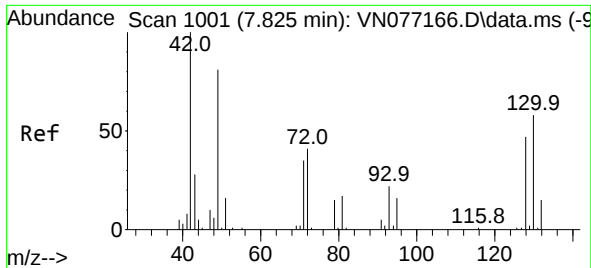
Manual Integrations
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Yesilyurt

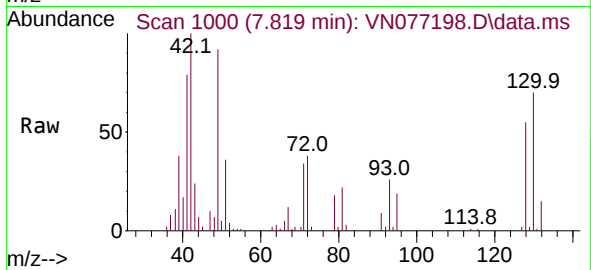
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 24 05:55:38 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



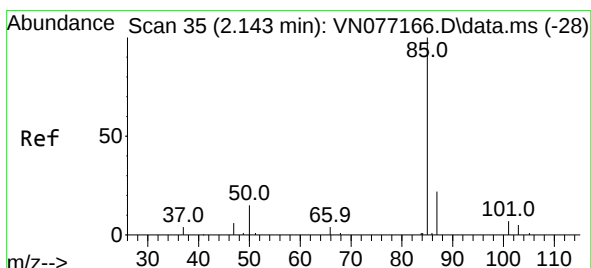
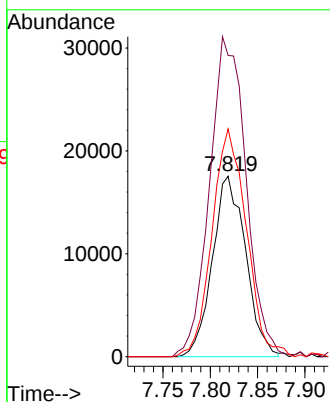
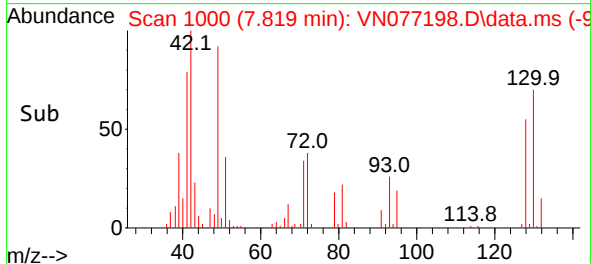
Tgt Ion:128 Resp: 42810
Ion Ratio Lower Upper
128 100
49 194.2 0.0 461.8
130 130.4 0.0 295.3

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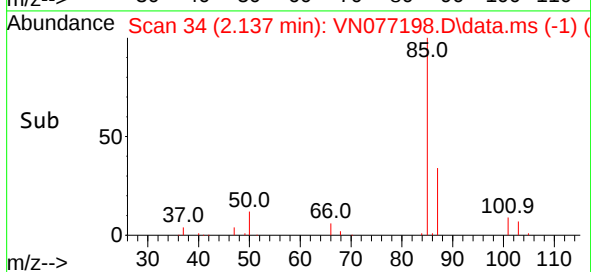
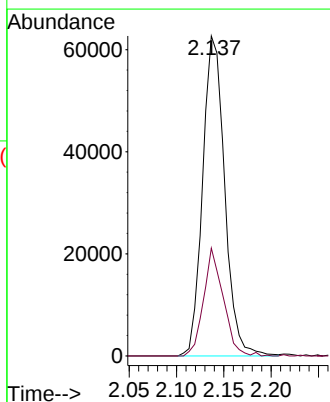
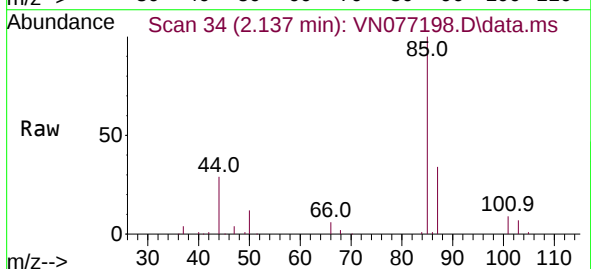
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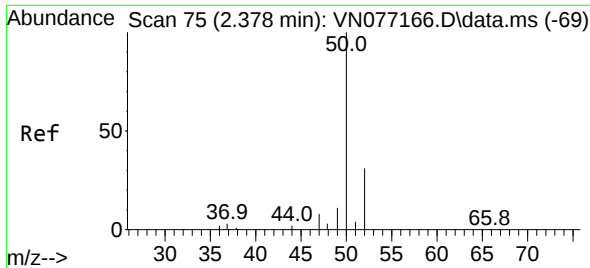
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#2
Dichlorodifluoromethane
Concen: 35.915 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion: 85 Resp: 101240
Ion Ratio Lower Upper
85 100
87 33.7 15.4 46.1





#3
Chloromethane
Concen: 26.280 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

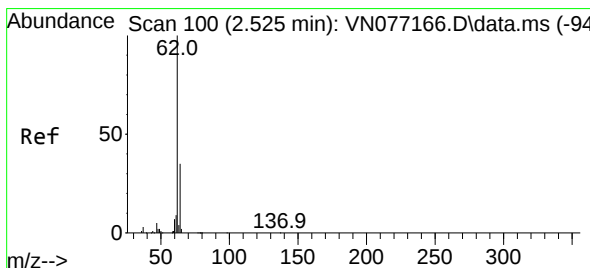
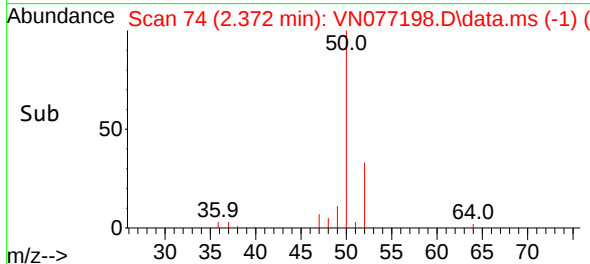
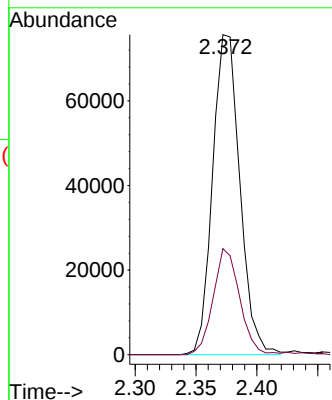
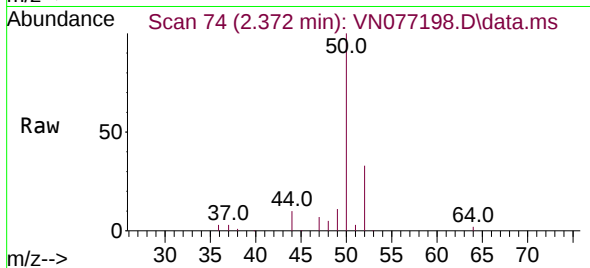
Tgt Ion: 50 Resp: 117890
Ion Ratio Lower Upper
50 100
52 33.1 25.3 37.9

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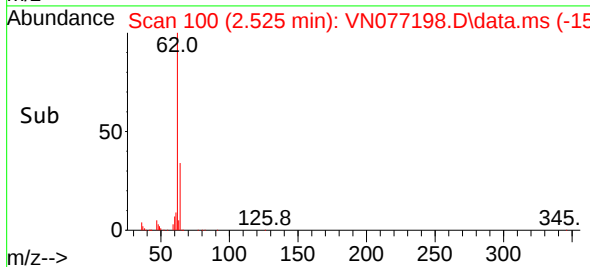
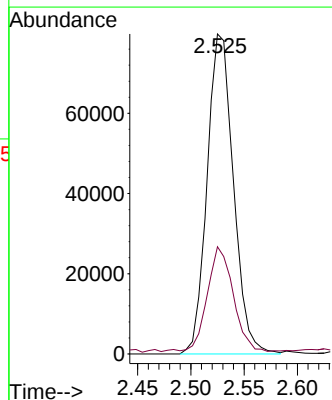
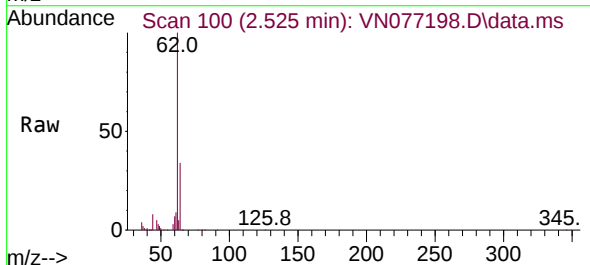
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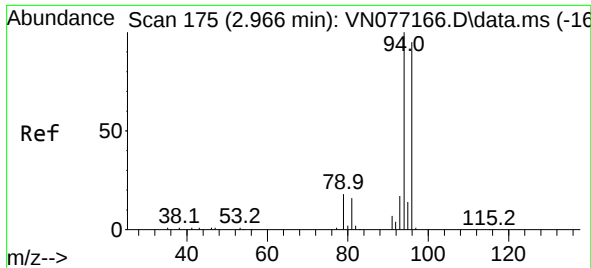
03/28/2023



#4
Vinyl Chloride
Concen: 21.683 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion: 62 Resp: 137137
Ion Ratio Lower Upper
62 100
64 32.6 23.1 34.7





#5
Bromomethane
Concen: 25.490 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
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ClientSampleId :
VN0327WBS01

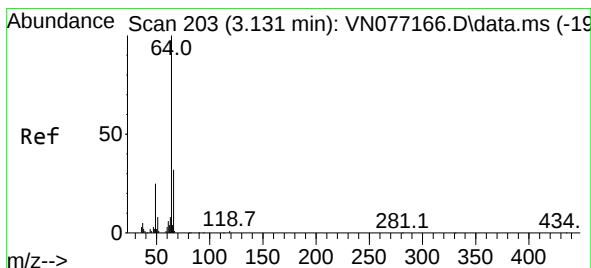
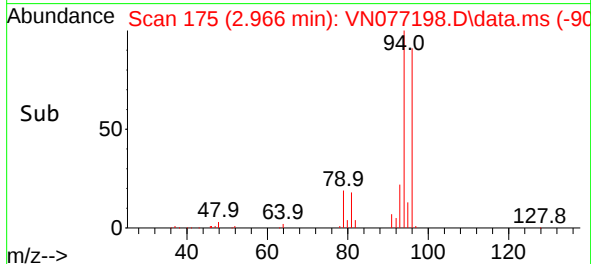
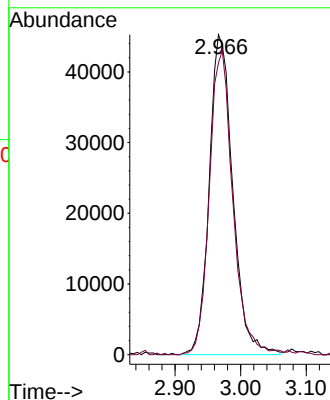
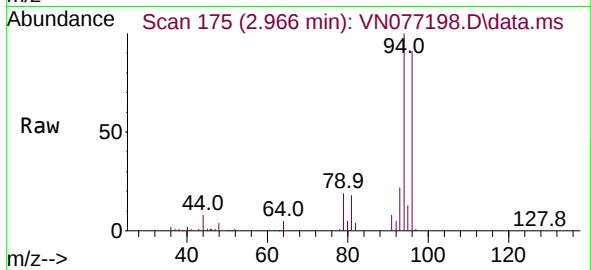
Tgt Ion: 94 Resp: 11304
Ion Ratio Lower Upper
94 100
96 91.2 68.6 103.0

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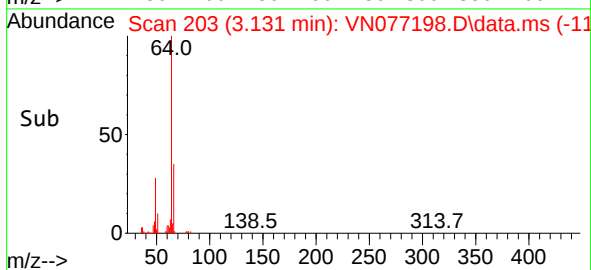
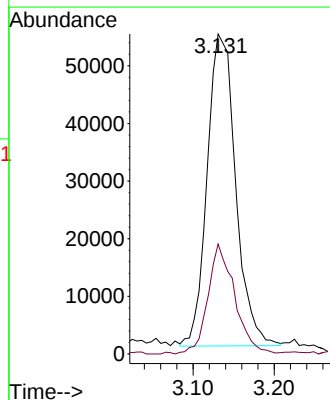
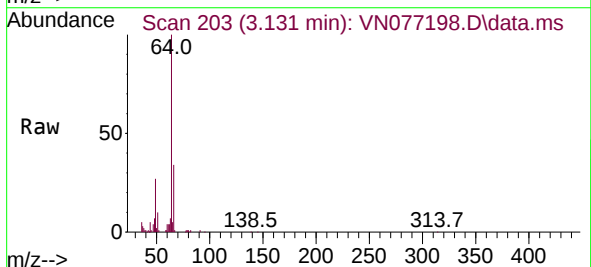
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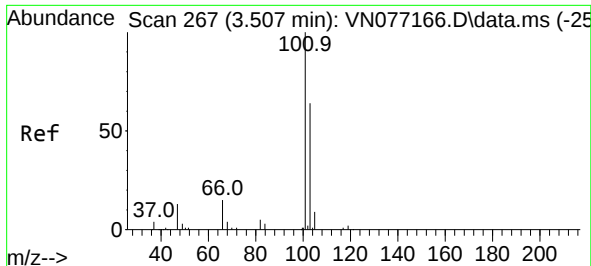
03/28/2023



#6
Chloroethane
Concen: 25.103 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion: 64 Resp: 132357
Ion Ratio Lower Upper
64 100
66 35.0 23.8 35.6





#7
Trichlorofluoromethane
Concen: 27.976 ug/l
RT: 3.513 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

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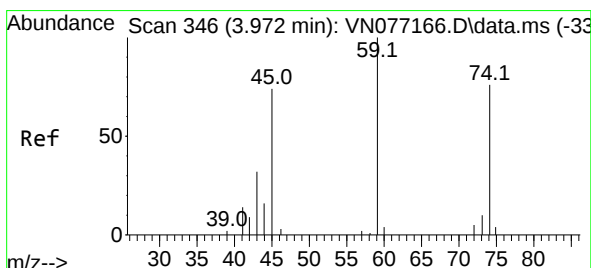
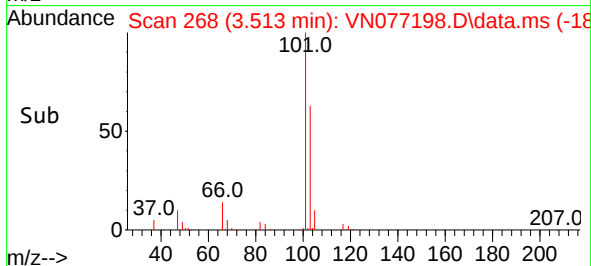
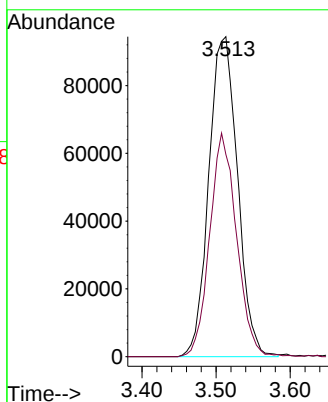
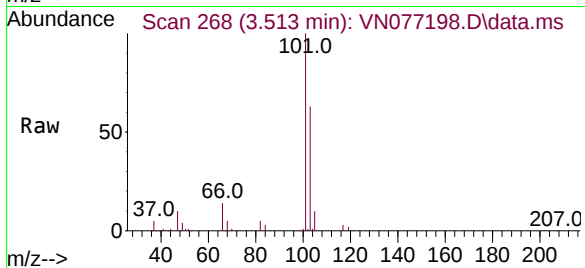
Tgt Ion:101 Resp: 254708
Ion Ratio Lower Upper
101 100
103 63.2 50.2 75.2

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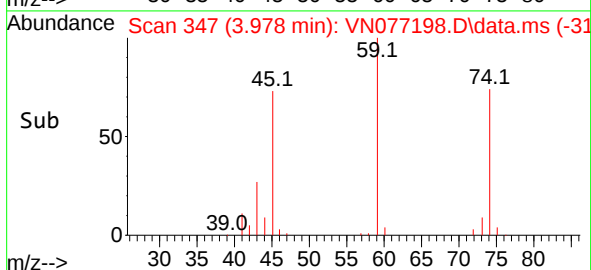
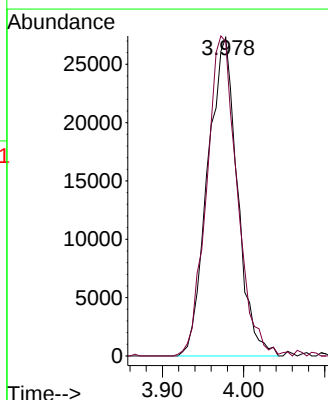
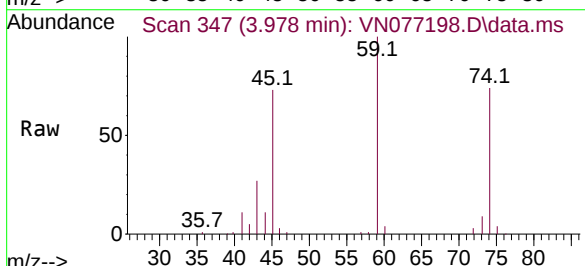
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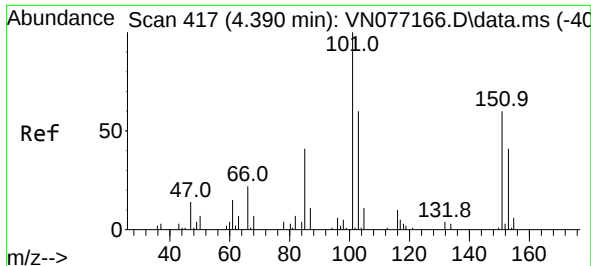
03/28/2023



#8
Diethyl Ether
Concen: 21.748 ug/l
RT: 3.978 min Scan# 347
Delta R.T. 0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion: 74 Resp: 69477
Ion Ratio Lower Upper
74 100
45 102.3 21.4 193.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.060 ug/l
RT: 4.384 min Scan# 417
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

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VN0327WBS01

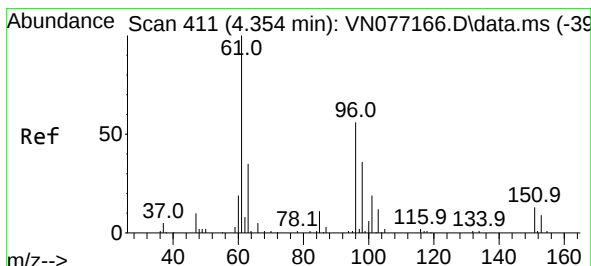
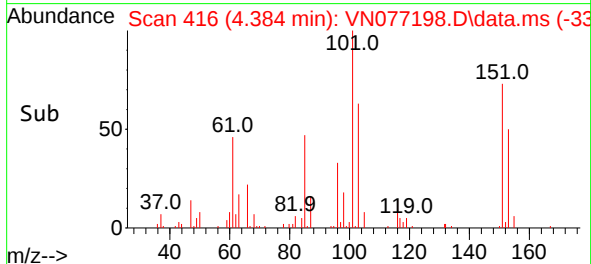
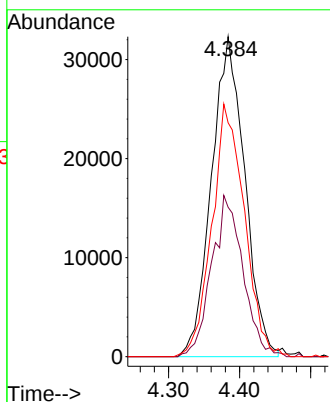
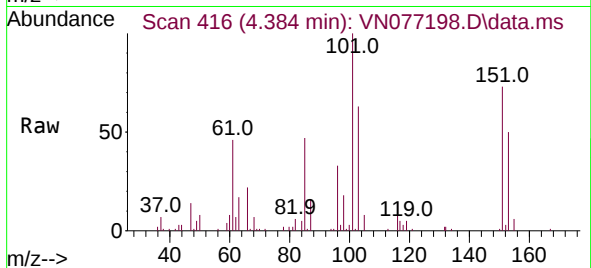
Tgt Ion:101 Resp: 10502
Ion Ratio Lower Upper
101 100
85 47.1 0.0 95.2
151 76.5 0.0 142.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

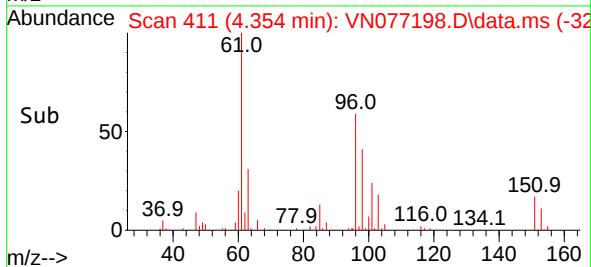
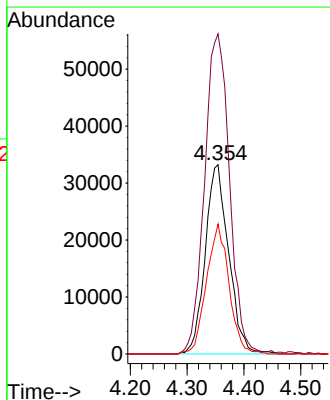
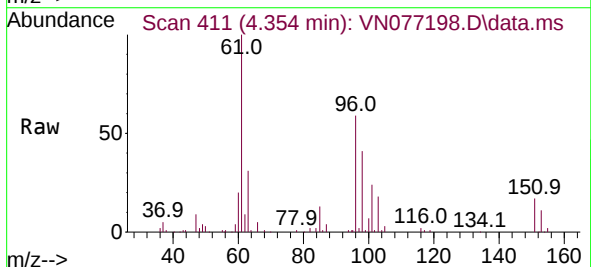
03/28/2023
Supervised By :Semsettin
Yesilyurt

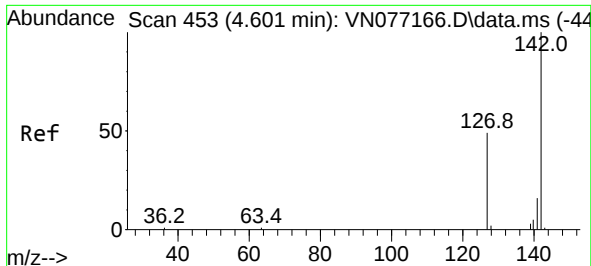
03/28/2023



#10
1,1-Dichloroethene
Concen: 21.401 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

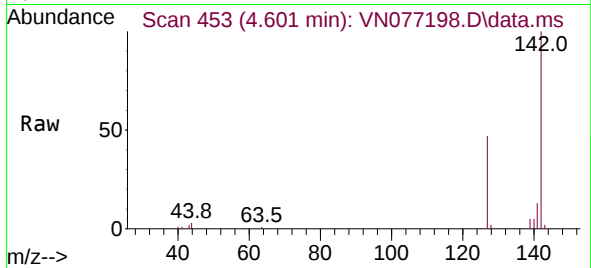
Tgt Ion: 96 Resp: 95331
Ion Ratio Lower Upper
96 100
61 169.0 137.1 205.7
98 68.7 53.2 79.8





#11
Methyl Iodide
Concen: 23.908 ug/l
RT: 4.601 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



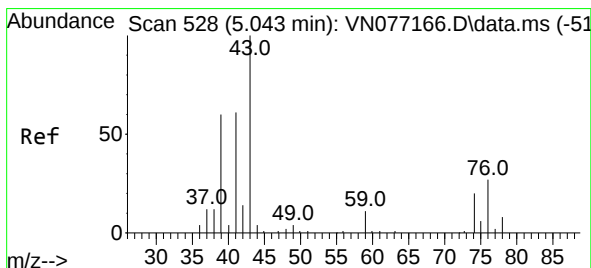
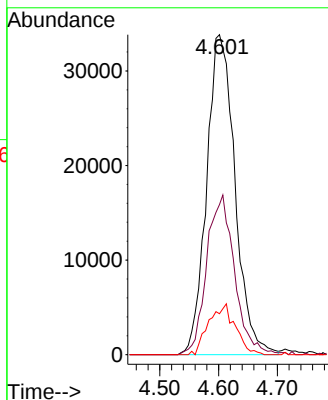
Tgt Ion:142 Resp: 11342
Ion Ratio Lower Upper
142 100
127 46.8 25.0 75.0
141 12.9 8.0 24.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

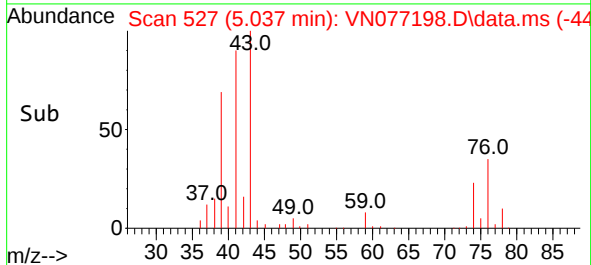
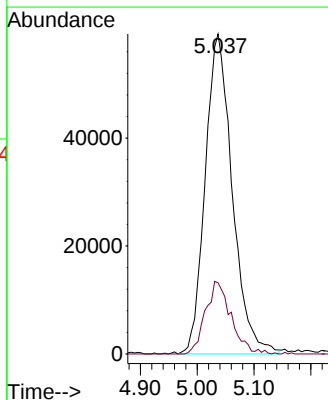
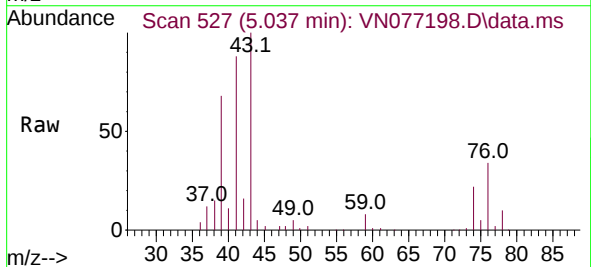
03/28/2023
Supervised By :Semsettin
Yesilyurt

