

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077504.D
 Acq On : 28 Apr 2023 16:41
 Operator : JC\MD
 Sample : VN0428WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Quant Time: Apr 28 19:04:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Bromochloromethane	7.825	128	65160	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	492769	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	522329	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	179571	30.912	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.033%			
60) 4-Bromofluorobenzene	12.854	95	274291	29.974	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.900%			
63) Toluene-d8	10.572	98	547155	29.728	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	152126	18.753	ug/l	99
3) Chloromethane	2.372	50	114107	19.041	ug/l	100
4) Vinyl Chloride	2.525	62	155228	18.624	ug/l	97
5) Bromomethane	2.978	94	126451	17.972	ug/l	97
6) Chloroethane	3.143	64	97850	16.302	ug/l	92
7) Trichlorofluoromethane	3.507	101	225522	18.347	ug/l	99
8) Diethyl Ether	3.972	74	81519	18.952	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	135374	19.486	ug/l	98
10) 1,1-Dichloroethene	4.349	96	127766	19.171	ug/l	97
11) Methyl Iodide	4.607	142	147692	18.063	ug/l	94
12) Methyl Acetate	5.037	43	182044	18.939	ug/l	96
13) Acrolein	4.190	56	112850	97.922	ug/l	99
14) Acrylonitrile	5.731	53	269695	91.457	ug/l	99
15) Acetone	4.437	58	89674	95.244	ug/l	87
16) Carbon Disulfide	4.719	76	315777	18.894	ug/l #	95
17) Allyl chloride	5.037	41	129230	17.683	ug/l	93
18) Methylene Chloride	5.296	84	146573	18.642	ug/l	97
19) trans-1,2-Dichloroethene	5.795	96	135794	18.440	ug/l	90
20) Diisopropyl ether	6.684	45	330469	19.426	ug/l	98
21) 1,1-Dichloroethane	6.572	63	233741	18.801	ug/l	94
22) cis-1,2-Dichloroethene	7.489	96	162909	18.471	ug/l	96
23) tert-Butyl Alcohol	5.531	59	115604	90.870	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	444443m	19.226	ug/l	
25) Chloroform	7.972	83	271817	19.023	ug/l	98
26) Cyclohexane	8.260	56	191694	18.902	ug/l	99
29) 1,1-Dichloropropene	8.378	75	197926	19.055	ug/l	98
30) 2-Butanone	7.484	43	350588	92.062	ug/l	99
31) 2,2-Dichloropropane	7.495	77	231893	19.081	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	247791	18.482	ug/l	97
33) Carbon Tetrachloride	8.366	117	215185	18.492	ug/l	95
34) Benzene	8.607	78	593044	18.566	ug/l	96
35) Methacrylonitrile	7.784	41	73023	18.780	ug/l	95
36) 1,2-Dichloroethane	8.672	62	204689	18.763	ug/l	99
37) Trichloroethene	9.354	130	149706	18.543	ug/l	94
38) Methylcyclohexane	9.601	83	251910	18.460	ug/l	96
39) 1,2-Dichloropropane	9.625	63	132169	17.864	ug/l	92
40) Dibromomethane	9.713	93	106640	18.277	ug/l	98
41) Bromodichloromethane	9.889	83	213296	18.510	ug/l #	93
42) Vinyl Acetate	6.613	43	1164893m	97.127	ug/l	

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Instrument :
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 ClientSampleId :
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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	142906m	19.387	ug/l	
44) Isopropyl Acetate	8.689	43	251268	19.243	ug/l	94
45) 1,4-Dioxane	9.695	88	51254	323.673	ug/l #	96
46) Methyl methacrylate	9.683	41	109796	18.476	ug/l	99
47) n-amyl Acetate	12.495	43	190401	18.191	ug/l	99
48) t-1,3-Dichloropropene	10.836	75	211954	18.066	ug/l	96
49) cis-1,3-Dichloropropene	10.313	75	233440	18.432	ug/l	95
50) 1,1,2-Trichloroethane	11.019	97	154817	18.692	ug/l	94
51) Ethyl methacrylate	10.878	69	214784	18.731	ug/l	95
52) 1,3-Dichloropropane	11.166	76	247312	18.400	ug/l	99
53) Dibromochloromethane	11.360	129	152776	17.916	ug/l	96
54) 1,2-Dibromoethane	11.477	107	152144	17.950	ug/l	97
55) 2-Chloroethyl vinyl ether	10.160	63	401458	106.690	ug/l	99
56) Bromoform	12.583	173	94644	17.794	ug/l #	97
58) 4-Methyl-2-Pentanone	10.448	43	725857	96.494	ug/l	99
59) 2-Hexanone	11.195	43	520808	93.974	ug/l	99
61) Tetrachloroethene	11.107	164	117358	19.236	ug/l	94
62) Toluene	10.630	91	672871	19.154	ug/l	99
64) Chlorobenzene	11.895	112	405478	18.894	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.960	131	148401	19.350	ug/l	97
66) Ethyl Benzene	11.966	91	727249	18.960	ug/l	99
67) m/p-Xylenes	12.077	106	570887	38.220	ug/l	99
68) o-Xylene	12.401	106	278313	18.758	ug/l	95
69) Styrene	12.413	104	441481	19.136	ug/l	98
70) Isopropylbenzene	12.701	105	727832	19.326	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	212586	18.531	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	155459m	15.931	ug/l	
73) Bromobenzene	12.983	156	149996	18.521	ug/l	98
74) n-propylbenzene	13.036	91	819104	19.546	ug/l	98
75) 2-Chlorotoluene	13.124	91	495774	19.180	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	561412	19.339	ug/l	98
77) t-1,4-Dichloro-2-butene	12.742	75	59958	18.603	ug/l	89
78) 4-Chlorotoluene	13.224	91	475737	19.441	ug/l	100
79) tert-butylbenzene	13.442	119	515939	19.213	ug/l	98
80) 1,2,4-Trimethylbenzene	13.483	105	506181	18.959	ug/l	96
81) sec-Butylbenzene	13.619	105	725530	19.380	ug/l	99
82) p-Isopropyltoluene	13.736	119	564956	19.258	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	278462	19.655	ug/l	98
84) 1,4-Dichlorobenzene	13.813	146	273080	19.507	ug/l	97
85) n-Butylbenzene	14.060	91	440514	19.431	ug/l	99
86) Hexachloroethane	14.336	117	112323	18.900	ug/l	98
87) 1,2-Dichlorobenzene	14.107	146	272736	18.921	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.724	75	40086	18.904	ug/l	99
89) 1,2,4-Trichlorobenzene	15.395	180	61843	16.347	ug/l	98
90) Hexachlorobutadiene	15.507	225	56042	18.214	ug/l	95
91) Naphthalene	15.642	128	237544	17.200	ug/l	99
92) 1,2,3-Trichlorobenzene	15.848	180	62145	17.557	ug/l	93

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

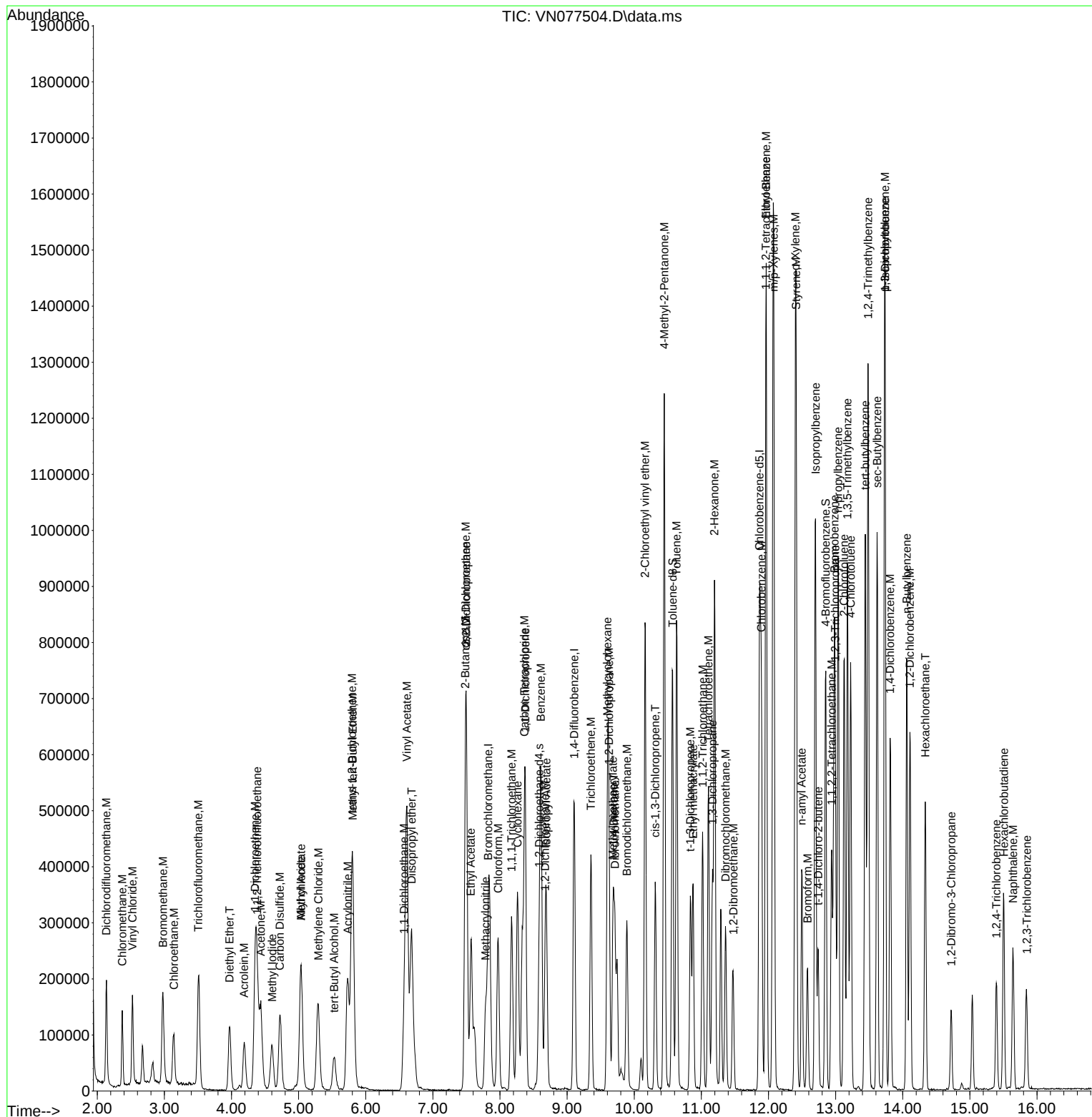
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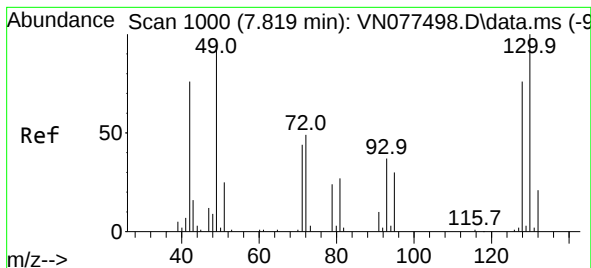
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.825 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN077504.D

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Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tgt Ion:128 Resp: 65160

Ion Ratio Lower Upper

128 100

49 131.9 0.0 338.5

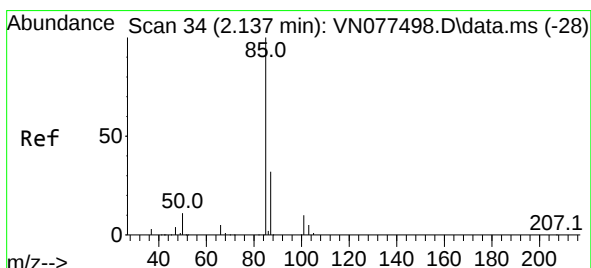
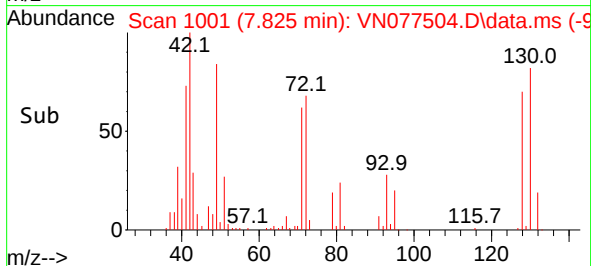
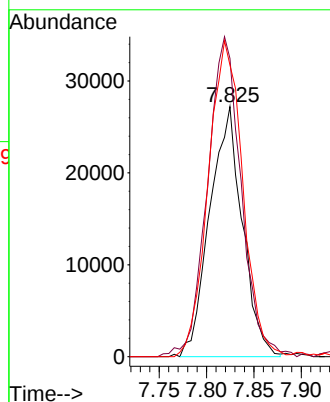
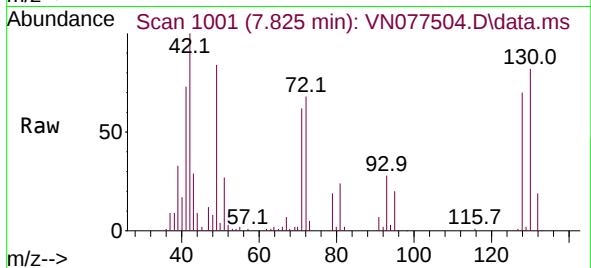
130 133.4 0.0 326.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#2

Dichlorodifluoromethane

Concen: 18.753 ug/l

RT: 2.137 min Scan# 34

Delta R.T. 0.000 min

Lab File: VN077504.D

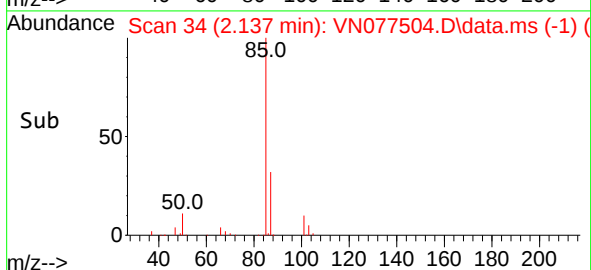
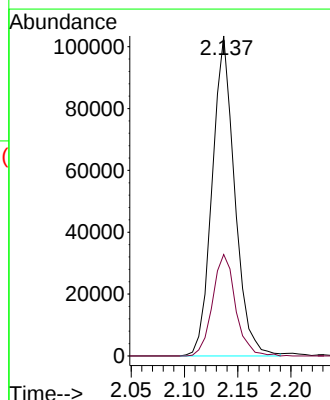
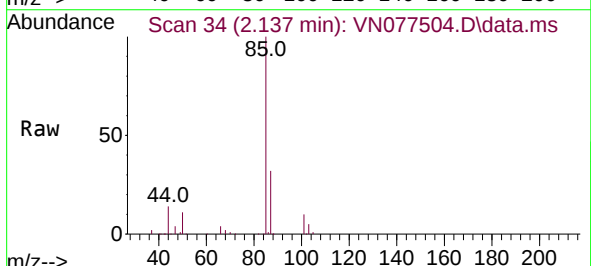
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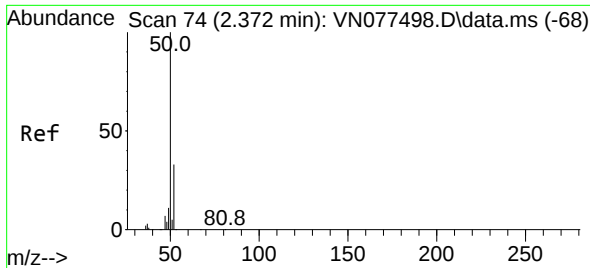
Tgt Ion: 85 Resp: 152126

Ion Ratio Lower Upper

85 100

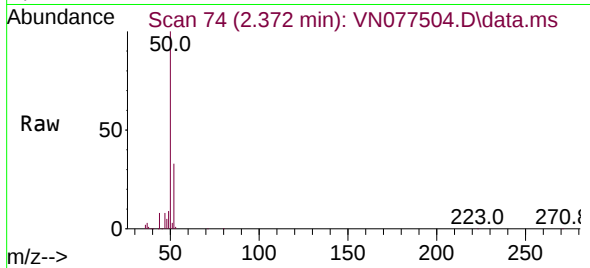
87 31.7 16.1 48.3





#3
Chloromethane
Concen: 19.041 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

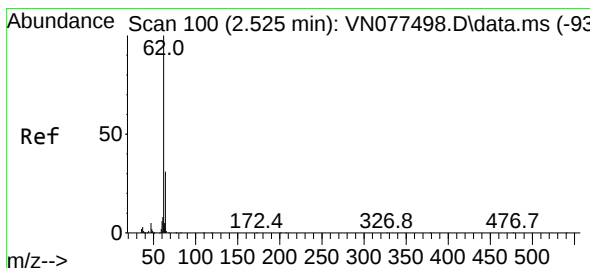
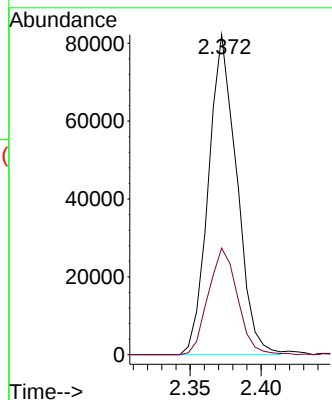
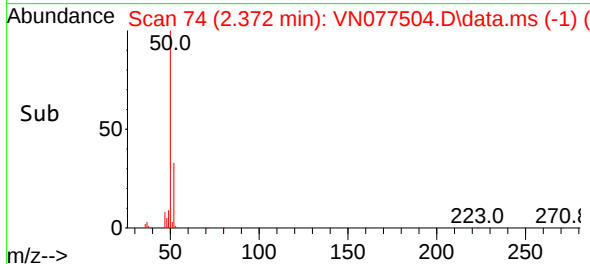
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 11410
Ion Ratio Lower Upper
50 100
52 33.3 26.6 39.8

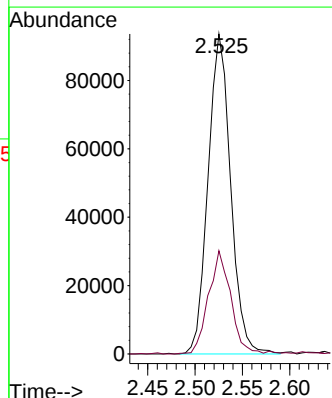
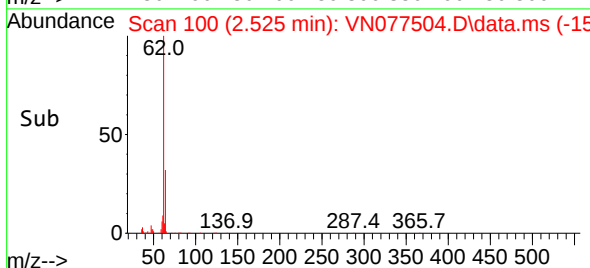
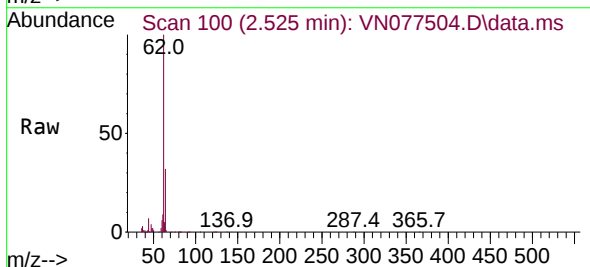
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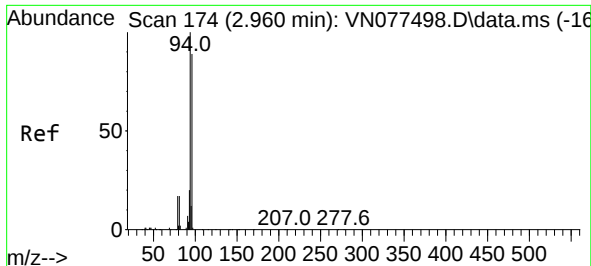
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#4
Vinyl Chloride
Concen: 18.624 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

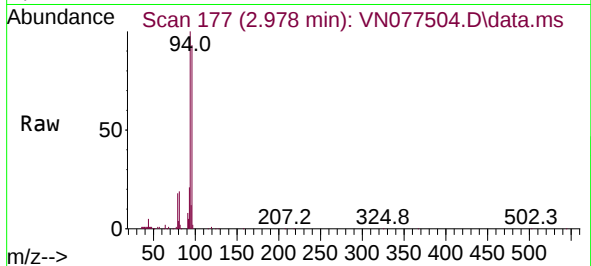
Tgt Ion: 62 Resp: 155228
Ion Ratio Lower Upper
62 100
64 32.0 27.1 40.7





#5
Bromomethane
Concen: 17.972 ug/l
RT: 2.978 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

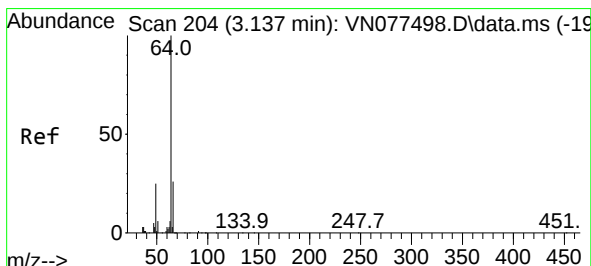
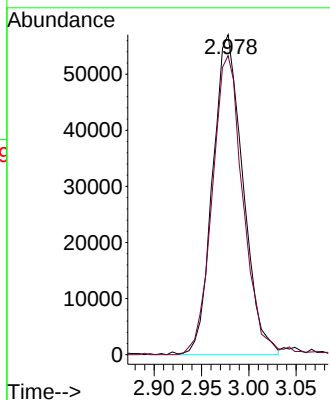
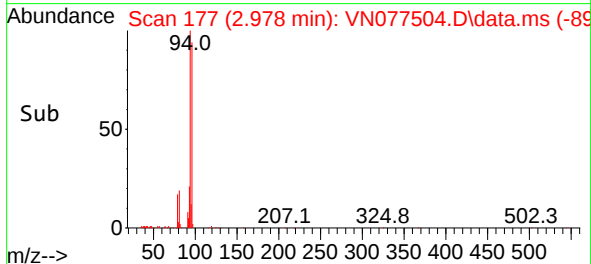
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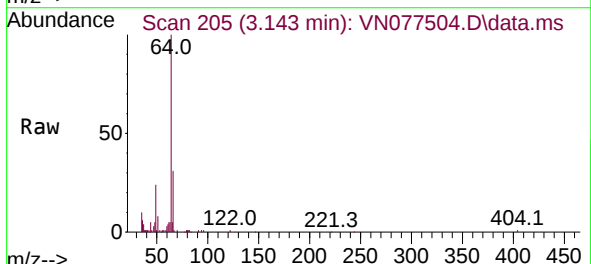
Tgt Ion: 94 Resp: 12645
Ion Ratio Lower Upper
94 100
96 93.7 72.6 108.8

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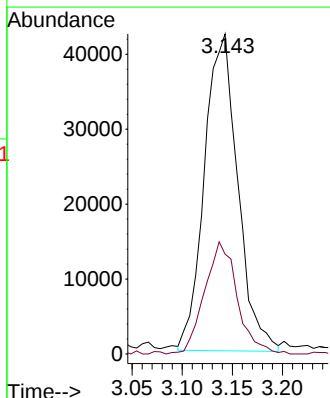
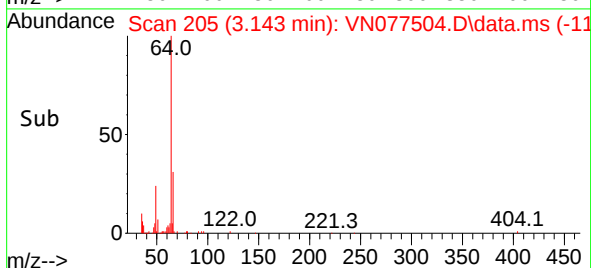
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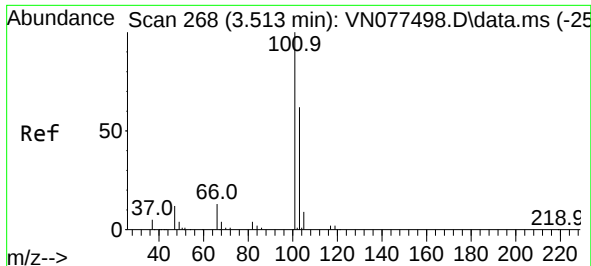


#6
Chloroethane
Concen: 16.302 ug/l
RT: 3.143 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41



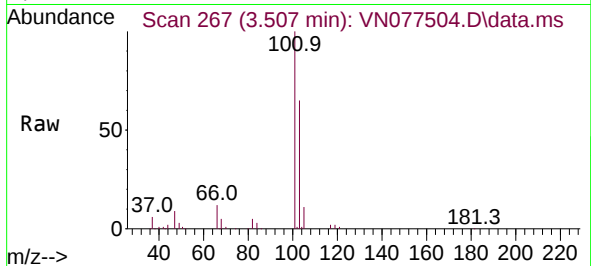
Tgt Ion: 64 Resp: 97850
Ion Ratio Lower Upper
64 100
66 31.4 29.1 43.7





#7
Trichlorofluoromethane
Concen: 18.347 ug/l
RT: 3.507 min Scan# 267
Delta R.T. -0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

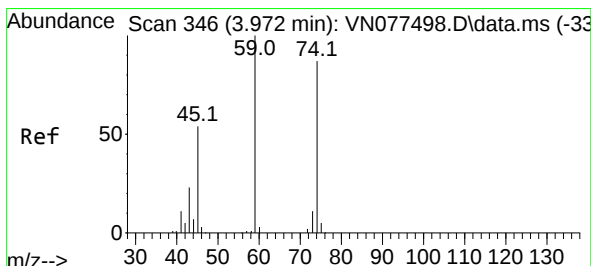
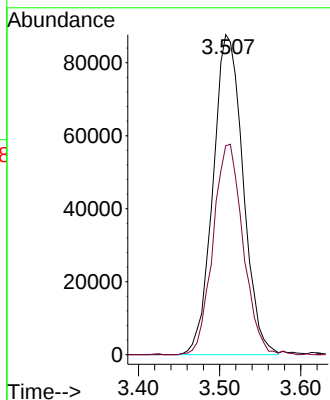
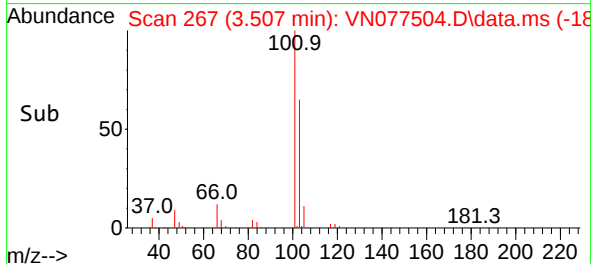
Instrument :
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Tgt Ion:101 Resp: 22552
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

