

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070307.D
 Acq On : 27 Dec 2021 11:47
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2021
 Supervised By : Semsettin Yesilyurt 12/30/2021

Quant Time: Dec 27 12:41:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 12:37:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1116089	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1844699	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1681425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	670984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	319072	19.01	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	38.02%#		
35) Dibromofluoromethane	8.021	113	224688	19.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	39.66%#		
50) Toluene-d8	10.440	98	902478	19.84	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	39.68%#		
62) 4-Bromofluorobenzene	12.728	95	308291	18.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	37.20%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	257341	20.15	ug/l	100
3) Chloromethane	2.303	50	330977	20.38	ug/l	100
4) Vinyl Chloride	2.448	62	305598	20.53	ug/l	99
5) Bromomethane	2.864	94	171791	21.14	ug/l	98
6) Chloroethane	3.025	64	182220	19.99	ug/l	99
7) Trichlorofluoromethane	3.379	101	368693	19.08	ug/l	96
8) Diethyl Ether	3.827	74	160360	21.10	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.207	101	228899	20.76	ug/l	94
10) Methyl Iodide	4.419	142	308021	20.56	ug/l	99
11) Tert butyl alcohol	5.374	59	251991	81.77	ug/l	99
12) 1,1-Dichloroethene	4.183	96	218143	20.48	ug/l	91
13) Acrolein	4.041	56	201326	76.36	ug/l	99
14) Allyl chloride	4.840	41	486435	20.26	ug/l	90
15) Acrylonitrile	5.554	53	810465	94.28	ug/l	98
16) Acetone	4.288	43	1129134	109.57	ug/l	98
17) Carbon Disulfide	4.529	76	583940	21.08	ug/l	99
18) Methyl Acetate	4.857	43	573212	18.62	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	832917	20.24	ug/l	96
20) Methylene Chloride	5.095	84	272194	19.76	ug/l	89
21) trans-1,2-Dichloroethene	5.597	96	237791	20.63	ug/l	87
22) Diisopropyl ether	6.498	45	986352	21.11	ug/l	93
23) Vinyl Acetate	6.434	43	3832757	101.71	ug/l	95
24) 1,1-Dichloroethane	6.388	63	500954	20.67	ug/l	98
25) 2-Butanone	7.337	43	1333699	96.87	ug/l	92
26) 2,2-Dichloropropane	7.324	77	389884	20.56	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	280235	20.19	ug/l	87
28) Bromochloromethane	7.659	49	256757	20.54	ug/l #	79
29) Tetrahydrofuran	7.686	42	776342	93.40	ug/l	88
30) Chloroform	7.817	83	491088	20.20	ug/l	99
31) Cyclohexane	8.094	56	501237	20.89	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	413695	20.04	ug/l	97
36) 1,1-Dichloropropene	8.222	75	360613	20.64	ug/l	96
37) Ethyl Acetate	7.412	43	477092	18.77	ug/l	95
38) Carbon Tetrachloride	8.204	117	339307	19.90	ug/l	99
39) Methylcyclohexane	9.459	83	431318	20.69	ug/l	89
40) Benzene	8.458	78	1114398	20.84	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	231885	19.23	ug/l	91
42) 1,2-Dichloroethane	8.528	62	416045	19.53	ug/l	98
43) Isopropyl Acetate	8.560	43	732954	19.32	ug/l #	94
44) Trichloroethene	9.215	130	260047	20.46	ug/l	94
45) 1,2-Dichloropropane	9.488	63	297561	20.66	ug/l	100
46) Dibromomethane	9.577	93	185722	19.90	ug/l	94
47) Bromodichloromethane	9.762	83	362487	20.36	ug/l	98
48) Methyl methacrylate	9.558	41	333729	18.58	ug/l #	84
49) 1,4-Dioxane	9.566	88	103348	335.86	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	2348562	96.24	ug/l	96
52) Toluene	10.505	92	675833	20.74	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	388240	20.67	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	431278	21.35	ug/l	95
55) 1,1,2-Trichloroethane	10.896	97	265064	20.25	ug/l	99
56) Ethyl methacrylate	10.760	69	427128	19.33	ug/l	90
57) 1,3-Dichloropropane	11.044	76	466208	20.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	429839	79.04	ug/l	90
59) 2-Hexanone	11.084	43	1728207	93.66	ug/l	94
60) Dibromochloromethane	11.237	129	252874	20.31	ug/l	100
61) 1,2-Dibromoethane	11.344	107	266499	19.75	ug/l	99
64) Tetrachloroethene	10.977	164	239989	21.19	ug/l	95
65) Chlorobenzene	11.768	112	687839	20.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	248675	20.89	ug/l	99
67) Ethyl Benzene	11.843	91	1280270	20.78	ug/l	96
68) m/p-Xylenes	11.953	106	943926	42.04	ug/l	92
69) o-Xylene	12.278	106	466742	20.64	ug/l	92
70) Styrene	12.294	104	734815	20.51	ug/l	96
71) Bromoform	12.457	173	178199	20.16	ug/l #	100
73) Isopropylbenzene	12.578	105	1212902	20.37	ug/l	98
74) N-amyl acetate	12.387	43	468300	18.04	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	404003	19.77	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	353220m	18.72	ug/l	
77) Bromobenzene	12.860	156	275035	19.69	ug/l	79
78) n-propylbenzene	12.919	91	1347064	20.37	ug/l	95
79) 2-Chlorotoluene	13.007	91	841139	20.08	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	984457	20.55	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	101240	19.22	ug/l	95
82) 4-Chlorotoluene	13.104	91	794494	20.18	ug/l	93
83) tert-Butylbenzene	13.323	119	852014	20.13	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	961597	21.07	ug/l	97
85) sec-Butylbenzene	13.501	105	1158963	20.19	ug/l	98
86) p-Isopropyltoluene	13.613	119	910024	20.25	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	457167	19.97	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	434597	19.30	ug/l	96
89) n-Butylbenzene	13.940	91	699698	19.19	ug/l	97
90) Hexachloroethane	14.209	117	155763	19.81	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	446429	20.03	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	66634	18.24	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	189541	18.64	ug/l	97
94) Hexachlorobutadiene	15.367	225	124827	21.07	ug/l	99
95) Naphthalene	15.504	128	468545	16.06	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	183638	18.38	ug/l	98

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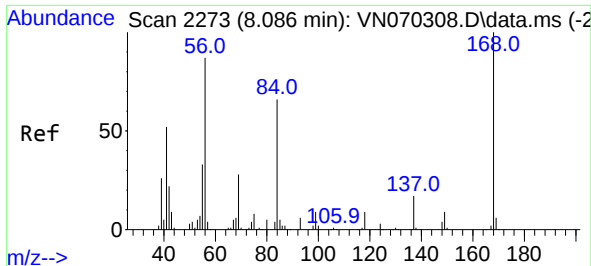
Manual Integrations
APPROVED

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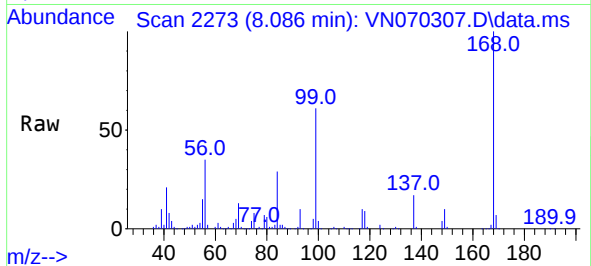
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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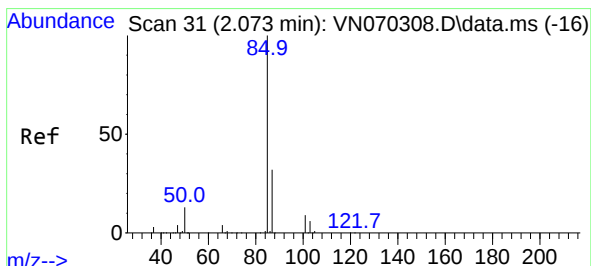
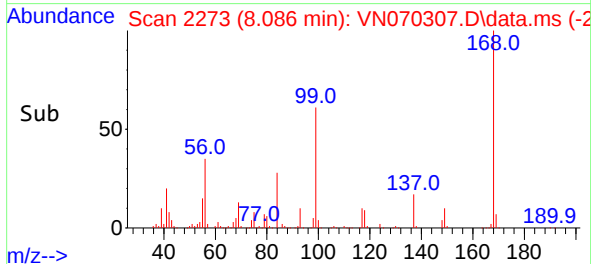
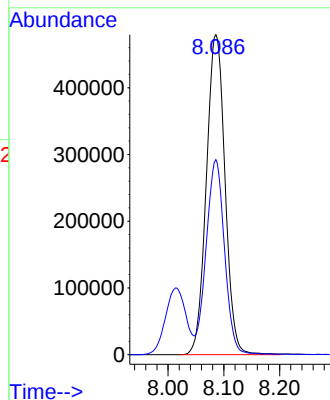
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 1116089
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

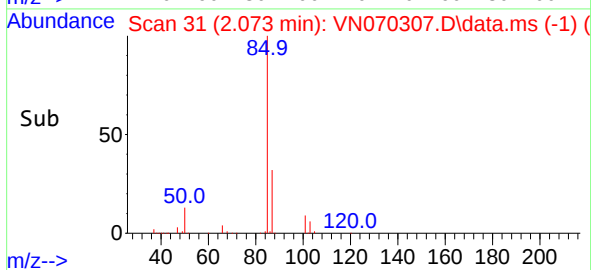
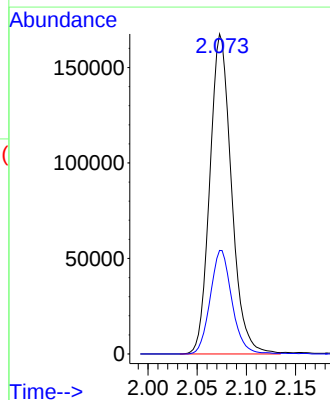
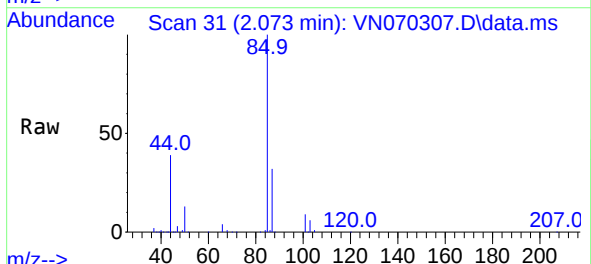
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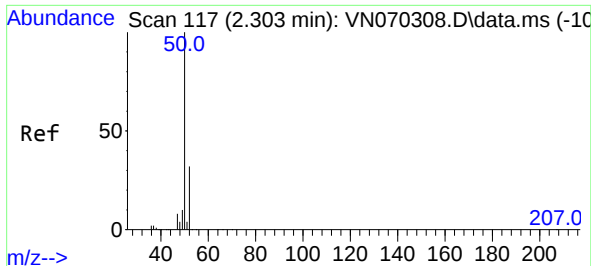
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#2
Dichlorodifluoromethane
Concen: 20.15 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

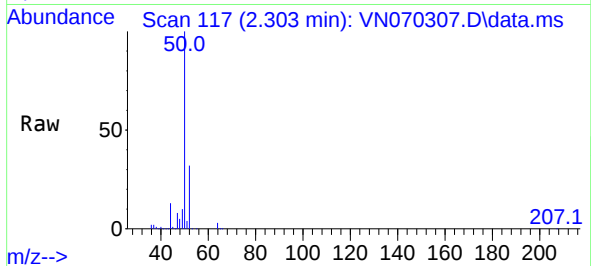
Tgt Ion: 85 Resp: 257341
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9





#3
Chloromethane
Concen: 20.38 ug/l
RT: 2.303 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

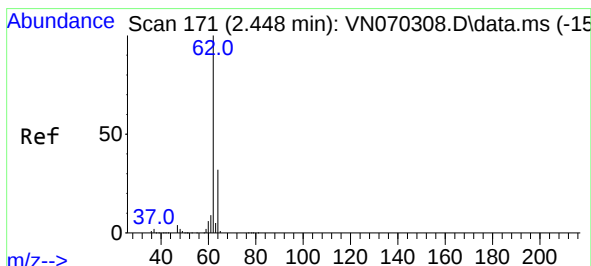
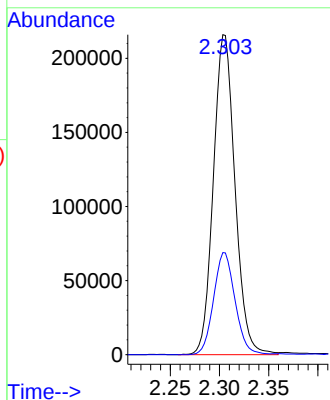
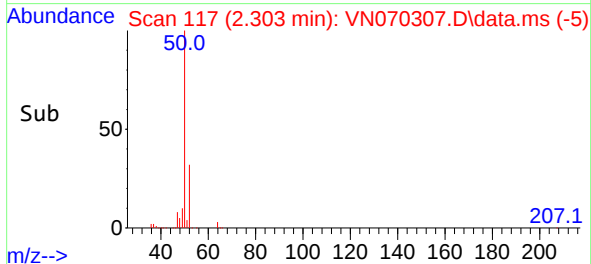
Instrument :
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Tgt Ion: 50 Resp: 33097
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0

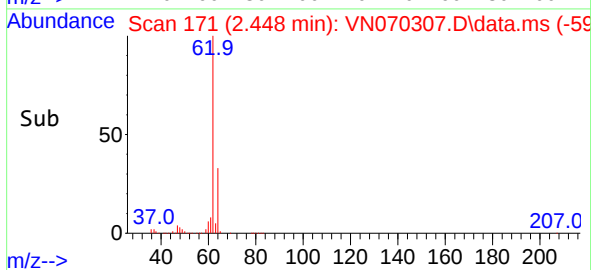
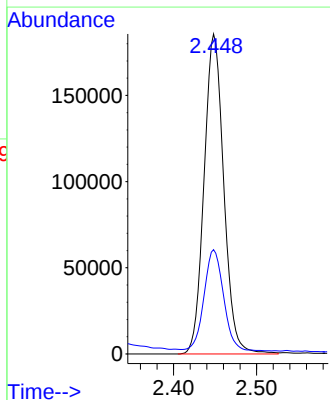
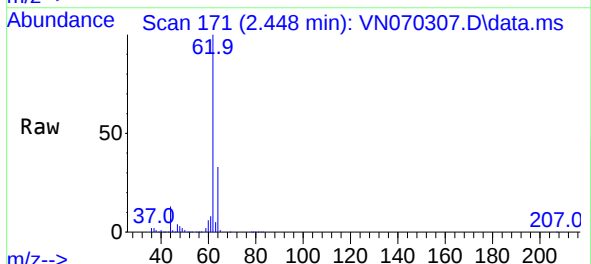
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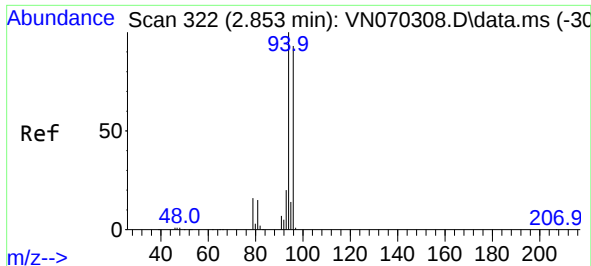
Reviewed By :John Carlone 12/28/2021
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#4
Vinyl Chloride
Concen: 20.53 ug/l
RT: 2.448 min Scan# 171
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

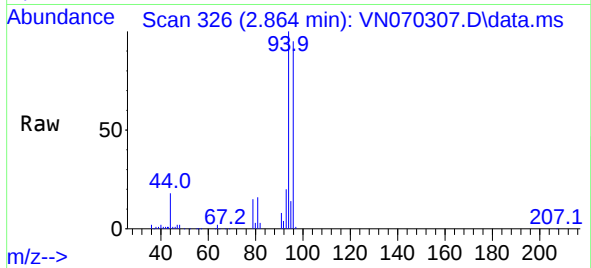
Tgt Ion: 62 Resp: 305598
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 21.14 ug/l
RT: 2.864 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

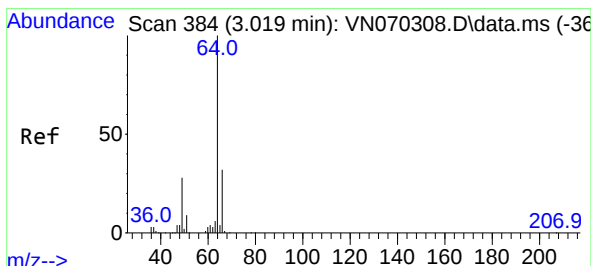
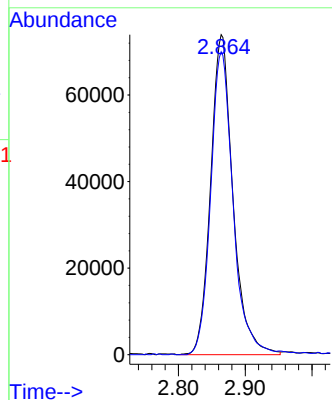
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 17179
Ion Ratio Lower Upper
94 100
96 94.7 73.8 110.8

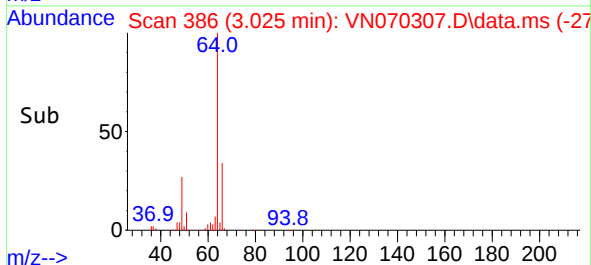
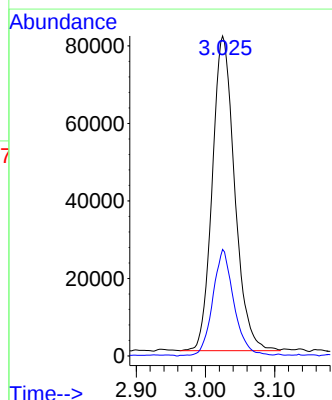
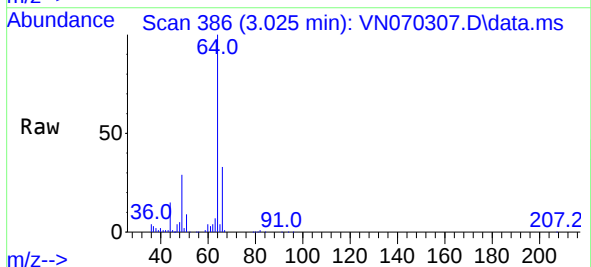
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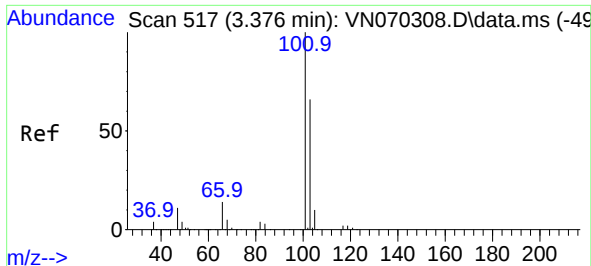
Reviewed By :John Carlone 12/28/2021
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#6
Chloroethane
Concen: 19.99 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.005 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Tgt Ion: 64 Resp: 182220
Ion Ratio Lower Upper
64 100
66 33.7 26.3 39.5





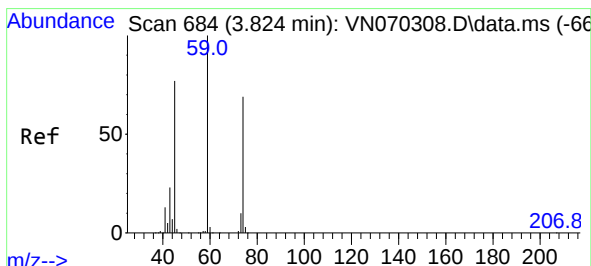
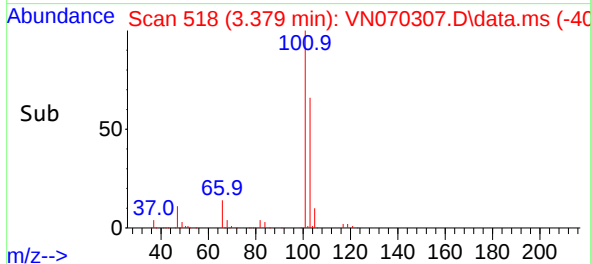
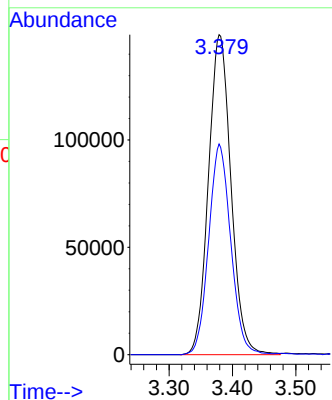
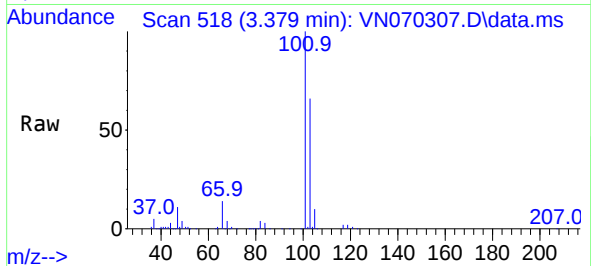
#7
Trichlorofluoromethane
Concen: 19.08 ug/l
RT: 3.379 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 36869
Ion Ratio Lower Upper
101 100
103 65.9 50.1 75.1

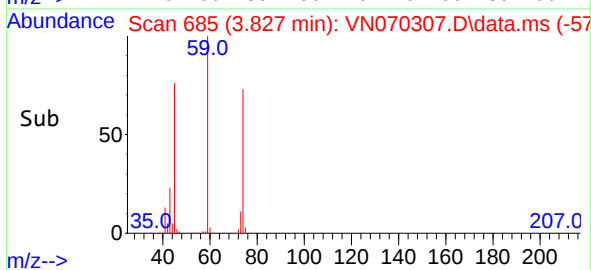
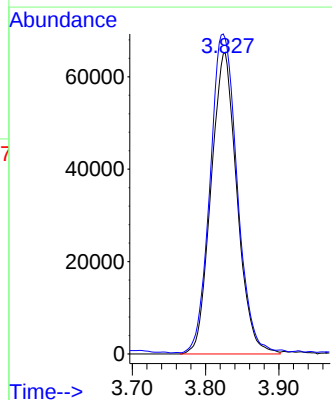
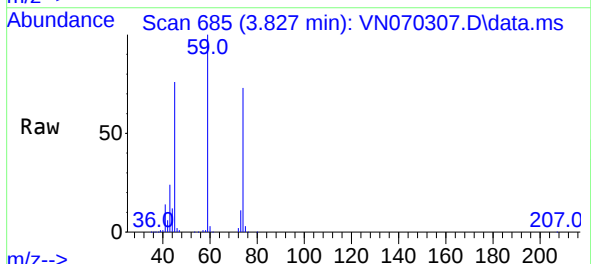
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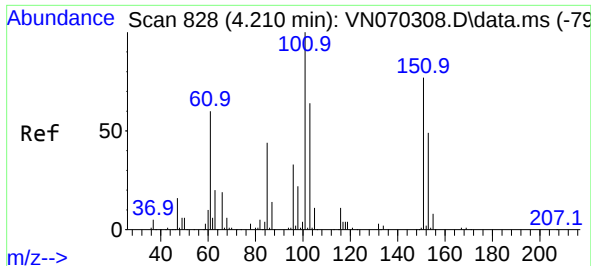
Reviewed By :John Carlone 12/28/2021
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#8
Diethyl Ether
Concen: 21.10 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Tgt Ion: 74 Resp: 160360
Ion Ratio Lower Upper
74 100
45 110.2 47.0 141.2





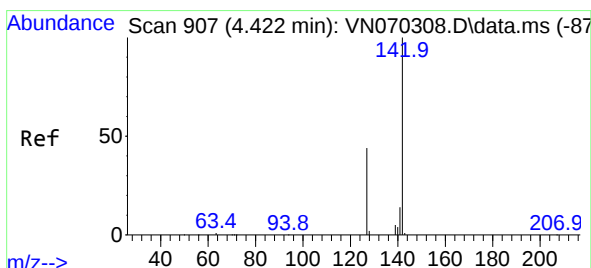
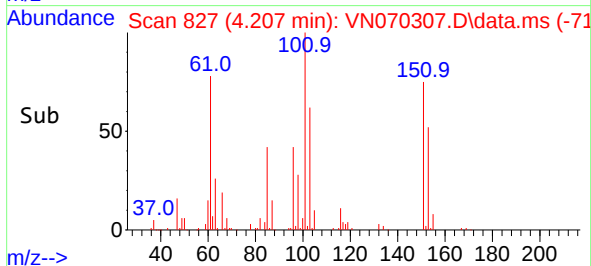
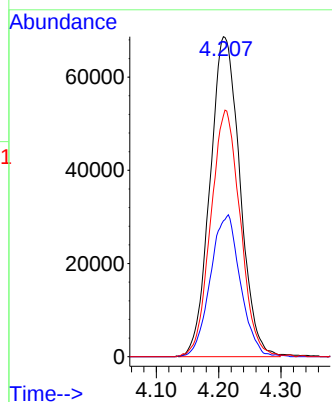
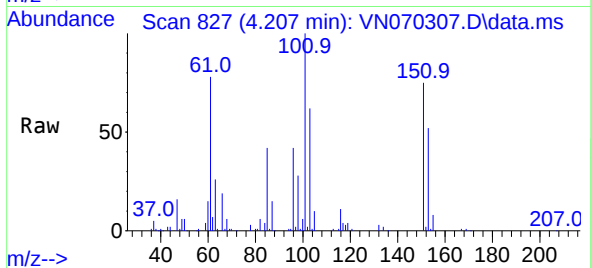
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.76 ug/l
RT: 4.207 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN070307.D
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ClientSampleId :
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Tgt Ion:101 Resp: 22889
Ion Ratio Lower Upper
101 100
85 44.4 37.2 55.8
151 76.0 65.9 98.9

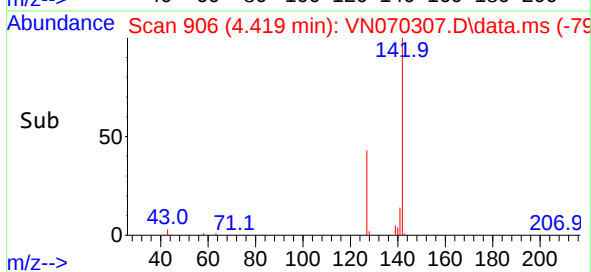
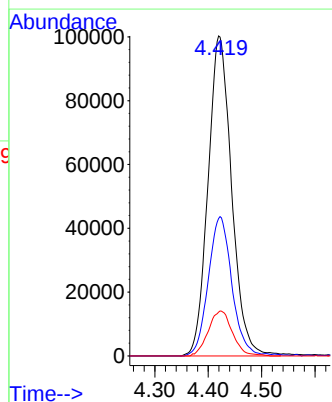
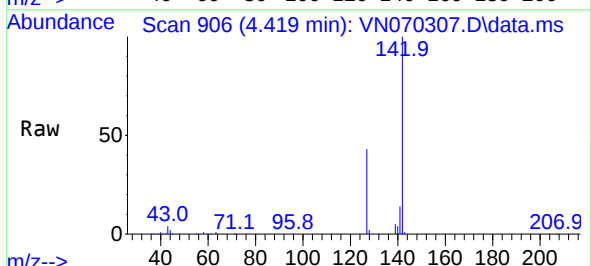
Manual Integrations
APPROVED