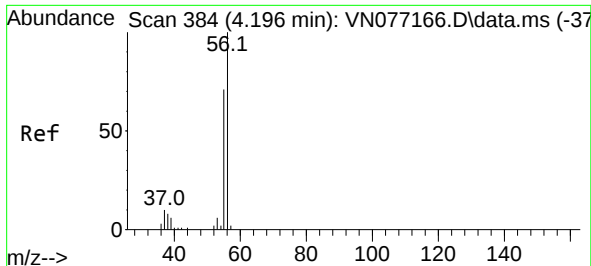
03/28/2023



#12
Methyl Acetate
Concen: 20.399 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion: 43 Resp: 195949
Ion Ratio Lower Upper
43 100
74 22.4 19.0 28.4





#13

Acrolein

Concen: 0.387 ug/l

RT: 4.325 min Scan# 406

Delta R.T. 0.129 min

Lab File: VN077198.D

Acq: 27 Mar 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

Tgt Ion: 56	Resp: 504
Ion Ratio	Lower Upper
56 100	
55 70.4	55.0 82.4

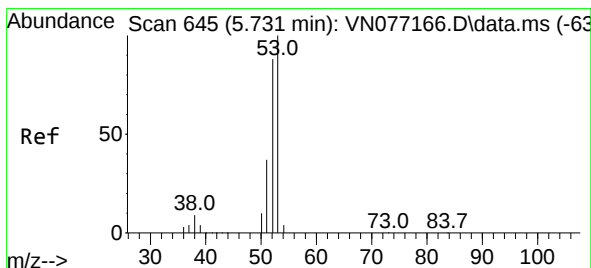
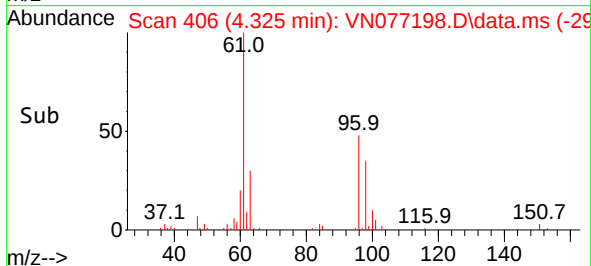
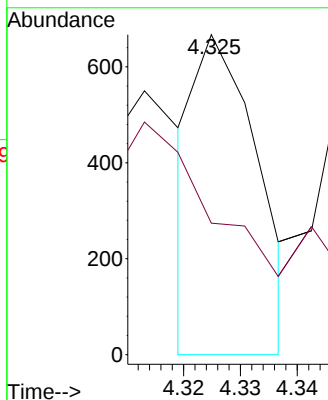
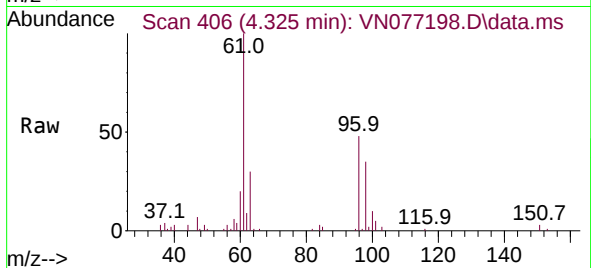
Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/28/2023

Supervised By :Semsettin
Yesilyurt

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#14

Acrylonitrile

Concen: 102.254 ug/l

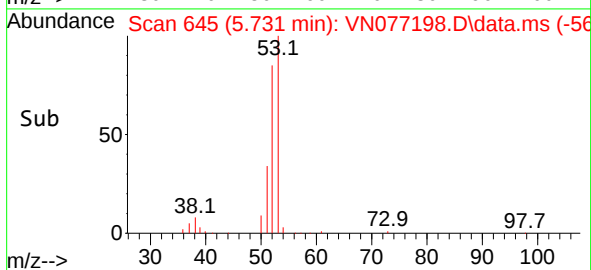
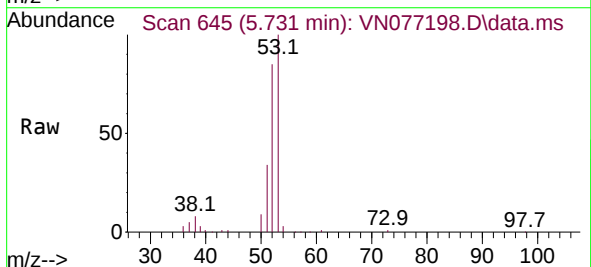
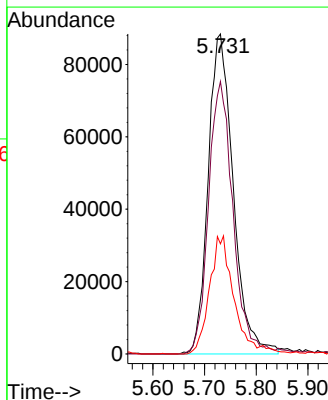
RT: 5.731 min Scan# 645

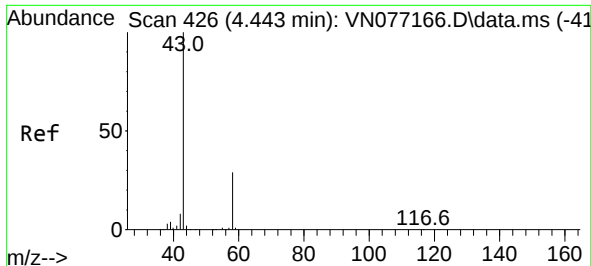
Delta R.T. -0.000 min

Lab File: VN077198.D

Acq: 27 Mar 2023 12:24

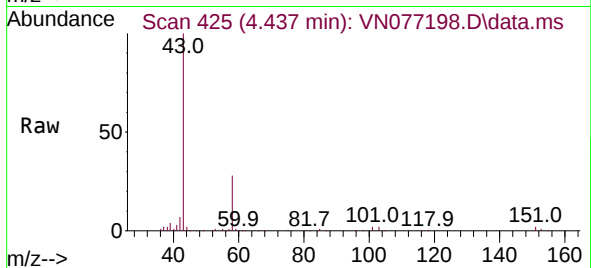
Tgt Ion: 53	Resp: 297948
Ion Ratio	Lower Upper
53 100	
52 81.2	41.5 124.6
51 34.8	17.6 52.8





#15
Acetone
Concen: 128.364 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



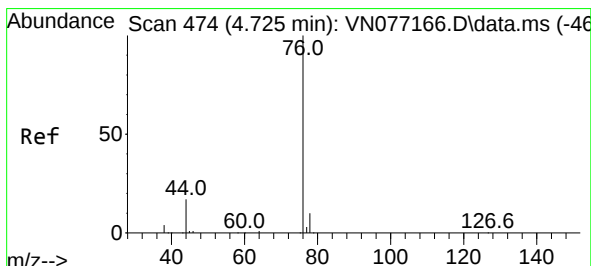
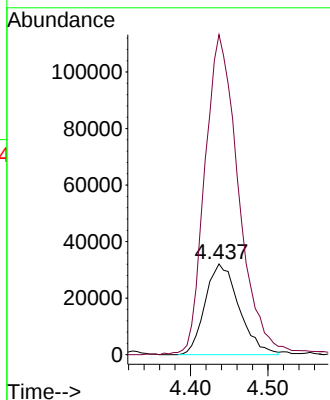
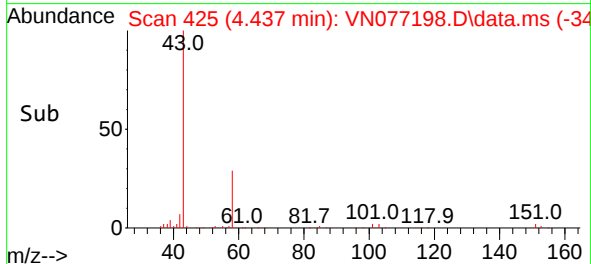
Tgt Ion: 58 Resp: 97799
Ion Ratio Lower Upper
58 100
43 350.0 255.4 383.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

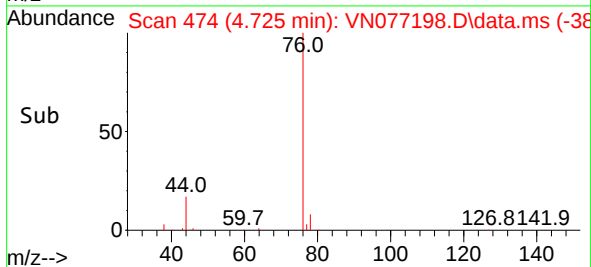
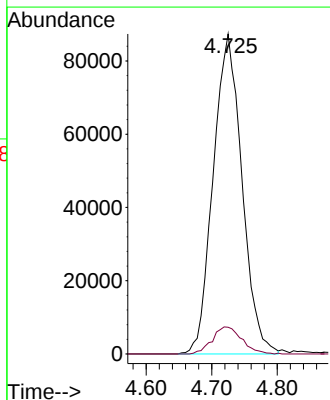
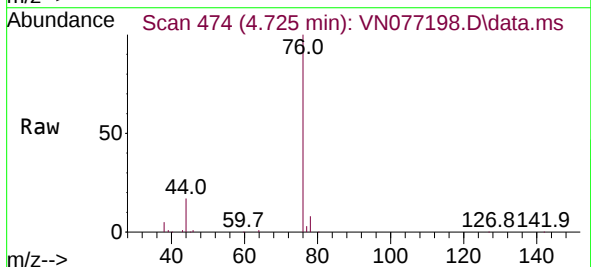
03/28/2023
Supervised By :Semsettin
Yesilyurt

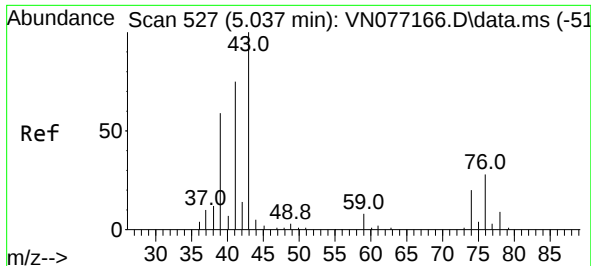
03/28/2023



#16
Carbon Disulfide
Concen: 21.136 ug/l
RT: 4.725 min Scan# 474
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

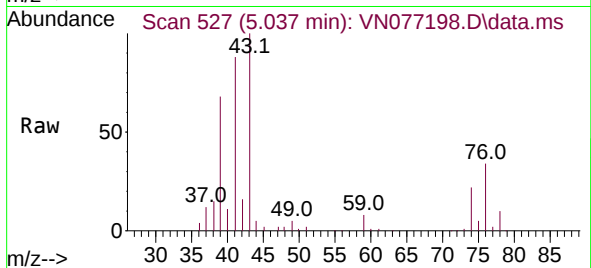
Tgt Ion: 76 Resp: 265908
Ion Ratio Lower Upper
76 100
78 8.4 6.6 9.8





#17
 Allyl chloride
 Concen: 21.590 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077198.D
 Acq: 27 Mar 2023 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01



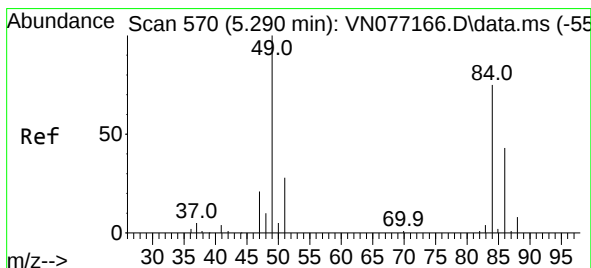
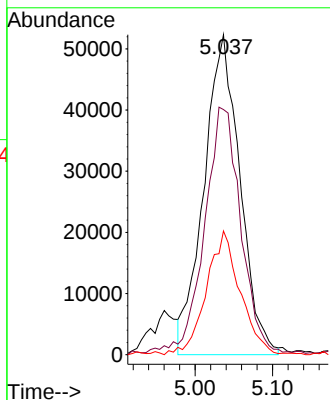
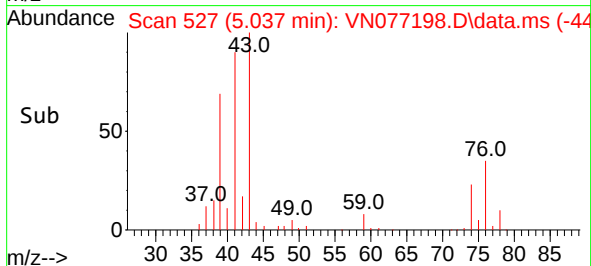
Tgt Ion: 41 Resp: 16915
 Ion Ratio Lower Upper
 41 100
 39 76.5 34.8 104.3
 76 39.1 17.5 52.5

Manual Integrations
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Reviewed By :John
 Carlone

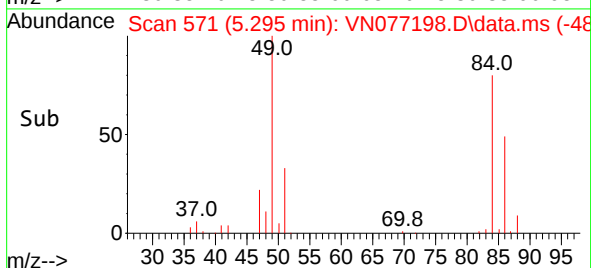
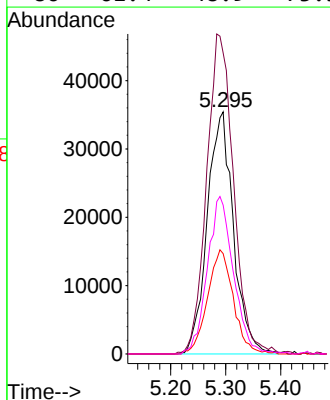
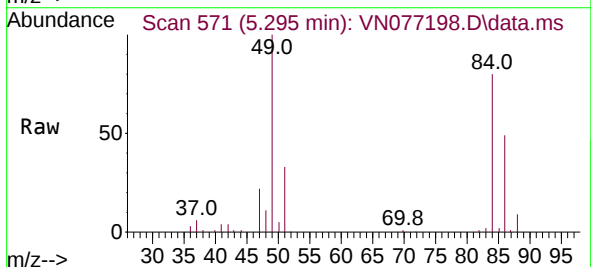
03/28/2023
 Supervised By :Semsettin
 Yesilyurt

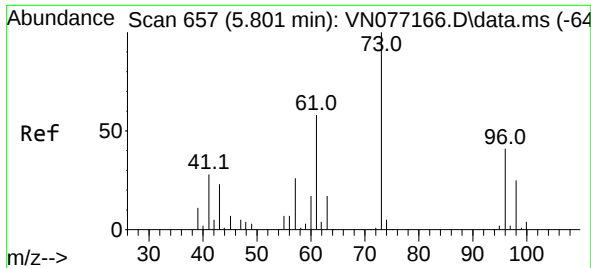
03/28/2023



#18
 Methylene Chloride
 Concen: 21.429 ug/l
 RT: 5.295 min Scan# 571
 Delta R.T. 0.005 min
 Lab File: VN077198.D
 Acq: 27 Mar 2023 12:24

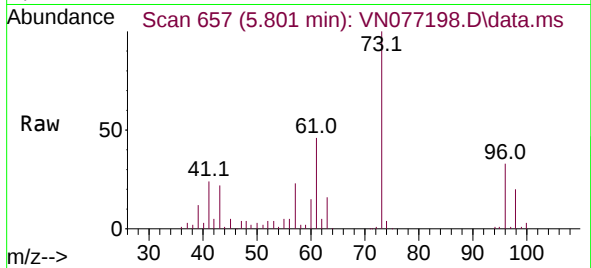
Tgt Ion: 84 Resp: 117314
 Ion Ratio Lower Upper
 84 100
 49 123.7 113.8 170.6
 51 41.4 34.2 51.4
 86 61.4 48.9 73.3





#19
trans-1,2-Dichloroethene
Concen: 21.885 ug/l
RT: 5.801 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



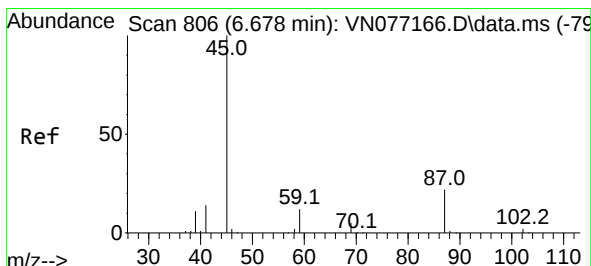
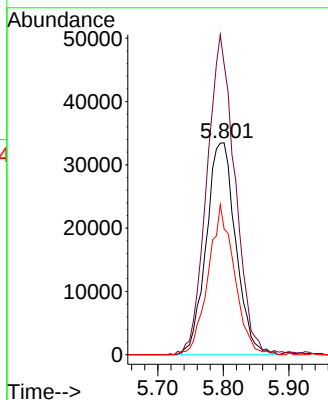
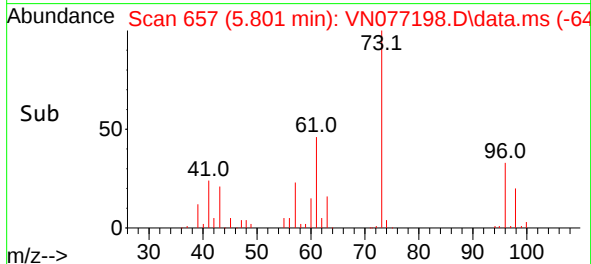
Tgt Ion: 96 Resp: 10444
Ion Ratio Lower Upper
96 100
61 135.8 111.0 166.4
98 59.3 55.0 82.6

Manual Integrations
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Reviewed By :John
Carlone

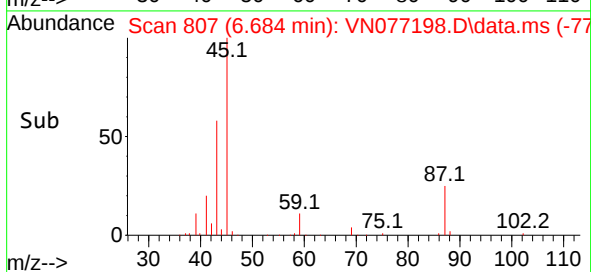
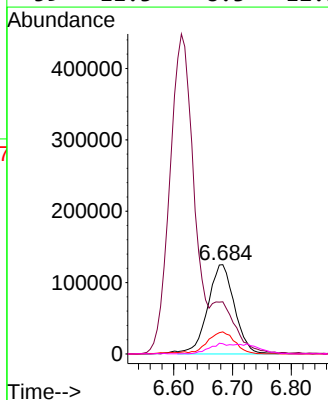
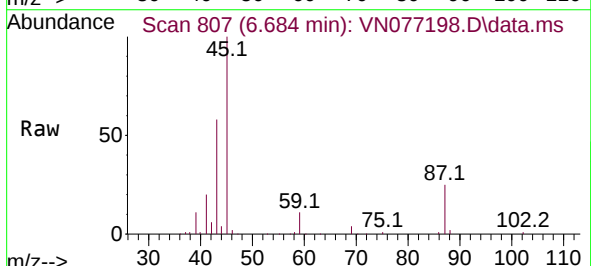
03/28/2023
Supervised By :Semsettin
Yesilyurt

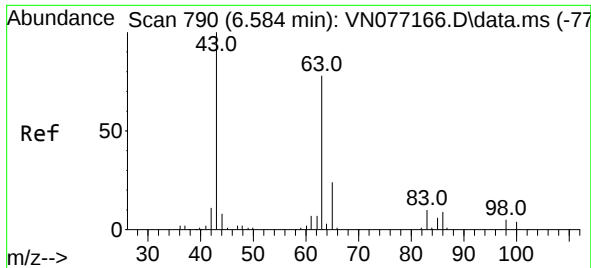
03/28/2023



#20
Diisopropyl ether
Concen: 22.183 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

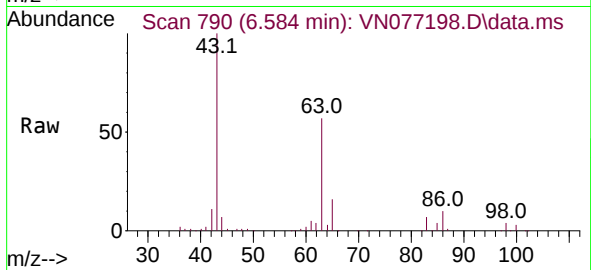
Tgt Ion: 45 Resp: 393717
Ion Ratio Lower Upper
45 100
43 57.4 38.6 58.0
87 24.6 20.1 30.1
59 11.3 8.3 12.5





#21
1,1-Dichloroethane
Concen: 21.685 ug/l
RT: 6.584 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



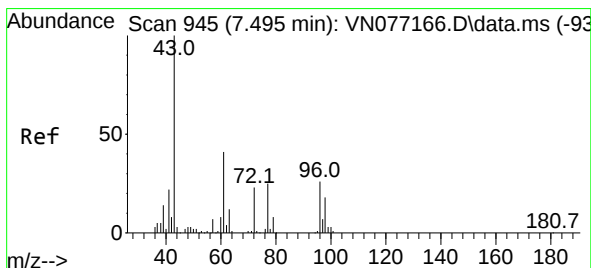
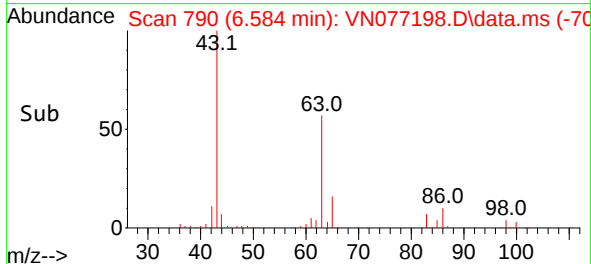
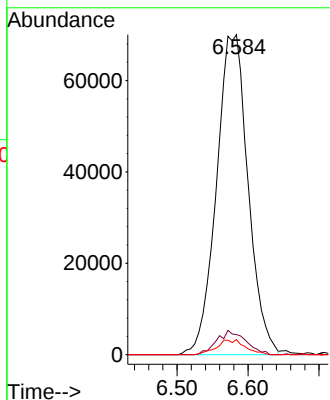
Tgt Ion: 63 Resp: 216682
Ion Ratio Lower Upper
63 100
98 6.3 3.6 10.9
100 4.7 2.6 7.8

Manual Integrations
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Reviewed By :John
Carlone

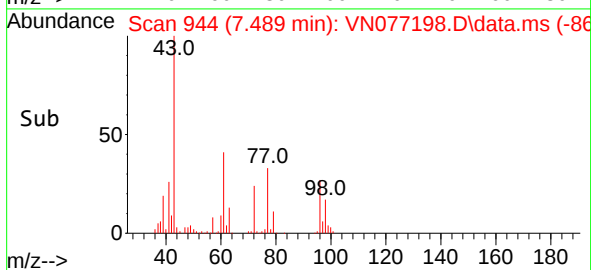
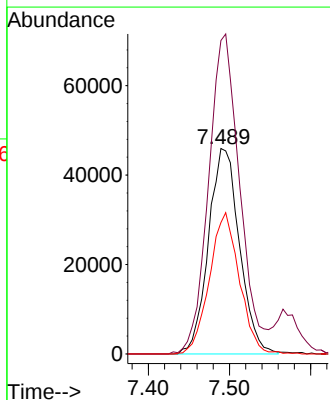
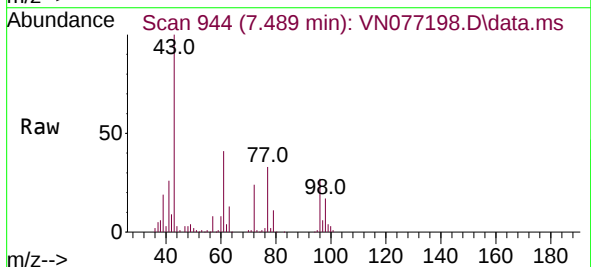
03/28/2023
Supervised By :Semsettin
Yesilyurt

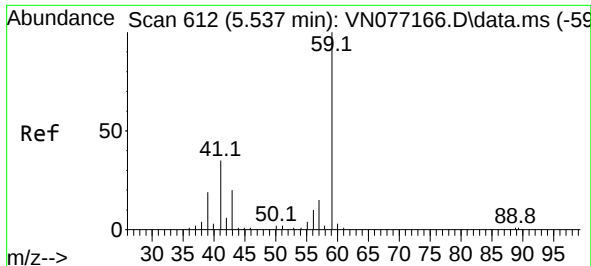
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#22
cis-1,2-Dichloroethene
Concen: 21.664 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

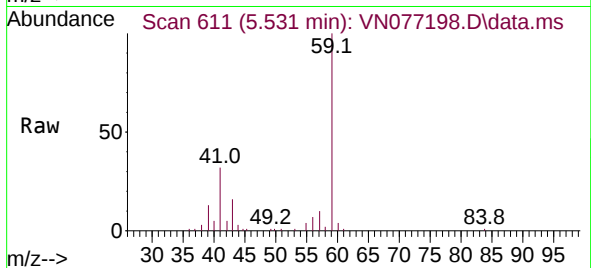
Tgt Ion: 96 Resp: 122072
Ion Ratio Lower Upper
96 100
61 156.7 121.0 181.4
98 66.1 50.1 75.1





#23
tert-Butyl Alcohol
Concen: 99.311 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



