

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077498.D
 Acq On : 28 Apr 2023 11:57
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Apr 28 16:08:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:05:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	66939	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	502001	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	546228	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	180377	29.777	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.267%		
60) 4-Bromofluorobenzene	12.854	95	292728	30.351	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.167%		
63) Toluene-d8	10.566	98	571384	29.732	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	168408	18.989	ug/l	99
3) Chloromethane	2.372	50	123699	19.266	ug/l	99
4) Vinyl Chloride	2.525	62	174555	19.430	ug/l	96
5) Bromomethane	2.960	94	137183	18.105	ug/l	98
6) Chloroethane	3.137	64	119505m	19.396	ug/l	
7) Trichlorofluoromethane	3.513	101	255949	19.353	ug/l	97
8) Diethyl Ether	3.972	74	89205	19.270	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	146045	19.373	ug/l	99
10) 1,1-Dichloroethene	4.354	96	137434	19.136	ug/l	95
11) Methyl Iodide	4.601	142	172280	19.418	ug/l	98
12) Methyl Acetate	5.031	43	206730	19.996	ug/l	96
13) Acrolein	4.190	56	124165	99.811	ug/l	100
14) Acrylonitrile	5.725	53	306773	96.010	ug/l	98
15) Acetone	4.442	58	107642	106.544	ug/l	95
16) Carbon Disulfide	4.731	76	340792	18.669	ug/l	100
17) Allyl chloride	5.037	41	147682	18.982	ug/l	93
18) Methylene Chloride	5.289	84	162635	19.312	ug/l	96
19) trans-1,2-Dichloroethene	5.795	96	153175	19.303	ug/l	96
20) Diisopropyl ether	6.678	45	358064	19.593	ug/l	96
21) 1,1-Dichloroethane	6.583	63	259128	19.274	ug/l	96
22) cis-1,2-Dichloroethene	7.495	96	182481	19.243	ug/l	99
23) tert-Butyl Alcohol	5.531	59	130856	94.038	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	472026	18.960	ug/l	99
25) Chloroform	7.972	83	301190	19.506	ug/l	99
26) Cyclohexane	8.260	56	213148	19.538	ug/l #	96
29) 1,1-Dichloropropene	8.377	75	213475	19.579	ug/l	100
30) 2-Butanone	7.495	43	401921	102.186	ug/l	99
31) 2,2-Dichloropropane	7.501	77	250779	19.443	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	280597	19.873	ug/l	98
33) Carbon Tetrachloride	8.366	117	238960	19.630	ug/l	98
34) Benzene	8.613	78	661248	19.844	ug/l	97
35) Methacrylonitrile	7.783	41	80642	19.708	ug/l	99
36) 1,2-Dichloroethane	8.677	62	230276	20.214	ug/l	100
37) Trichloroethene	9.354	130	165379	19.359	ug/l	92
38) Methylcyclohexane	9.607	83	281391	19.607	ug/l	97
39) 1,2-Dichloropropane	9.624	63	150428	19.547	ug/l	98
40) Dibromomethane	9.713	93	118270	19.334	ug/l	97
41) Bromodichloromethane	9.889	83	236879	19.513	ug/l	95
42) Vinyl Acetate	6.613	43	1119715	98.620	ug/l	99

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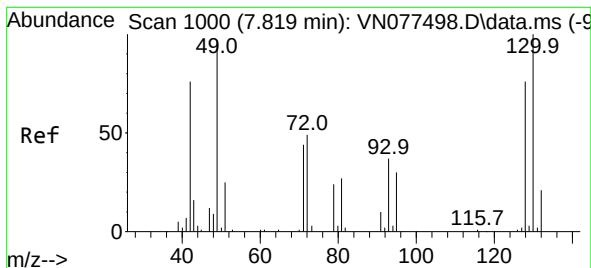
Manual Integrations
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 Supervised By : Semsettin Yesilyurt 04/29/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.572	43	158128m	20.195	ug/l	
44) Isopropyl Acetate	8.695	43	276521	20.152	ug/l	96
45) 1,4-Dioxane	9.695	88	65654	394.871	ug/l	96
46) Methyl methacrylate	9.683	41	122194	19.665	ug/l	97
47) n-amyl Acetate	12.495	43	214300	19.214	ug/l	98
48) t-1,3-Dichloropropene	10.842	75	242530	19.520	ug/l	100
49) cis-1,3-Dichloropropene	10.313	75	265260	19.744	ug/l	95
50) 1,1,2-Trichloroethane	11.019	97	172834	19.768	ug/l	97
51) Ethyl methacrylate	10.877	69	237287	19.564	ug/l	95
52) 1,3-Dichloropropane	11.166	76	279657	19.763	ug/l	99
53) Dibromochloromethane	11.360	129	179798	19.858	ug/l	100
54) 1,2-Dibromoethane	11.471	107	168202	18.977	ug/l	94
55) 2-Chloroethyl vinyl ether	10.160	63	391244	99.182	ug/l	99
56) Bromoform	12.583	173	109924	19.424	ug/l #	95
58) 4-Methyl-2-Pentanone	10.448	43	794795	97.415	ug/l	99
59) 2-Hexanone	11.195	43	594572	98.475	ug/l	98
61) Tetrachloroethene	11.107	164	130703	19.489	ug/l	94
62) Toluene	10.630	91	744136	19.347	ug/l	99
64) Chlorobenzene	11.895	112	451523	19.343	ug/l	91
65) 1,1,1,2-Tetrachloroethane	11.960	131	163201	19.497	ug/l	97
66) Ethyl Benzene	11.966	91	802995	19.118	ug/l	97
67) m/p-Xylenes	12.071	106	636100	38.791	ug/l	98
68) o-Xylene	12.401	106	313166	19.389	ug/l	100
69) Styrene	12.413	104	489482	19.248	ug/l	98
70) Isopropylbenzene	12.695	105	806987	19.435	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	238887	19.031	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	204547m	19.360	ug/l	
73) Bromobenzene	12.983	156	171392	19.501	ug/l	99
74) n-propylbenzene	13.036	91	880647	19.077	ug/l	99
75) 2-Chlorotoluene	13.130	91	544042	19.149	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	625788	19.609	ug/l	97
77) t-1,4-Dichloro-2-butene	12.742	75	70735	19.754	ug/l	93
78) 4-Chlorotoluene	13.224	91	522544	19.556	ug/l	99
79) tert-butylbenzene	13.442	119	584529	19.899	ug/l	98
80) 1,2,4-Trimethylbenzene	13.483	105	588834	19.874	ug/l	99
81) sec-Butylbenzene	13.618	105	809688	19.492	ug/l	99
82) p-Isopropyltoluene	13.730	119	630584	19.380	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	302084	19.132	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	294570	18.869	ug/l	99
85) n-Butylbenzene	14.059	91	481373	18.717	ug/l	98
86) Hexachloroethane	14.336	117	126071	19.267	ug/l	95
87) 1,2-Dichlorobenzene	14.107	146	306920	19.422	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	43517	18.484	ug/l	97
89) 1,2,4-Trichlorobenzene	15.395	180	71959	15.585	ug/l	96
90) Hexachlorobutadiene	15.506	225	63192	18.803	ug/l	99
91) Naphthalene	15.648	128	253298	14.677	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	64169	14.474	ug/l	98

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.819 min Scan# 10

Delta R.T. -0.000 min

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MSVOA_N

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VSTDICCC020

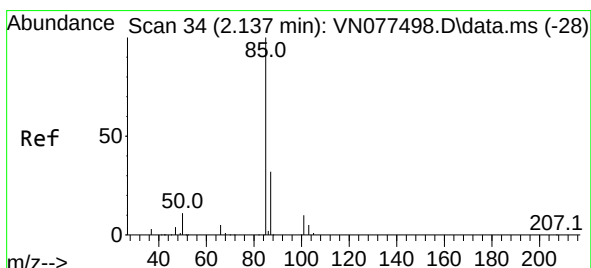
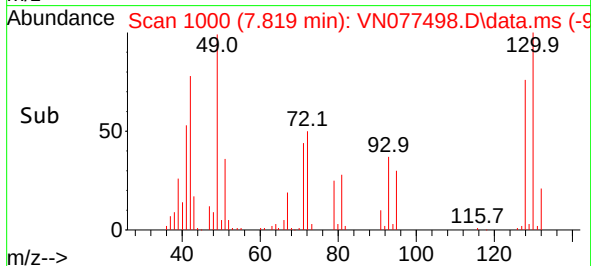
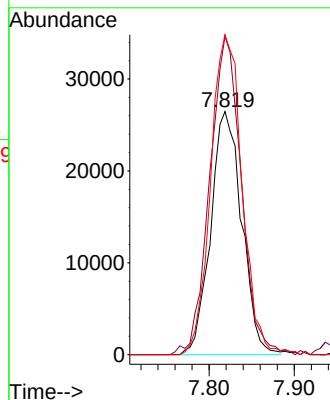
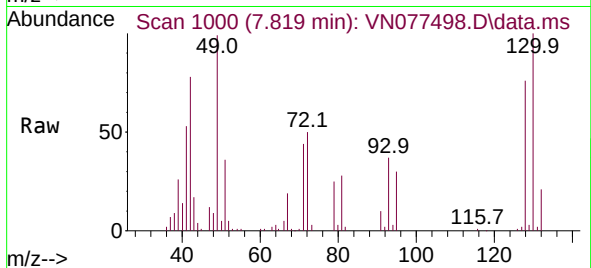
Tgt Ion:	128	Resp:	66939
Ion Ratio	Lower	Upper	
128	100		
49	131.7	0.0	338.5
130	133.3	0.0	326.3

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 04/29/2023



#2

Dichlorodifluoromethane

Concen: 18.989 ug/l

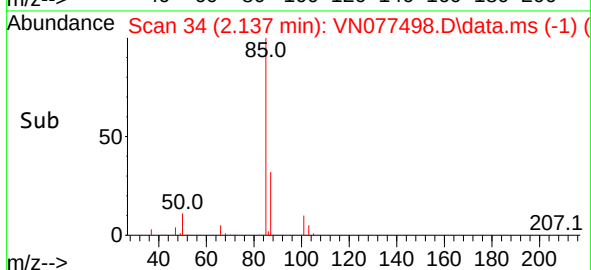
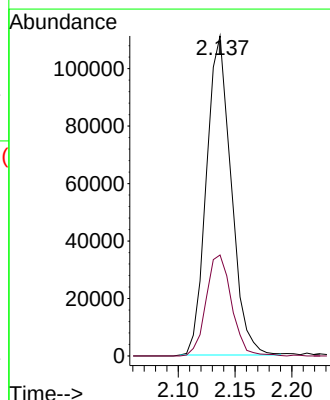
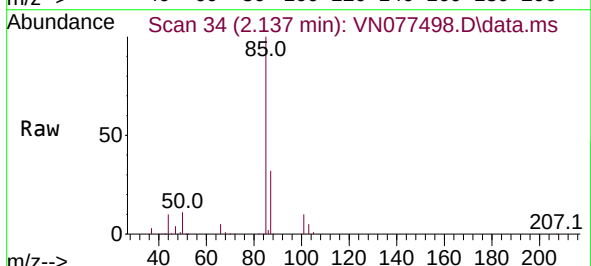
RT: 2.137 min Scan# 34

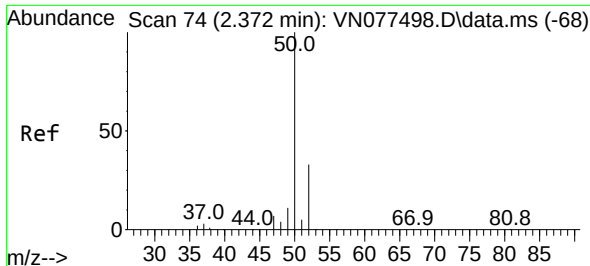
Delta R.T. 0.000 min

Lab File: VN077498.D

Acq: 28 Apr 2023 11:57

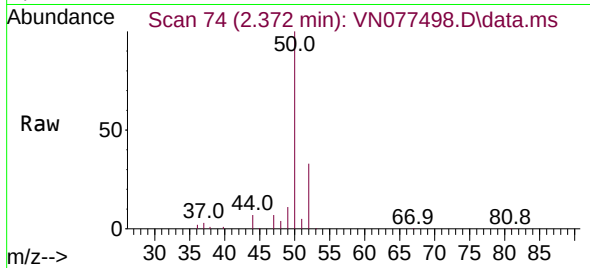
Tgt Ion:	85	Resp:	168408
Ion Ratio	Lower	Upper	
85	100		
87	31.6	16.1	48.3





#3
Chloromethane
Concen: 19.266 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

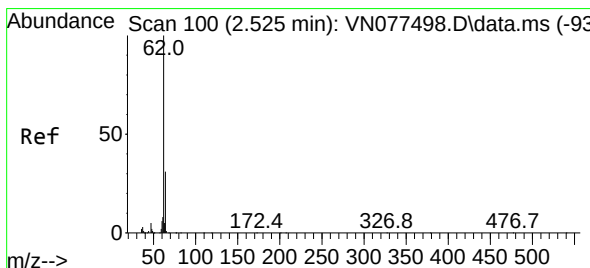
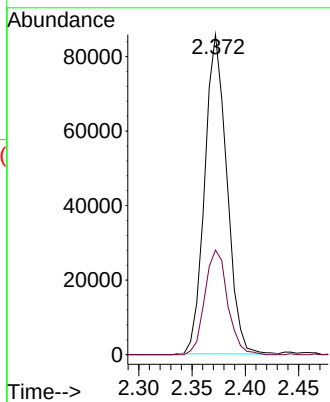
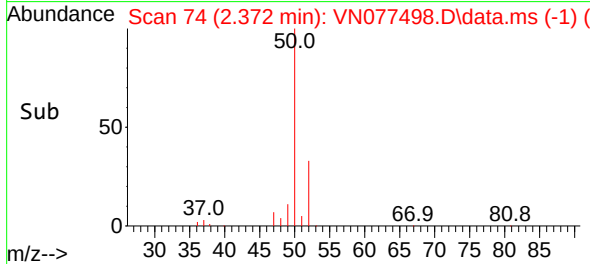
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 50 Resp: 123699
Ion Ratio Lower Upper
50 100
52 32.8 26.6 39.8

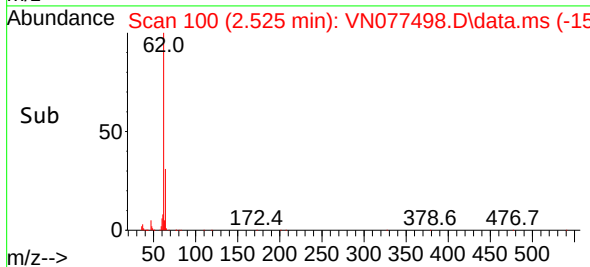
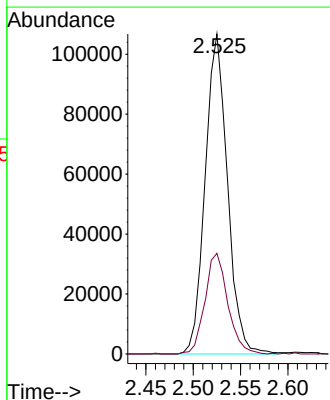
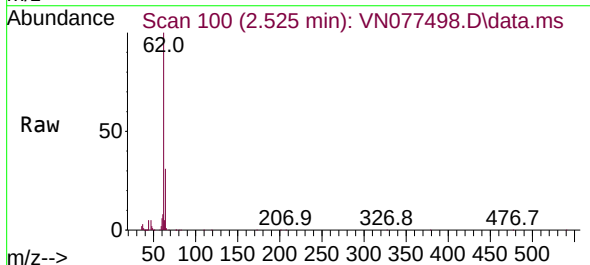
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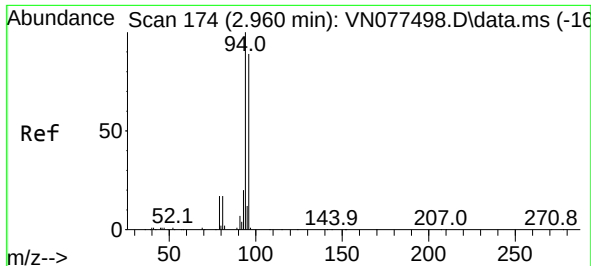
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#4
Vinyl Chloride
Concen: 19.430 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

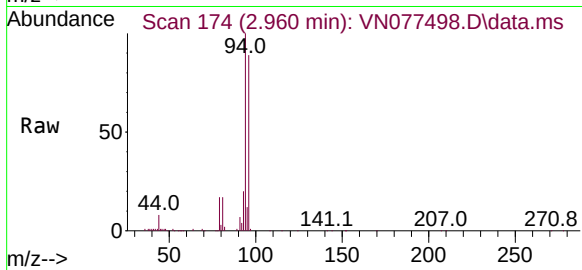
Tgt Ion: 62 Resp: 174555
Ion Ratio Lower Upper
62 100
64 31.4 27.1 40.7





#5
Bromomethane
Concen: 18.105 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

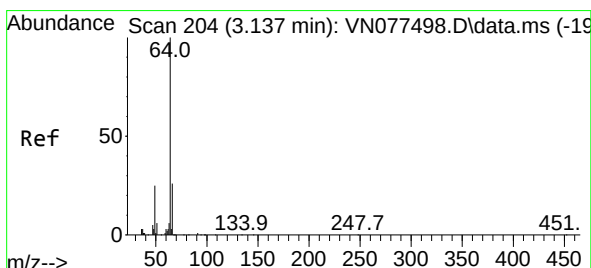
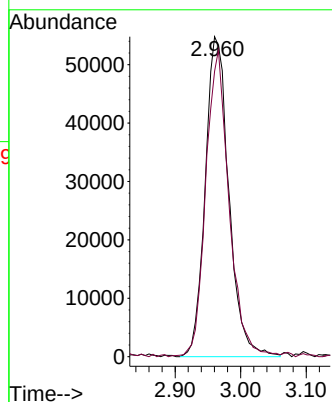
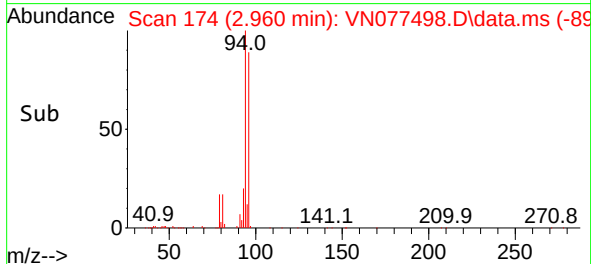
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VSTDICCC020



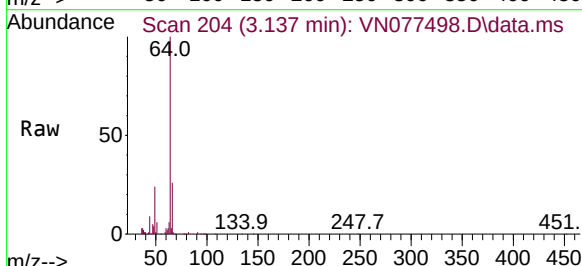
Tgt Ion: 94 Resp: 13718
Ion Ratio Lower Upper
94 100
96 88.8 72.6 108.8

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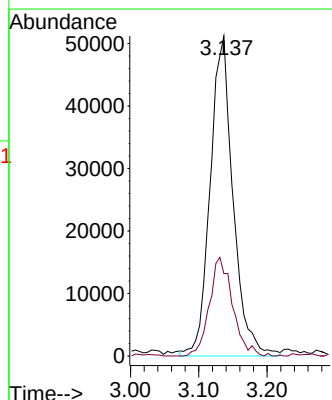
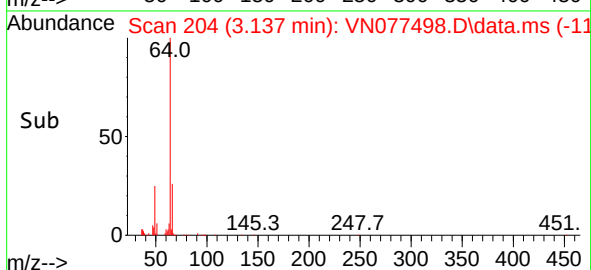
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

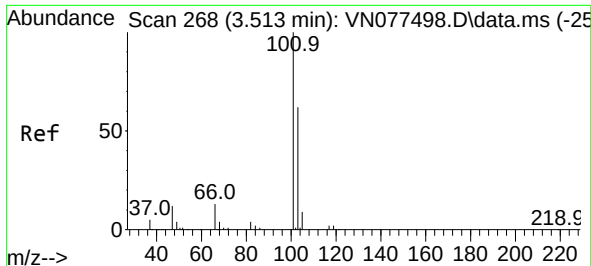


#6
Chloroethane
Concen: 19.396 ug/l m
RT: 3.137 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



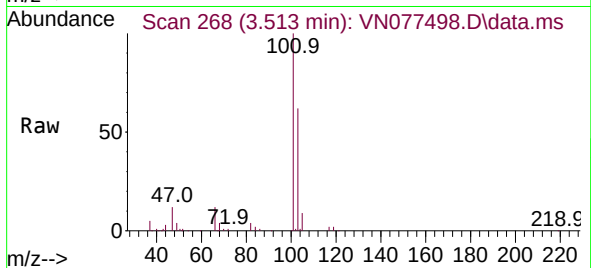
Tgt Ion: 64 Resp: 119505
Ion Ratio Lower Upper
64 100
66 25.8 29.1 43.7#





#7
 Trichlorofluoromethane
 Concen: 19.353 ug/l
 RT: 3.513 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN077498.D
 Acq: 28 Apr 2023 11:57

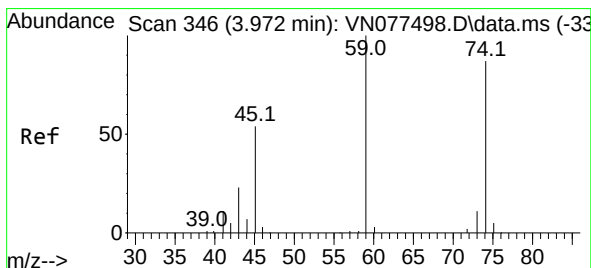
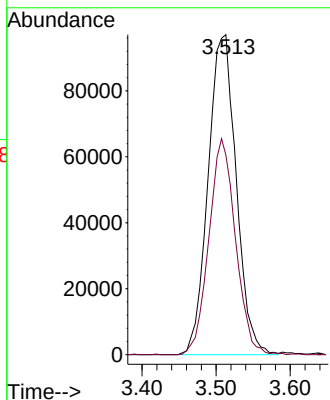
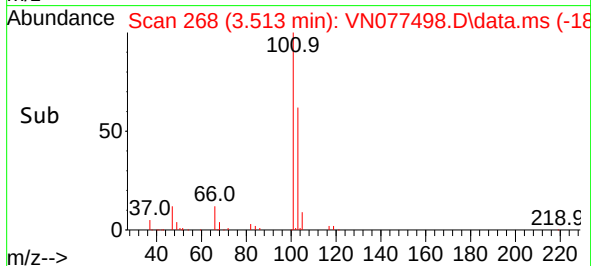
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Tgt Ion: 101 Resp: 255949
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.8 77.8

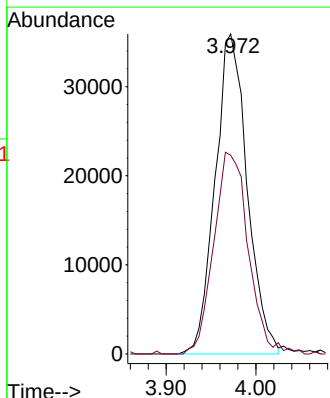
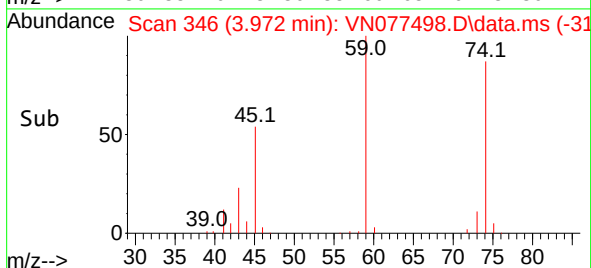
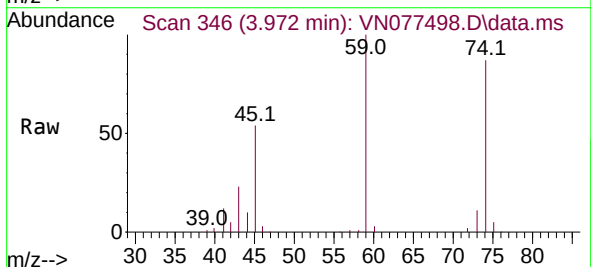
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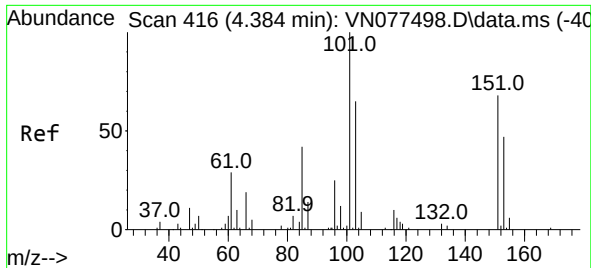
Reviewed By : John Carlone 04/29/2023
 Supervised By : Semsettin Yesilyurt 04/29/2023



#8
 Diethyl Ether
 Concen: 19.270 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077498.D
 Acq: 28 Apr 2023 11:57

Tgt Ion: 74 Resp: 89205
 Ion Ratio Lower Upper
 74 100
 45 66.5 13.6 122.0





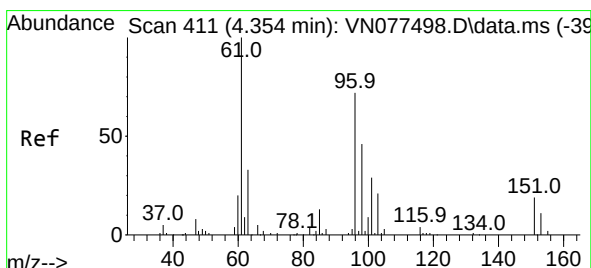
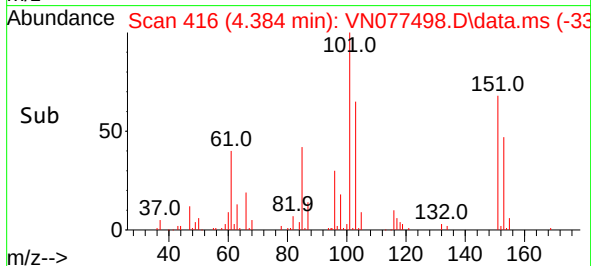
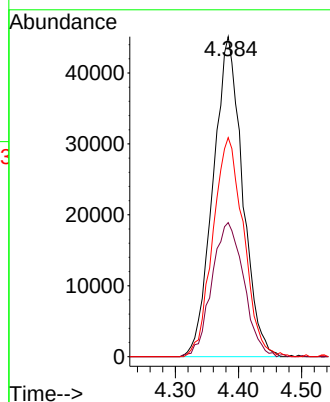
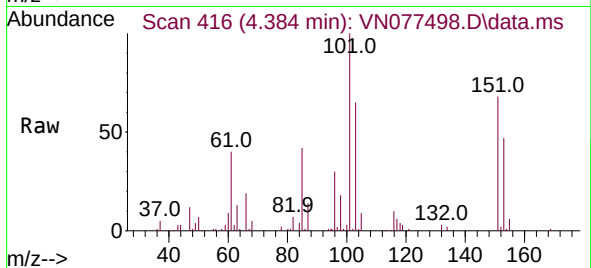
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.373 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN077498.D
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Instrument :
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ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 146049
Ion Ratio Lower Upper
101 100
85 45.3 0.0 90.4
151 71.3 0.0 140.8