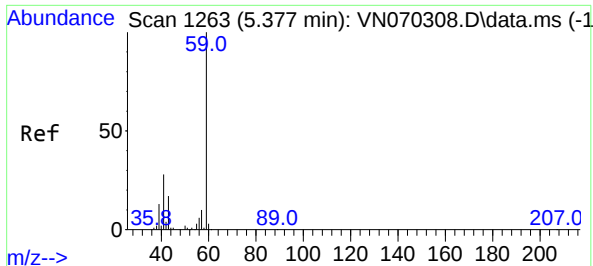
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#10
Methyl Iodide
Concen: 20.56 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

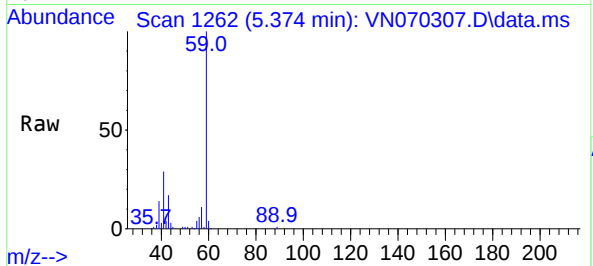
Tgt Ion:142 Resp: 308021
Ion Ratio Lower Upper
142 100
127 43.3 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 81.77 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

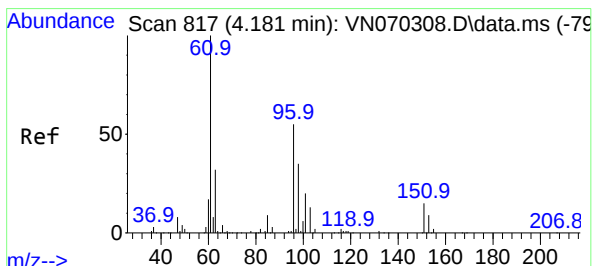
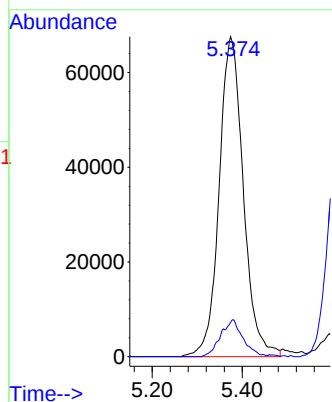
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



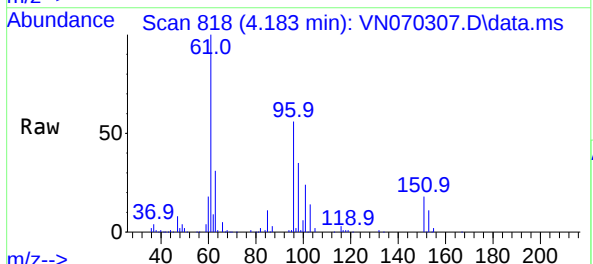
Tgt Ion: 59 Resp: 25199
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
APPROVED

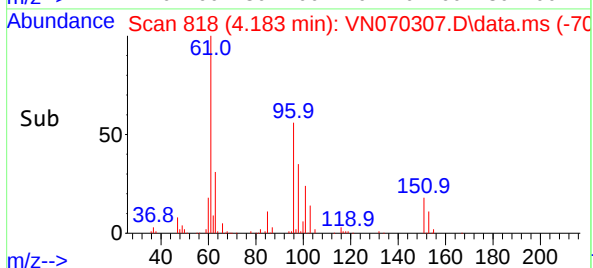
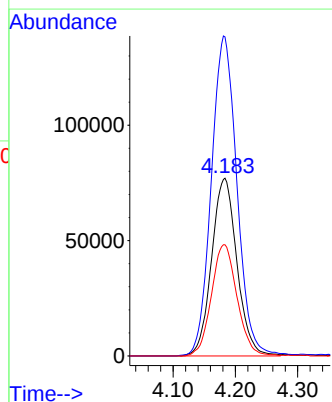
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

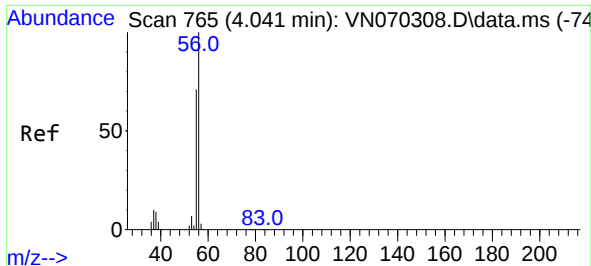


#12
1,1-Dichloroethene
Concen: 20.48 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



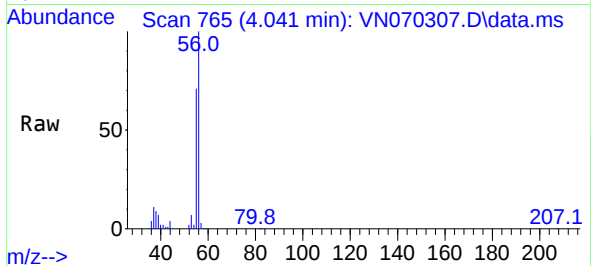
Tgt Ion: 96 Resp: 218143
Ion Ratio Lower Upper
96 100
61 179.1 131.0 196.6
98 62.6 52.4 78.6





#13
Acrolein
Concen: 76.36 ug/l
RT: 4.041 min Scan# 765
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

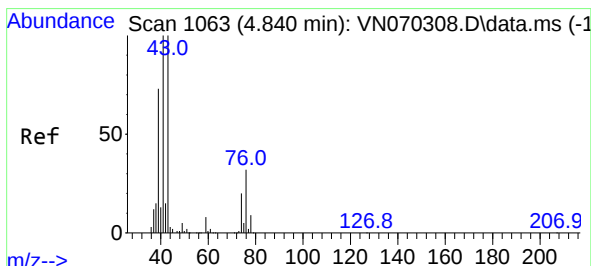
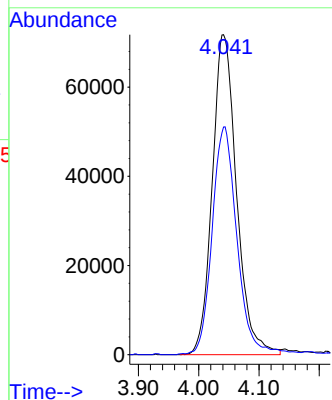
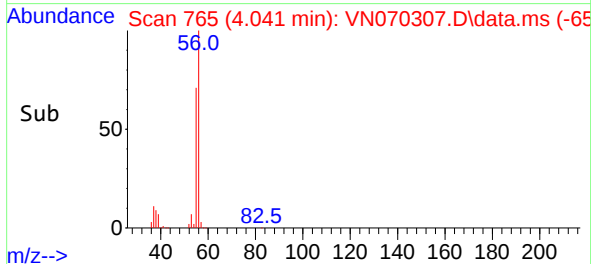
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



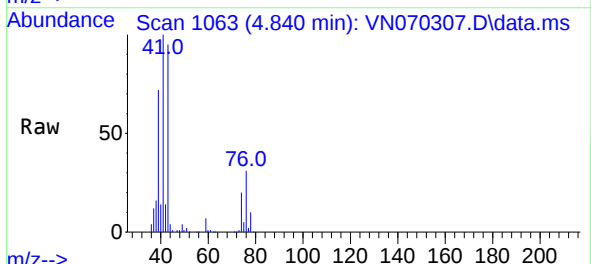
Tgt Ion: 56 Resp: 201320
Ion Ratio Lower Upper
56 100
55 71.8 56.6 85.0

Manual Integrations
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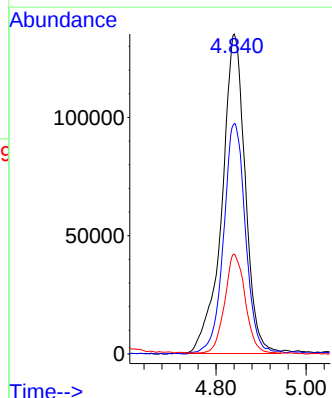
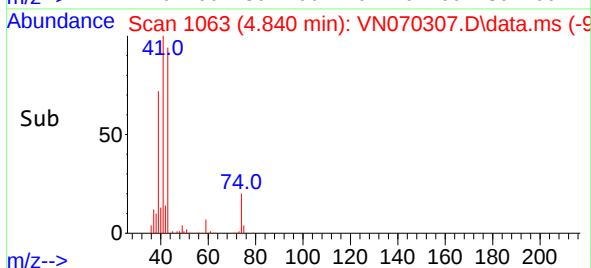
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

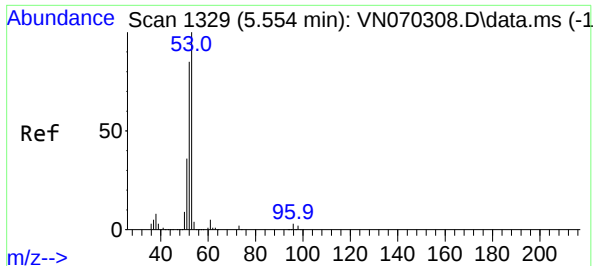


#14
Allyl chloride
Concen: 20.26 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



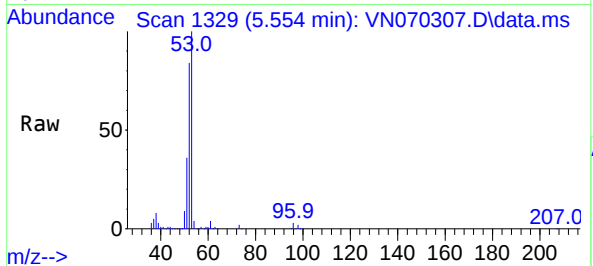
Tgt Ion: 41 Resp: 486435
Ion Ratio Lower Upper
41 100
39 67.8 61.2 91.8
76 26.9 26.0 39.0





#15
Acrylonitrile
Concen: 94.28 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

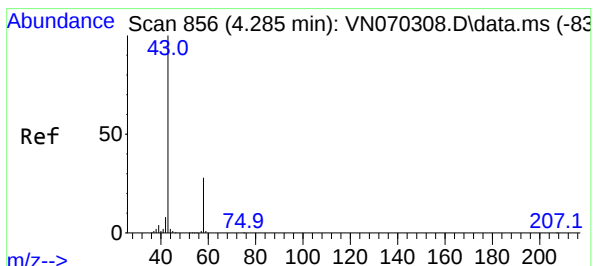
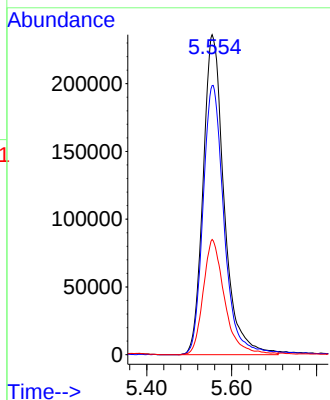
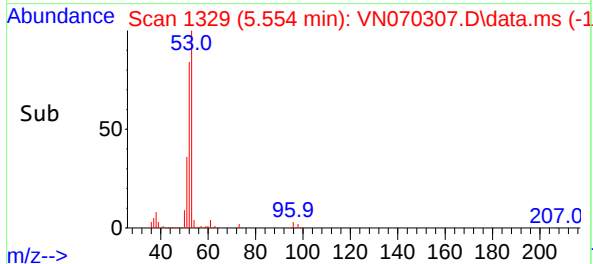
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



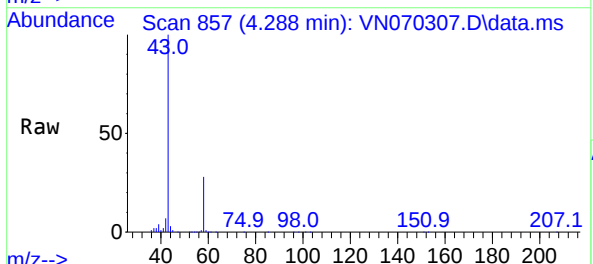
Tgt Ion: 53 Resp: 81046
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 36.1 29.6 44.4

Manual Integrations
APPROVED

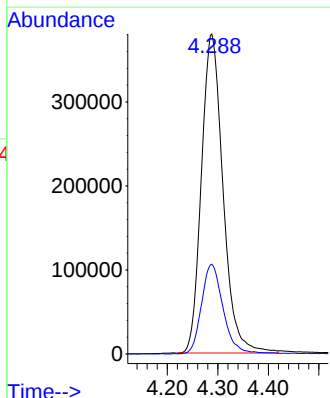
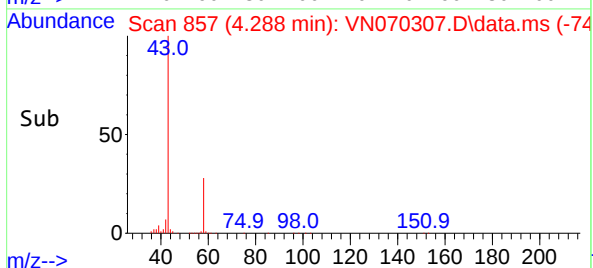
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

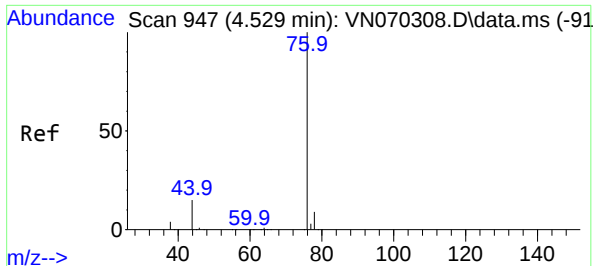


#16
Acetone
Concen: 109.57 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



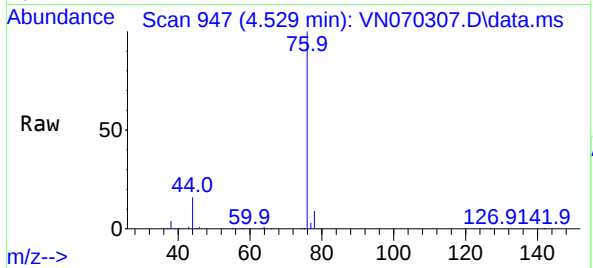
Tgt Ion: 43 Resp: 1129134
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7





#17
Carbon Disulfide
Concen: 21.08 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

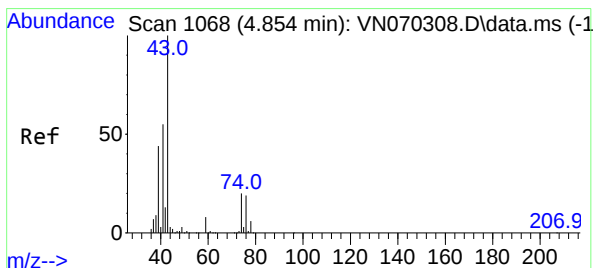
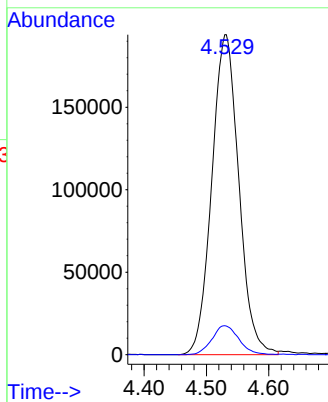
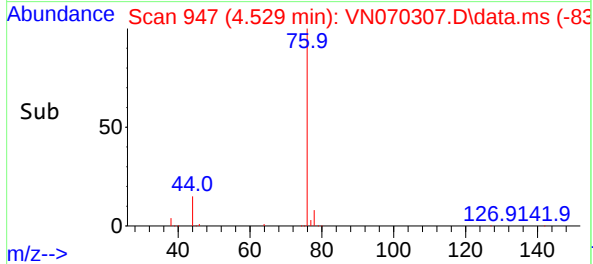
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



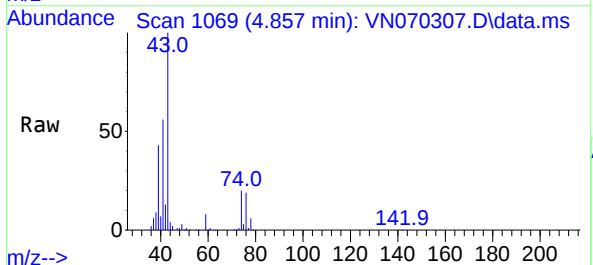
Tgt Ion: 76 Resp: 583940
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

Manual Integrations
APPROVED

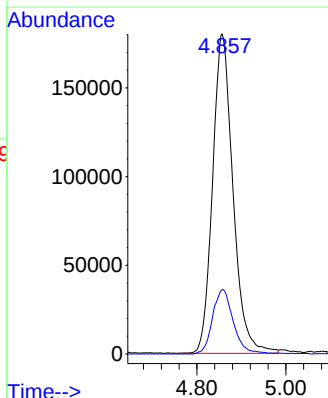
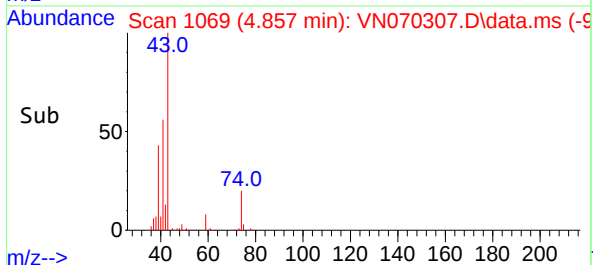
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

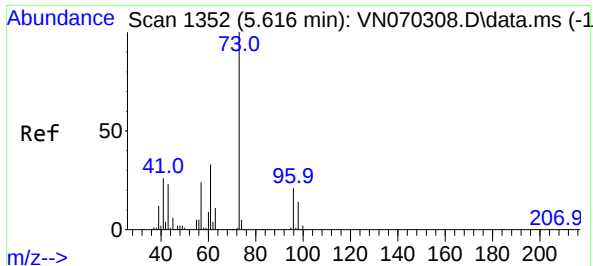


#18
Methyl Acetate
Concen: 18.62 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



Tgt Ion: 43 Resp: 573212
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.24 ug/l

RT: 5.618 min Scan# 11353

Delta R.T. 0.003 min

Lab File: VN070307.D

Acq: 27 Dec 2021 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 83291

Ion Ratio Lower Upper

73 100

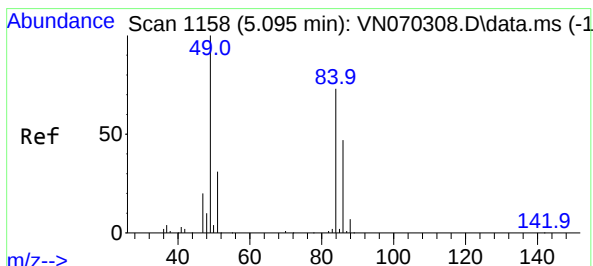
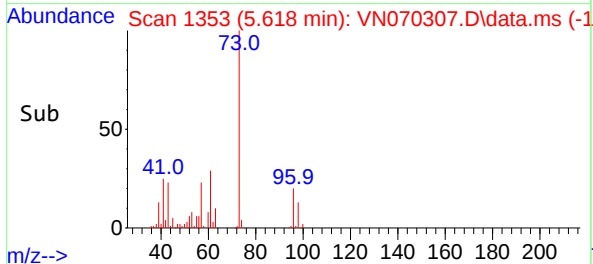
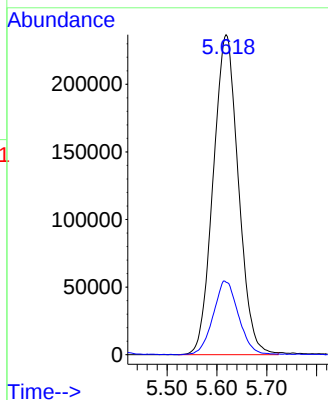
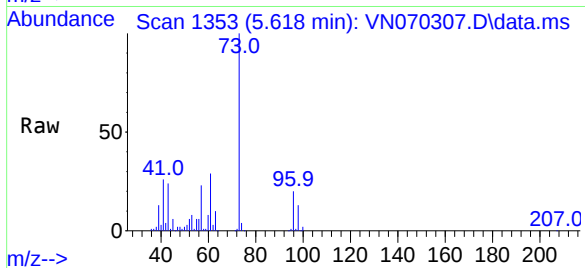
57 22.7 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#20

Methylene Chloride

Concen: 19.76 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. -0.000 min

Lab File: VN070307.D

Acq: 27 Dec 2021 11:47

Tgt Ion: 84 Resp: 272194

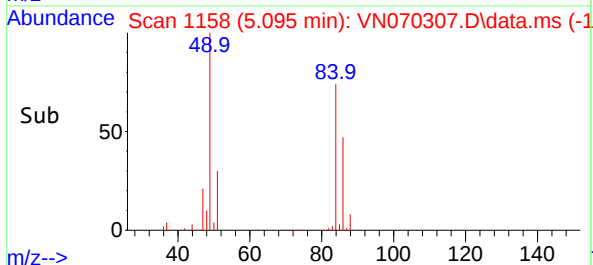
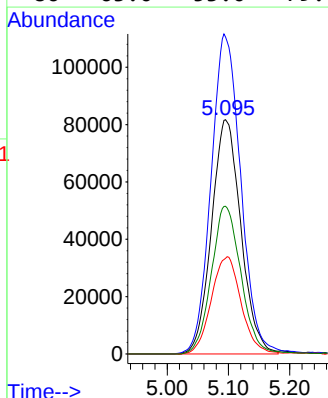
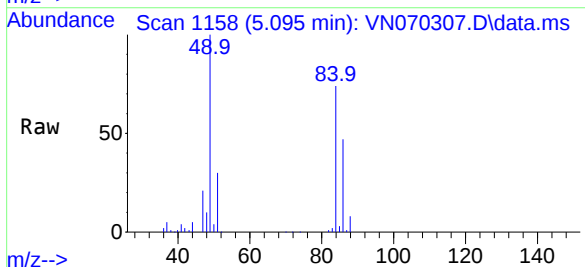
Ion Ratio Lower Upper

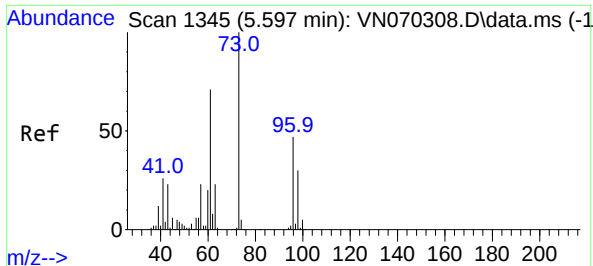
84 100

49 135.1 93.5 140.3

51 40.9 29.4 44.2

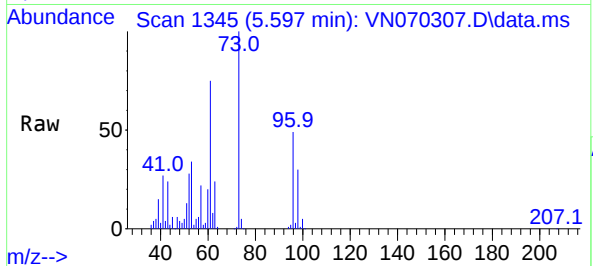
86 63.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 20.63 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

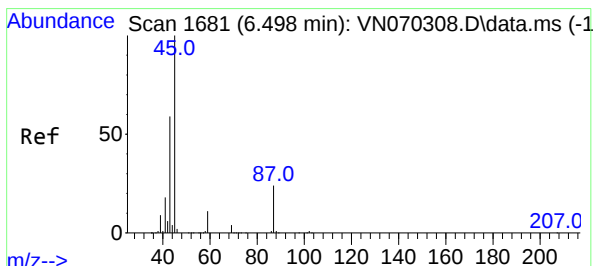
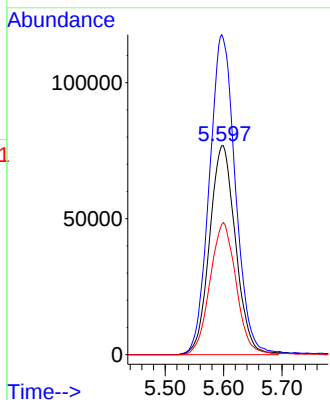
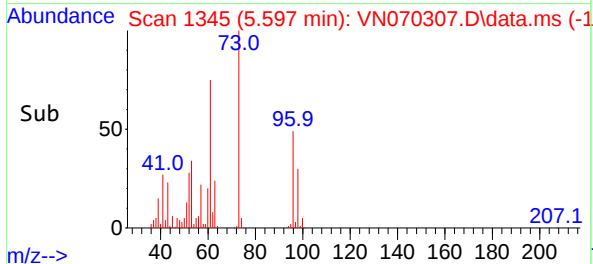
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



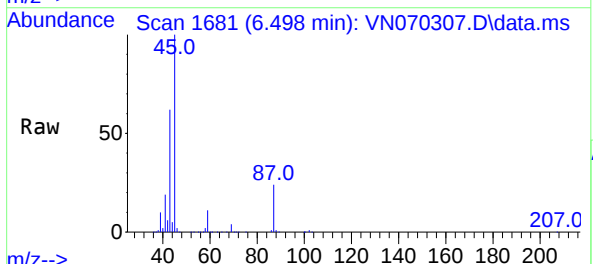
Tgt Ion: 96 Resp: 23779
Ion Ratio Lower Upper
96 100
61 153.1 105.8 158.6
98 62.3 52.0 78.0

Manual Integrations
APPROVED

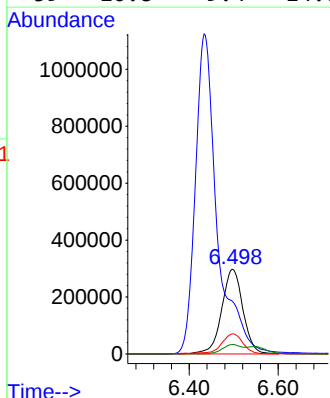
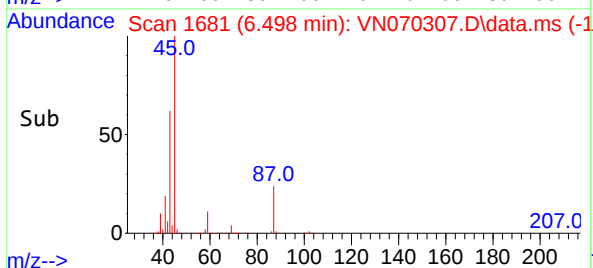
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

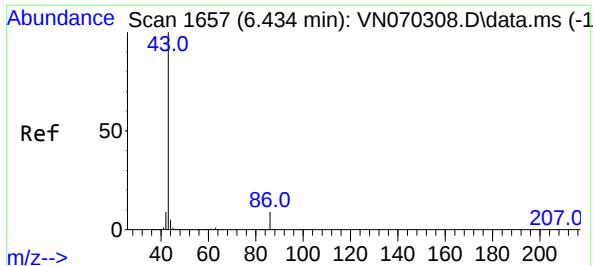


#22
Diisopropyl ether
Concen: 21.11 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