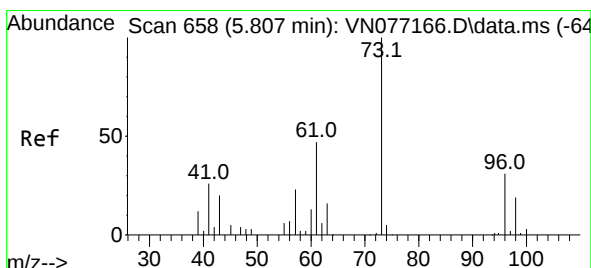
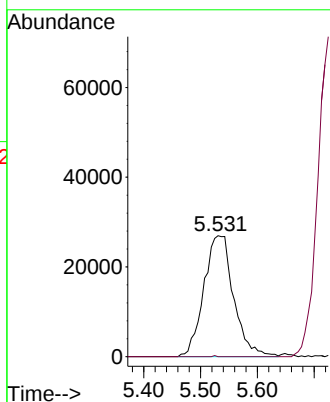
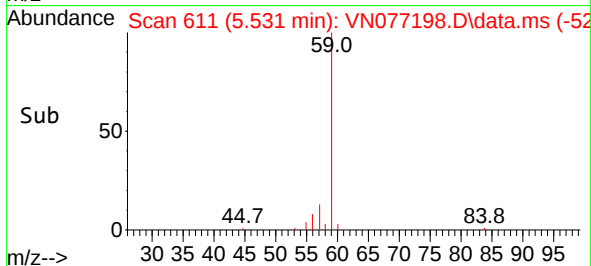
Tgt Ion: 59 Resp: 9822
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

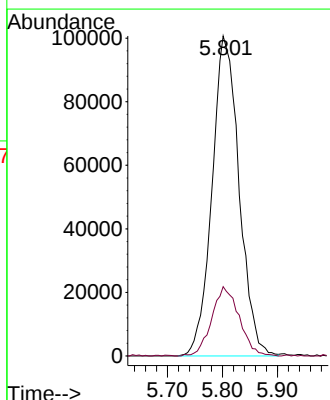
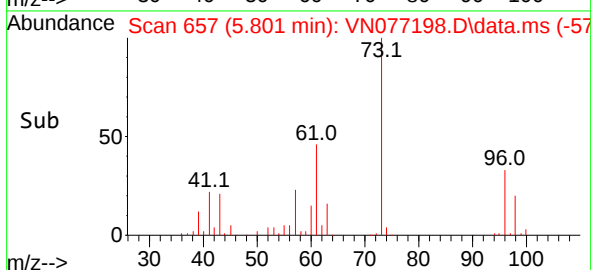
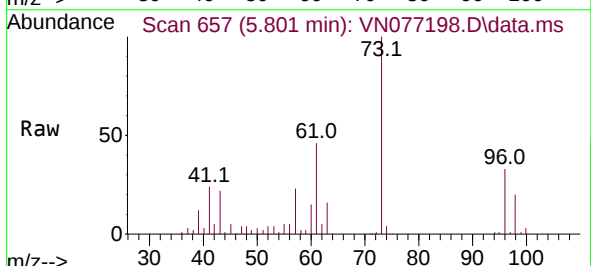
03/28/2023
Supervised By :Semsettin
Yesilyurt

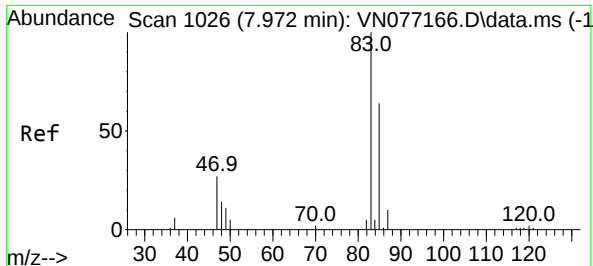
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#24
Methyl tert-Butyl Ether
Concen: 21.801 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion: 73 Resp: 344790
Ion Ratio Lower Upper
73 100
43 21.8 17.8 26.6





#25

Chloroform

Concen: 21.618 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077198.D

Acq: 27 Mar 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

Tgt Ion: 83 Resp: 211349

Ion Ratio Lower Upper

83 100

85 64.7 51.8 77.6

Manual Integrations

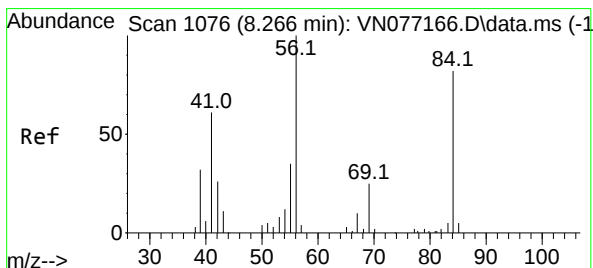
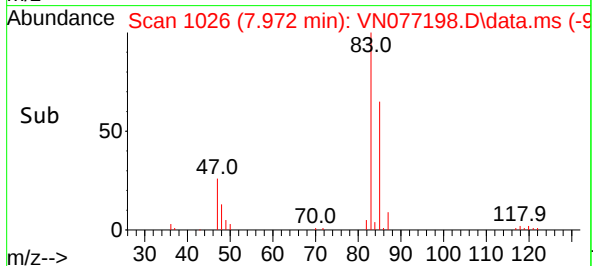
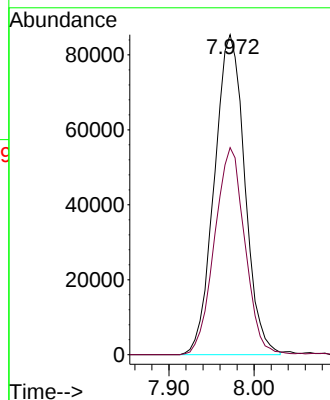
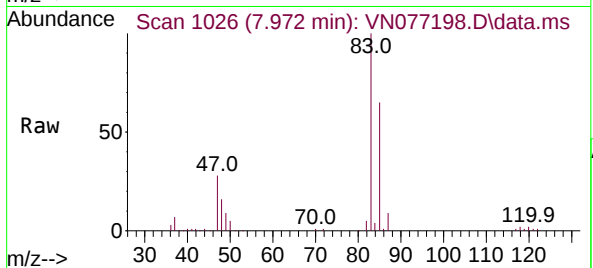
APPROVED

Reviewed By :John
Carlone

03/28/2023

Supervised By :Semsettin
Yesilyurt

03/28/2023



#26

Cyclohexane

Concen: 21.596 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN077198.D

Acq: 27 Mar 2023 12:24

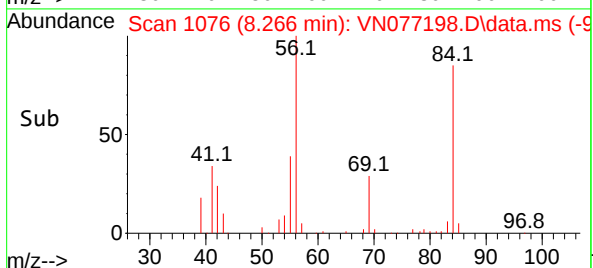
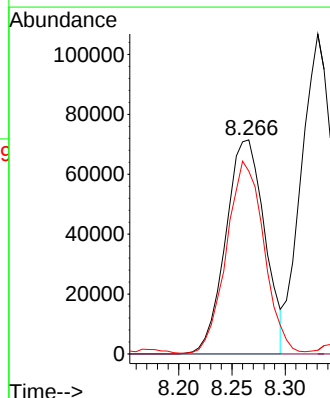
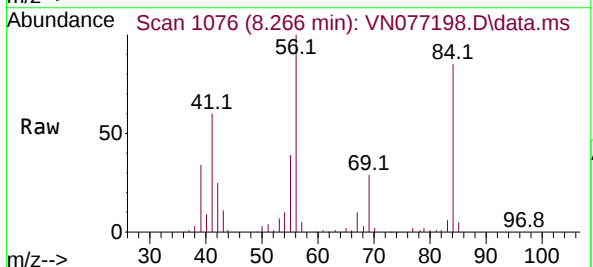
Tgt Ion: 56 Resp: 182005

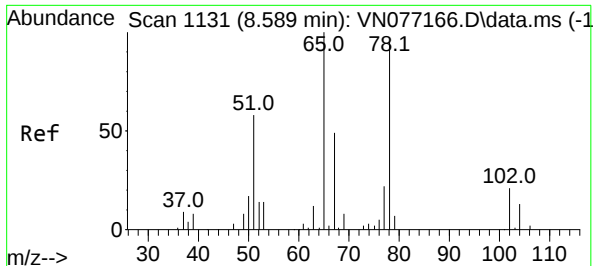
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.0 65.3 97.9





#27
1,2-Dichloroethane-d4
Concen: 30.162 ug/l
RT: 8.583 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

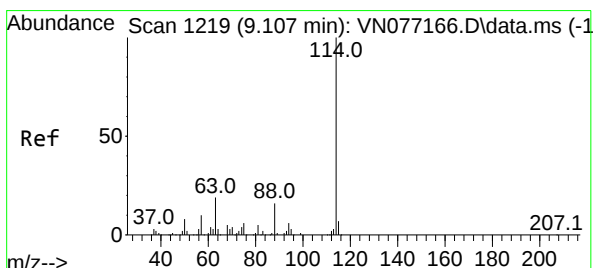
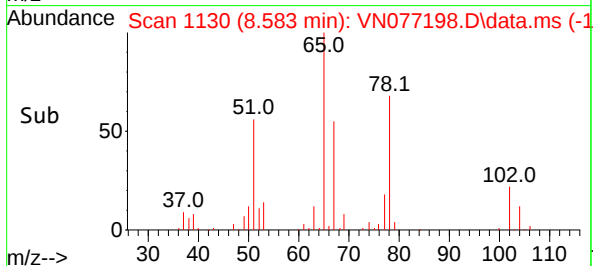
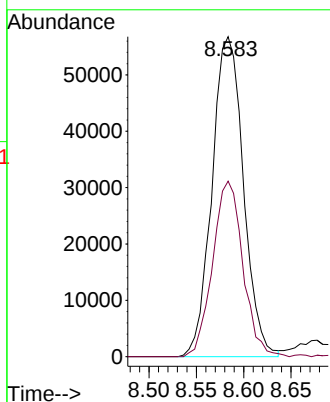
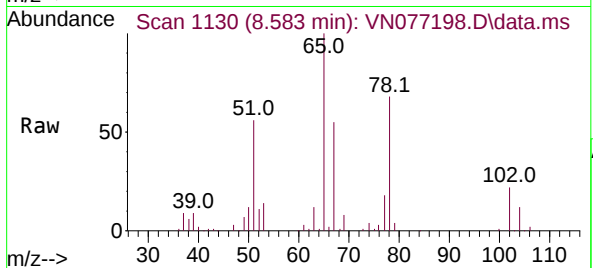
Tgt Ion: 65 Resp: 131132
Ion Ratio Lower Upper
65 100
67 52.7 40.9 61.3

Manual Integrations
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Reviewed By :John
Carlone

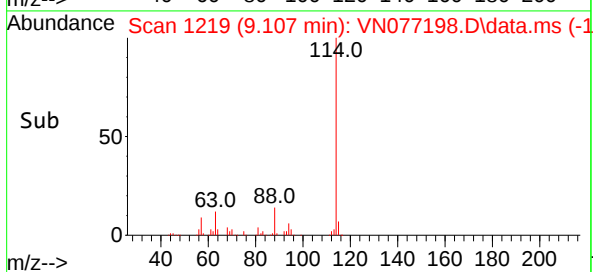
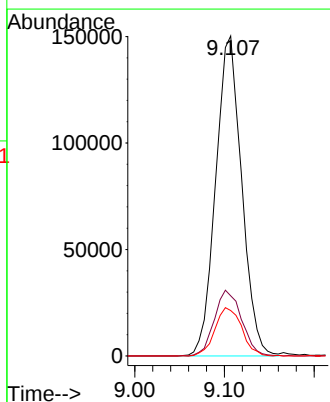
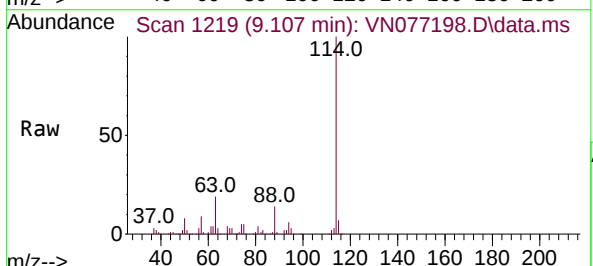
03/28/2023
Supervised By :Semsettin
Yesilyurt

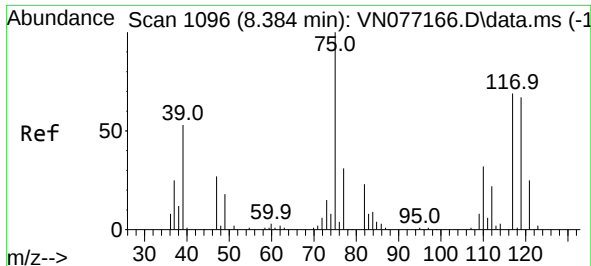
03/28/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

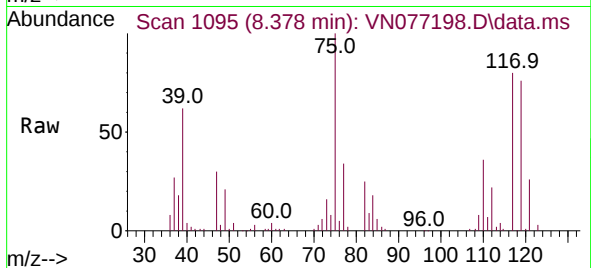
Tgt Ion:114 Resp: 301953
Ion Ratio Lower Upper
114 100
63 21.5 17.0 25.4
88 15.5 11.6 17.4





#29
1,1-Dichloropropene
Concen: 21.082 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



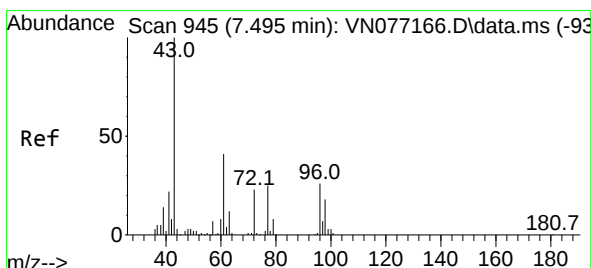
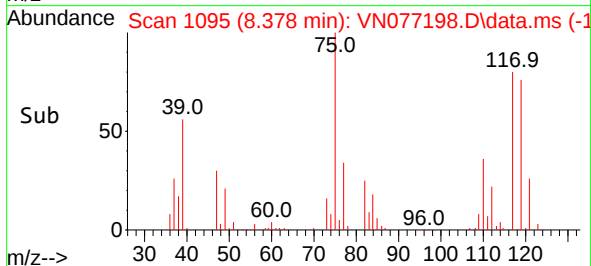
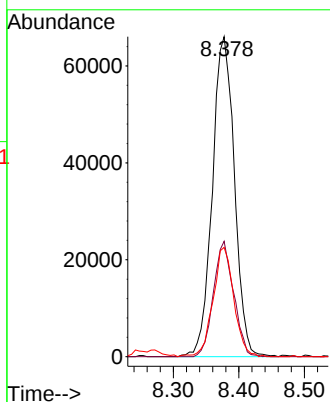
Tgt Ion: 75 Resp: 154420
Ion Ratio Lower Upper
75 100
110 32.9 0.0 67.2
77 31.8 0.0 64.4

Manual Integrations
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Reviewed By :John
Carlone

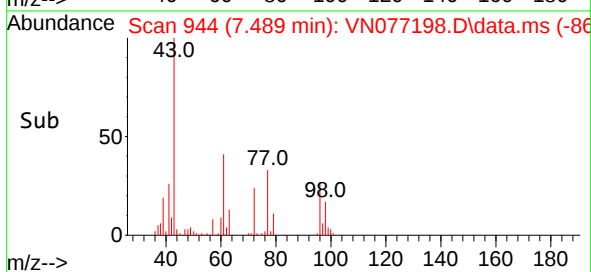
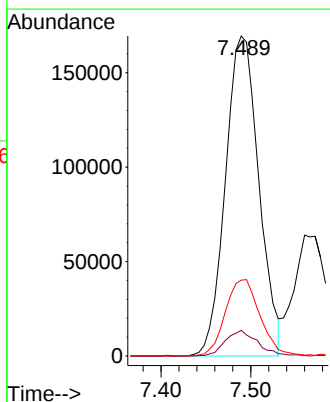
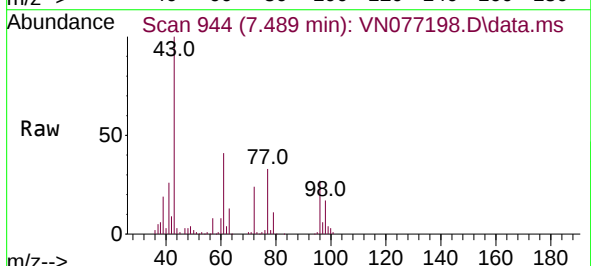
03/28/2023
Supervised By :Semsettin
Yesilyurt

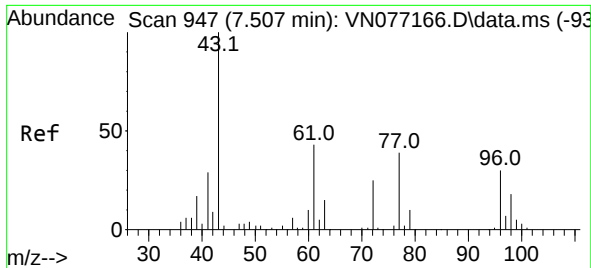
03/28/2023



#30
2-Butanone
Concen: 103.868 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

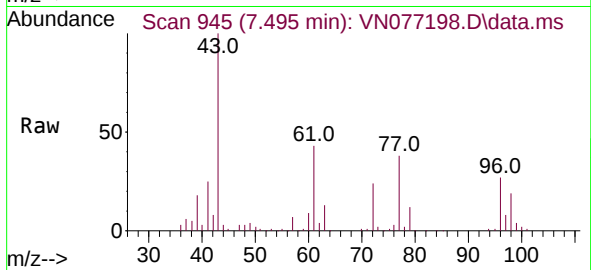
Tgt Ion: 43 Resp: 438918
Ion Ratio Lower Upper
43 100
57 7.6 6.1 9.1
72 24.8 20.2 30.4





#31
2,2-Dichloropropane
Concen: 25.464 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.012 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



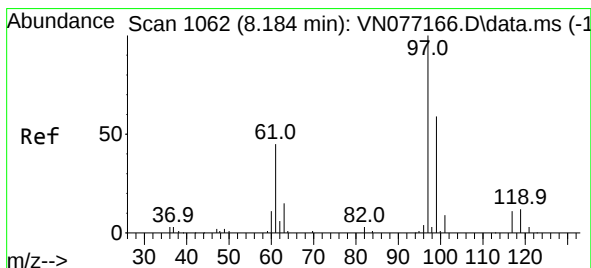
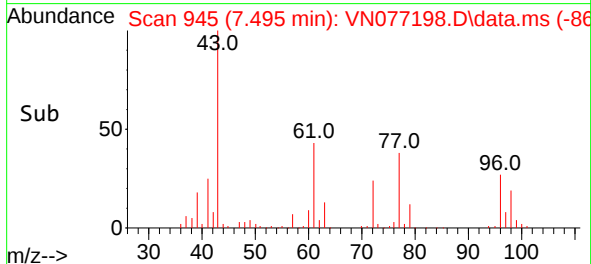
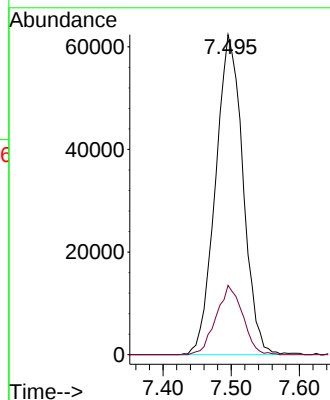
Tgt Ion: 77 Resp: 17472
Ion Ratio Lower Upper
77 100
97 20.9 7.2 10.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

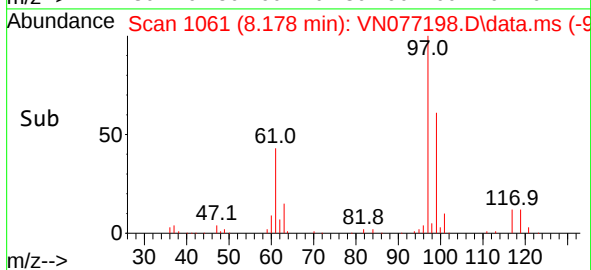
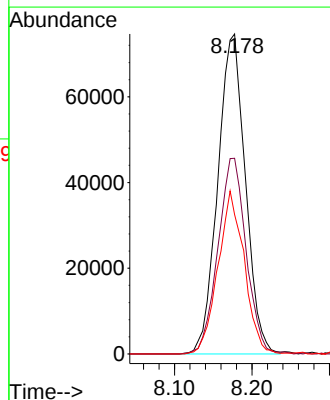
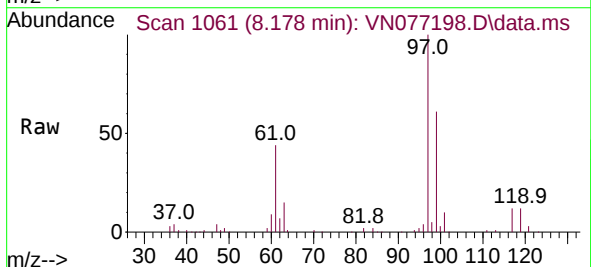
03/28/2023
Supervised By :Semsetin
Yesilyurt

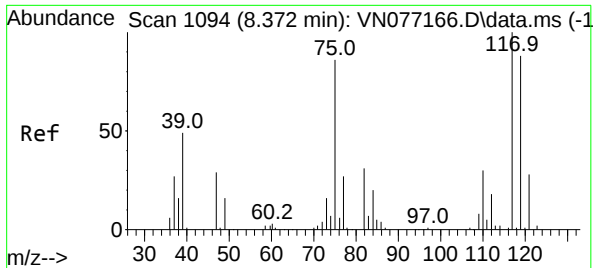
03/28/2023



#32
1,1,1-Trichloroethane
Concen: 20.938 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

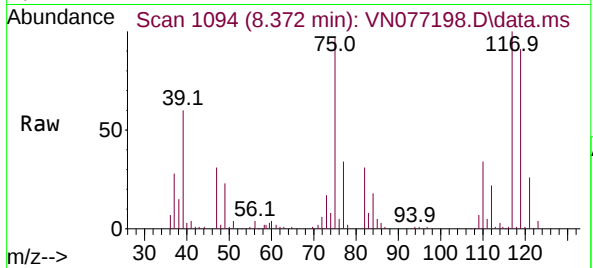
Tgt Ion: 97 Resp: 184918
Ion Ratio Lower Upper
97 100
99 62.3 51.8 77.8
61 48.4 39.3 58.9





#33
Carbon Tetrachloride
Concen: 21.443 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



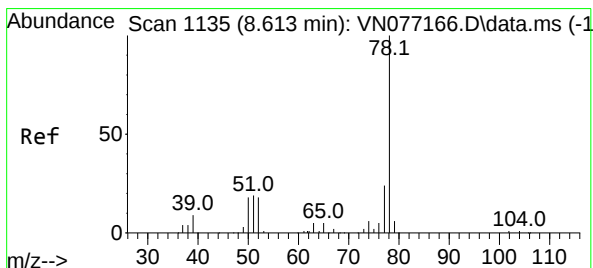
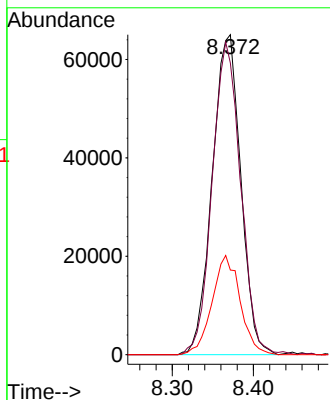
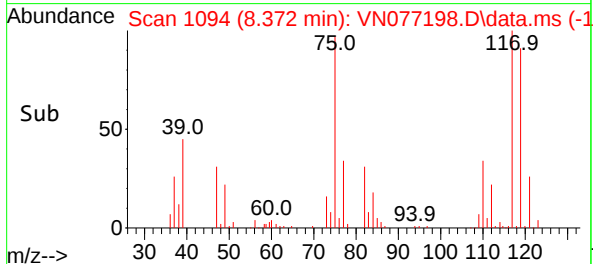
Tgt Ion:117 Resp: 159094
Ion Ratio Lower Upper
117 100
119 91.2 79.8 119.8
121 26.5 23.4 35.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

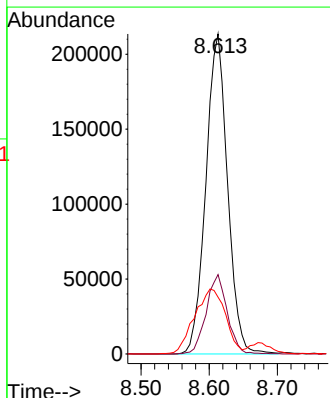
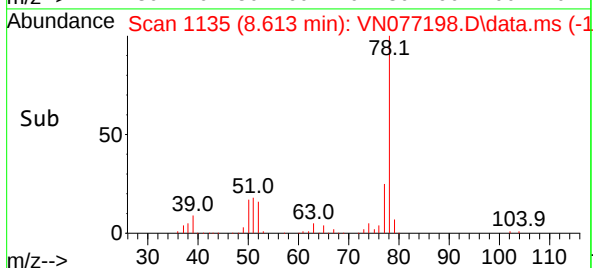
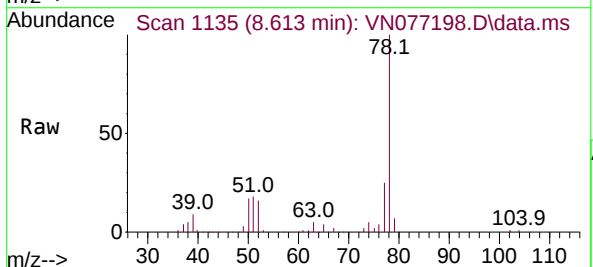
03/28/2023
Supervised By :Semsettin
Yesilyurt