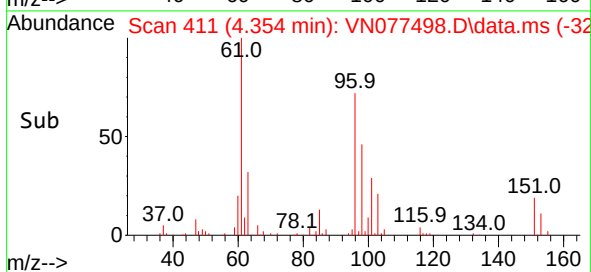
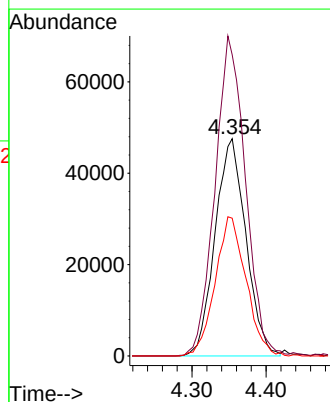
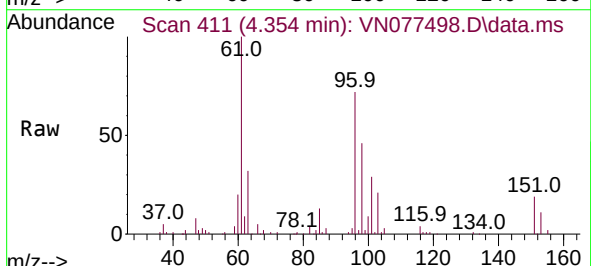
Manual Integrations
APPROVED

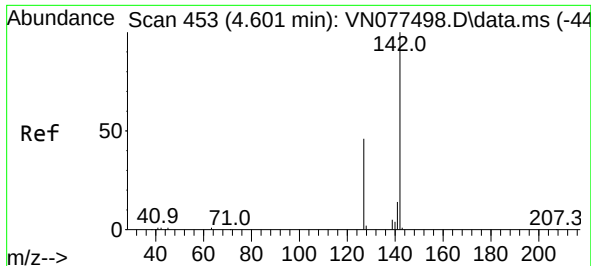
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#10
1,1-Dichloroethene
Concen: 19.136 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

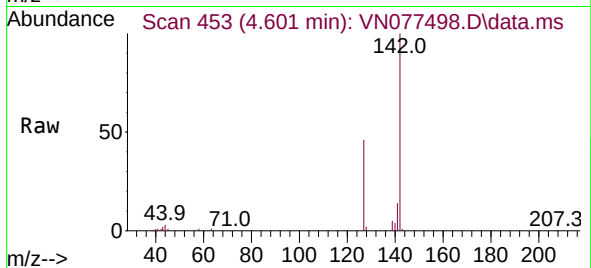
Tgt Ion: 96 Resp: 137434
Ion Ratio Lower Upper
96 100
61 138.3 108.8 163.2
98 63.4 43.5 65.3





#11
Methyl Iodide
Concen: 19.418 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

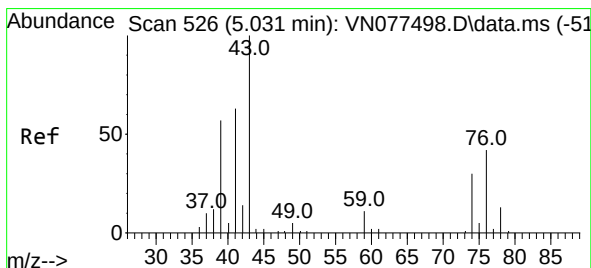
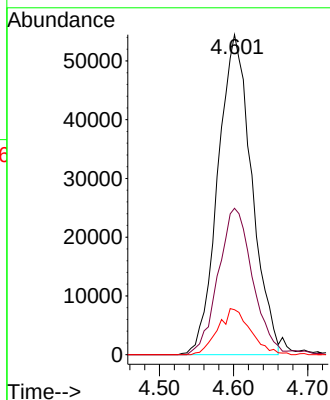
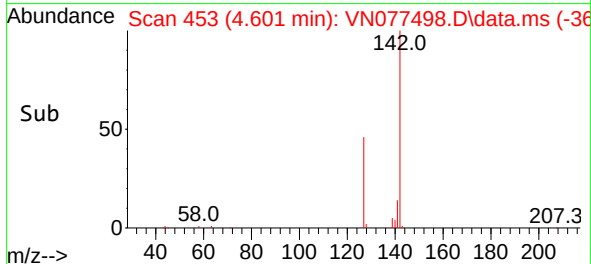
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



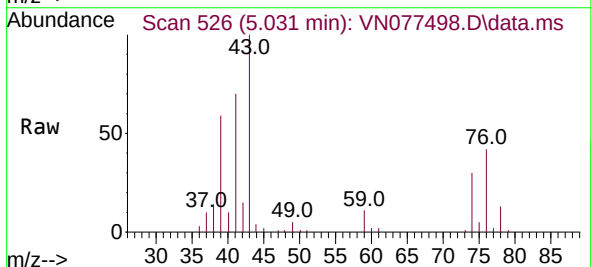
Tgt Ion:142 Resp: 172280
Ion Ratio Lower Upper
142 100
127 45.0 23.1 69.3
141 14.0 6.0 18.0

Manual Integrations
APPROVED

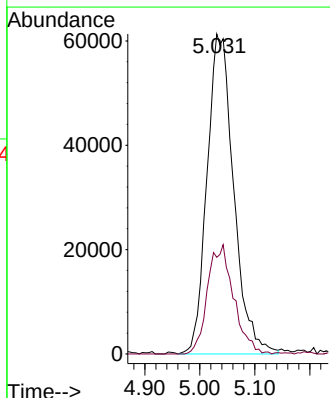
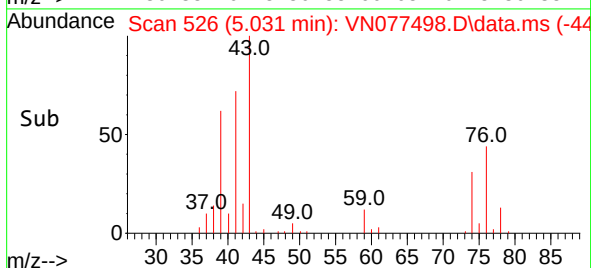
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

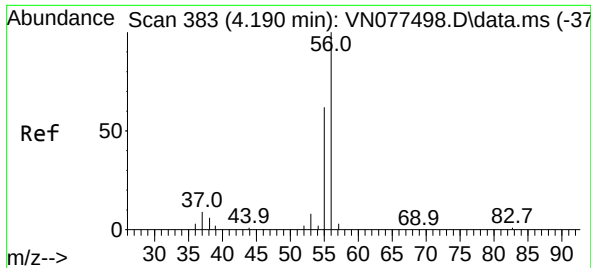


#12
Methyl Acetate
Concen: 19.996 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



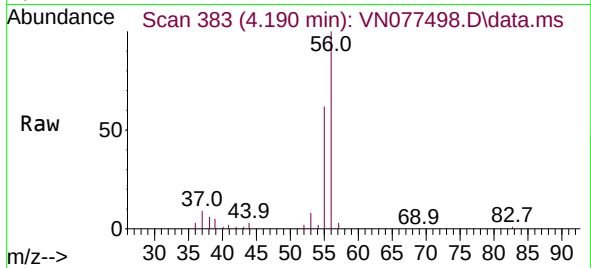
Tgt Ion: 43 Resp: 206730
Ion Ratio Lower Upper
43 100
74 30.2 25.8 38.8





#13
Acrolein
Concen: 99.811 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

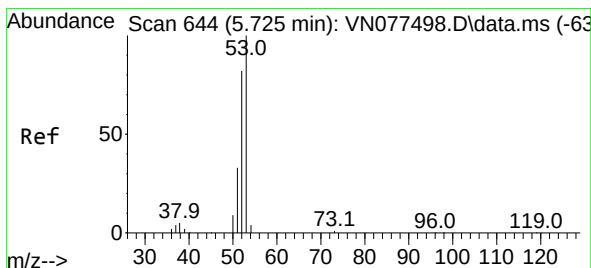
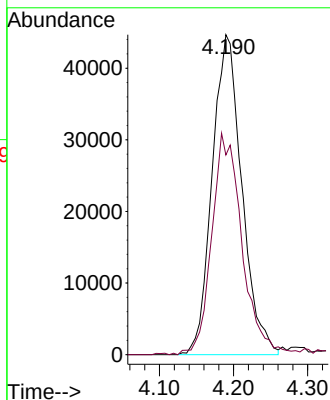
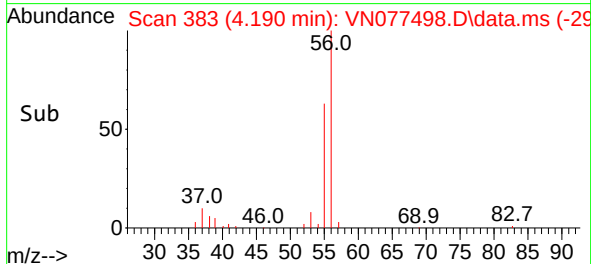
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 12416
Ion Ratio Lower Upper
56 100
55 69.8 55.8 83.6

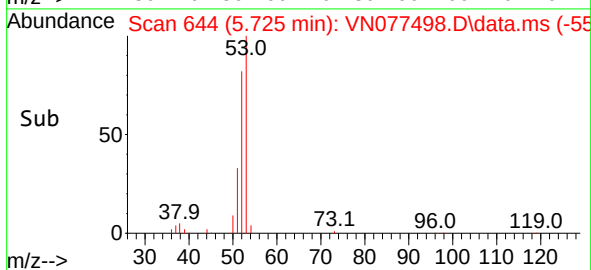
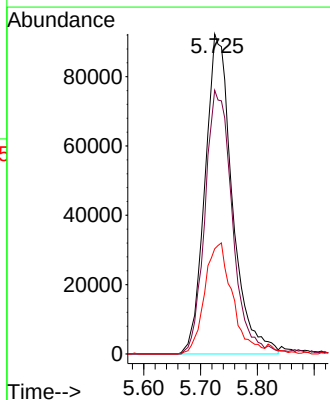
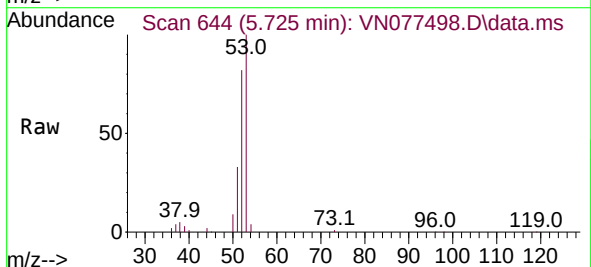
Manual Integrations
APPROVED

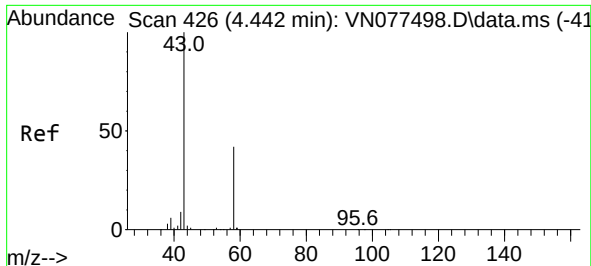
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#14
Acrylonitrile
Concen: 96.010 ug/l
RT: 5.725 min Scan# 644
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Tgt Ion: 53 Resp: 306773
Ion Ratio Lower Upper
53 100
52 82.0 41.9 125.6
51 35.4 18.0 54.0





#15

Acetone

Concen: 106.544 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN077498.D

Acq: 28 Apr 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 58 Resp: 10764

Ion Ratio Lower Upper

58 100

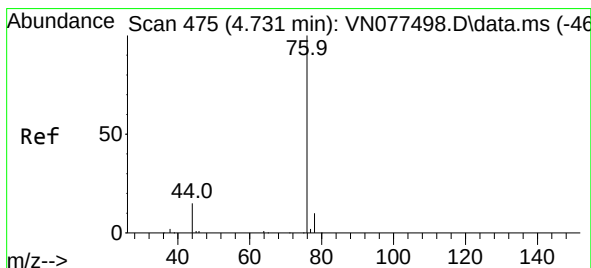
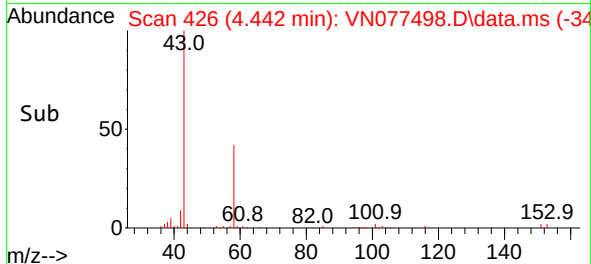
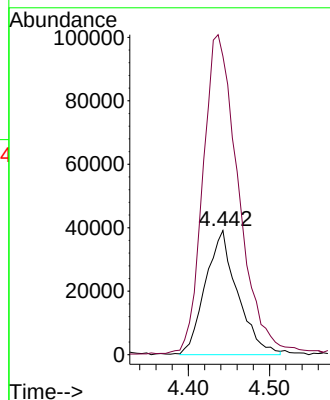
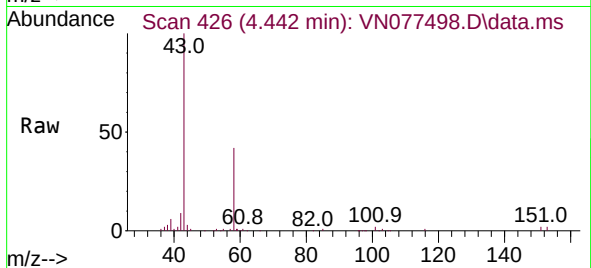
43 238.3 197.2 295.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#16

Carbon Disulfide

Concen: 18.669 ug/l

RT: 4.731 min Scan# 475

Delta R.T. 0.000 min

Lab File: VN077498.D

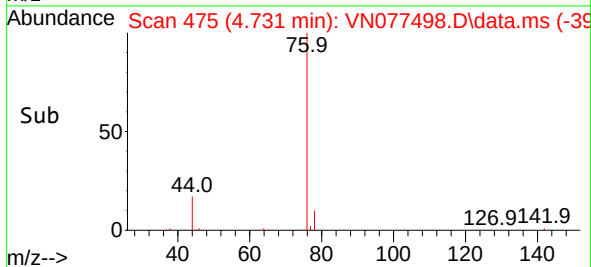
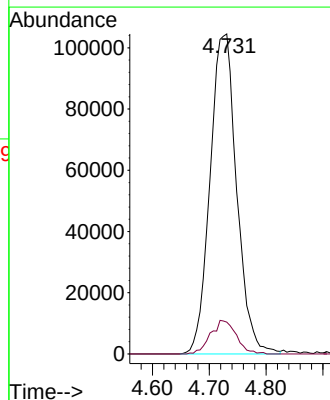
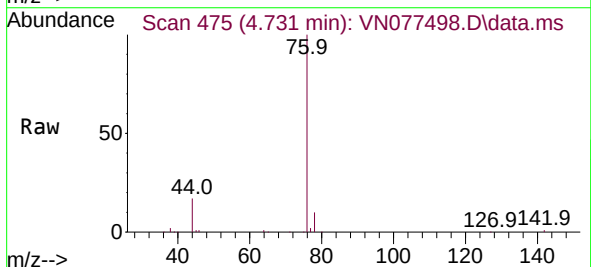
Acq: 28 Apr 2023 11:57

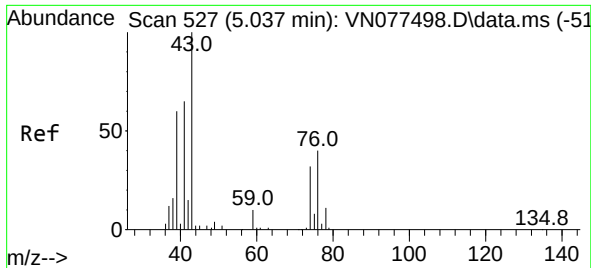
Tgt Ion: 76 Resp: 340792

Ion Ratio Lower Upper

76 100

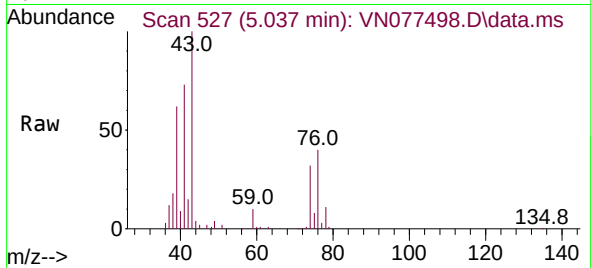
78 10.0 7.8 11.8





#17
 Allyl chloride
 Concen: 18.982 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN077498.D
 Acq: 28 Apr 2023 11:57

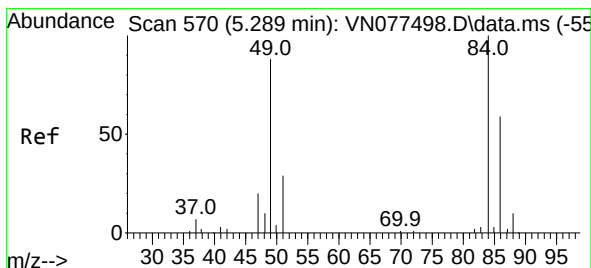
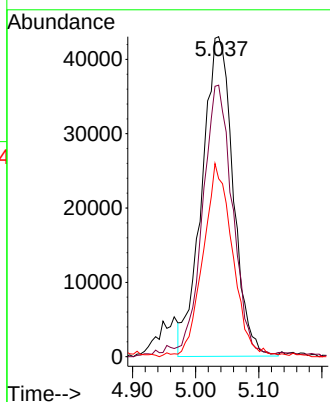
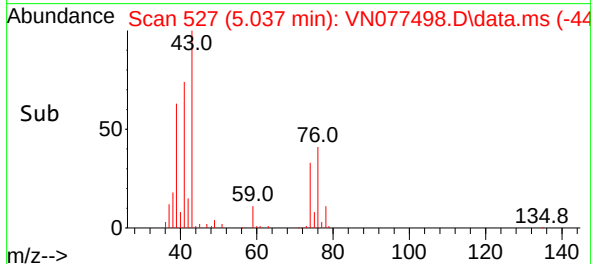
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 41 Resp: 14768
 Ion Ratio Lower Upper
 41 100
 39 84.2 38.6 116.0
 76 55.4 26.1 78.3

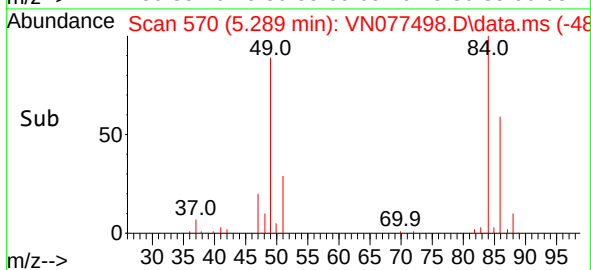
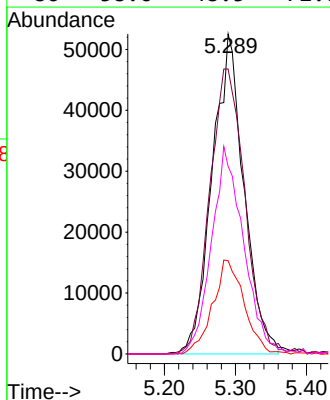
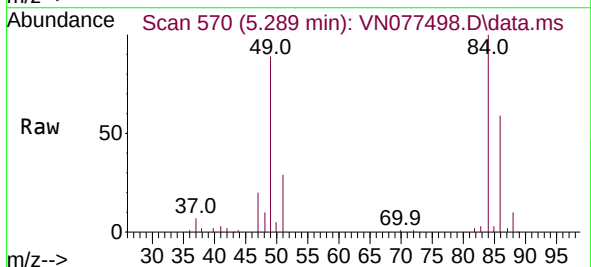
Manual Integrations
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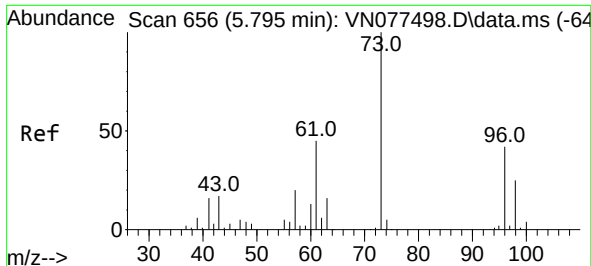
Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023



#18
 Methylene Chloride
 Concen: 19.312 ug/l
 RT: 5.289 min Scan# 570
 Delta R.T. 0.000 min
 Lab File: VN077498.D
 Acq: 28 Apr 2023 11:57

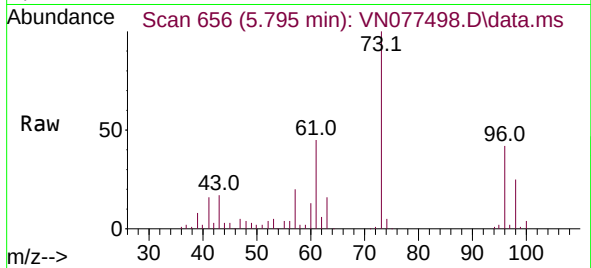
Tgt Ion: 84 Resp: 162635
 Ion Ratio Lower Upper
 84 100
 49 88.4 74.6 112.0
 51 28.8 25.0 37.6
 86 58.6 48.5 72.7





#19
trans-1,2-Dichloroethene
Concen: 19.303 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

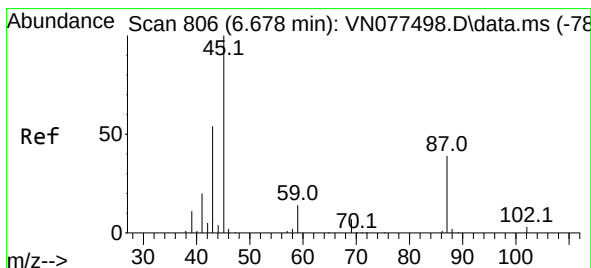
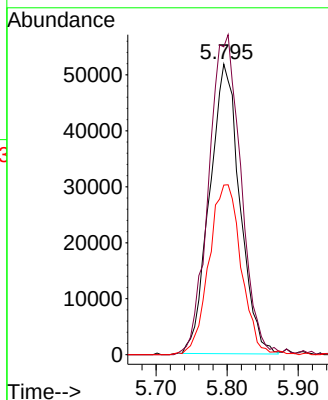
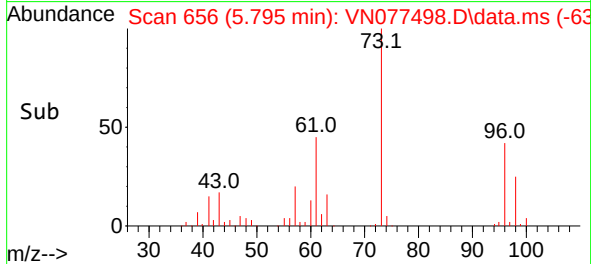
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 15317
Ion Ratio Lower Upper
96 100
61 105.8 89.7 134.5
98 58.0 47.0 70.4

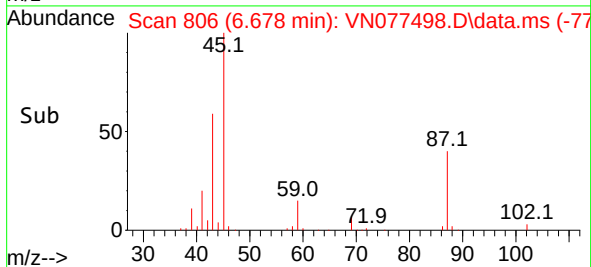
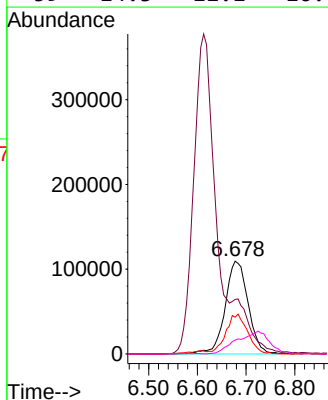
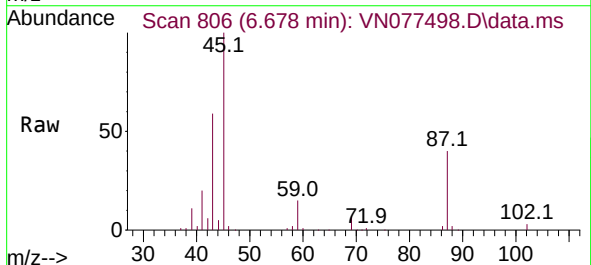
Manual Integrations
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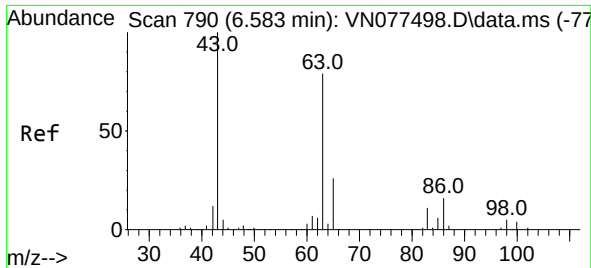
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#20
Diisopropyl ether
Concen: 19.593 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Tgt Ion: 45 Resp: 358064
Ion Ratio Lower Upper
45 100
43 55.8 46.6 69.8
87 39.5 34.6 52.0
59 14.3 11.1 16.7