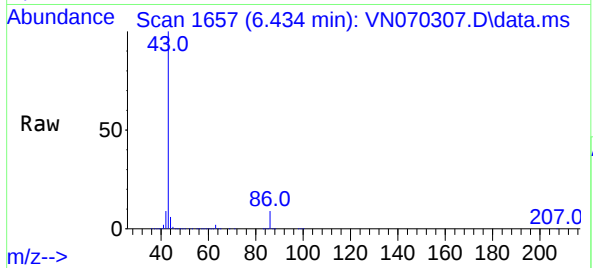
Tgt Ion: 45 Resp: 986352
Ion Ratio Lower Upper
45 100
43 59.8 51.7 77.5
87 23.7 23.2 34.8
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 101.71 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN070307.D
 Acq: 27 Dec 2021 11:47

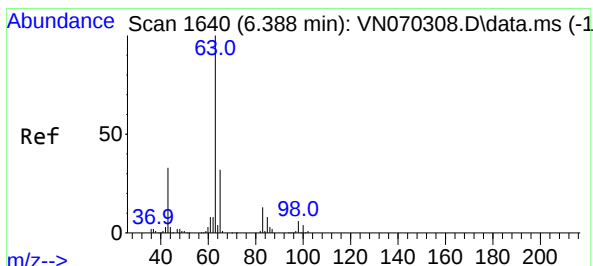
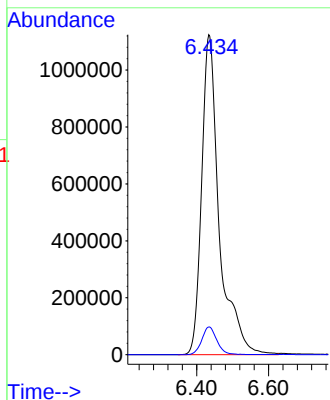
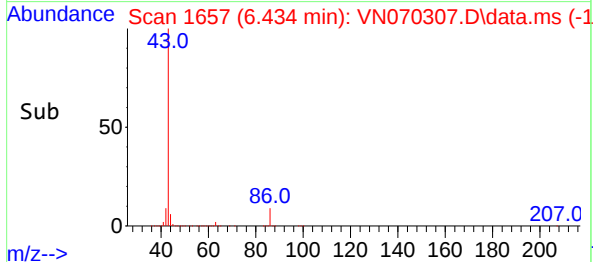
Instrument :
 MSVOA_N
 ClientSampleId :
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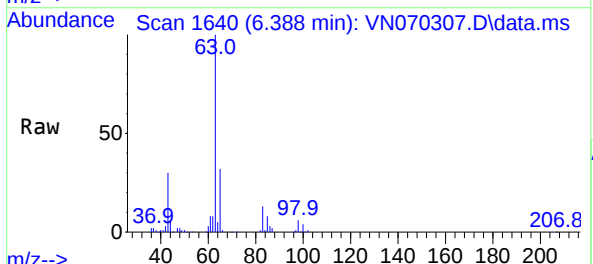
Tgt Ion: 43 Resp: 383275
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

Manual Integrations
 APPROVED

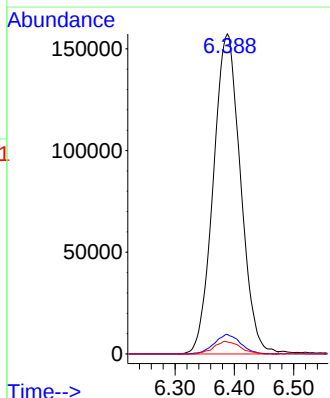
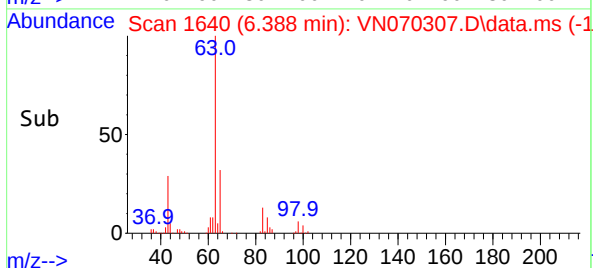
Reviewed By :John Carlone 12/28/2021
 Supervised By :Semsettin Yesilyurt 12/30/2021



#24
 1,1-Dichloroethane
 Concen: 20.67 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: VN070307.D
 Acq: 27 Dec 2021 11:47



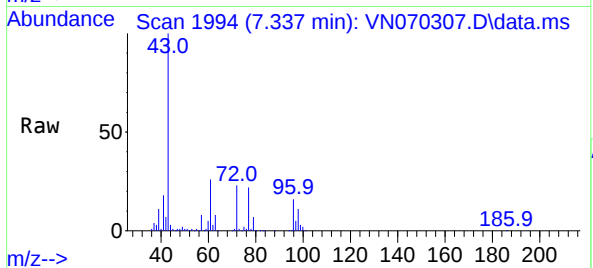
Tgt Ion: 63 Resp: 500954
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.7 2.1 6.5





#25
2-Butanone
Concen: 96.87 ug/l
RT: 7.337 min Scan# 1993
Delta R.T. 0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

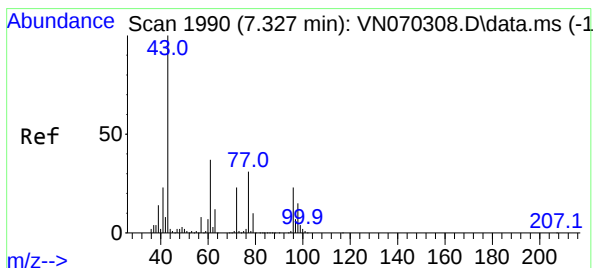
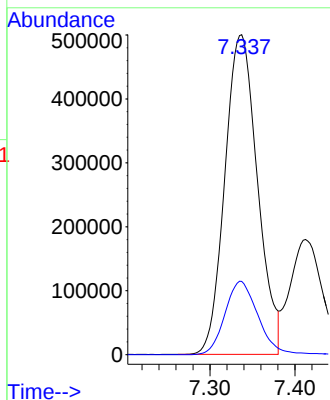
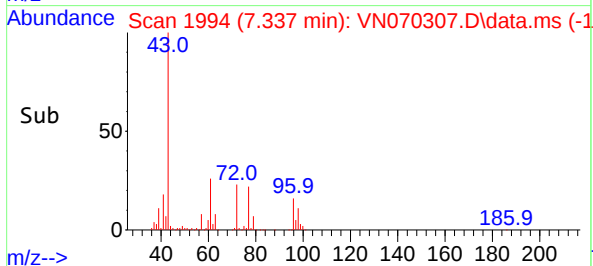
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



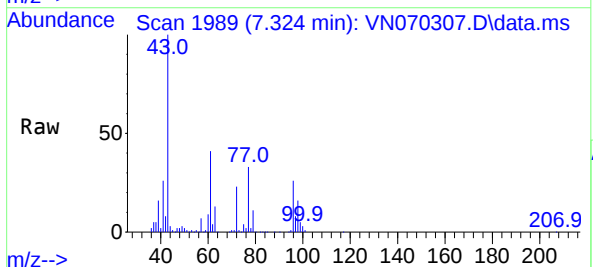
Tgt Ion: 43 Resp: 1333699
Ion Ratio Lower Upper
43 100
72 22.9 21.7 32.5

Manual Integrations
APPROVED

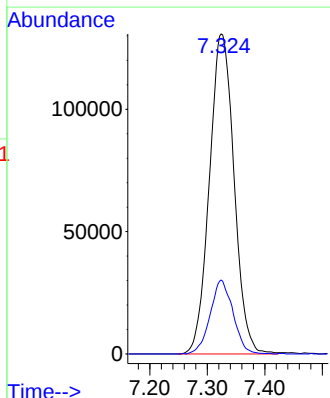
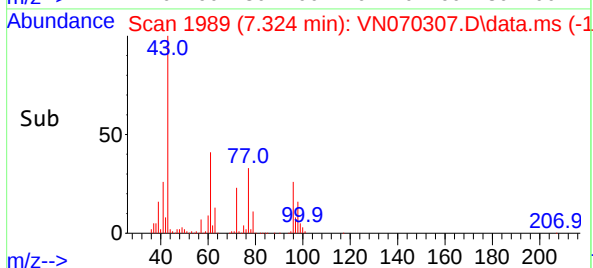
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

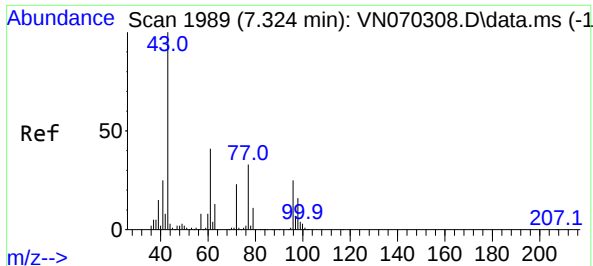


#26
2,2-Dichloropropane
Concen: 20.56 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



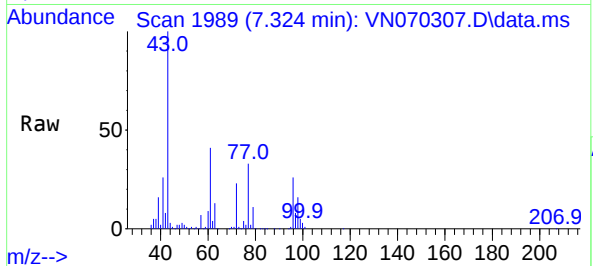
Tgt Ion: 77 Resp: 389884
Ion Ratio Lower Upper
77 100
97 21.4 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 20.19 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

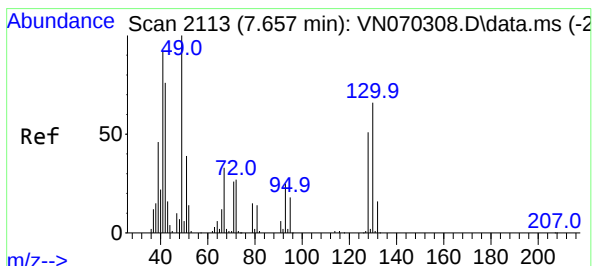
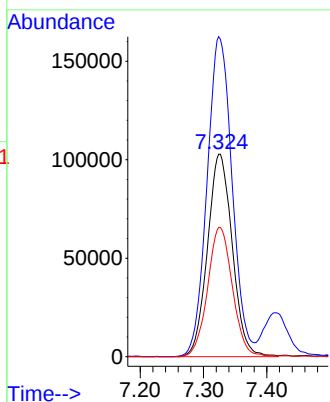
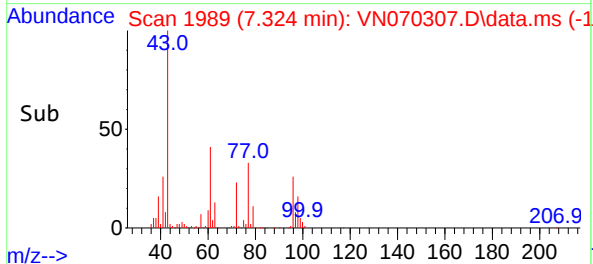
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



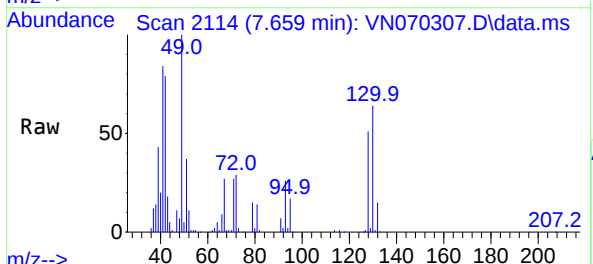
Tgt Ion: 96 Resp: 280235
Ion Ratio Lower Upper
96 100
61 159.5 0.0 275.0
98 63.8 0.0 129.6

Manual Integrations
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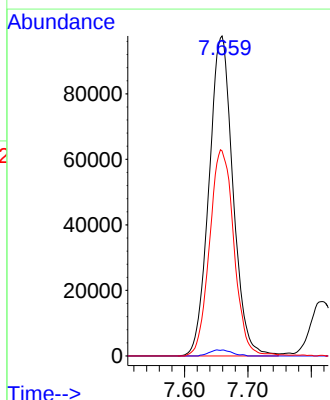
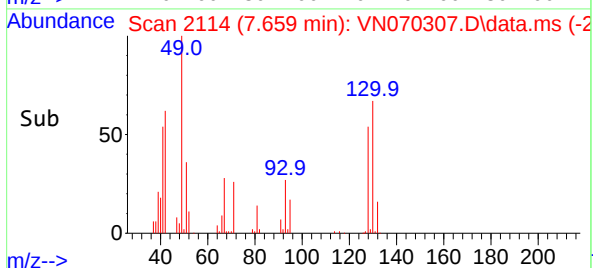
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

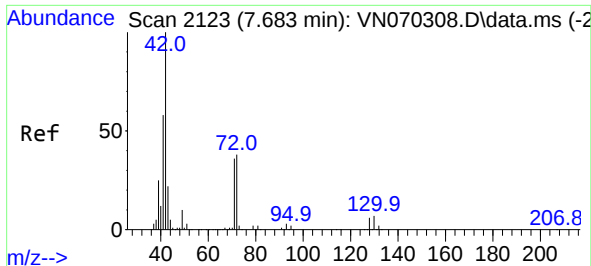


#28
Bromochloromethane
Concen: 20.54 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



Tgt Ion: 49 Resp: 256757
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.0
130 65.1 67.8 101.8#





#29

Tetrahydrofuran

Concen: 93.40 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070307.D

Acq: 27 Dec 2021 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 77634

Ion Ratio Lower Upper

42 100

72 37.4 36.3 54.5

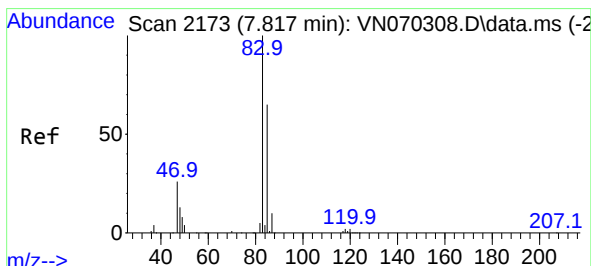
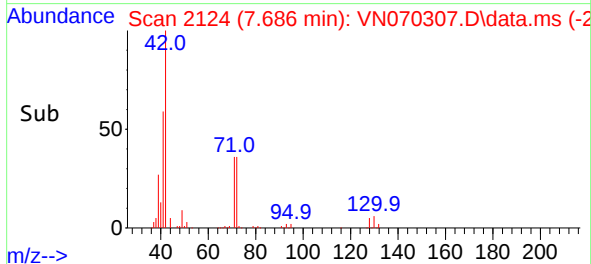
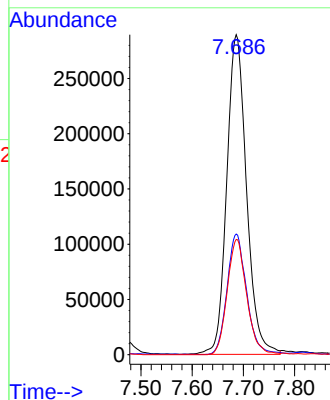
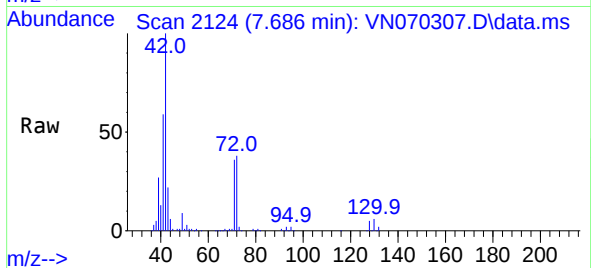
71 35.5 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#30

Chloroform

Concen: 20.20 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.000 min

Lab File: VN070307.D

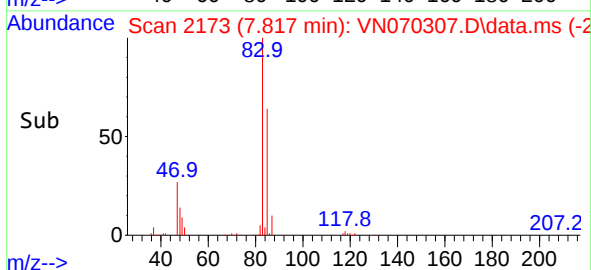
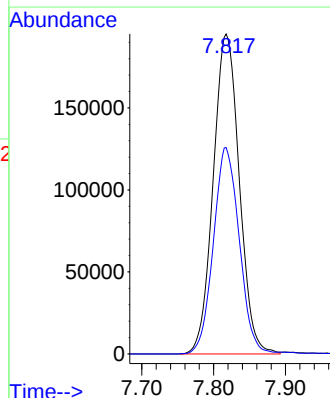
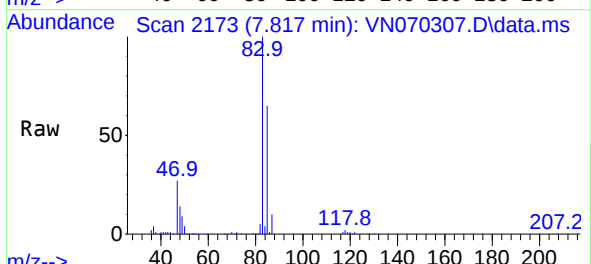
Acq: 27 Dec 2021 11:47

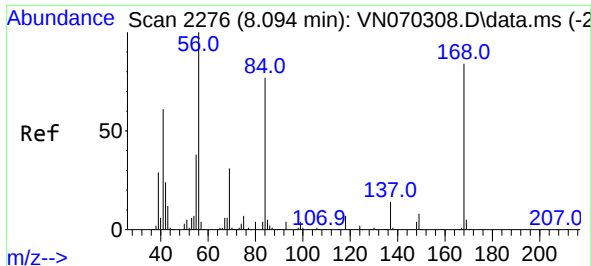
Tgt Ion: 83 Resp: 491088

Ion Ratio Lower Upper

83 100

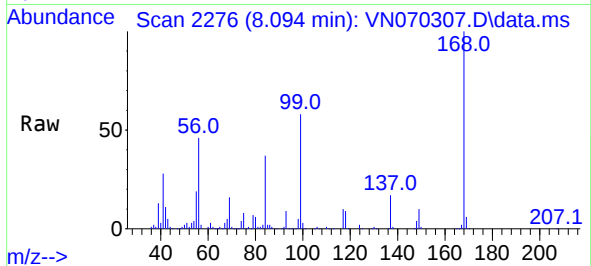
85 64.4 51.9 77.9





#31
Cyclohexane
Concen: 20.89 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

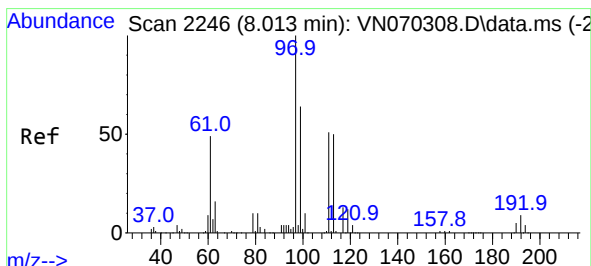
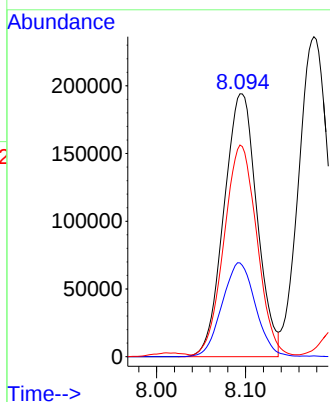
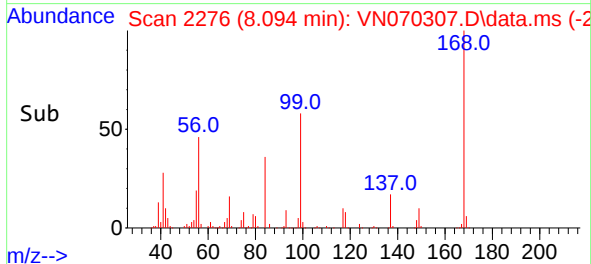
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



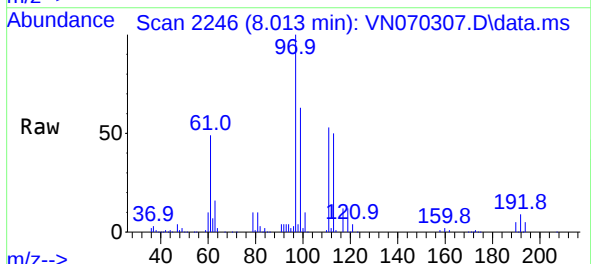
Tgt Ion: 56 Resp: 50123
Ion Ratio Lower Upper
56 100
69 35.7 27.1 40.7
84 79.3 73.4 110.0

Manual Integrations
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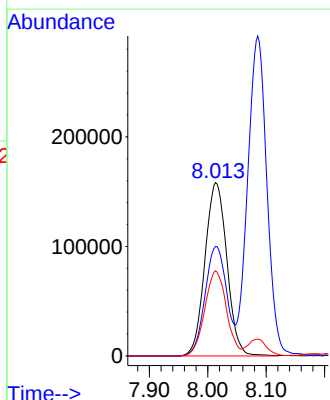
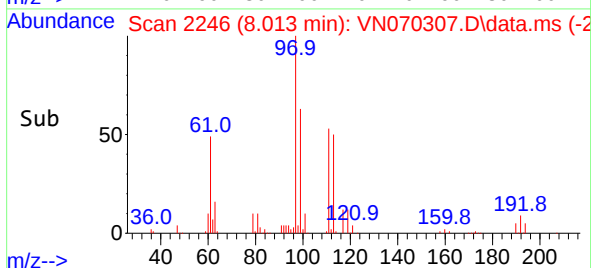
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

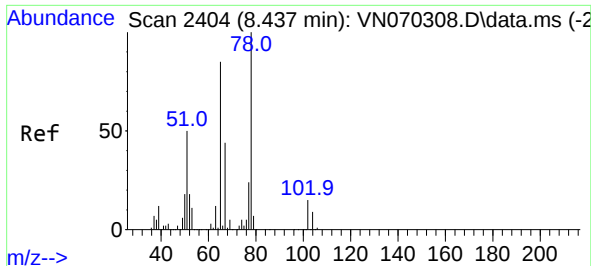


#32
1,1,1-Trichloroethane
Concen: 20.04 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



Tgt Ion: 97 Resp: 413695
Ion Ratio Lower Upper
97 100
99 63.0 50.1 75.1
61 48.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 19.01 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070307.D

Acq: 27 Dec 2021 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 65 Resp: 319072

Ion Ratio Lower Upper

65 100

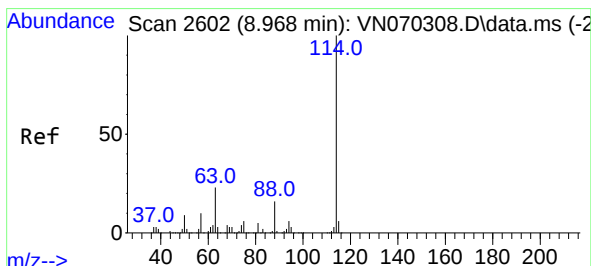
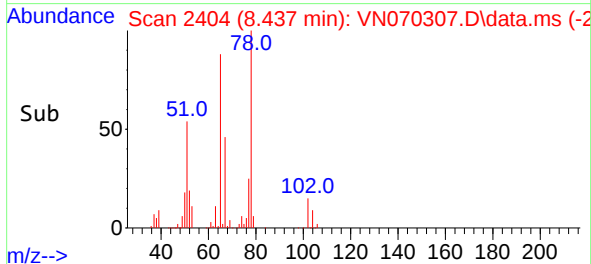
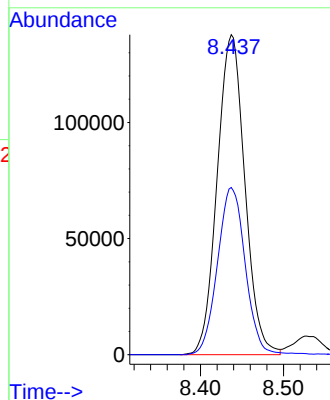
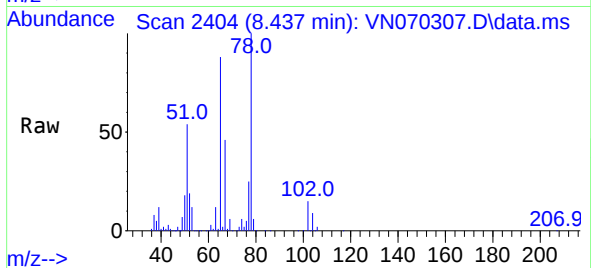
67 52.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070307.D

Acq: 27 Dec 2021 11:47

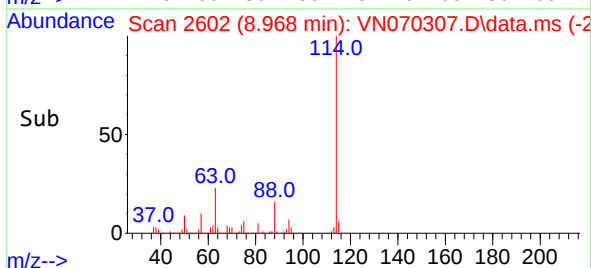
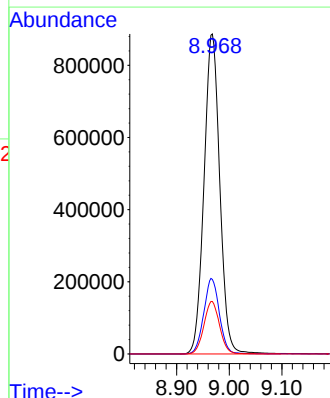
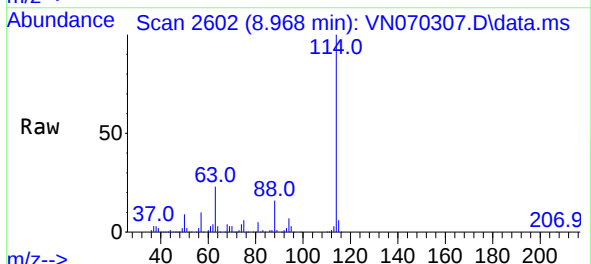
Tgt Ion:114 Resp: 1844699

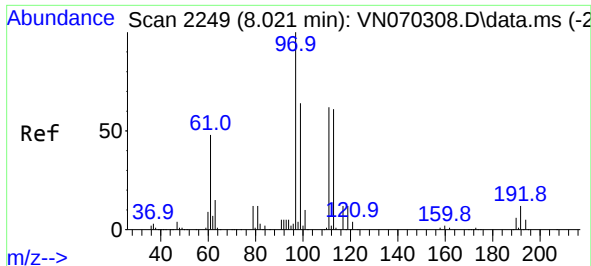
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

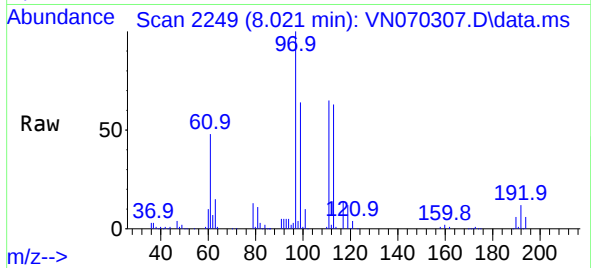
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 19.83 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