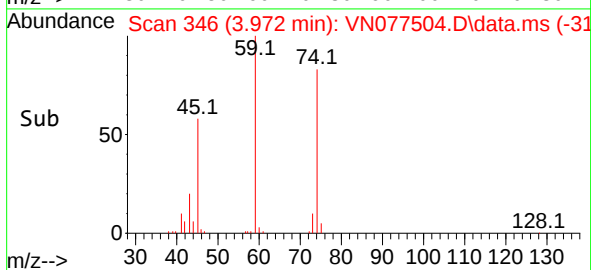
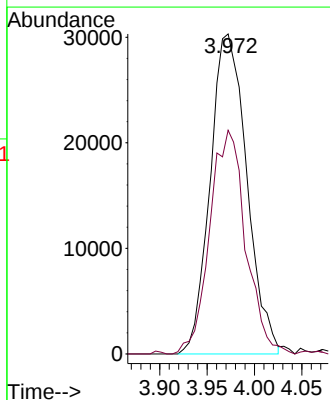
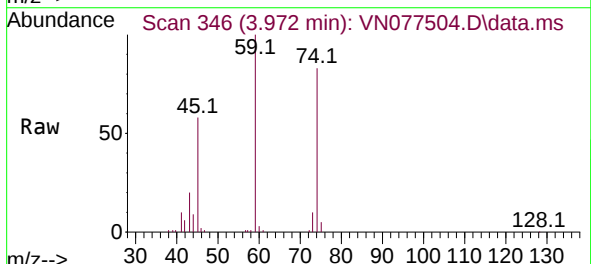
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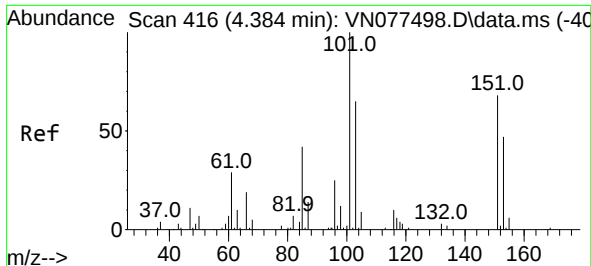
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#8
Diethyl Ether
Concen: 18.952 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

Tgt Ion: 74 Resp: 81519
Ion Ratio Lower Upper
74 100
45 68.6 13.6 122.0





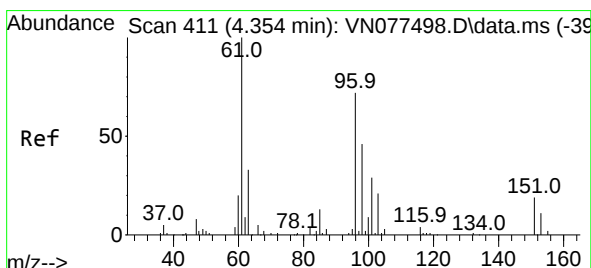
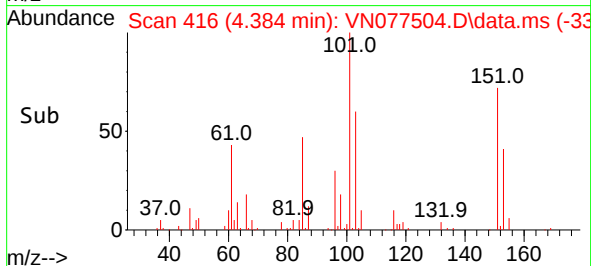
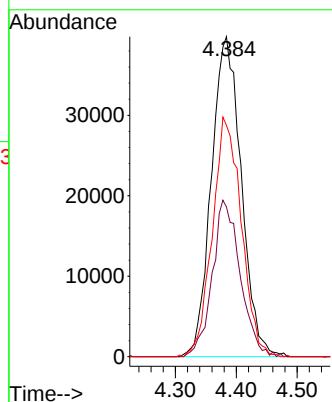
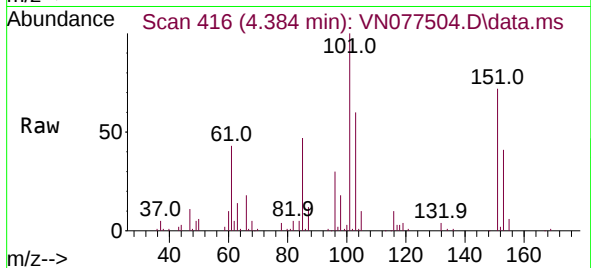
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.486 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tgt Ion:101 Resp: 135374
Ion Ratio Lower Upper
101 100
85 45.6 0.0 90.4
151 72.3 0.0 140.8

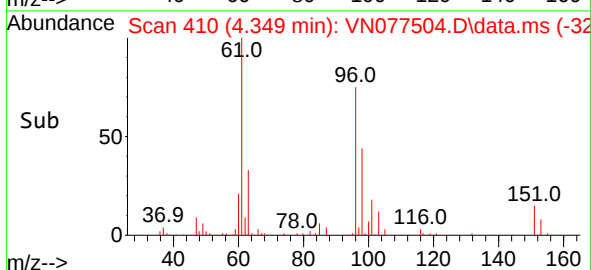
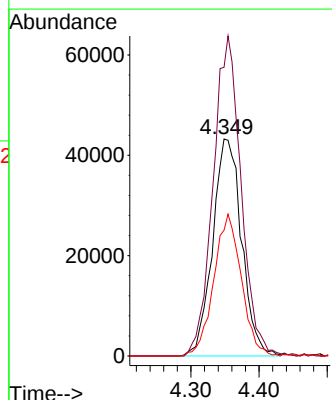
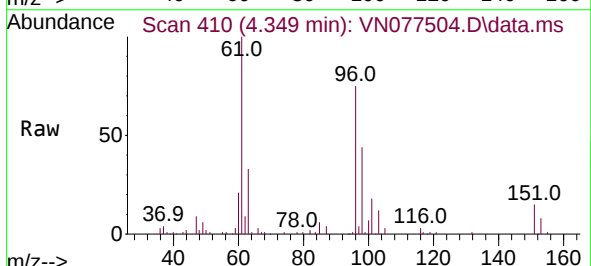
Manual Integrations
APPROVED

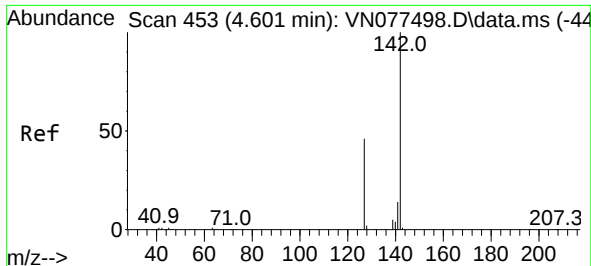
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#10
1,1-Dichloroethene
Concen: 19.171 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

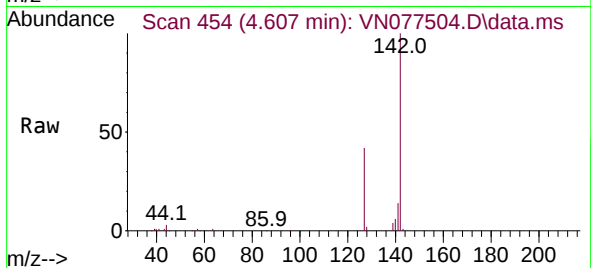
Tgt Ion: 96 Resp: 127766
Ion Ratio Lower Upper
96 100
61 133.0 108.8 163.2
98 58.0 43.5 65.3





#11
Methyl Iodide
Concen: 18.063 ug/l
RT: 4.607 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

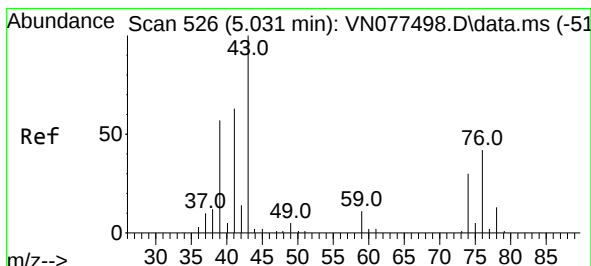
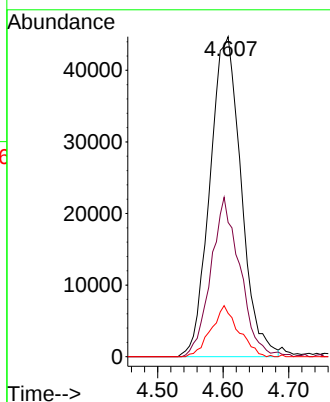
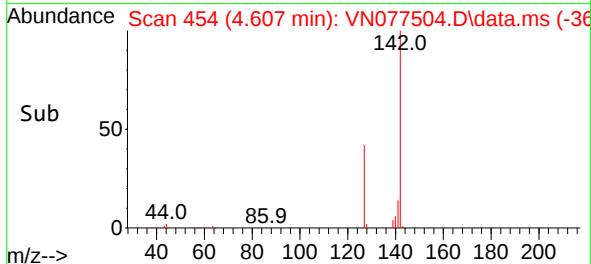
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion:142 Resp: 147692
Ion Ratio Lower Upper
142 100
127 41.7 23.1 69.3
141 13.7 6.0 18.0

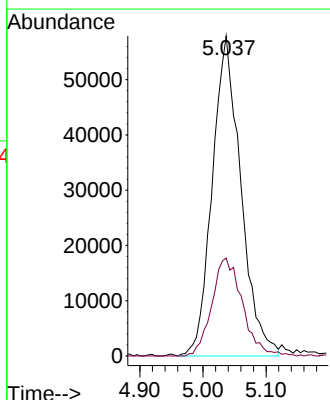
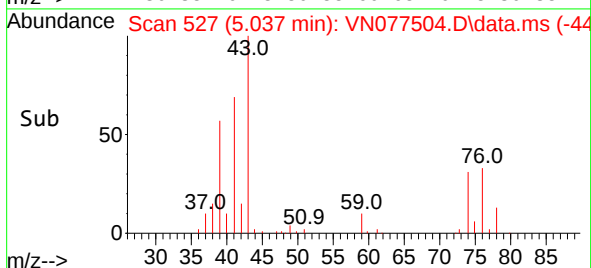
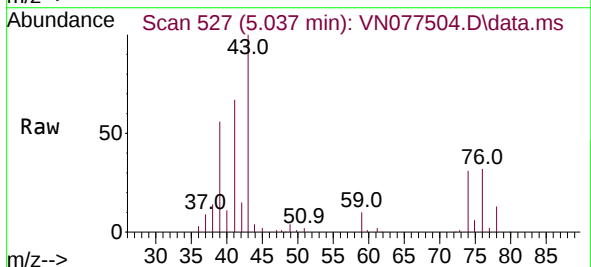
Manual Integrations
APPROVED

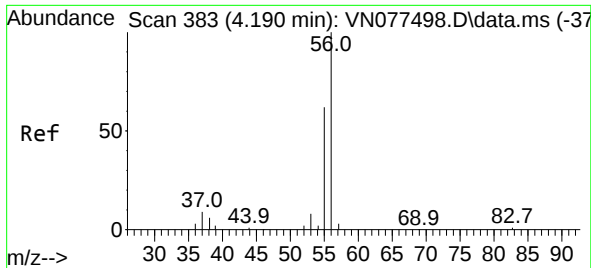
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#12
Methyl Acetate
Concen: 18.939 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

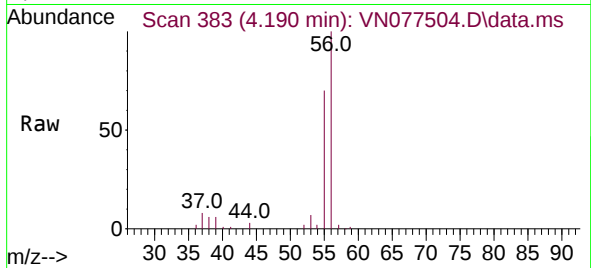
Tgt Ion: 43 Resp: 182044
Ion Ratio Lower Upper
43 100
74 30.2 25.8 38.8





#13
Acrolein
Concen: 97.922 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

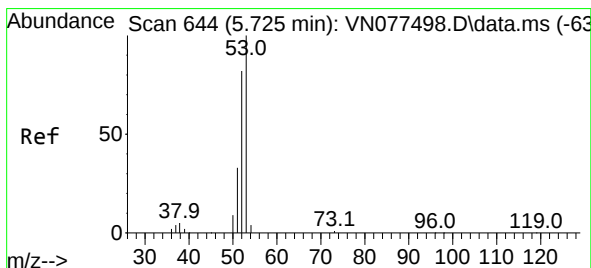
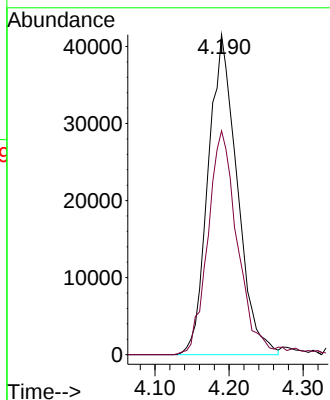
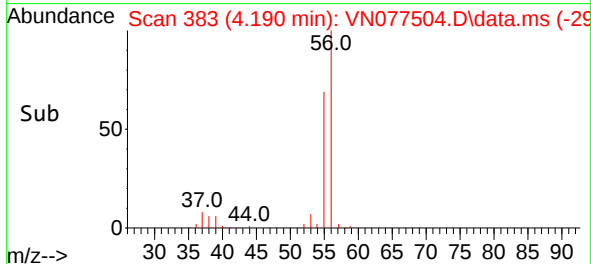
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 56 Resp: 112850
Ion Ratio Lower Upper
56 100
55 70.7 55.8 83.6

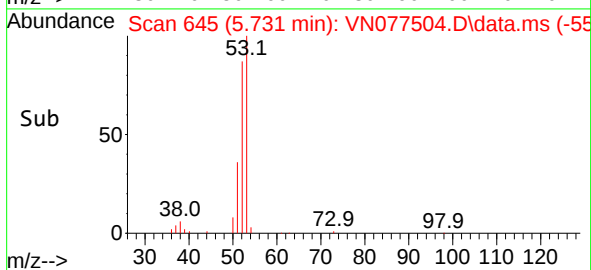
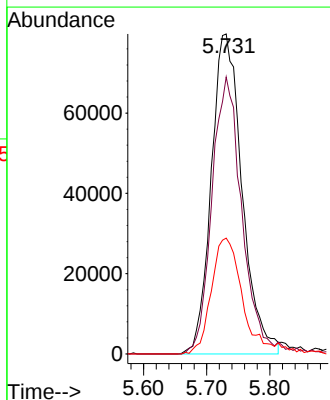
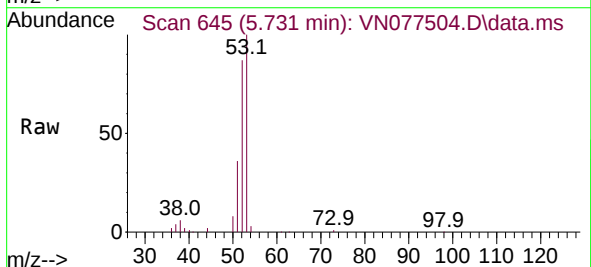
Manual Integrations
APPROVED

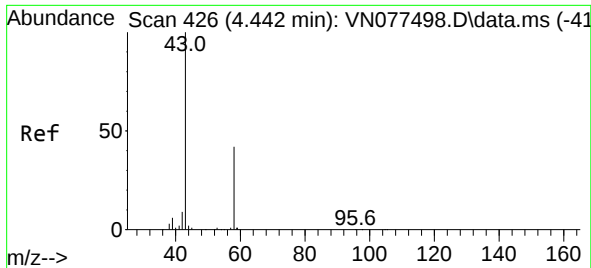
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#14
Acrylonitrile
Concen: 91.457 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

Tgt Ion: 53 Resp: 269695
Ion Ratio Lower Upper
53 100
52 83.2 41.9 125.6
51 34.2 18.0 54.0





#15

Acetone

Concen: 95.244 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tgt Ion: 58 Resp: 89674

Ion Ratio Lower Upper

58 100

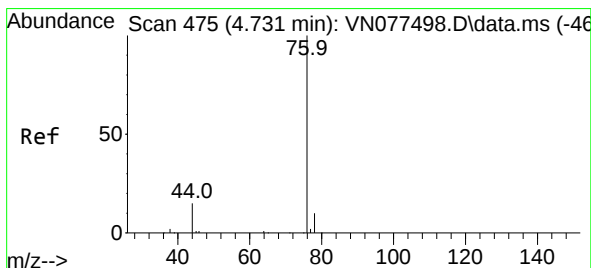
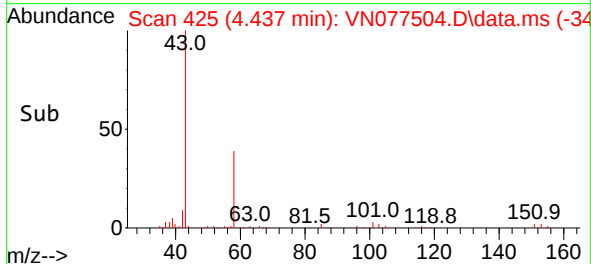
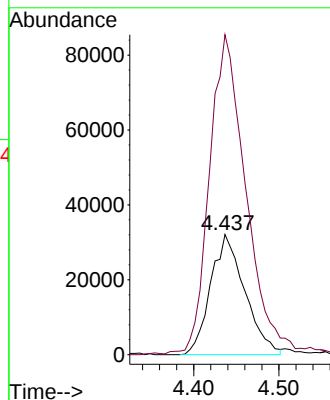
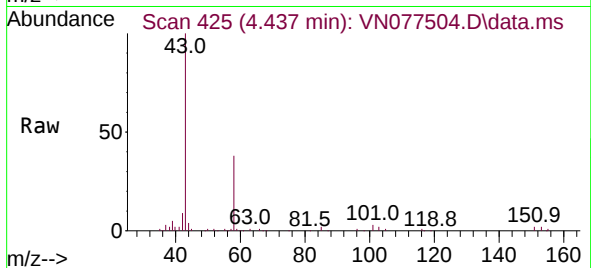
43 269.2 197.2 295.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#16

Carbon Disulfide

Concen: 18.894 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.012 min

Lab File: VN077504.D

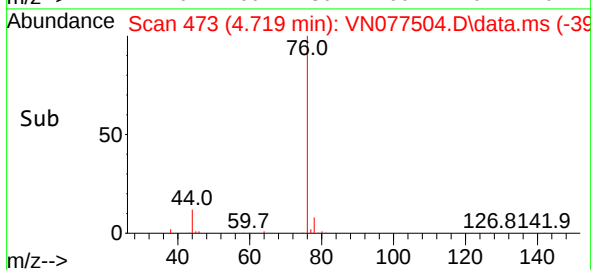
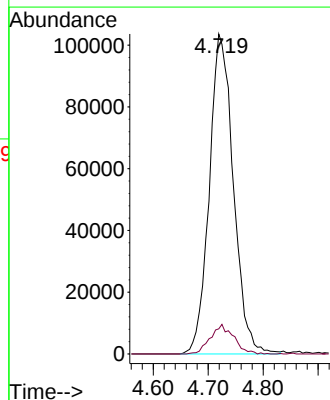
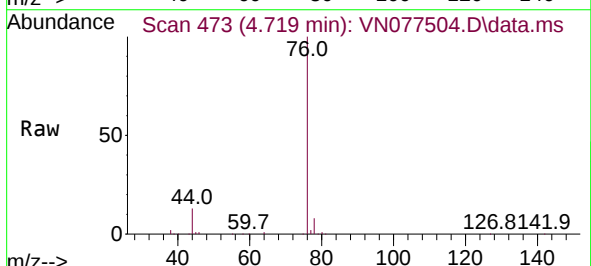
Acq: 28 Apr 2023 16:41

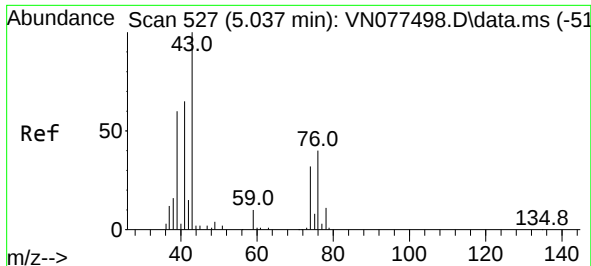
Tgt Ion: 76 Resp: 315777

Ion Ratio Lower Upper

76 100

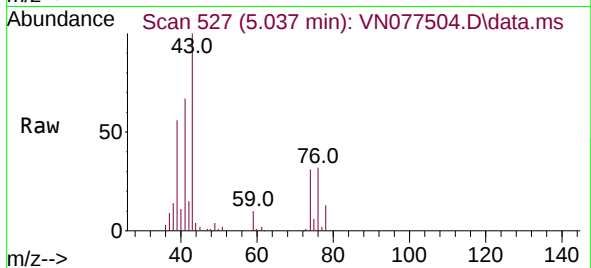
78 7.8 7.8 11.8#





#17
 Allyl chloride
 Concen: 17.683 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN077504.D
 Acq: 28 Apr 2023 16:41

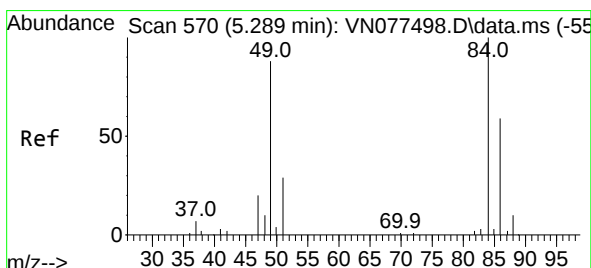
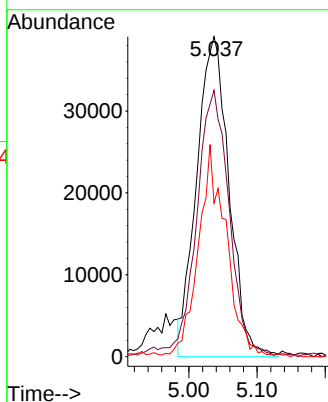
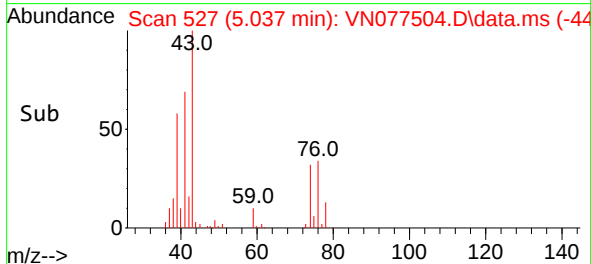
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01



Tgt Ion: 41 Resp: 129230
 Ion Ratio Lower Upper
 41 100
 39 83.0 38.6 116.0
 76 47.4 26.1 78.3

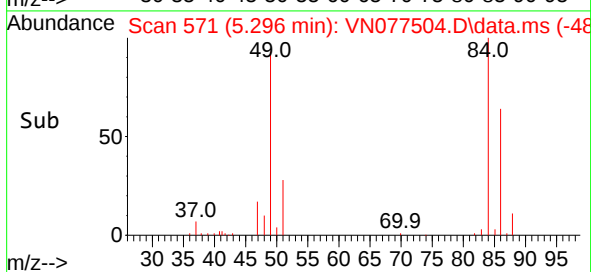
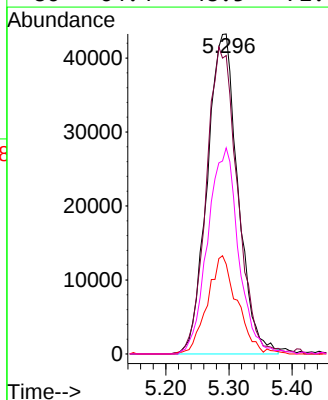
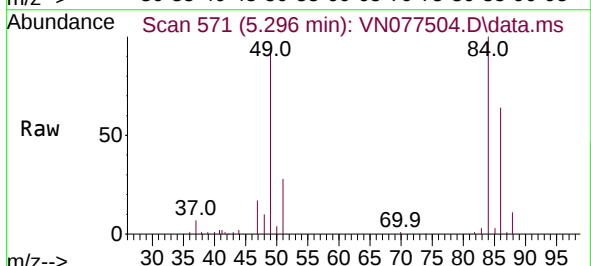
Manual Integrations
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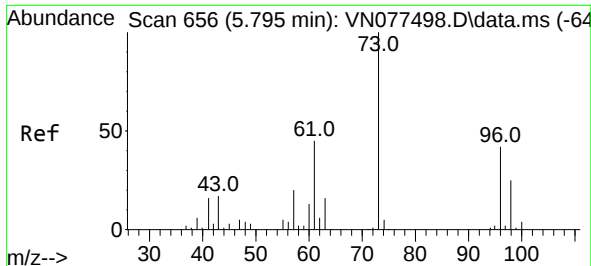
Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023



#18
 Methylene Chloride
 Concen: 18.642 ug/l
 RT: 5.296 min Scan# 571
 Delta R.T. 0.006 min
 Lab File: VN077504.D
 Acq: 28 Apr 2023 16:41

Tgt Ion: 84 Resp: 146573
 Ion Ratio Lower Upper
 84 100
 49 92.8 74.6 112.0
 51 27.5 25.0 37.6
 86 64.4 48.5 72.7





#19

trans-1,2-Dichloroethene

Concen: 18.440 ug/l

RT: 5.795 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077504.D

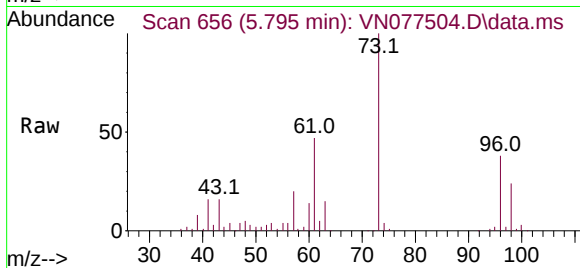
Acq: 28 Apr 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01



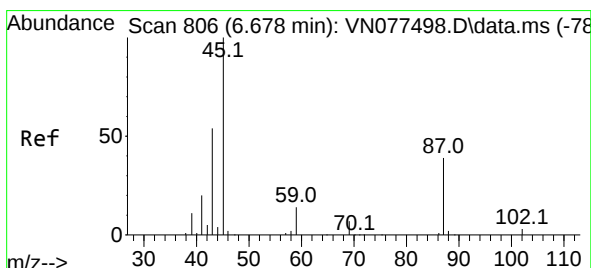
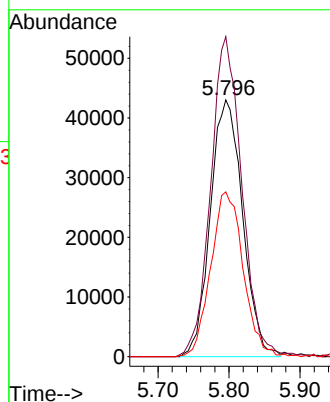
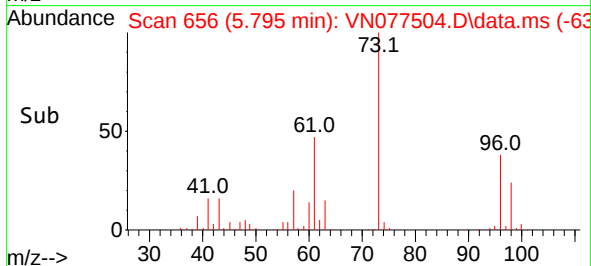
Tgt Ion:	96	Resp:	135794
Ion Ratio	100	Lower	Upper
96	100		
61	123.8	89.7	134.5
98	63.8	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#20