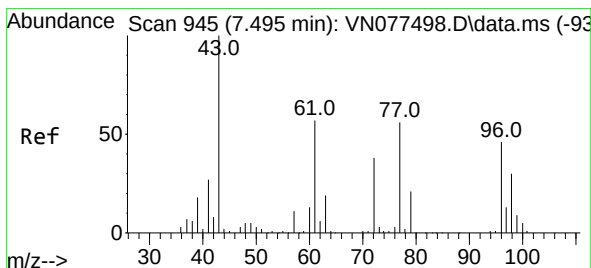
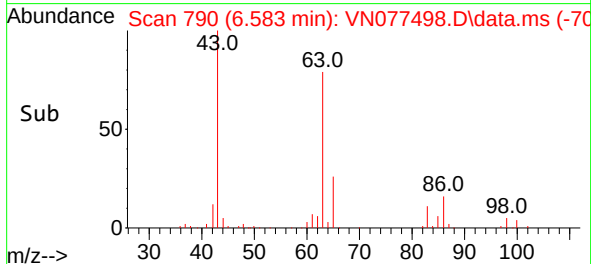
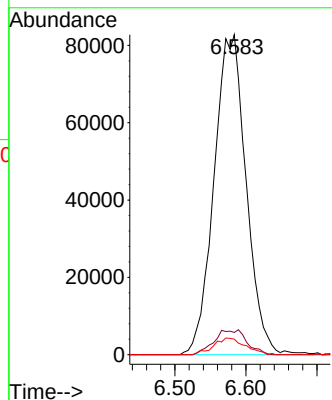
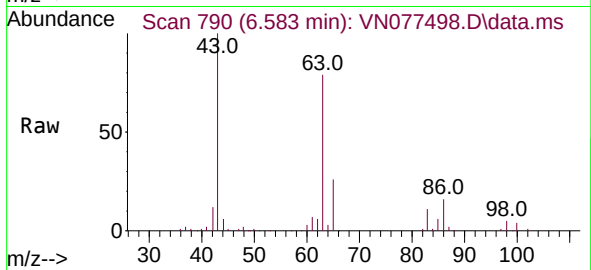
#21
1,1-Dichloroethane
Concen: 19.274 ug/l
RT: 6.583 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 259128
Ion Ratio Lower Upper
63 100
98 6.9 4.0 12.0
100 4.8 3.4 10.1

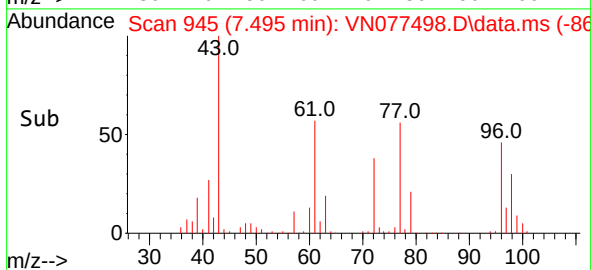
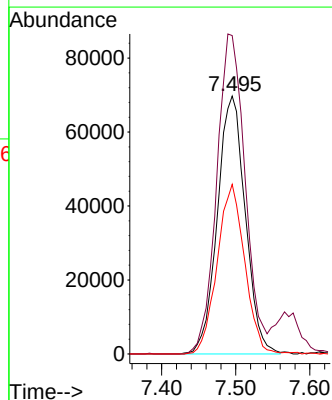
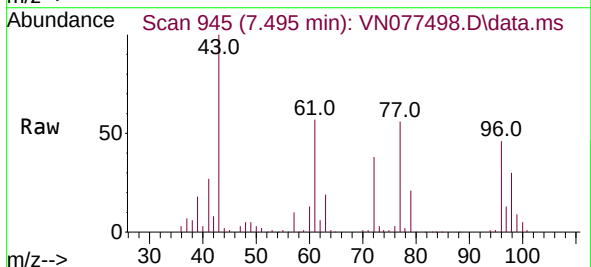
Manual Integrations
APPROVED

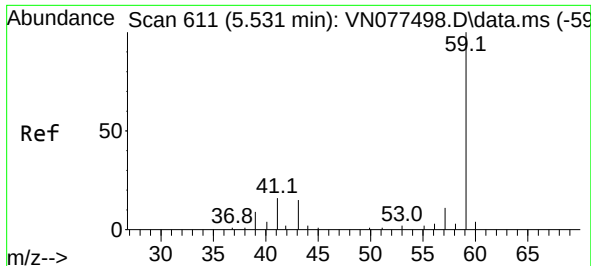
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#22
cis-1,2-Dichloroethene
Concen: 19.243 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Tgt Ion: 96 Resp: 182481
Ion Ratio Lower Upper
96 100
61 126.1 100.2 150.2
98 64.6 51.6 77.4





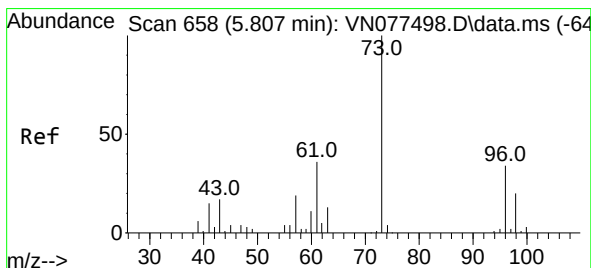
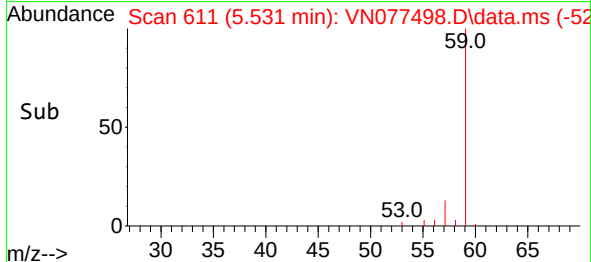
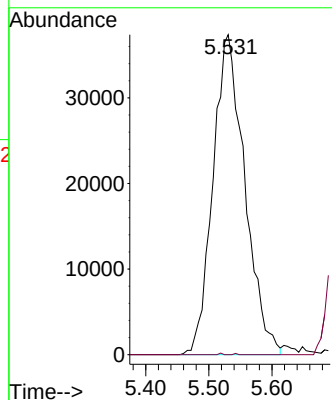
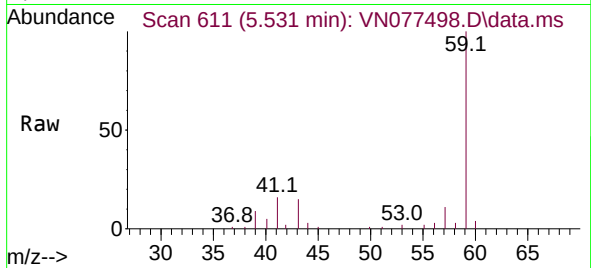
#23
tert-Butyl Alcohol
Concen: 94.038 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 130850
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

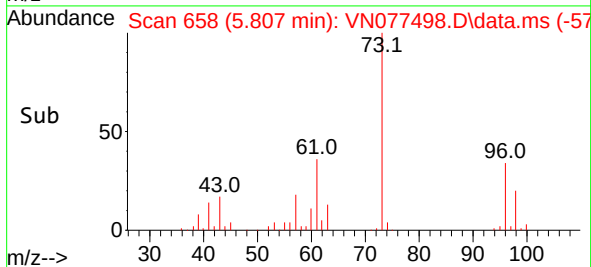
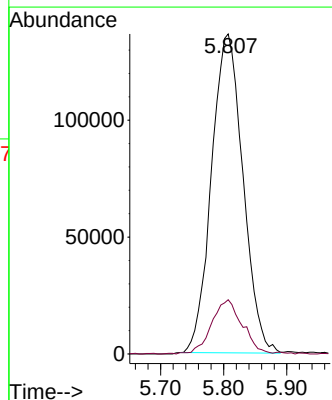
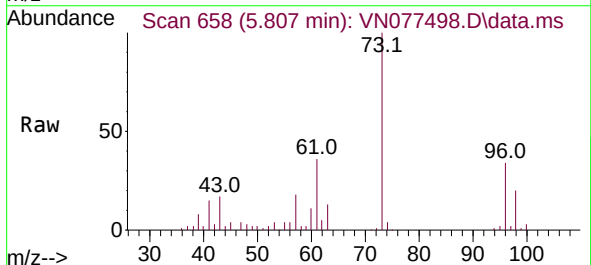
Manual Integrations
APPROVED

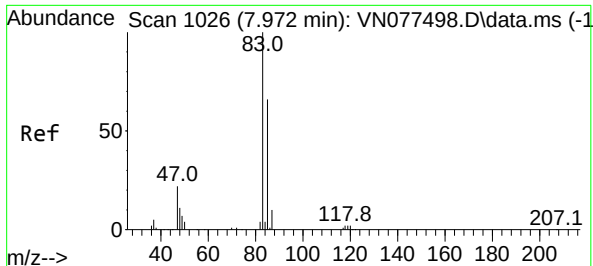
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#24
Methyl tert-Butyl Ether
Concen: 18.960 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Tgt Ion: 73 Resp: 472026
Ion Ratio Lower Upper
73 100
43 16.5 13.5 20.3





#25

Chloroform

Concen: 19.506 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077498.D

Acq: 28 Apr 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 301190

Ion Ratio Lower Upper

83 100

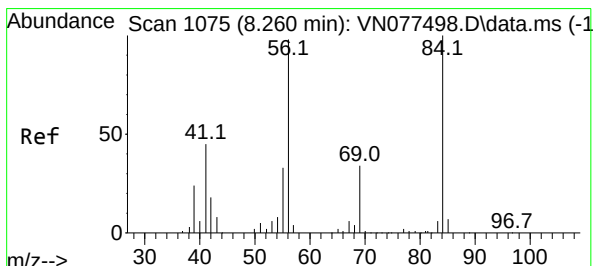
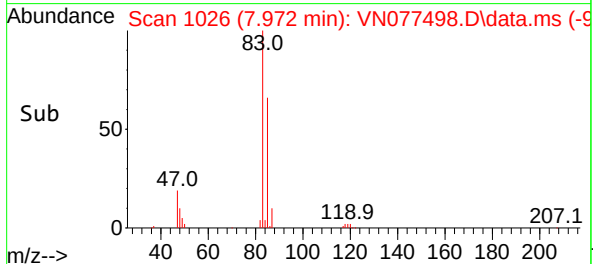
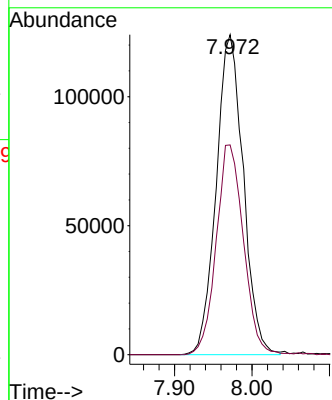
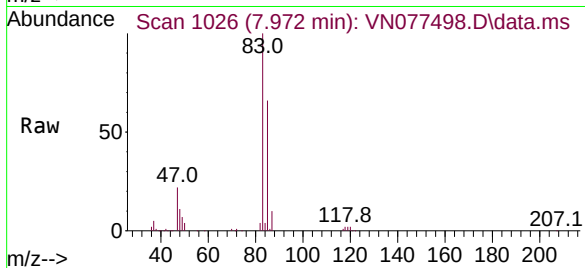
85 65.5 53.0 79.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#26

Cyclohexane

Concen: 19.538 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077498.D

Acq: 28 Apr 2023 11:57

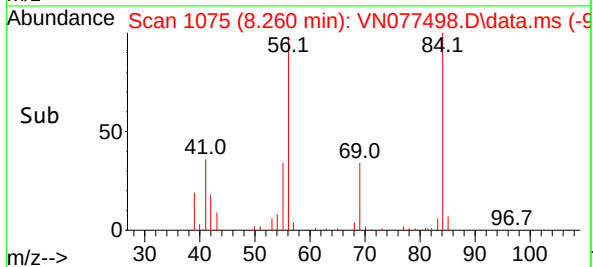
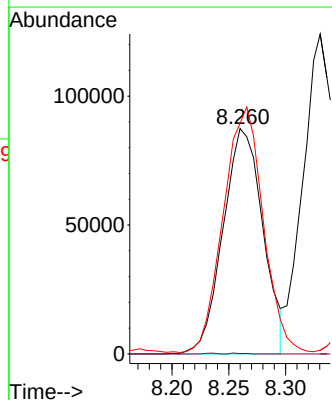
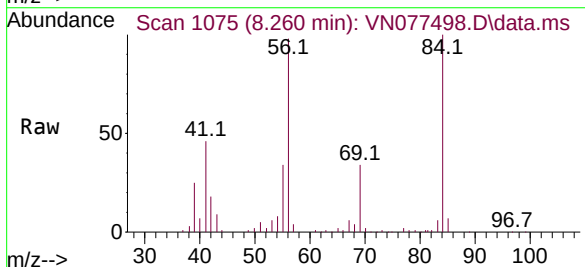
Tgt Ion: 56 Resp: 213148

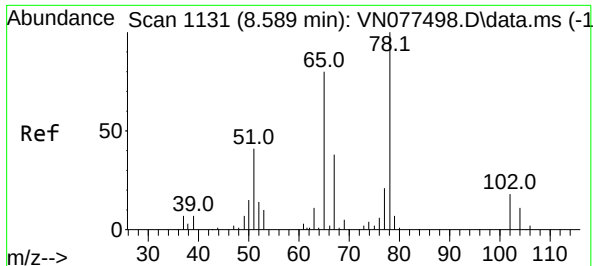
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 110.6 85.4 128.2





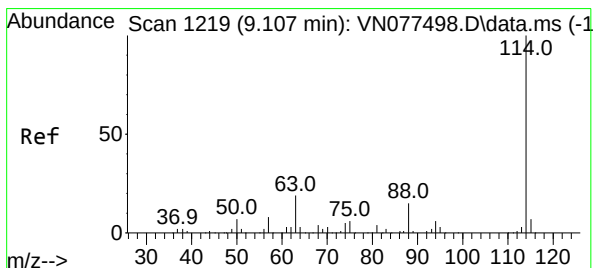
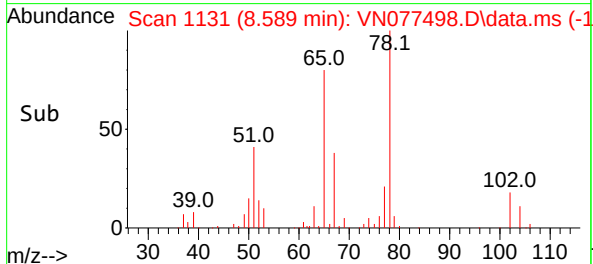
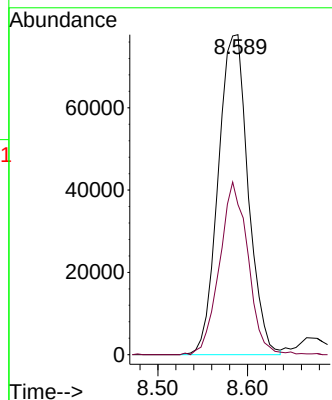
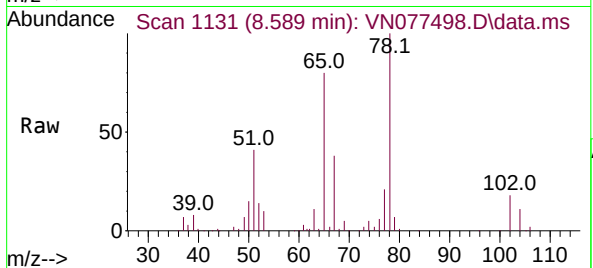
#27
1,2-Dichloroethane-d4
Concen: 29.777 ug/l
RT: 8.589 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 18037
Ion Ratio Lower Upper
65 100
67 50.9 40.2 60.2

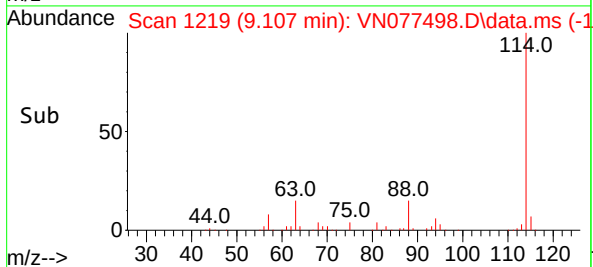
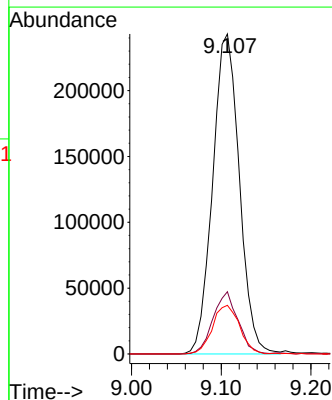
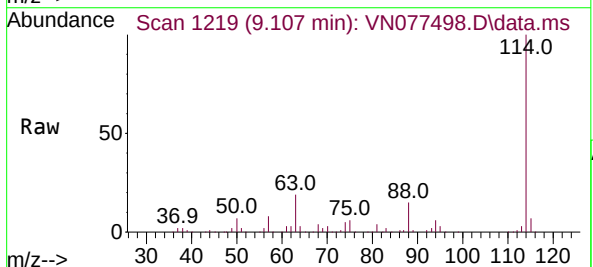
Manual Integrations
APPROVED

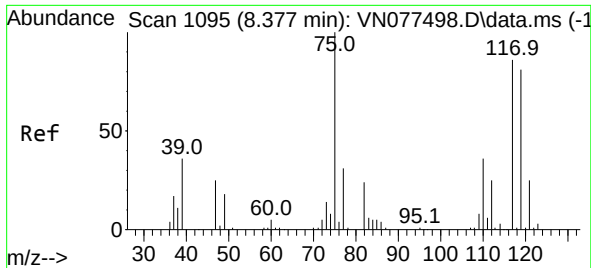
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

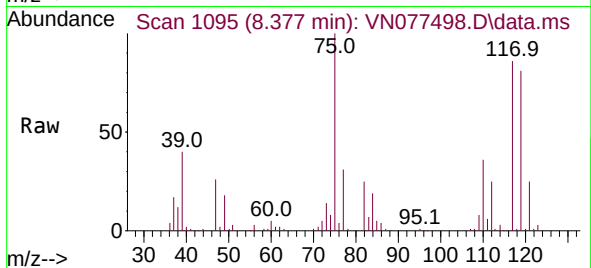
Tgt Ion:114 Resp: 502001
Ion Ratio Lower Upper
114 100
63 18.1 14.1 21.1
88 15.5 12.3 18.5





#29
1,1-Dichloropropene
Concen: 19.579 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

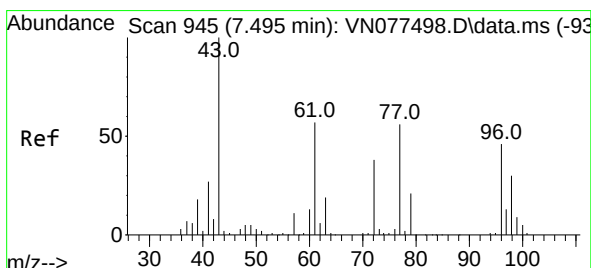
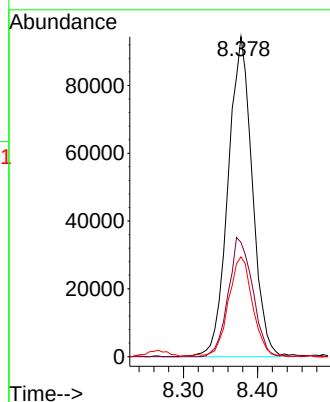
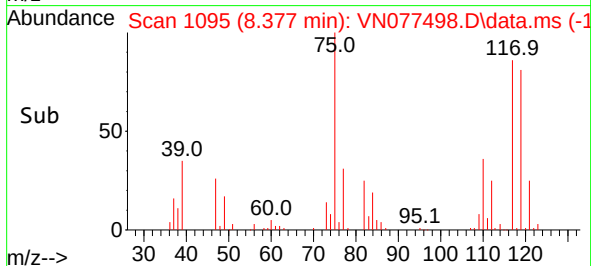
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



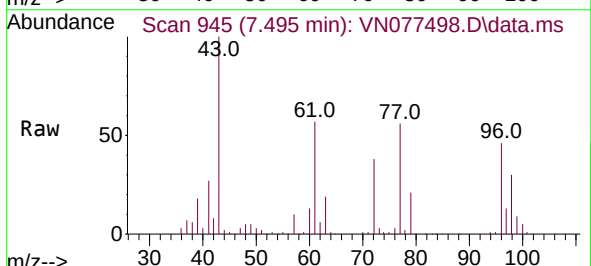
Tgt Ion: 75 Resp: 213475
Ion Ratio Lower Upper
75 100
110 37.3 0.0 74.0
77 31.2 0.0 62.8

Manual Integrations
APPROVED

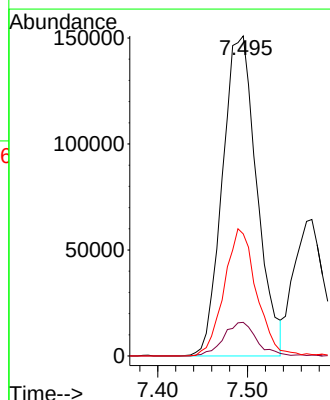
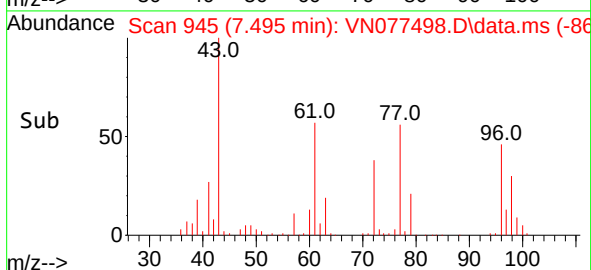
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

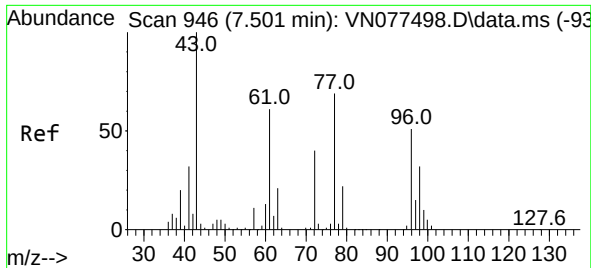


#30
2-Butanone
Concen: 102.186 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



Tgt Ion: 43 Resp: 401921
Ion Ratio Lower Upper
43 100
57 10.1 8.0 12.0
72 37.0 30.4 45.6





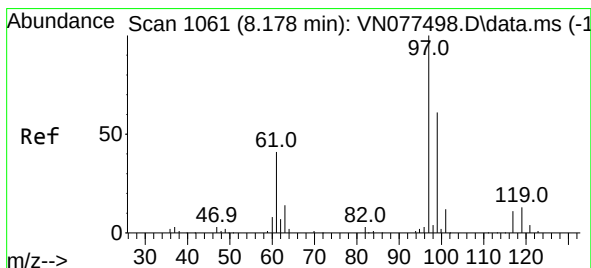
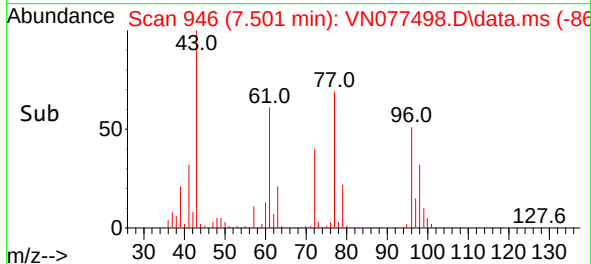
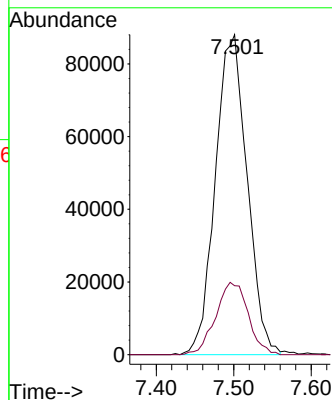
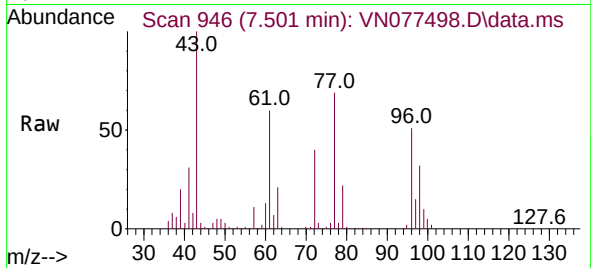
#31
2,2-Dichloropropane
Concen: 19.443 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 250779
Ion Ratio Lower Upper
77 100
97 23.1 18.1 27.1

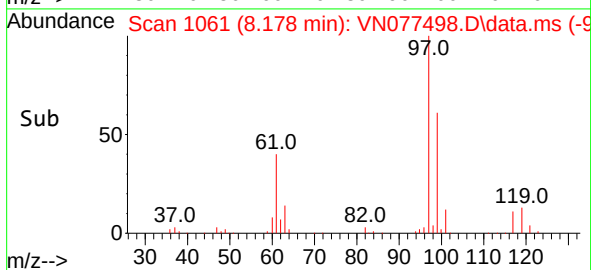
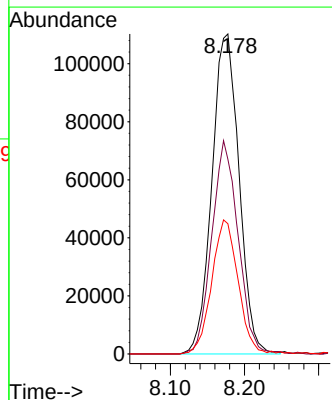
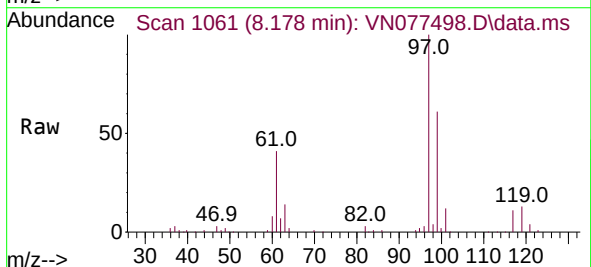
Manual Integrations
APPROVED

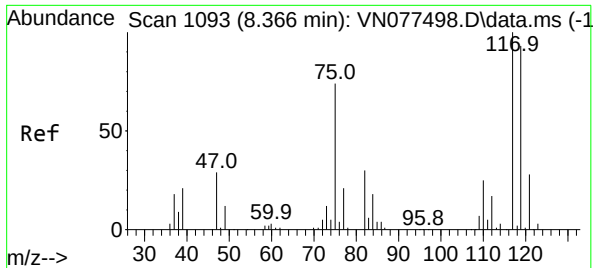
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#32
1,1,1-Trichloroethane
Concen: 19.873 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