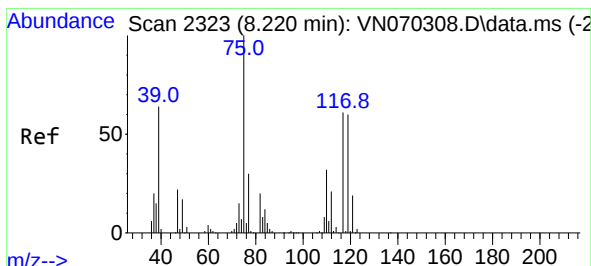
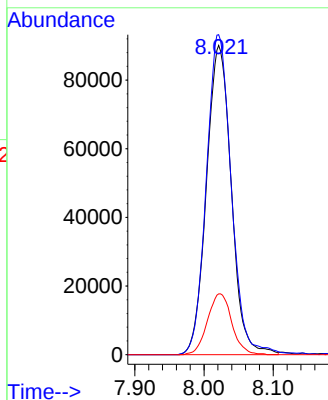
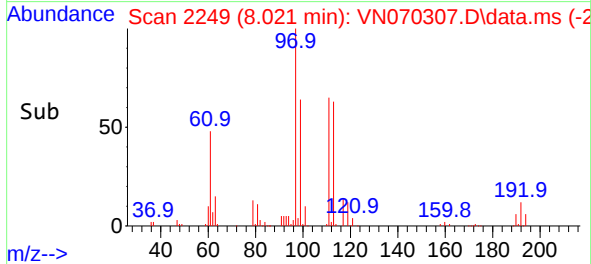
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



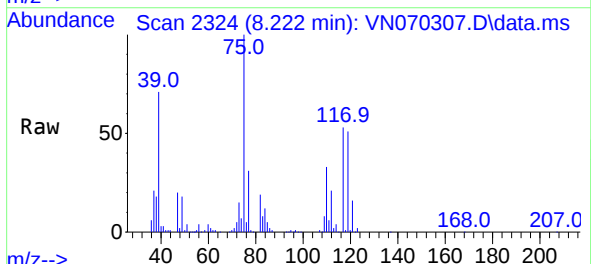
Tgt Ion:113 Resp: 224688
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.3 16.9 25.3

Manual Integrations
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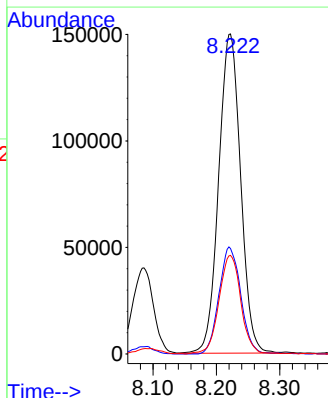
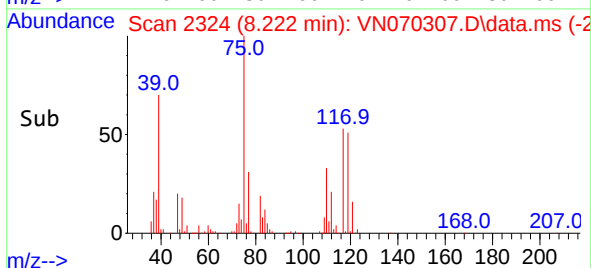
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

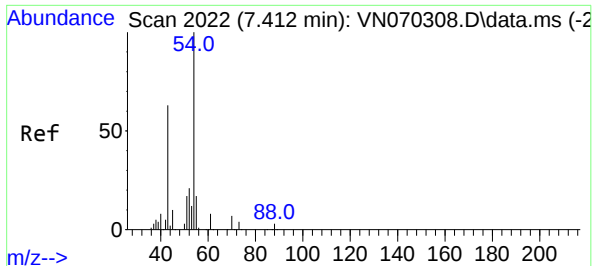


#36
1,1-Dichloropropene
Concen: 20.64 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



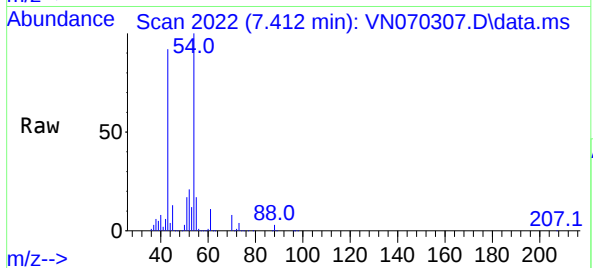
Tgt Ion: 75 Resp: 360613
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 18.77 ug/l
RT: 7.412 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

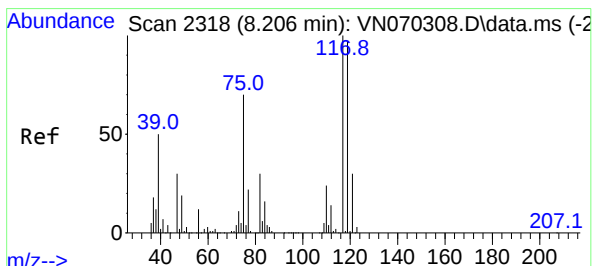
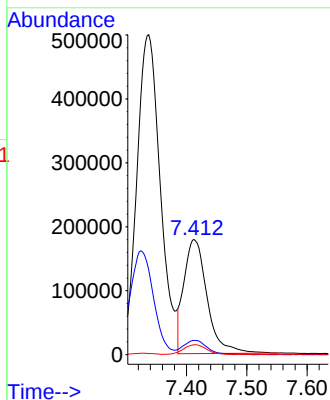
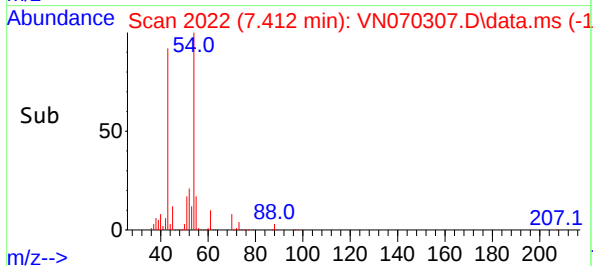
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 477092
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 8.6 7.9 11.9

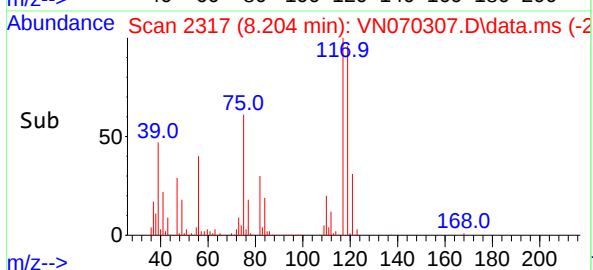
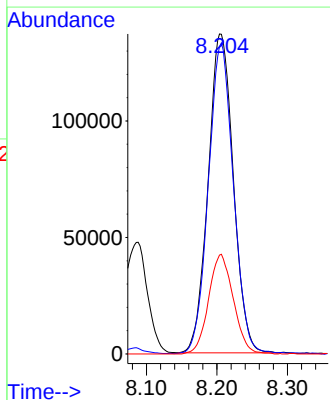
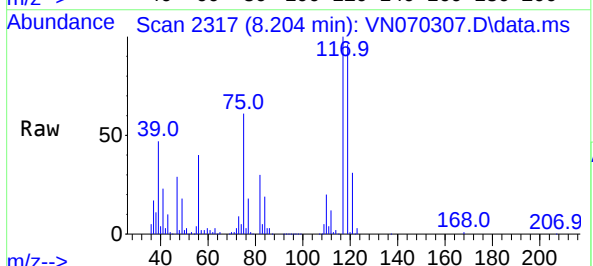
Manual Integrations
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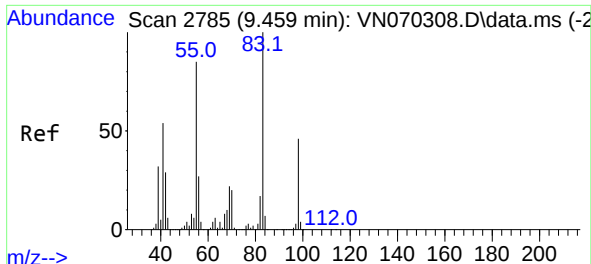
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#38
Carbon Tetrachloride
Concen: 19.90 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Tgt Ion:117 Resp: 339307
Ion Ratio Lower Upper
117 100
119 96.2 76.1 114.1
121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 20.69 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070307.D

Acq: 27 Dec 2021 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 431318

Ion Ratio Lower Upper

83 100

55 85.8 58.1 87.1

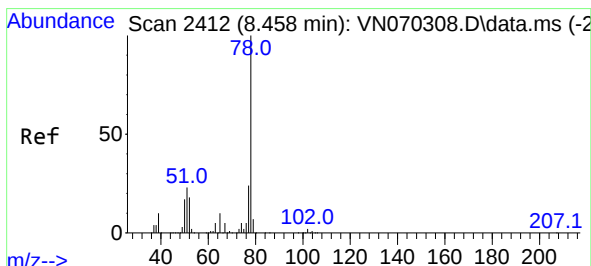
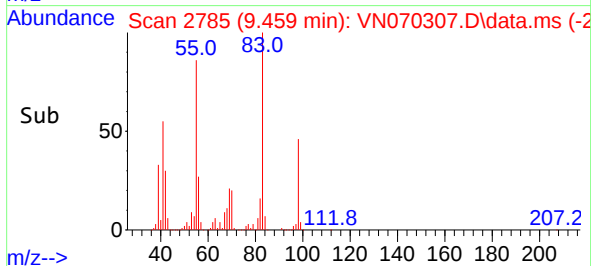
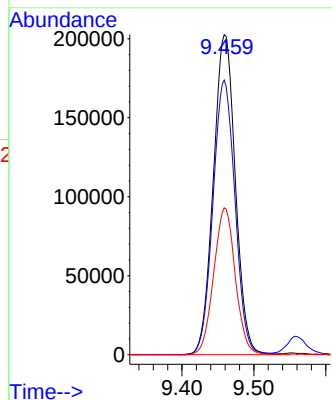
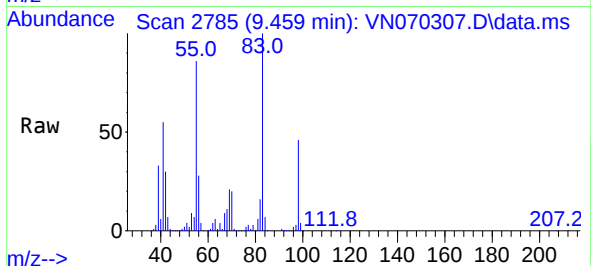
98 45.9 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#40

Benzene

Concen: 20.84 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.000 min

Lab File: VN070307.D

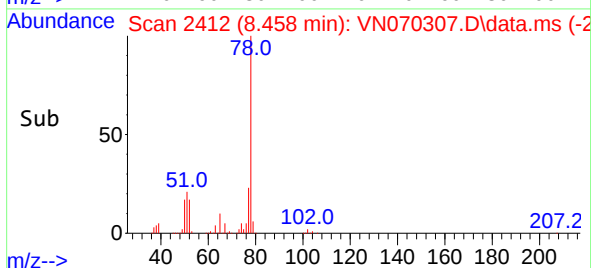
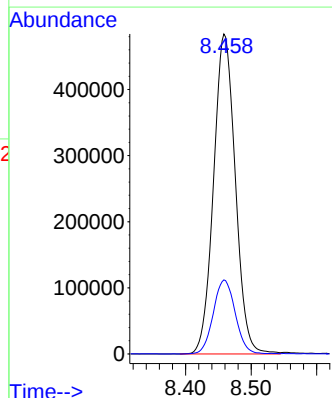
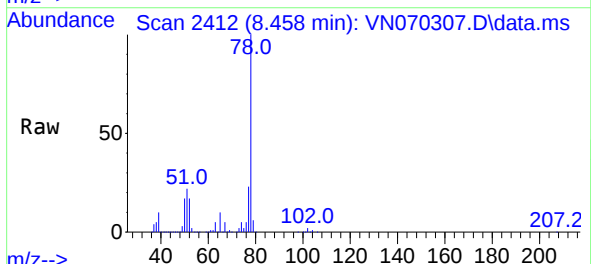
Acq: 27 Dec 2021 11:47

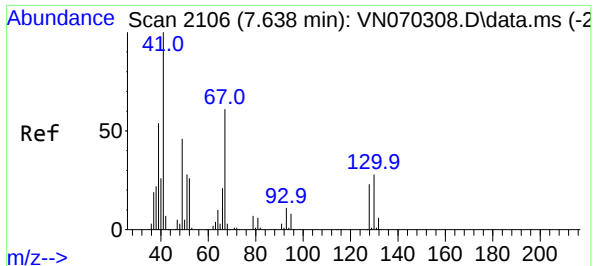
Tgt Ion: 78 Resp: 1114398

Ion Ratio Lower Upper

78 100

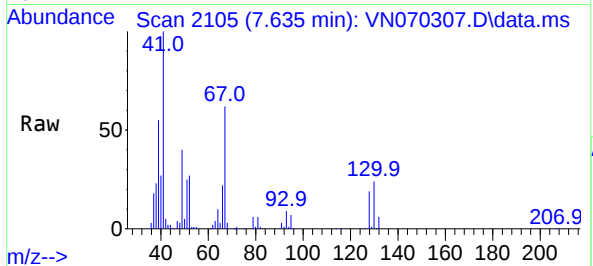
77 23.2 18.6 27.8





#41
Methacrylonitrile
Concen: 19.23 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

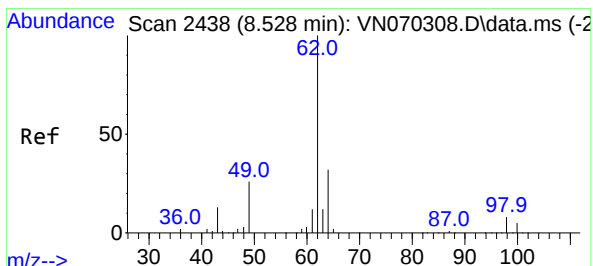
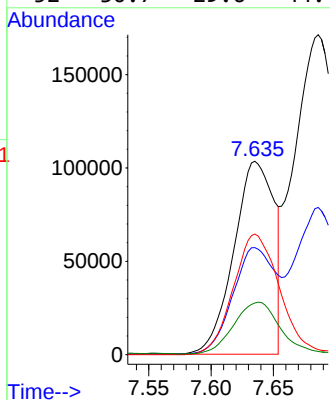
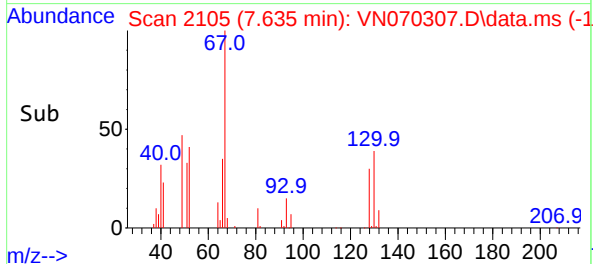
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 231885
Ion Ratio Lower Upper
41 100
39 58.6 48.1 72.1
67 73.2 68.3 102.5
52 30.7 29.6 44.4

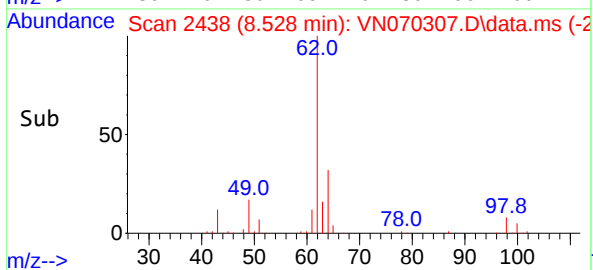
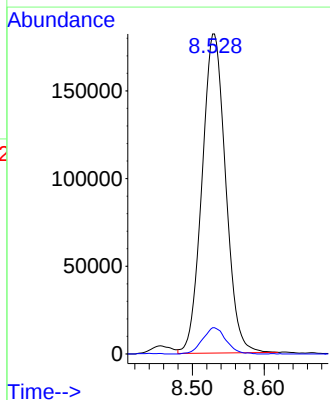
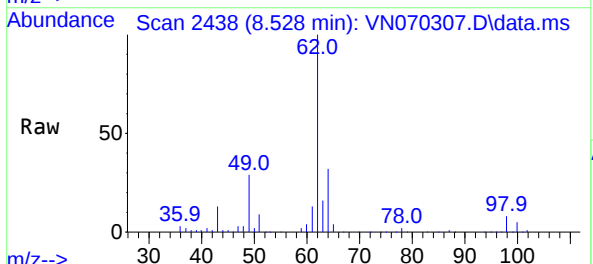
Manual Integrations
APPROVED

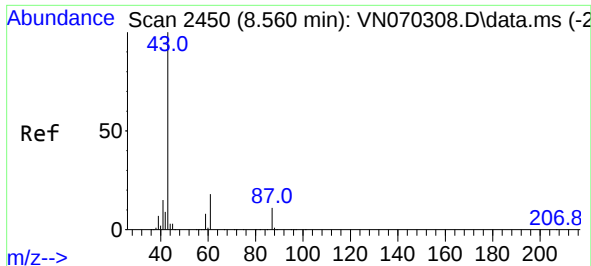
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#42
1,2-Dichloroethane
Concen: 19.53 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Tgt Ion: 62 Resp: 416045
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.6





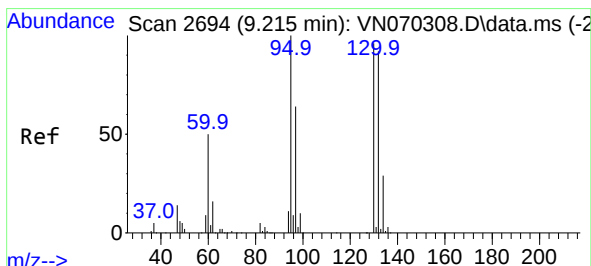
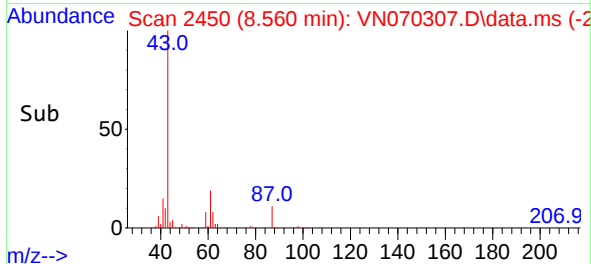
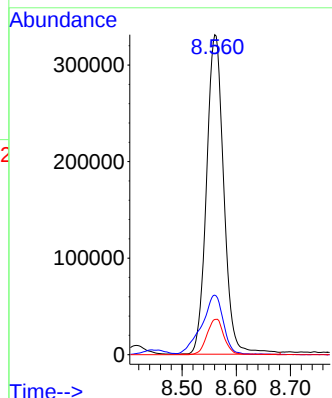
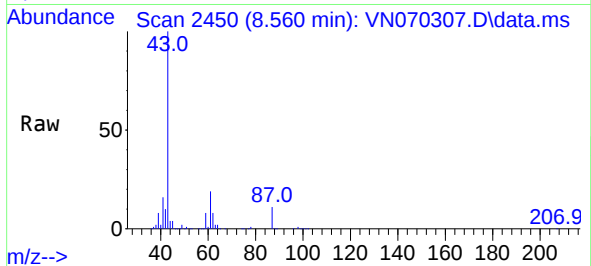
#43
Isopropyl Acetate
Concen: 19.32 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 732954
Ion Ratio Lower Upper
43 100
61 23.1 20.4 30.6
87 11.0 11.2 16.8

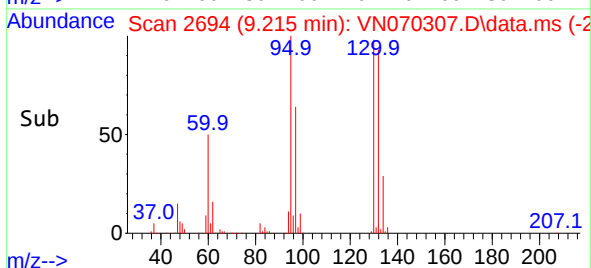
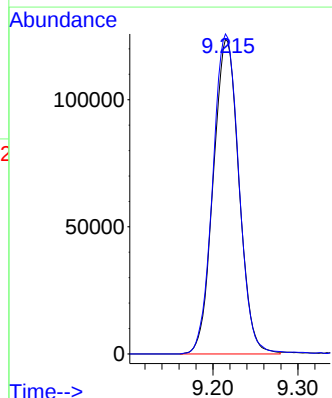
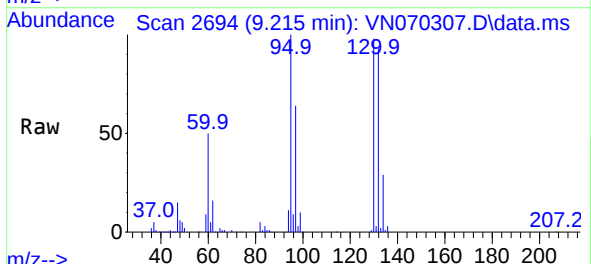
Manual Integrations
APPROVED

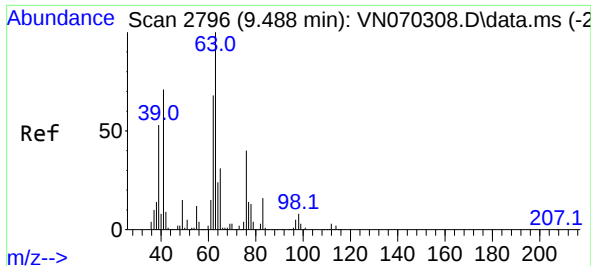
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#44
Trichloroethene
Concen: 20.46 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Tgt Ion:130 Resp: 260047
Ion Ratio Lower Upper
130 100
95 101.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.66 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070307.D

Acq: 27 Dec 2021 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 29756

Ion Ratio Lower Upper

63 100

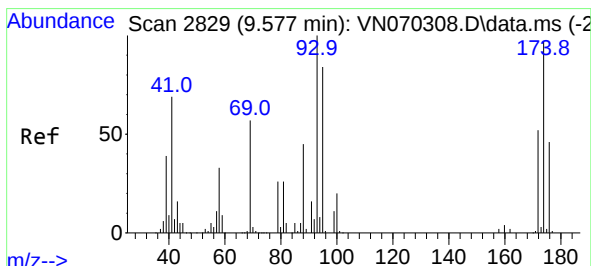
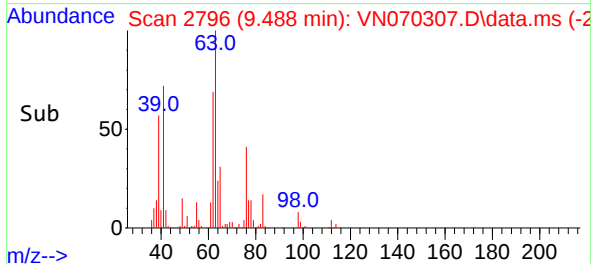
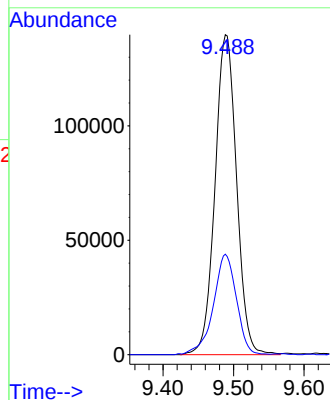
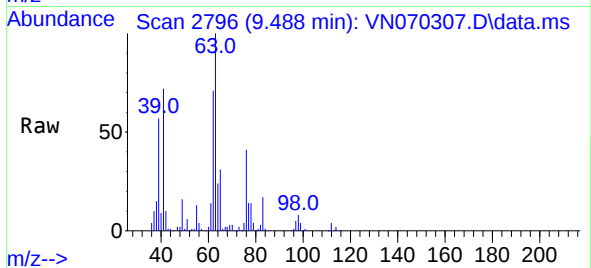
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#46

Dibromomethane

Concen: 19.90 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070307.D

Acq: 27 Dec 2021 11:47

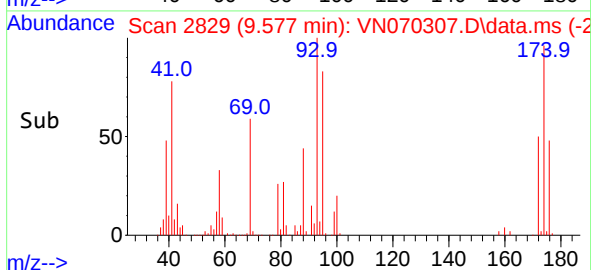
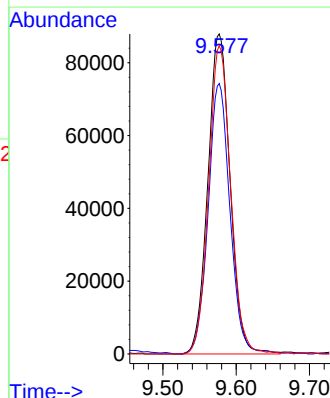
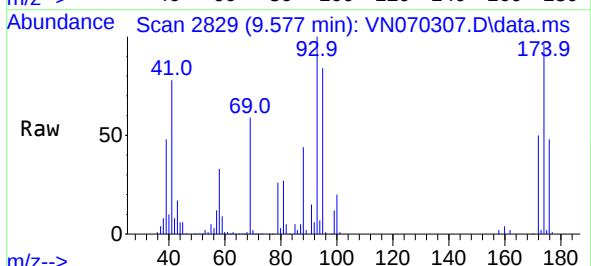
Tgt Ion: 93 Resp: 185722

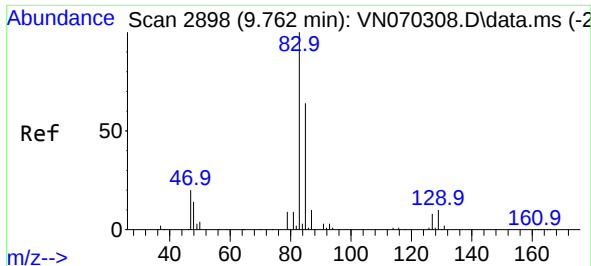
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 94.9 84.6 127.0





#47
Bromodichloromethane
Concen: 20.36 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Instrument :