Diisopropyl ether

Concen: 19.426 ug/l

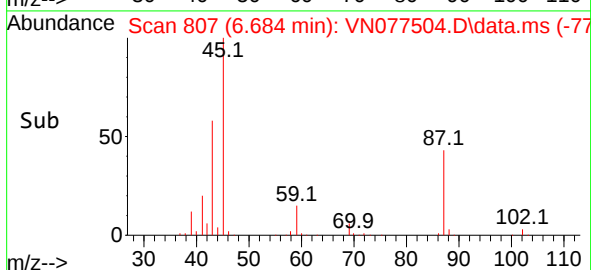
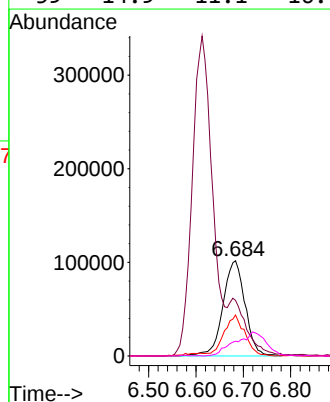
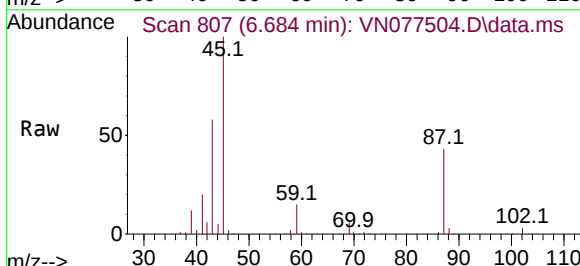
RT: 6.684 min Scan# 807

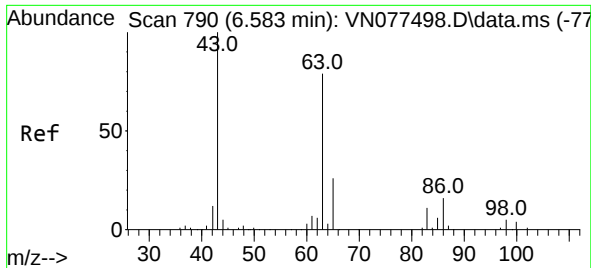
Delta R.T. 0.006 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

Tgt Ion:	45	Resp:	330469
Ion Ratio	100	Lower	Upper
45	100		
43	55.4	46.6	69.8
87	42.8	34.6	52.0
59	14.9	11.1	16.7





#21

1,1-Dichloroethane

Concen: 18.801 ug/l

RT: 6.572 min Scan# 790

Delta R.T. -0.012 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tgt Ion: 63 Resp: 23374

Ion Ratio Lower Upper

63 100

98 5.8 4.0 12.0

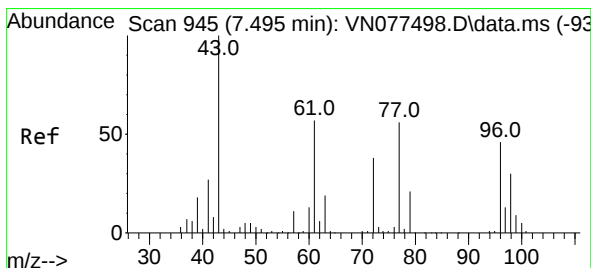
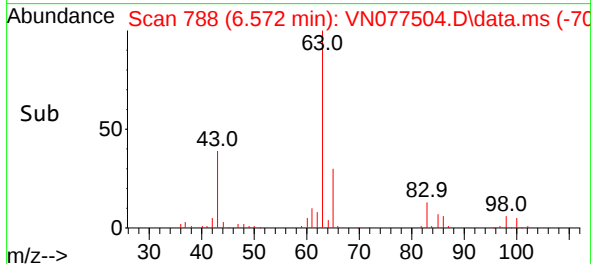
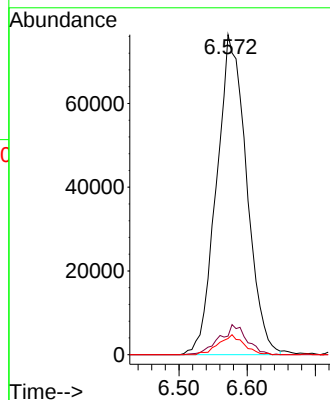
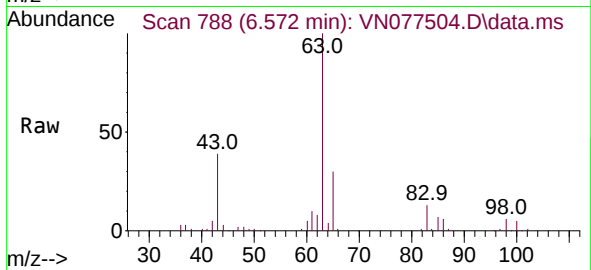
100 5.1 3.4 10.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#22

cis-1,2-Dichloroethene

Concen: 18.471 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.006 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

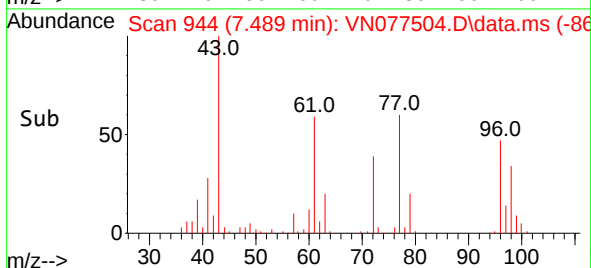
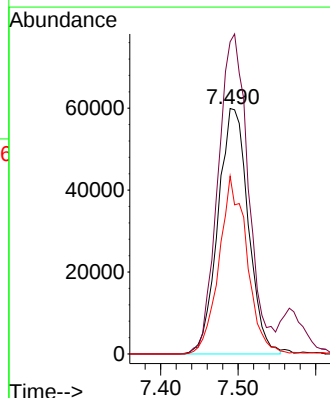
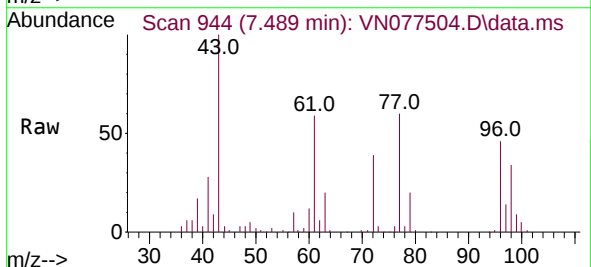
Tgt Ion: 96 Resp: 162909

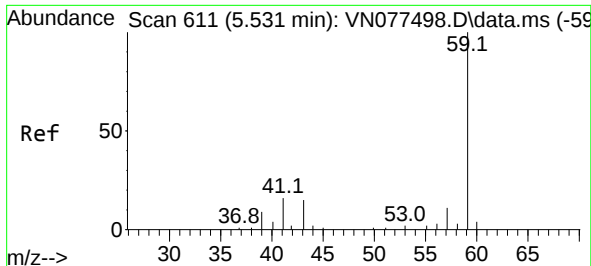
Ion Ratio Lower Upper

96 100

61 131.0 100.2 150.2

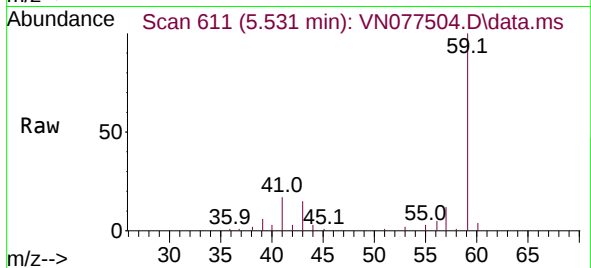
98 66.7 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 90.870 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

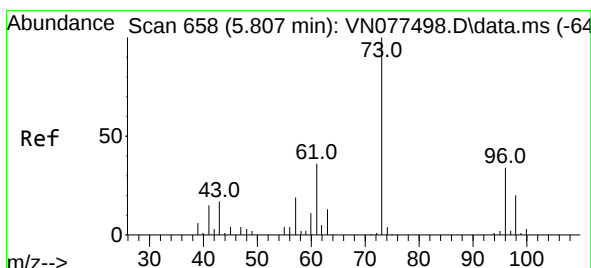
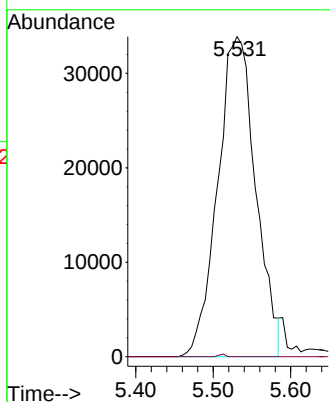
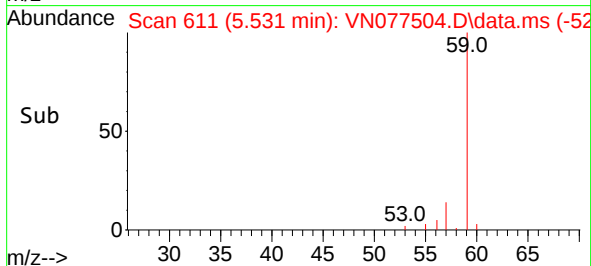
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 59 Resp: 115604
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

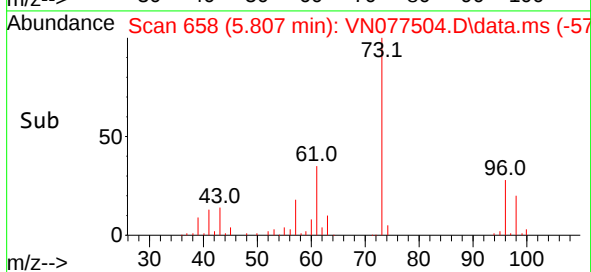
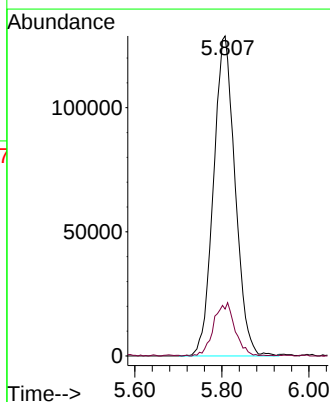
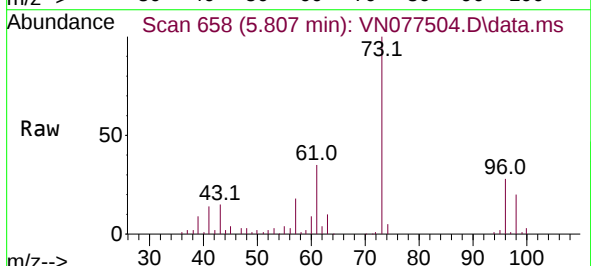
Manual Integrations
APPROVED

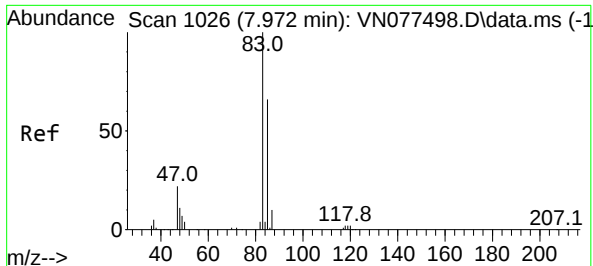
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#24
Methyl tert-Butyl Ether
Concen: 19.226 ug/l m
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

Tgt Ion: 73 Resp: 444443
Ion Ratio Lower Upper
73 100
43 0.0 13.5 20.3





#25

Chloroform

Concen: 19.023 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tgt Ion: 83 Resp: 27181

Ion Ratio Lower Upper

83 100

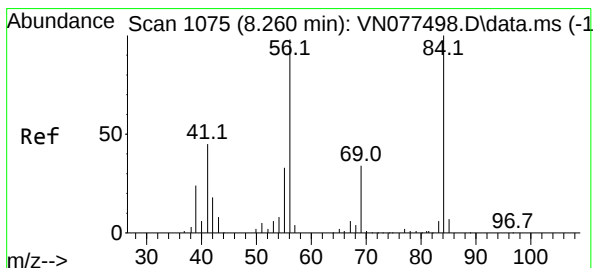
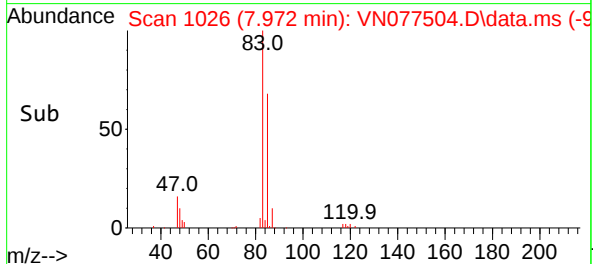
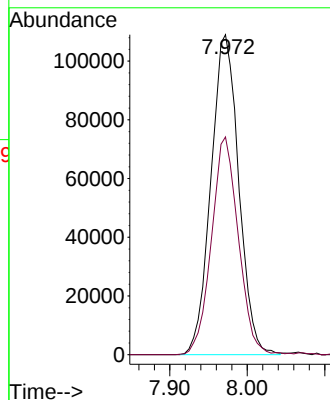
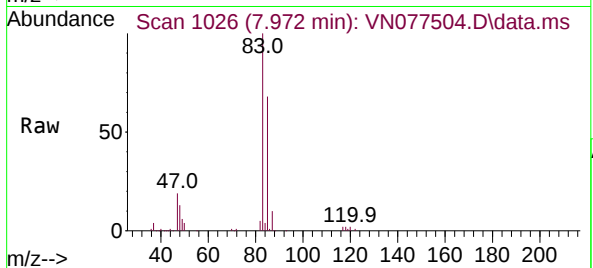
85 67.9 53.0 79.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#26

Cyclohexane

Concen: 18.902 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

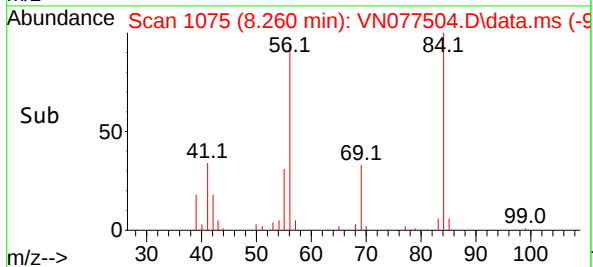
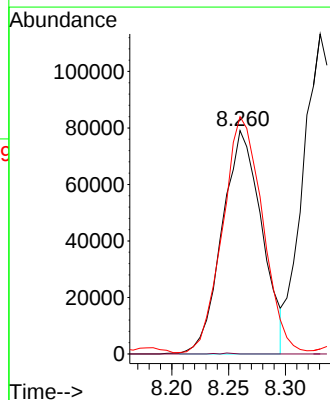
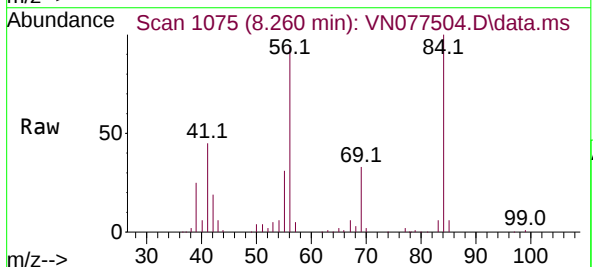
Tgt Ion: 56 Resp: 191694

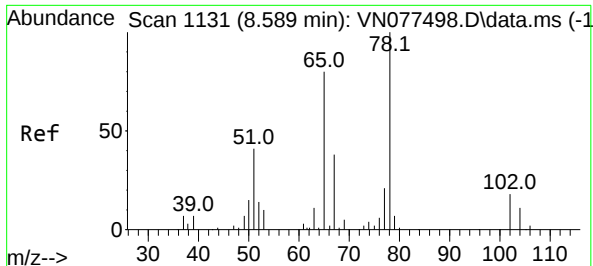
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1

84 107.6 85.4 128.2





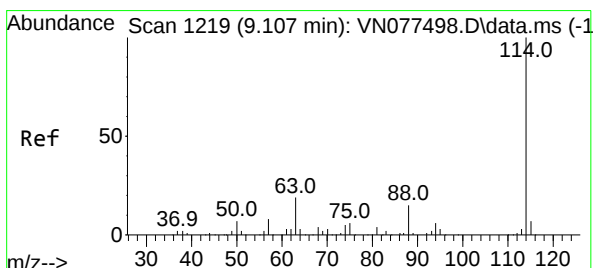
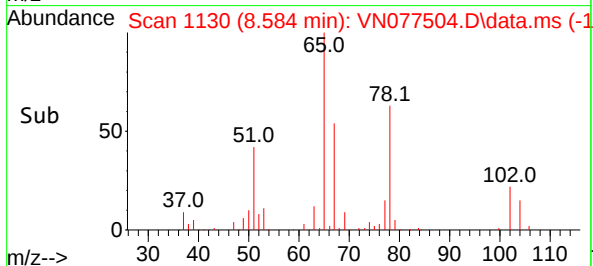
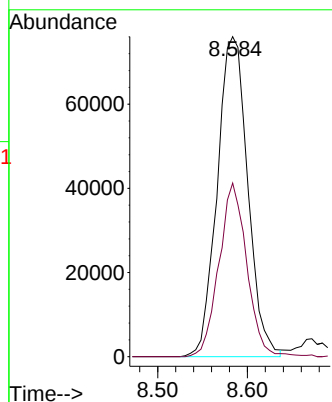
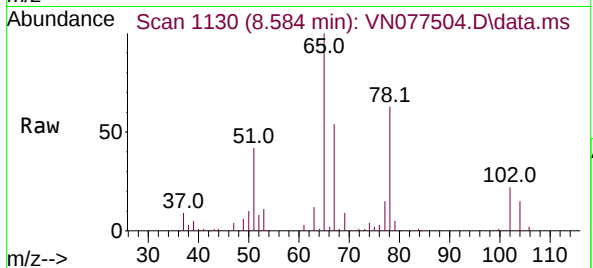
#27
1,2-Dichloroethane-d4
Concen: 30.912 ug/l
RT: 8.584 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tgt Ion: 65 Resp: 17957
Ion Ratio Lower Upper
65 100
67 49.0 40.2 60.2

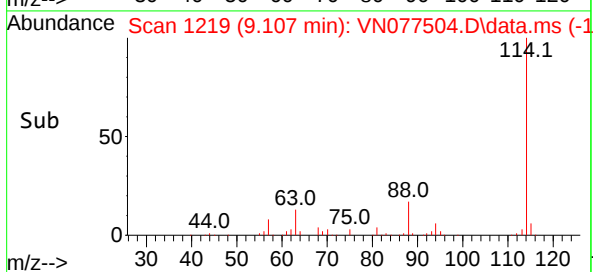
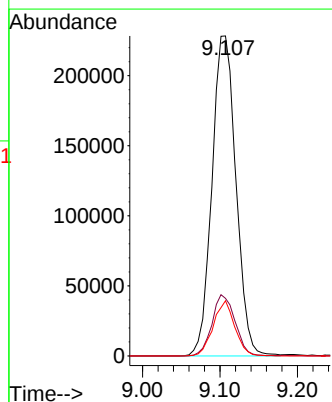
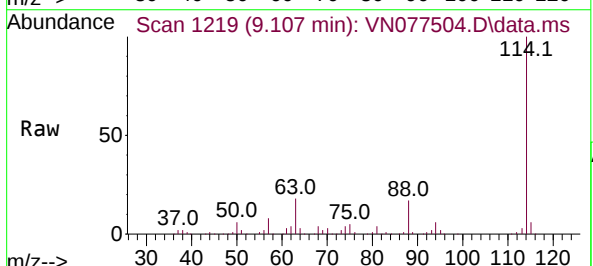
Manual Integrations
APPROVED

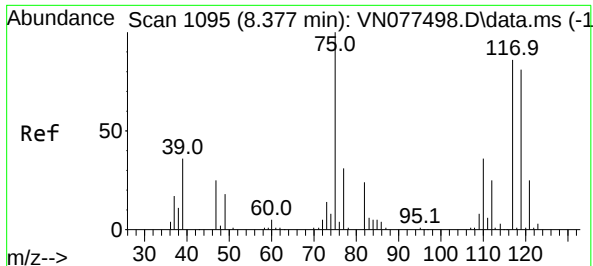
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

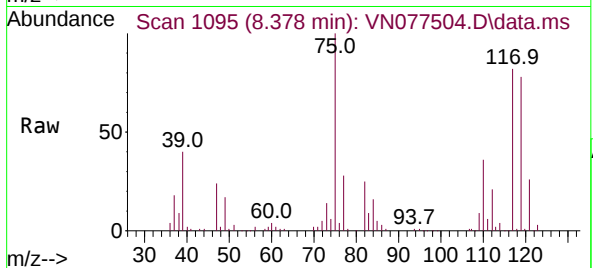
Tgt Ion:114 Resp: 492769
Ion Ratio Lower Upper
114 100
63 18.4 14.1 21.1
88 15.5 12.3 18.5





#29
1,1-Dichloropropene
Concen: 19.055 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

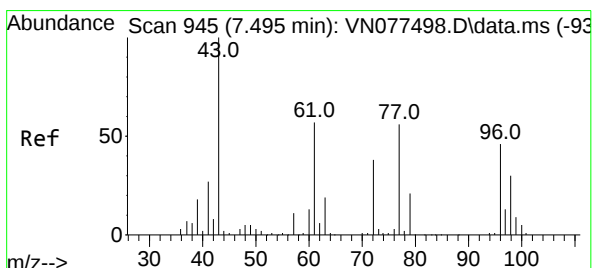
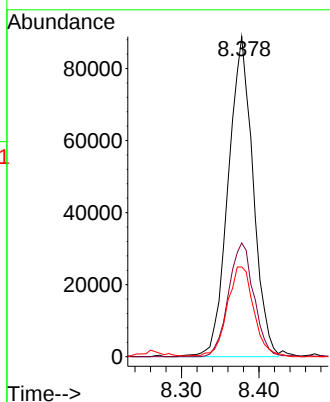
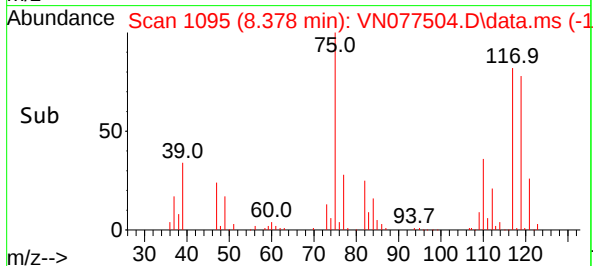
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



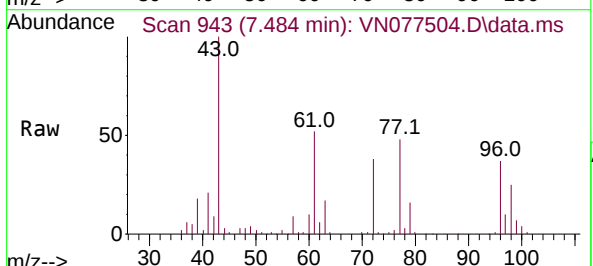
Tgt Ion: 75 Resp: 197920
Ion Ratio Lower Upper
75 100
110 36.2 0.0 74.0
77 30.0 0.0 62.8

Manual Integrations
APPROVED

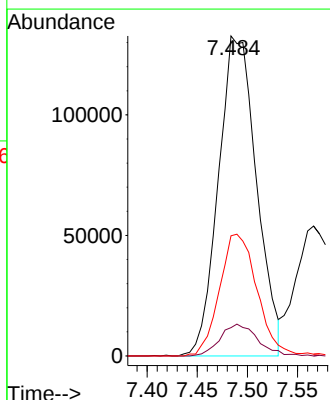
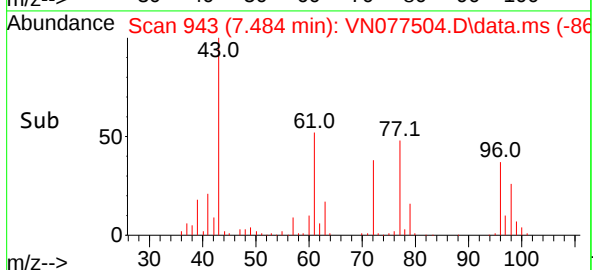
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

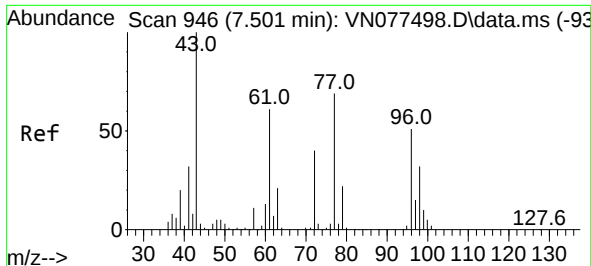


#30
2-Butanone
Concen: 92.062 ug/l
RT: 7.484 min Scan# 943
Delta R.T. -0.012 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41



Tgt Ion: 43 Resp: 350588
Ion Ratio Lower Upper
43 100
57 9.6 8.0 12.0
72 37.5 30.4 45.6





#31

2,2-Dichloropropane

Concen: 19.081 ug/l

RT: 7.495 min Scan# 946

Delta R.T. -0.006 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tgt Ion: 77 Resp: 23189

Ion Ratio Lower Upper

77 100

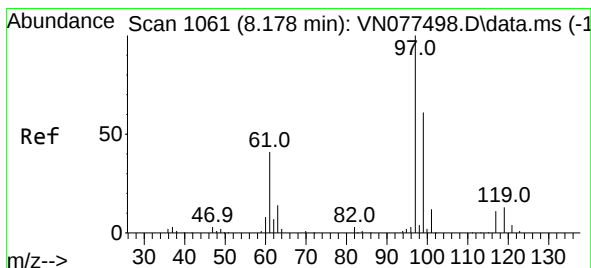
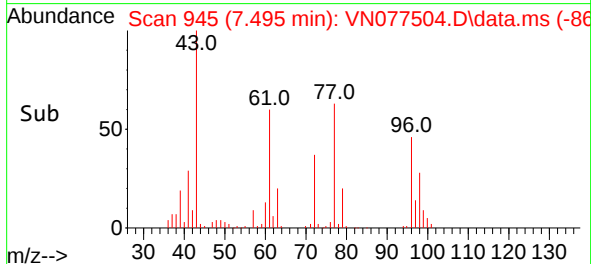
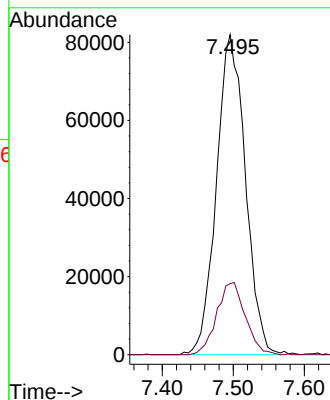
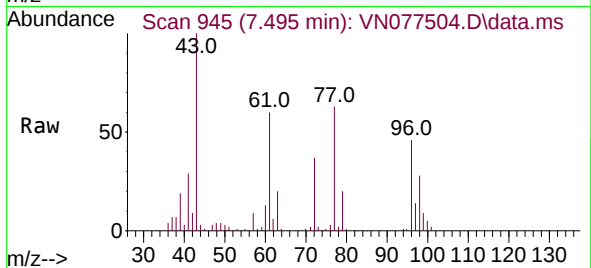
97 22.3 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#32