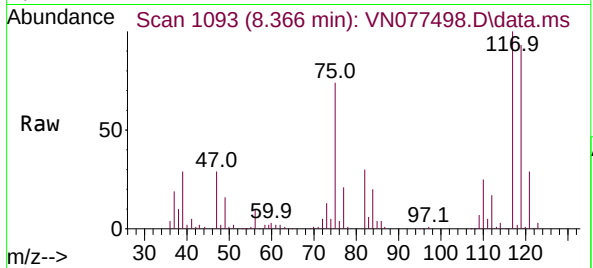
Tgt Ion: 97 Resp: 280597
Ion Ratio Lower Upper
97 100
99 64.4 50.1 75.1
61 40.5 31.1 46.7





#33
Carbon Tetrachloride
Concen: 19.630 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

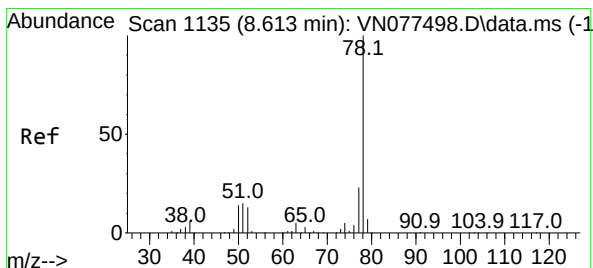
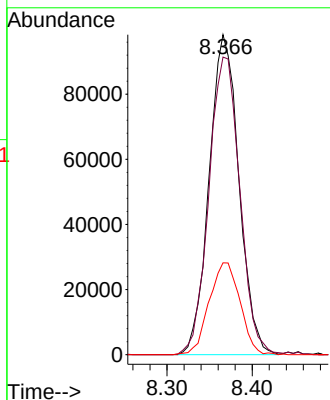
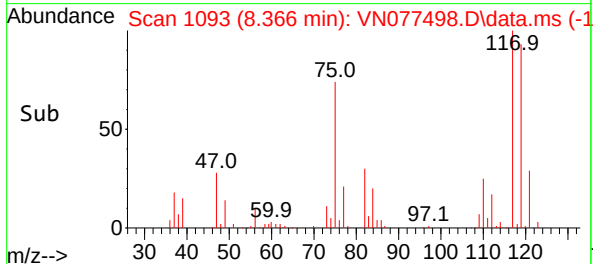
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 238960
Ion Ratio Lower Upper
117 100
119 92.8 72.6 109.0
121 28.7 24.3 36.5

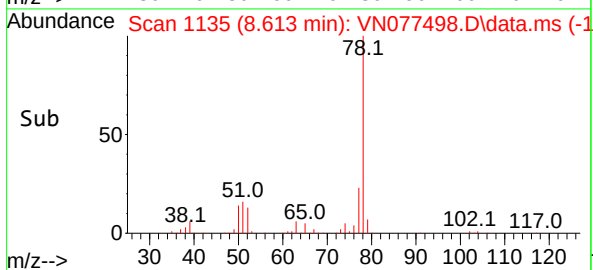
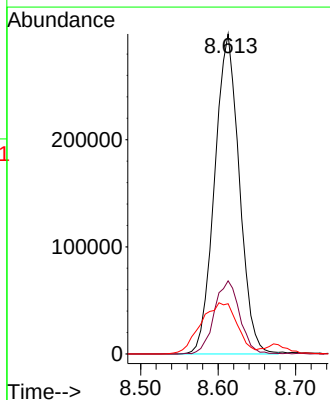
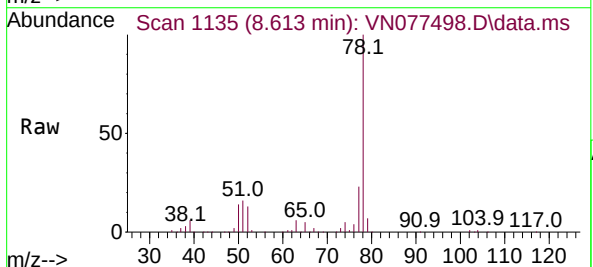
Manual Integrations
APPROVED

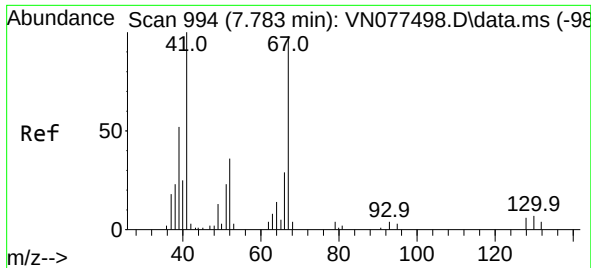
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#34
Benzene
Concen: 19.844 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

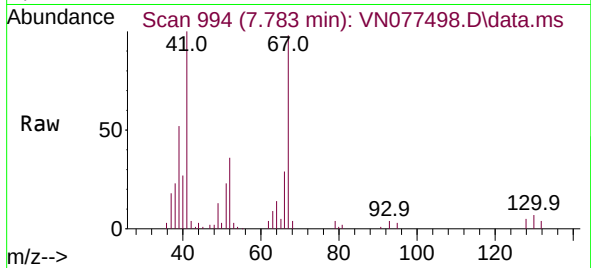
Tgt Ion: 78 Resp: 661248
Ion Ratio Lower Upper
78 100
77 22.8 17.1 25.7
51 15.1 11.3 16.9





#35
Methacrylonitrile
Concen: 19.708 ug/l
RT: 7.783 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

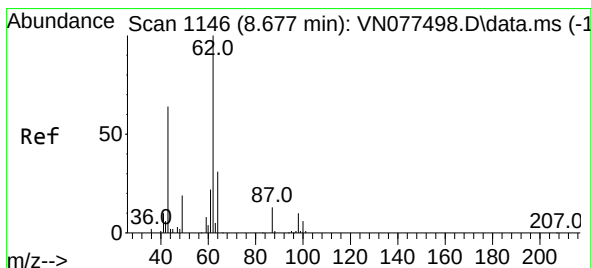
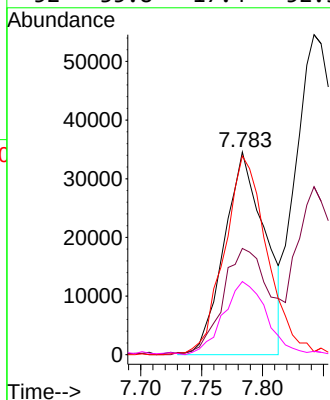
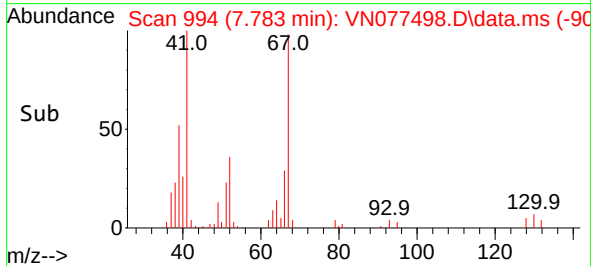
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



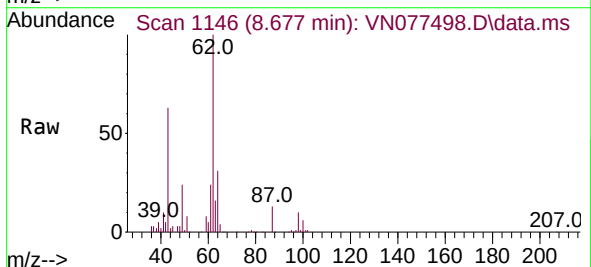
Tgt Ion: 41 Resp: 8064
Ion Ratio Lower Upper
41 100
39 51.6 25.9 77.8
67 97.7 48.1 144.4
52 35.8 17.4 52.3

Manual Integrations
APPROVED

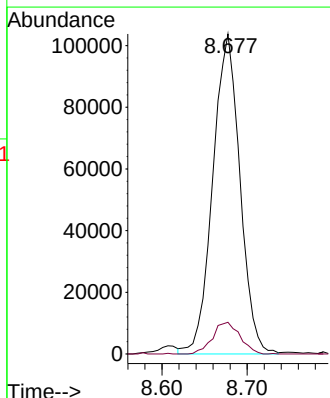
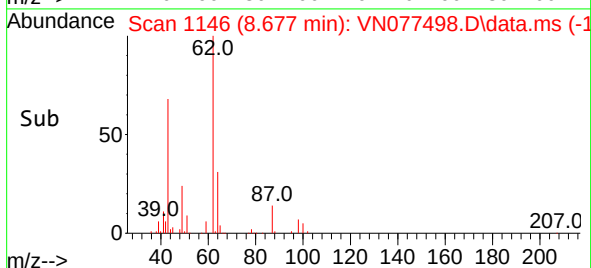
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

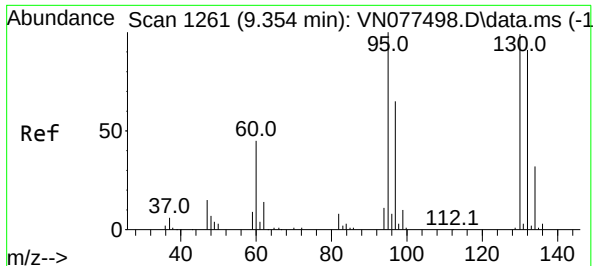


#36
1,2-Dichloroethane
Concen: 20.214 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



Tgt Ion: 62 Resp: 230276
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0





#37

Trichloroethene

Concen: 19.359 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077498.D

Acq: 28 Apr 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 165379

Ion Ratio Lower Upper

130 100

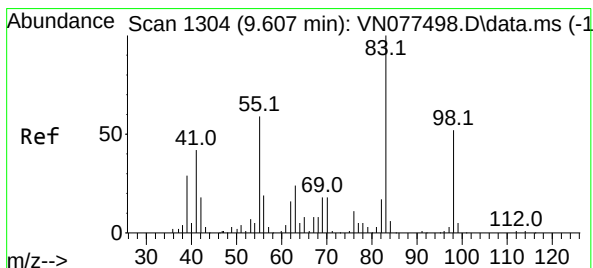
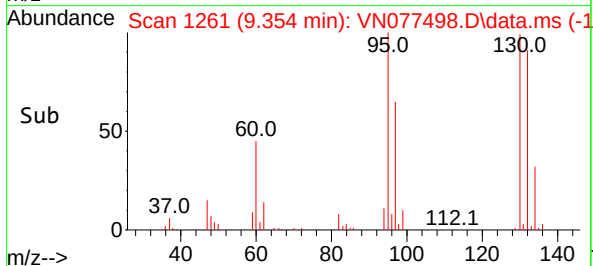
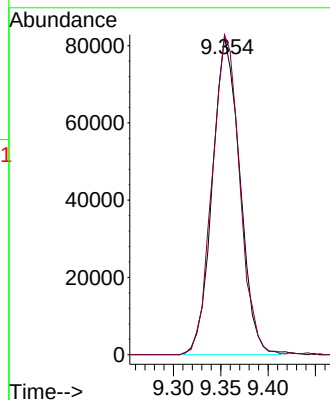
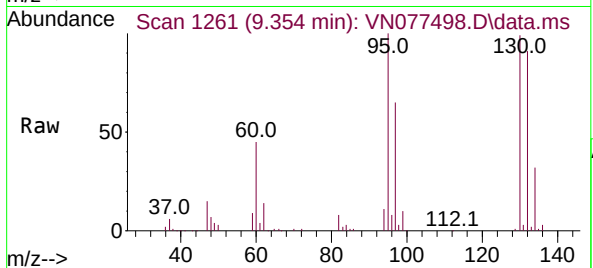
95 100.8 87.1 130.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#38

Methylcyclohexane

Concen: 19.607 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN077498.D

Acq: 28 Apr 2023 11:57

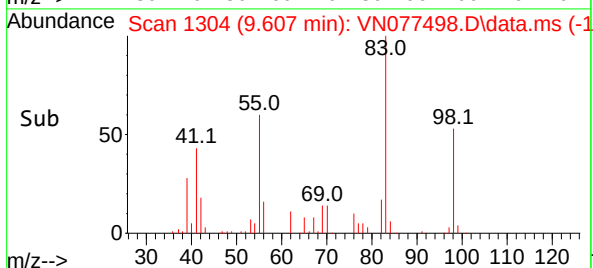
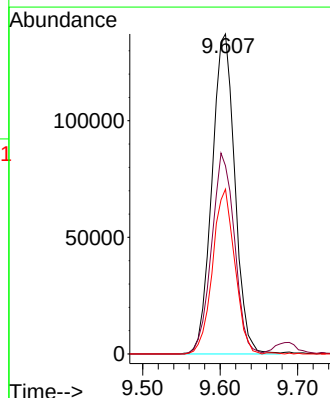
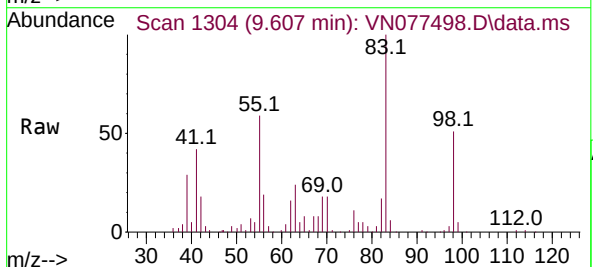
Tgt Ion: 83 Resp: 281391

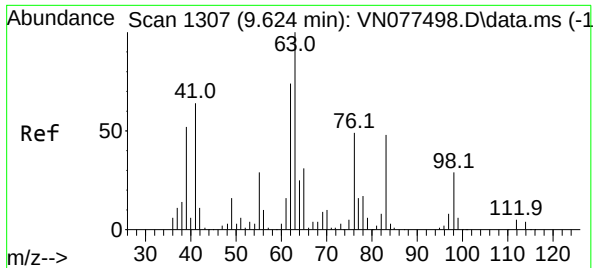
Ion Ratio Lower Upper

83 100

55 62.9 29.6 88.9

98 50.2 25.1 75.3





#39

1,2-Dichloropropane

Concen: 19.547 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077498.D

Acq: 28 Apr 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 150428

Ion Ratio Lower Upper

63 100

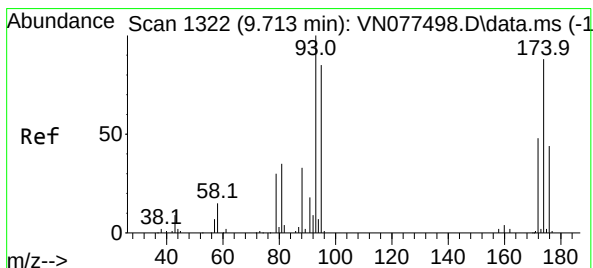
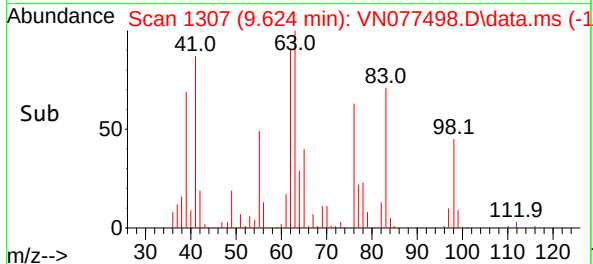
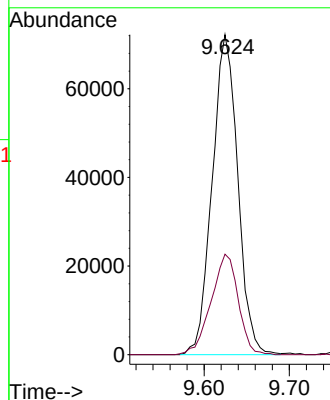
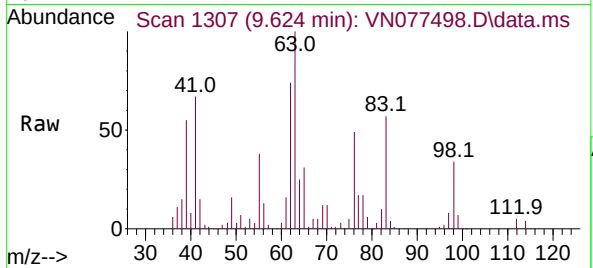
65 31.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#40

Dibromomethane

Concen: 19.334 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077498.D

Acq: 28 Apr 2023 11:57

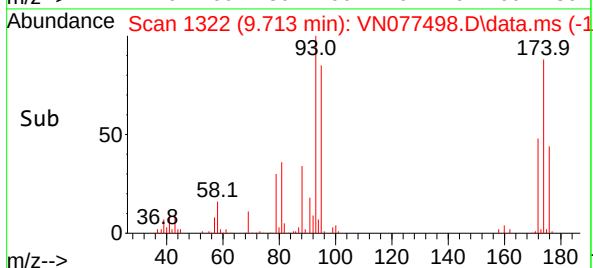
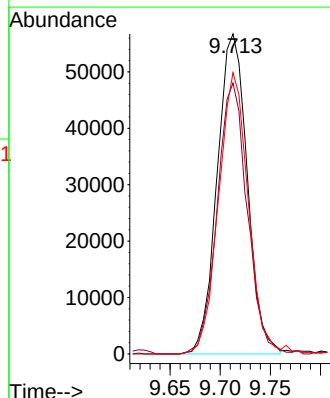
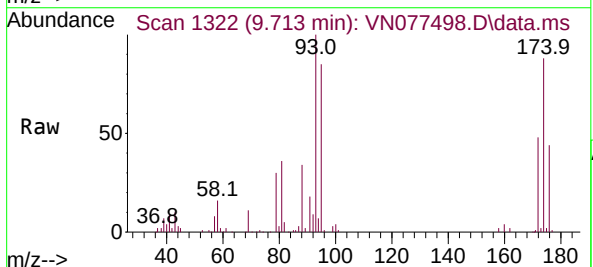
Tgt Ion: 93 Resp: 118270

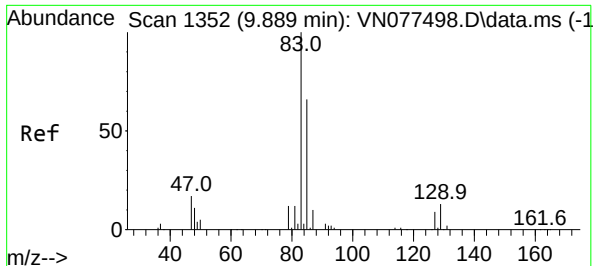
Ion Ratio Lower Upper

93 100

95 84.2 0.0 171.0

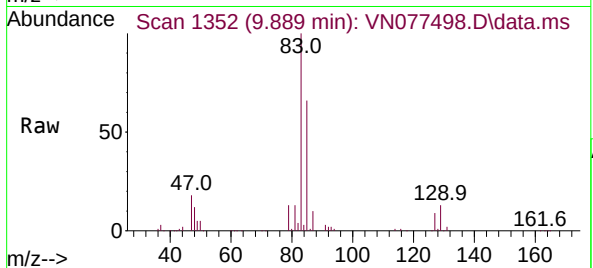
174 86.1 0.0 164.2





#41
Bromodichloromethane
Concen: 19.513 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

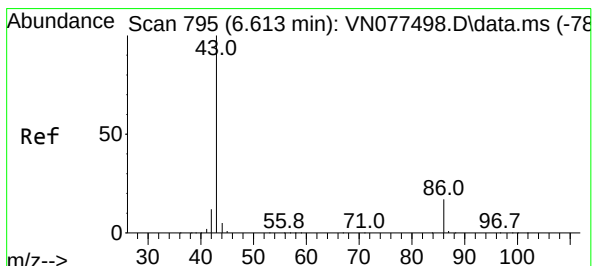
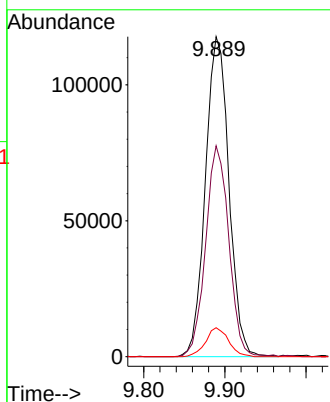
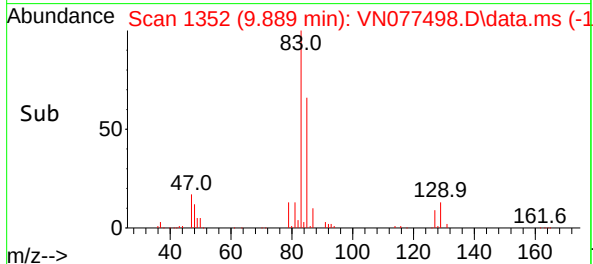
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



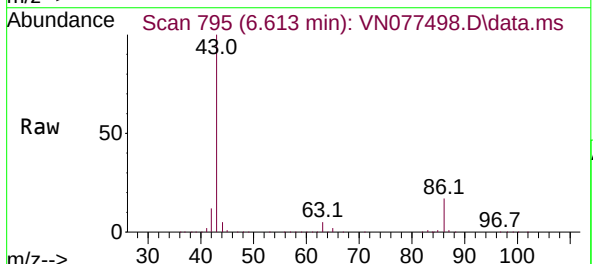
Tgt Ion: 83 Resp: 236879
Ion Ratio Lower Upper
83 100
85 65.8 49.2 73.8
127 9.0 6.1 9.1

Manual Integrations
APPROVED

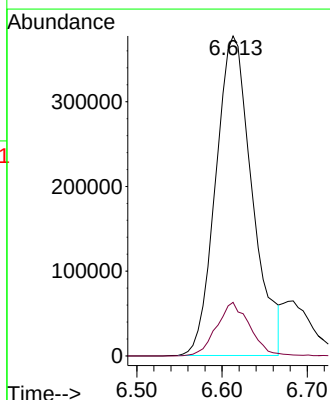
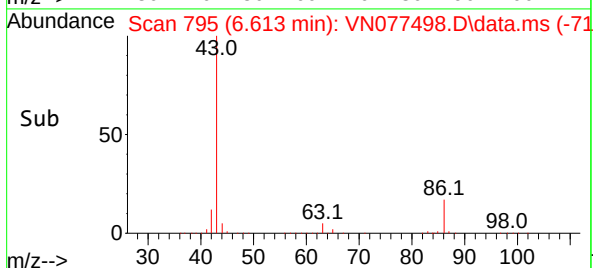
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

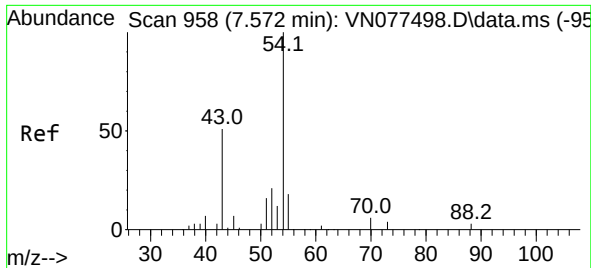


#42
Vinyl Acetate
Concen: 98.620 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



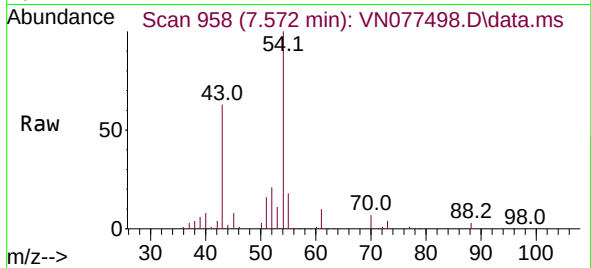
Tgt Ion: 43 Resp: 1119715
Ion Ratio Lower Upper
43 100
86 15.4 12.6 18.8





#43
Ethyl Acetate
Concen: 20.195 ug/l m
RT: 7.572 min Scan# 958
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

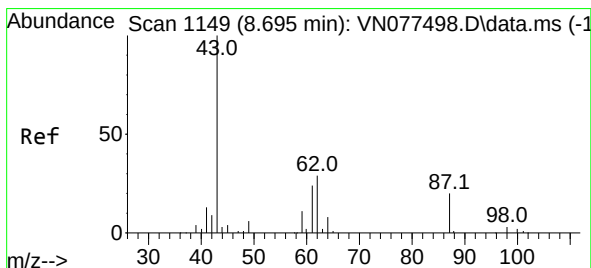
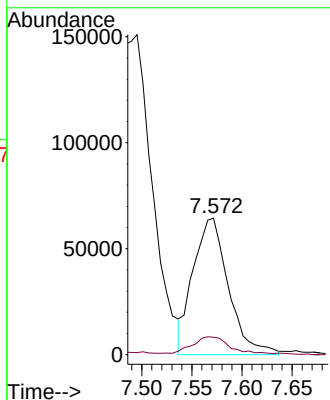
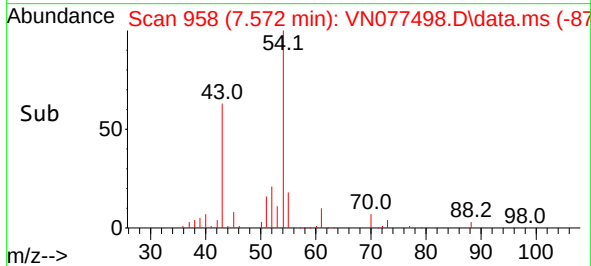
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 158128
Ion Ratio Lower Upper
43 100
45 2.4 4.8 7.2

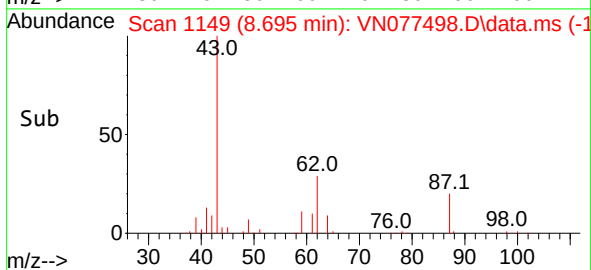
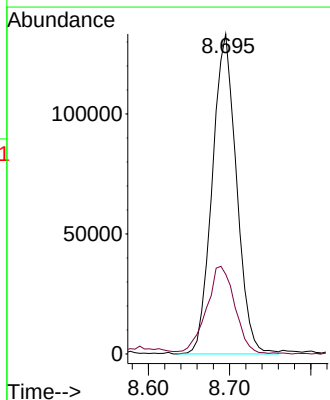
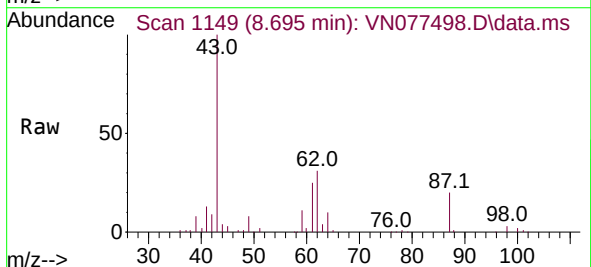
Manual Integrations
APPROVED