MSVOA_N

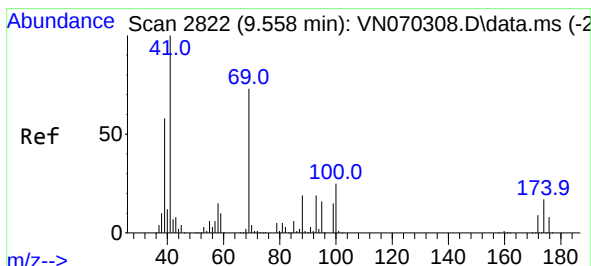
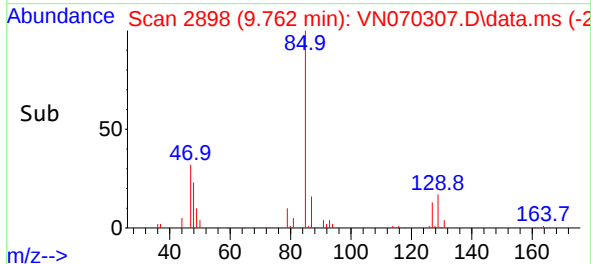
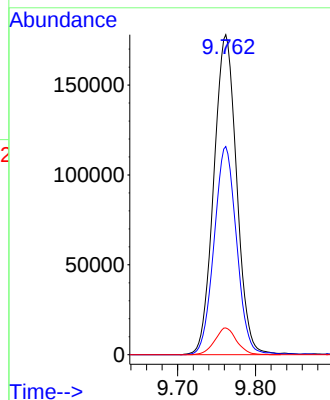
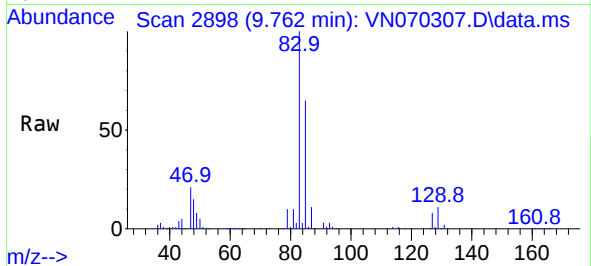
ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 36248
Ion Ratio Lower Upper
83 100
85 65.0 50.9 76.3
127 8.4 7.1 10.7

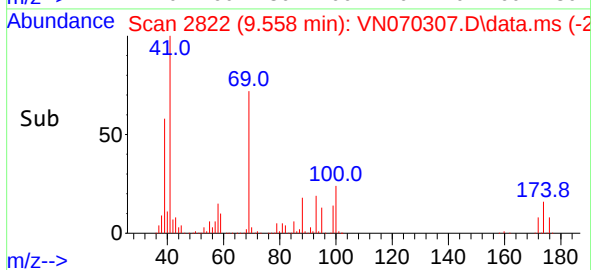
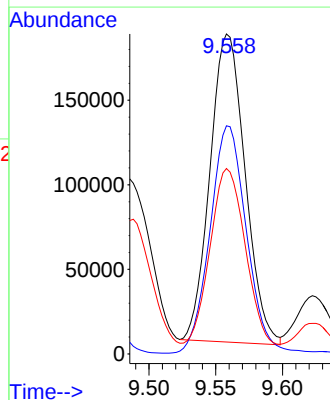
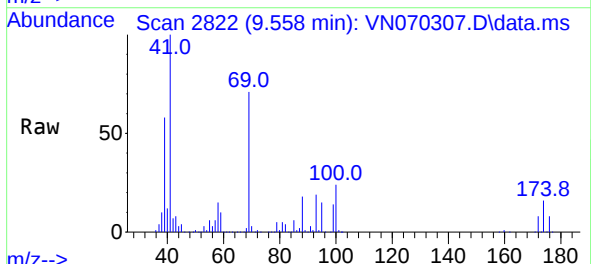
Manual Integrations
APPROVED

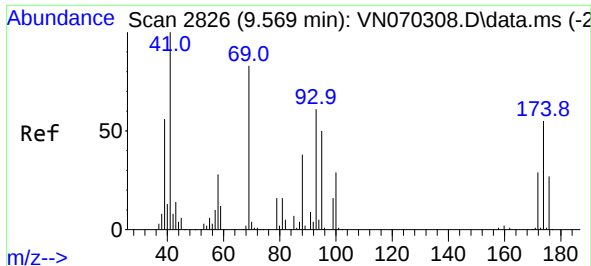
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#48
Methyl methacrylate
Concen: 18.58 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Tgt Ion: 41 Resp: 333729
Ion Ratio Lower Upper
41 100
69 76.6 72.4 108.6
39 57.6 58.4 87.6#





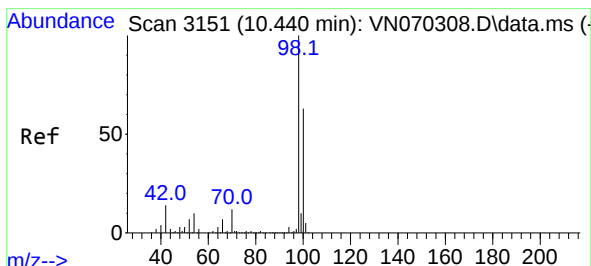
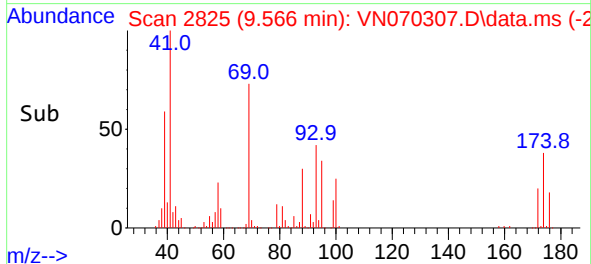
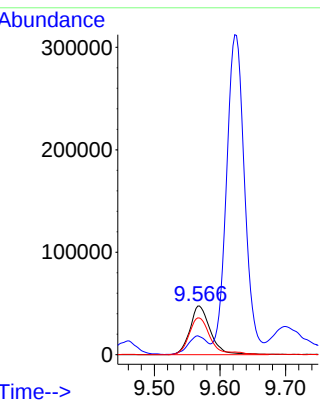
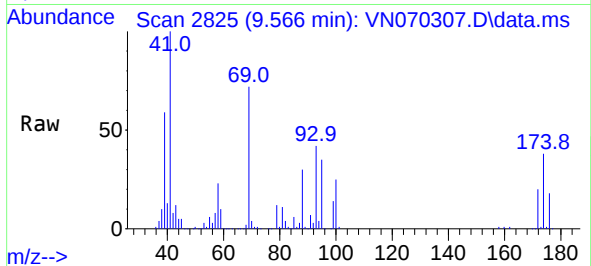
#49
1,4-Dioxane
Concen: 335.86 ug/l
RT: 9.566 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 88 Resp: 103348
Ion Ratio Lower Upper
88 100
43 34.3 23.4 35.2
58 75.9 50.6 75.8

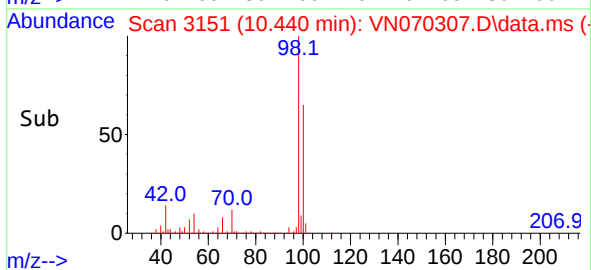
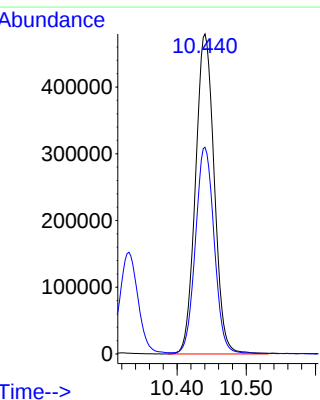
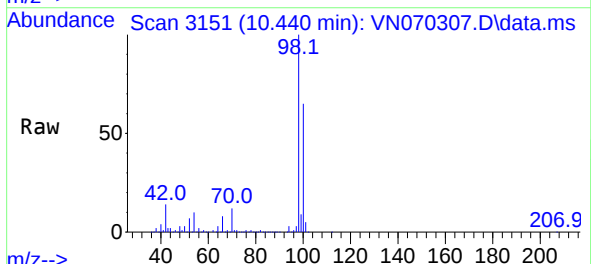
Manual Integrations
APPROVED

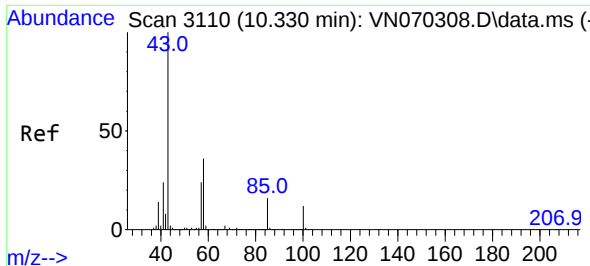
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#50
Toluene-d8
Concen: 19.84 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

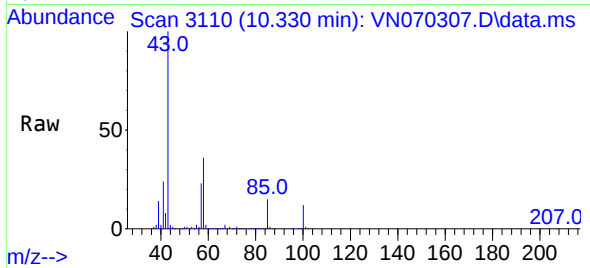
Tgt Ion: 98 Resp: 902478
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 96.24 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

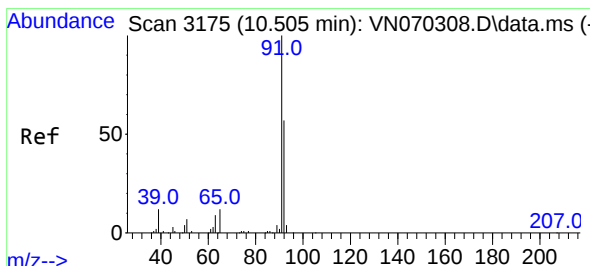
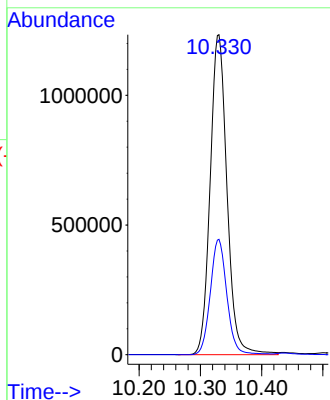
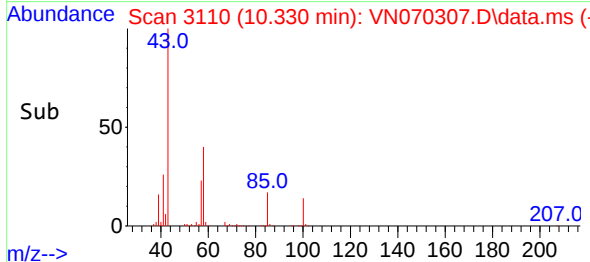
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



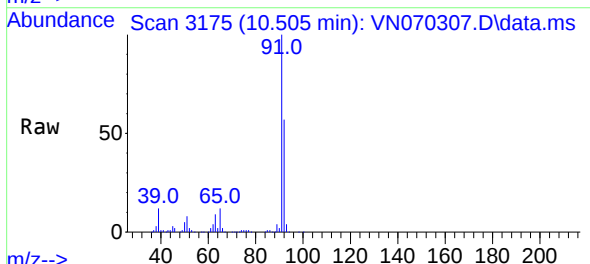
Tgt Ion: 43 Resp: 234856
Ion Ratio Lower Upper
43 100
58 35.5 30.4 45.6

Manual Integrations
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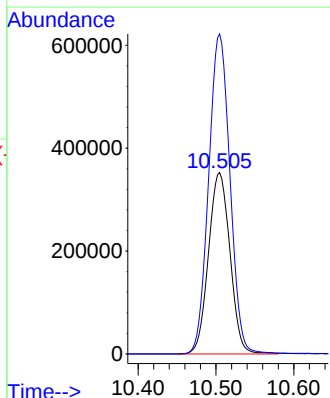
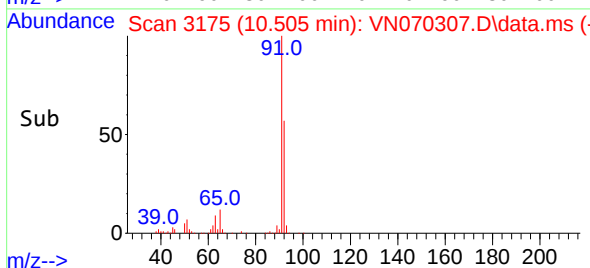
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

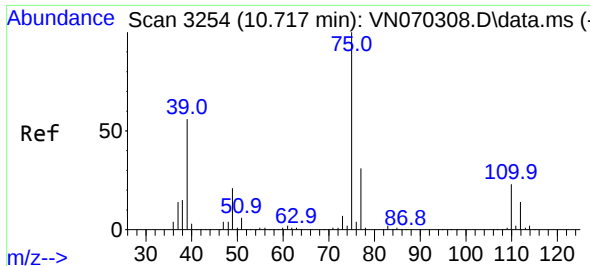


#52
Toluene
Concen: 20.74 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



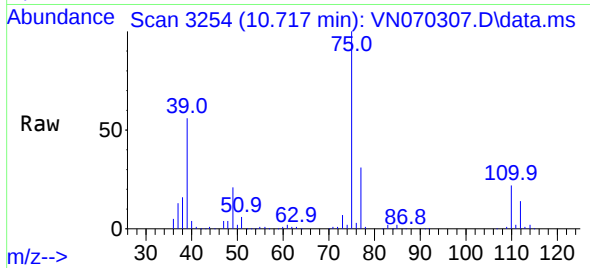
Tgt Ion: 92 Resp: 675833
Ion Ratio Lower Upper
92 100
91 175.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 20.67 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

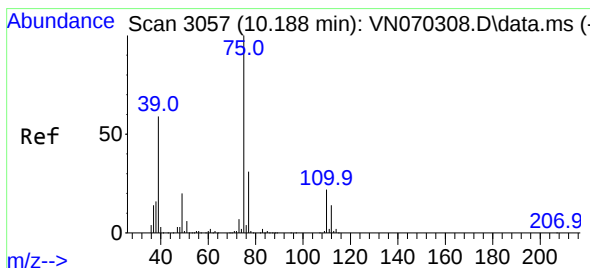
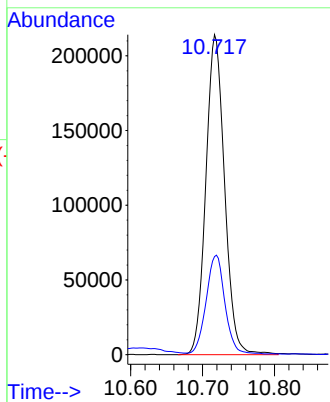
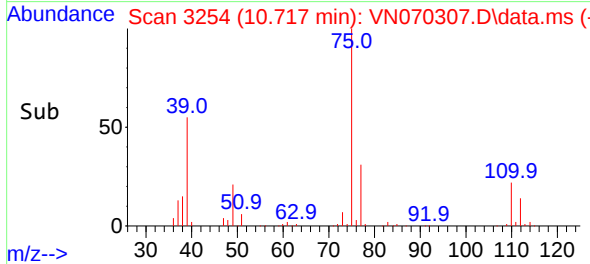
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



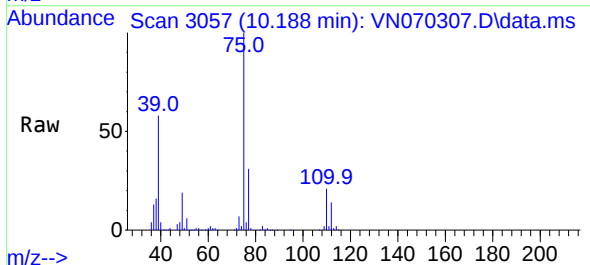
Tgt Ion: 75 Resp: 388240
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4

Manual Integrations
APPROVED

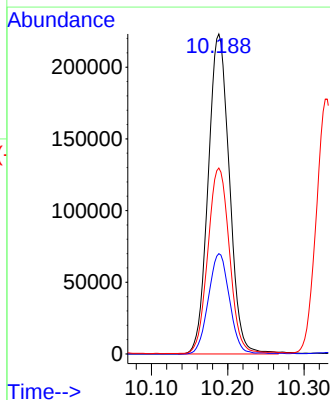
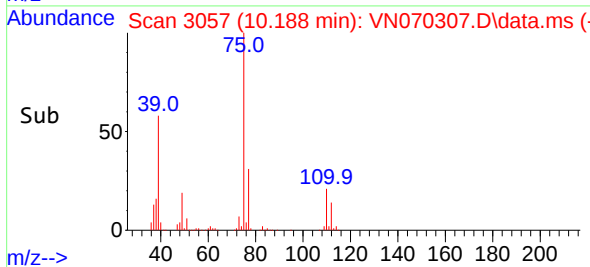
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

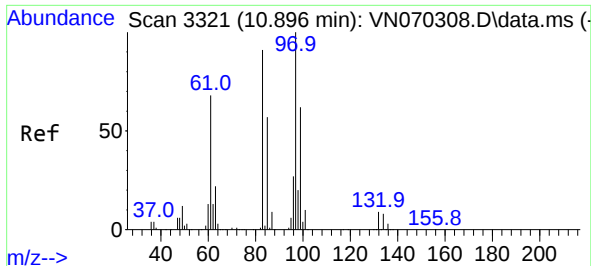


#54
cis-1,3-Dichloropropene
Concen: 21.35 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



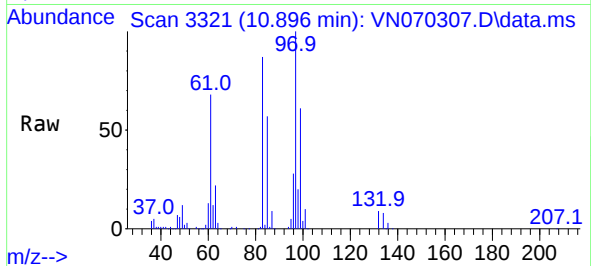
Tgt Ion: 75 Resp: 431278
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 57.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 20.25 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

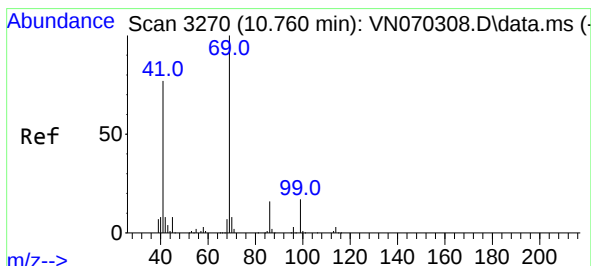
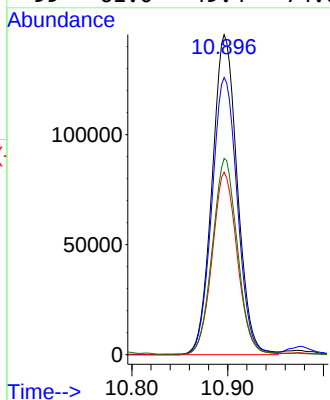
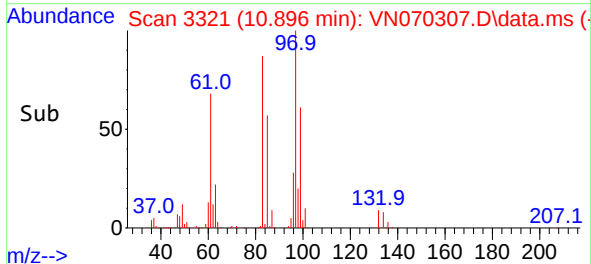


Tgt Ion: 97 Resp: 265064

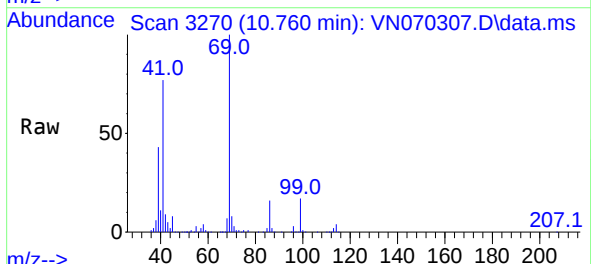
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.8	101.6
85	57.0	45.4	68.2
99	61.0	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

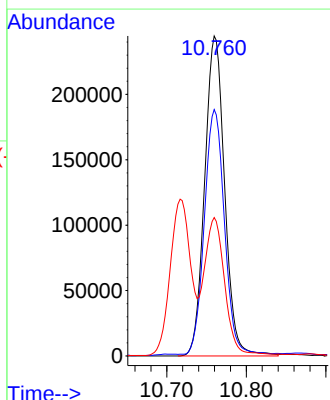
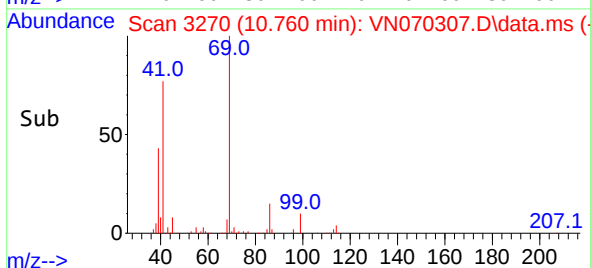


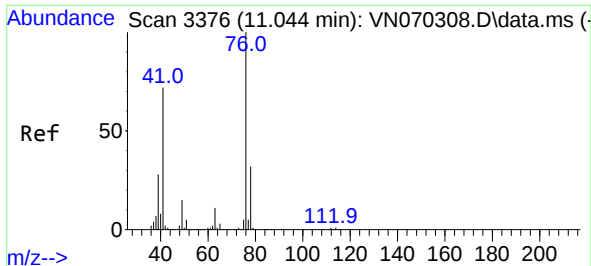
#56
Ethyl methacrylate
Concen: 19.33 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



Tgt Ion: 69 Resp: 427128

Ion	Ratio	Lower	Upper
69	100		
41	76.5	51.4	77.0
39	41.9	34.6	52.0





#57

1,3-Dichloropropane

Concen: 20.21 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070307.D

Acq: 27 Dec 2021 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 466208

Ion Ratio Lower Upper

76 100

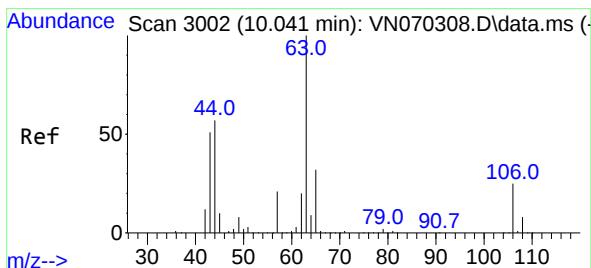
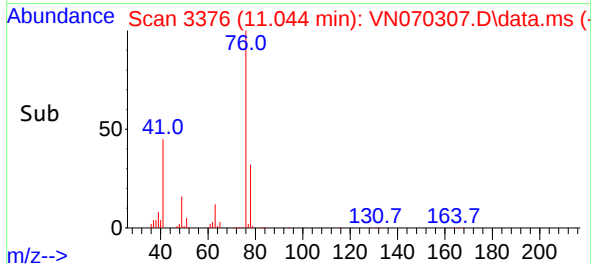
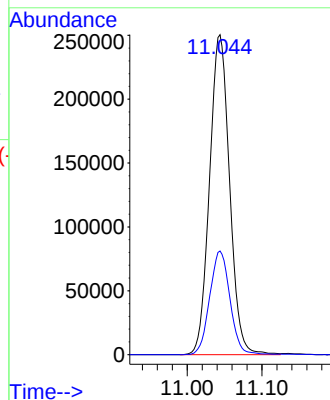
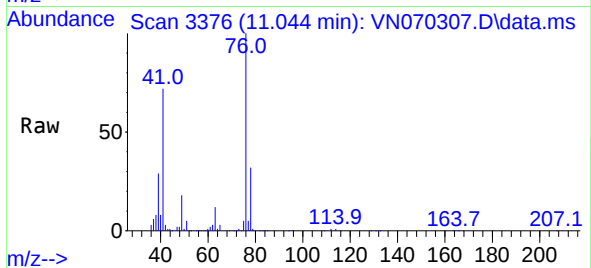
78 32.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#58

2-Chloroethyl Vinyl ether

Concen: 79.04 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.000 min

Lab File: VN070307.D

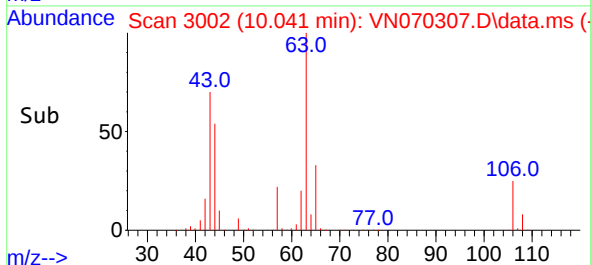
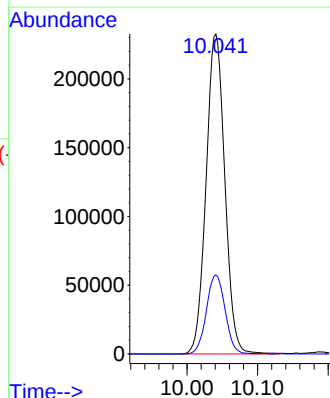
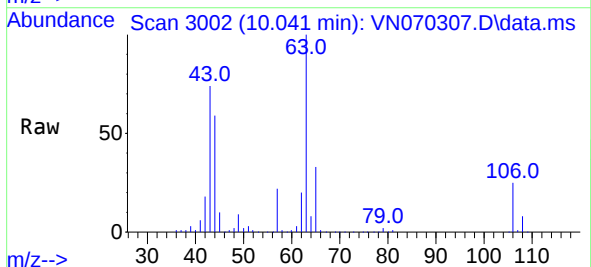
Acq: 27 Dec 2021 11:47

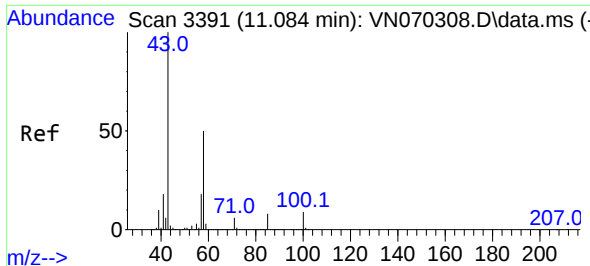
Tgt Ion: 63 Resp: 429839

Ion Ratio Lower Upper

63 100

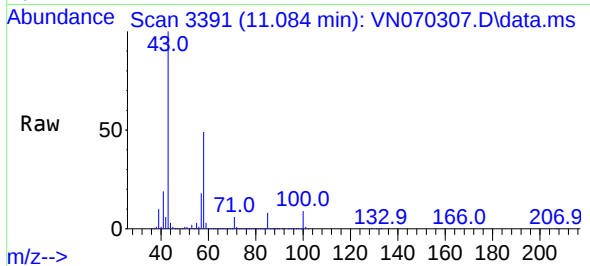
106 24.6 23.9 35.9





#59
2-Hexanone
Concen: 93.66 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

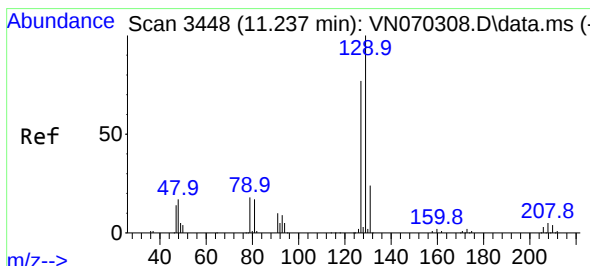
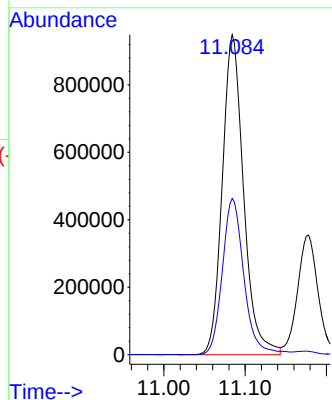
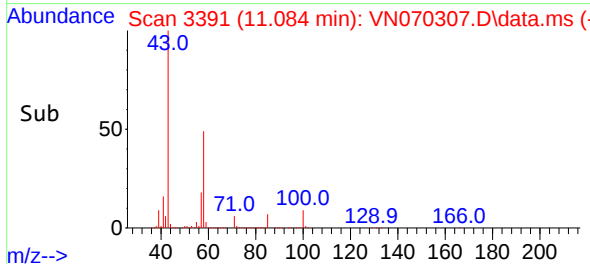
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 172820
Ion Ratio Lower Upper
43 100
58 49.5 26.9 80.7