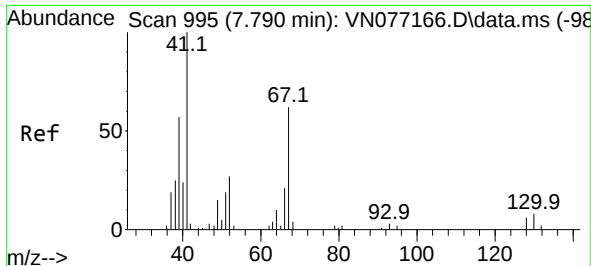
03/28/2023



#34
Benzene
Concen: 21.082 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

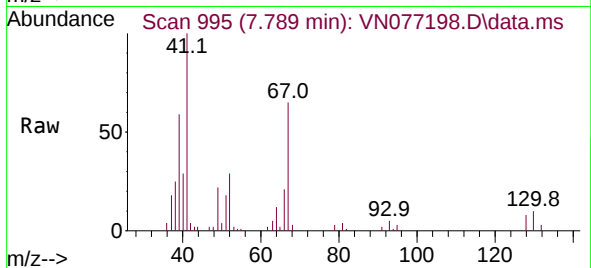
Tgt Ion: 78 Resp: 473361
Ion Ratio Lower Upper
78 100
77 24.7 17.4 26.2
51 17.0 13.8 20.6





#35
Methacrylonitrile
Concen: 19.926 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



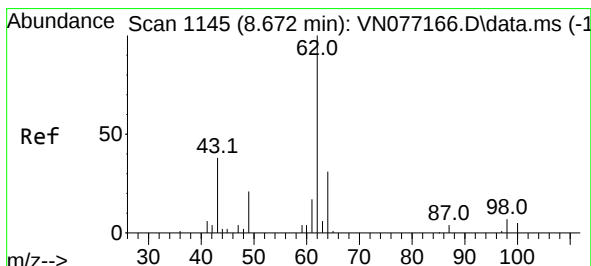
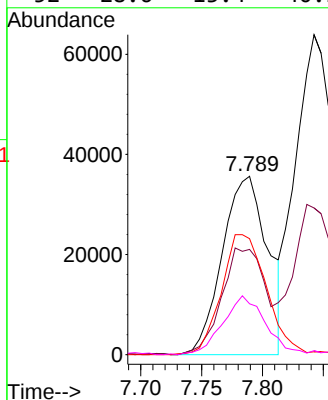
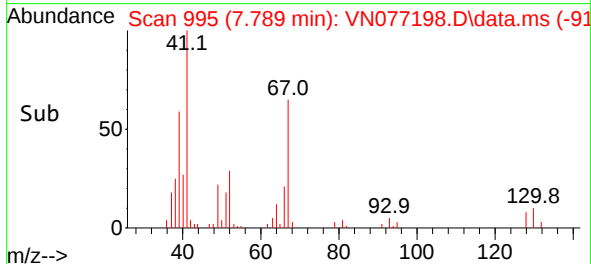
Tgt Ion: 41 Resp: 9243
Ion Ratio Lower Upper
41 100
39 59.0 26.6 79.7
67 64.6 32.3 96.9
52 28.6 13.4 40.1

Manual Integrations
APPROVED

Reviewed By :John
Carlone

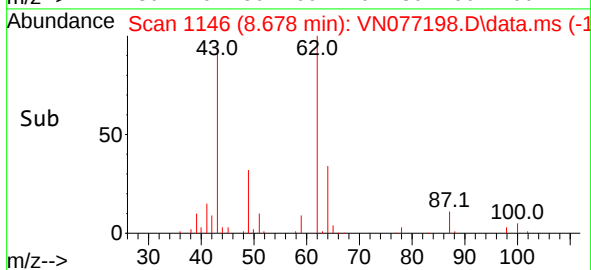
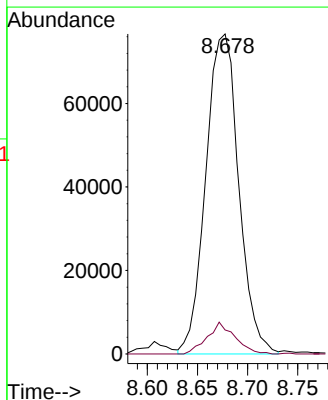
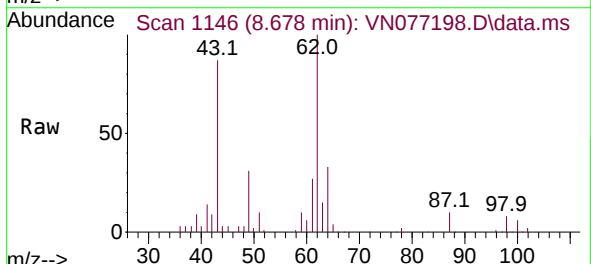
03/28/2023
Supervised By :Semsettin
Yesilyurt

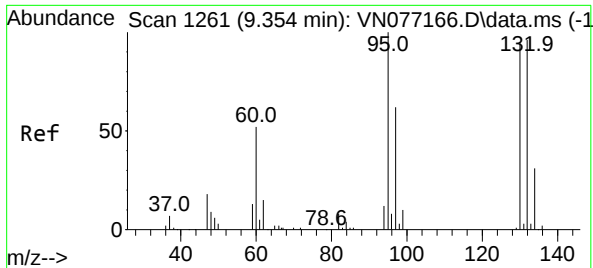
03/28/2023



#36
1,2-Dichloroethane
Concen: 21.182 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

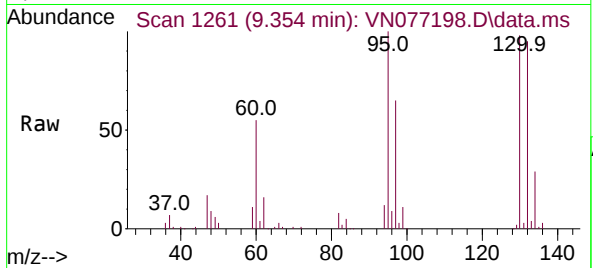
Tgt Ion: 62 Resp: 175339
Ion Ratio Lower Upper
62 100
98 8.4 7.4 11.0





#37
Trichloroethene
Concen: 20.862 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



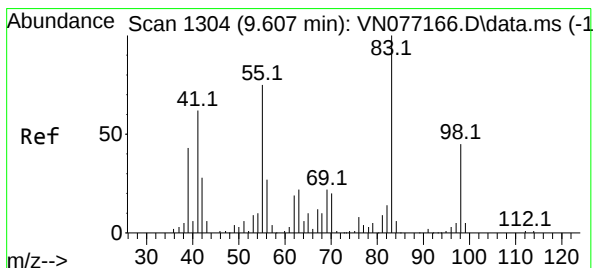
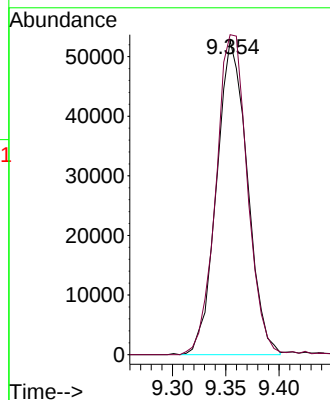
Tgt Ion:130 Resp: 105899
Ion Ratio Lower Upper
130 100
95 101.9 78.7 118.1

Manual Integrations
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Reviewed By :John
Carlone

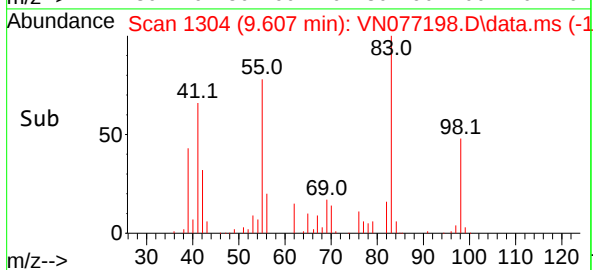
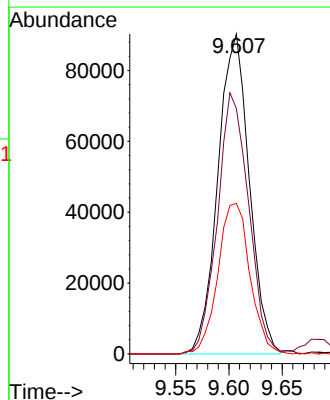
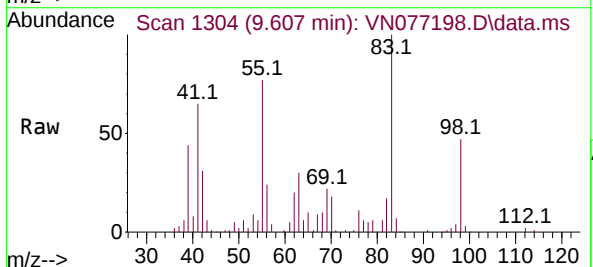
03/28/2023
Supervised By :Semsettin
Yesilyurt

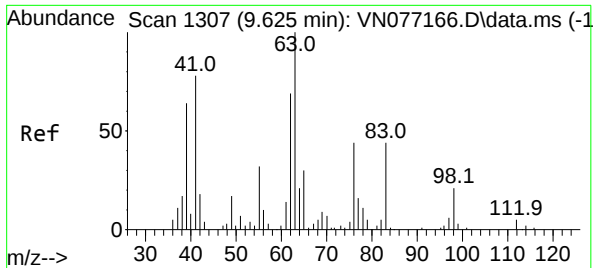
03/28/2023



#38
Methylcyclohexane
Concen: 21.227 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

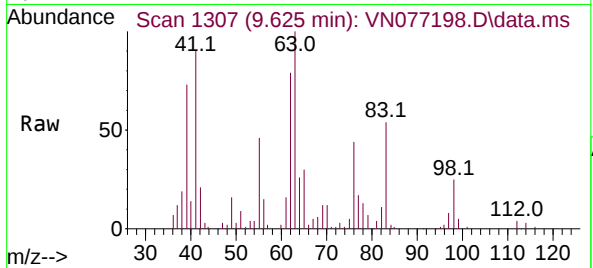
Tgt Ion: 83 Resp: 185093
Ion Ratio Lower Upper
83 100
55 81.3 37.6 112.9
98 48.1 24.1 72.4





#39
1,2-Dichloropropane
Concen: 20.821 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



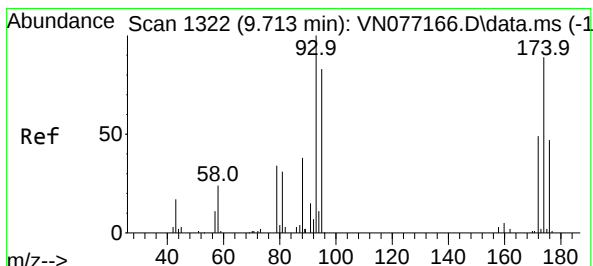
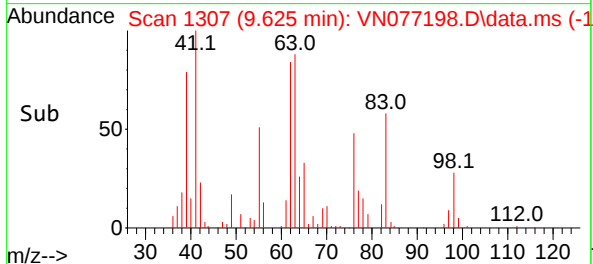
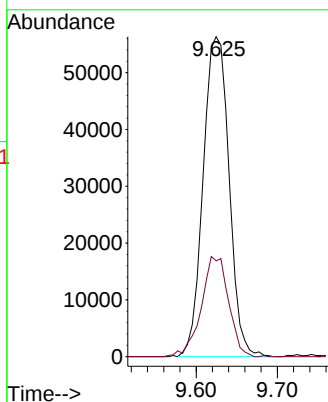
Tgt Ion: 63 Resp: 125152
Ion Ratio Lower Upper
63 100
65 29.9 27.2 40.8

Manual Integrations
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Reviewed By :John
Carlone

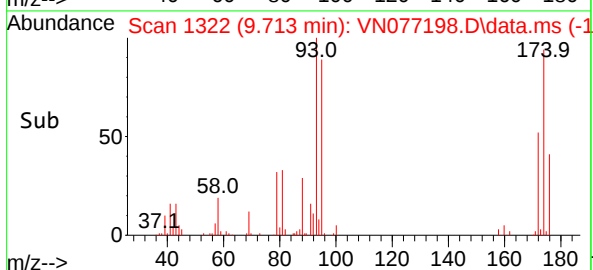
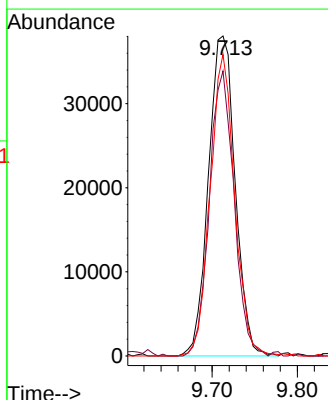
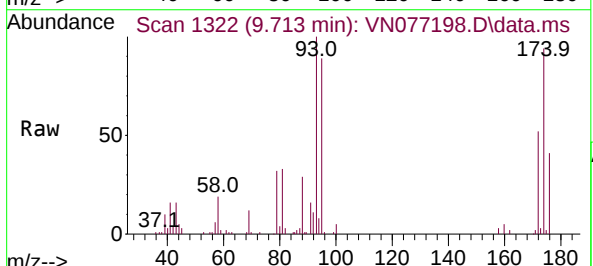
03/28/2023
Supervised By :Semsettin
Yesilyurt

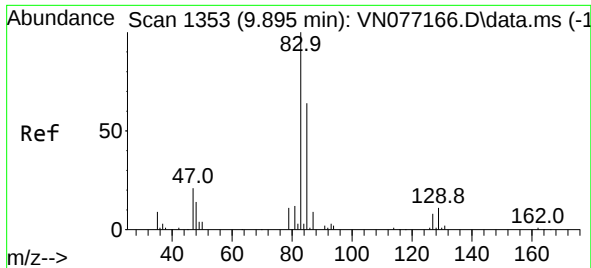
03/28/2023



#40
Dibromomethane
Concen: 21.589 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

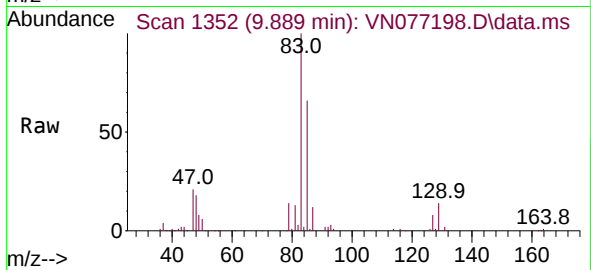
Tgt Ion: 93 Resp: 82985
Ion Ratio Lower Upper
93 100
95 82.2 0.0 158.0
174 86.4 0.0 171.2





#41
Bromodichloromethane
Concen: 20.586 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



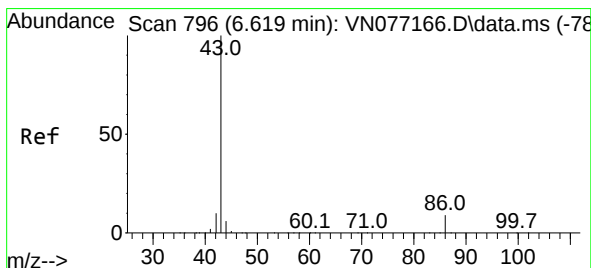
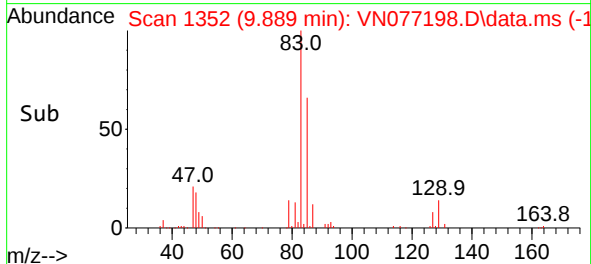
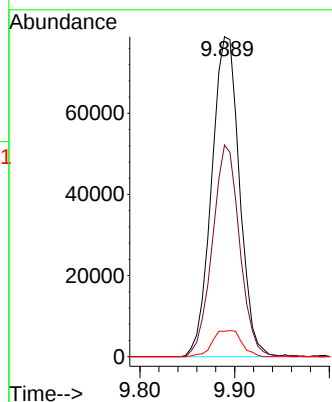
Tgt Ion: 83 Resp: 161135
Ion Ratio Lower Upper
83 100
85 66.2 51.0 76.4
127 7.9 6.2 9.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

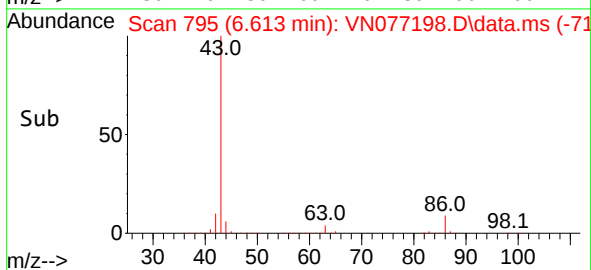
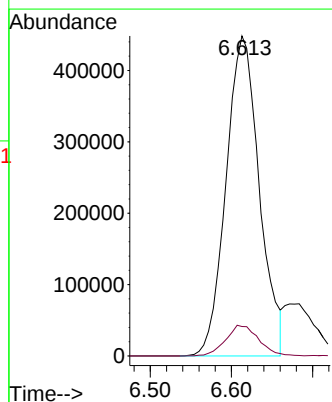
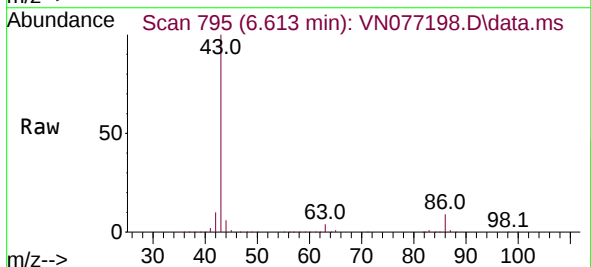
03/28/2023
Supervised By :Semsettin
Yesilyurt

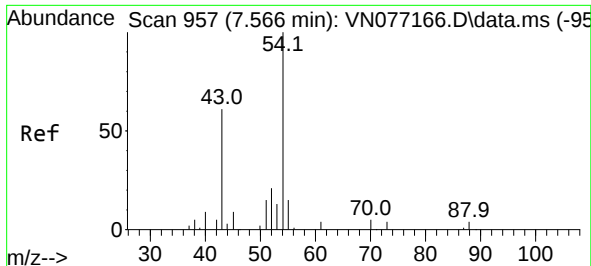
03/28/2023



#42
Vinyl Acetate
Concen: 100.846 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion: 43 Resp: 1277341
Ion Ratio Lower Upper
43 100
86 9.5 7.8 11.6





#43

Ethyl Acetate

Concen: 20.771 ug/l

RT: 7.560 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN077198.D

Acq: 27 Mar 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

Tgt Ion: 43 Resp: 17534

Ion Ratio Lower Upper

43 100

45 13.2 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :John

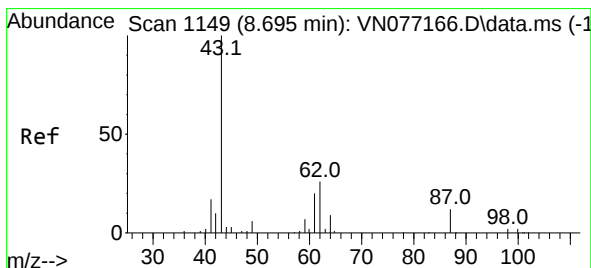
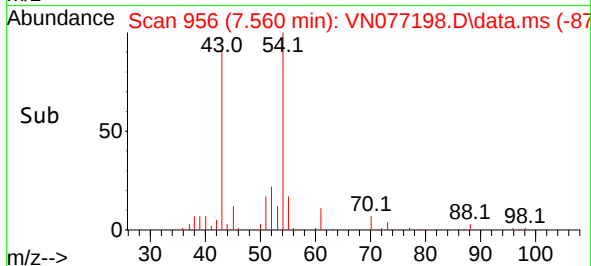
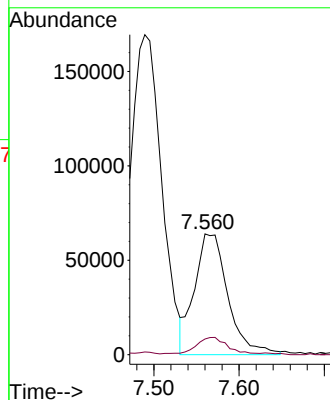
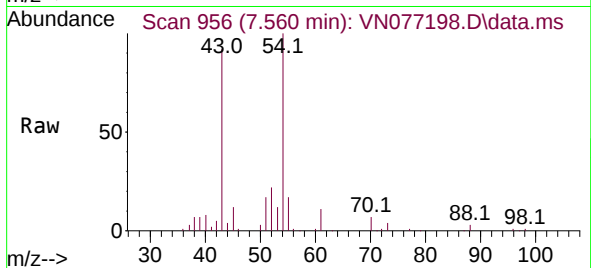
Carlone

03/28/2023

Supervised By :Semsettin

Yesilyurt

03/28/2023



#44

Isopropyl Acetate

Concen: 19.550 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077198.D

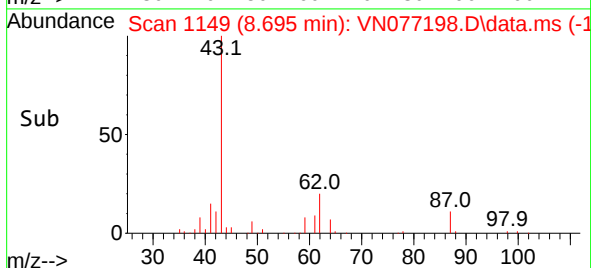
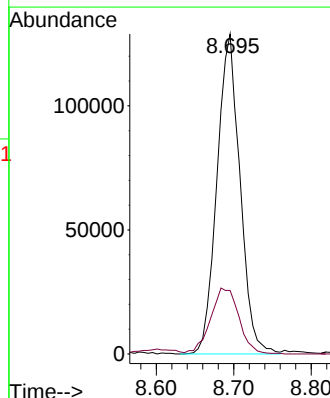
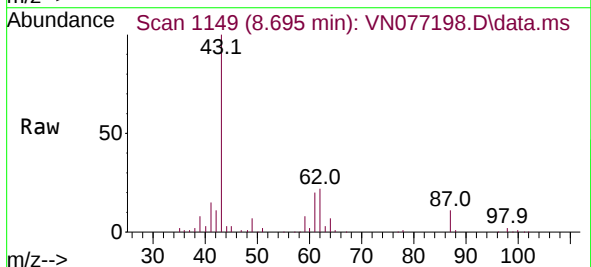
Acq: 27 Mar 2023 12:24

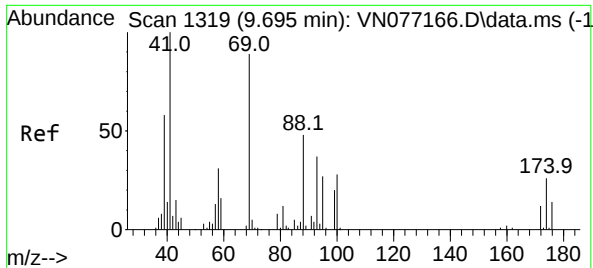
Tgt Ion: 43 Resp: 266346

Ion Ratio Lower Upper

43 100

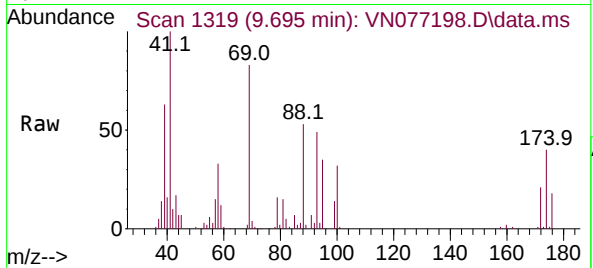
61 25.4 19.5 29.3





#45
1,4-Dioxane
Concen: 420.688 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



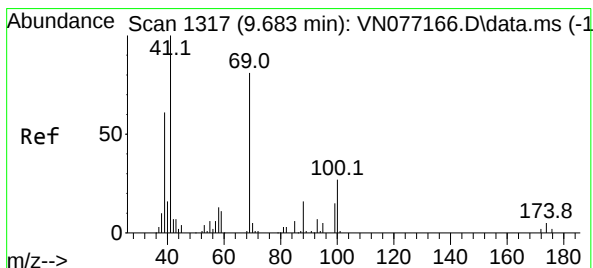
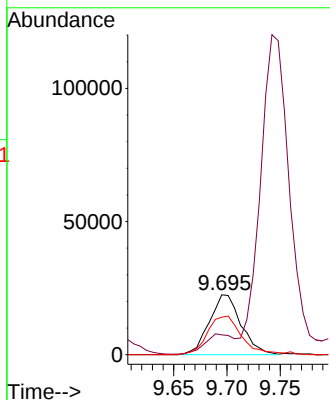
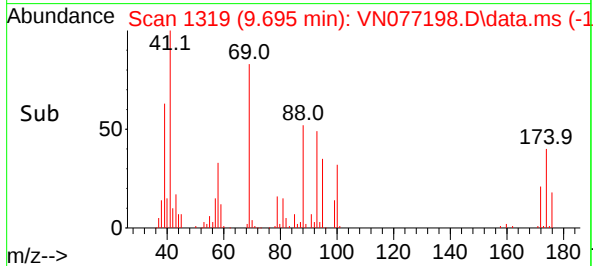
Tgt Ion: 88 Resp: 46602
Ion Ratio Lower Upper
88 100
43 29.7 26.0 39.0
58 69.1 54.3 81.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