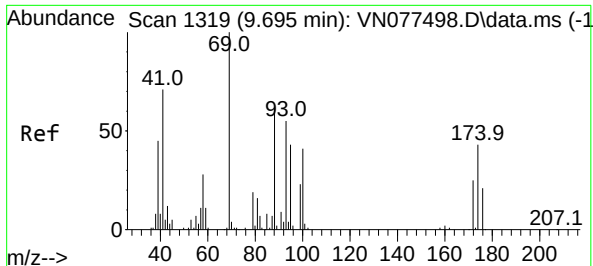
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#44
Isopropyl Acetate
Concen: 20.152 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

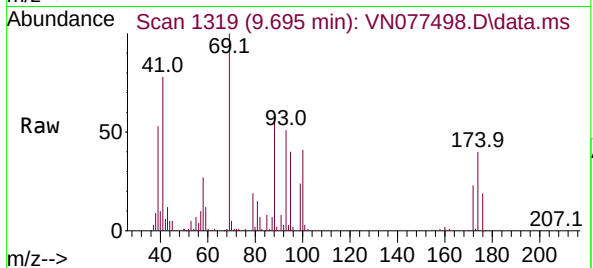
Tgt Ion: 43 Resp: 276521
Ion Ratio Lower Upper
43 100
61 31.7 27.2 40.8





#45
1,4-Dioxane
Concen: 394.871 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

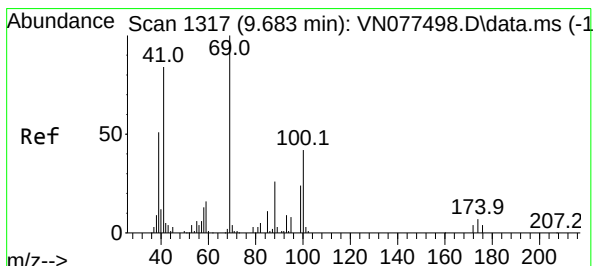
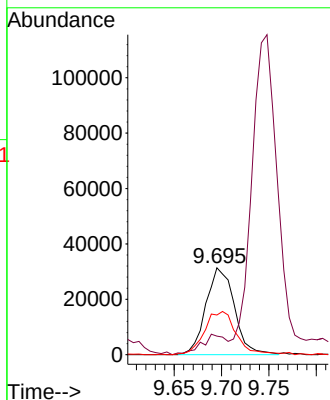
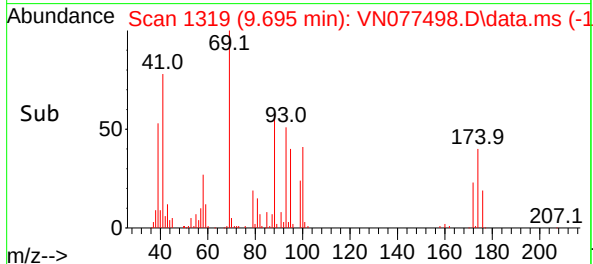
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



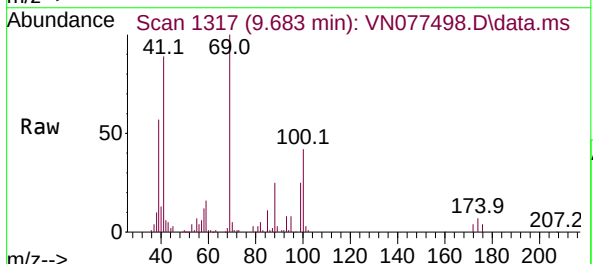
Tgt Ion: 88 Resp: 65654
Ion Ratio Lower Upper
88 100
43 20.2 16.6 24.8
58 55.5 47.3 70.9

Manual Integrations
APPROVED

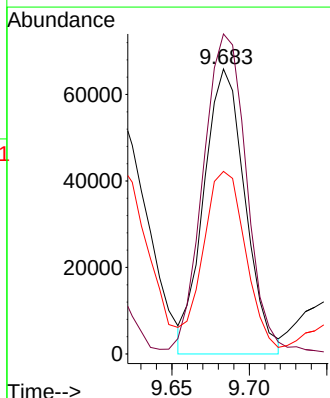
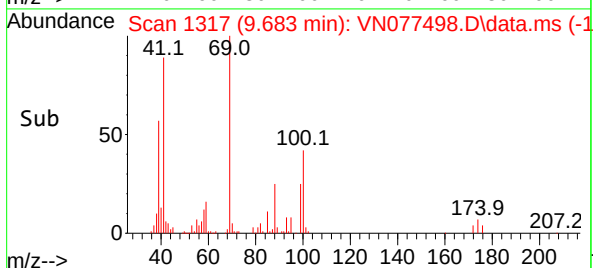
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

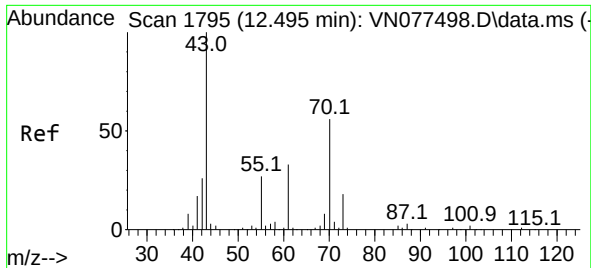


#46
Methyl methacrylate
Concen: 19.665 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



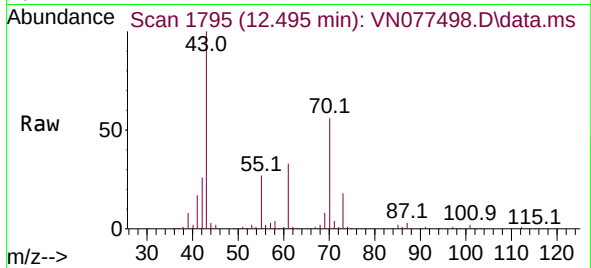
Tgt Ion: 41 Resp: 122194
Ion Ratio Lower Upper
41 100
69 114.1 59.2 177.6
39 65.2 33.4 100.1





#47
n-amy1 Acetate
Concen: 19.214 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

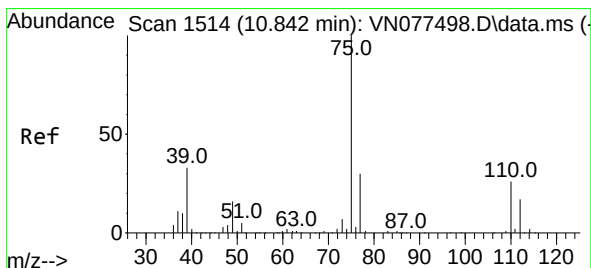
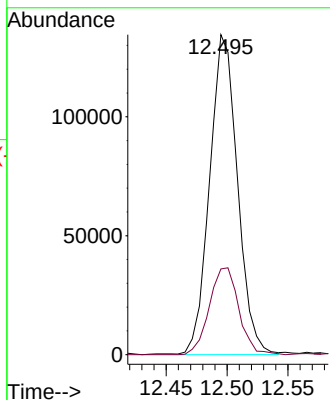
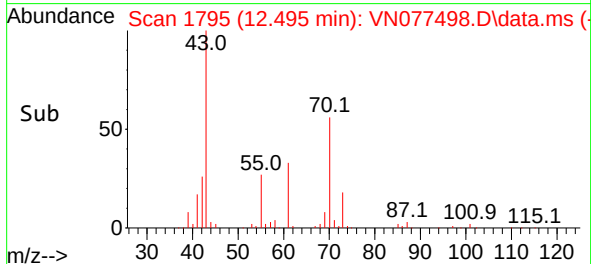
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 214300
Ion Ratio Lower Upper
43 100
55 28.5 22.2 33.2

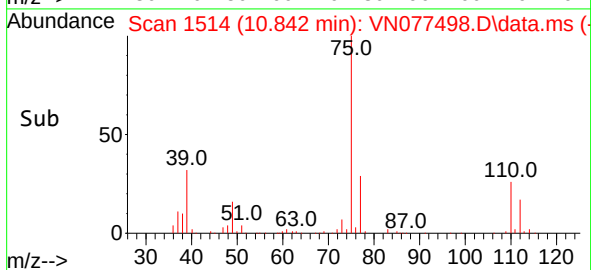
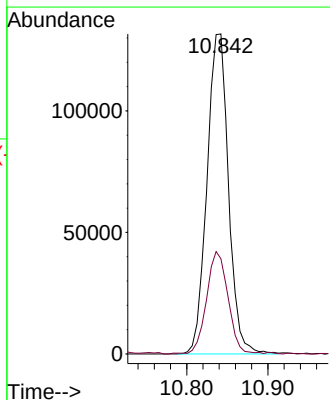
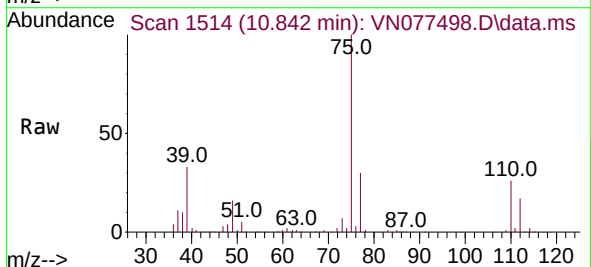
Manual Integrations
APPROVED

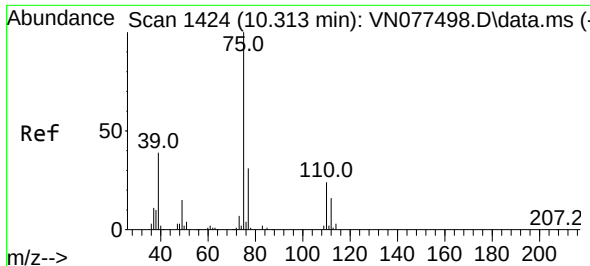
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#48
t-1,3-Dichloropropene
Concen: 19.520 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

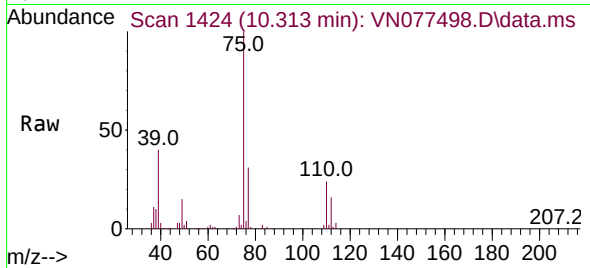
Tgt Ion: 75 Resp: 242530
Ion Ratio Lower Upper
75 100
77 29.7 23.9 35.9





#49
 cis-1,3-Dichloropropene
 Concen: 19.744 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077498.D
 Acq: 28 Apr 2023 11:57

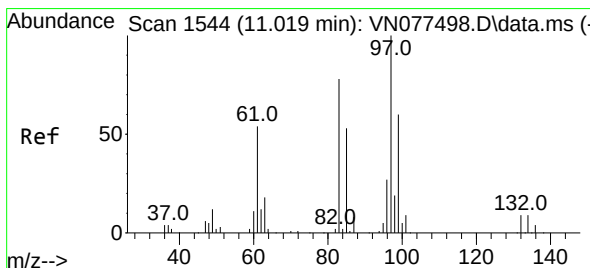
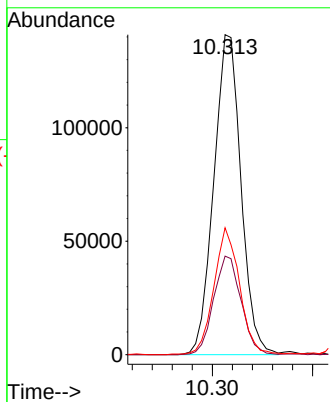
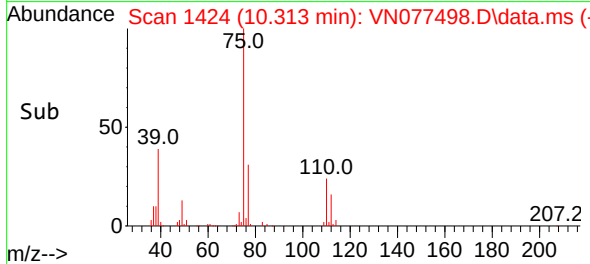
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 265260
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.8
 39 39.5 28.5 42.7

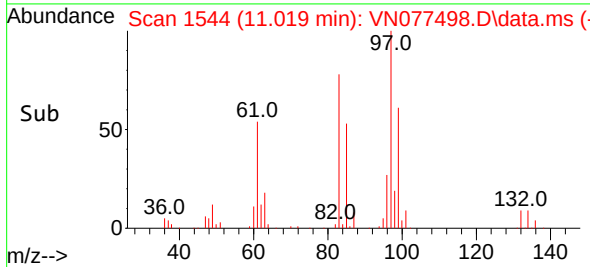
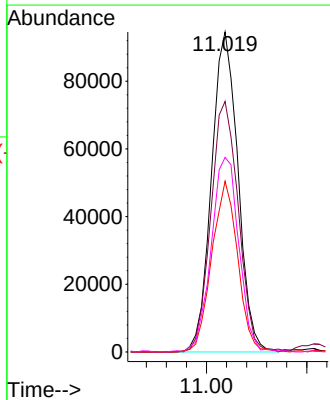
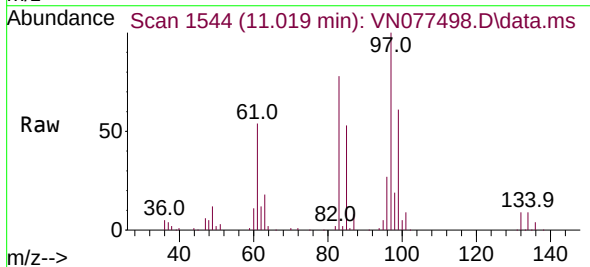
Manual Integrations
 APPROVED

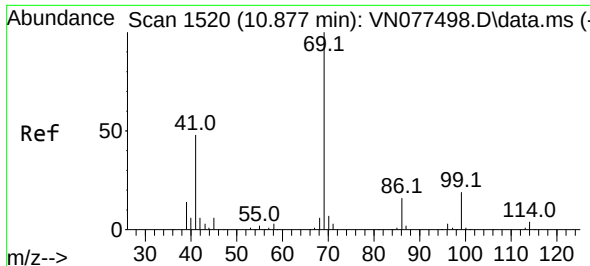
Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023



#50
 1,1,2-Trichloroethane
 Concen: 19.768 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. 0.000 min
 Lab File: VN077498.D
 Acq: 28 Apr 2023 11:57

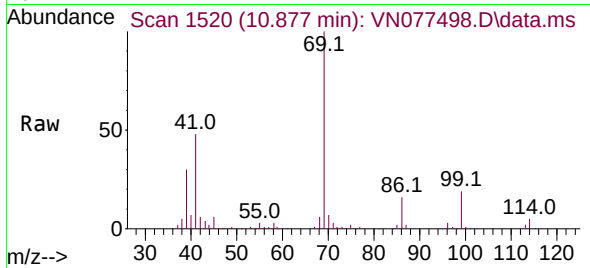
Tgt Ion: 97 Resp: 172834
 Ion Ratio Lower Upper
 97 100
 83 78.1 67.0 100.6
 85 53.4 41.6 62.4
 99 60.5 47.9 71.9





#51
Ethyl methacrylate
Concen: 19.564 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

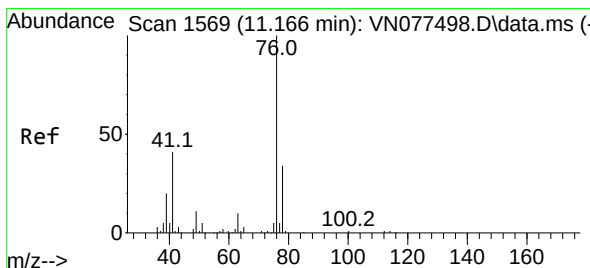
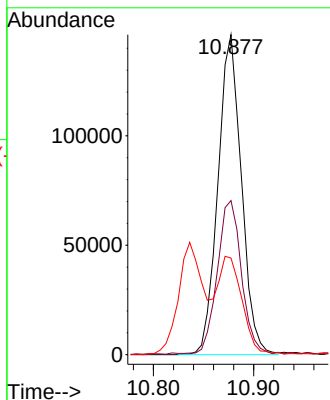
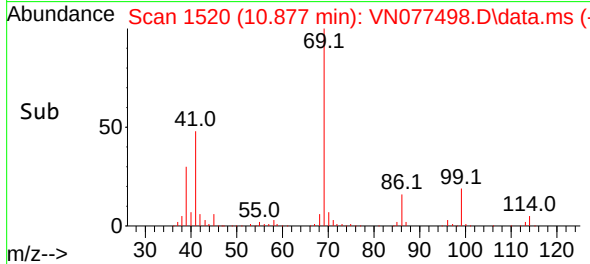
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 23728
Ion Ratio Lower Upper
69 100
41 47.7 22.5 67.5
39 29.4 16.2 48.5

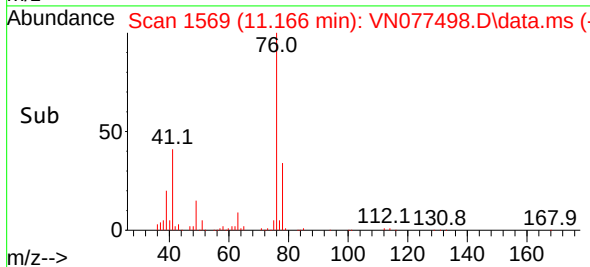
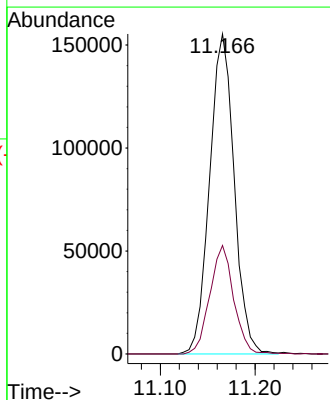
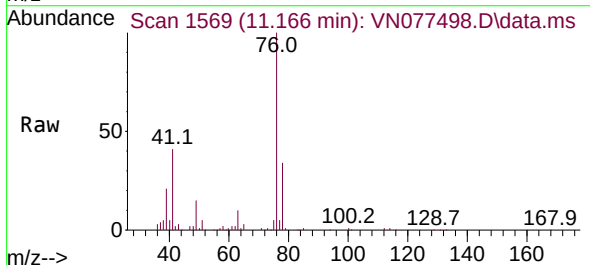
Manual Integrations
APPROVED

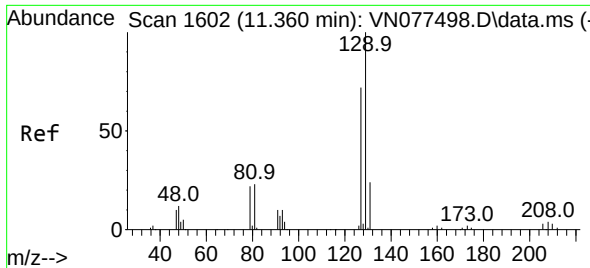
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#52
1,3-Dichloropropane
Concen: 19.763 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

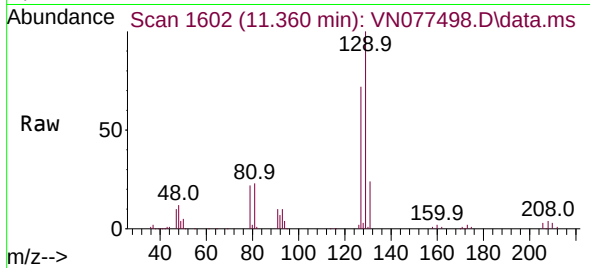
Tgt Ion: 76 Resp: 279657
Ion Ratio Lower Upper
76 100
78 32.7 0.0 64.4





#53
Dibromochloromethane
Concen: 19.858 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

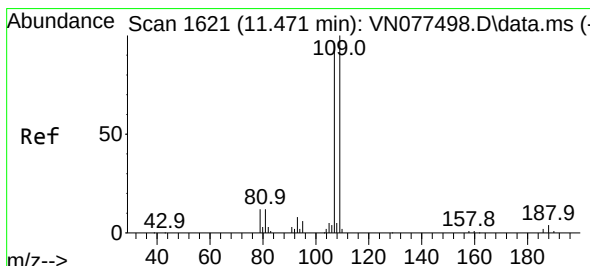
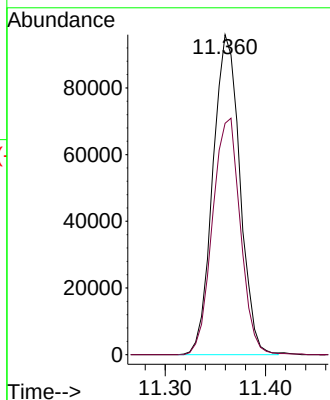
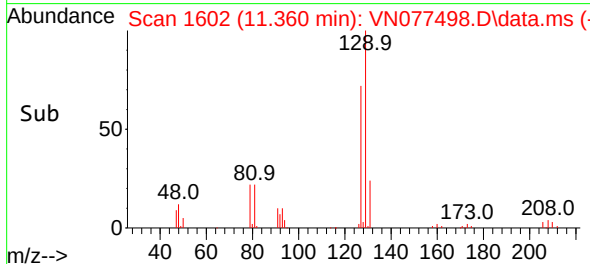
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



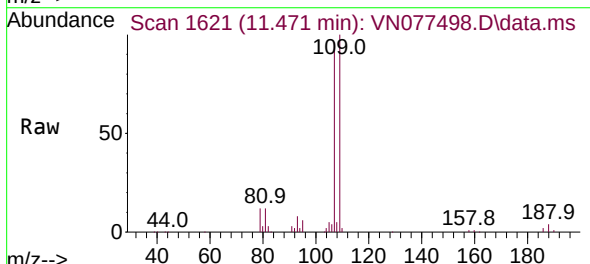
Tgt Ion:129 Resp: 179798
Ion Ratio Lower Upper
129 100
127 76.1 38.2 114.6

Manual Integrations
APPROVED

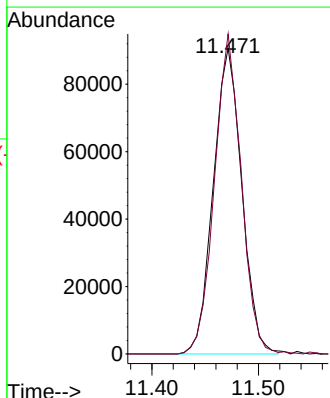
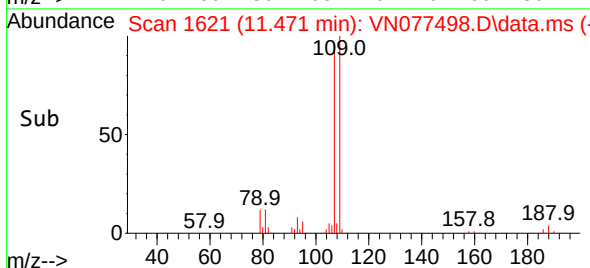
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

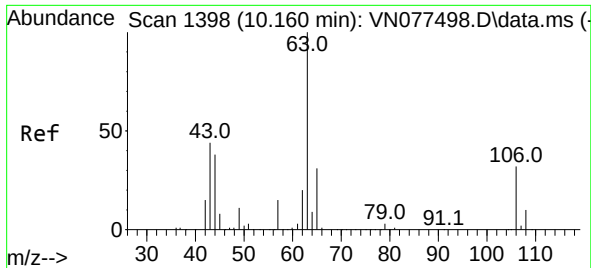


#54
1,2-Dibromoethane
Concen: 18.977 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



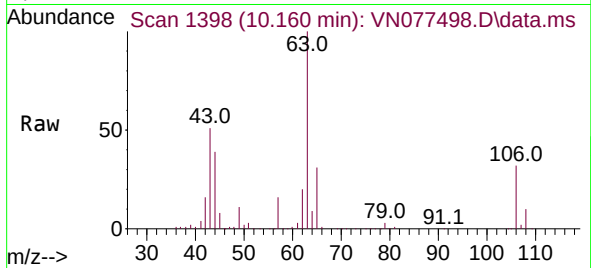
Tgt Ion:107 Resp: 168202
Ion Ratio Lower Upper
107 100
109 98.4 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 99.182 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

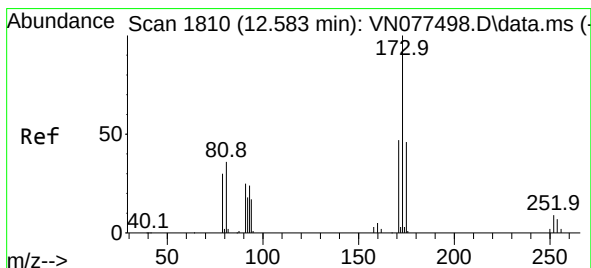
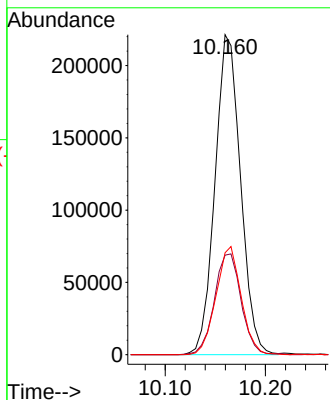
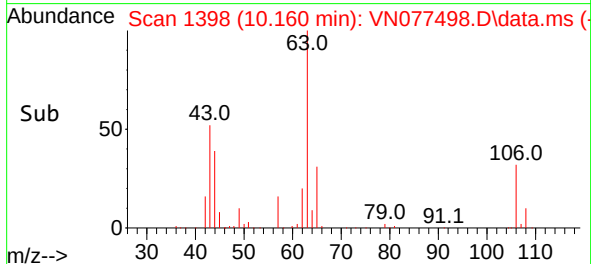
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 391244
Ion Ratio Lower Upper
63 100
65 33.0 25.8 38.6
106 33.3 26.2 39.2

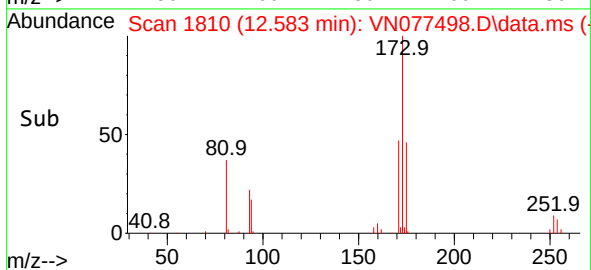
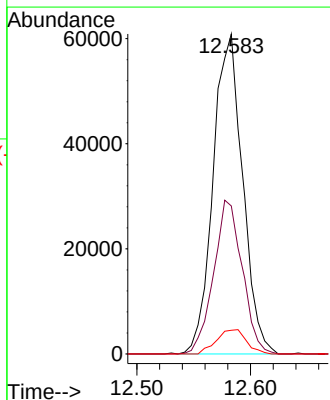
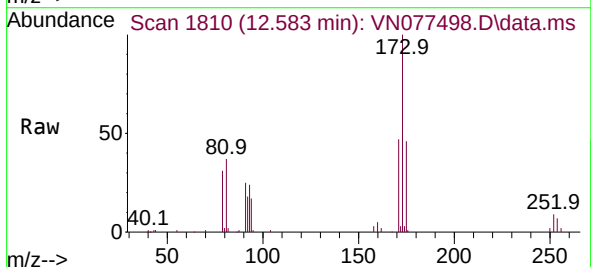
Manual Integrations
APPROVED