1,1,1-Trichloroethane

Concen: 18.482 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

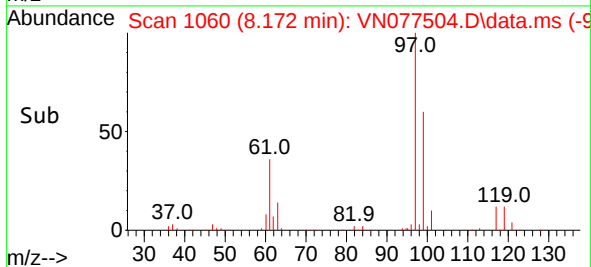
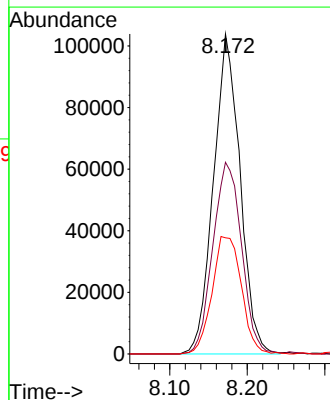
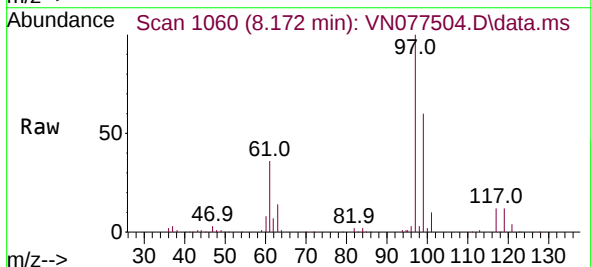
Tgt Ion: 97 Resp: 247791

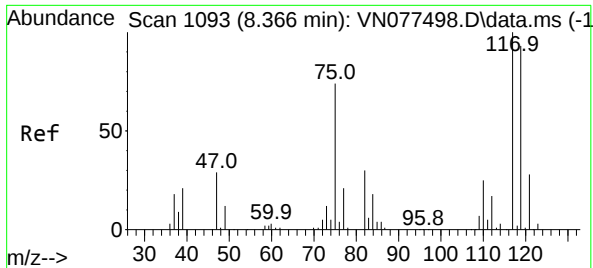
Ion Ratio Lower Upper

97 100

99 64.7 50.1 75.1

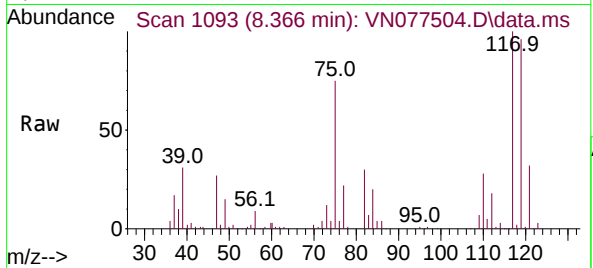
61 40.4 31.1 46.7





#33
Carbon Tetrachloride
Concen: 18.492 ug/l
RT: 8.366 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

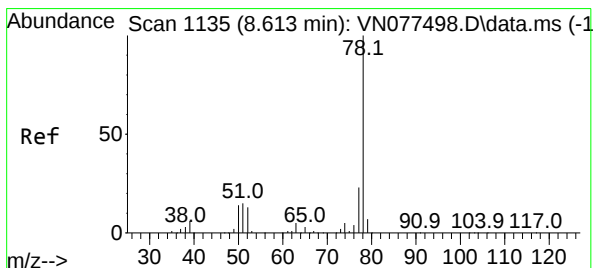
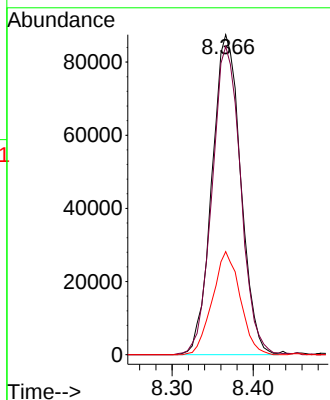
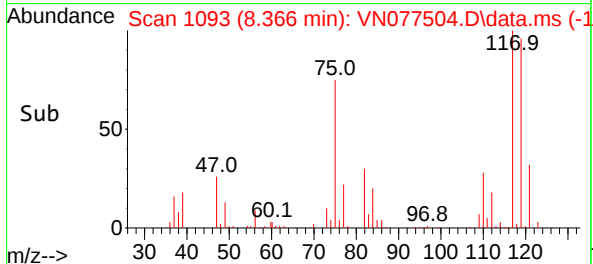
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



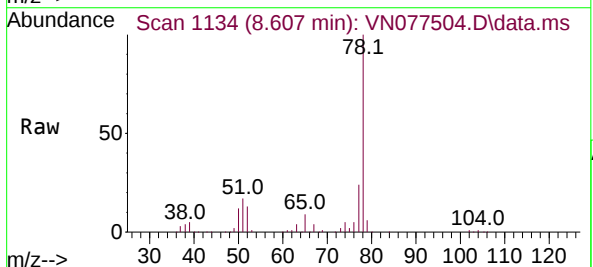
Tgt Ion:117 Resp: 21518
Ion Ratio Lower Upper
117 100
119 96.0 72.6 109.0
121 32.2 24.3 36.5

Manual Integrations
APPROVED

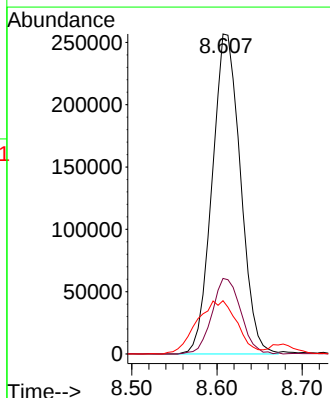
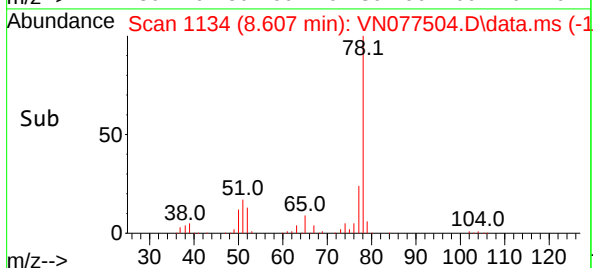
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

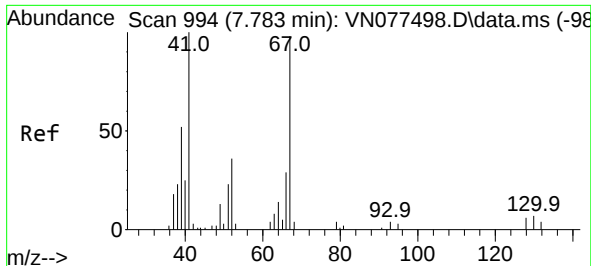


#34
Benzene
Concen: 18.566 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41



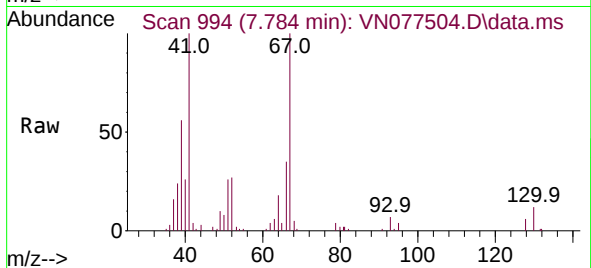
Tgt Ion: 78 Resp: 593044
Ion Ratio Lower Upper
78 100
77 23.6 17.1 25.7
51 15.1 11.3 16.9





#35
Methacrylonitrile
Concen: 18.780 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

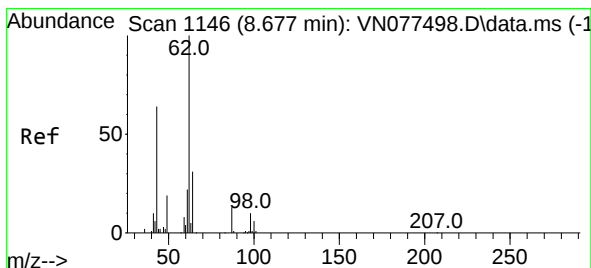
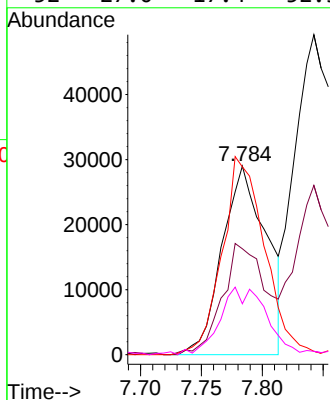
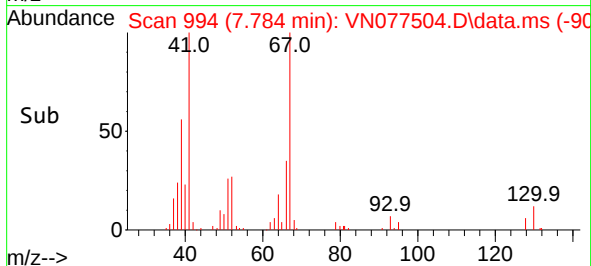
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 41 Resp: 73023
Ion Ratio Lower Upper
41 100
39 54.9 25.9 77.8
67 98.8 48.1 144.4
52 27.0 17.4 52.3

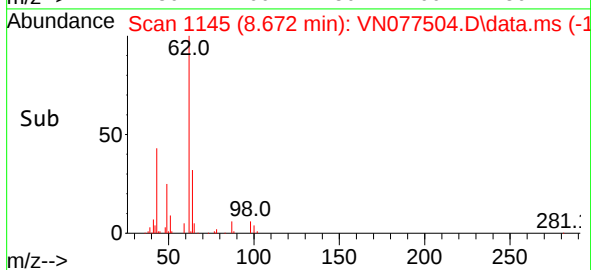
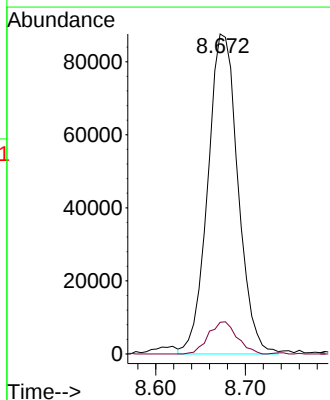
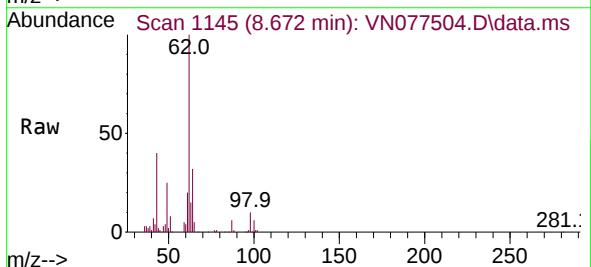
Manual Integrations
APPROVED

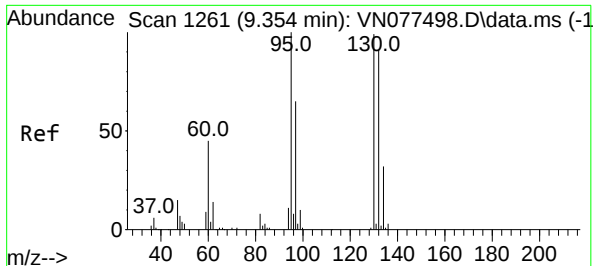
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#36
1,2-Dichloroethane
Concen: 18.763 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

Tgt Ion: 62 Resp: 204689
Ion Ratio Lower Upper
62 100
98 9.5 8.0 12.0





#37

Trichloroethene

Concen: 18.543 ug/l

RT: 9.354 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tgt Ion:130 Resp: 149700

Ion Ratio Lower Upper

130 100

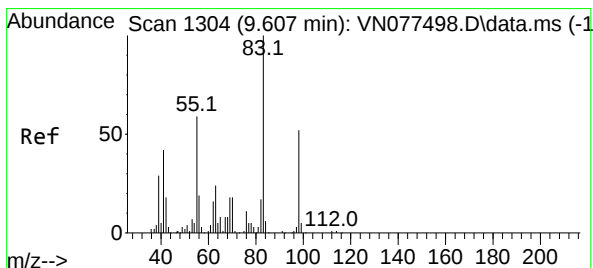
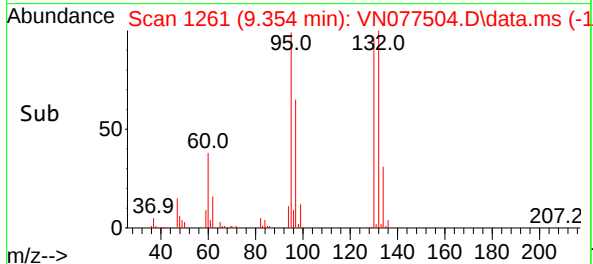
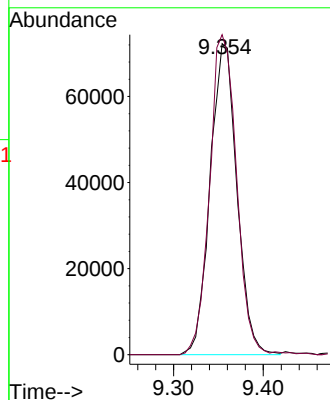
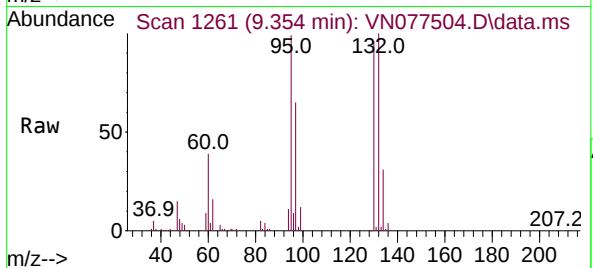
95 102.9 87.1 130.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#38

Methylcyclohexane

Concen: 18.460 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

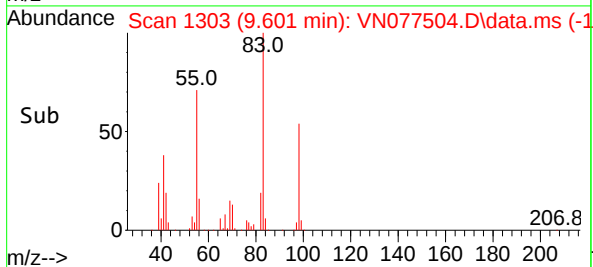
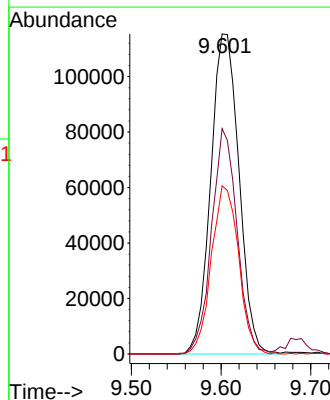
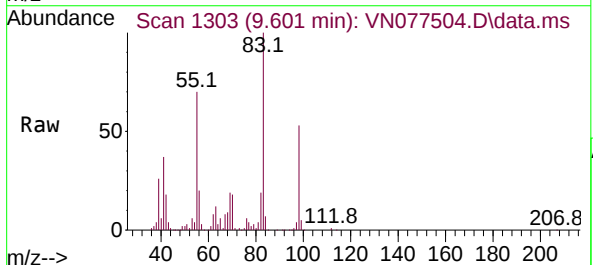
Tgt Ion: 83 Resp: 251910

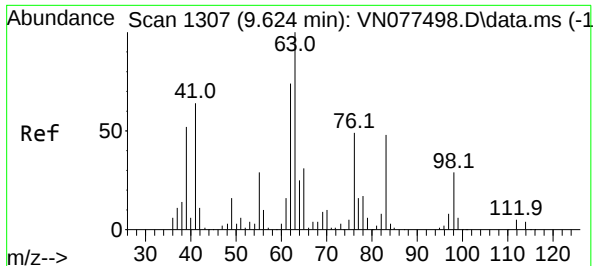
Ion Ratio Lower Upper

83 100

55 63.7 29.6 88.9

98 50.7 25.1 75.3





#39

1,2-Dichloropropane

Concen: 17.864 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tgt Ion: 63 Resp: 132169

Ion Ratio Lower Upper

63 100

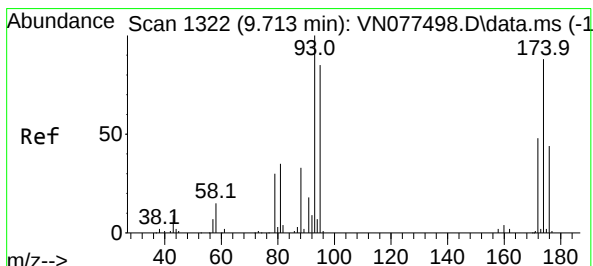
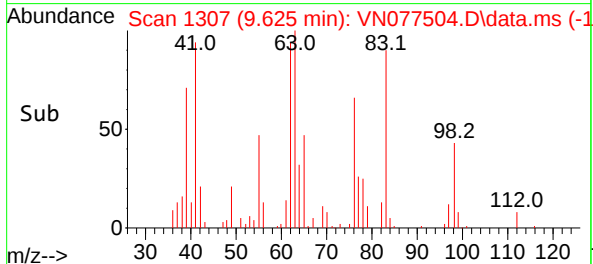
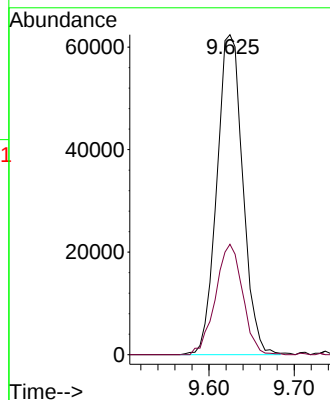
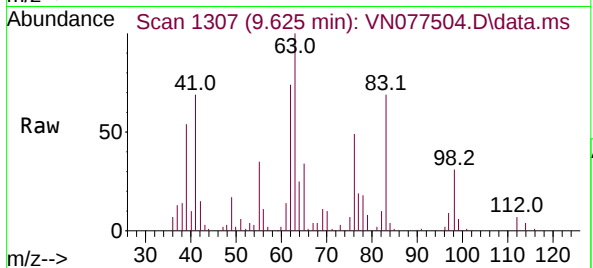
65 34.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#40

Dibromomethane

Concen: 18.277 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

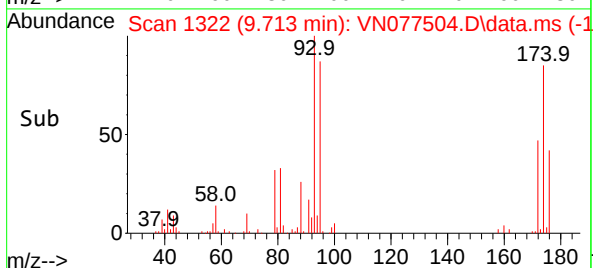
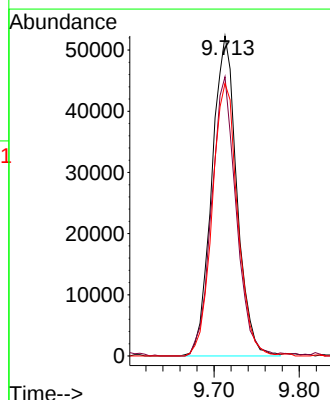
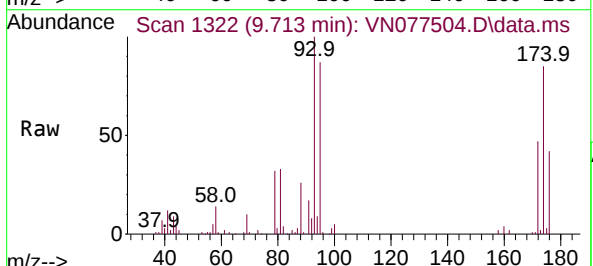
Tgt Ion: 93 Resp: 106640

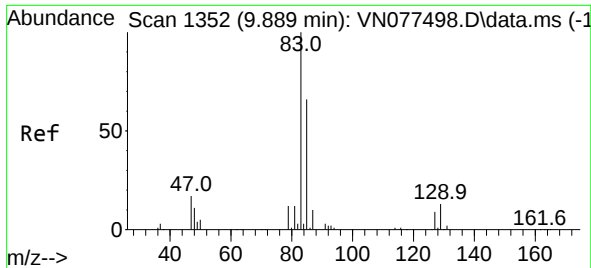
Ion Ratio Lower Upper

93 100

95 85.3 0.0 171.0

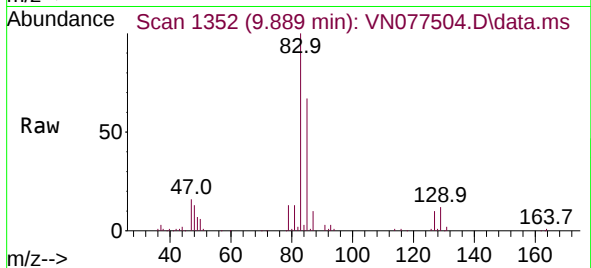
174 86.2 0.0 164.2





#41
Bromodichloromethane
Concen: 18.510 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

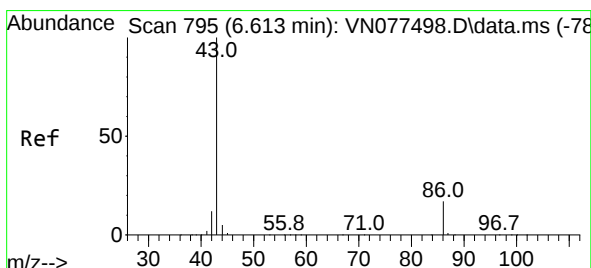
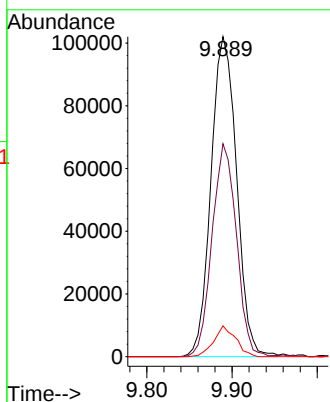
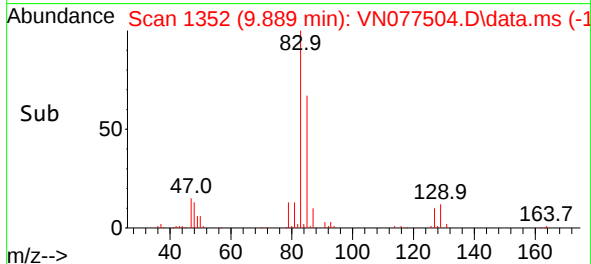
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 83 Resp: 213290
Ion Ratio Lower Upper
83 100
85 66.5 49.2 73.8
127 9.7 6.1 9.1

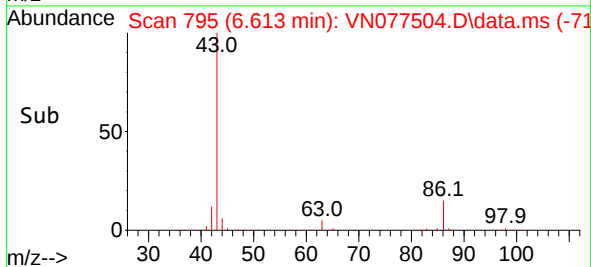
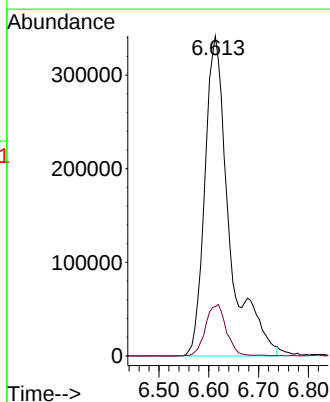
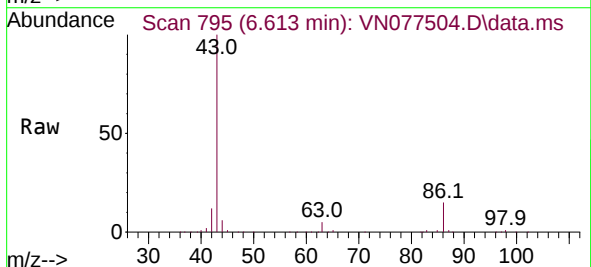
Manual Integrations
APPROVED

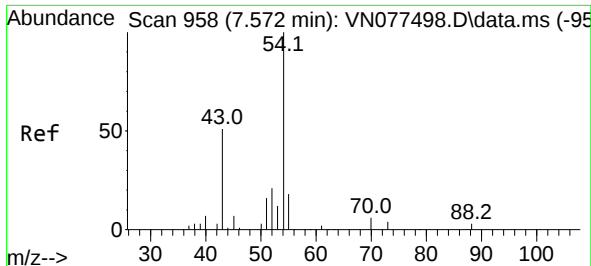
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#42
Vinyl Acetate
Concen: 97.127 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

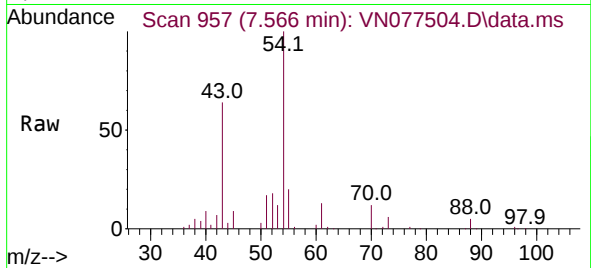
Tgt Ion: 43 Resp: 1164893
Ion Ratio Lower Upper
43 100
86 13.6 12.6 18.8





#43
Ethyl Acetate
Concen: 19.387 ug/l m
RT: 7.566 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

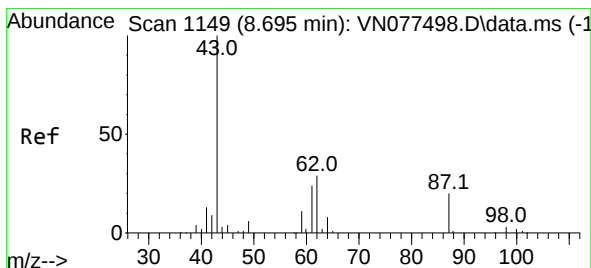
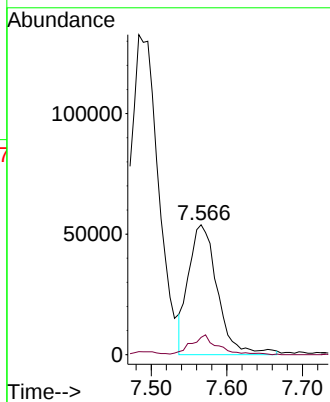
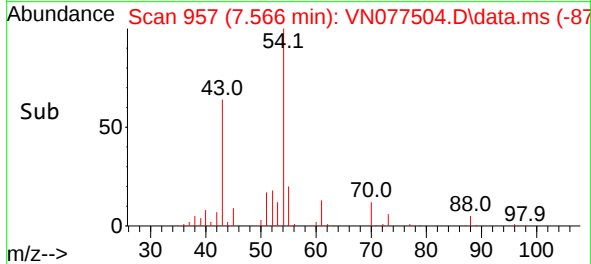
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 43 Resp: 142900
Ion Ratio Lower Upper
43 100
45 1.9 4.8 7.2