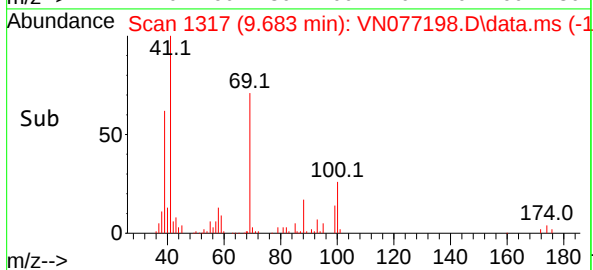
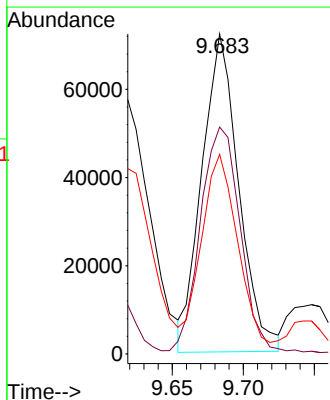
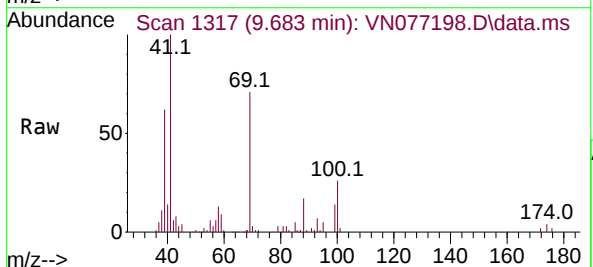
03/28/2023
Supervised By :Semsettin
Yesilyurt

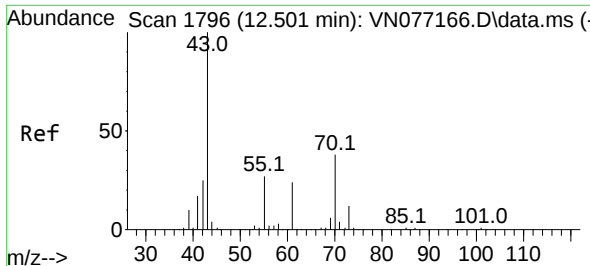
03/28/2023



#46
Methyl methacrylate
Concen: 20.719 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

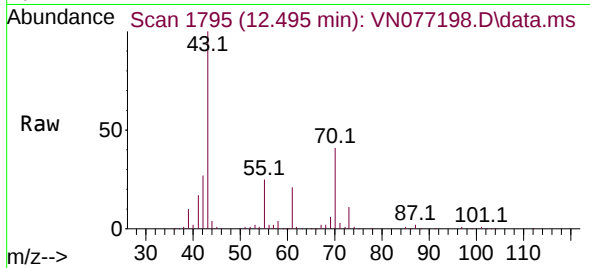
Tgt Ion: 41 Resp: 130143
Ion Ratio Lower Upper
41 100
69 73.5 40.6 121.7
39 61.8 30.5 91.5





#47
n-amyl acetate
Concen: 18.873 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



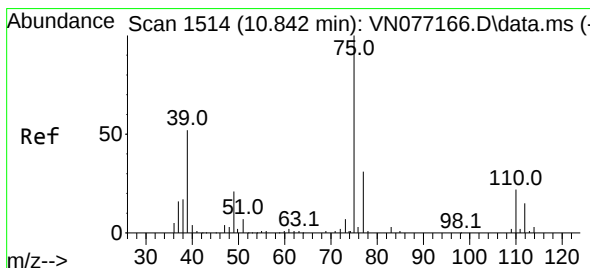
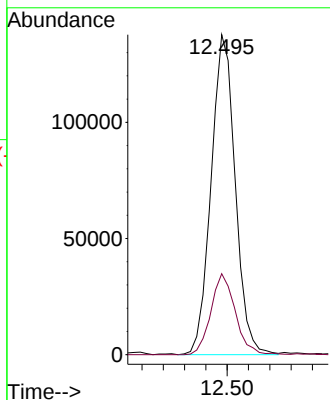
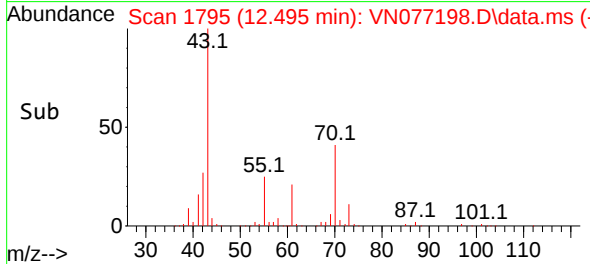
Tgt Ion: 43 Resp: 216310
Ion Ratio Lower Upper
43 100
55 25.6 18.3 27.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

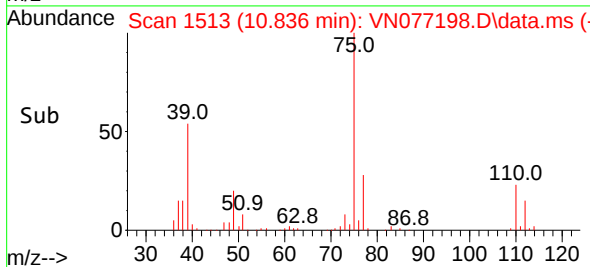
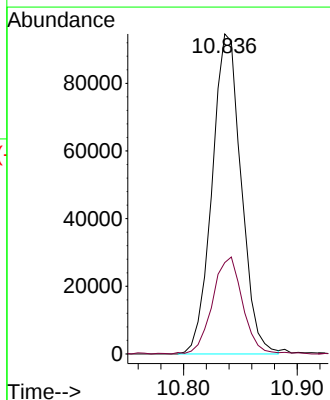
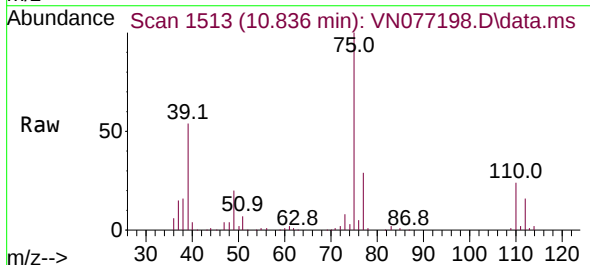
03/28/2023
Supervised By :Semsettin
Yesilyurt

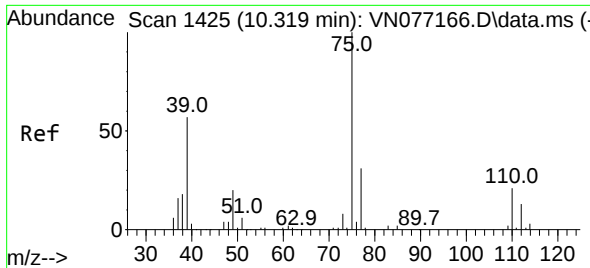
03/28/2023



#48
t-1,3-Dichloropropene
Concen: 21.162 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

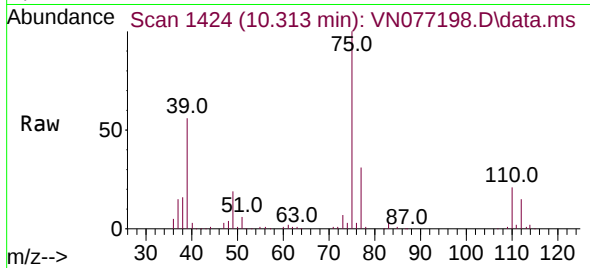
Tgt Ion: 75 Resp: 168249
Ion Ratio Lower Upper
75 100
77 28.1 25.4 38.2





#49
cis-1,3-Dichloropropene
Concen: 21.166 ug/l
RT: 10.313 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



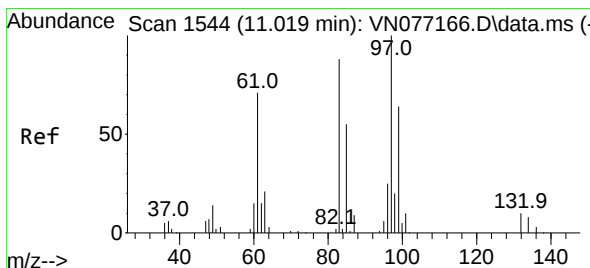
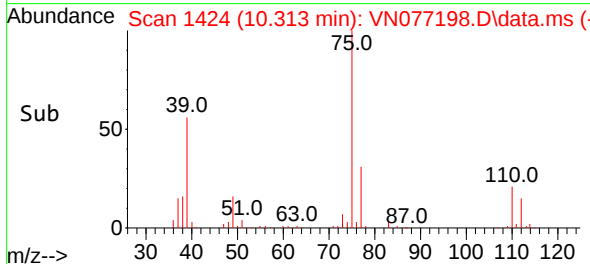
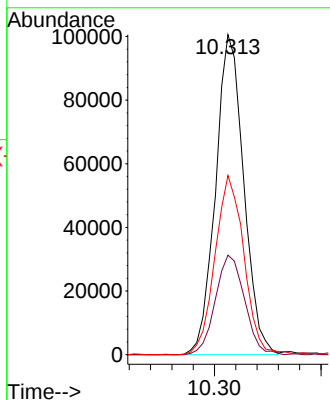
Tgt Ion: 75 Resp: 18422
Ion Ratio Lower Upper
75 100
77 31.1 27.5 41.3
39 56.0 43.5 65.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

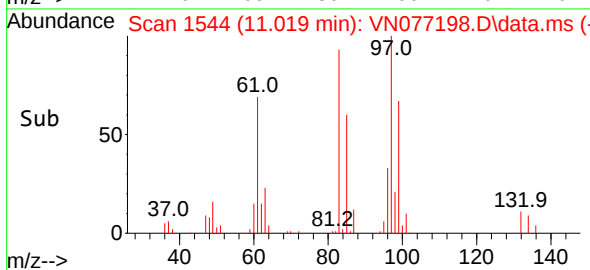
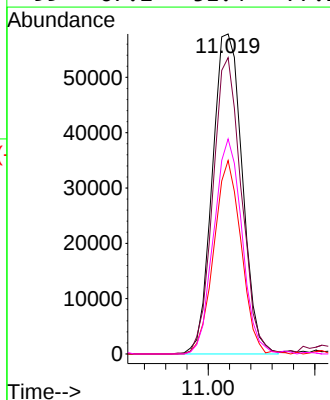
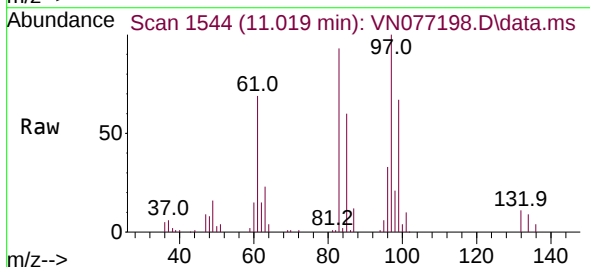
03/28/2023
Supervised By :Semsettin
Yesilyurt

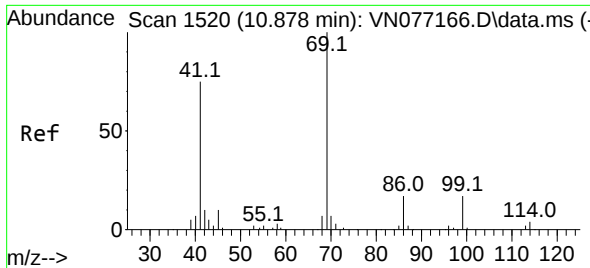
03/28/2023



#50
1,1,2-Trichloroethane
Concen: 20.939 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

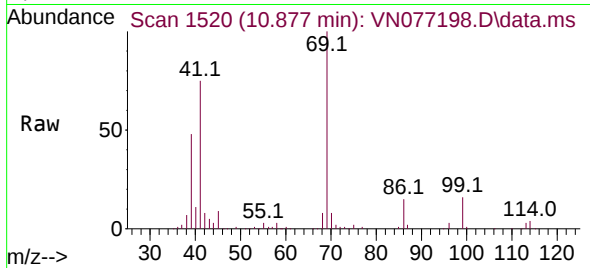
Tgt Ion: 97 Resp: 112980
Ion Ratio Lower Upper
97 100
83 92.3 71.0 106.4
85 60.5 45.5 68.3
99 67.2 51.4 77.2





#51
Ethyl methacrylate
Concen: 19.768 ug/l
RT: 10.877 min Scan# 1569
Delta R.T. -0.001 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



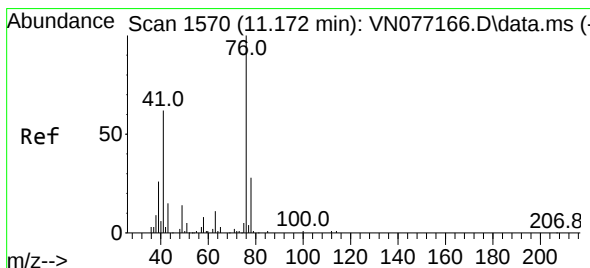
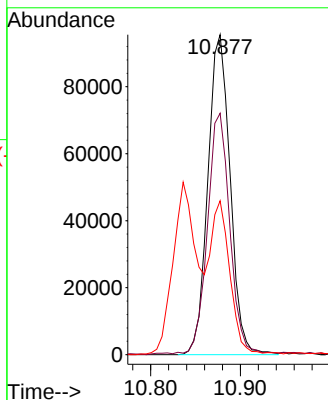
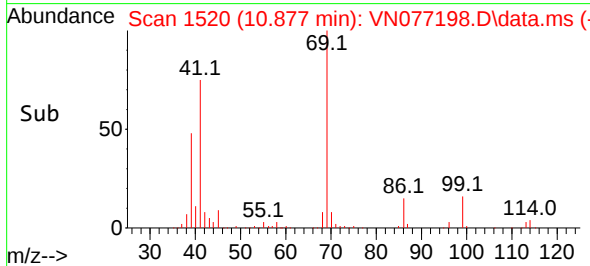
Tgt Ion: 69 Resp: 164689
Ion Ratio Lower Upper
69 100
41 75.0 36.3 108.7
39 47.5 19.9 59.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

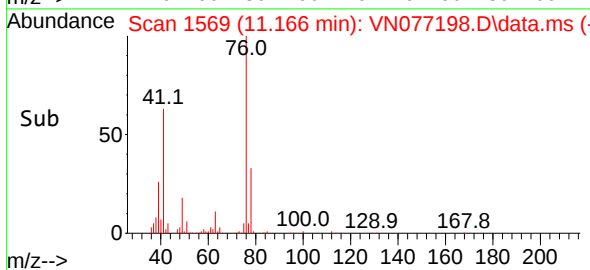
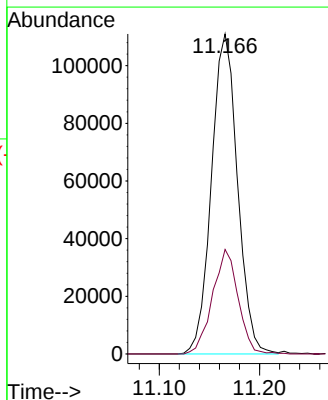
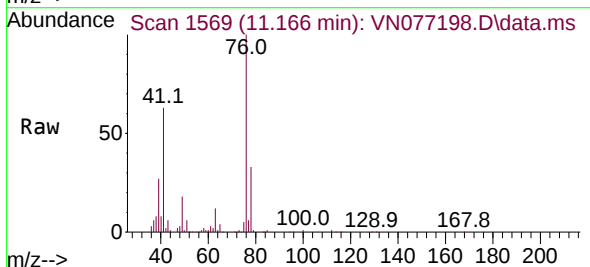
03/28/2023
Supervised By :Semsettin
Yesilyurt

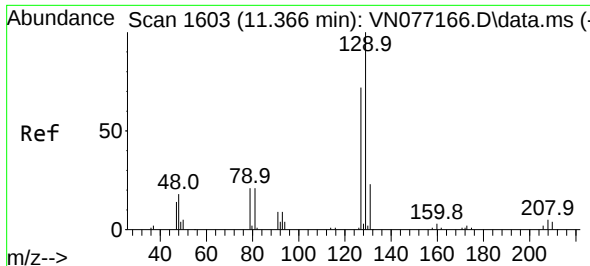
03/28/2023



#52
1,3-Dichloropropane
Concen: 20.944 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

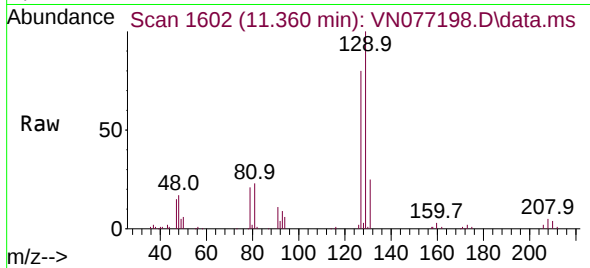
Tgt Ion: 76 Resp: 200598
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.4





#53
Dibromochloromethane
Concen: 20.822 ug/l
RT: 11.360 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



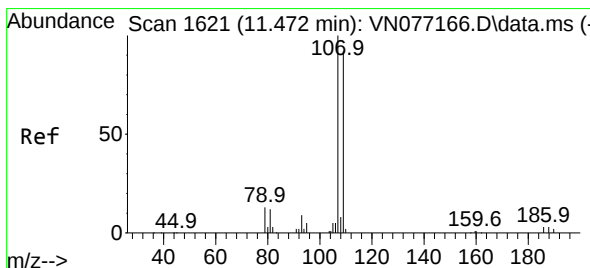
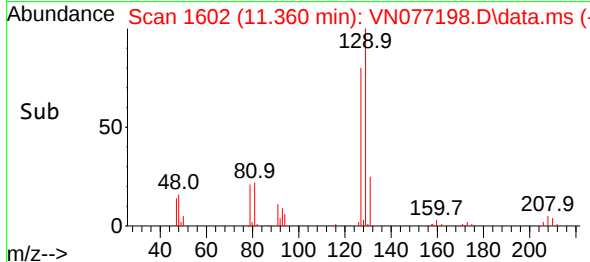
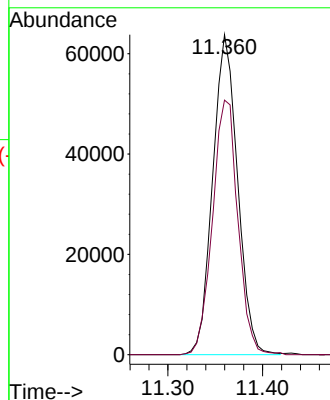
Tgt Ion:129 Resp: 116329
Ion Ratio Lower Upper
129 100
127 81.0 39.4 118.1

Manual Integrations
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Reviewed By :John
Carlone

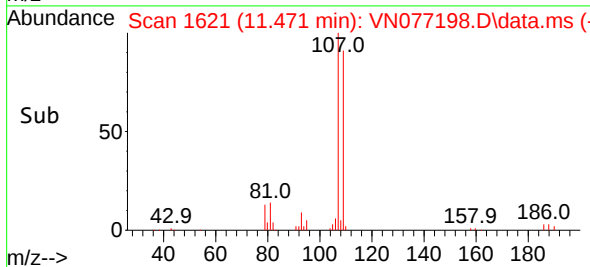
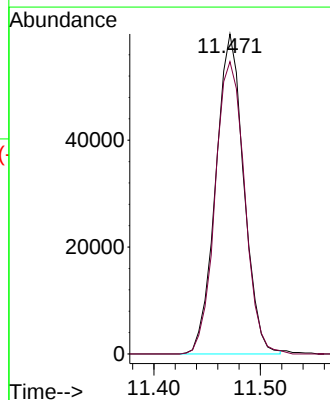
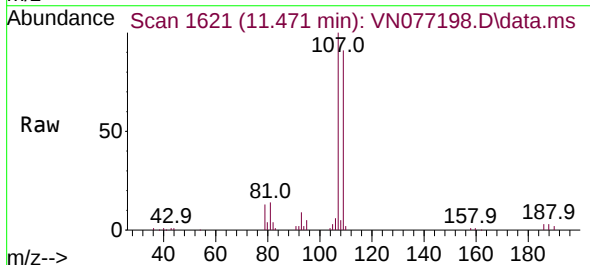
03/28/2023
Supervised By :Semsettin
Yesilyurt

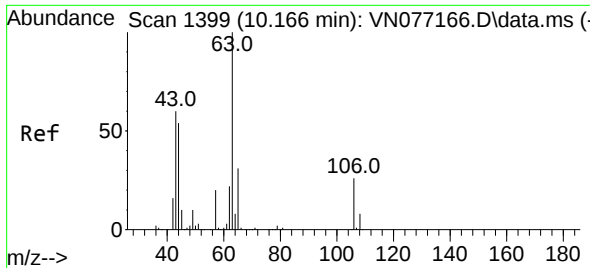
03/28/2023



#54
1,2-Dibromoethane
Concen: 20.647 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

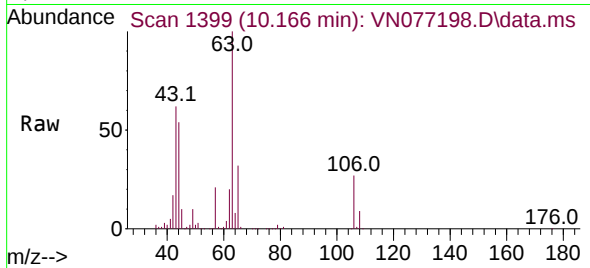
Tgt Ion:107 Resp: 109631
Ion Ratio Lower Upper
107 100
109 95.7 74.6 112.0





#55
2-Chloroethyl vinyl ether
Concen: 93.642 ug/l
RT: 10.166 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



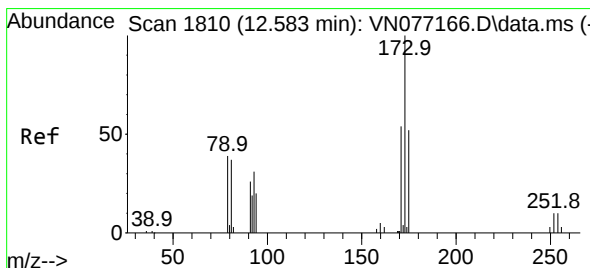
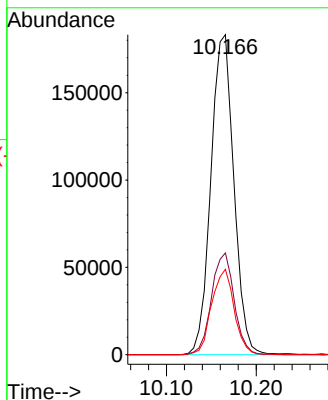
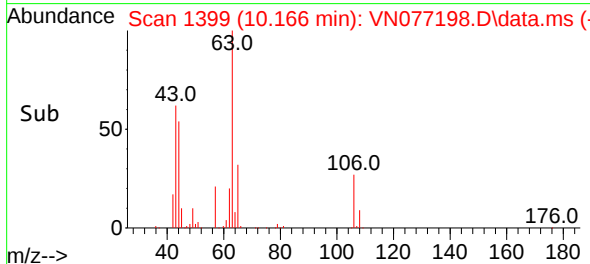
Tgt Ion: 63 Resp: 326174
Ion Ratio Lower Upper
63 100
65 31.3 26.3 39.5
106 26.1 21.6 32.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

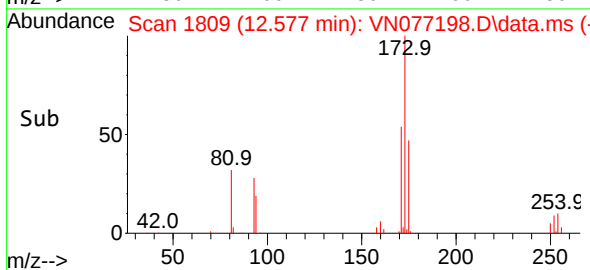
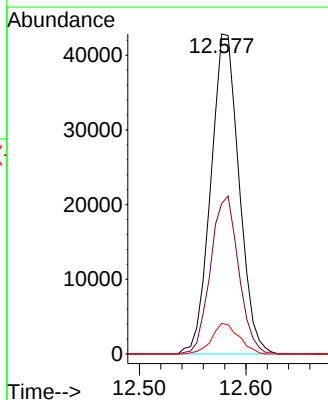
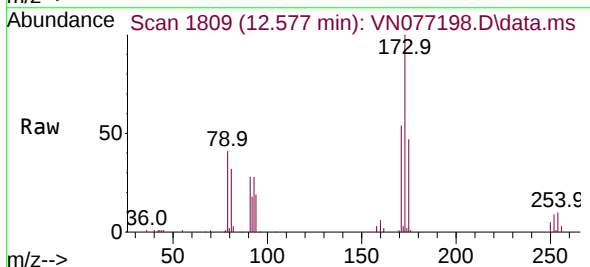
03/28/2023
Supervised By :Semsettin
Yesilyurt

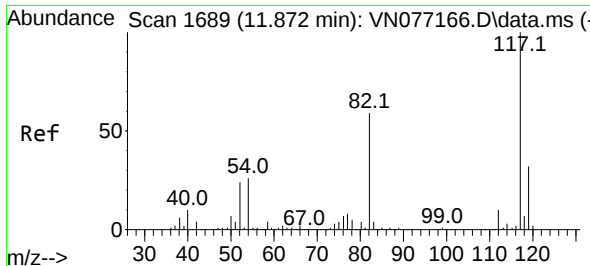
03/28/2023



#56
Bromoform
Concen: 20.094 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

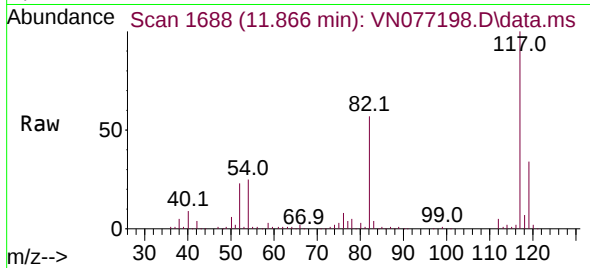
Tgt Ion:173 Resp: 78773
Ion Ratio Lower Upper
173 100
175 49.0 37.8 56.6
254 9.2 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