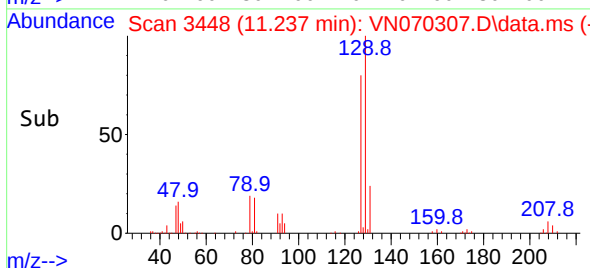
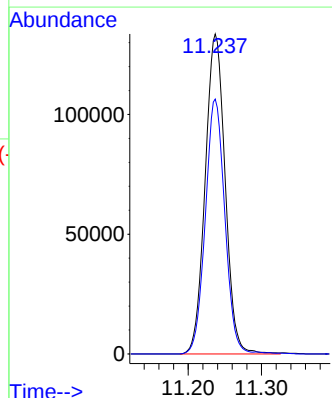
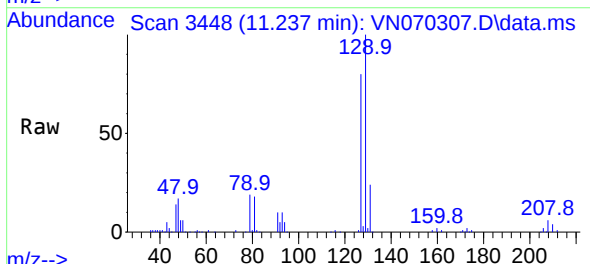
Manual Integrations
APPROVED

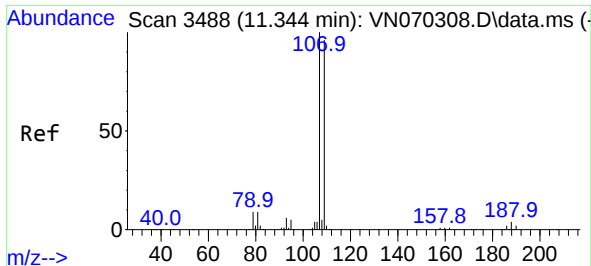
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#60
Dibromochloromethane
Concen: 20.31 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

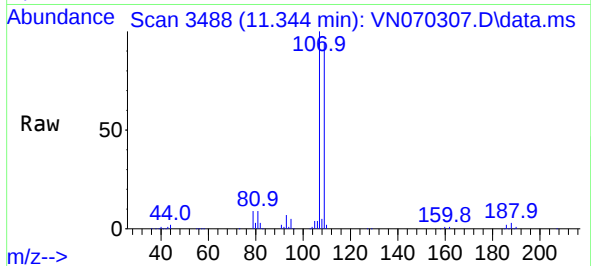
Tgt Ion:129 Resp: 252874
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.75 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

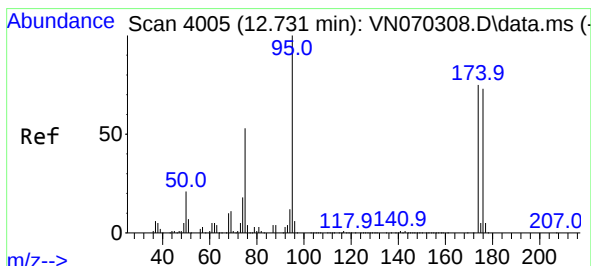
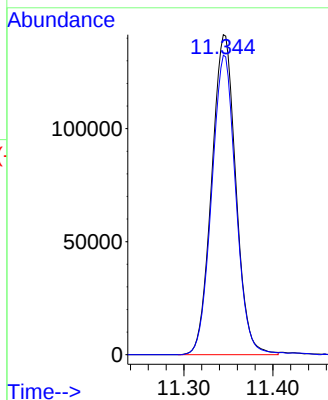
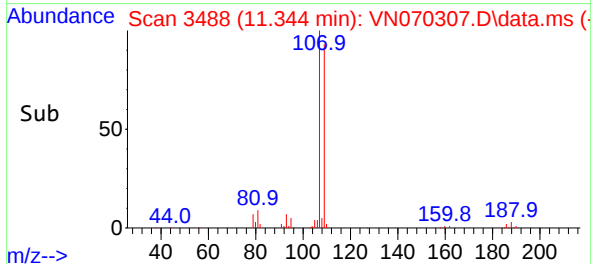
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



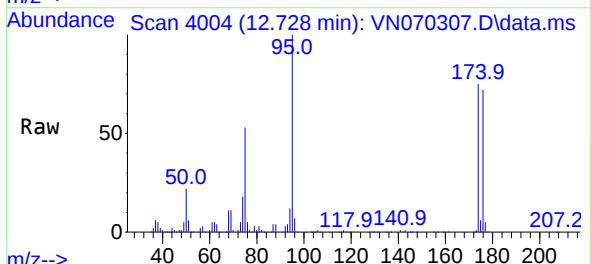
Tgt Ion:107 Resp: 266499
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5

Manual Integrations
APPROVED

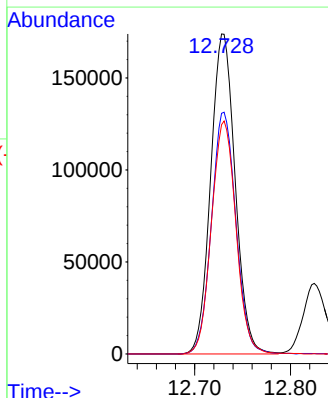
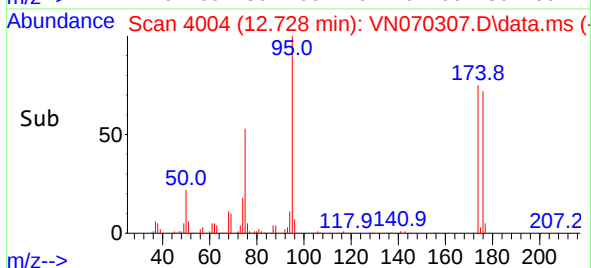
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

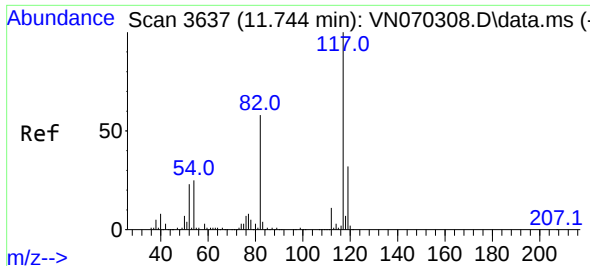


#62
4-Bromofluorobenzene
Concen: 18.60 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



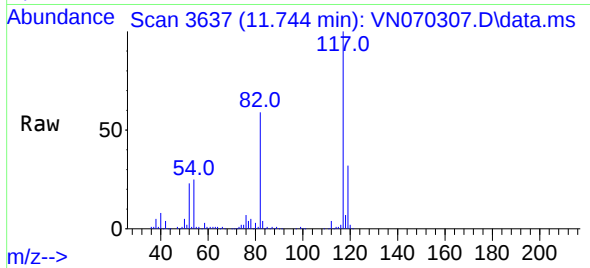
Tgt Ion: 95 Resp: 308291
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

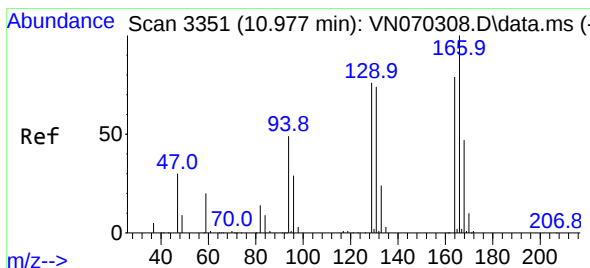
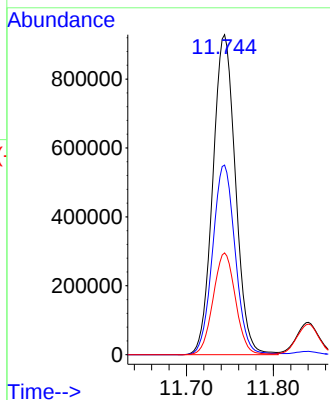
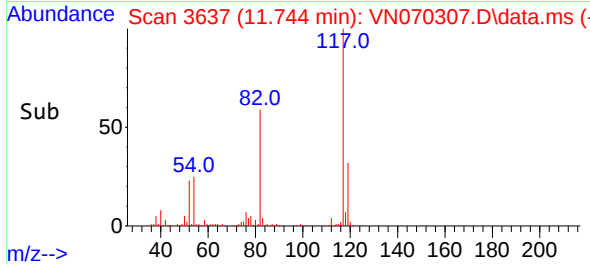
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



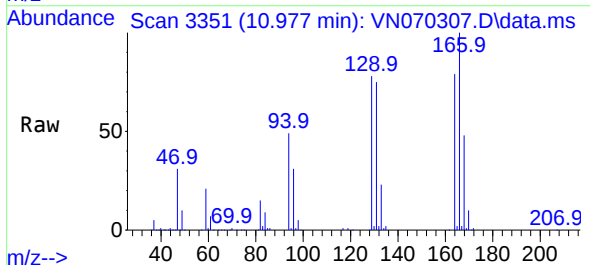
Tgt Ion:117 Resp: 168142
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations
APPROVED

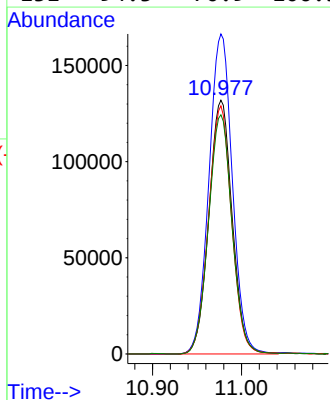
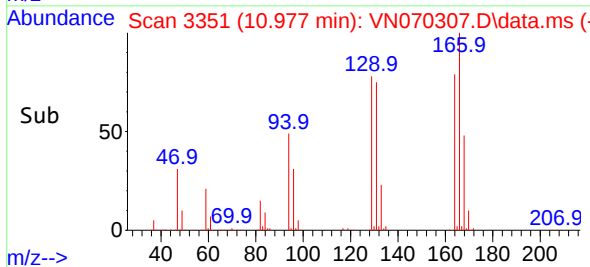
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

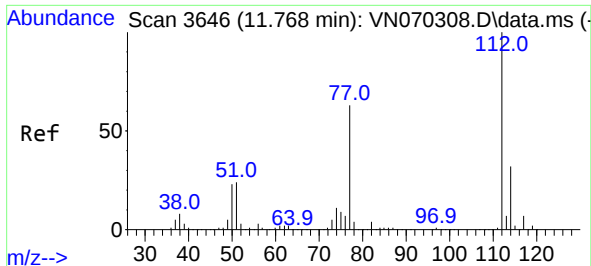


#64
Tetrachloroethene
Concen: 21.19 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



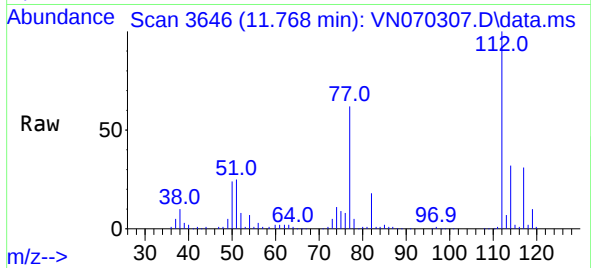
Tgt Ion:164 Resp: 239989
Ion Ratio Lower Upper
164 100
166 126.1 101.9 152.9
129 97.8 72.0 108.0
131 94.3 70.9 106.3





#65
Chlorobenzene
Concen: 20.27 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

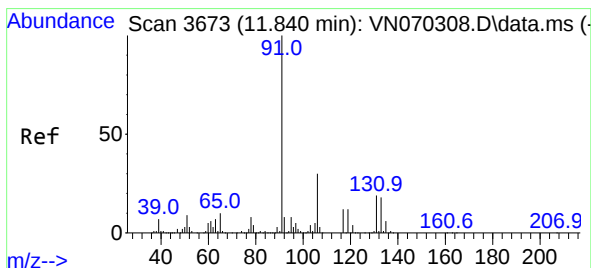
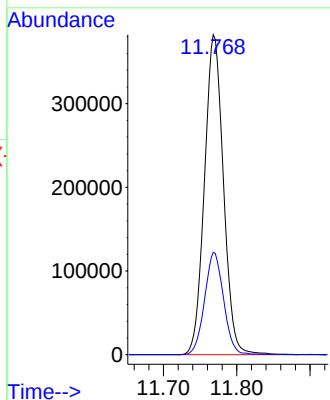
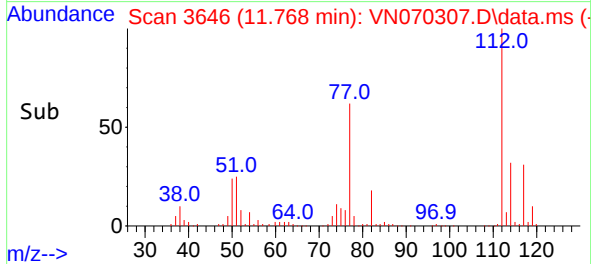
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



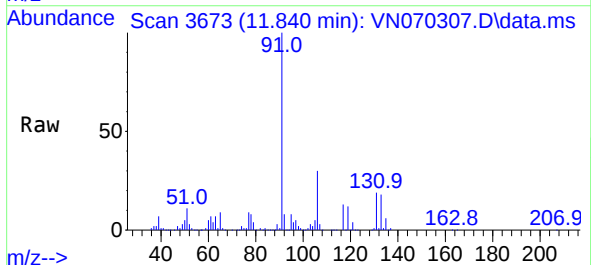
Tgt Ion:112 Resp: 687839
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

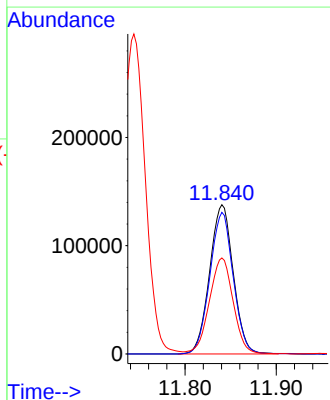
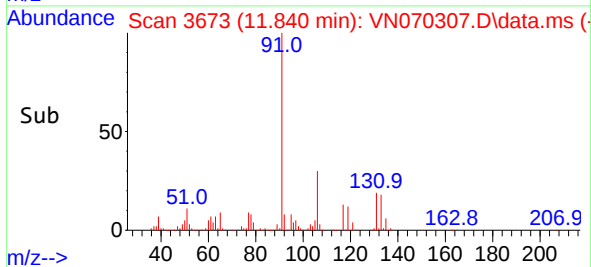
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

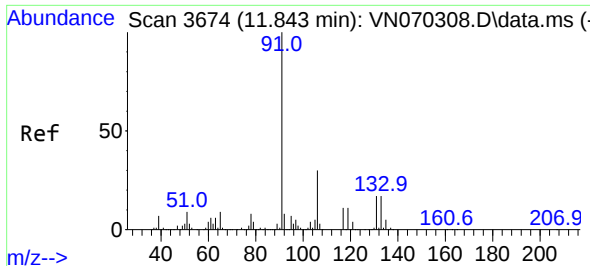


#66
1,1,1,2-Tetrachloroethane
Concen: 20.89 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



Tgt Ion:131 Resp: 248675
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 64.3 32.1 96.5





#67

Ethyl Benzene

Concen: 20.78 ug/l

RT: 11.843 min Scan# 3674

Delta R.T. -0.000 min

Lab File: VN070307.D

Acq: 27 Dec 2021 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 1280270

Ion Ratio Lower Upper

91 100

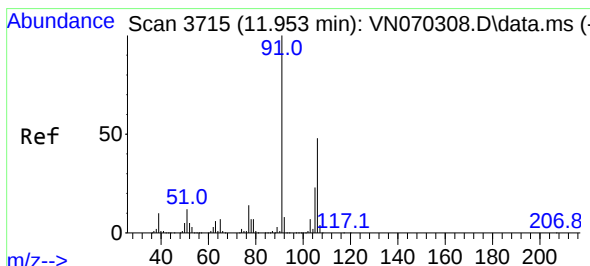
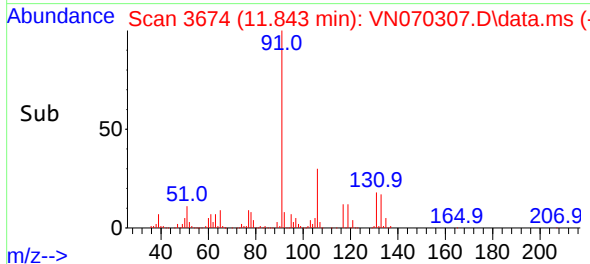
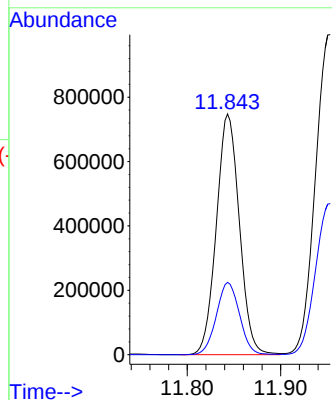
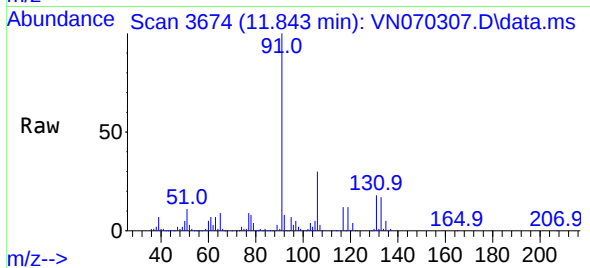
106 30.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#68

m/p-Xylenes

Concen: 42.04 ug/l

RT: 11.953 min Scan# 3715

Delta R.T. -0.000 min

Lab File: VN070307.D

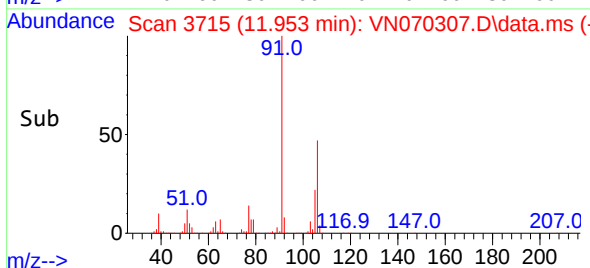
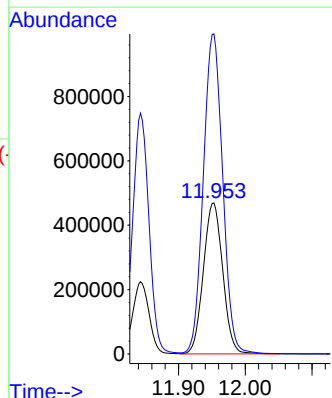
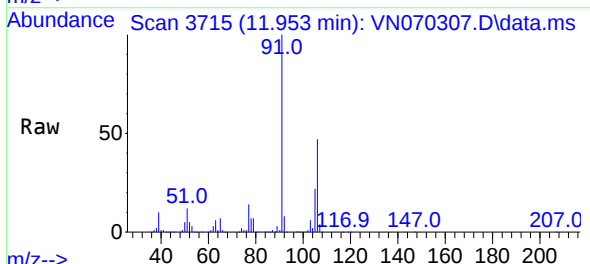
Acq: 27 Dec 2021 11:47

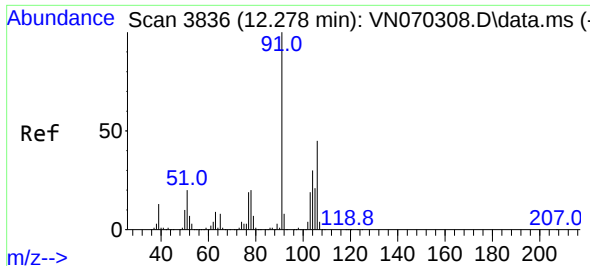
Tgt Ion:106 Resp: 943926

Ion Ratio Lower Upper

106 100

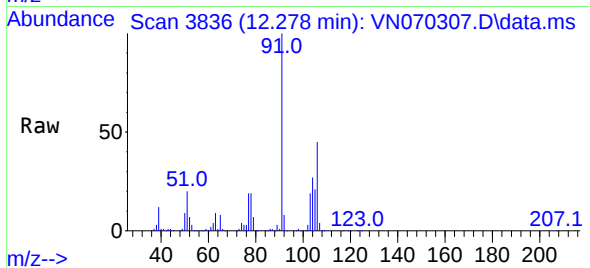
91 212.3 160.6 240.8





#69
o-Xylene
Concen: 20.64 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

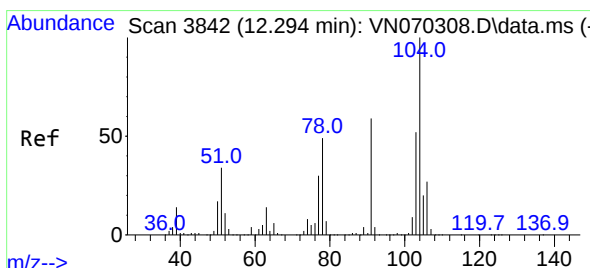
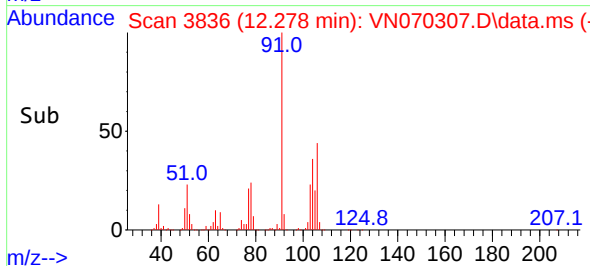
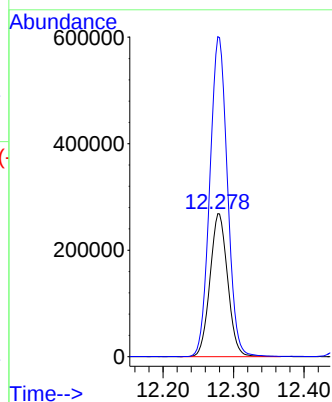
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:106 Resp: 466742
Ion Ratio Lower Upper
106 100
91 223.4 105.8 317.3

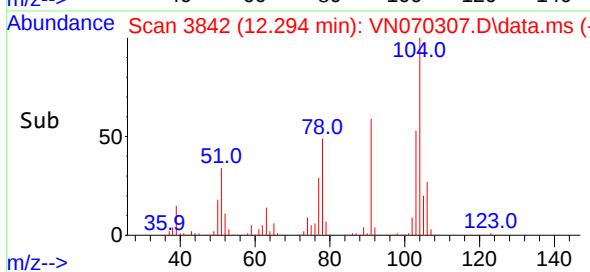
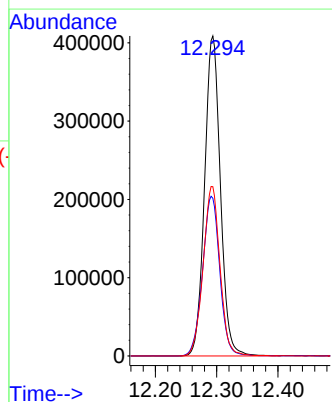
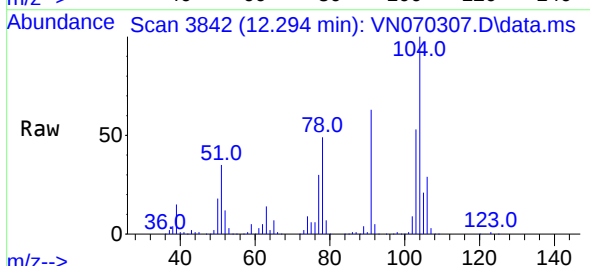
Manual Integrations
APPROVED

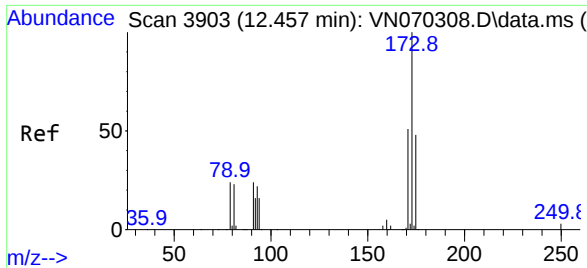
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#70
Styrene
Concen: 20.51 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Tgt Ion:104 Resp: 734815
Ion Ratio Lower Upper
104 100
78 54.3 38.7 58.1
103 56.4 45.0 67.6





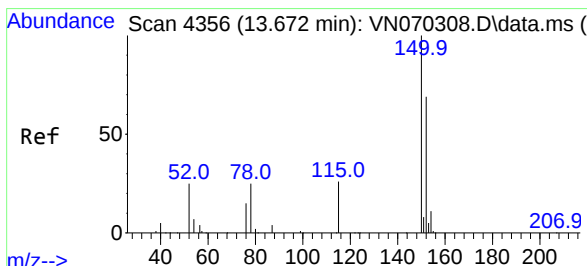
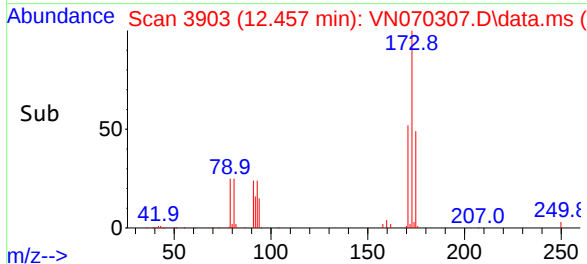
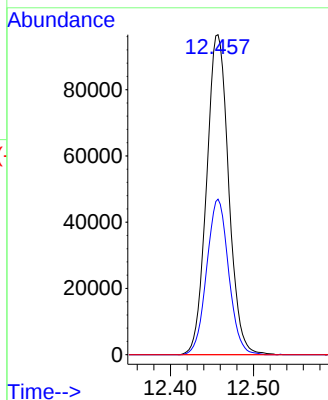
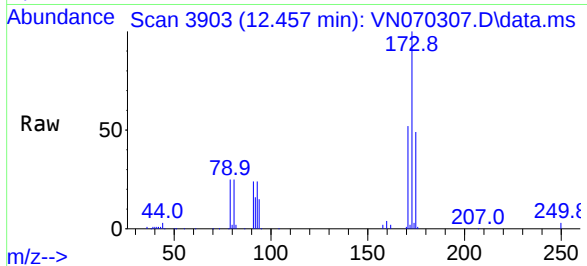
#71
Bromoform
Concen: 20.16 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 178199
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