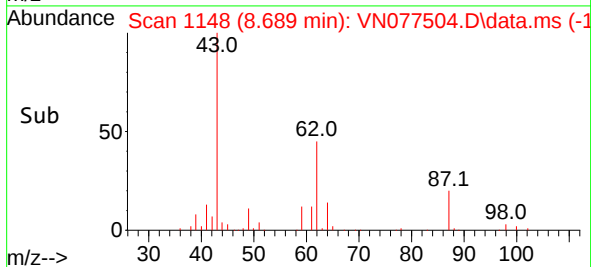
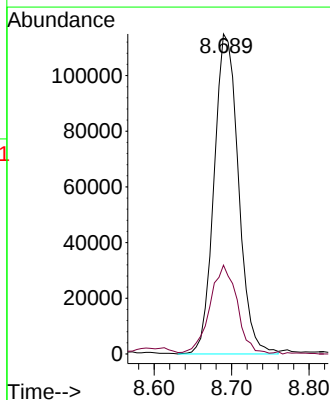
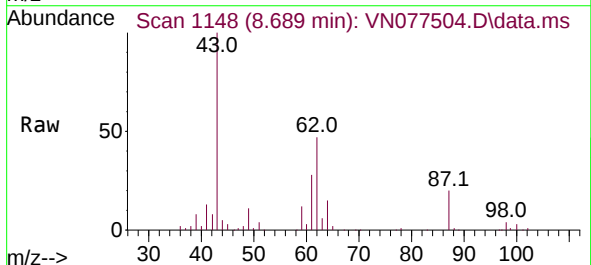
Manual Integrations
APPROVED

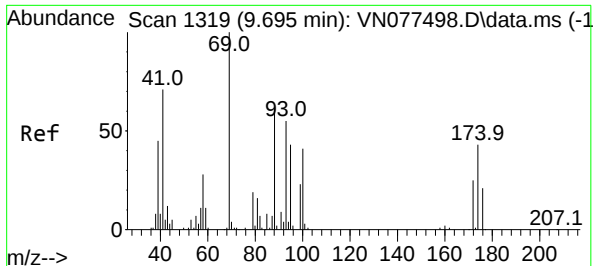
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#44
Isopropyl Acetate
Concen: 19.243 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

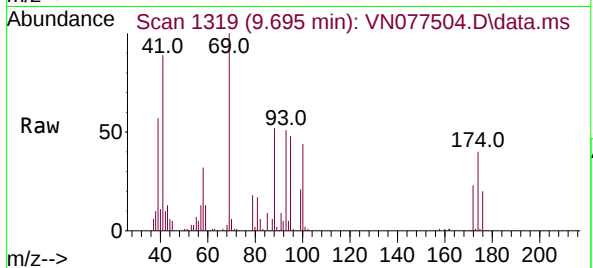
Tgt Ion: 43 Resp: 251268
Ion Ratio Lower Upper
43 100
61 30.4 27.2 40.8





#45
1,4-Dioxane
Concen: 323.673 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

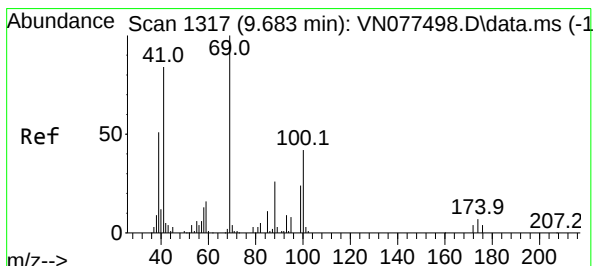
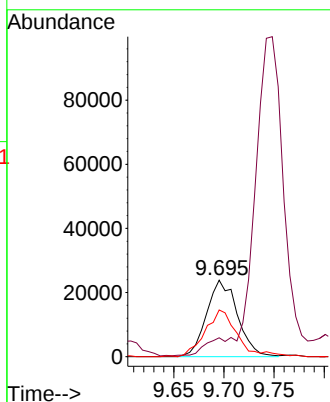
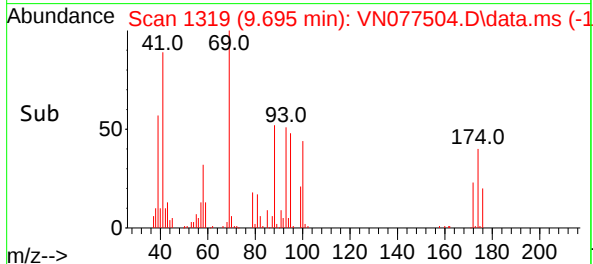
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



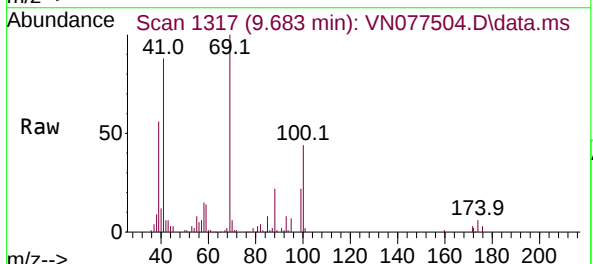
Tgt Ion: 88 Resp: 51254
Ion Ratio Lower Upper
88 100
43 14.3 16.6 24.8
58 59.9 47.3 70.9

Manual Integrations
APPROVED

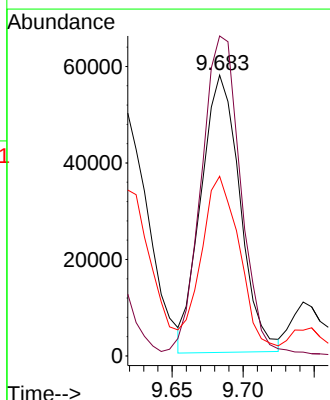
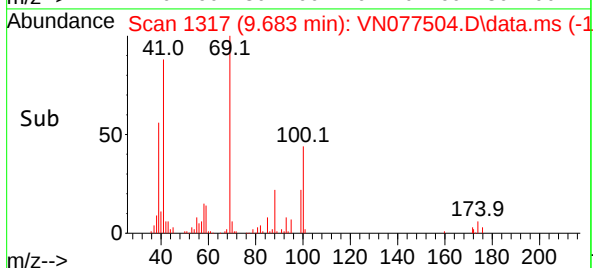
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

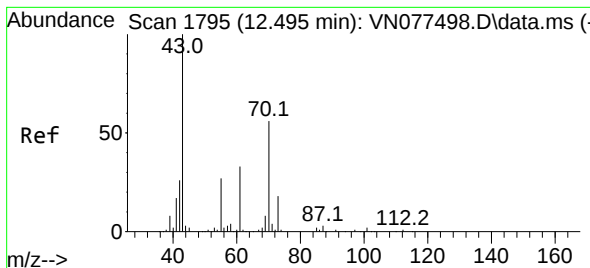


#46
Methyl methacrylate
Concen: 18.476 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41



Tgt Ion: 41 Resp: 109796
Ion Ratio Lower Upper
41 100
69 118.4 59.2 177.6
39 64.2 33.4 100.1





#47

n-amy1 Acetate

Concen: 18.191 ug/l

RT: 12.495 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

Tgt Ion: 43 Resp: 19040

Ion Ratio Lower Upper

43 100

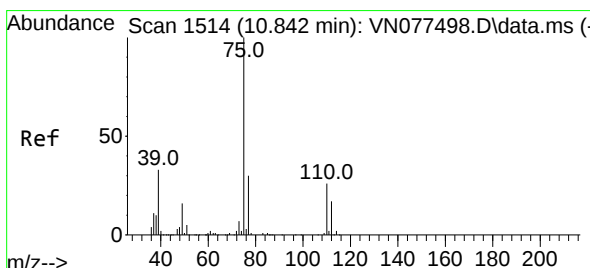
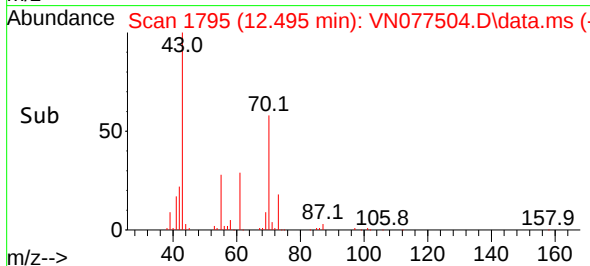
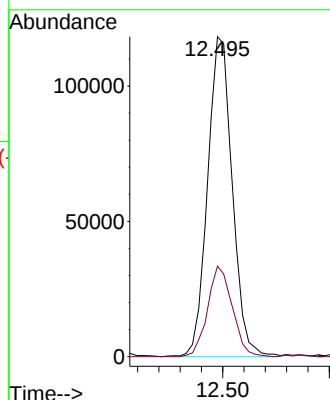
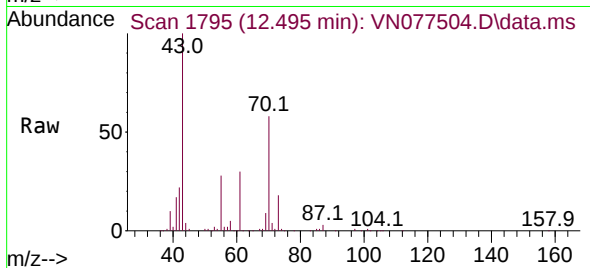
55 28.3 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#48

t-1,3-Dichloropropene

Concen: 18.066 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. -0.006 min

Lab File: VN077504.D

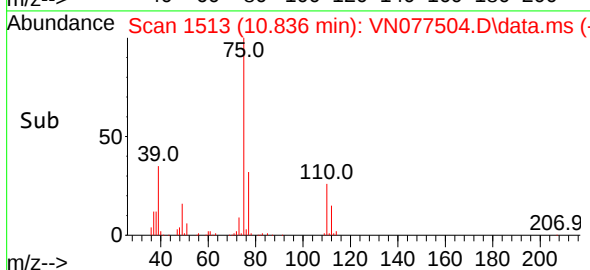
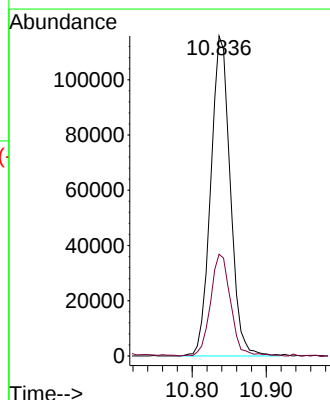
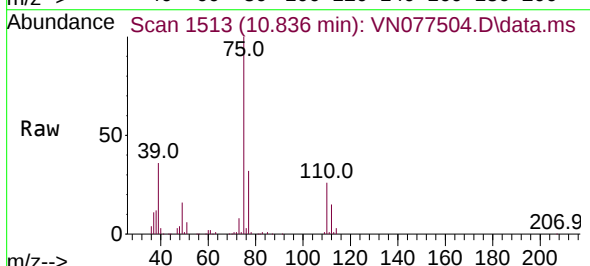
Acq: 28 Apr 2023 16:41

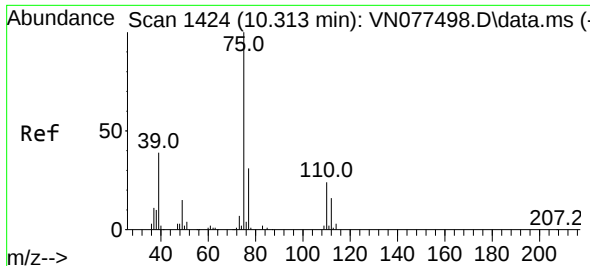
Tgt Ion: 75 Resp: 211954

Ion Ratio Lower Upper

75 100

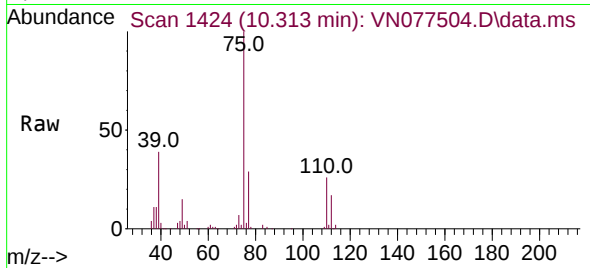
77 31.8 23.9 35.9





#49
cis-1,3-Dichloropropene
Concen: 18.432 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

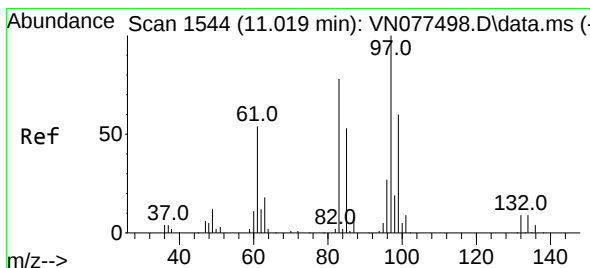
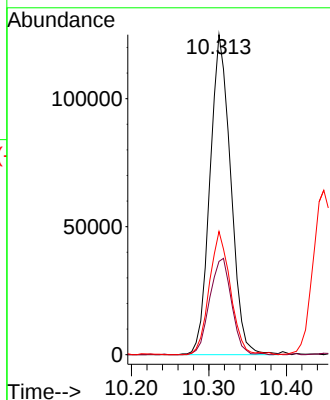
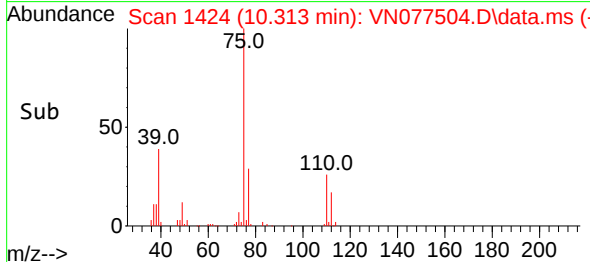
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 75 Resp: 233440
Ion Ratio Lower Upper
75 100
77 29.2 25.8 38.8
39 38.5 28.5 42.7

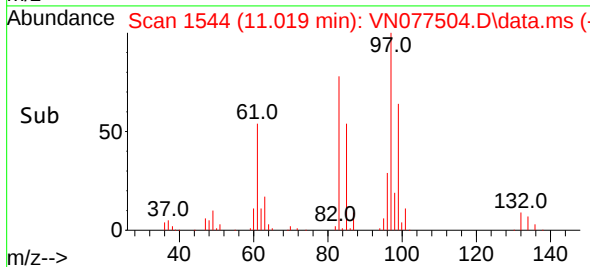
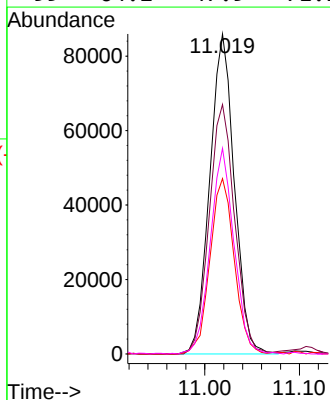
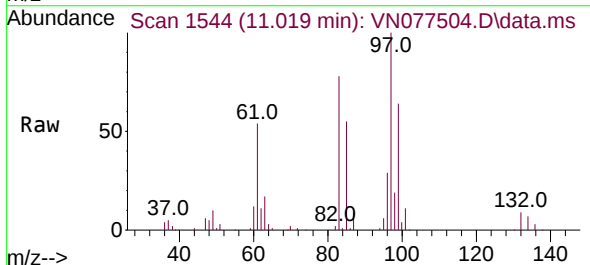
Manual Integrations
APPROVED

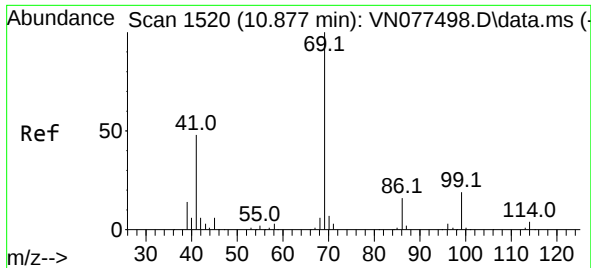
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#50
1,1,2-Trichloroethane
Concen: 18.692 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

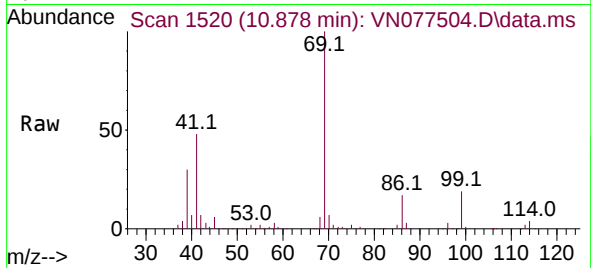
Tgt Ion: 97 Resp: 154817
Ion Ratio Lower Upper
97 100
83 78.0 67.0 100.6
85 54.8 41.6 62.4
99 64.2 47.9 71.9





#51
Ethyl methacrylate
Concen: 18.731 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

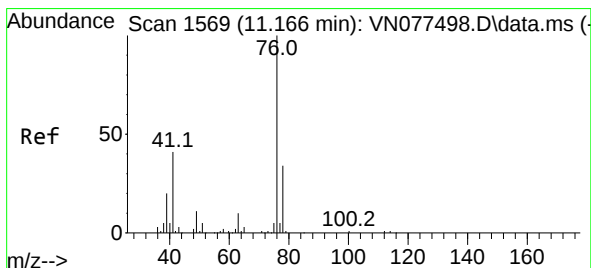
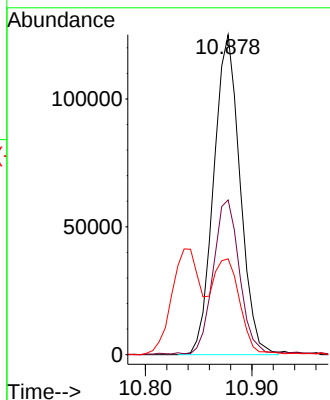
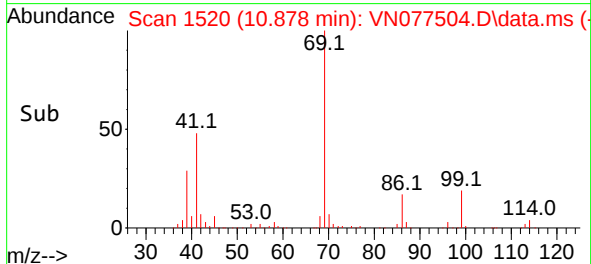
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 69 Resp: 214784
Ion Ratio Lower Upper
69 100
41 47.8 22.5 67.5
39 29.4 16.2 48.5

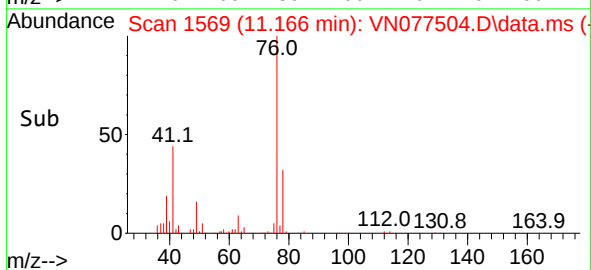
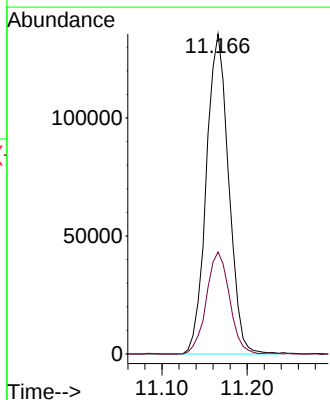
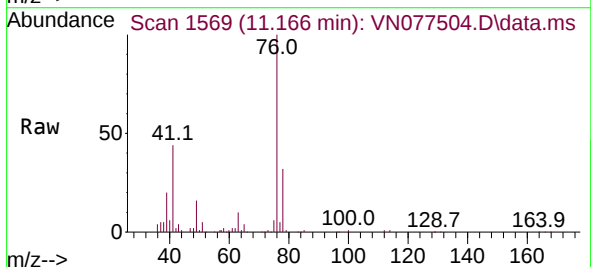
Manual Integrations
APPROVED

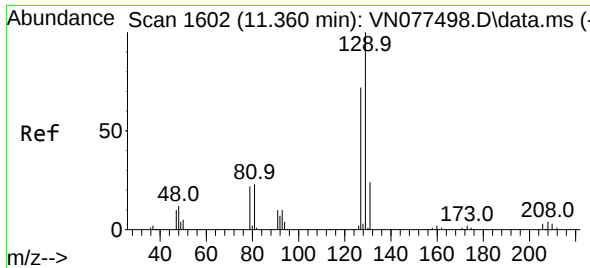
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#52
1,3-Dichloropropane
Concen: 18.400 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

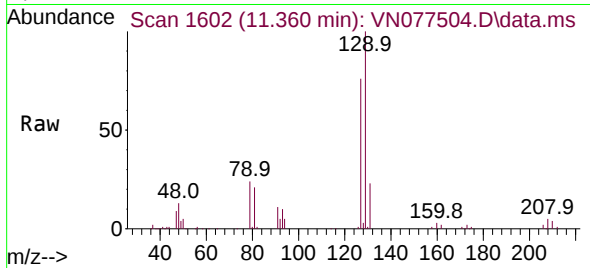
Tgt Ion: 76 Resp: 247312
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.4





#53
Dibromochloromethane
Concen: 17.916 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

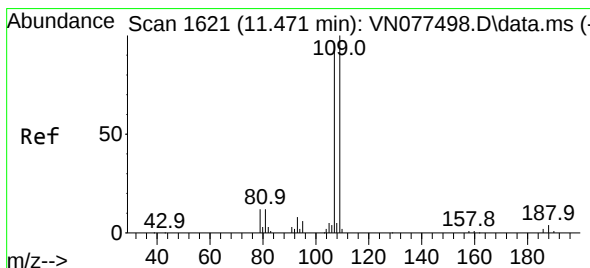
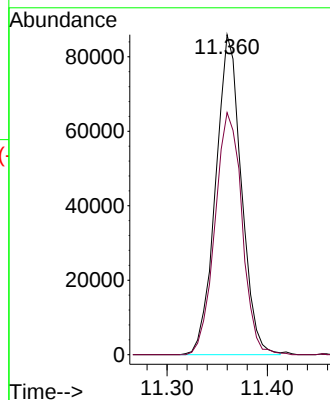
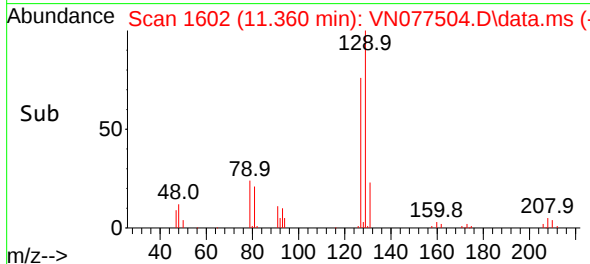
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



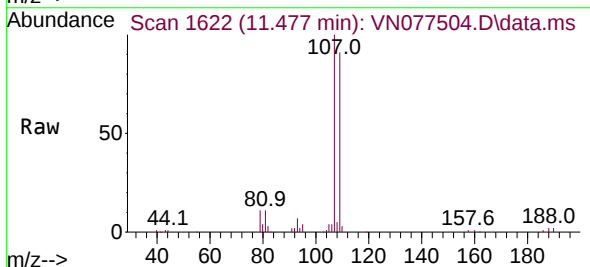
Tgt Ion:129 Resp: 152776
Ion Ratio Lower Upper
129 100
127 79.7 38.2 114.6

Manual Integrations
APPROVED

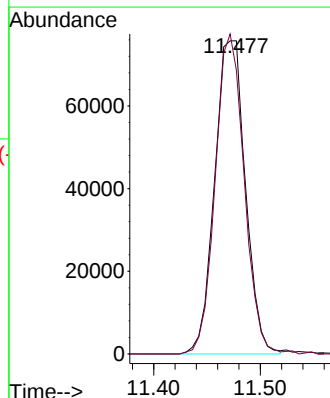
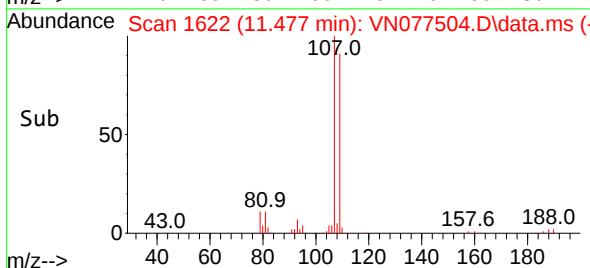
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

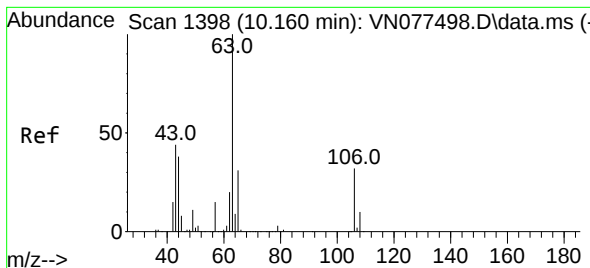


#54
1,2-Dibromoethane
Concen: 17.950 ug/l
RT: 11.477 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41



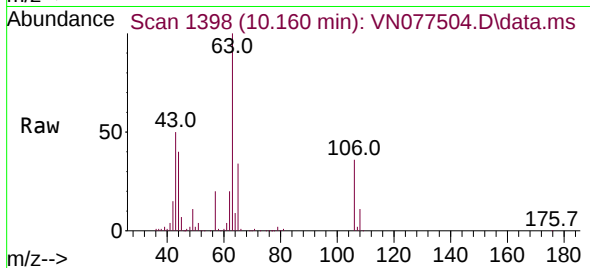
Tgt Ion:107 Resp: 152144
Ion Ratio Lower Upper
107 100
109 95.4 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 106.690 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

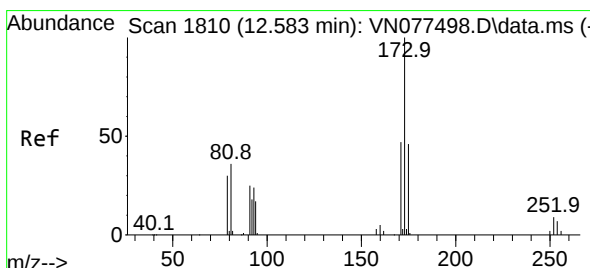
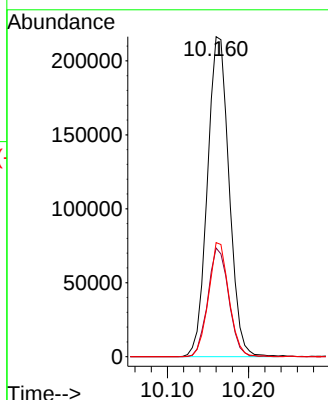
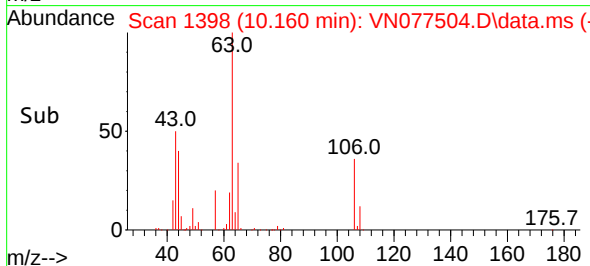
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 63 Resp: 401458
Ion Ratio Lower Upper
63 100
65 32.7 25.8 38.6
106 33.5 26.2 39.2