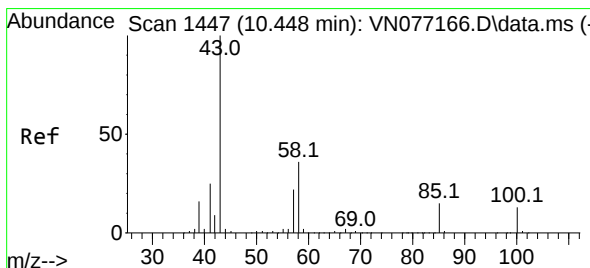
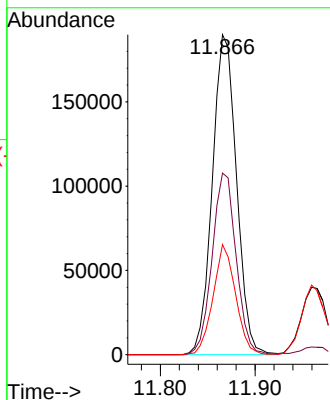
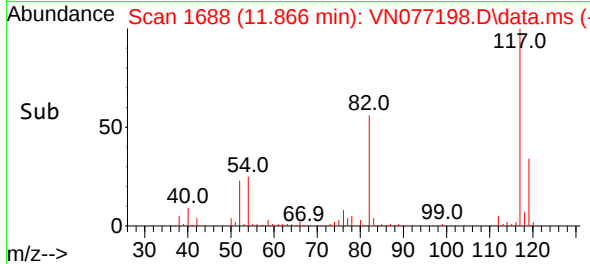
Tgt Ion:117 Resp: 33681
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 32.1 26.8 40.2

Manual Integrations
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Reviewed By :John
Carlone

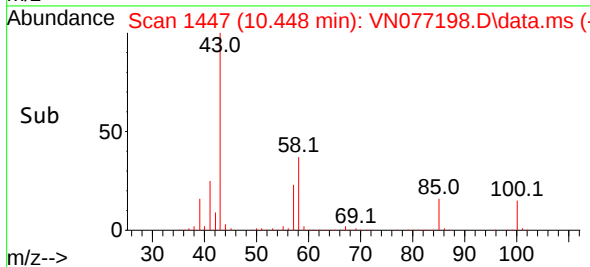
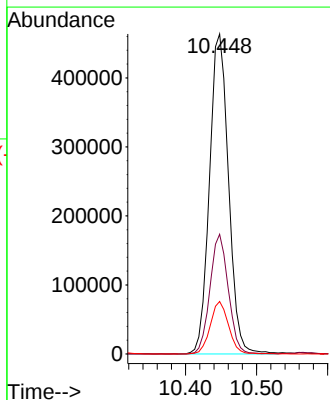
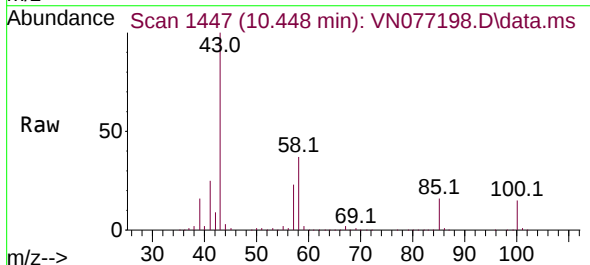
03/28/2023
Supervised By :Semsettin
Yesilyurt

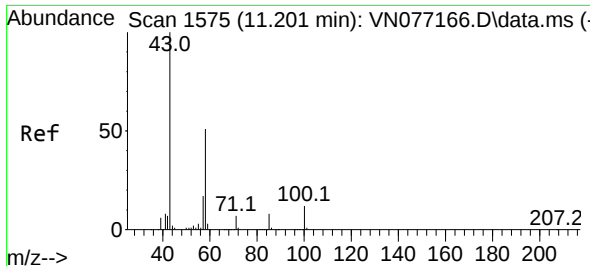
03/28/2023



#58
4-Methyl-2-Pentanone
Concen: 99.332 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

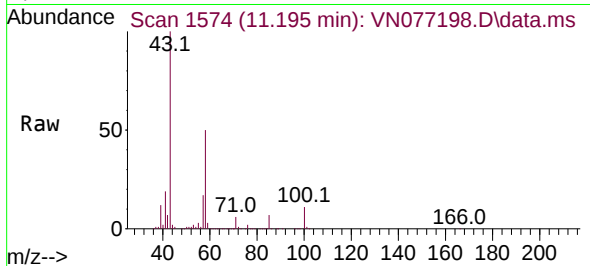
Tgt Ion: 43 Resp: 863470
Ion Ratio Lower Upper
43 100
58 36.0 28.6 42.8
85 15.7 11.8 17.8





#59
2-Hexanone
Concen: 100.714 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



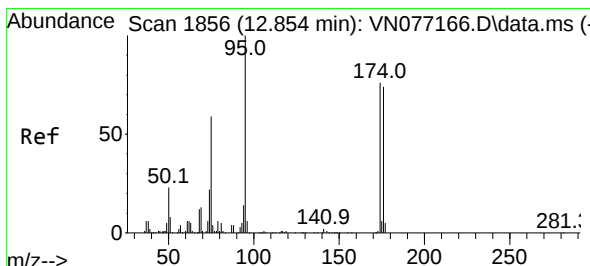
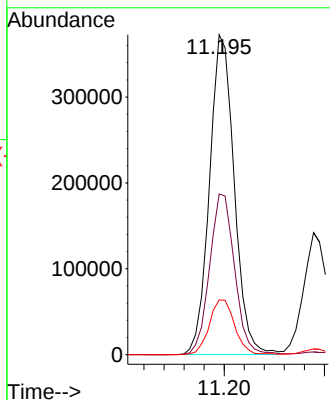
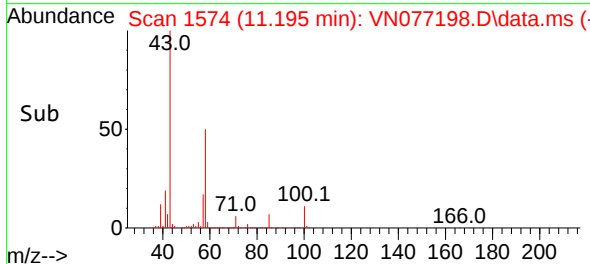
Tgt Ion: 43 Resp: 638348
Ion Ratio Lower Upper
43 100
58 50.9 40.6 60.8
57 17.5 13.1 19.7

Manual Integrations
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Reviewed By :John
Carlone

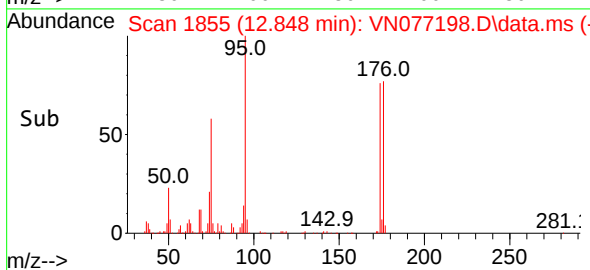
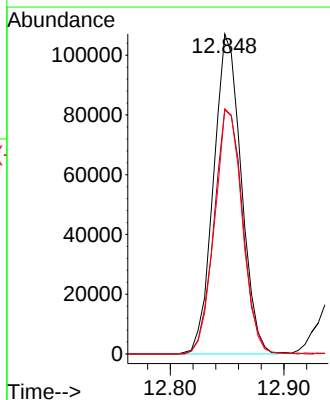
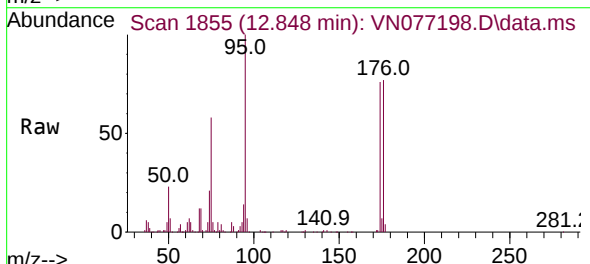
03/28/2023
Supervised By :Semsettin
Yesilyurt

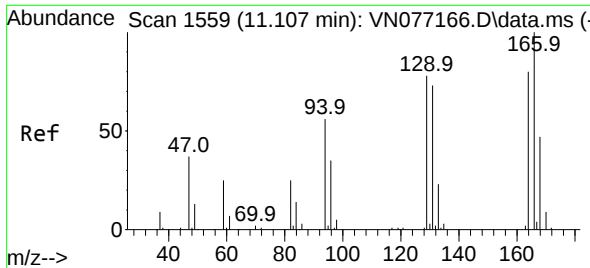
03/28/2023



#60
4-Bromofluorobenzene
Concen: 29.924 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

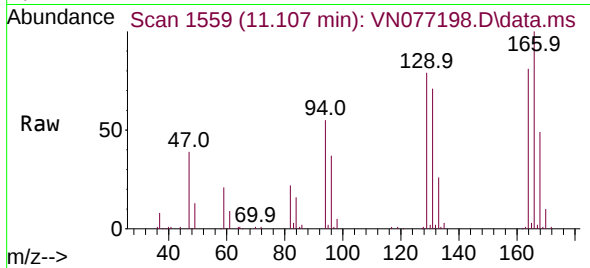
Tgt Ion: 95 Resp: 181063
Ion Ratio Lower Upper
95 100
174 78.9 64.2 96.4
176 76.9 61.4 92.0





#61
Tetrachloroethene
Concen: 21.567 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



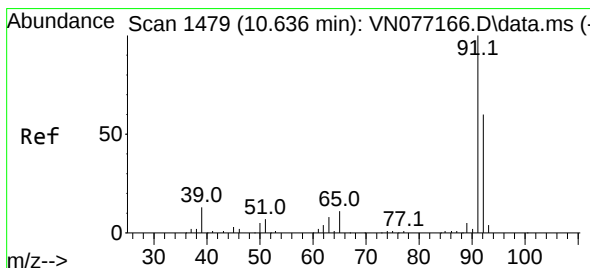
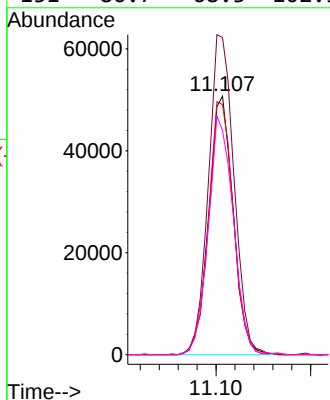
Tgt Ion:164 Resp: 91168
Ion Ratio Lower Upper
164 100
166 122.7 96.2 144.2
129 96.7 78.2 117.4
131 86.7 68.3 102.5

Manual Integrations
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Reviewed By :John
Carlone

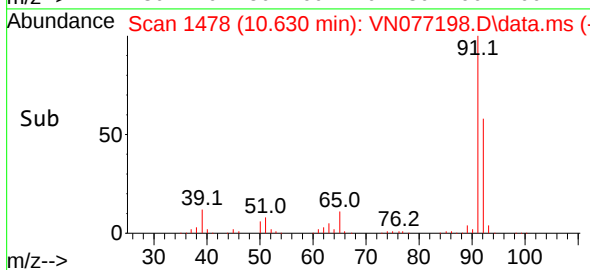
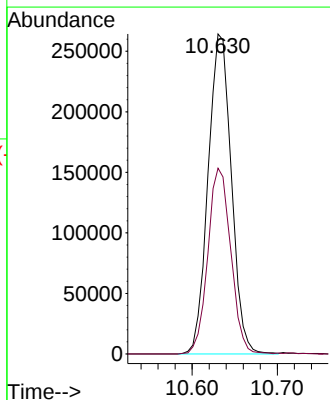
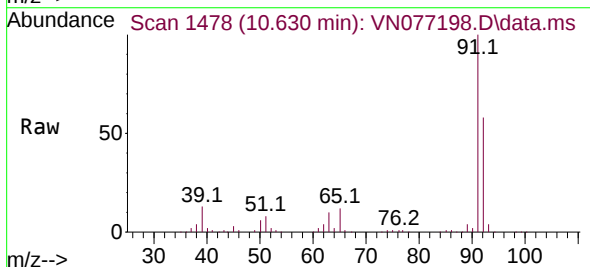
03/28/2023
Supervised By :Semsettin
Yesilyurt

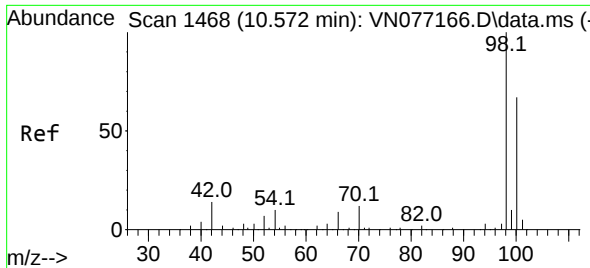
03/28/2023



#62
Toluene
Concen: 21.175 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion: 91 Resp: 501244
Ion Ratio Lower Upper
91 100
92 57.2 46.3 69.5





#63
Toluene-d8
Concen: 30.052 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

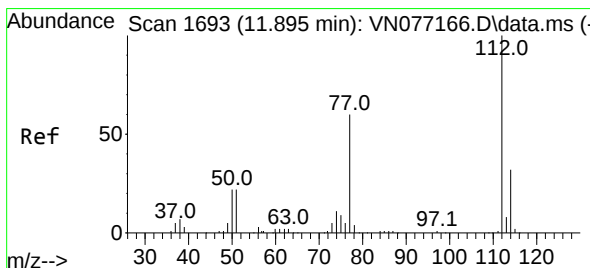
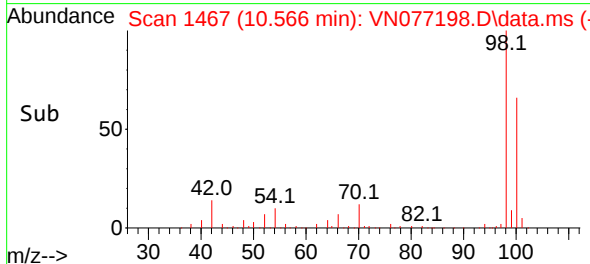
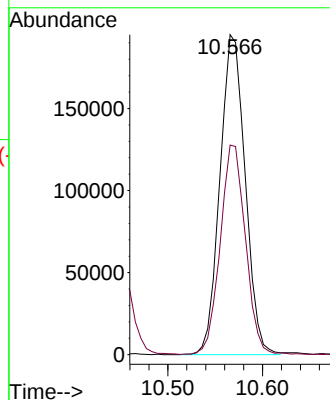
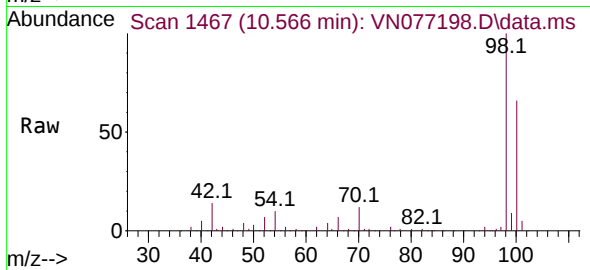
Tgt Ion: 98 Resp: 361315
Ion Ratio Lower Upper
98 100
100 65.0 53.8 80.6

Manual Integrations
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Reviewed By :John
Carlone

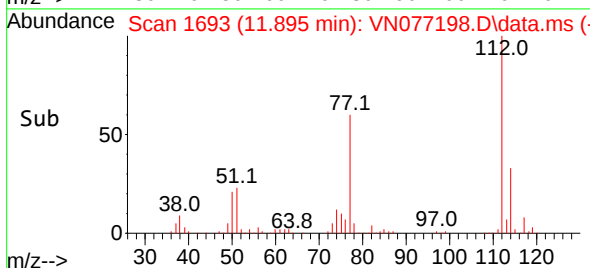
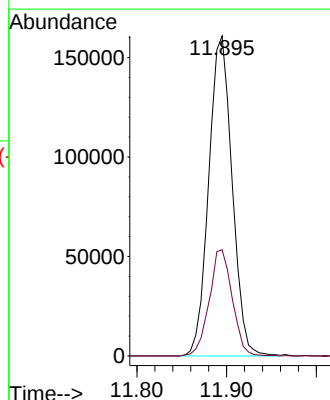
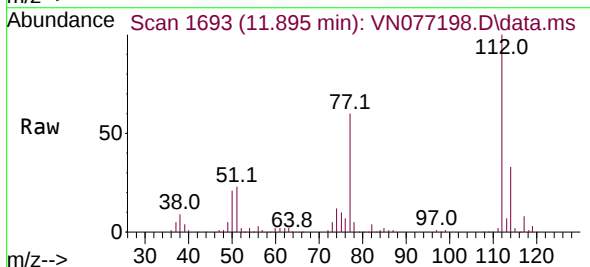
03/28/2023
Supervised By :Semsettin
Yesilyurt

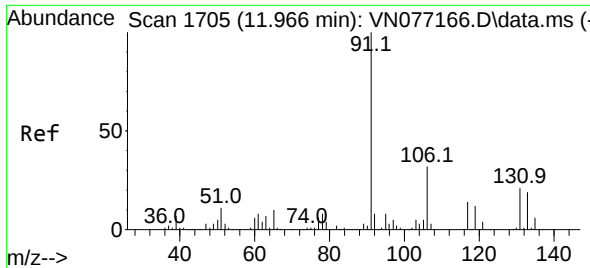
03/28/2023



#64
Chlorobenzene
Concen: 20.798 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion:112 Resp: 291275
Ion Ratio Lower Upper
112 100
114 33.2 24.5 36.7





#65
1,1,1,2-Tetrachloroethane
Concen: 21.246 ug/l
RT: 11.960 min Scan# 1705
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

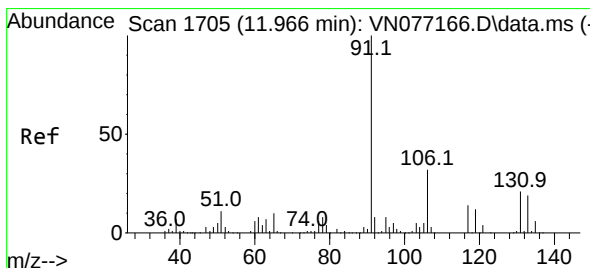
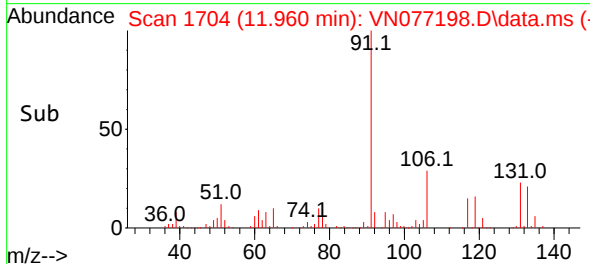
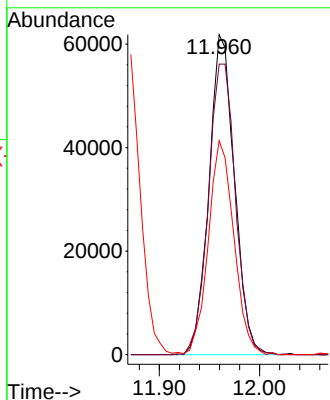
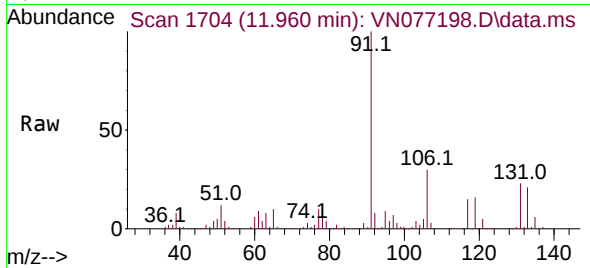
Tgt Ion:131 Resp: 109270
Ion Ratio Lower Upper
131 100
133 96.4 0.0 197.6
119 66.9 0.0 127.8

Manual Integrations
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Reviewed By :John
Carlone

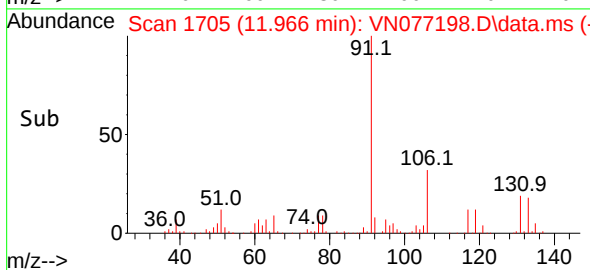
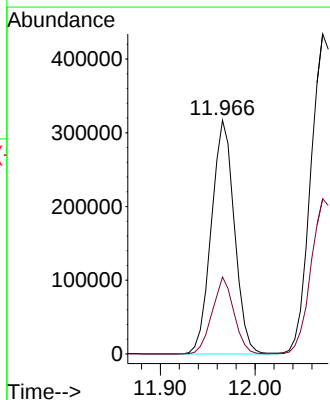
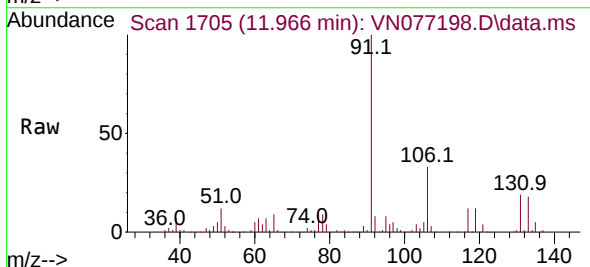
03/28/2023
Supervised By :Semsettin
Yesilyurt

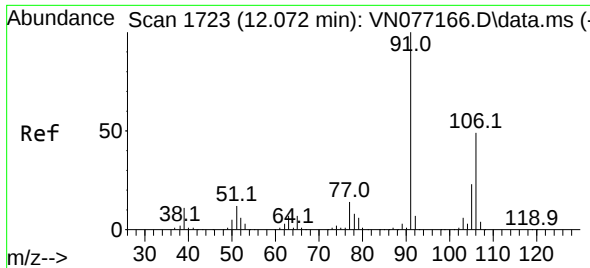
03/28/2023



#66
Ethyl Benzene
Concen: 21.096 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion: 91 Resp: 536589
Ion Ratio Lower Upper
91 100
106 32.9 23.8 35.8





#67
m/p-Xylenes
Concen: 42.473 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

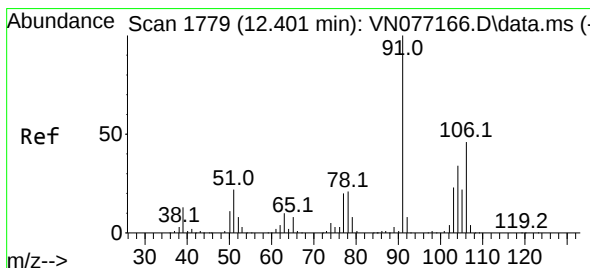
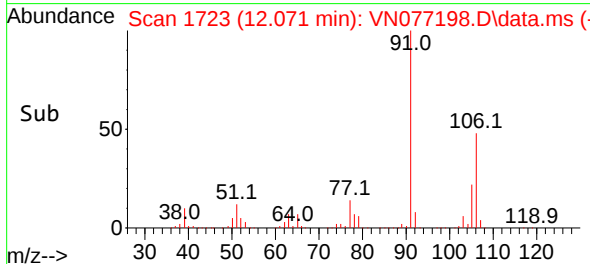
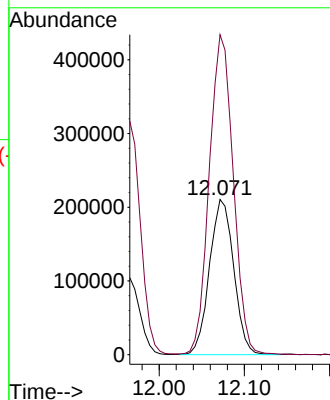
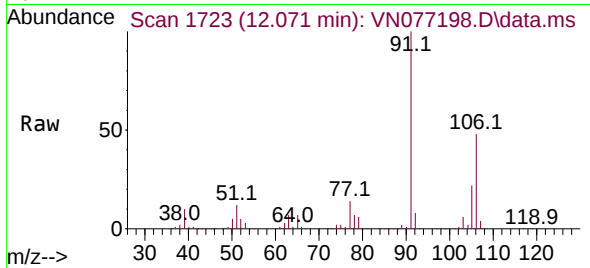
Tgt Ion:106 Resp: 415739
Ion Ratio Lower Upper
106 100
91 204.9 157.4 236.2

Manual Integrations
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Reviewed By :John
Carlone

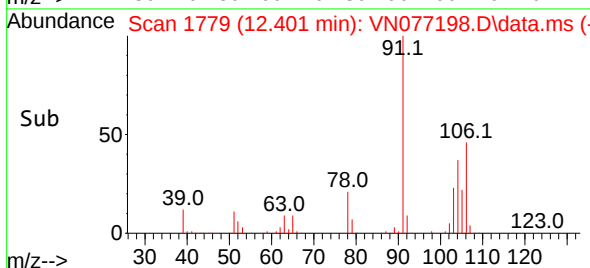
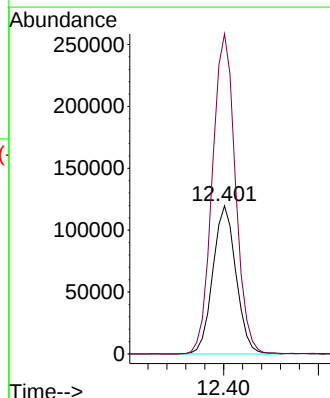
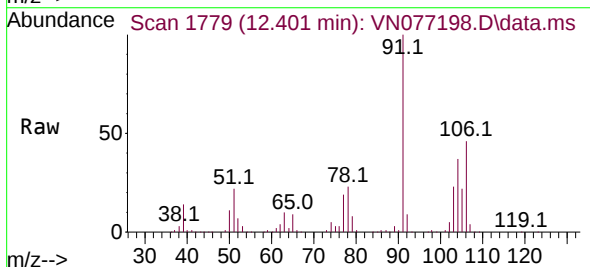
03/28/2023
Supervised By :Semsettin
Yesilyurt