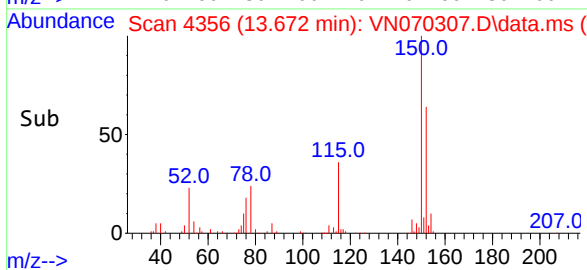
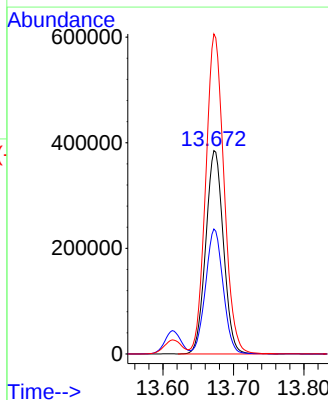
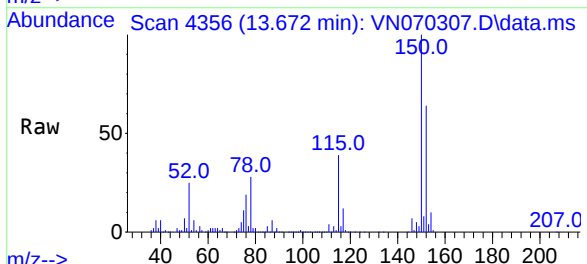
Manual Integrations
APPROVED

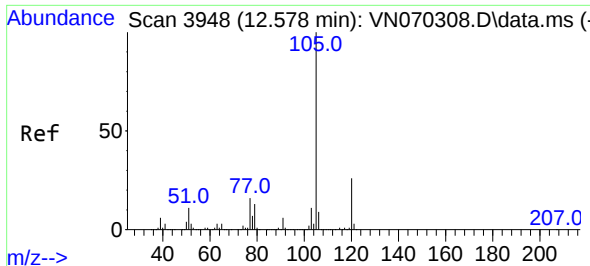
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

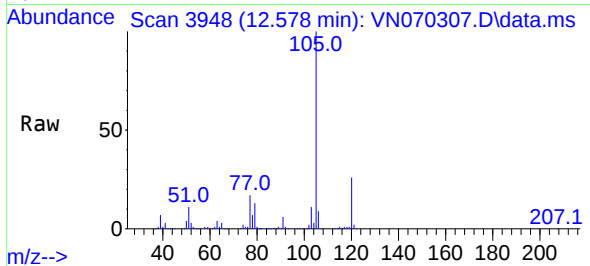
Tgt Ion:152 Resp: 670984
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 162.5 0.0 344.4





#73
Isopropylbenzene
Concen: 20.37 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

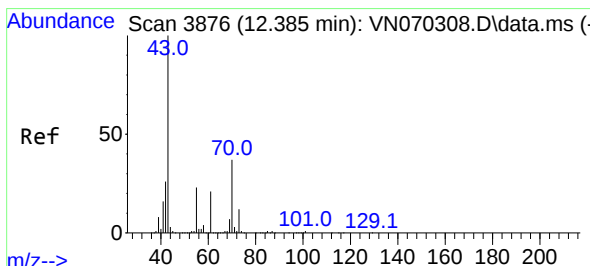
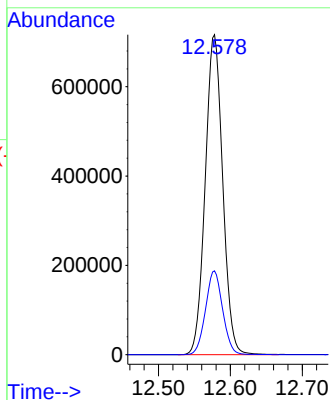
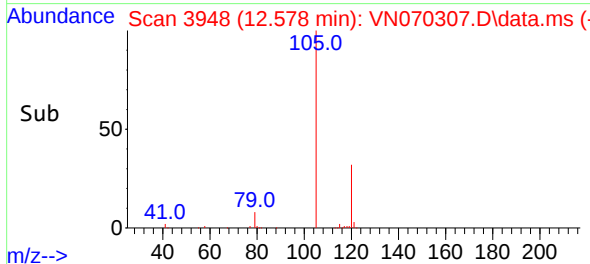
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



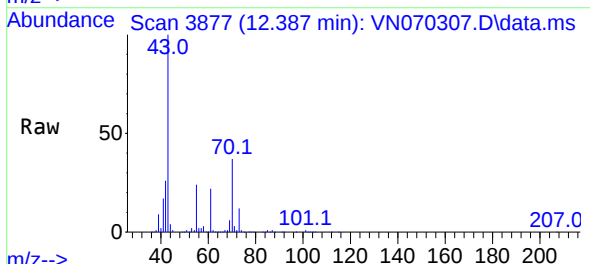
Tgt Ion:105 Resp: 121290
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
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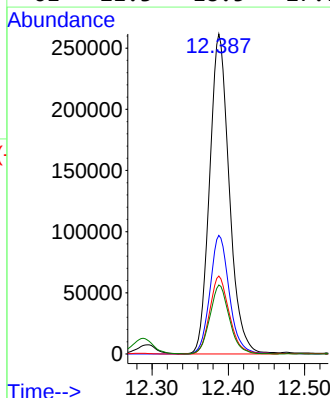
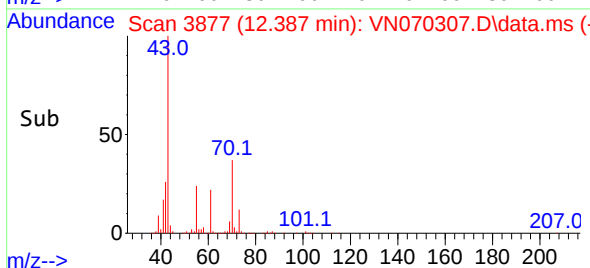
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

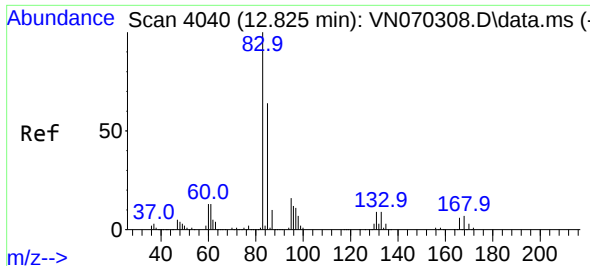


#74
N-ethyl acetate
Concen: 18.04 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



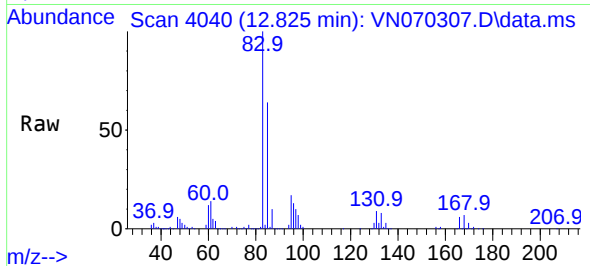
Tgt Ion: 43 Resp: 468300
Ion Ratio Lower Upper
43 100
70 36.5 33.4 50.0
55 24.2 19.3 28.9
61 21.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.77 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

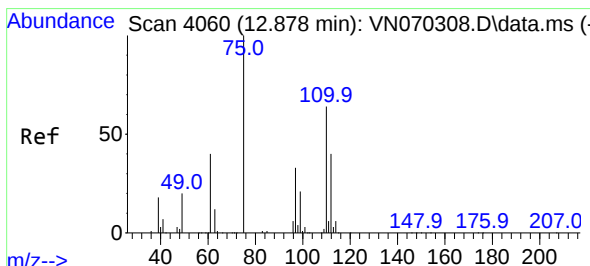
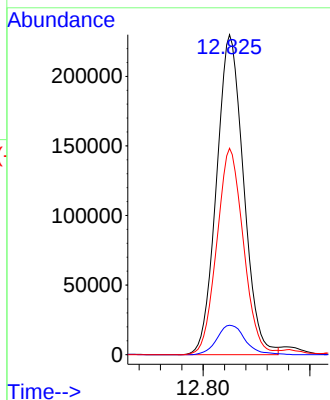
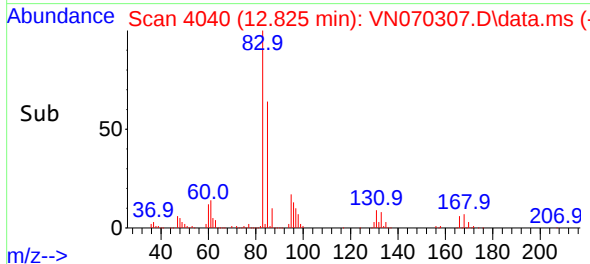
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



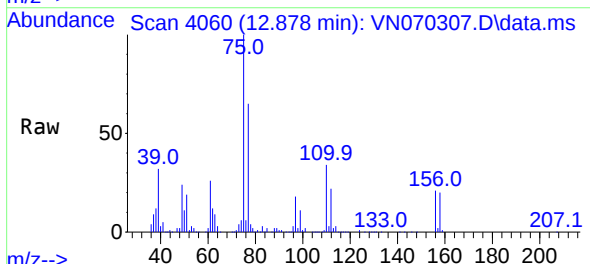
Tgt Ion: 83 Resp: 40400
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 63.7 32.4 97.2

Manual Integrations
APPROVED

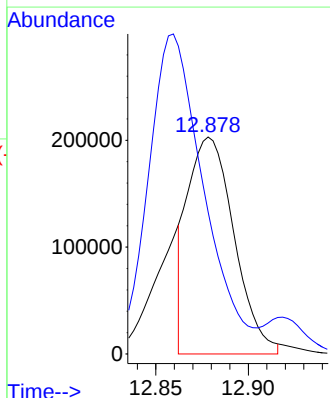
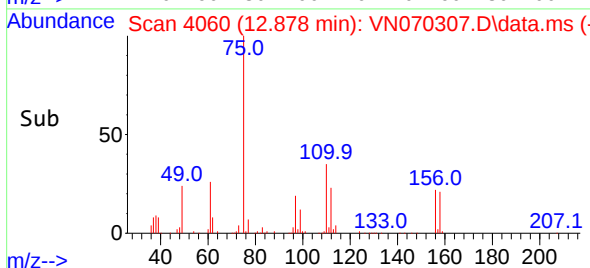
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

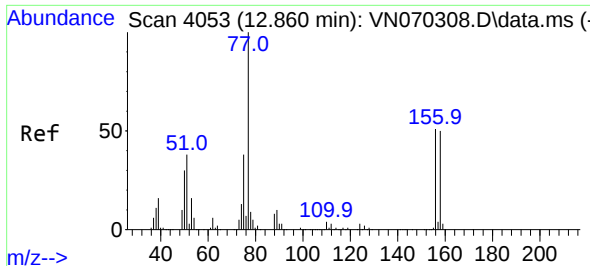


#76
1,2,3-Trichloropropane
Concen: 18.72 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



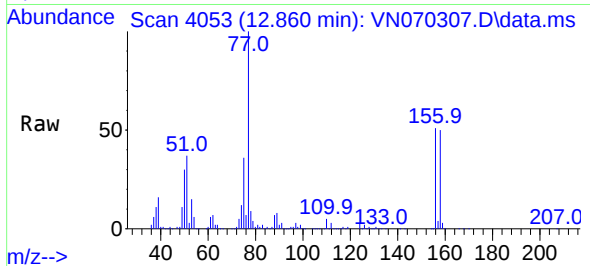
Tgt Ion: 75 Resp: 353220
Ion Ratio Lower Upper
75 100
77 177.6 82.6 247.8





#77
Bromobenzene
Concen: 19.69 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

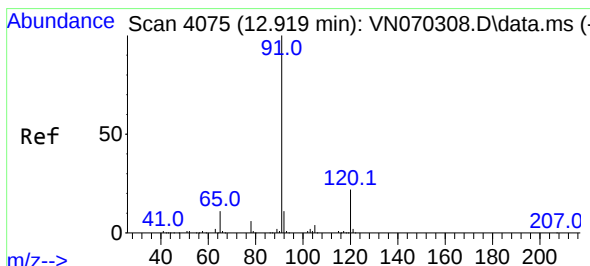
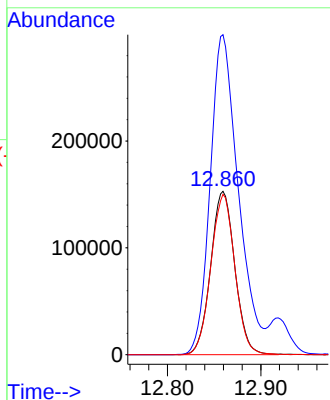
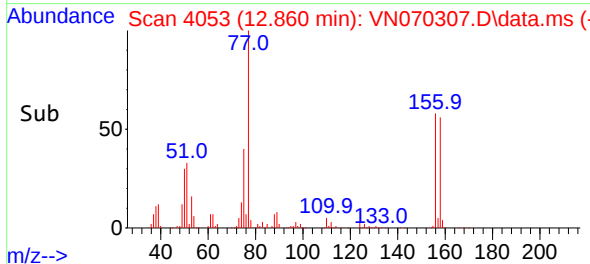
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



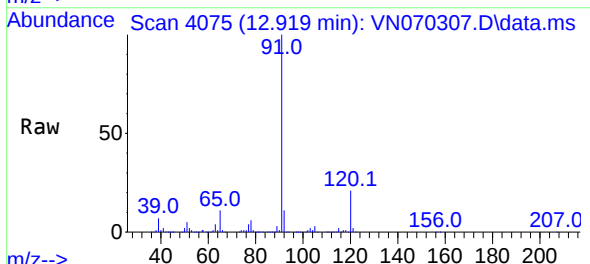
Tgt Ion:156 Resp: 275035
Ion Ratio Lower Upper
156 100
77 228.1 90.6 271.8
158 97.8 48.9 146.7

Manual Integrations
APPROVED

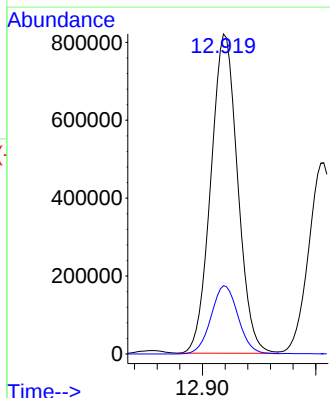
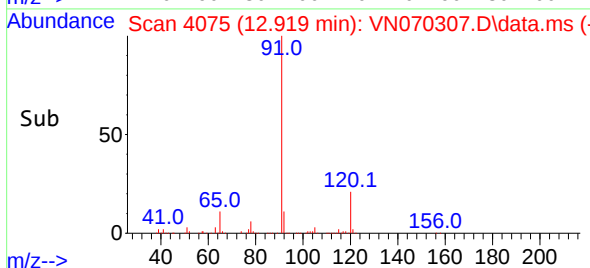
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

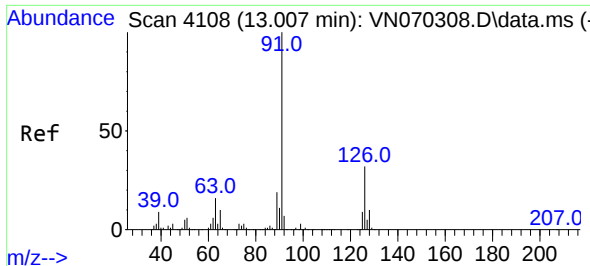


#78
n-propylbenzene
Concen: 20.37 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



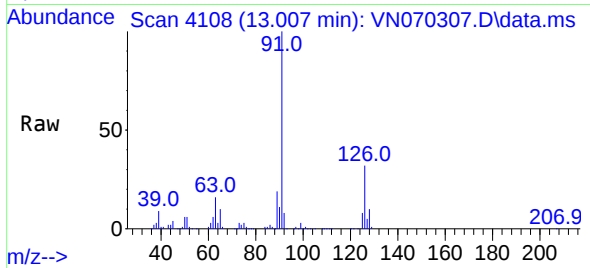
Tgt Ion: 91 Resp: 1347064
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.9





#79
2-Chlorotoluene
Concen: 20.08 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

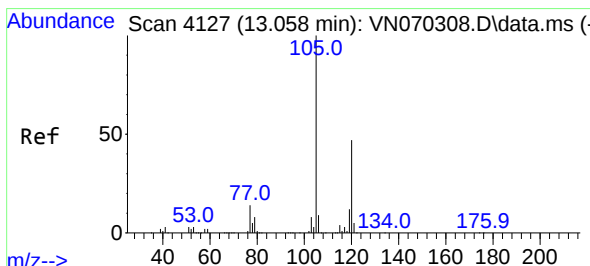
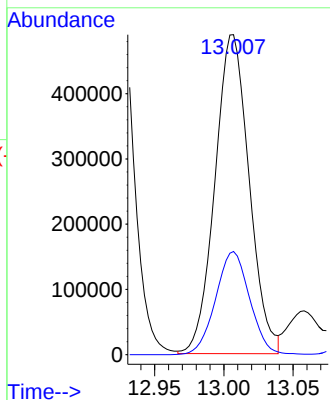
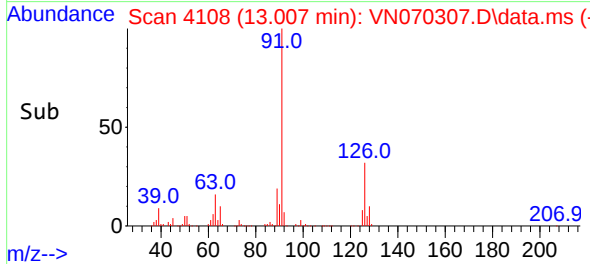
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



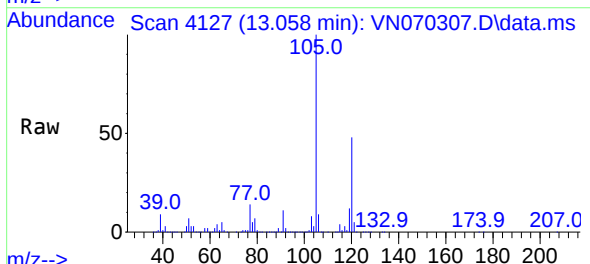
Tgt Ion: 91 Resp: 841139
Ion Ratio Lower Upper
91 100
126 32.2 18.3 54.8

Manual Integrations
APPROVED

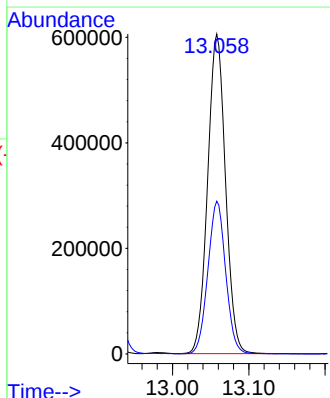
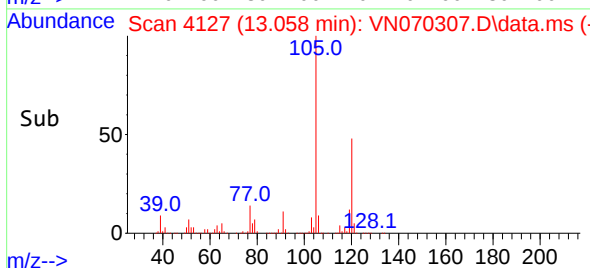
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

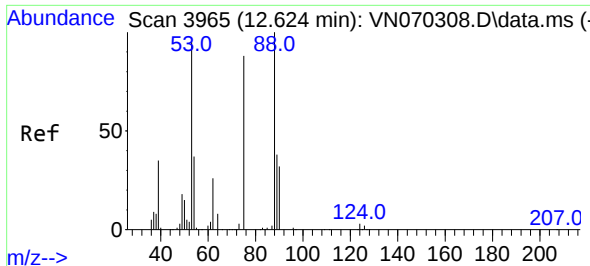


#80
1,3,5-Trimethylbenzene
Concen: 20.55 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



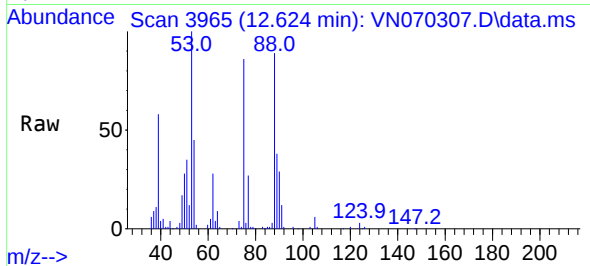
Tgt Ion:105 Resp: 984457
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.22 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

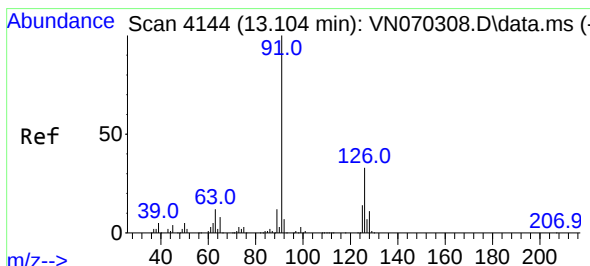
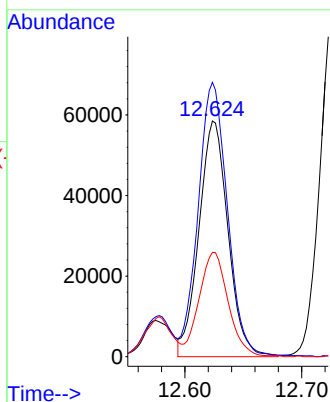
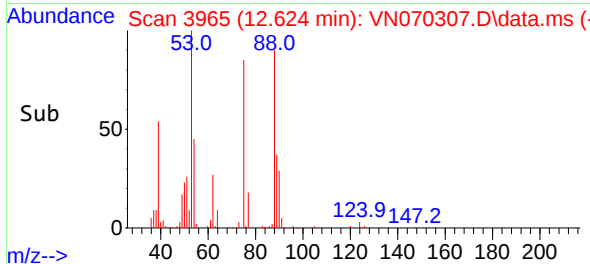
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



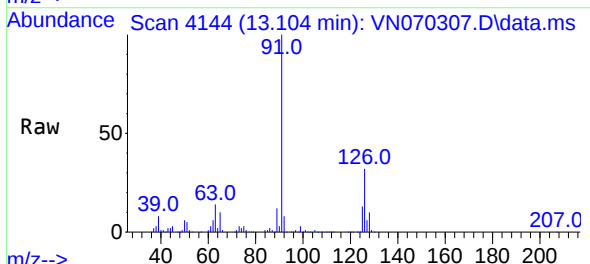
Tgt Ion: 75 Resp: 101240
Ion Ratio Lower Upper
75 100
53 117.4 90.5 135.7
89 43.6 38.2 57.4

Manual Integrations
APPROVED

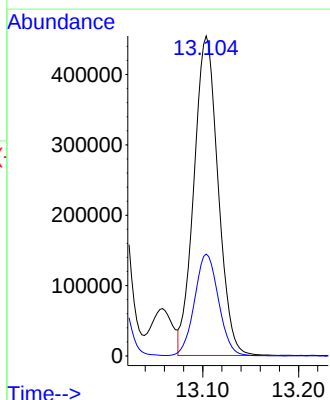
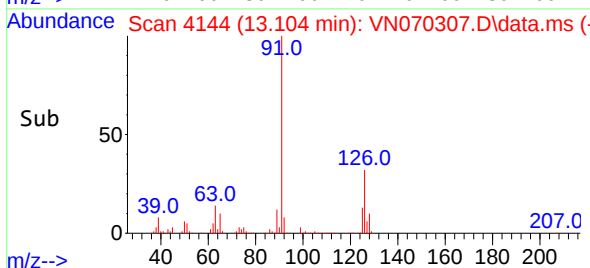
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

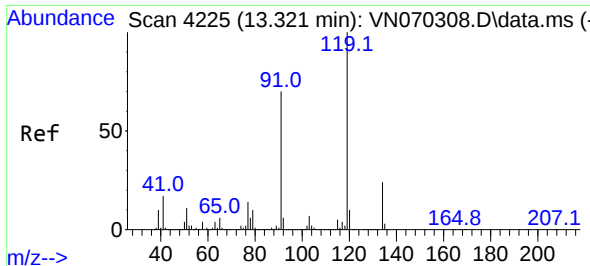


#82
4-Chlorotoluene
Concen: 20.18 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



Tgt Ion: 91 Resp: 794494
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





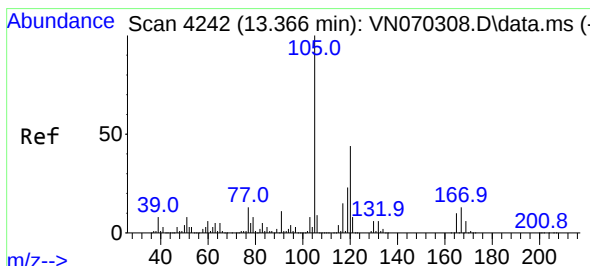
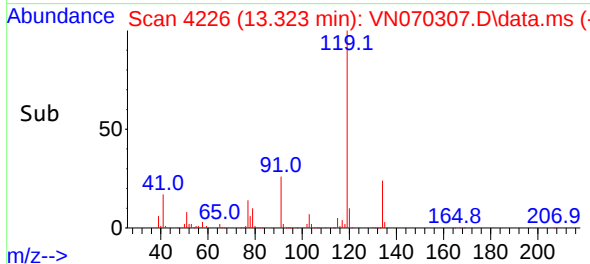
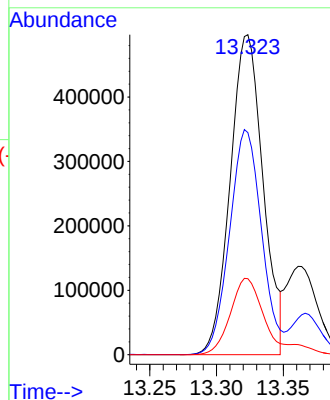
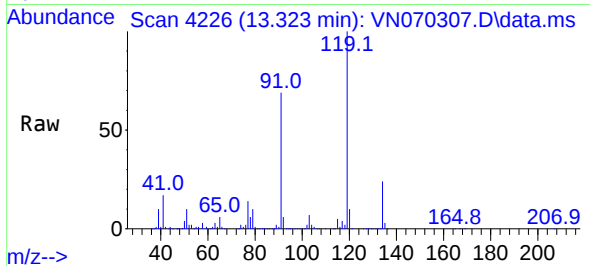
#83
tert-Butylbenzene
Concen: 20.13 ug/l
RT: 13.323 min Scan# 4225
Delta R.T. 0.003 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:119 Resp: 852014
Ion Ratio Lower Upper
119 100
91 68.7 31.5 94.5
134 26.0 12.4 37.4