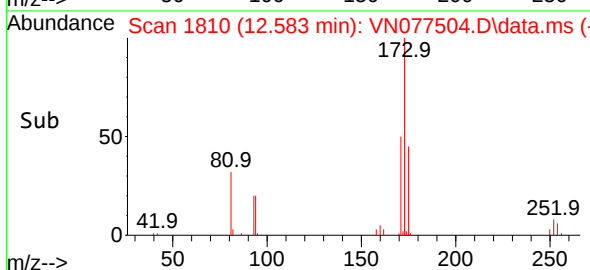
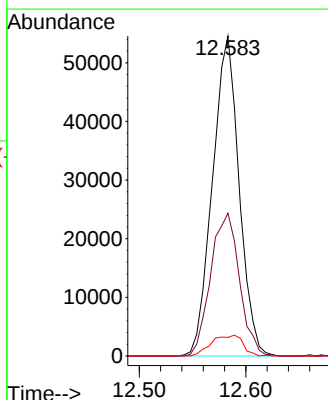
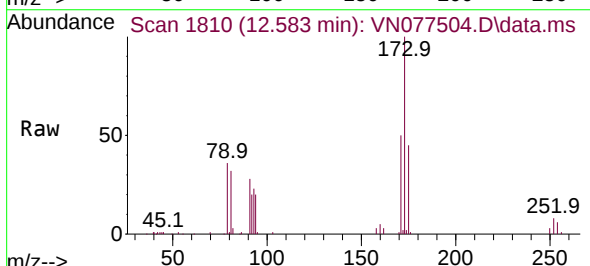
Manual Integrations
APPROVED

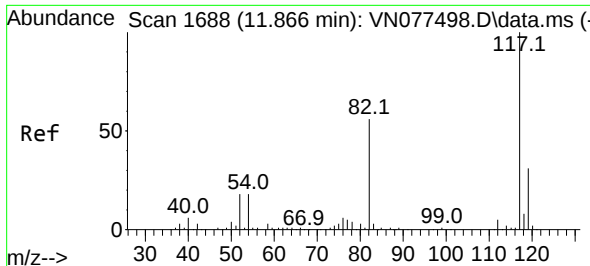
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#56
Bromoform
Concen: 17.794 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

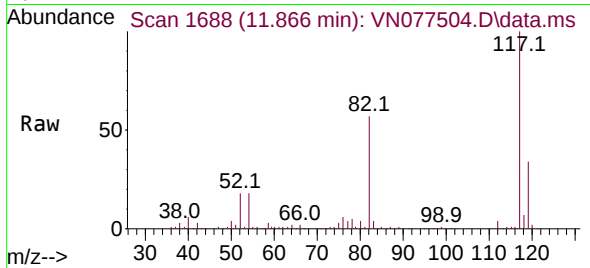
Tgt Ion:173 Resp: 94644
Ion Ratio Lower Upper
173 100
175 48.1 40.3 60.5
254 4.7 5.0 7.6#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

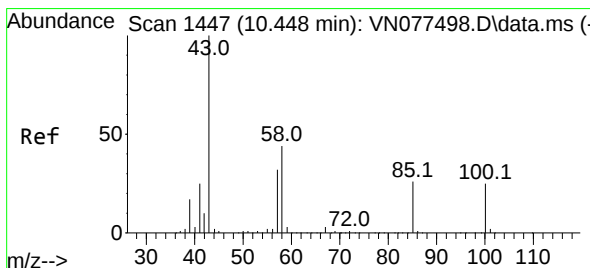
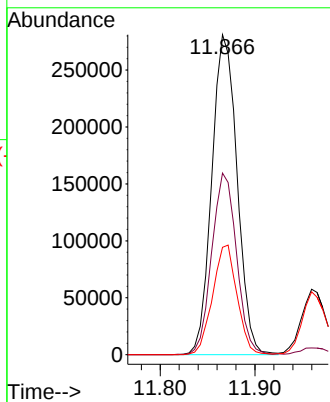
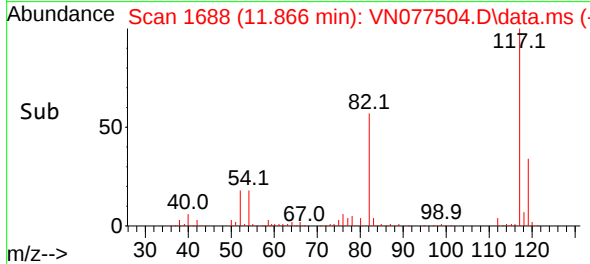
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 117 Resp: 522329
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 33.1 25.4 38.2

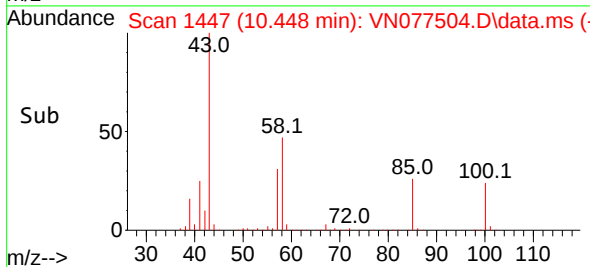
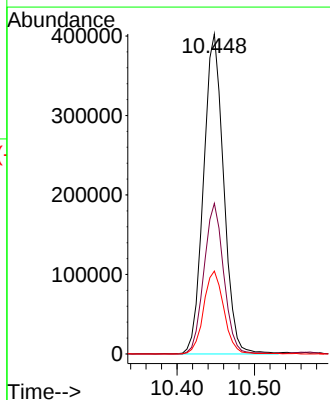
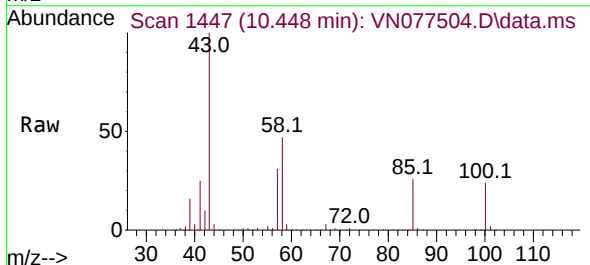
Manual Integrations
APPROVED

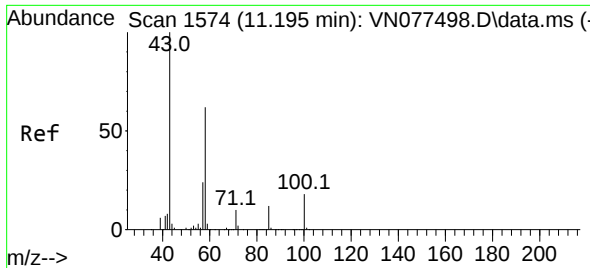
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#58
4-Methyl-2-Pentanone
Concen: 96.494 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

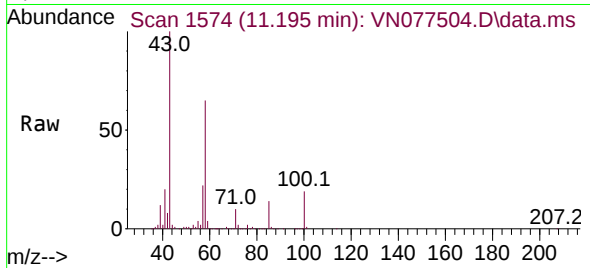
Tgt Ion: 43 Resp: 725857
Ion Ratio Lower Upper
43 100
58 46.3 37.2 55.8
85 25.9 21.1 31.7





#59
2-Hexanone
Concen: 93.974 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

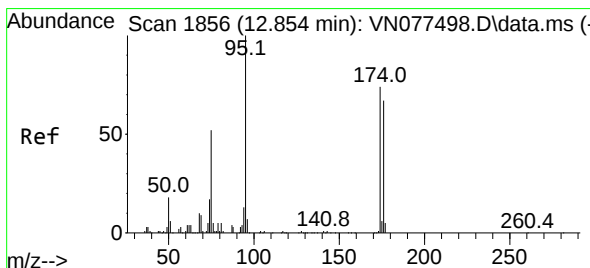
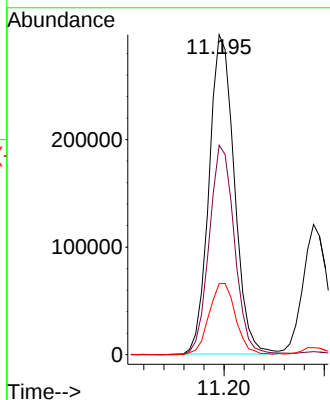
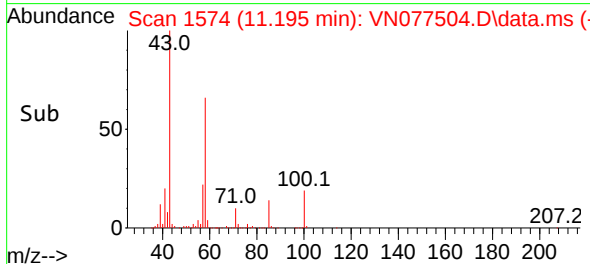
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 43 Resp: 520808
Ion Ratio Lower Upper
43 100
58 65.4 51.8 77.8
57 23.4 18.2 27.4

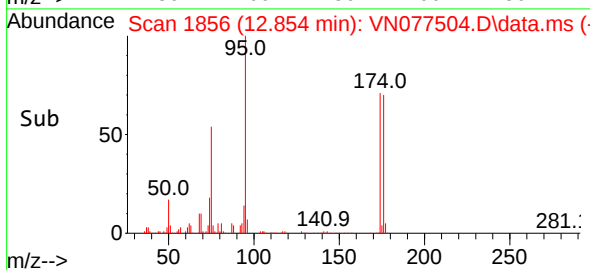
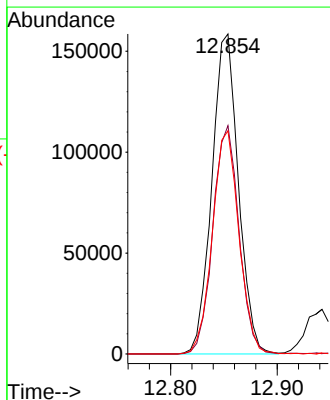
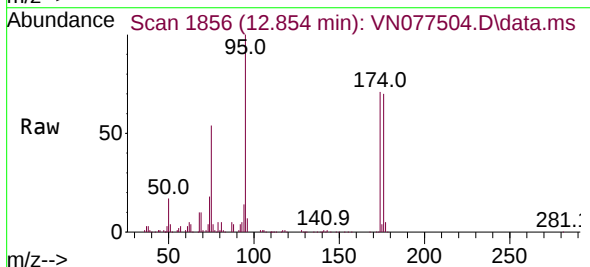
Manual Integrations
APPROVED

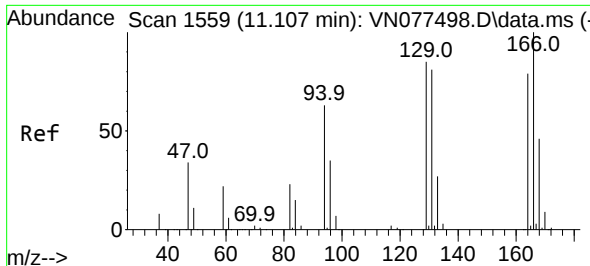
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#60
4-Bromofluorobenzene
Concen: 29.974 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

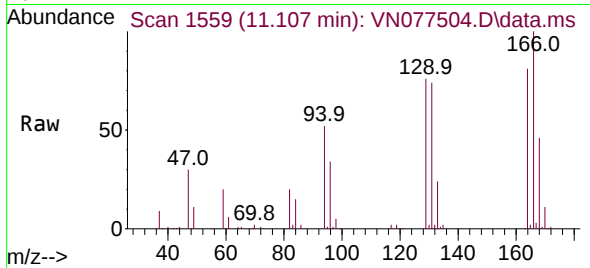
Tgt Ion: 95 Resp: 274291
Ion Ratio Lower Upper
95 100
174 70.0 55.9 83.9
176 69.7 53.9 80.9





#61
Tetrachloroethene
Concen: 19.236 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

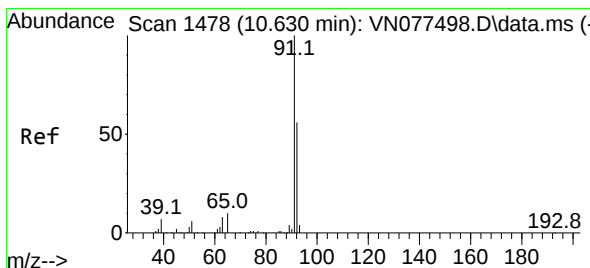
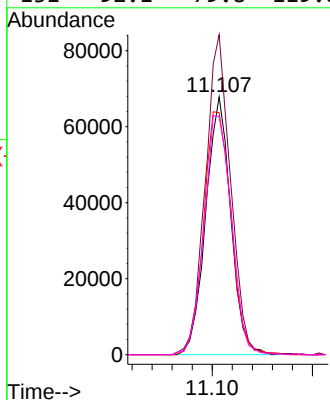
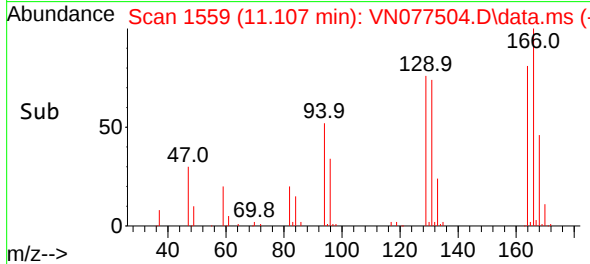
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



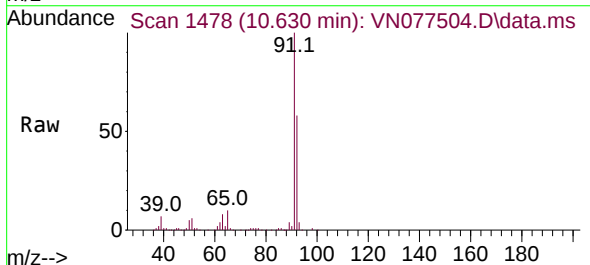
Tgt Ion:164 Resp: 117358
Ion Ratio Lower Upper
164 100
166 123.8 94.5 141.7
129 93.5 80.2 120.2
131 92.1 79.8 119.8

Manual Integrations
APPROVED

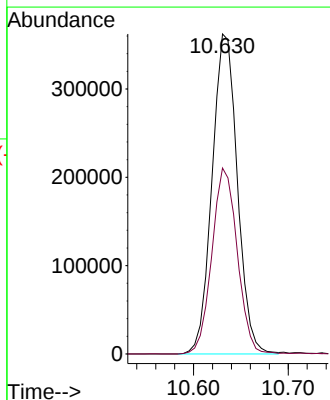
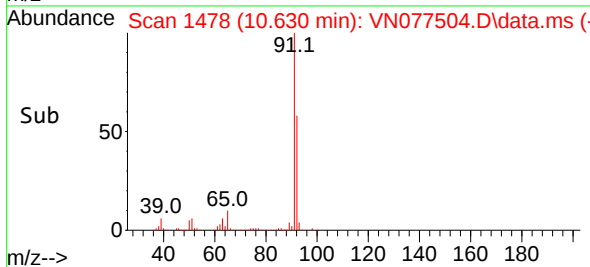
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

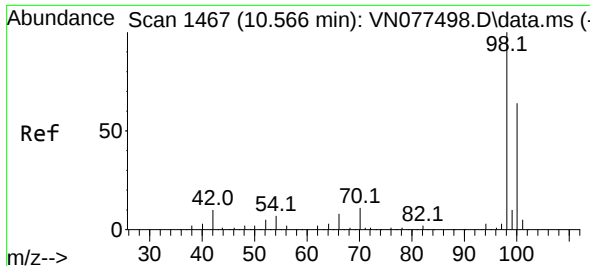


#62
Toluene
Concen: 19.154 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41



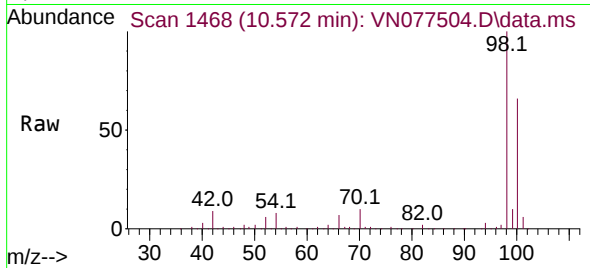
Tgt Ion: 91 Resp: 672871
Ion Ratio Lower Upper
91 100
92 58.3 46.1 69.1





#63
Toluene-d8
Concen: 29.728 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

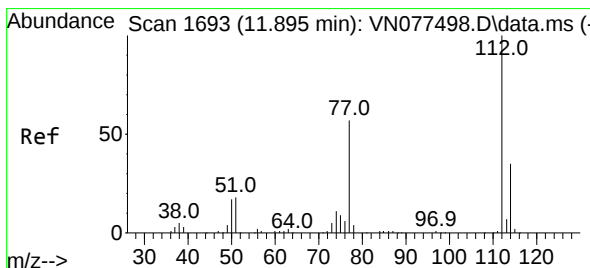
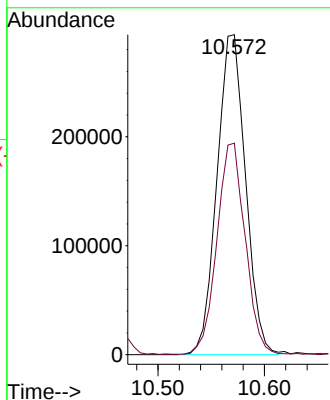
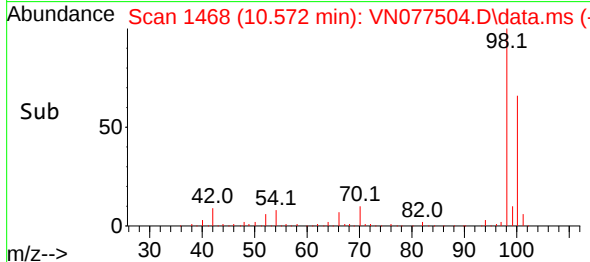
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 98 Resp: 54715
Ion Ratio Lower Upper
98 100
100 65.2 51.0 76.4

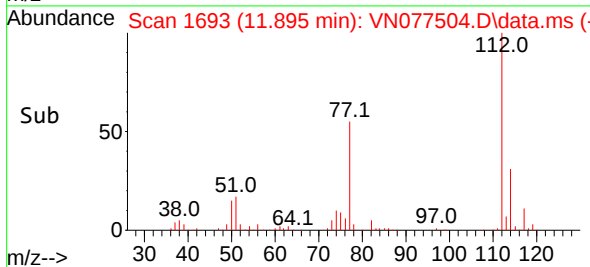
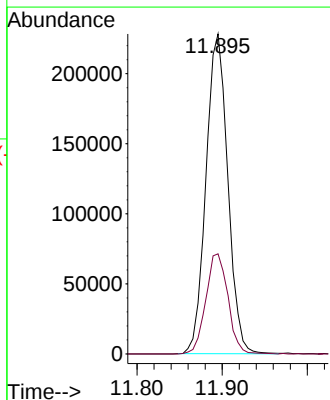
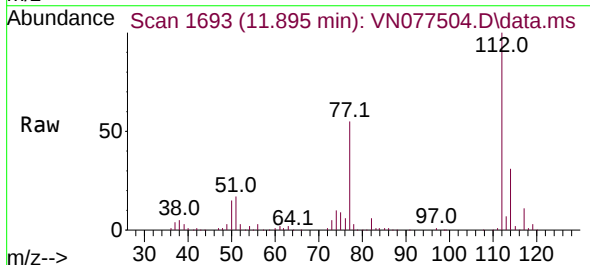
Manual Integrations
APPROVED

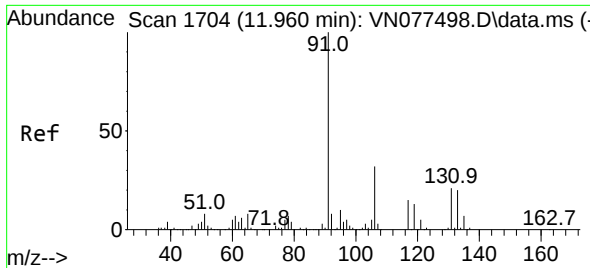
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#64
Chlorobenzene
Concen: 18.894 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

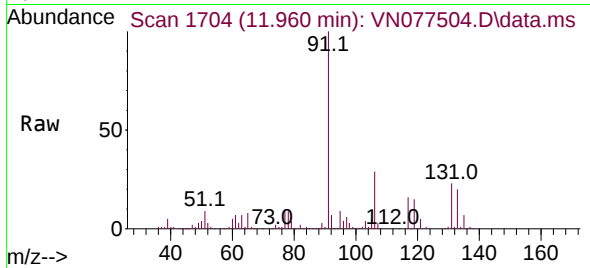
Tgt Ion:112 Resp: 405478
Ion Ratio Lower Upper
112 100
114 31.3 23.9 35.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.350 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

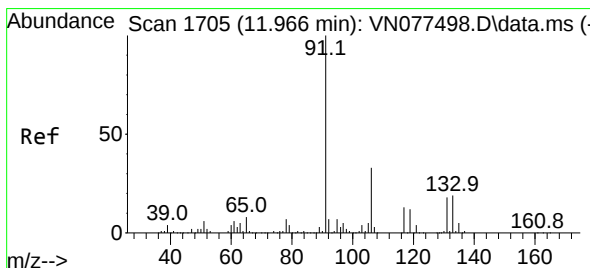
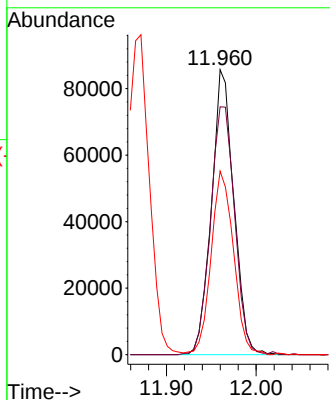
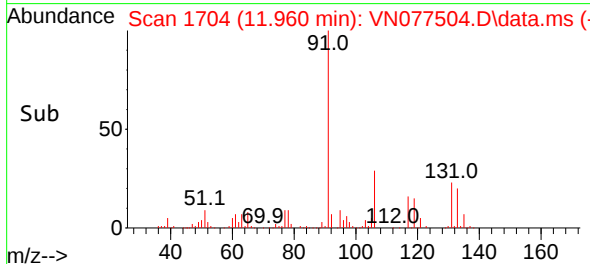
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion:131 Resp: 14840
Ion Ratio Lower Upper
131 100
133 93.9 0.0 191.4
119 64.6 0.0 137.2

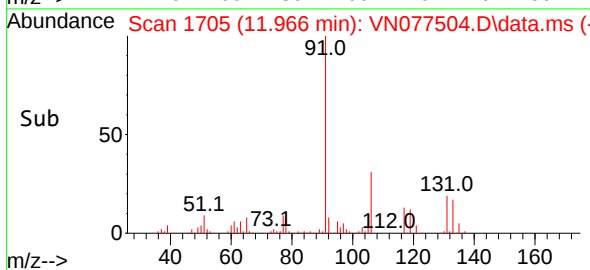
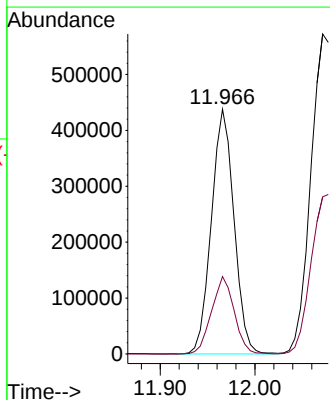
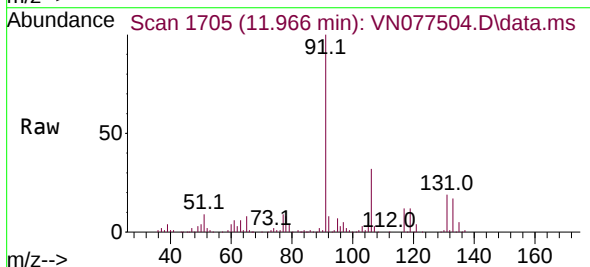
Manual Integrations
APPROVED

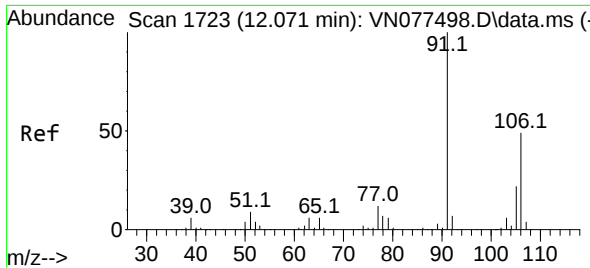
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#66
Ethyl Benzene
Concen: 18.960 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

Tgt Ion: 91 Resp: 727249
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3





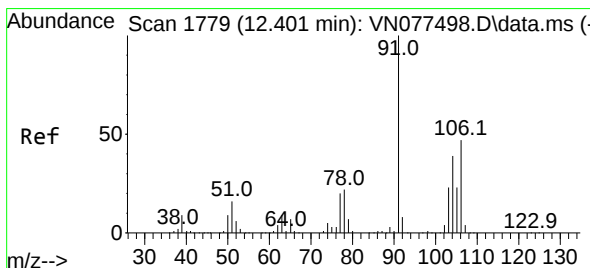
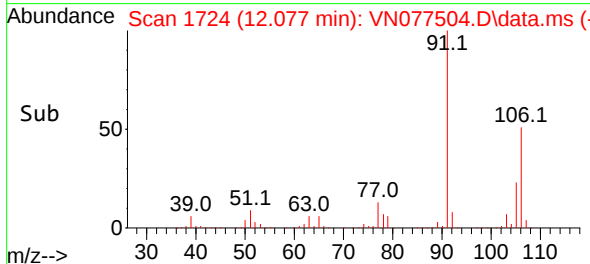
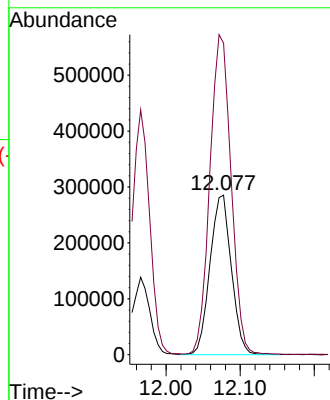
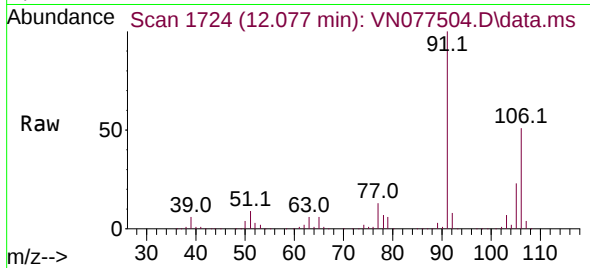
#67
m/p-Xylenes
Concen: 38.220 ug/l
RT: 12.077 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tgt Ion:106 Resp: 57088
Ion Ratio Lower Upper
106 100
91 198.5 157.9 236.9