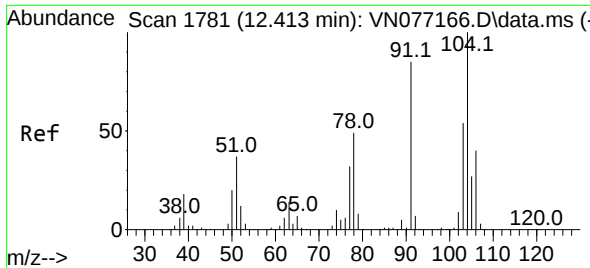
03/28/2023



#68
o-Xylene
Concen: 21.223 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

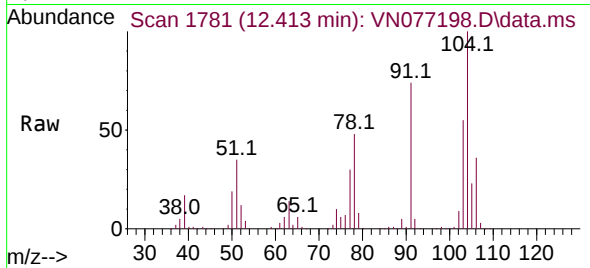
Tgt Ion:106 Resp: 203394
Ion Ratio Lower Upper
106 100
91 215.4 107.2 321.6





#69
Styrene
Concen: 20.784 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



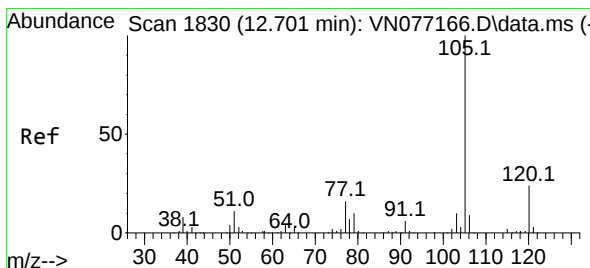
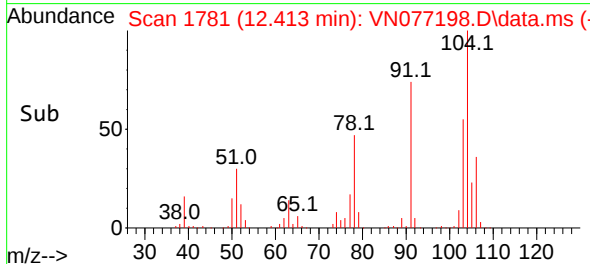
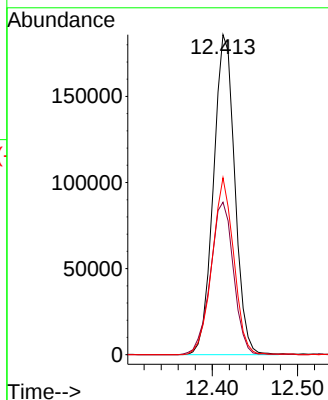
Tgt Ion:104 Resp: 323440
Ion Ratio Lower Upper
104 100
78 51.4 39.6 59.4
103 56.0 43.9 65.9

Manual Integrations
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Reviewed By :John
Carlone

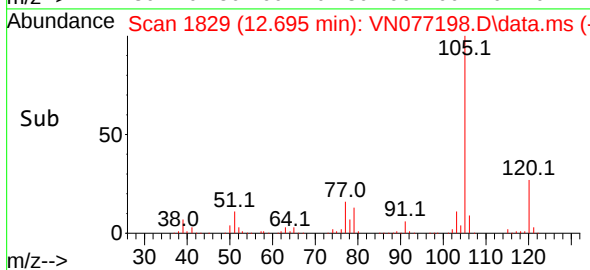
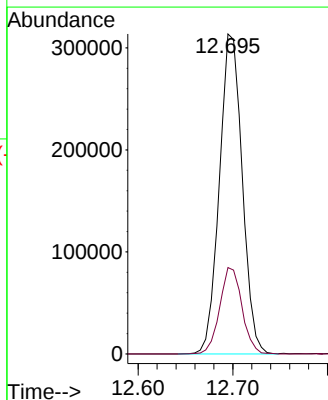
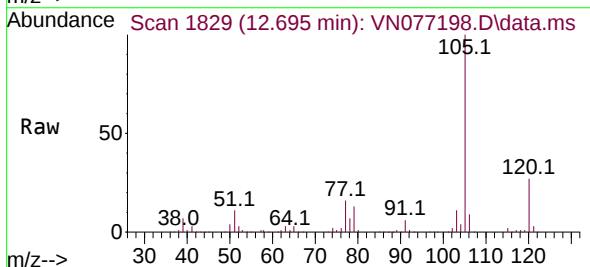
03/28/2023
Supervised By :Semsettin
Yesilyurt

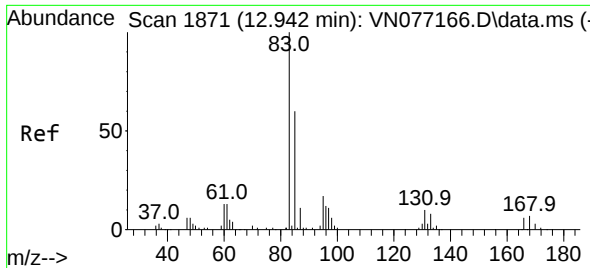
03/28/2023



#70
Isopropylbenzene
Concen: 21.164 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

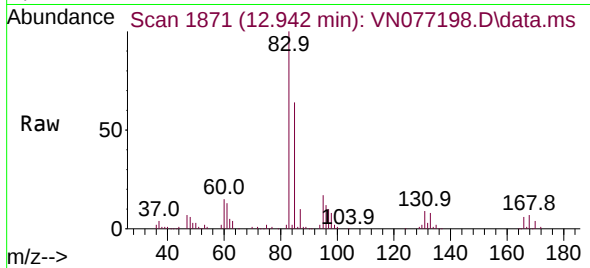
Tgt Ion:105 Resp: 525983
Ion Ratio Lower Upper
105 100
120 26.3 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 20.892 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



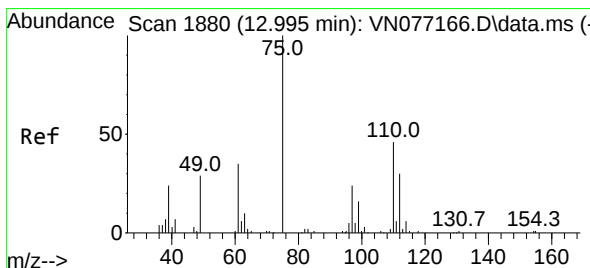
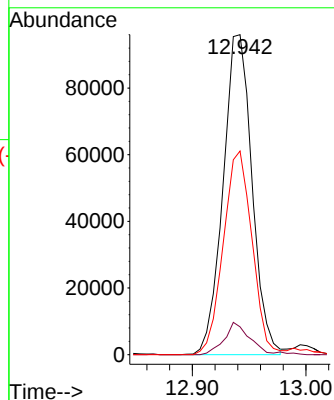
Tgt Ion: 83 Resp: 16995
Ion Ratio Lower Upper
83 100
131 8.8 5.0 14.9
85 62.9 32.3 96.9

Manual Integrations
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Reviewed By :John
Carlone

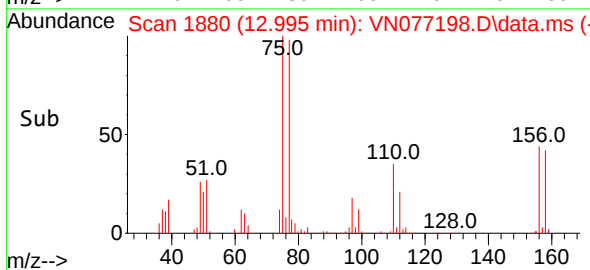
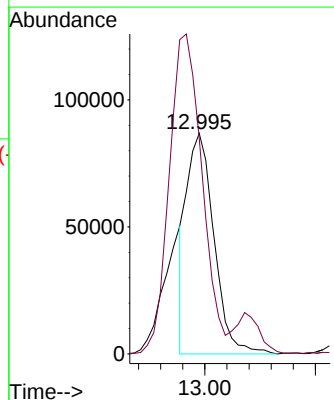
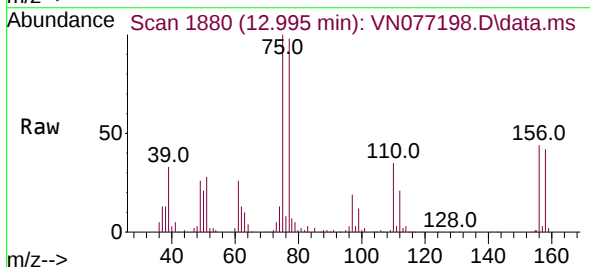
03/28/2023
Supervised By :Semsettin
Yesilyurt

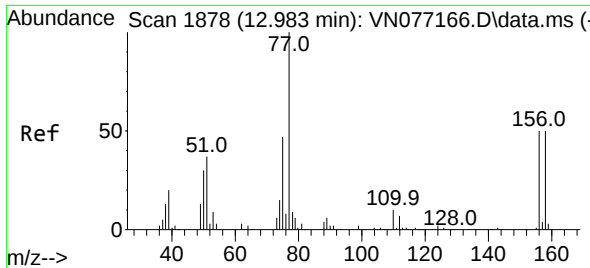
03/28/2023



#72
1,2,3-Trichloropropane
Concen: 20.620 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

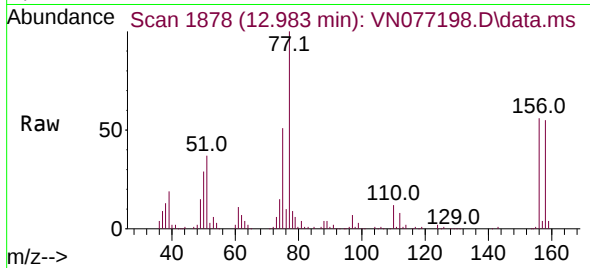
Tgt Ion: 75 Resp: 148472
Ion Ratio Lower Upper
75 100
77 174.8 0.0 332.6





#73
Bromobenzene
Concen: 21.743 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



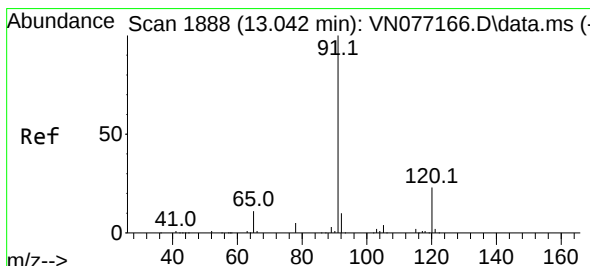
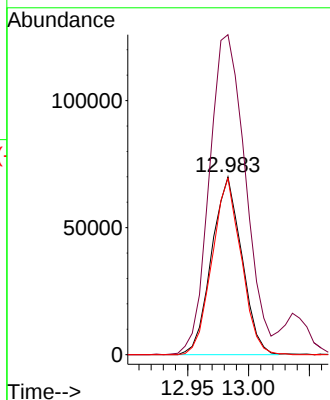
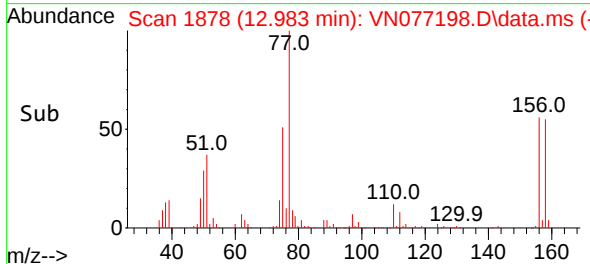
Tgt Ion:156 Resp: 120807
Ion Ratio Lower Upper
156 100
77 214.8 0.0 423.0
158 95.3 0.0 188.6

Manual Integrations
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Reviewed By :John
Carlone

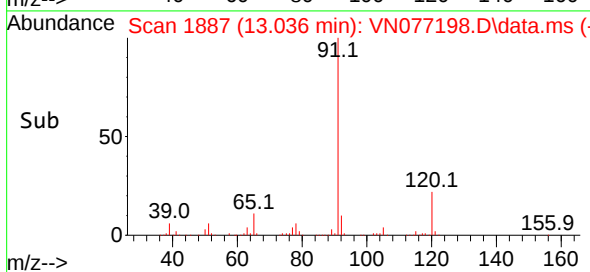
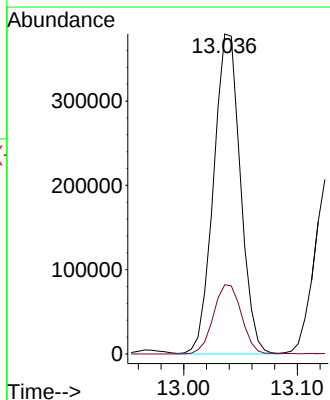
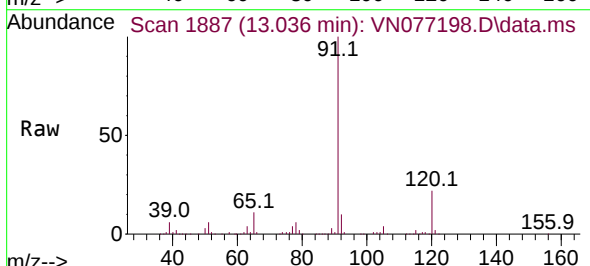
03/28/2023
Supervised By :Semsettin
Yesilyurt

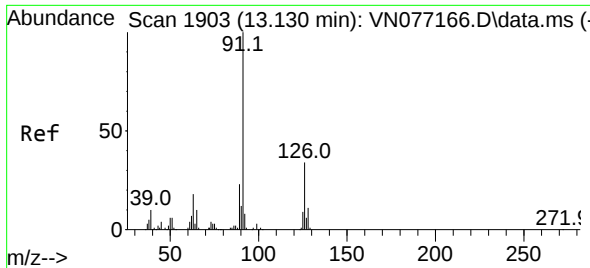
03/28/2023



#74
n-propylbenzene
Concen: 21.689 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion: 91 Resp: 624020
Ion Ratio Lower Upper
91 100
120 22.6 0.0 44.0





#75
2-Chlorotoluene
Concen: 21.572 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

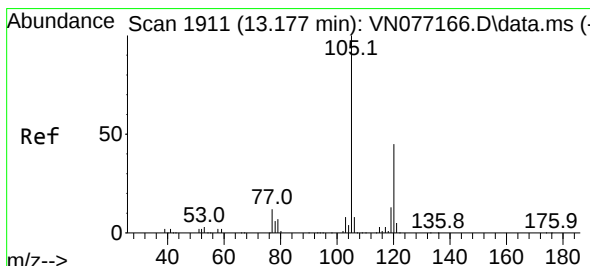
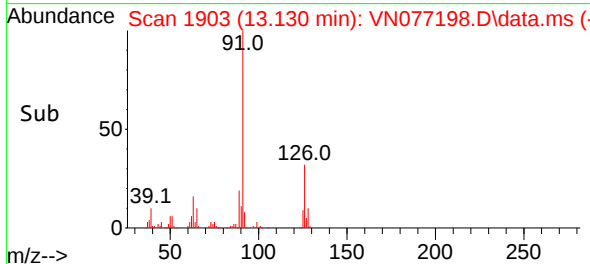
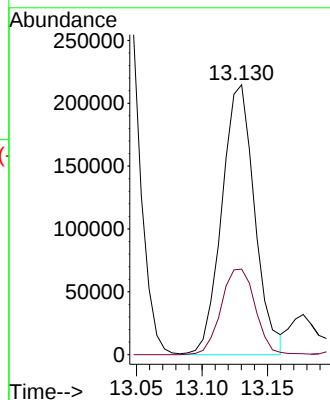
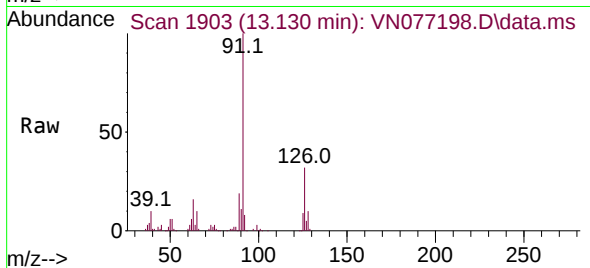
Tgt Ion: 91 Resp: 37422
Ion Ratio Lower Upper
91 100
126 33.0 0.0 66.4

Manual Integrations
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Reviewed By :John
Carlone

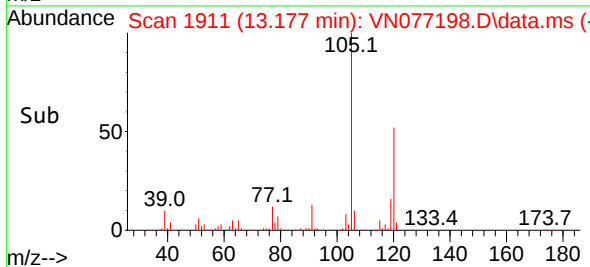
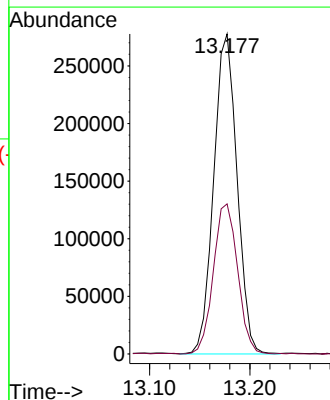
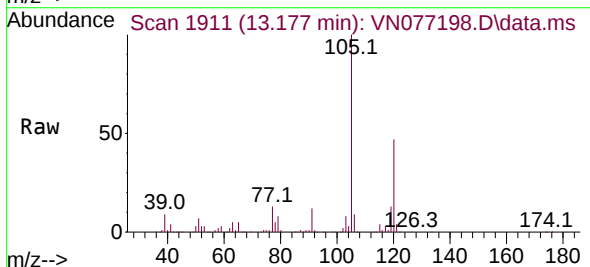
03/28/2023
Supervised By :Semsettin
Yesilyurt

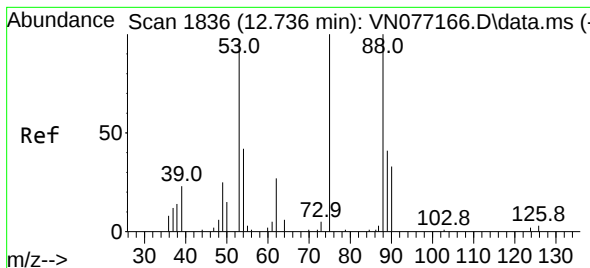
03/28/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.752 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

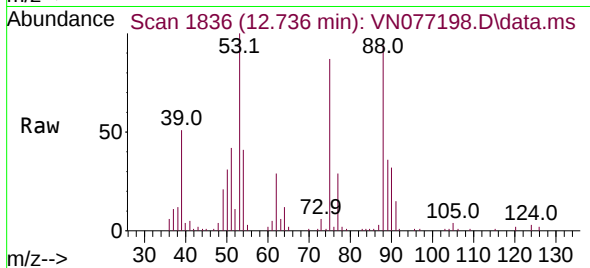
Tgt Ion:105 Resp: 448723
Ion Ratio Lower Upper
105 100
120 48.8 0.0 103.2





#77
t-1,4-Dichloro-2-butene
Concen: 20.798 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



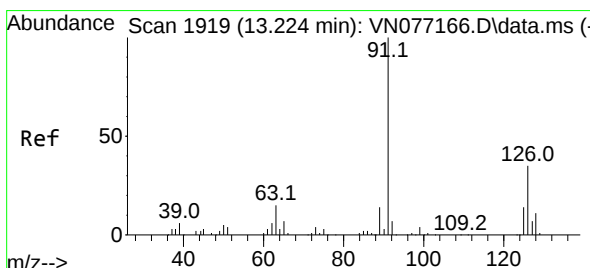
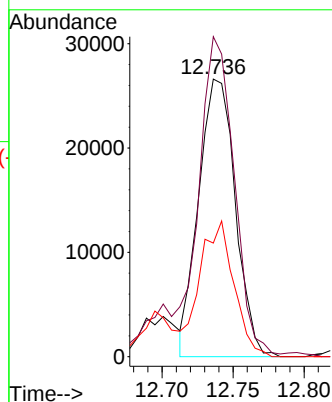
Tgt Ion: 75 Resp: 47738
Ion Ratio Lower Upper
75 100
53 114.3 50.4 151.3
89 40.9 22.1 66.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

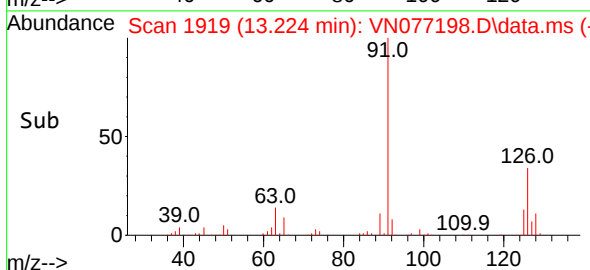
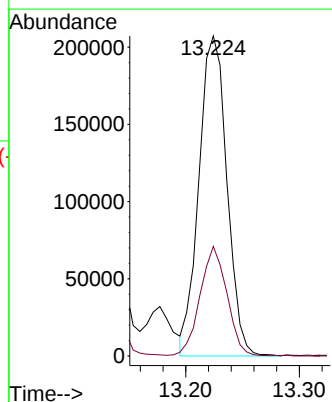
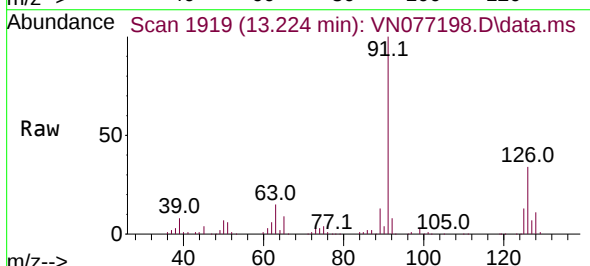
03/28/2023
Supervised By :Semsettin
Yesilyurt

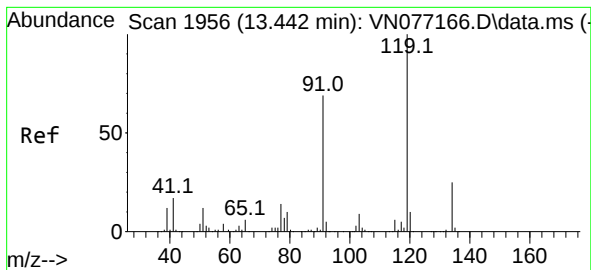
03/28/2023



#78
4-Chlorotoluene
Concen: 21.275 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion: 91 Resp: 355021
Ion Ratio Lower Upper
91 100
126 32.9 0.0 70.6





#79
tert-butylbenzene
Concen: 21.500 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01

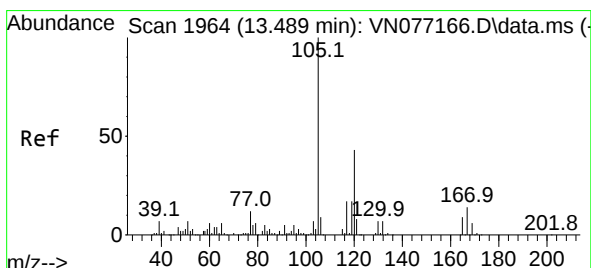
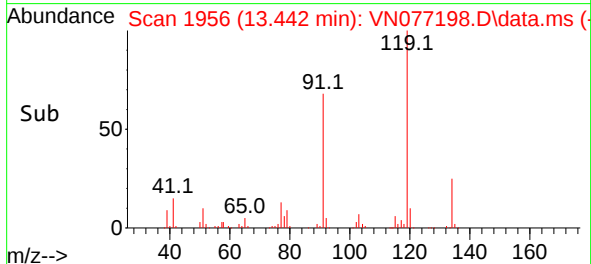
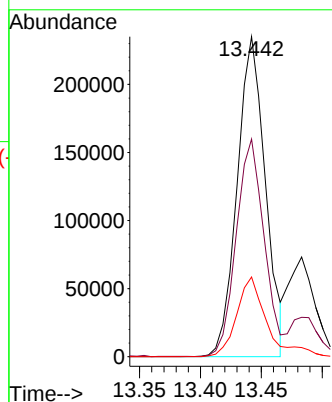
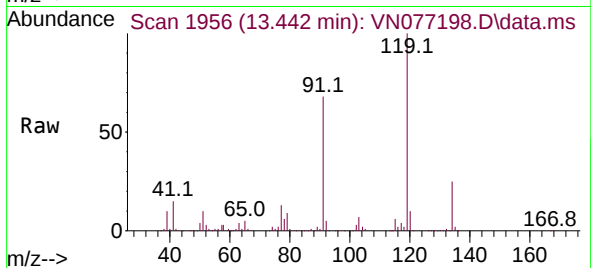
Tgt Ion:119 Resp: 378898
Ion Ratio Lower Upper
119 100
91 66.9 0.0 129.6
134 24.5 0.0 47.8

Manual Integrations
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Reviewed By :John
Carlone

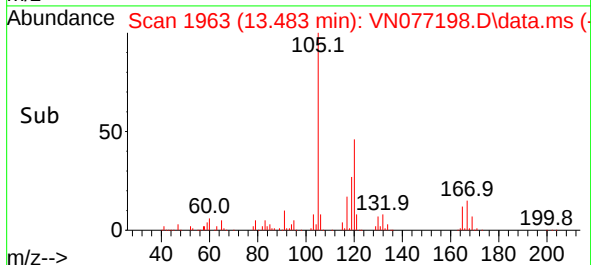
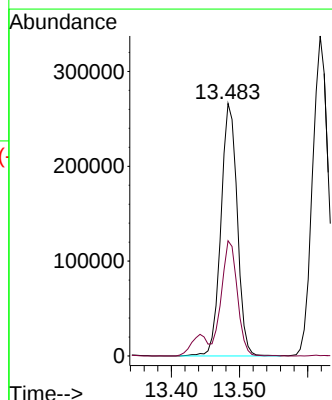
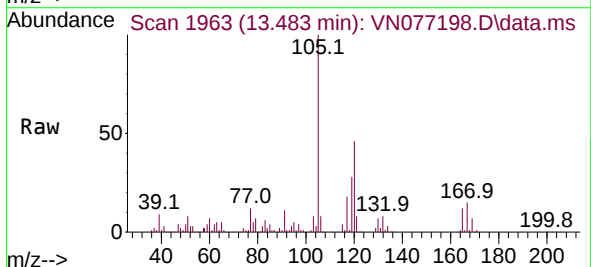
03/28/2023
Supervised By :Semsettin
Yesilyurt