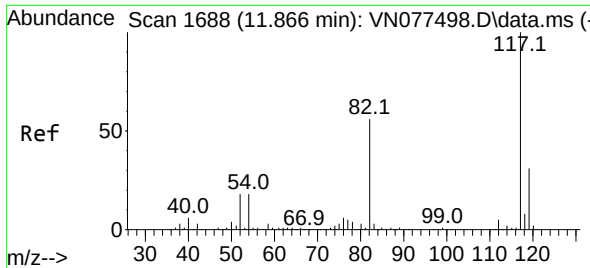
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#56
Bromoform
Concen: 19.424 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

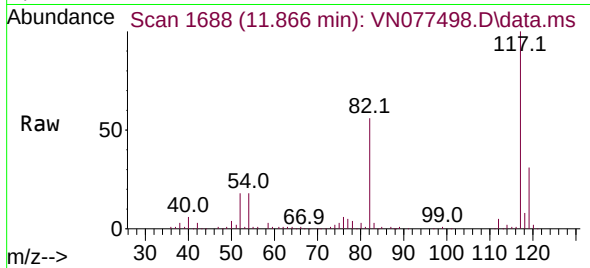
Tgt Ion:173 Resp: 109924
Ion Ratio Lower Upper
173 100
175 46.6 40.3 60.5
254 7.7 5.0 7.6#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

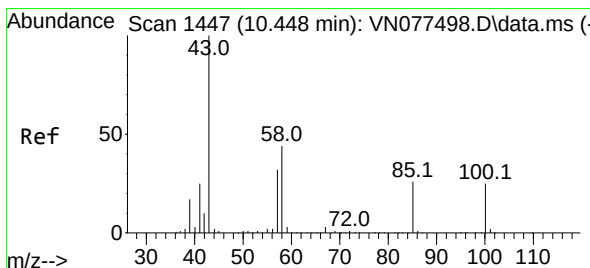
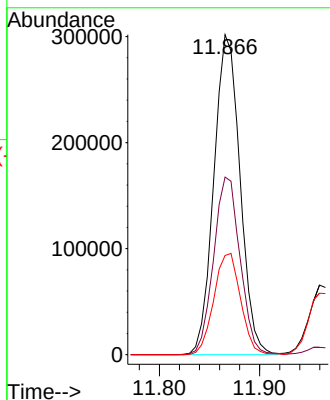
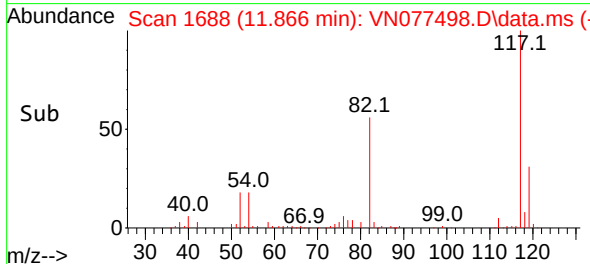
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



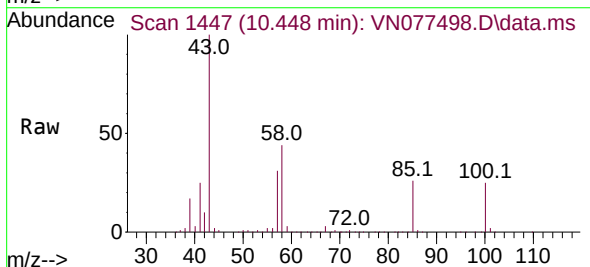
Tgt Ion: 117 Resp: 546228
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.2 25.4 38.2

Manual Integrations
APPROVED

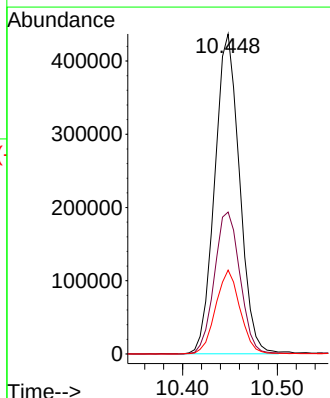
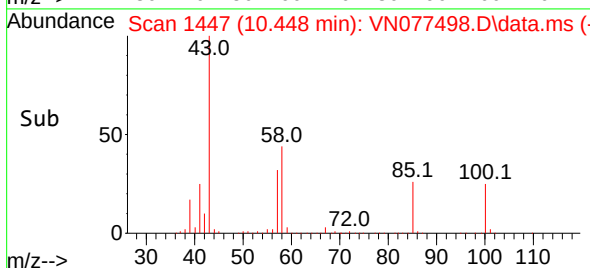
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

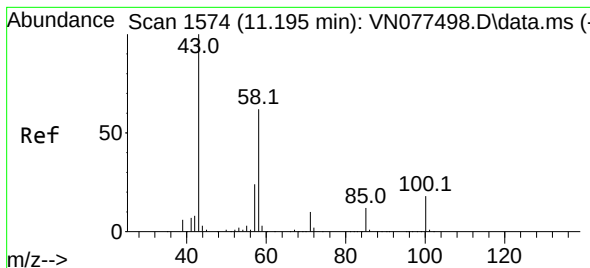


#58
4-Methyl-2-Pentanone
Concen: 97.415 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



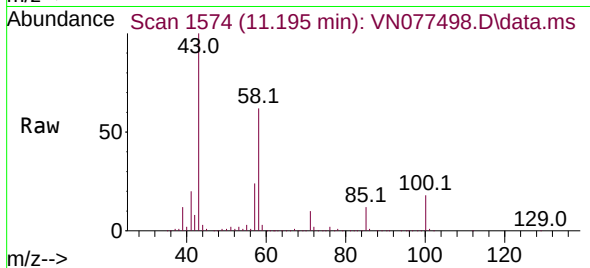
Tgt Ion: 43 Resp: 794795
Ion Ratio Lower Upper
43 100
58 46.0 37.2 55.8
85 25.9 21.1 31.7





#59
2-Hexanone
Concen: 98.475 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

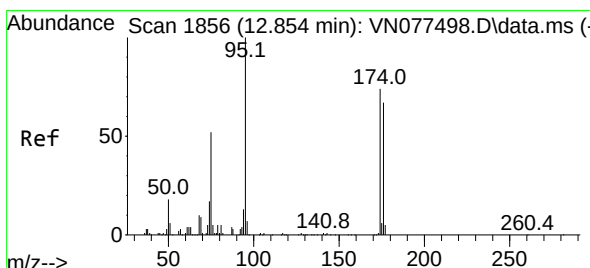
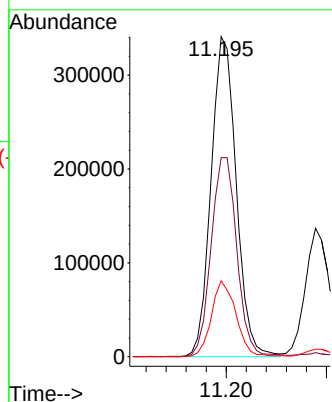
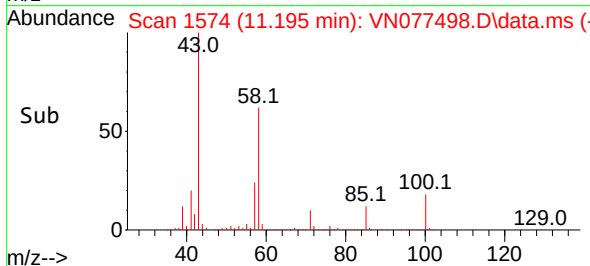
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



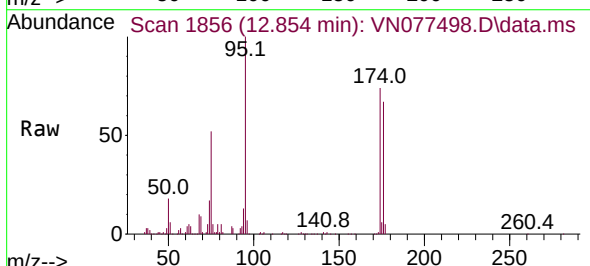
Tgt Ion: 43 Resp: 594572
Ion Ratio Lower Upper
43 100
58 63.4 51.8 77.8
57 23.2 18.2 27.4

Manual Integrations
APPROVED

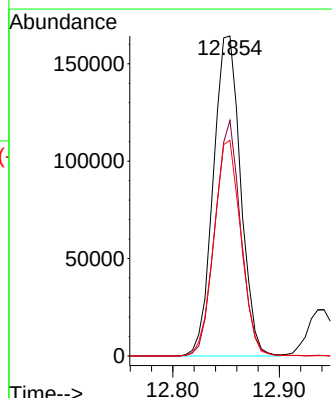
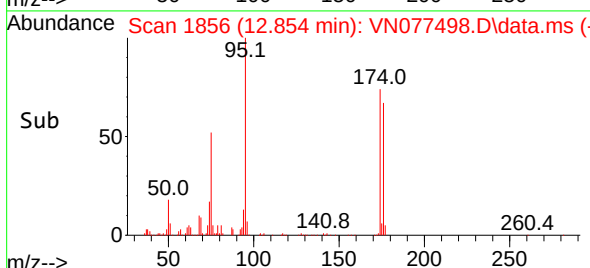
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

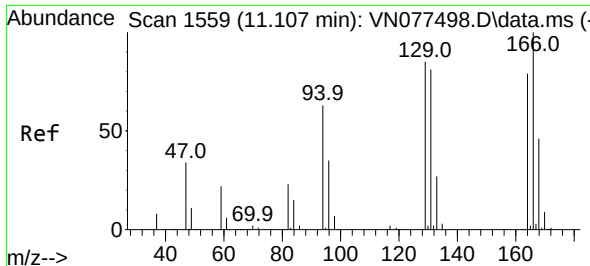


#60
4-Bromofluorobenzene
Concen: 30.351 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



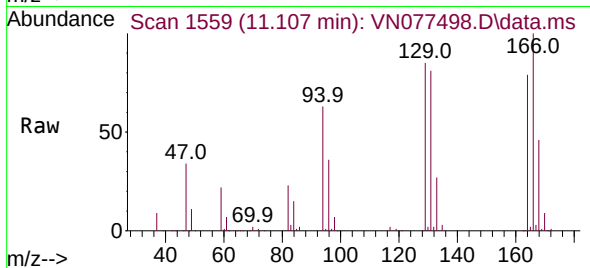
Tgt Ion: 95 Resp: 292728
Ion Ratio Lower Upper
95 100
174 68.8 55.9 83.9
176 66.8 53.9 80.9





#61
Tetrachloroethene
Concen: 19.489 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

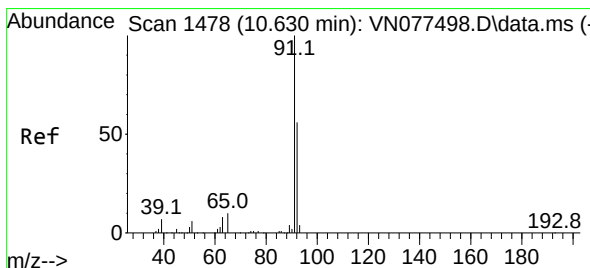
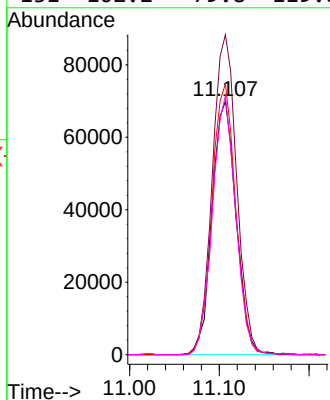
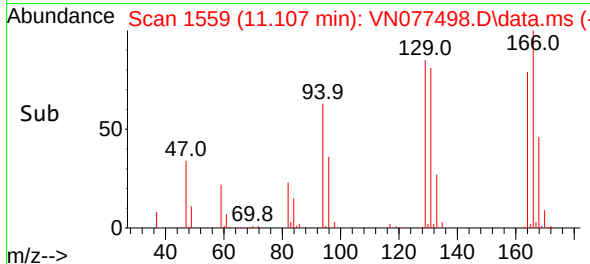
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



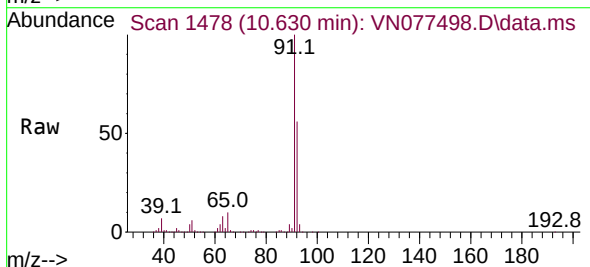
Tgt Ion:164 Resp: 13070
Ion Ratio Lower Upper
164 100
166 126.2 94.5 141.7
129 106.9 80.2 120.2
131 102.2 79.8 119.8

Manual Integrations
APPROVED

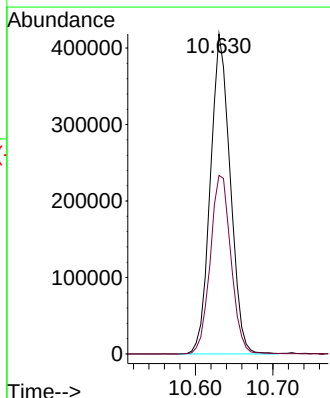
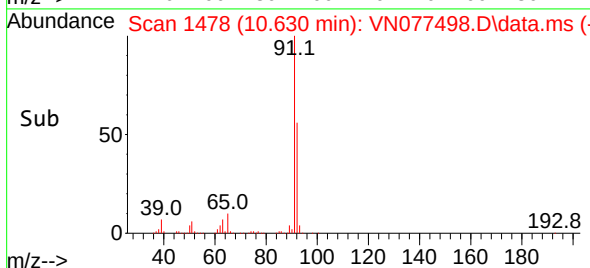
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

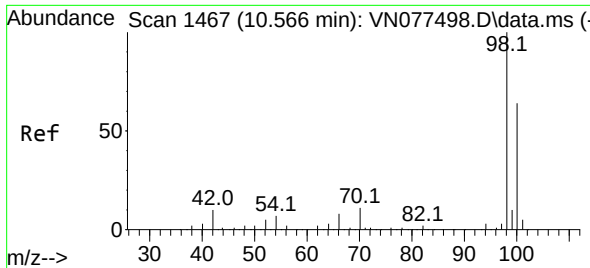


#62
Toluene
Concen: 19.347 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



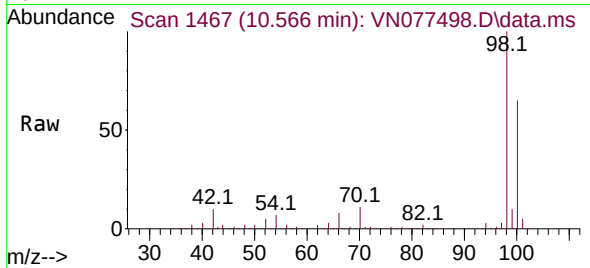
Tgt Ion: 91 Resp: 744136
Ion Ratio Lower Upper
91 100
92 58.2 46.1 69.1





#63
Toluene-d8
Concen: 29.732 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

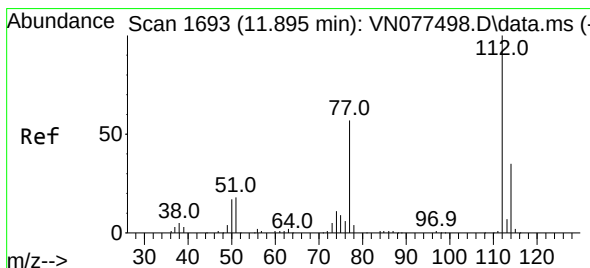
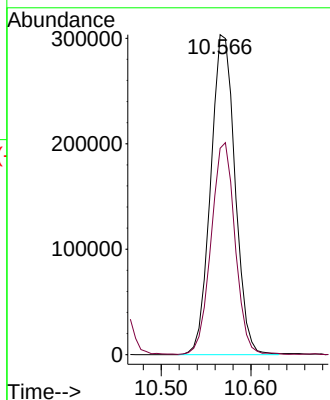
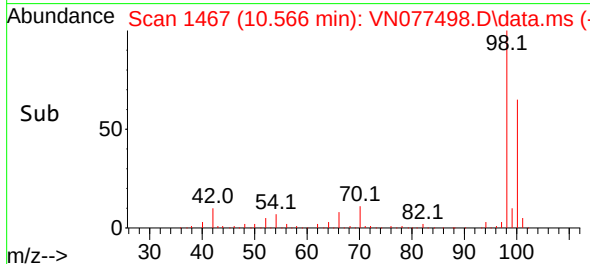
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



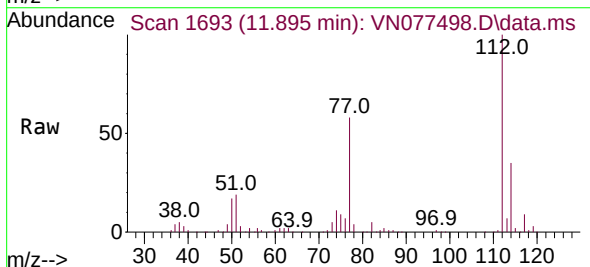
Tgt Ion: 98 Resp: 571384
Ion Ratio Lower Upper
98 100
100 65.0 51.0 76.4

Manual Integrations
APPROVED

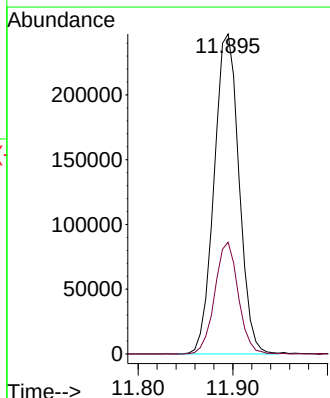
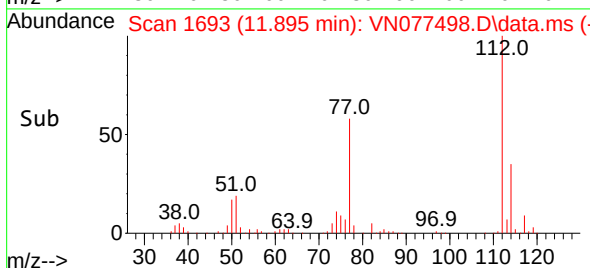
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

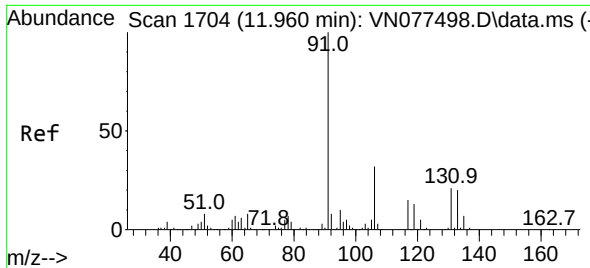


#64
Chlorobenzene
Concen: 19.343 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



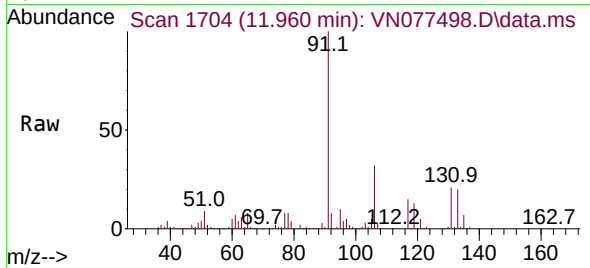
Tgt Ion:112 Resp: 451523
Ion Ratio Lower Upper
112 100
114 34.9 23.9 35.9





#65
1,1,1,2-Tetrachloroethane
Concen: 19.497 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

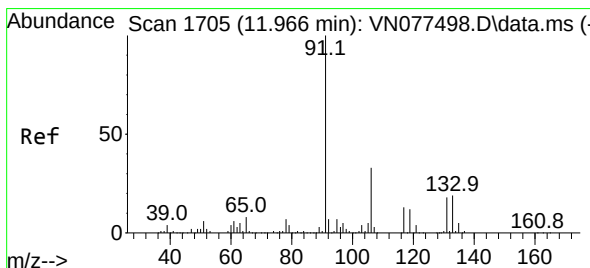
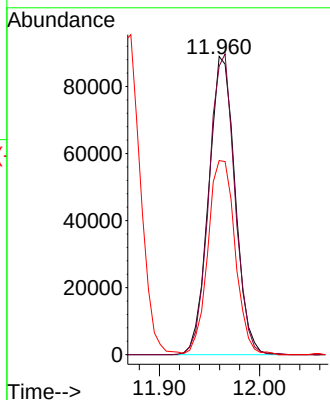
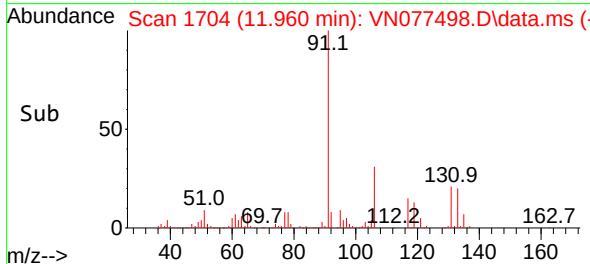
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 16320
Ion Ratio Lower Upper
131 100
133 98.5 0.0 191.4
119 65.7 0.0 137.2

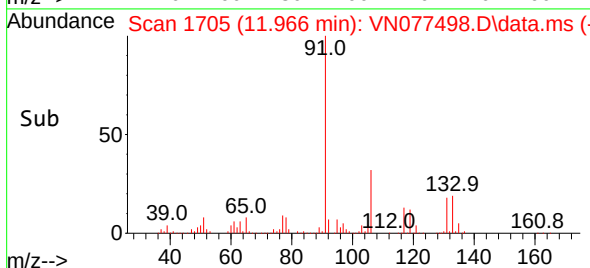
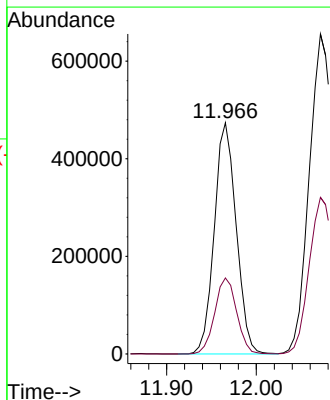
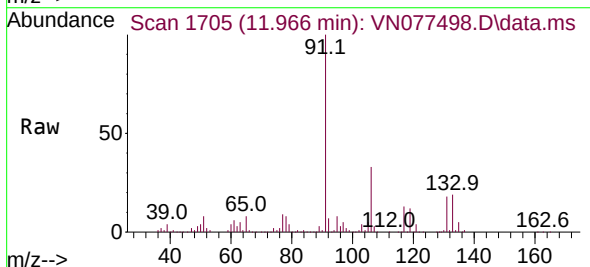
Manual Integrations
APPROVED

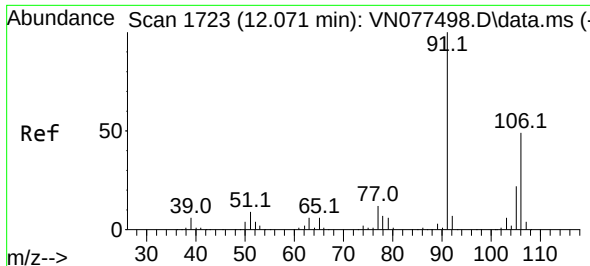
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#66
Ethyl Benzene
Concen: 19.118 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Tgt Ion: 91 Resp: 802995
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3





#67

m/p-Xylenes

Concen: 38.791 ug/l

RT: 12.071 min Scan# 1723

Delta R.T. 0.000 min

Lab File: VN077498.D

Acq: 28 Apr 2023 11:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:106 Resp: 636100

Ion Ratio Lower Upper

106 100

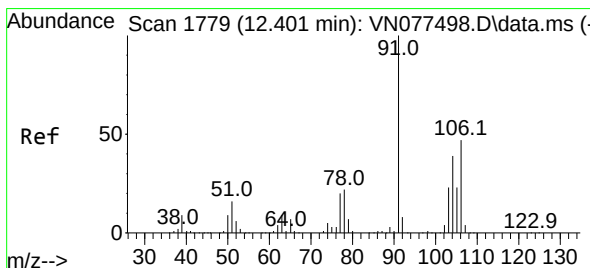
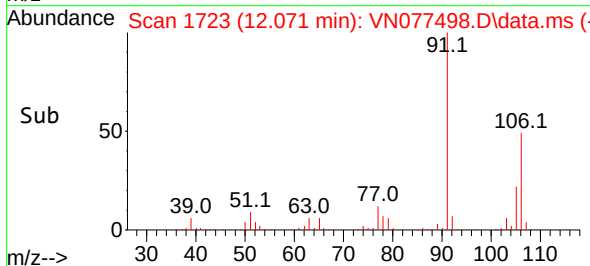
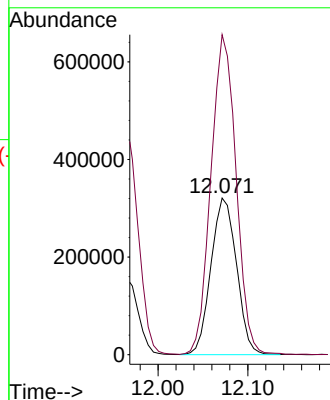
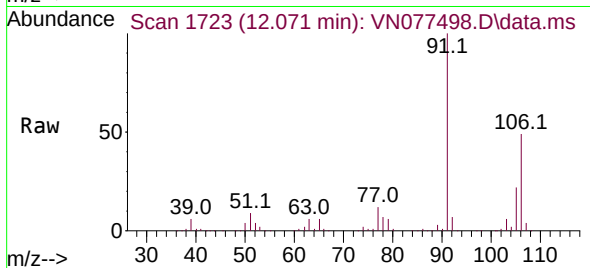
91 200.2 157.9 236.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Semsettin Yesilyurt 04/29/2023