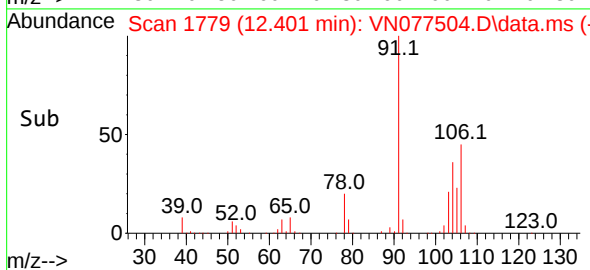
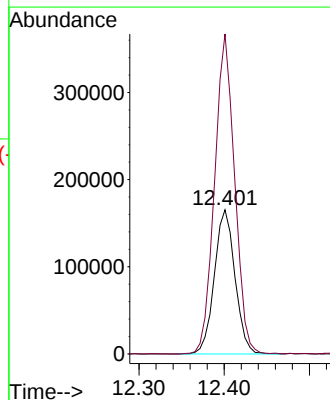
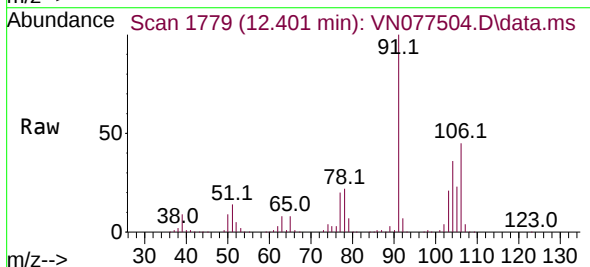
Manual Integrations
APPROVED

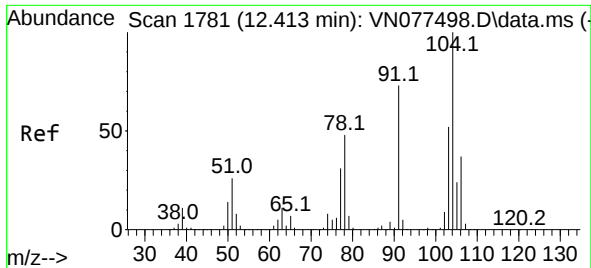
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#68
o-Xylene
Concen: 18.758 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

Tgt Ion:106 Resp: 278313
Ion Ratio Lower Upper
106 100
91 216.2 104.6 313.8





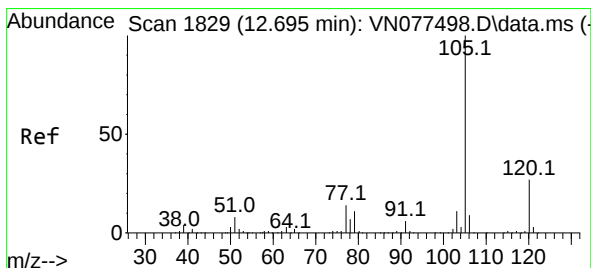
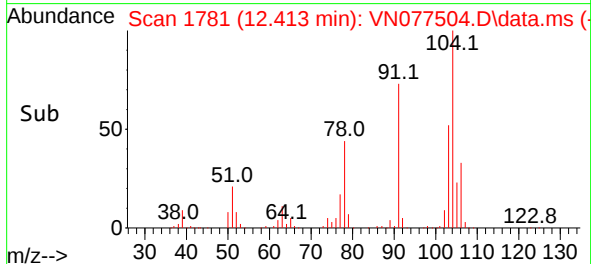
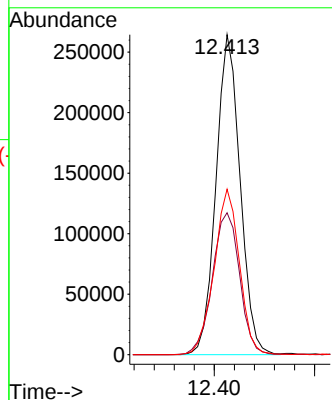
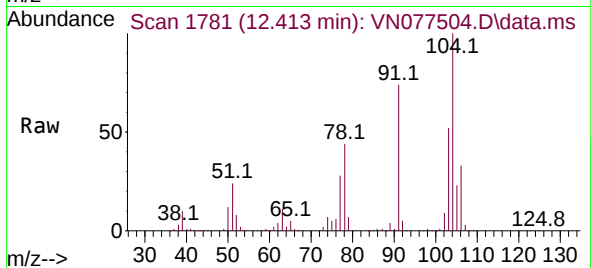
#69
Styrene
Concen: 19.136 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tgt Ion:104 Resp: 44148
Ion Ratio Lower Upper
104 100
78 50.3 39.3 58.9
103 54.4 44.6 66.8

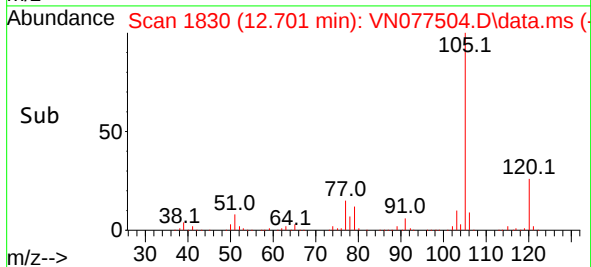
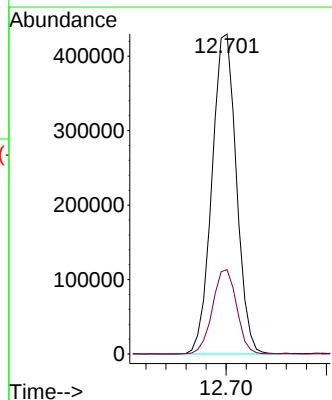
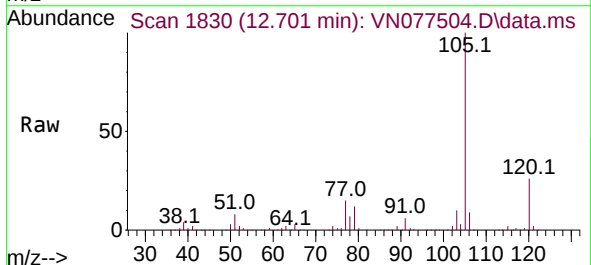
Manual Integrations
APPROVED

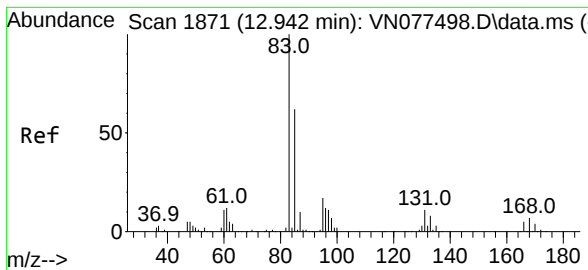
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#70
Isopropylbenzene
Concen: 19.326 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

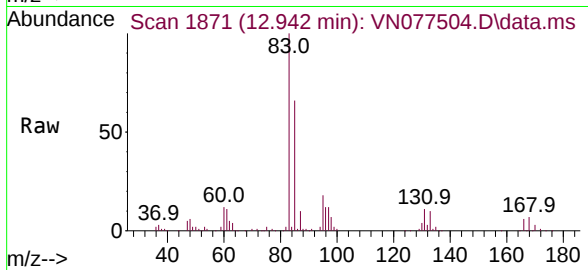
Tgt Ion:105 Resp: 727832
Ion Ratio Lower Upper
105 100
120 26.0 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 18.531 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

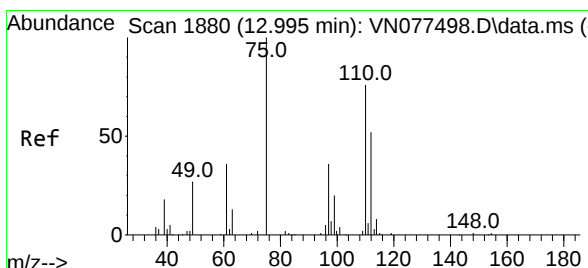
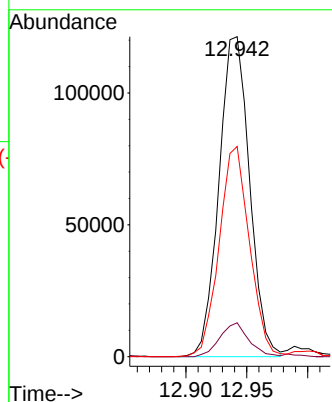
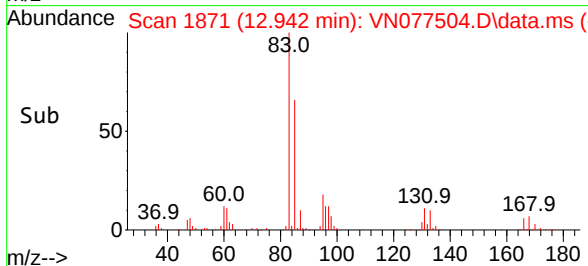
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 83 Resp: 212580
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 65.1 31.6 94.8

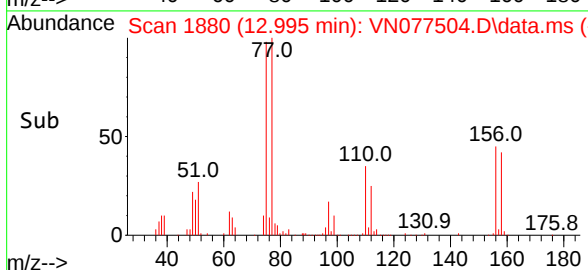
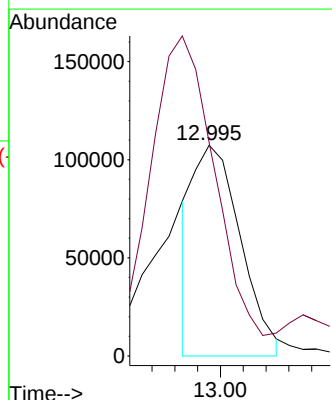
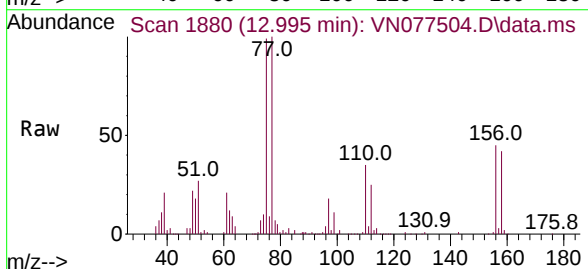
Manual Integrations
APPROVED

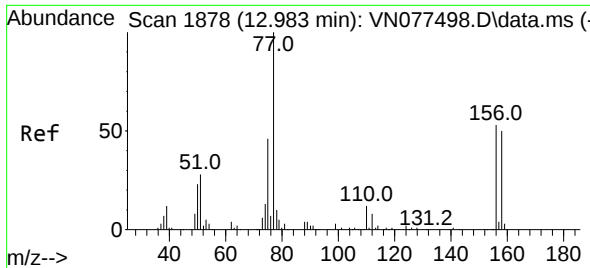
Reviewed By :John Carbone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#72
1,2,3-Trichloropropane
Concen: 15.931 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

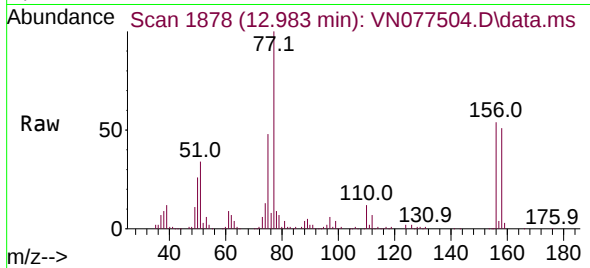
Tgt Ion: 75 Resp: 155459
Ion Ratio Lower Upper
75 100
77 212.5 0.0 367.2





#73
Bromobenzene
Concen: 18.521 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

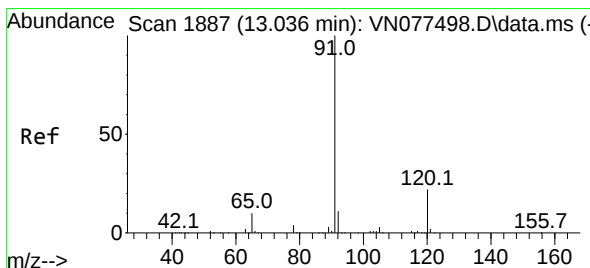
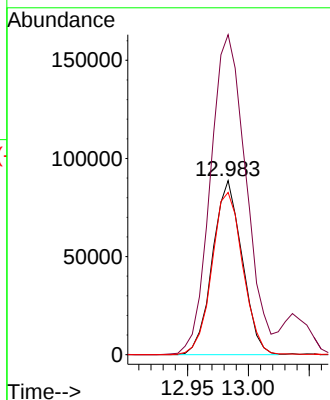
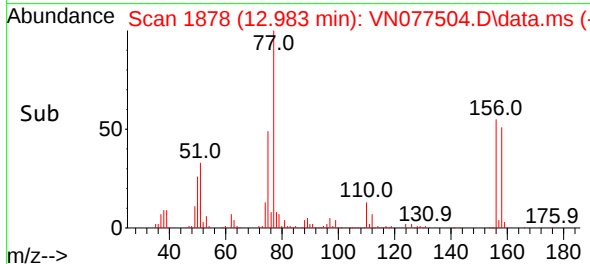
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



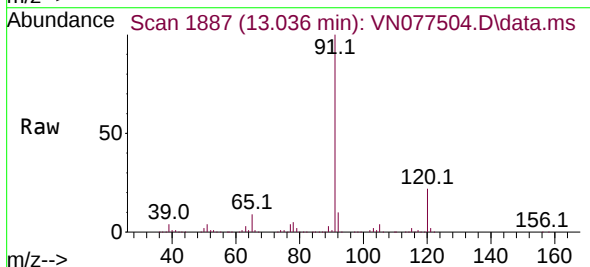
Tgt Ion:156 Resp: 149990
Ion Ratio Lower Upper
156 100
77 220.3 0.0 431.6
158 97.6 0.0 192.4

Manual Integrations
APPROVED

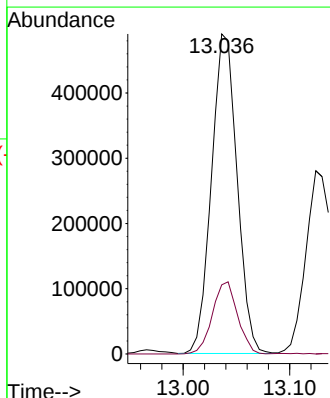
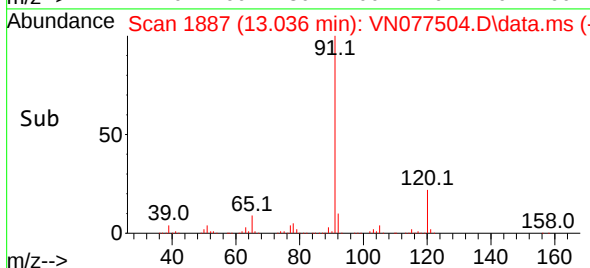
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

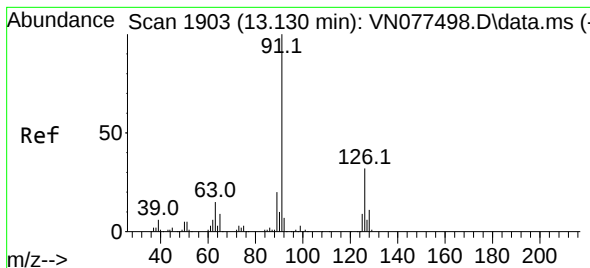


#74
n-propylbenzene
Concen: 19.546 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41



Tgt Ion: 91 Resp: 819104
Ion Ratio Lower Upper
91 100
120 22.1 0.0 46.4





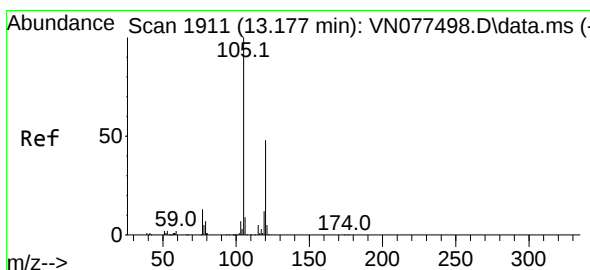
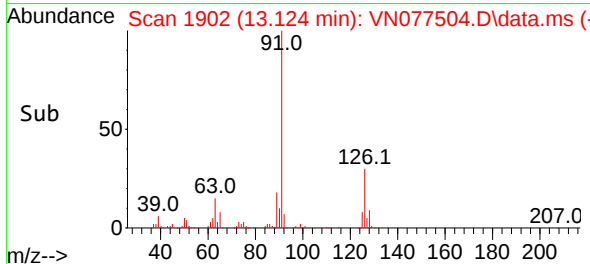
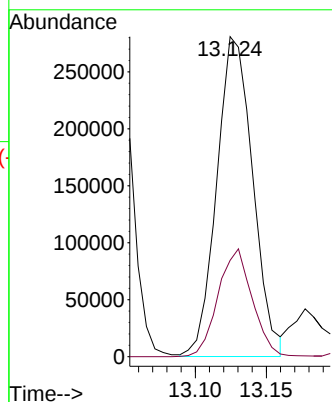
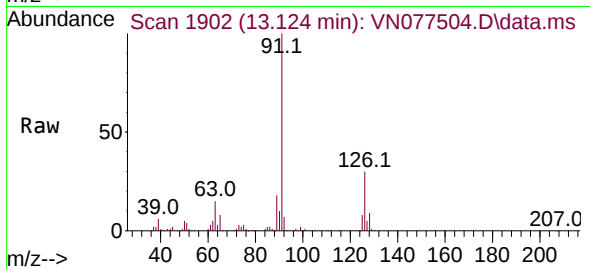
#75
2-Chlorotoluene
Concen: 19.180 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01

Tgt Ion: 91 Resp: 495774
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.2

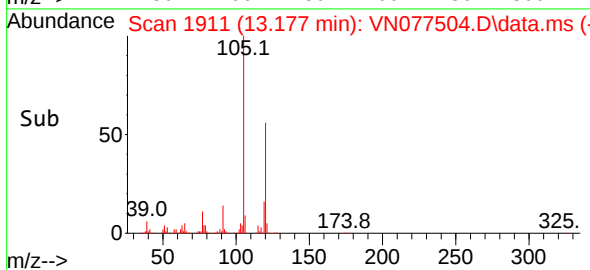
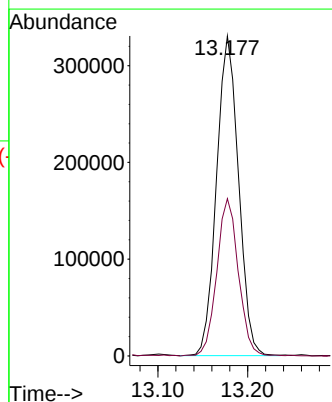
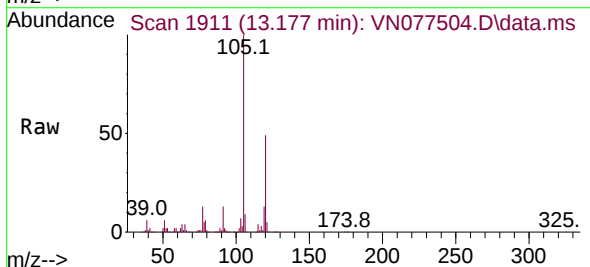
Manual Integrations
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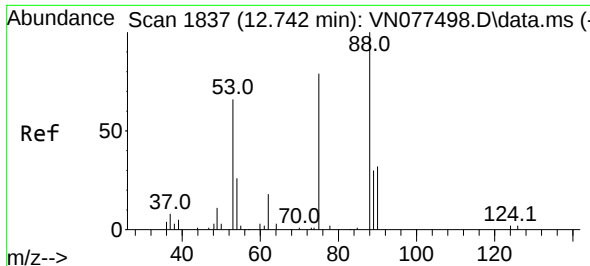
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.339 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

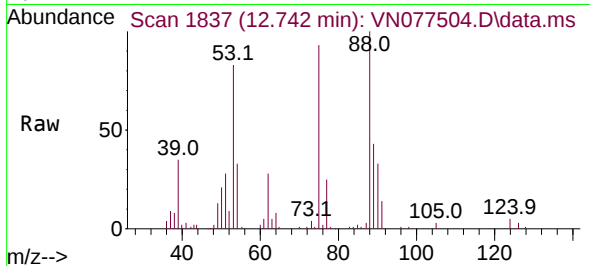
Tgt Ion:105 Resp: 561412
Ion Ratio Lower Upper
105 100
120 48.2 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.603 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

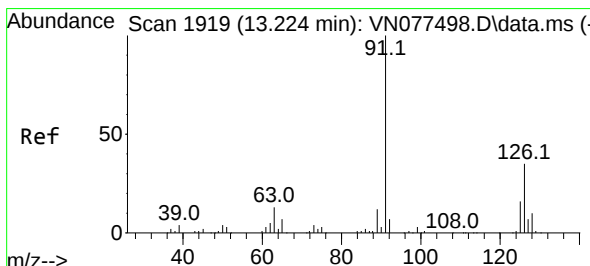
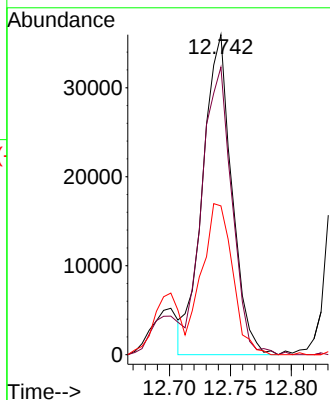
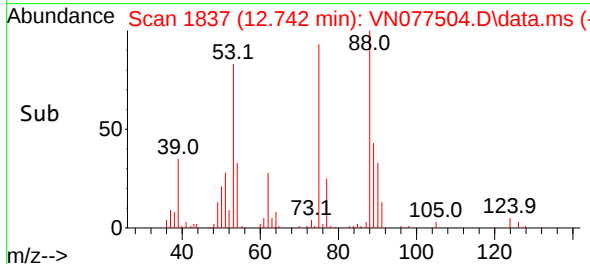
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



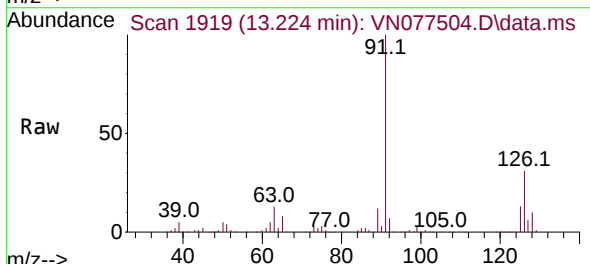
Tgt Ion: 75 Resp: 59958
Ion Ratio Lower Upper
75 100
53 89.8 38.2 114.6
89 46.5 22.1 66.1

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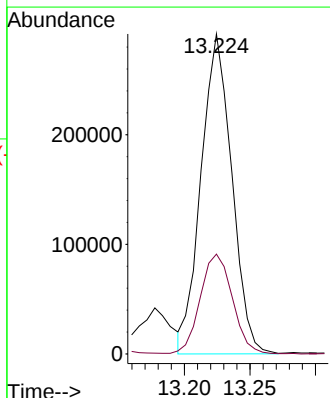
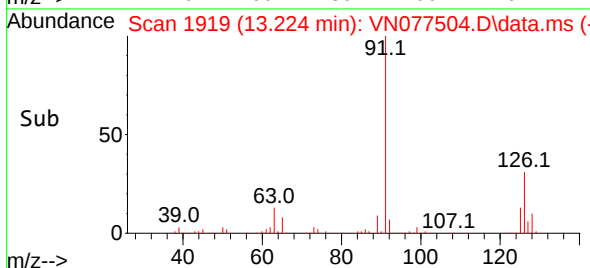
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

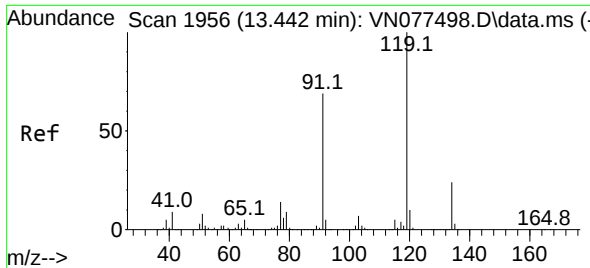


#78
4-Chlorotoluene
Concen: 19.441 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41



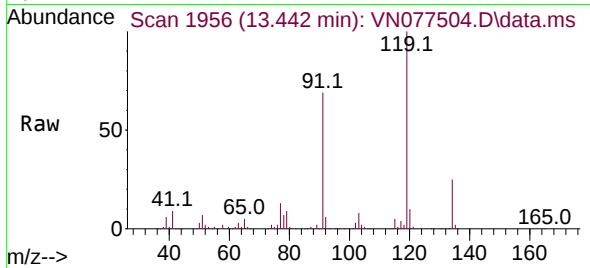
Tgt Ion: 91 Resp: 475737
Ion Ratio Lower Upper
91 100
126 32.7 0.0 65.6





#79
tert-butylbenzene
Concen: 19.213 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

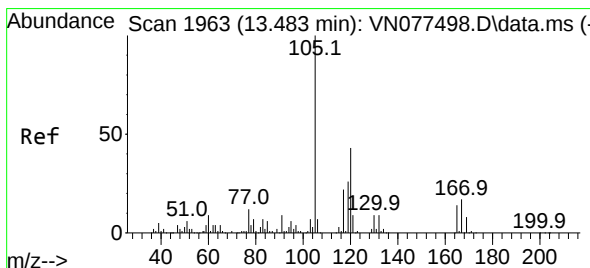
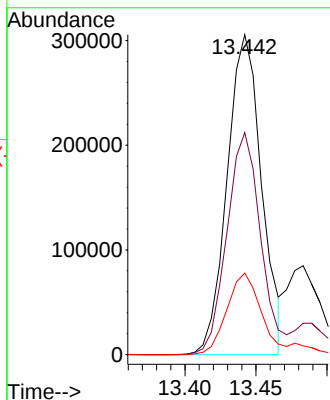
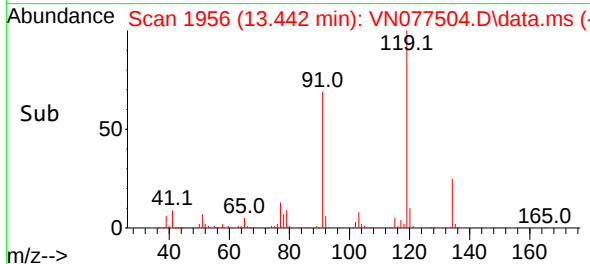
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



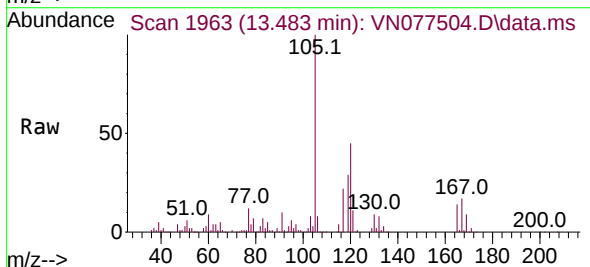
Tgt Ion:119 Resp: 515939
Ion Ratio Lower Upper
119 100
91 68.3 0.0 139.4
134 25.3 0.0 49.2