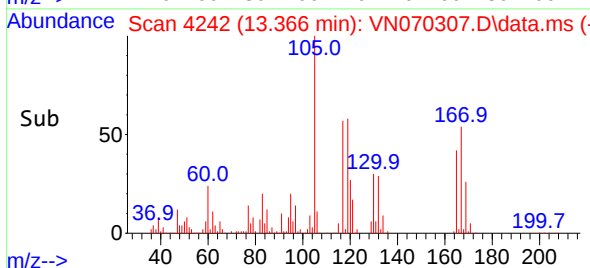
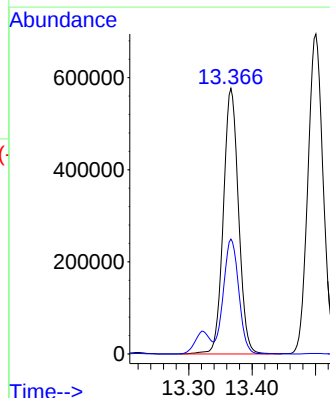
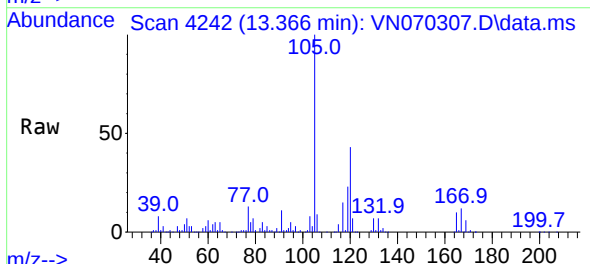
Manual Integrations
APPROVED

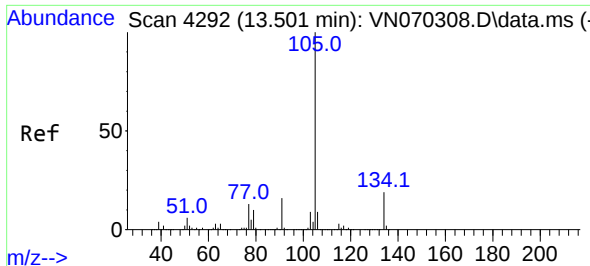
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#84
1,2,4-Trimethylbenzene
Concen: 21.07 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

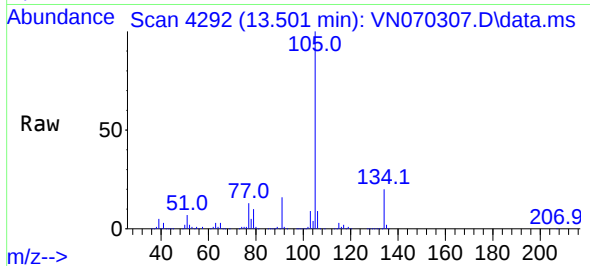
Tgt Ion:105 Resp: 961597
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.19 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN070307.D
 Acq: 27 Dec 2021 11:47

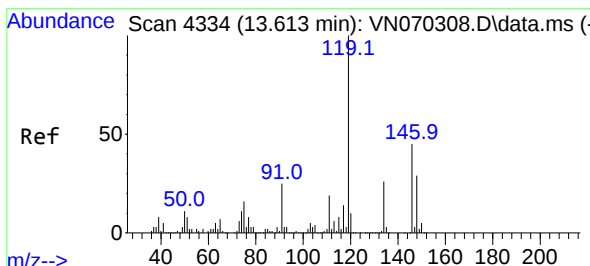
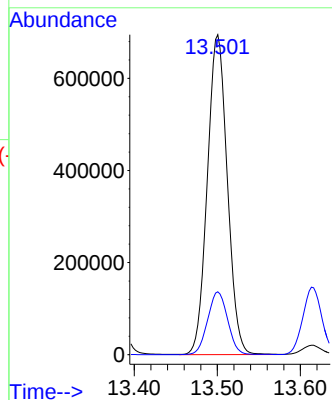
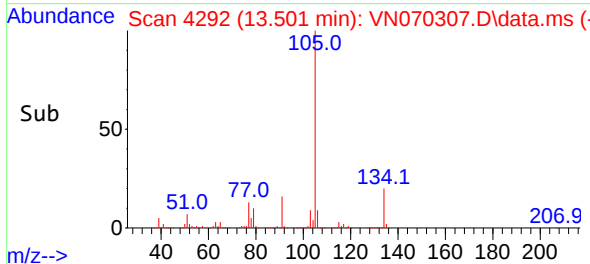
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



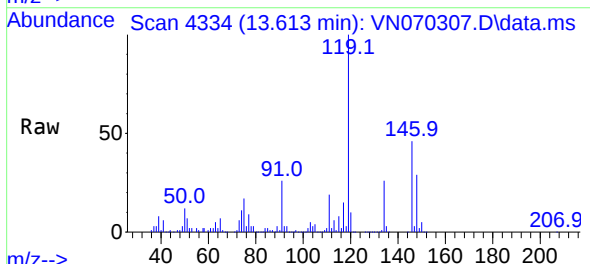
Tgt Ion:105 Resp: 115896
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

Manual Integrations
 APPROVED

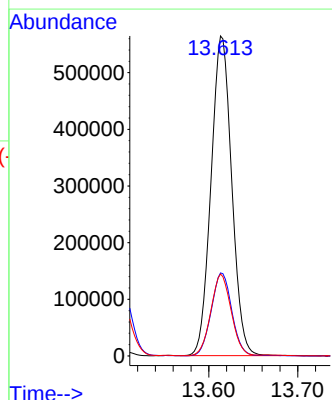
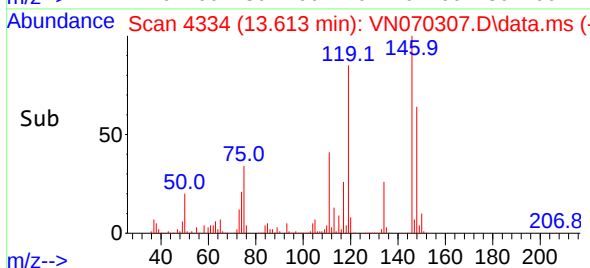
Reviewed By :John Carlone 12/28/2021
 Supervised By :Semsettin Yesilyurt 12/30/2021

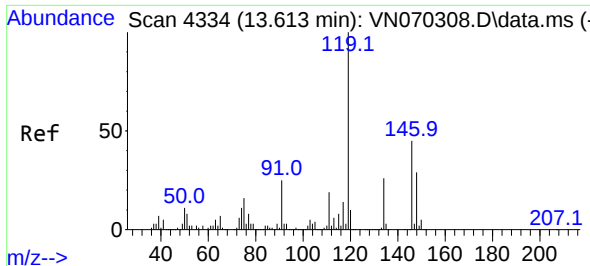


#86
 p-Isopropyltoluene
 Concen: 20.25 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.000 min
 Lab File: VN070307.D
 Acq: 27 Dec 2021 11:47



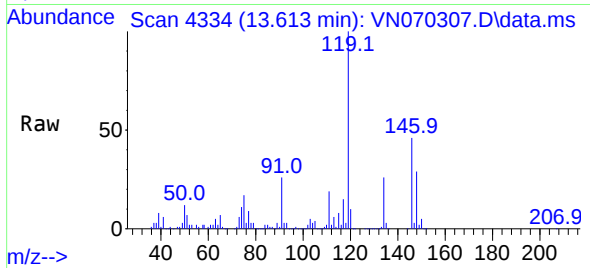
Tgt Ion:119 Resp: 910024
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.97 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

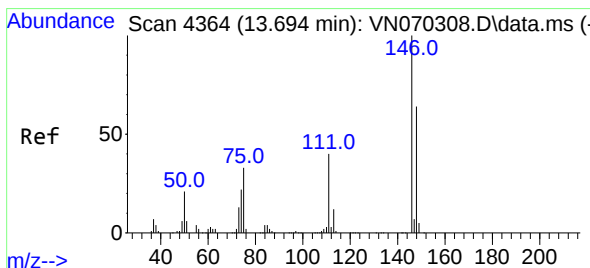
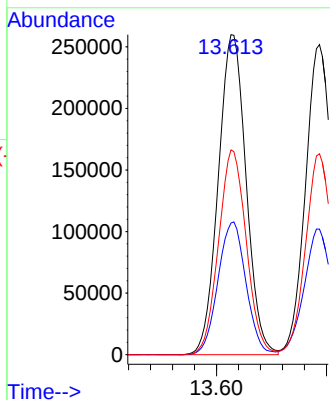
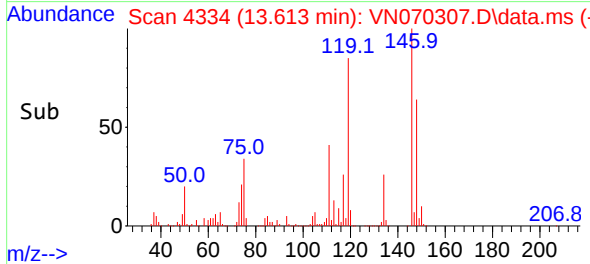
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



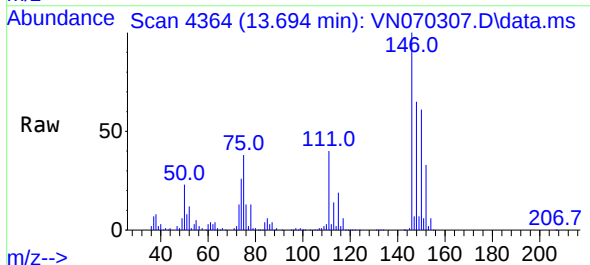
Tgt Ion:146 Resp: 45716
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
APPROVED

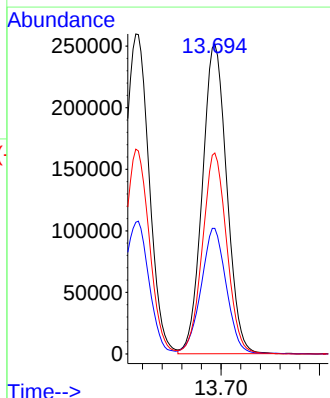
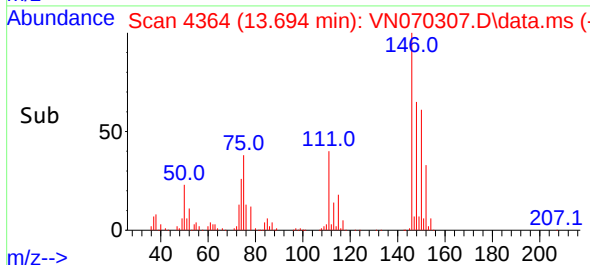
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

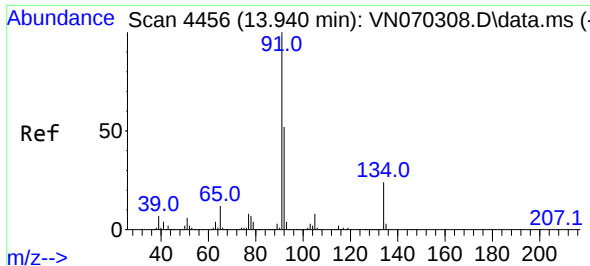


#88
1,4-Dichlorobenzene
Concen: 19.30 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



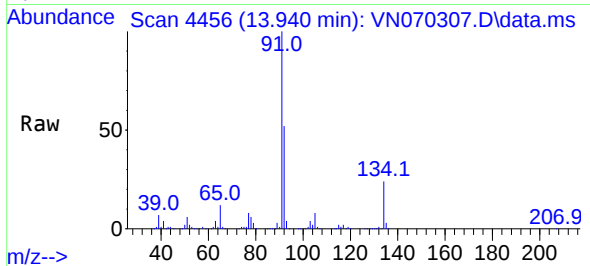
Tgt Ion:146 Resp: 434597
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 64.7 31.8 95.4





#89
n-Butylbenzene
Concen: 19.19 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

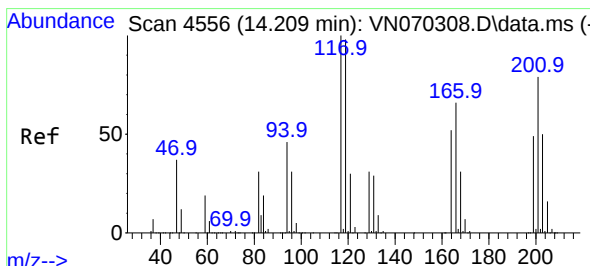
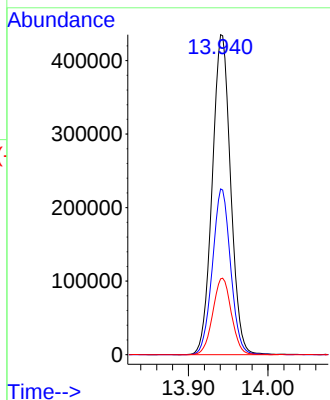
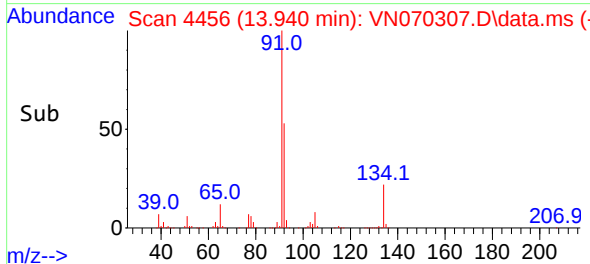
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



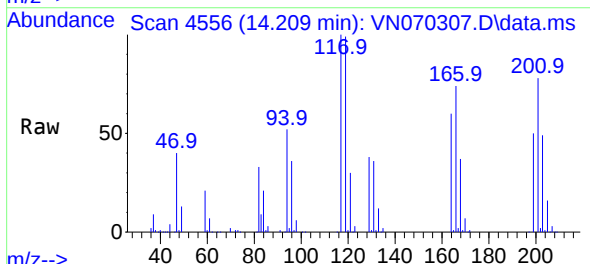
Tgt Ion: 91 Resp: 699698
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 24.2 13.6 40.8

Manual Integrations
APPROVED

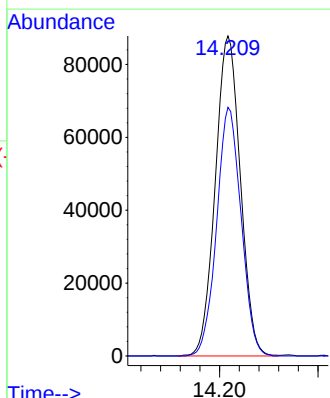
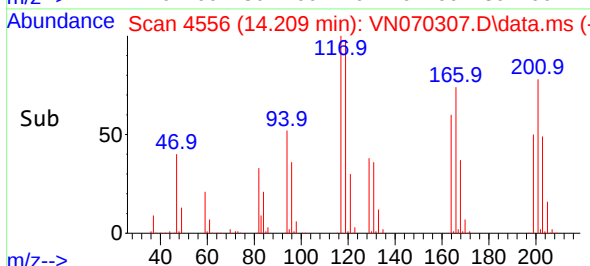
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

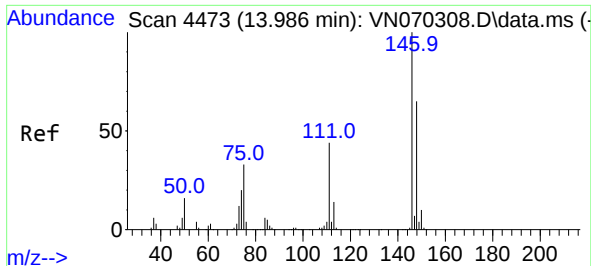


#90
Hexachloroethane
Concen: 19.81 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



Tgt Ion:117 Resp: 155763
Ion Ratio Lower Upper
117 100
201 75.7 43.9 131.6





#91

1,2-Dichlorobenzene

Concen: 20.03 ug/l

RT: 13.989 min Scan# 4473

Delta R.T. 0.003 min

Lab File: VN070307.D

Acq: 27 Dec 2021 11:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:146 Resp: 446429

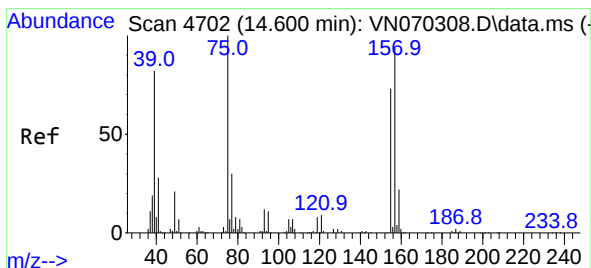
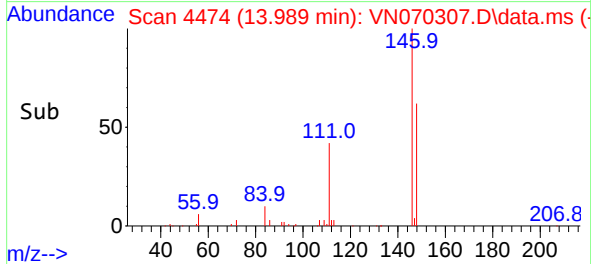
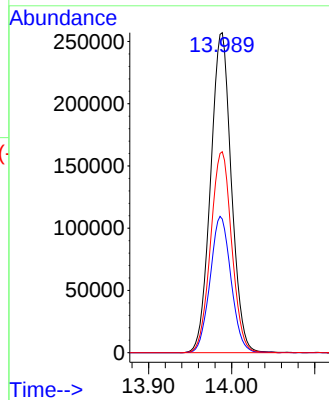
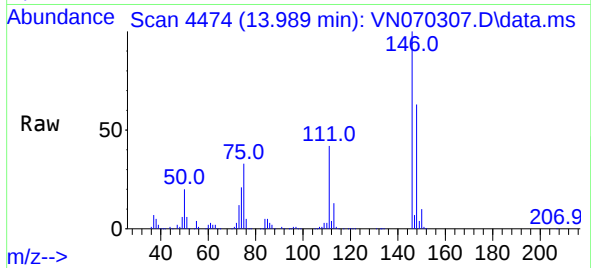
Ion	Ratio	Lower	Upper
146	100		
111	42.9	19.1	57.3
148	64.0	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.24 ug/l

RT: 14.603 min Scan# 4703

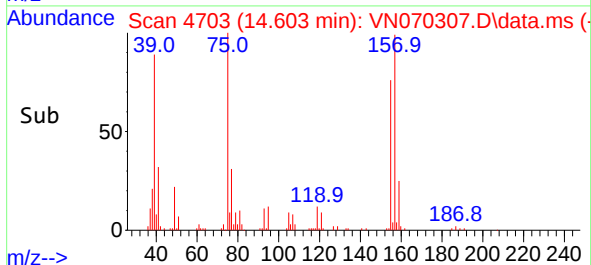
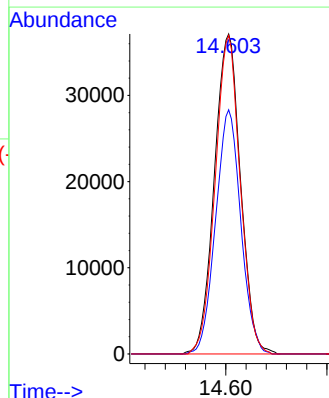
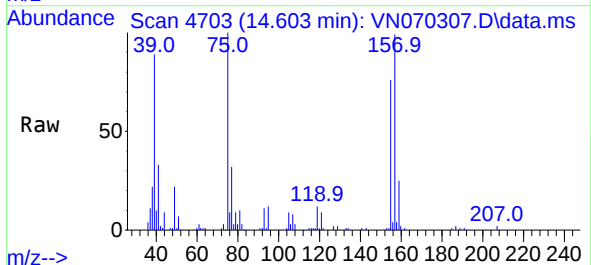
Delta R.T. 0.003 min

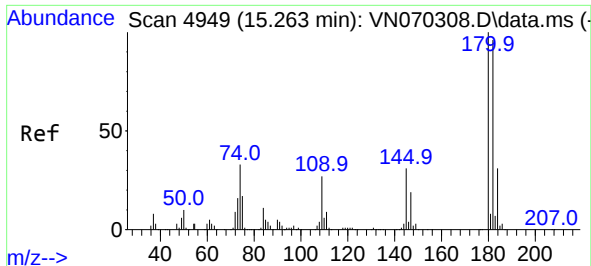
Lab File: VN070307.D

Acq: 27 Dec 2021 11:47

Tgt Ion: 75 Resp: 66634

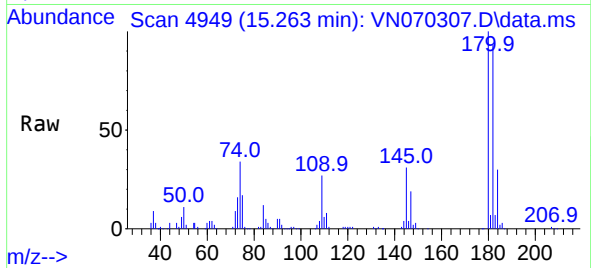
Ion	Ratio	Lower	Upper
75	100		
155	73.6	46.9	140.7
157	95.2	60.6	181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.64 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

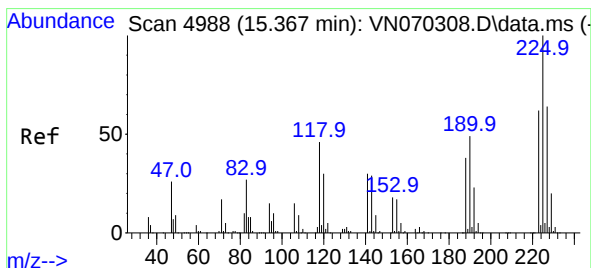
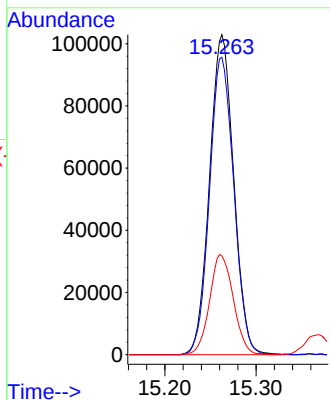
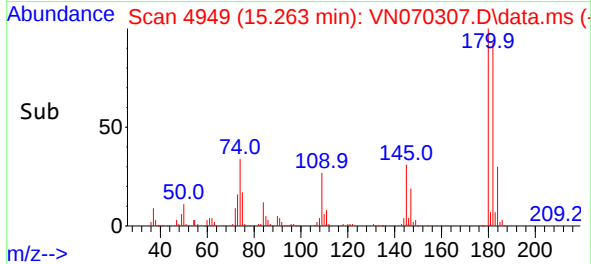
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



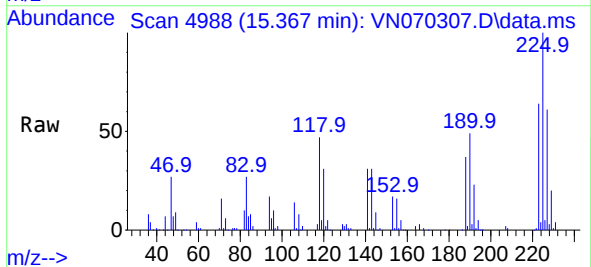
Tgt Ion:180 Resp: 18954
Ion Ratio Lower Upper
180 100
182 93.5 48.3 144.9
145 30.8 14.5 43.5

Manual Integrations
APPROVED

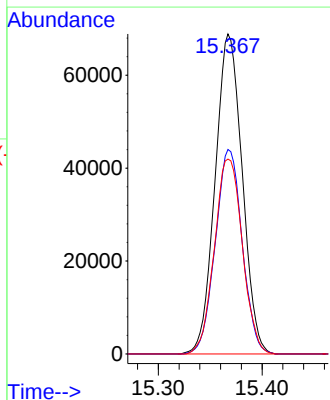
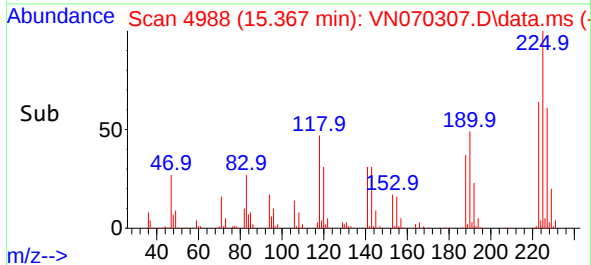
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

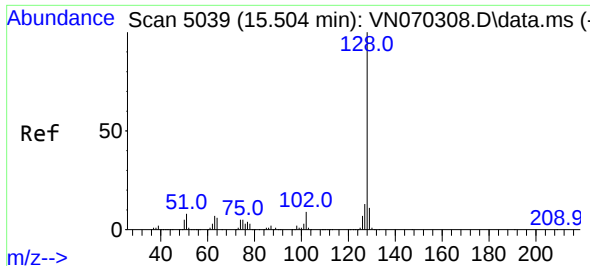


#94
Hexachlorobutadiene
Concen: 21.07 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



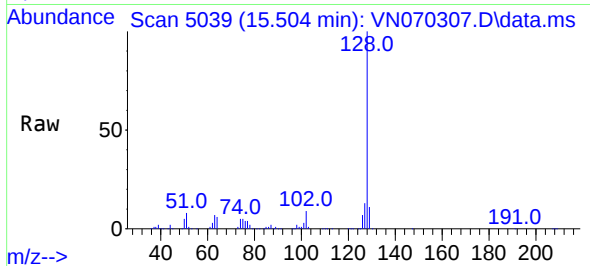
Tgt Ion:225 Resp: 124827
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.7
227 62.9 32.1 96.3





#95
Naphthalene
Concen: 16.06 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47

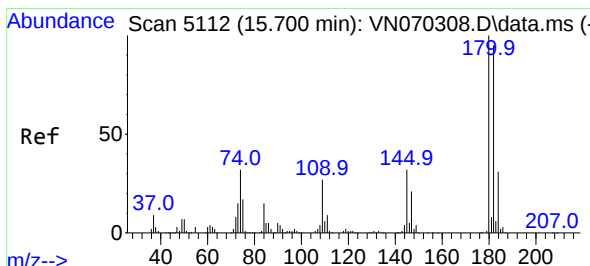
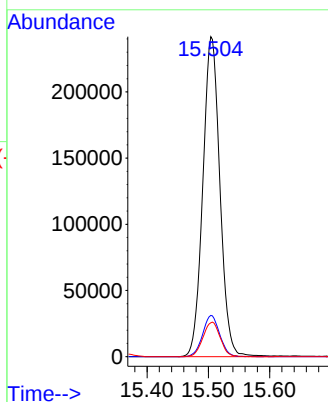
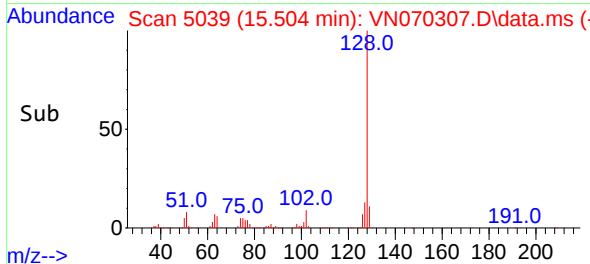
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



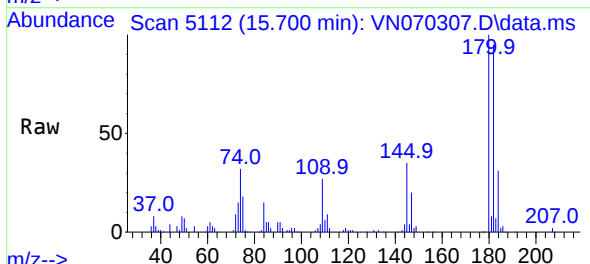
Tgt Ion:128 Resp: 46854
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#96
1,2,3-Trichlorobenzene
Concen: 18.38 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070307.D
Acq: 27 Dec 2021 11:47



Tgt Ion:180 Resp: 183638
Ion Ratio Lower Upper
180 100
182 95.4 47.4 142.2
145 33.3 15.0 45.1