#68

o-Xylene

Concen: 19.389 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN077498.D

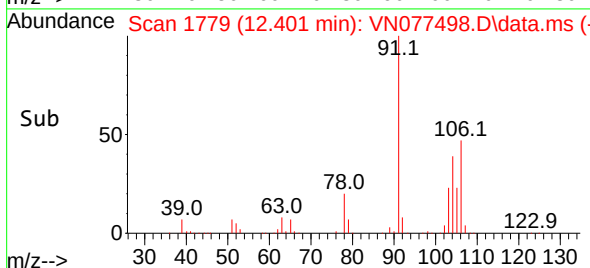
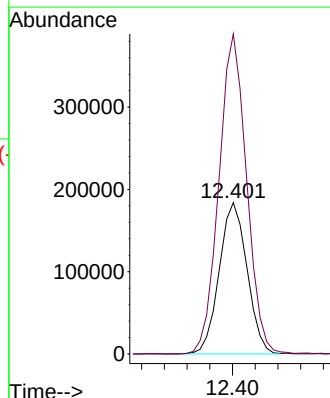
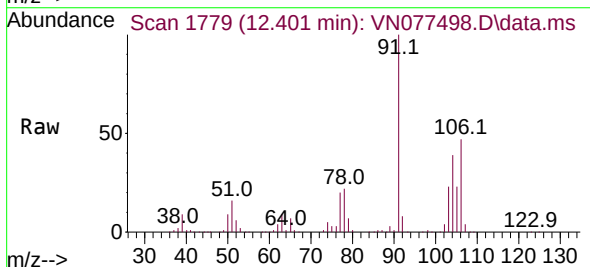
Acq: 28 Apr 2023 11:57

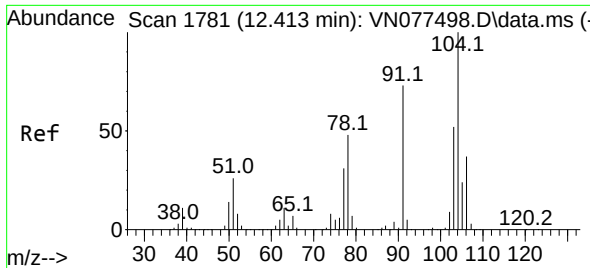
Tgt Ion:106 Resp: 313166

Ion Ratio Lower Upper

106 100

91 209.9 104.6 313.8





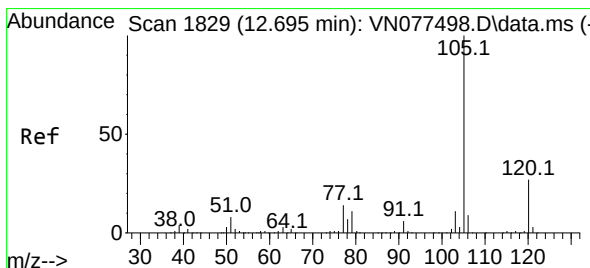
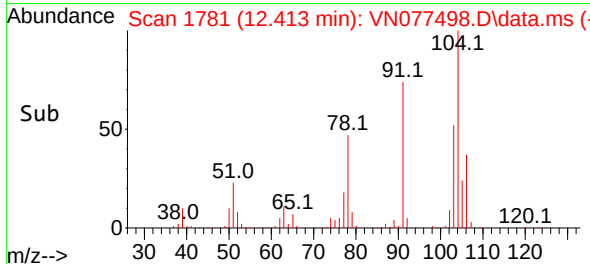
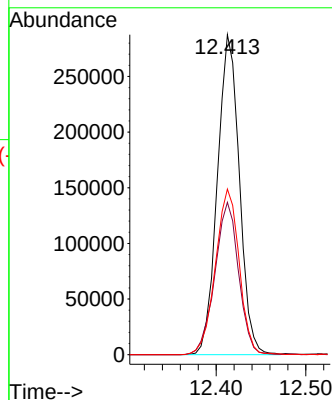
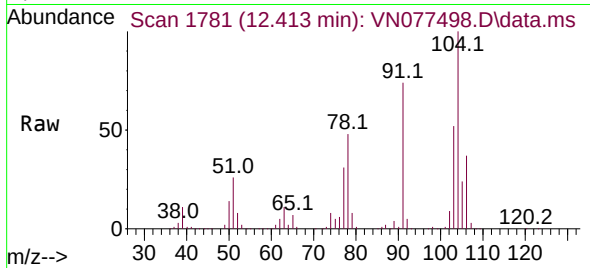
#69
Styrene
Concen: 19.248 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 48948
Ion Ratio Lower Upper
104 100
78 51.3 39.3 58.9
103 55.8 44.6 66.8

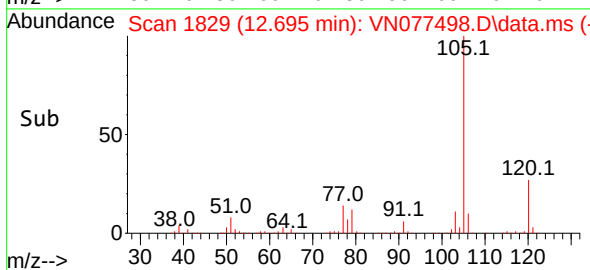
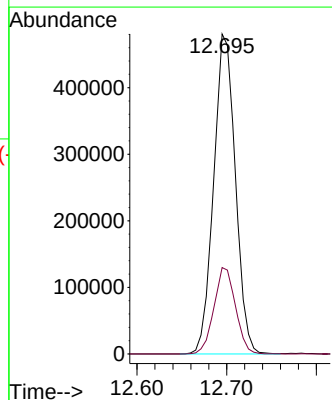
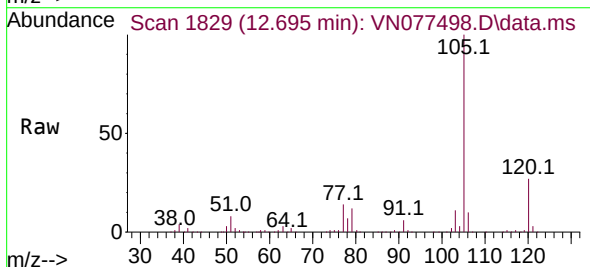
Manual Integrations
APPROVED

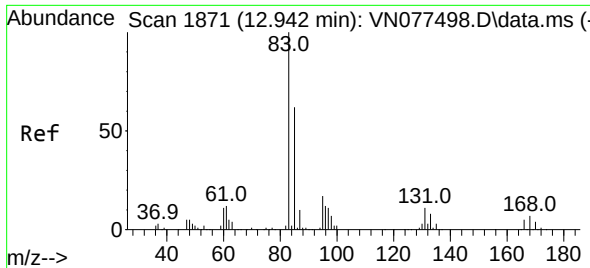
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#70
Isopropylbenzene
Concen: 19.435 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Tgt Ion:105 Resp: 806987
Ion Ratio Lower Upper
105 100
120 26.8 18.7 34.7





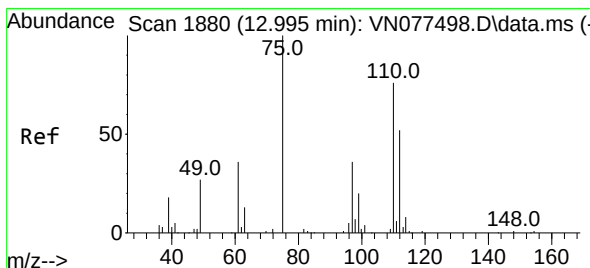
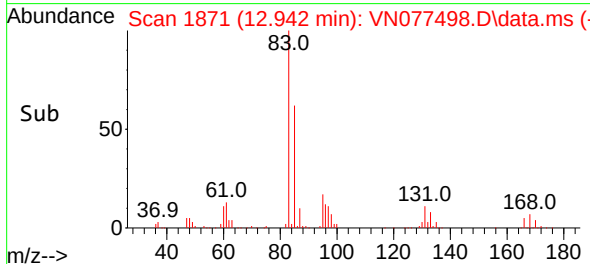
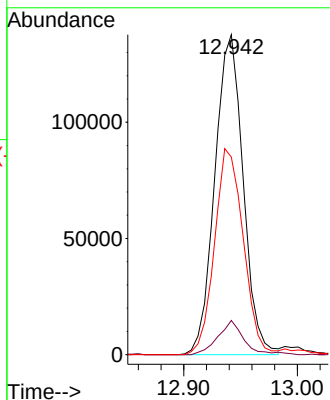
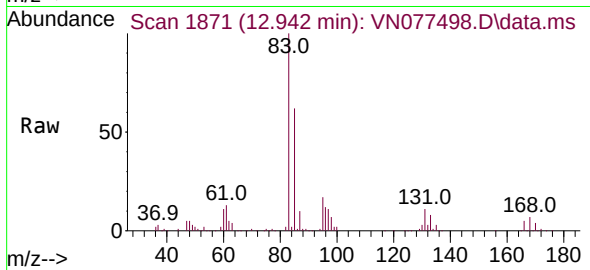
#71
1,1,2,2-Tetrachloroethane
Concen: 19.031 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 23888
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 65.0 31.6 94.8

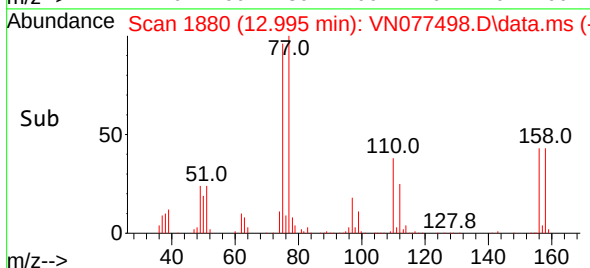
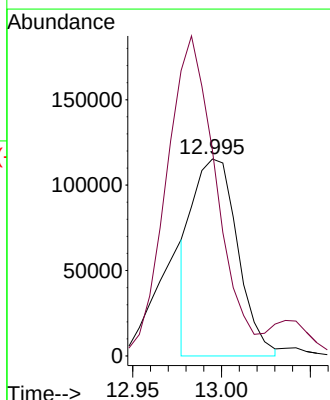
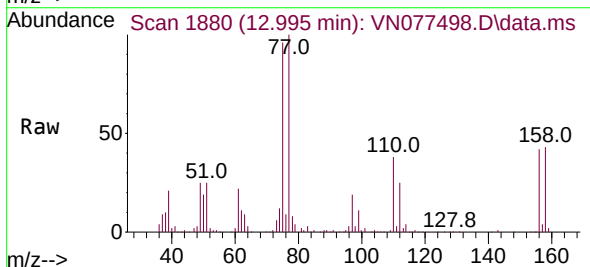
Manual Integrations
APPROVED

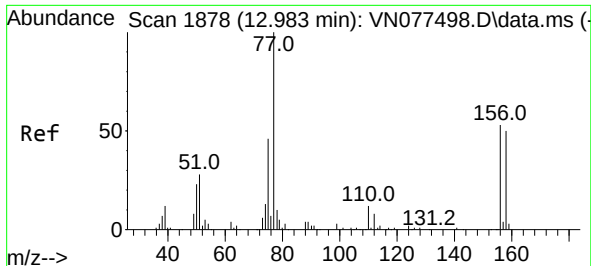
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#72
1,2,3-Trichloropropane
Concen: 19.360 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Tgt Ion: 75 Resp: 204547
Ion Ratio Lower Upper
75 100
77 178.8 0.0 367.2





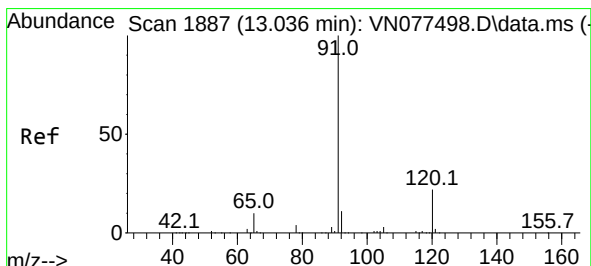
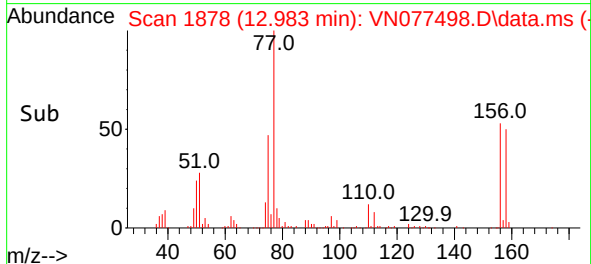
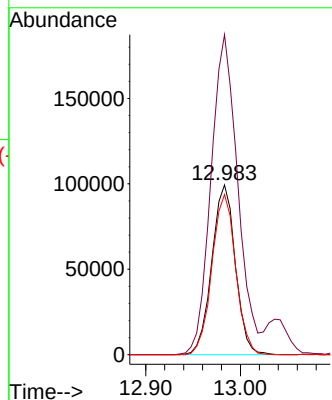
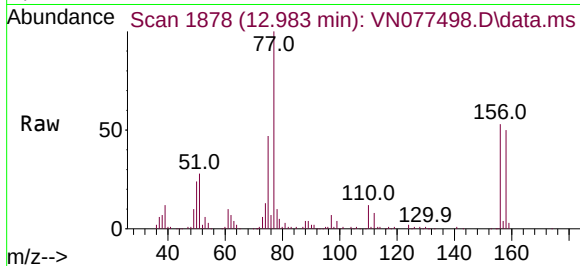
#73
Bromobenzene
Concen: 19.501 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 171392
Ion Ratio Lower Upper
156 100
77 213.4 0.0 431.6
158 95.0 0.0 192.4

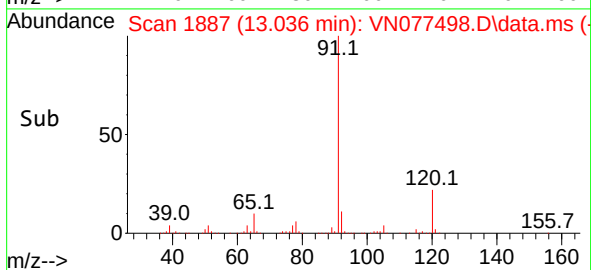
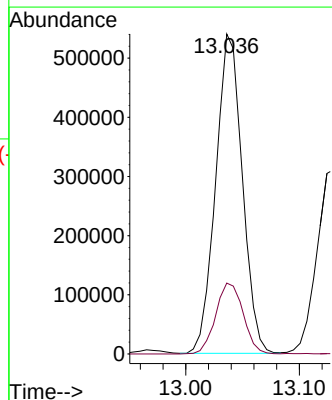
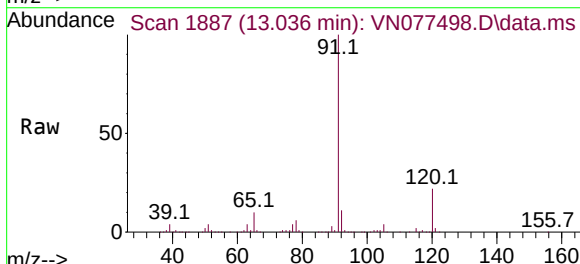
Manual Integrations
APPROVED

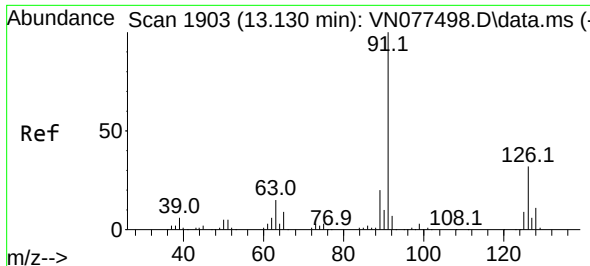
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#74
n-propylbenzene
Concen: 19.077 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Tgt Ion: 91 Resp: 880647
Ion Ratio Lower Upper
91 100
120 22.9 0.0 46.4





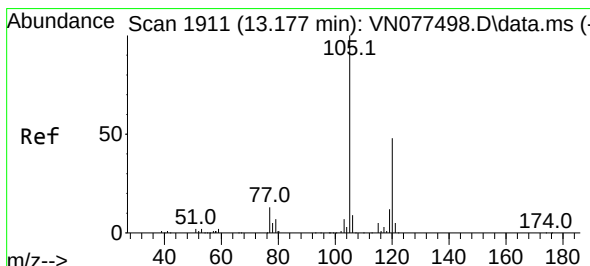
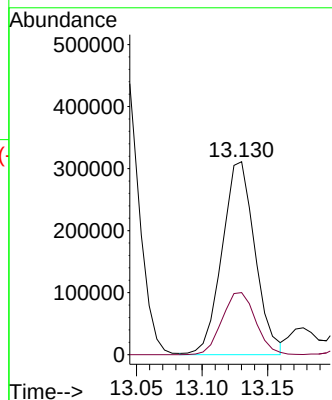
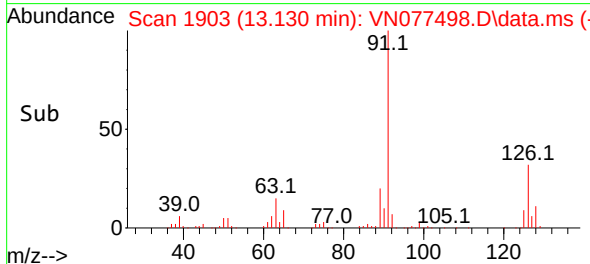
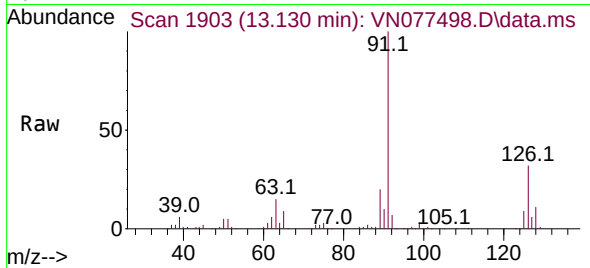
#75
2-Chlorotoluene
Concen: 19.149 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 54404
Ion Ratio Lower Upper
91 100
126 32.8 0.0 65.2

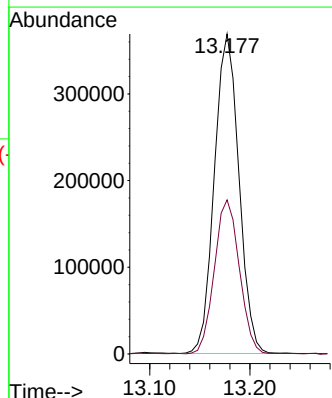
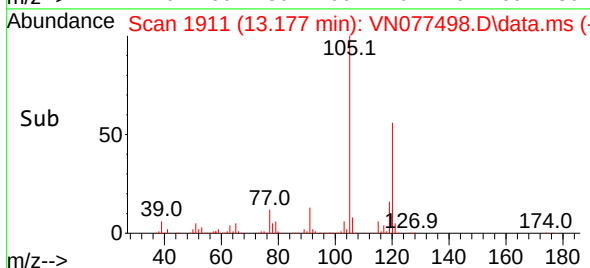
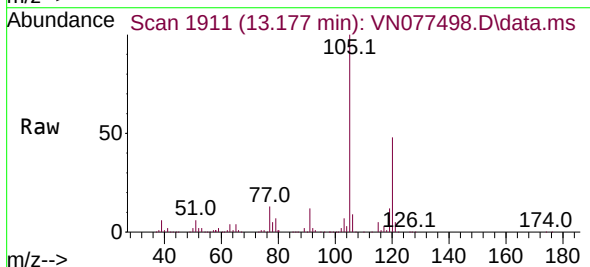
Manual Integrations
APPROVED

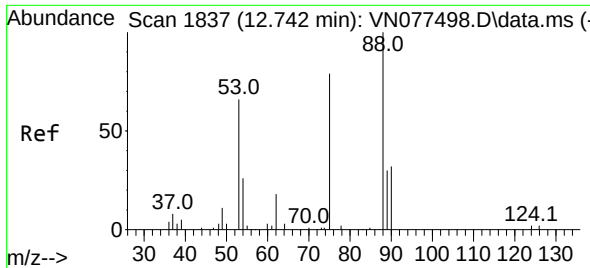
Reviewed By :John Carbone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.609 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

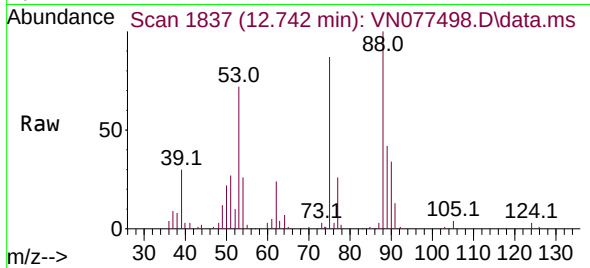
Tgt Ion:105 Resp: 625788
Ion Ratio Lower Upper
105 100
120 49.2 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.754 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

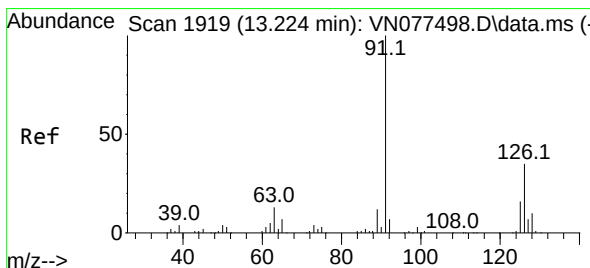
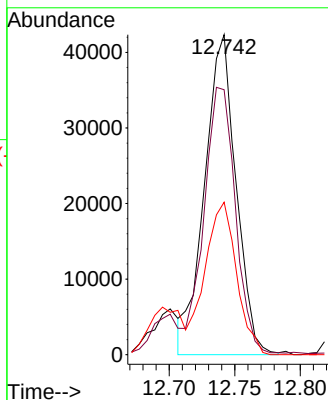
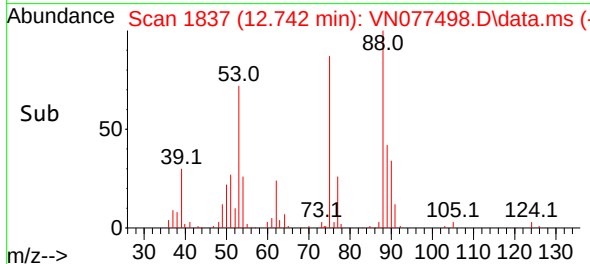
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



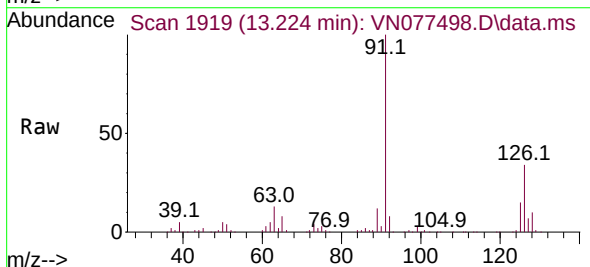
Tgt Ion: 75 Resp: 70735
Ion Ratio Lower Upper
75 100
53 82.7 38.2 114.6
89 48.0 22.1 66.1

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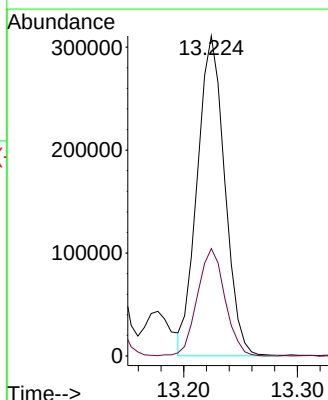
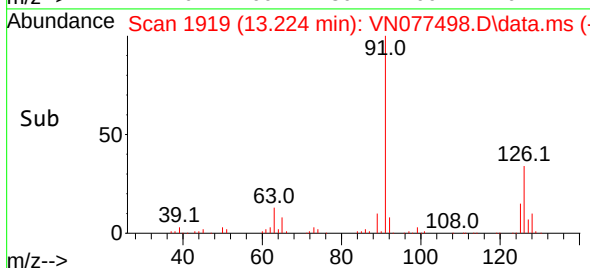
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

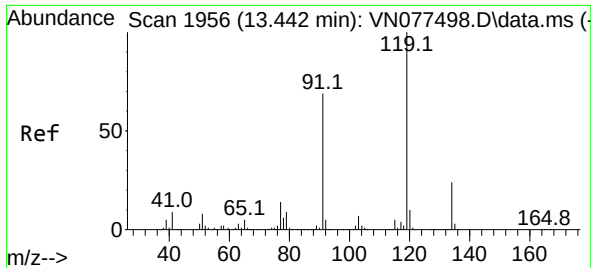


#78
4-Chlorotoluene
Concen: 19.556 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



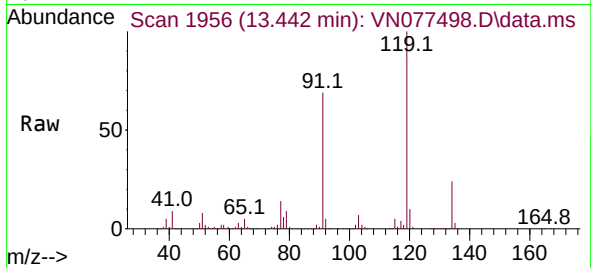
Tgt Ion: 91 Resp: 522544
Ion Ratio Lower Upper
91 100
126 33.6 0.0 65.6





#79
tert-butylbenzene
Concen: 19.899 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

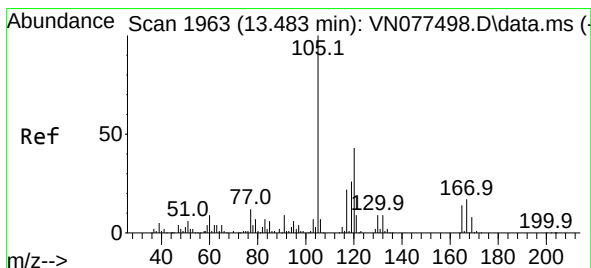
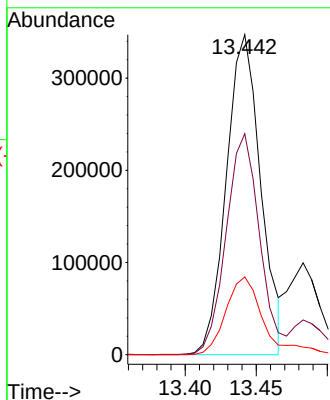
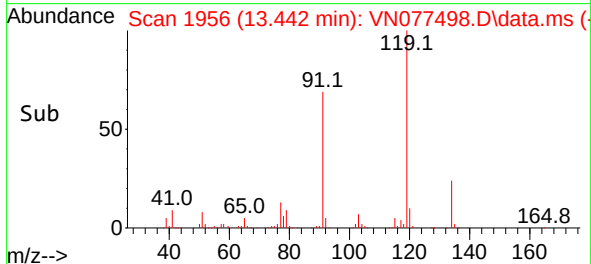
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



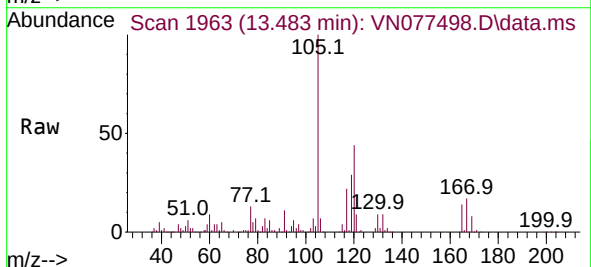
Tgt Ion:119 Resp: 584529
Ion Ratio Lower Upper
119 100
91 67.6 0.0 139.4
134 24.7 0.0 49.2