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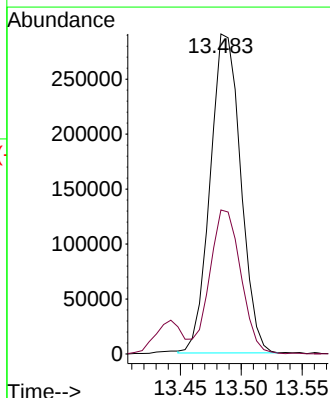
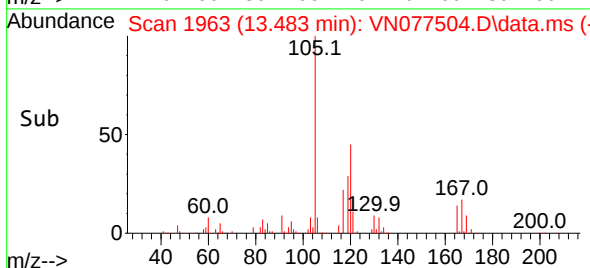
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

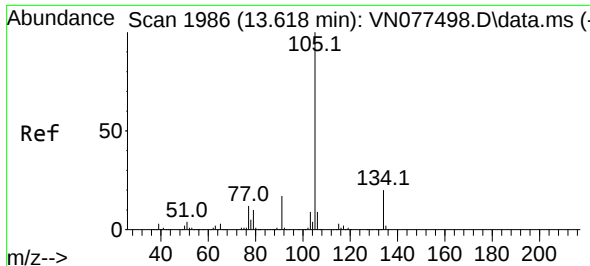


#80
1,2,4-Trimethylbenzene
Concen: 18.959 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41



Tgt Ion:105 Resp: 506181
Ion Ratio Lower Upper
105 100
120 46.5 0.0 87.8





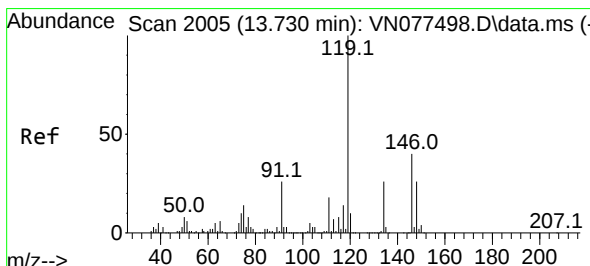
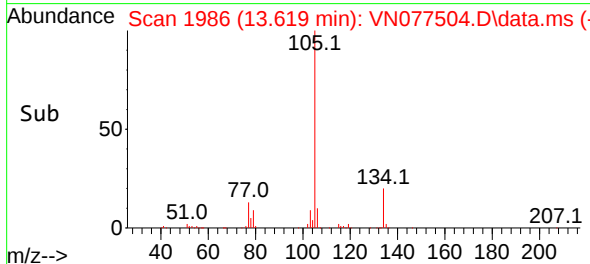
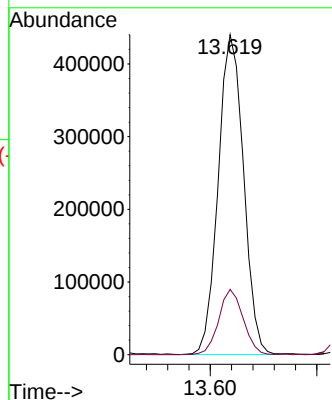
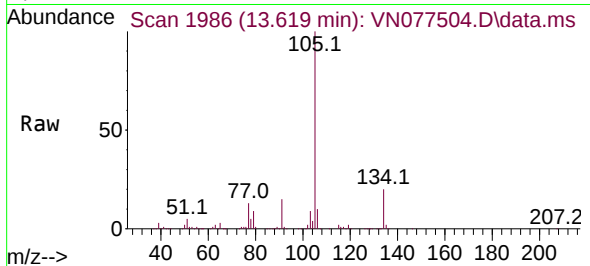
#81
 sec-Butylbenzene
 Concen: 19.380 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077504.D
 Acq: 28 Apr 2023 16:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS01

Tgt Ion:105 Resp: 725530
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.4

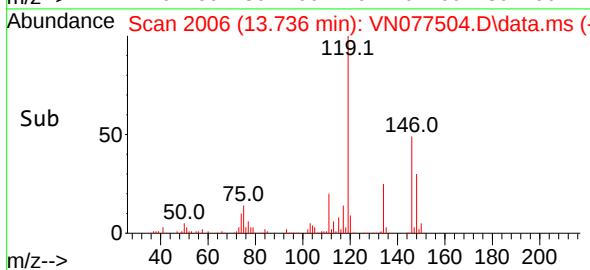
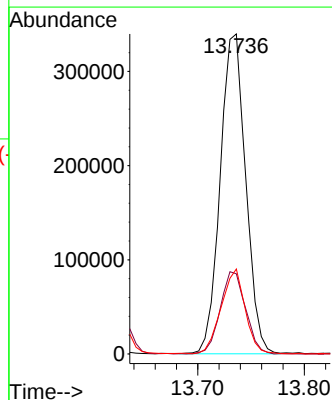
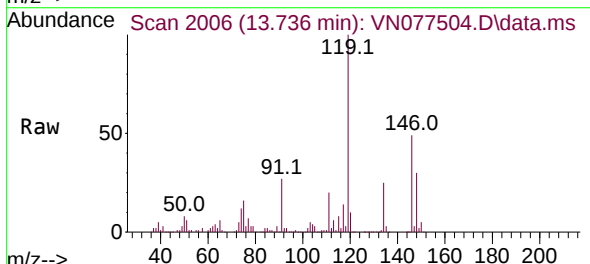
Manual Integrations
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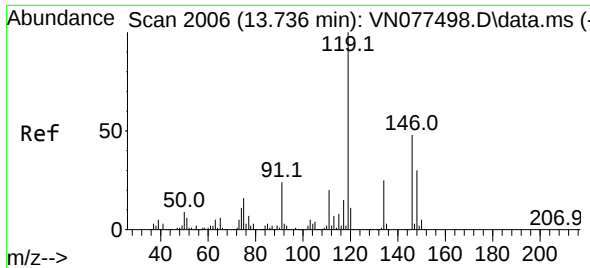
Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023



#82
 p-Isopropyltoluene
 Concen: 19.258 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077504.D
 Acq: 28 Apr 2023 16:41

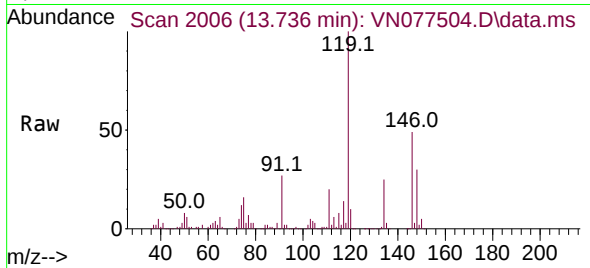
Tgt Ion:119 Resp: 564956
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.4
 91 24.8 0.0 50.6





#83
1,3-Dichlorobenzene
Concen: 19.655 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

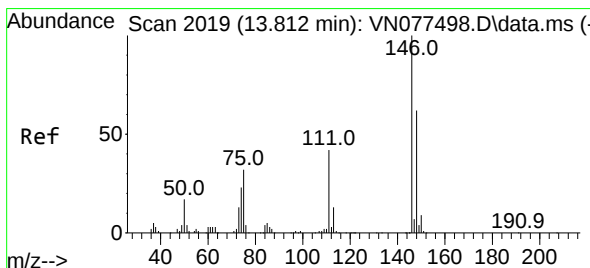
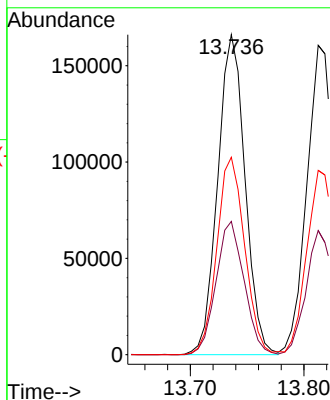
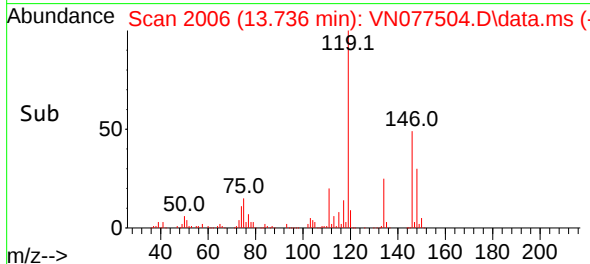
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



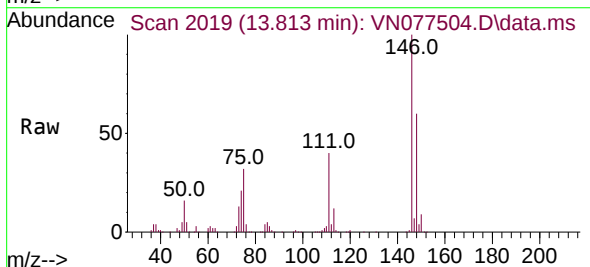
Tgt Ion:146 Resp: 278462
Ion Ratio Lower Upper
146 100
111 42.7 22.1 66.5
148 62.8 31.8 95.4

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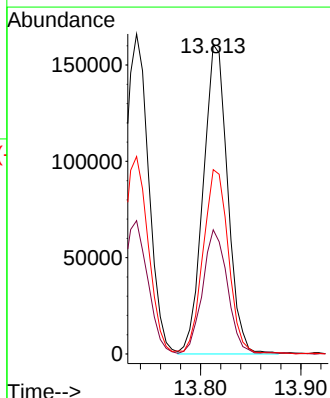
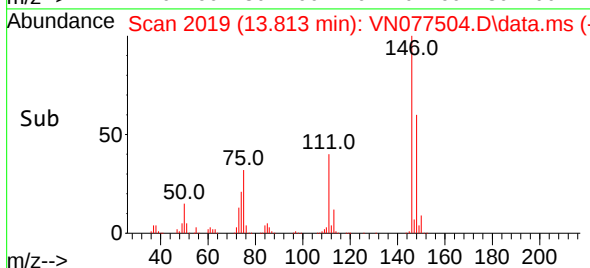
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

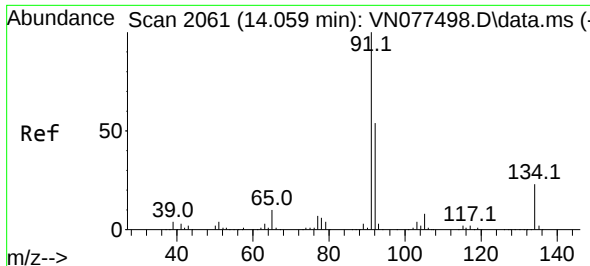


#84
1,4-Dichlorobenzene
Concen: 19.507 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41



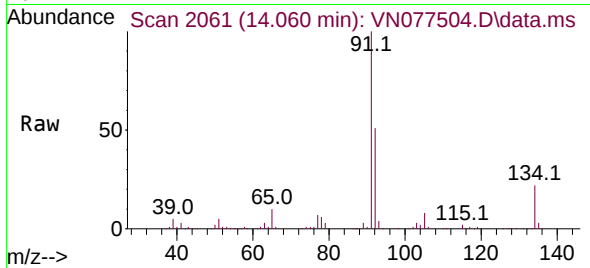
Tgt Ion:146 Resp: 273080
Ion Ratio Lower Upper
146 100
111 40.2 20.9 62.7
148 61.2 31.6 94.7





#85
n-Butylbenzene
Concen: 19.431 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

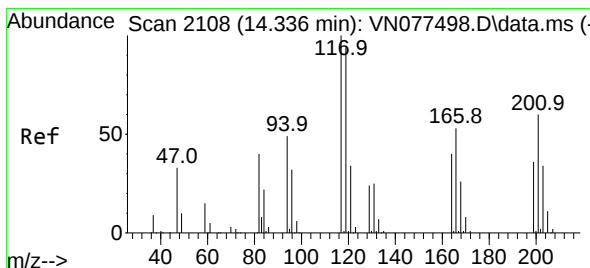
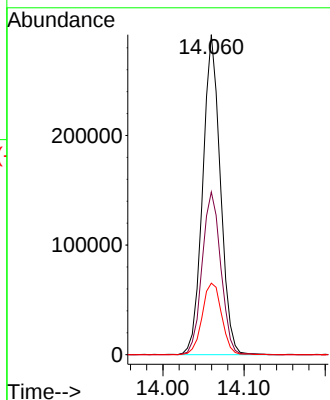
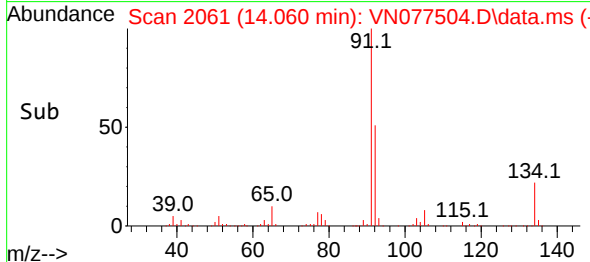
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



Tgt Ion: 91 Resp: 440514
Ion Ratio Lower Upper
91 100
92 53.6 0.0 108.4
134 24.6 0.0 50.0

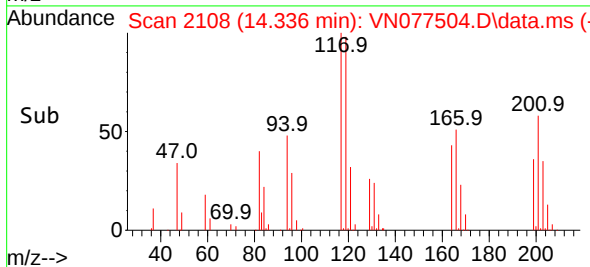
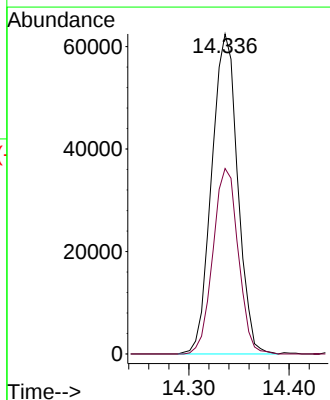
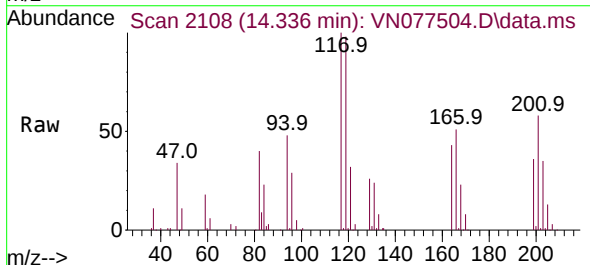
Manual Integrations
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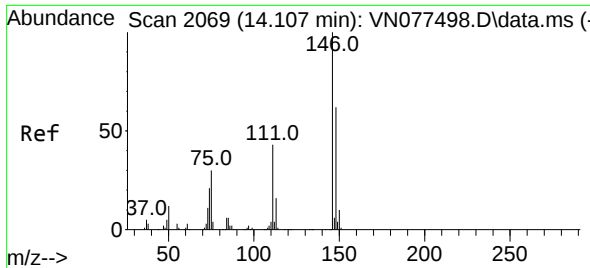
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#86
Hexachloroethane
Concen: 18.900 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

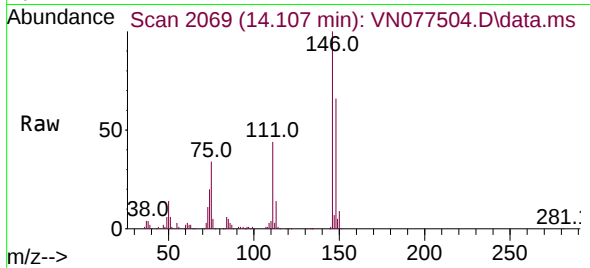
Tgt Ion:117 Resp: 112323
Ion Ratio Lower Upper
117 100
201 56.4 27.4 82.2





#87
1,2-Dichlorobenzene
Concen: 18.921 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

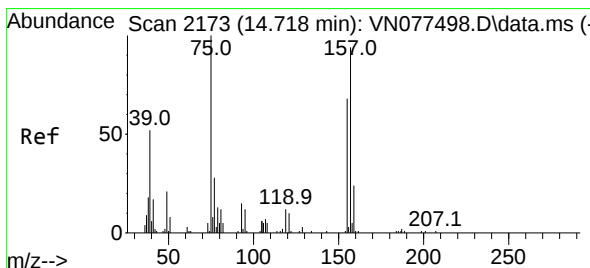
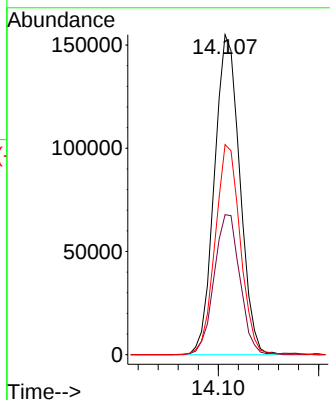
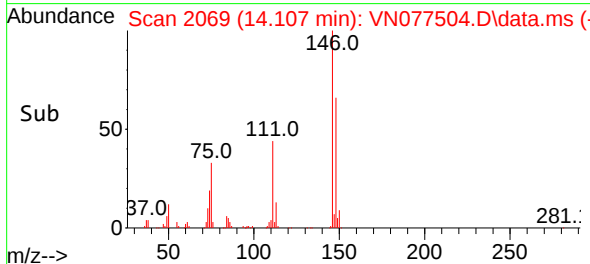
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



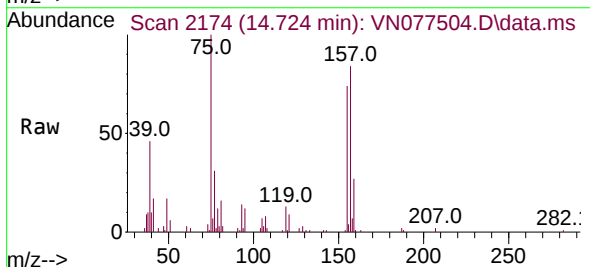
Tgt Ion:146 Resp: 272730
Ion Ratio Lower Upper
146 100
111 44.5 22.3 66.9
148 64.9 32.4 97.2

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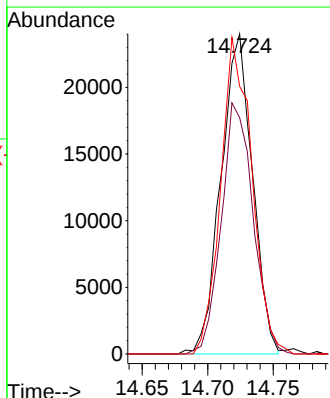
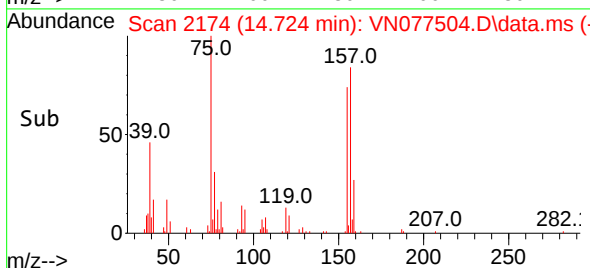
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

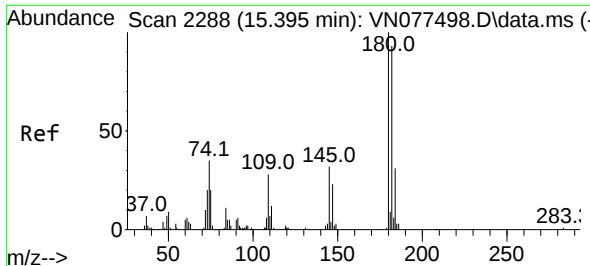


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.904 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41



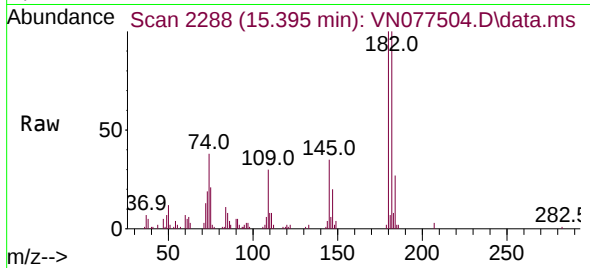
Tgt Ion: 75 Resp: 40086
Ion Ratio Lower Upper
75 100
155 79.4 63.0 94.4
157 97.6 79.5 119.3





#89
1,2,4-Trichlorobenzene
Concen: 16.347 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41

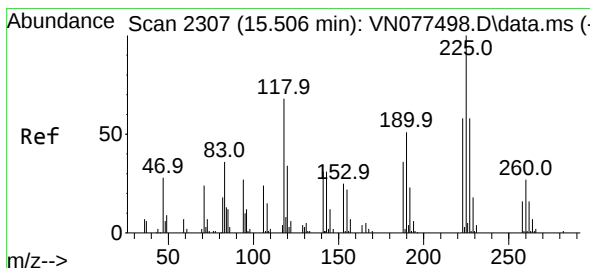
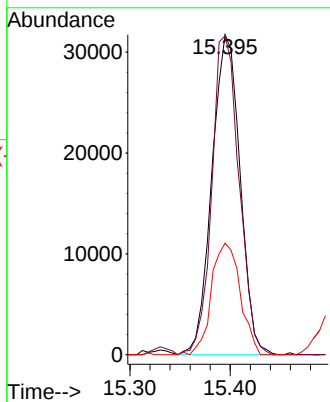
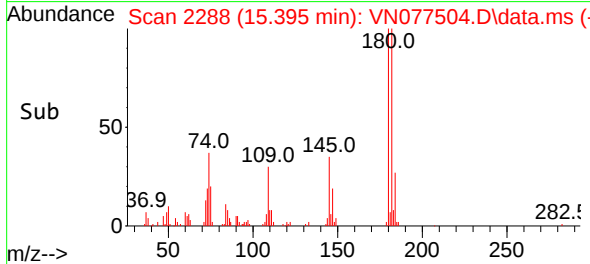
Instrument :
MSVOA_N
ClientSampleId :
VN0428WBS01



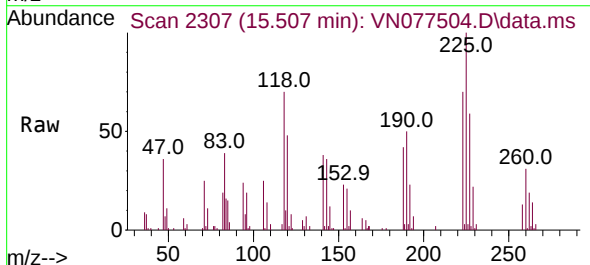
Tgt Ion:180 Resp: 6184
Ion Ratio Lower Upper
180 100
182 96.2 78.7 118.1
145 35.4 28.8 43.2

Manual Integrations
APPROVED

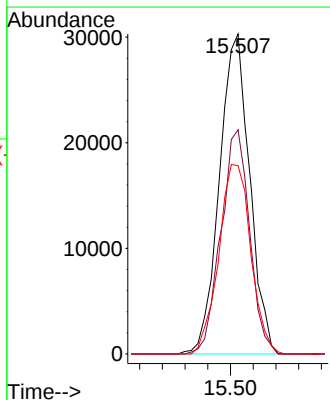
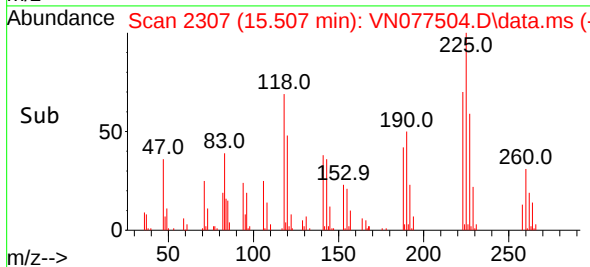
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

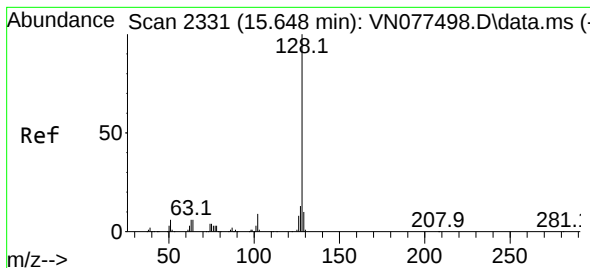


#90
Hexachlorobutadiene
Concen: 18.214 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.000 min
Lab File: VN077504.D
Acq: 28 Apr 2023 16:41



Tgt Ion:225 Resp: 56042
Ion Ratio Lower Upper
225 100
223 66.4 0.0 124.2
227 62.6 0.0 119.2





#91

Naphthalene

Concen: 17.200 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

Instrument :

MSVOA_N

ClientSampleId :

VN0428WBS01

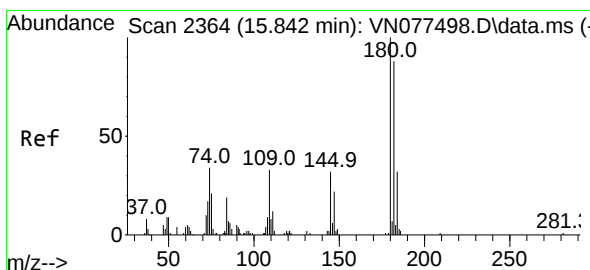
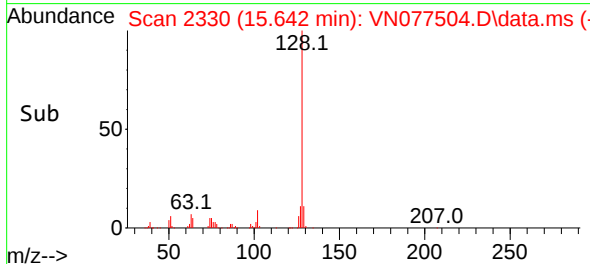
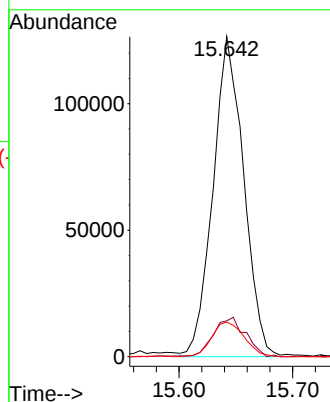
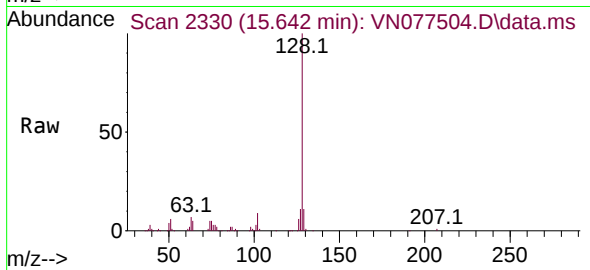
Tgt Ion:128 Resp: 237544
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.4 15.6
 129 11.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#92

1,2,3-Trichlorobenzene

Concen: 17.557 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: VN077504.D

Acq: 28 Apr 2023 16:41

Tgt Ion:180 Resp: 62145
 Ion Ratio Lower Upper
 180 100
 182 91.0 0.0 198.0
 145 37.0 0.0 80.2