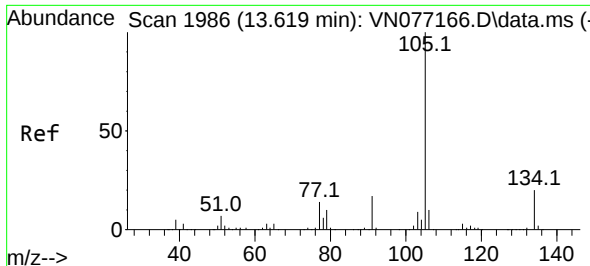
03/28/2023



#80
1,2,4-Trimethylbenzene
Concen: 21.631 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion:105 Resp: 442815
Ion Ratio Lower Upper
105 100
120 45.0 0.0 93.2





#81
 sec-Butylbenzene
 Concen: 21.427 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN077198.D
 Acq: 27 Mar 2023 12:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0327WBS01

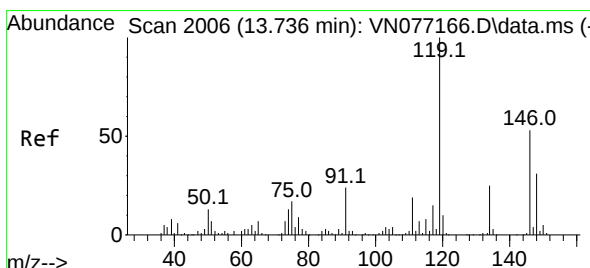
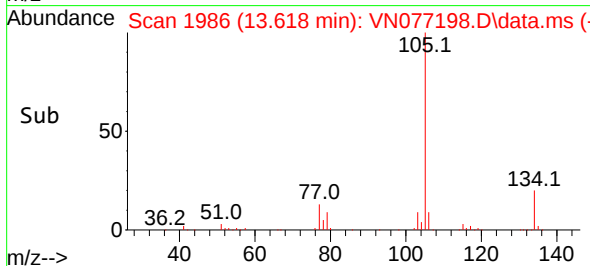
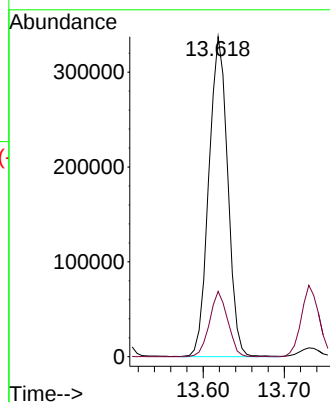
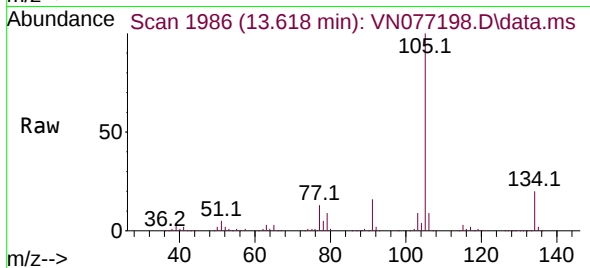
Tgt Ion:105 Resp: 54522
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4

Manual Integrations
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Reviewed By :John
 Carlone

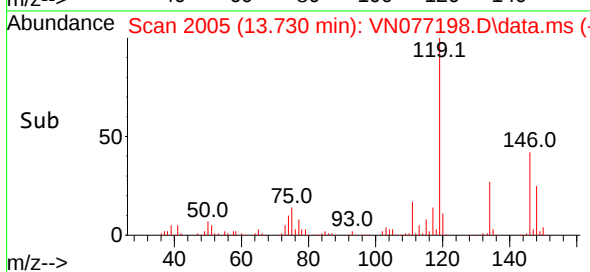
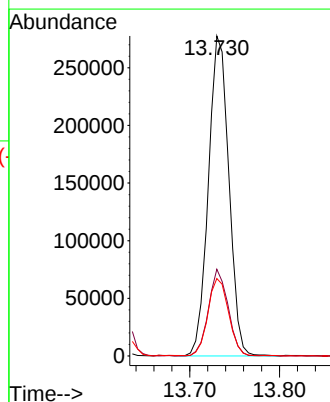
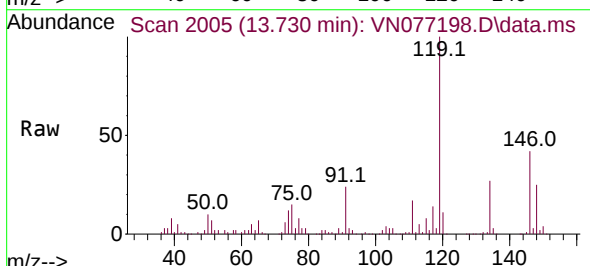
03/28/2023
 Supervised By :Semsettin
 Yesilyurt

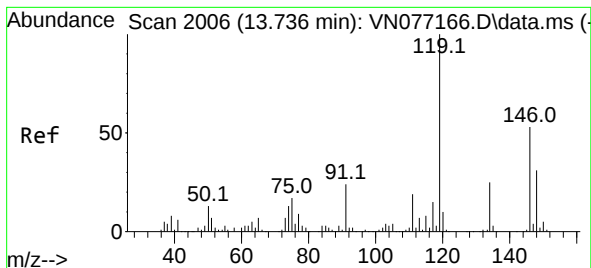
03/28/2023



#82
 p-Isopropyltoluene
 Concen: 21.532 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077198.D
 Acq: 27 Mar 2023 12:24

Tgt Ion:119 Resp: 439204
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 53.4
 91 24.5 0.0 47.2





#83

1,3-Dichlorobenzene

Concen: 21.489 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077198.D

Acq: 27 Mar 2023 12:24

Instrument :

MSVOA_N

ClientSampleId :

VN0327WBS01

Tgt Ion:146 Resp: 22106

Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.8
148	61.8	31.9	95.5

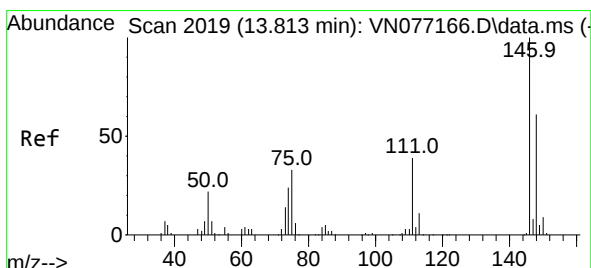
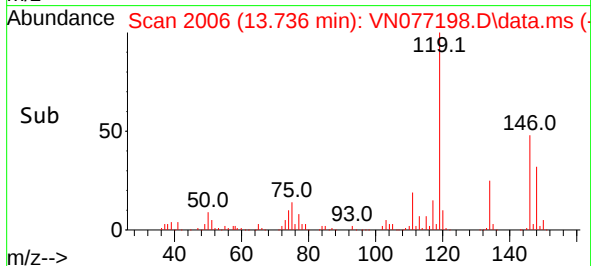
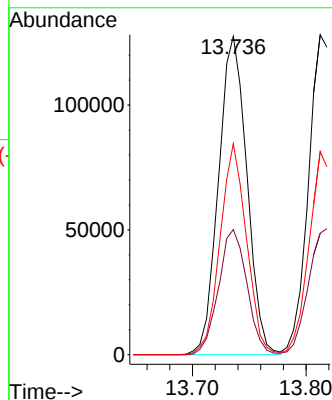
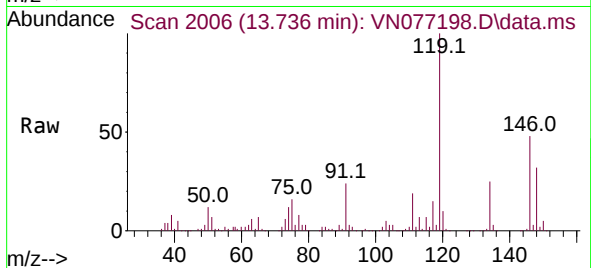
Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/28/2023

Supervised By :Semsettin
Yesilyurt

03/28/2023



#84

1,4-Dichlorobenzene

Concen: 21.515 ug/l

RT: 13.812 min Scan# 2019

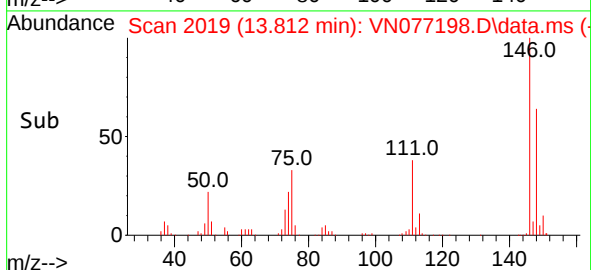
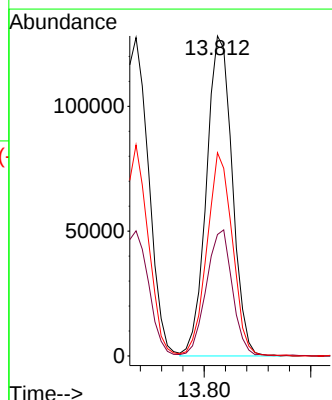
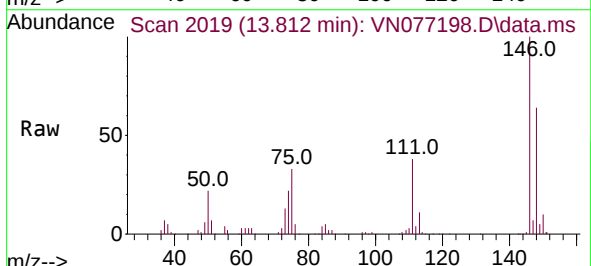
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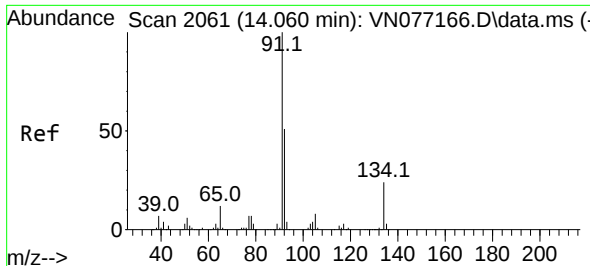
Lab File: VN077198.D

Acq: 27 Mar 2023 12:24

Tgt Ion:146 Resp: 215615

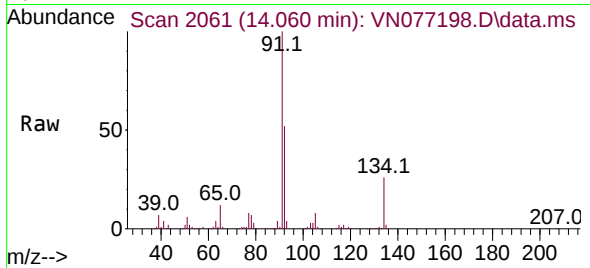
Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.2	54.6
148	62.7	31.1	93.2





#85
n-Butylbenzene
Concen: 21.483 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



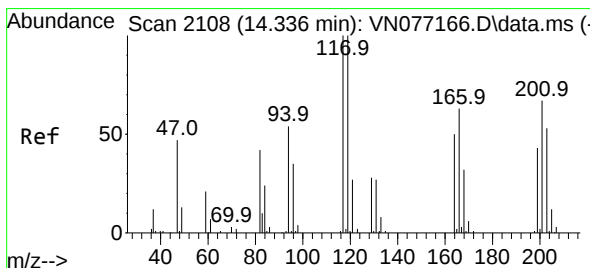
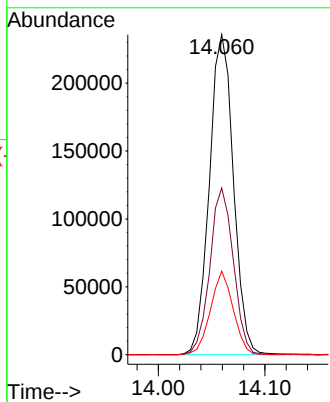
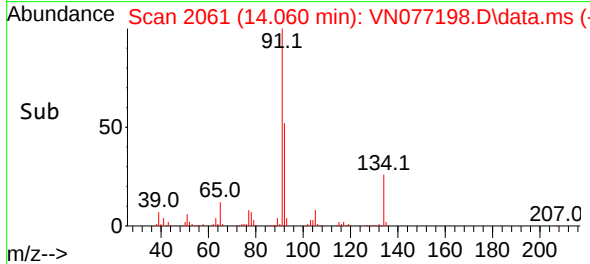
Tgt Ion: 91 Resp: 37039
Ion Ratio Lower Upper
91 100
92 50.9 0.0 103.2
134 24.6 0.0 50.0

Manual Integrations
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Reviewed By :John
Carlone

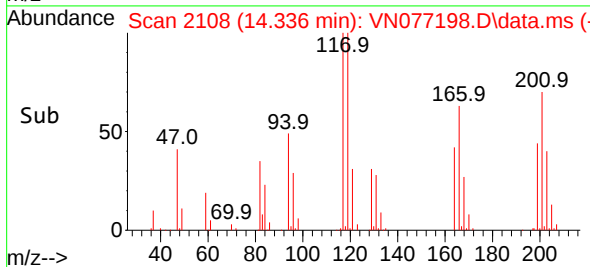
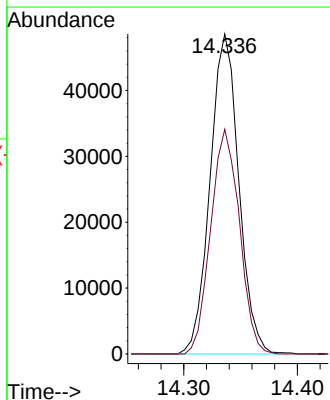
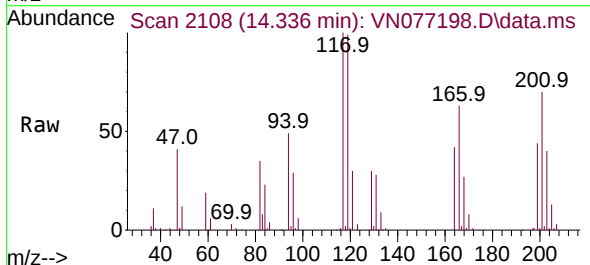
03/28/2023
Supervised By :Semsettin
Yesilyurt

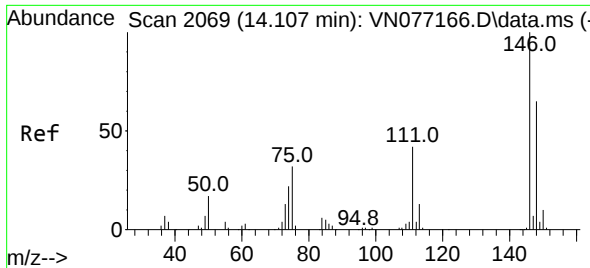
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#86
Hexachloroethane
Concen: 21.957 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

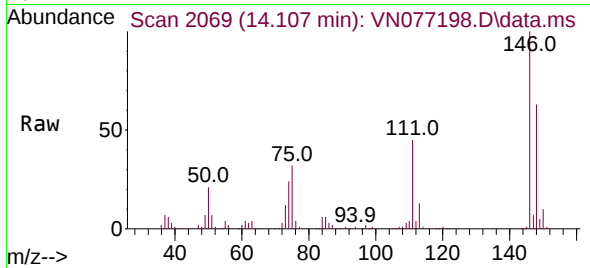
Tgt Ion:117 Resp: 85407
Ion Ratio Lower Upper
117 100
201 70.2 32.2 96.6





#87
1,2-Dichlorobenzene
Concen: 21.556 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



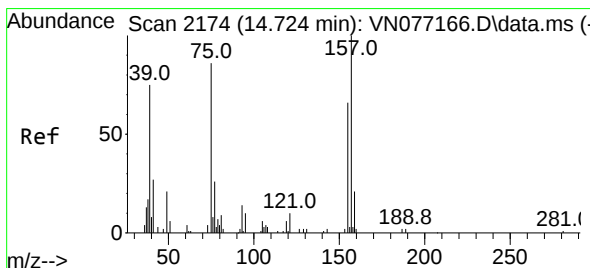
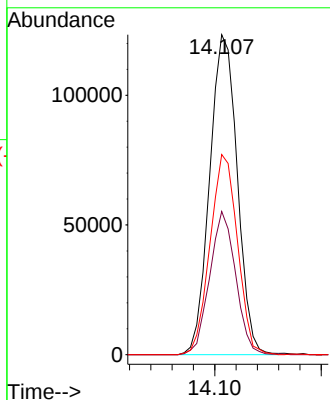
Tgt Ion:146 Resp: 22176
Ion Ratio Lower Upper
146 100
111 42.1 20.5 61.6
148 62.2 32.5 97.5

Manual Integrations
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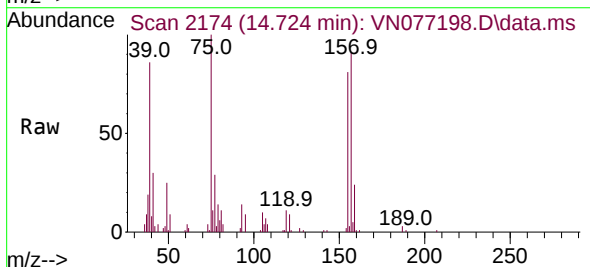
Reviewed By :John
Carlone

03/28/2023
Supervised By :Semsettin
Yesilyurt

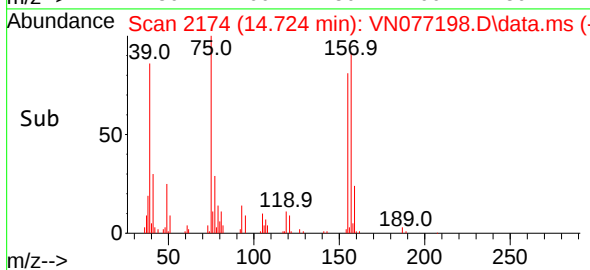
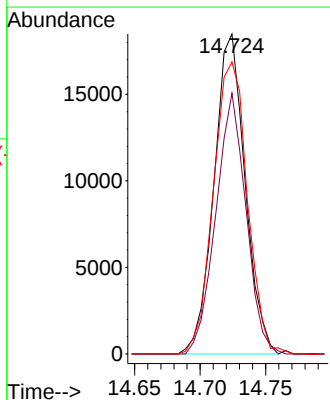
03/28/2023

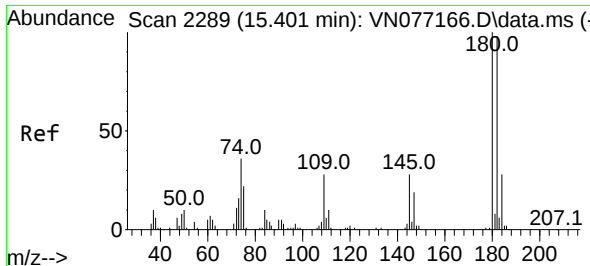


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.512 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24



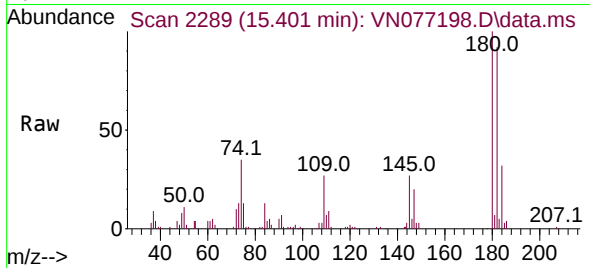
Tgt Ion: 75 Resp: 30455
Ion Ratio Lower Upper
75 100
155 79.0 62.5 93.7
157 98.8 77.5 116.3





#89
1,2,4-Trichlorobenzene
Concen: 20.279 ug/l
RT: 15.401 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



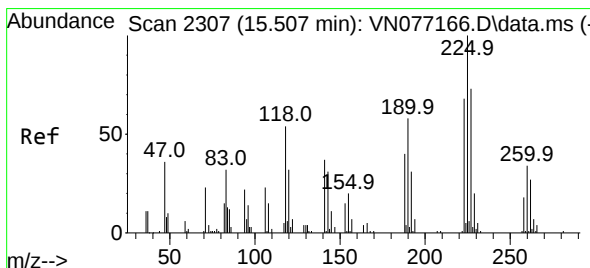
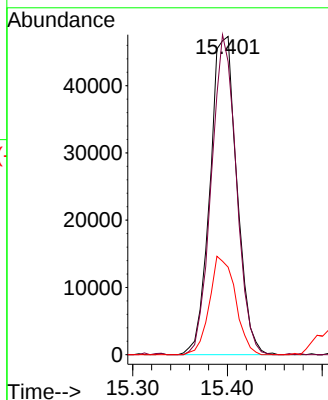
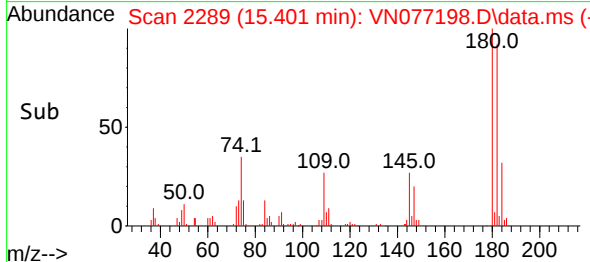
Tgt Ion:180 Resp: 93060
Ion Ratio Lower Upper
180 100
182 93.4 76.6 115.0
145 29.8 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

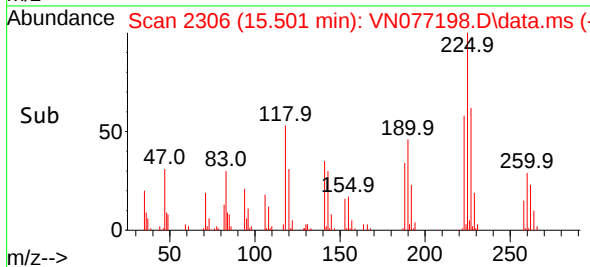
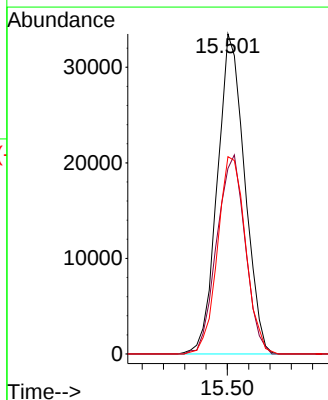
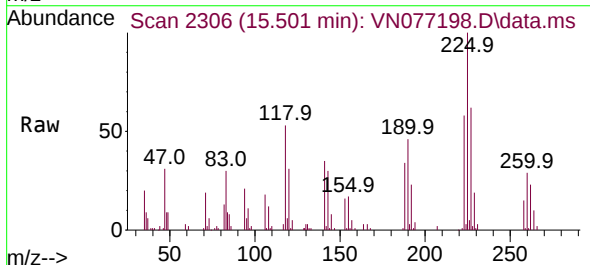
03/28/2023
Supervised By :Semsettin
Yesilyurt

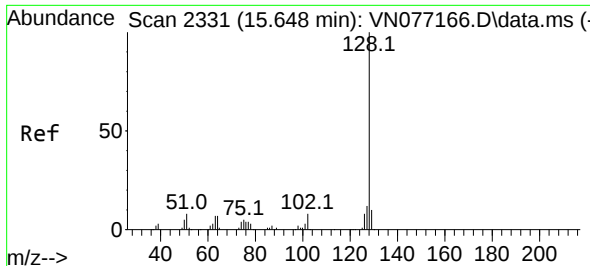
03/28/2023



#90
Hexachlorobutadiene
Concen: 22.996 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

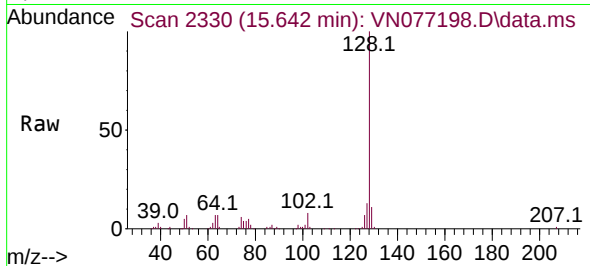
Tgt Ion:225 Resp: 59538
Ion Ratio Lower Upper
225 100
223 64.6 0.0 135.4
227 63.2 0.0 129.4





#91
Naphthalene
Concen: 18.929 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Instrument :
MSVOA_N
ClientSampleId :
VN0327WBS01



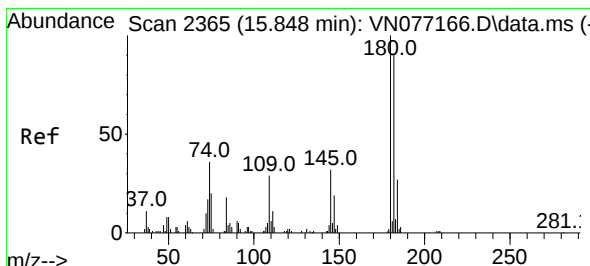
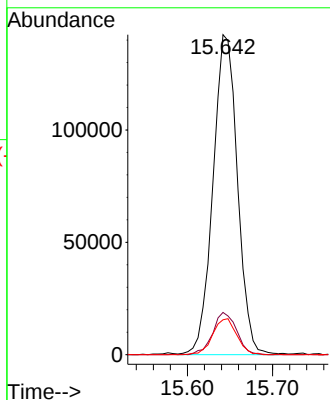
Tgt Ion:128 Resp: 285070
Ion Ratio Lower Upper
128 100
127 12.8 11.0 16.6
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

03/28/2023
Supervised By :Semsettin
Yesilyurt

03/28/2023



#92
1,2,3-Trichlorobenzene
Concen: 19.518 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.006 min
Lab File: VN077198.D
Acq: 27 Mar 2023 12:24

Tgt Ion:180 Resp: 88947
Ion Ratio Lower Upper
180 100
182 98.1 0.0 190.8
145 33.3 0.0 65.0