Manual Integrations
APPROVED

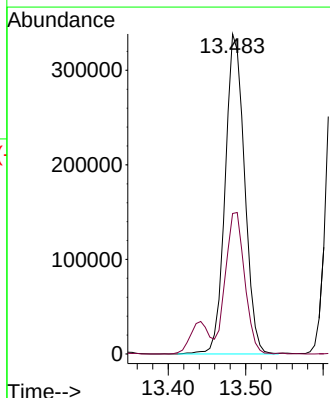
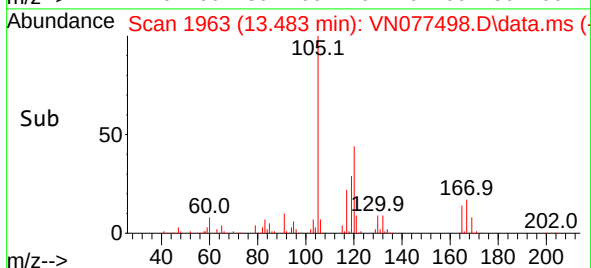
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

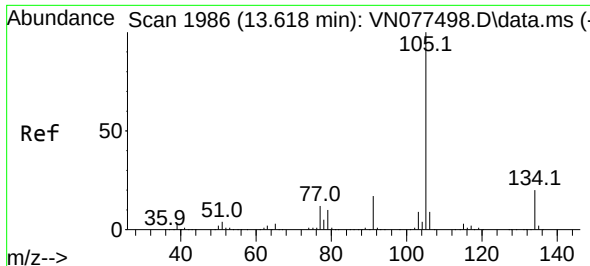


#80
1,2,4-Trimethylbenzene
Concen: 19.874 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



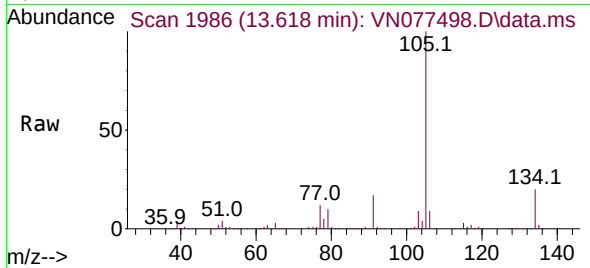
Tgt Ion:105 Resp: 588834
Ion Ratio Lower Upper
105 100
120 43.5 0.0 87.8





#81
 sec-Butylbenzene
 Concen: 19.492 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077498.D
 Acq: 28 Apr 2023 11:57

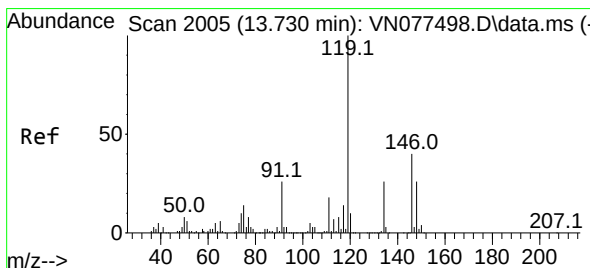
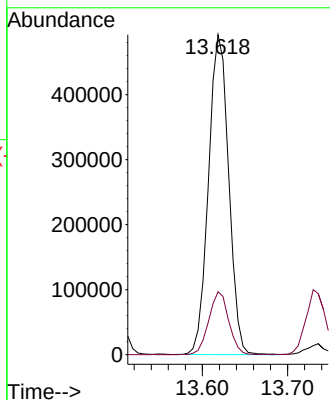
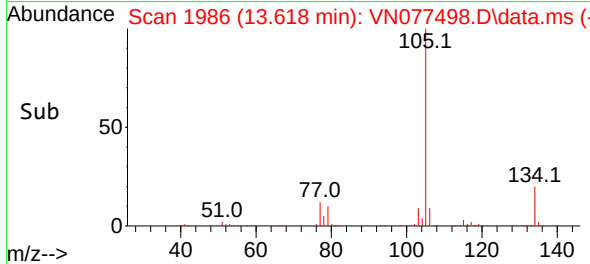
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



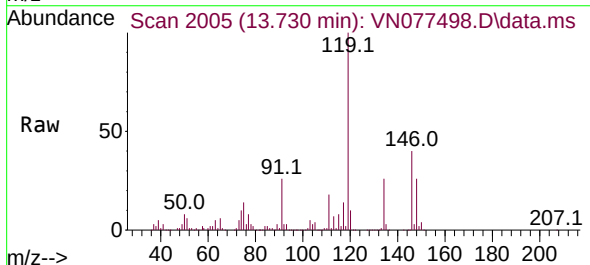
Tgt Ion:105 Resp: 809688
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.4

Manual Integrations
 APPROVED

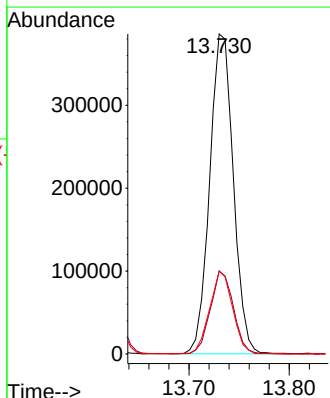
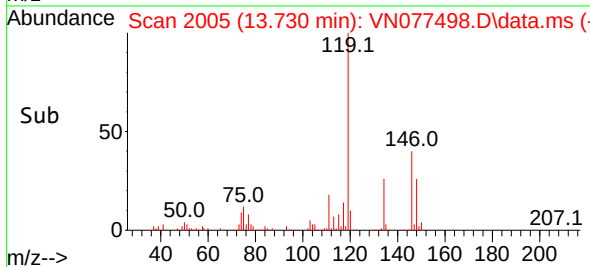
Reviewed By :John Carlone 04/29/2023
 Supervised By :Semsettin Yesilyurt 04/29/2023

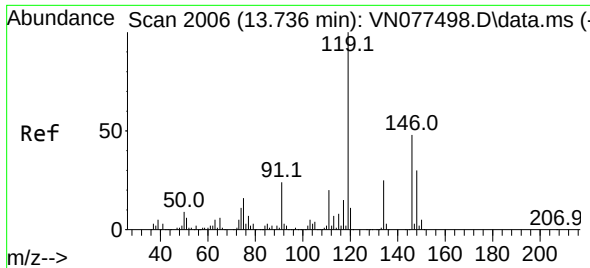


#82
 p-Isopropyltoluene
 Concen: 19.380 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077498.D
 Acq: 28 Apr 2023 11:57



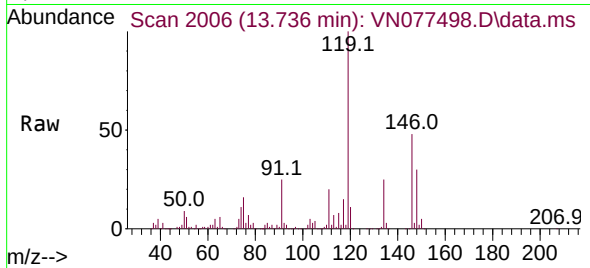
Tgt Ion:119 Resp: 630584
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.4
 91 25.1 0.0 50.6





#83
1,3-Dichlorobenzene
Concen: 19.132 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

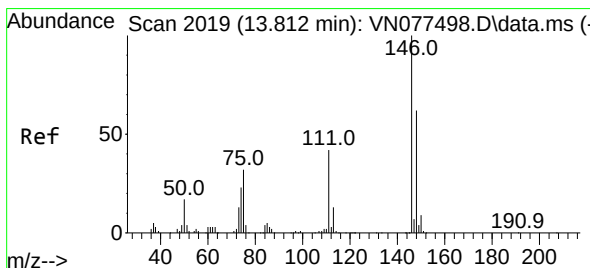
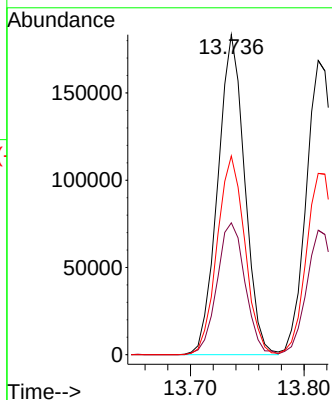
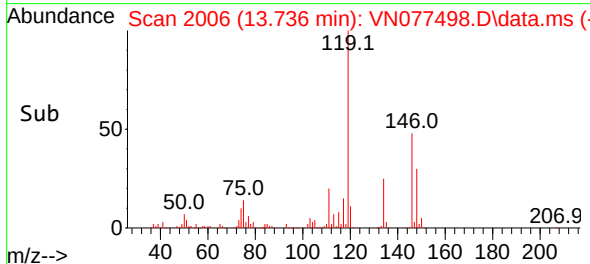
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 302084
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.5
148 63.9 31.8 95.4

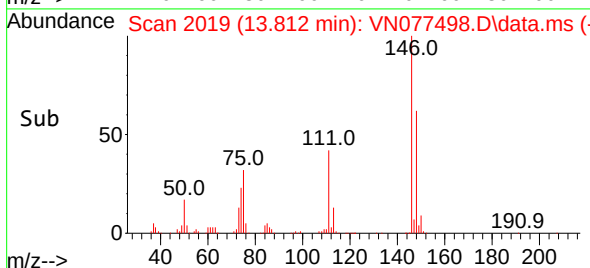
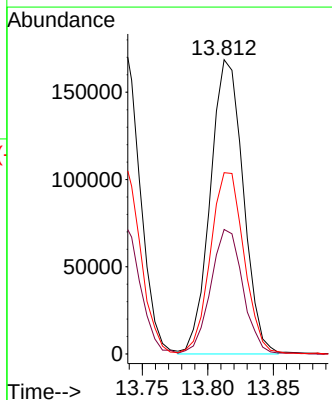
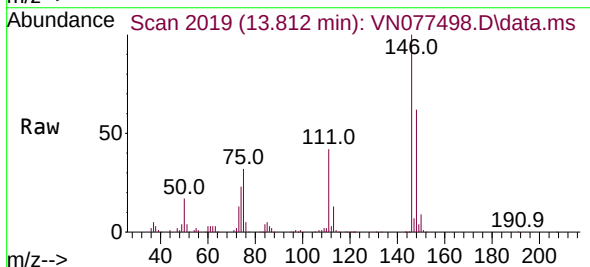
Manual Integrations
APPROVED

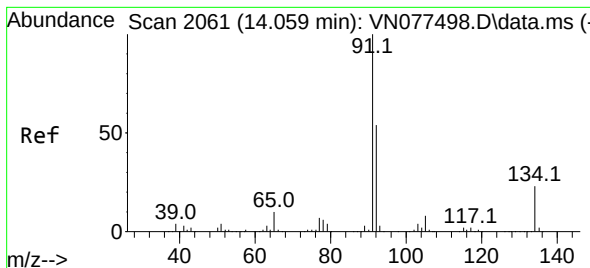
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#84
1,4-Dichlorobenzene
Concen: 18.869 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Tgt Ion:146 Resp: 294570
Ion Ratio Lower Upper
146 100
111 40.6 20.9 62.7
148 63.1 31.6 94.7





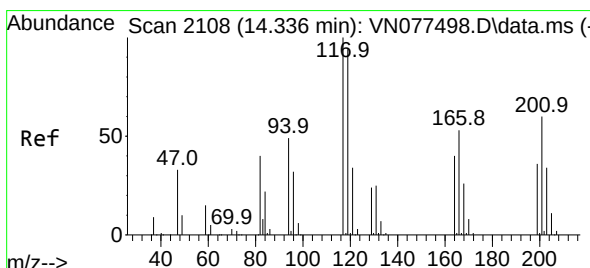
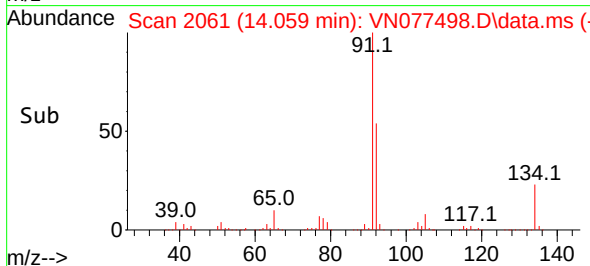
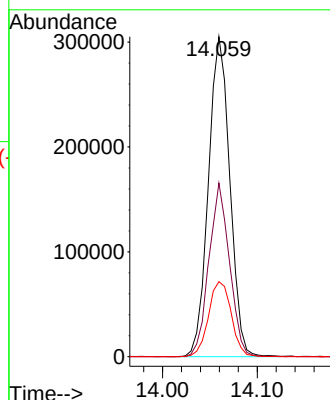
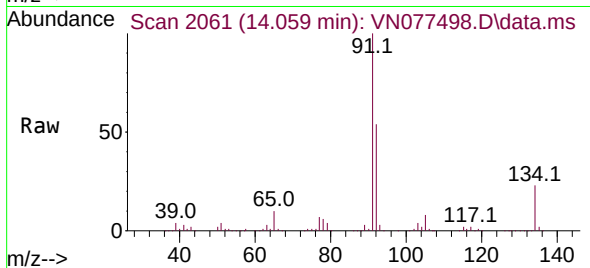
#85
n-Butylbenzene
Concen: 18.717 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 48137
Ion Ratio Lower Upper
91 100
92 52.0 0.0 108.4
134 24.9 0.0 50.0

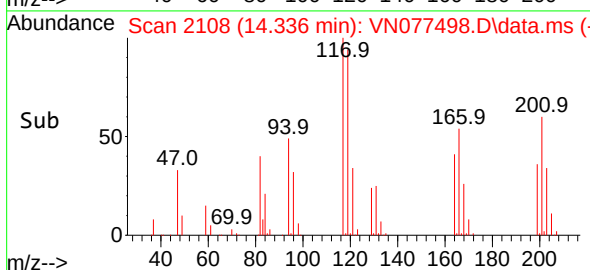
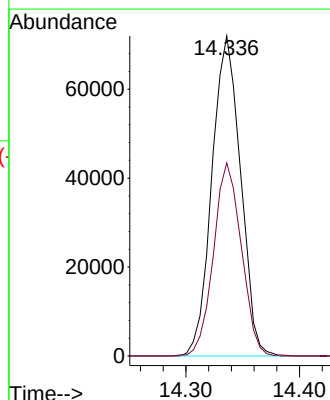
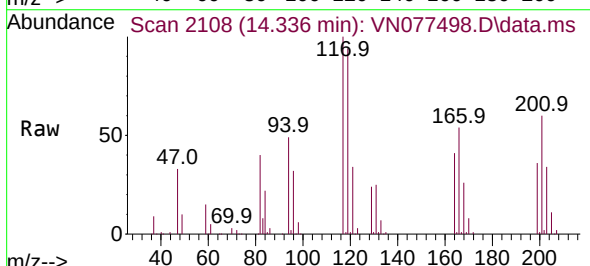
Manual Integrations
APPROVED

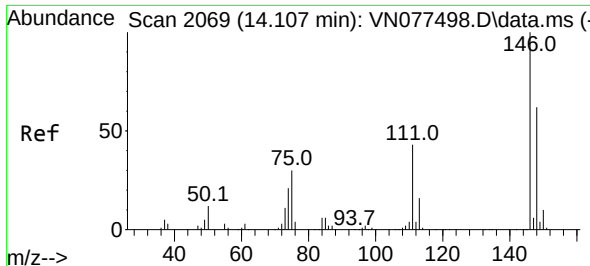
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#86
Hexachloroethane
Concen: 19.267 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

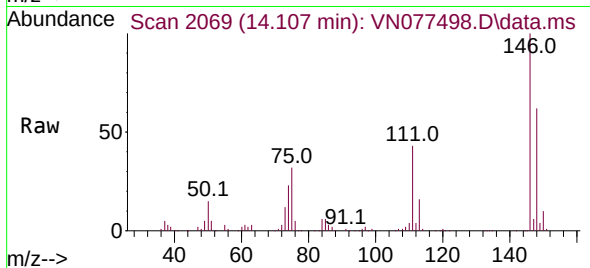
Tgt Ion:117 Resp: 126071
Ion Ratio Lower Upper
117 100
201 58.6 27.4 82.2





#87
1,2-Dichlorobenzene
Concen: 19.422 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

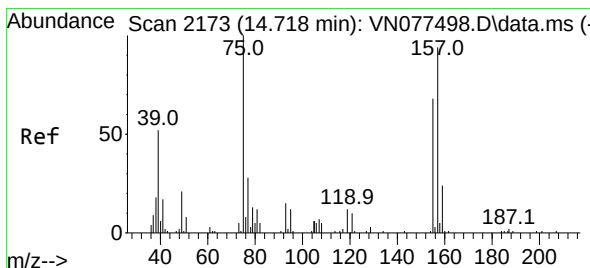
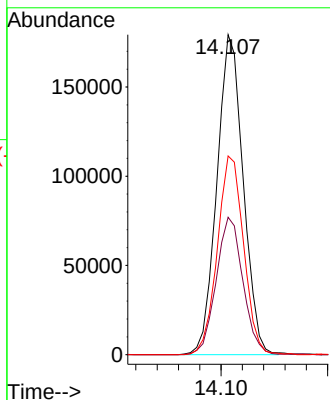
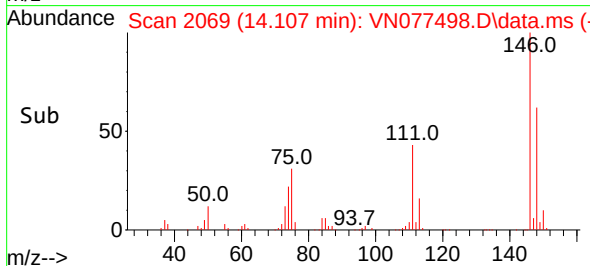
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



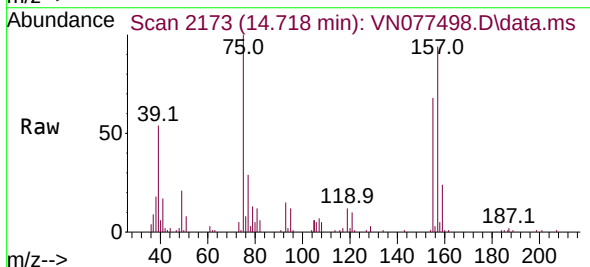
Tgt Ion:146 Resp: 306920
Ion Ratio Lower Upper
146 100
111 43.7 22.3 66.9
148 62.2 32.4 97.2

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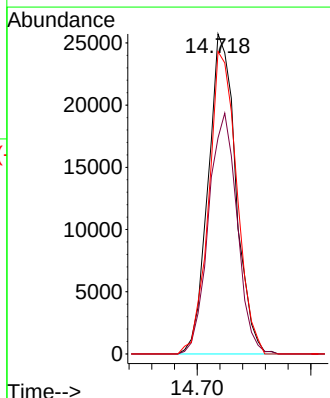
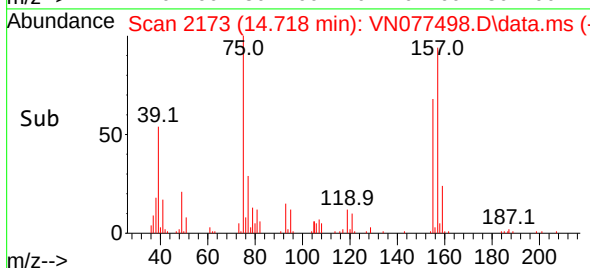
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023

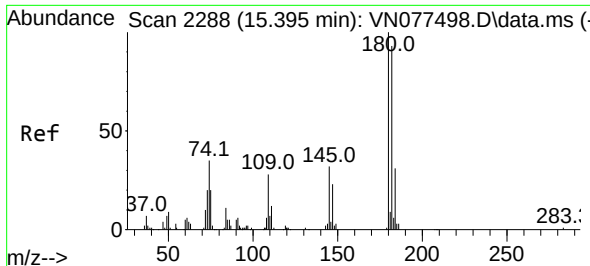


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.484 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57



Tgt Ion: 75 Resp: 43517
Ion Ratio Lower Upper
75 100
155 77.5 63.0 94.4
157 95.8 79.5 119.3





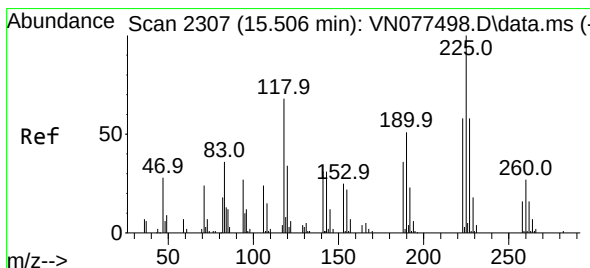
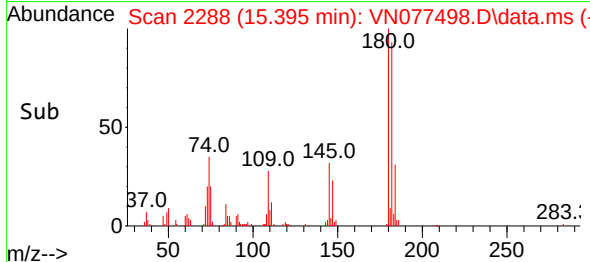
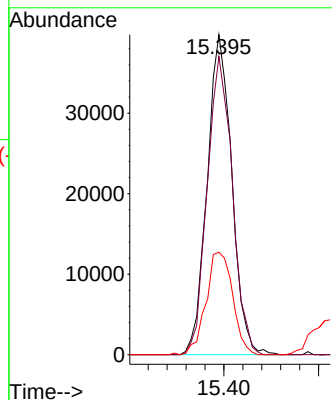
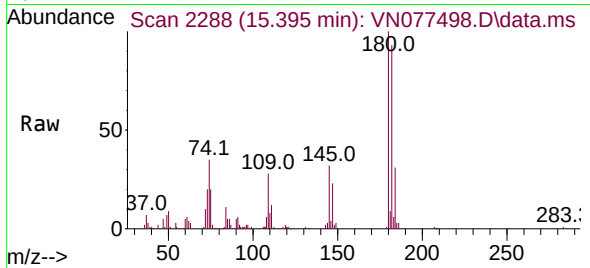
#89
1,2,4-Trichlorobenzene
Concen: 15.585 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:180 Resp: 71959
Ion Ratio Lower Upper
180 100
182 94.6 78.7 118.1
145 34.4 28.8 43.2

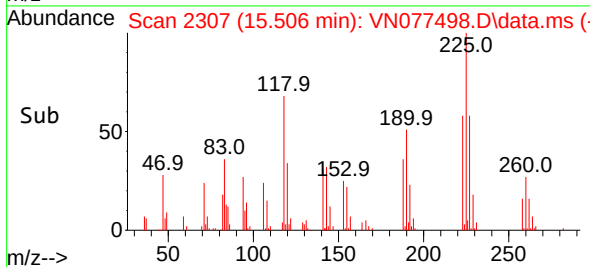
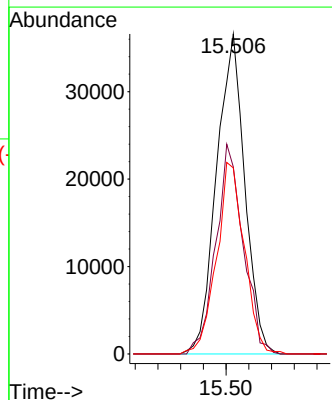
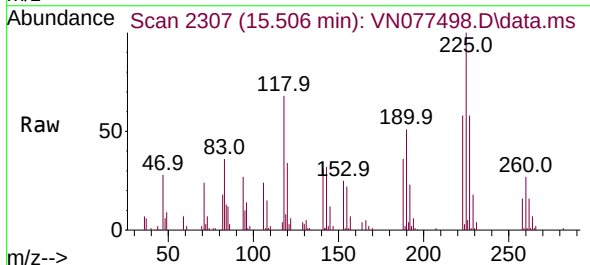
Manual Integrations
APPROVED

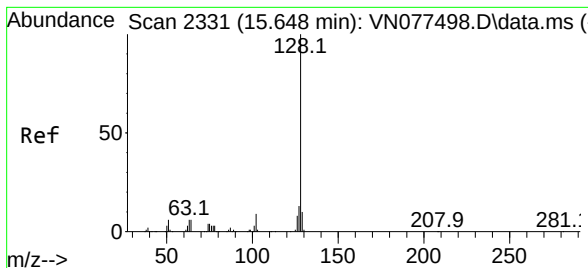
Reviewed By :John Carlone 04/29/2023
Supervised By :Semsettin Yesilyurt 04/29/2023



#90
Hexachlorobutadiene
Concen: 18.803 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

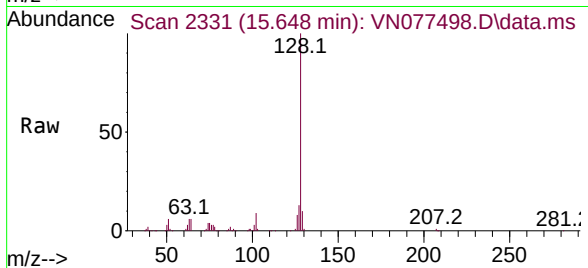
Tgt Ion:225 Resp: 63192
Ion Ratio Lower Upper
225 100
223 63.5 0.0 124.2
227 58.8 0.0 119.2





#91
Naphthalene
Concen: 14.677 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

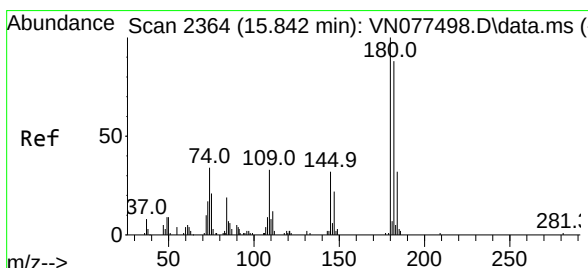
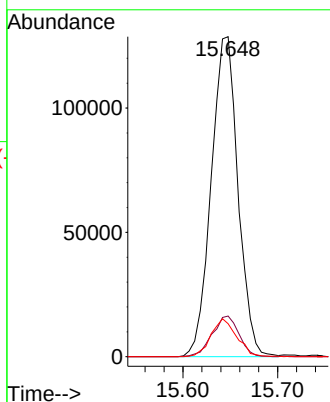
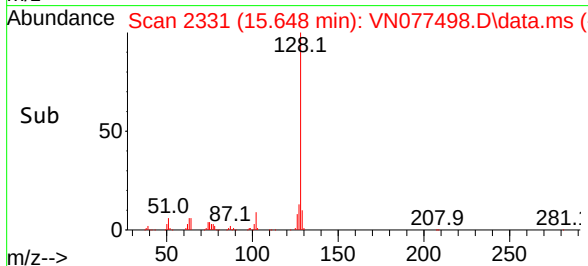
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 253298
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.4 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: 14.474 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN077498.D
Acq: 28 Apr 2023 11:57

Tgt Ion:180 Resp: 64169
Ion Ratio Lower Upper
180 100
182 98.2 0.0 198.0
145 36.5 0.0 80.2

