

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070306.D
 Acq On : 27 Dec 2021 11:22
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Dec 27 12:40:28 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	8.083	168	1120868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1861150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1671061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	588417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	82224	4.88	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	9.76%#		
35) Dibromofluoromethane	8.021	113	55029	4.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.62%#		
50) Toluene-d8	10.440	98	232051	5.06	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.12%#		
62) 4-Bromofluorobenzene	12.731	95	72436	4.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	8.66%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	58161	4.54	ug/l	100
3) Chloromethane	2.303	50	85094	5.22	ug/l	98
4) Vinyl Chloride	2.448	62	78150	5.23	ug/l	98
5) Bromomethane	2.850	94	47193	5.78	ug/l	98
6) Chloroethane	3.022	64	47065	5.14	ug/l	100
7) Trichlorofluoromethane	3.376	101	93654	4.83	ug/l	97
8) Diethyl Ether	3.824	74	40506	5.31	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.216	101	57326	5.18	ug/l	96
10) Methyl Iodide	4.419	142	72189	4.80	ug/l	99
11) Tert butyl alcohol	5.382	59	67329	21.75	ug/l	95
12) 1,1-Dichloroethene	4.178	96	55641	5.20	ug/l	90
13) Acrolein	4.041	56	67218	25.39	ug/l	100
14) Allyl chloride	4.846	41	120925	5.01	ug/l	90
15) Acrylonitrile	5.557	53	206725	23.95	ug/l	99
16) Acetone	4.288	43	230736	22.30	ug/l	98
17) Carbon Disulfide	4.527	76	144184	5.18	ug/l	99
18) Methyl Acetate	4.857	43	152069	4.92	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	200217	4.85	ug/l	95
20) Methylene Chloride	5.095	84	72983	5.28	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	57844	5.00	ug/l	91
22) Diisopropyl ether	6.498	45	242716	5.17	ug/l	91
23) Vinyl Acetate	6.434	43	927436	24.51	ug/l #	93
24) 1,1-Dichloroethane	6.383	63	129000	5.30	ug/l	98
25) 2-Butanone	7.337	43	306626	22.18	ug/l	92
26) 2,2-Dichloropropane	7.324	77	98303	5.16	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	70055	5.02	ug/l	86
28) Bromochloromethane	7.657	49	60122	4.79	ug/l #	79
29) Tetrahydrofuran	7.689	42	191493	22.94	ug/l	87
30) Chloroform	7.815	83	124080	5.08	ug/l	100
31) Cyclohexane	8.094	56	144640	6.00	ug/l #	86
32) 1,1,1-Trichloroethane	8.011	97	102741	4.96	ug/l	96
36) 1,1-Dichloropropene	8.222	75	87617	4.97	ug/l	97
37) Ethyl Acetate	7.415	43	113800	4.44	ug/l	96
38) Carbon Tetrachloride	8.206	117	82760	4.81	ug/l	99
39) Methylcyclohexane	9.459	83	104481	4.97	ug/l #	86
40) Benzene	8.458	78	284812	5.28	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	60054	4.94	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	104805	4.88	ug/l	99
43) Isopropyl Acetate	8.560	43	178872	4.67	ug/l	96
44) Trichloroethene	9.217	130	67119	5.23	ug/l	93
45) 1,2-Dichloropropane	9.491	63	74385	5.12	ug/l	98
46) Dibromomethane	9.577	93	46502	4.94	ug/l	95
47) Bromodichloromethane	9.759	83	88111	4.90	ug/l	99
48) Methyl methacrylate	9.558	41	82652	4.56	ug/l	86
49) 1,4-Dioxane	9.571	88	23130	74.50	ug/l #	78
51) 4-Methyl-2-Pentanone	10.330	43	571568	23.21	ug/l	96
52) Toluene	10.505	92	167676	5.10	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	90919	4.80	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	98544	4.84	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	67102	5.08	ug/l	98
56) Ethyl methacrylate	10.760	69	99273	4.45	ug/l #	90
57) 1,3-Dichloropropane	11.044	76	117569	5.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	95206	17.35	ug/l	89
59) 2-Hexanone	11.087	43	389481	20.92	ug/l	94
60) Dibromochloromethane	11.237	129	59418	4.73	ug/l	97
61) 1,2-Dibromoethane	11.347	107	66402	4.88	ug/l	97
64) Tetrachloroethene	10.977	164	61694	5.48	ug/l	95
65) Chlorobenzene	11.771	112	176285	5.23	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	60763	5.14	ug/l	97
67) Ethyl Benzene	11.843	91	317114	5.18	ug/l	93
68) m/p-Xylenes	11.953	106	226236	10.14	ug/l	94
69) o-Xylene	12.280	106	109630	4.88	ug/l	91
70) Styrene	12.294	104	166817	4.68	ug/l	96
71) Bromoform	12.457	173	39941	4.55	ug/l #	98
73) Isopropylbenzene	12.578	105	281556	5.39	ug/l	97
74) N-amyl acetate	12.388	43	101963	4.48	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	99307	5.54	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	83144m	5.03	ug/l	
77) Bromobenzene	12.860	156	62389	5.09	ug/l	72
78) n-propylbenzene	12.919	91	289522	4.99	ug/l	97
79) 2-Chlorotoluene	13.007	91	201029	5.47	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	224143	5.33	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	20531	4.44	ug/l	90
82) 4-Chlorotoluene	13.104	91	176576	5.11	ug/l	93
83) tert-Butylbenzene	13.324	119	194993	5.25	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	208667	5.21	ug/l	97
85) sec-Butylbenzene	13.501	105	256253	5.09	ug/l	97
86) p-Isopropyltoluene	13.613	119	192534	4.88	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	103340	5.15	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	99276	5.03	ug/l	91
89) n-Butylbenzene	13.943	91	148869	4.66	ug/l	97
90) Hexachloroethane	14.209	117	33398	4.84	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	102146	5.23	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	14090	4.40	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	37083	4.16	ug/l	99
94) Hexachlorobutadiene	15.367	225	27867	5.36	ug/l	99
95) Naphthalene	15.507	128	85392	3.34	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	37232	4.25	ug/l	97

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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

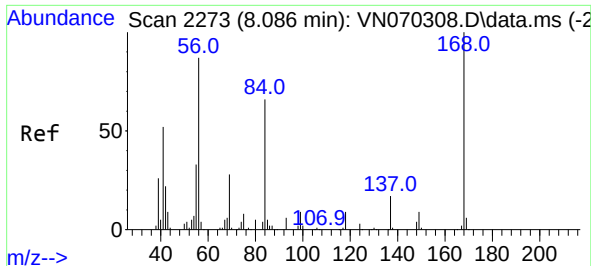
Manual Integrations
APPROVED

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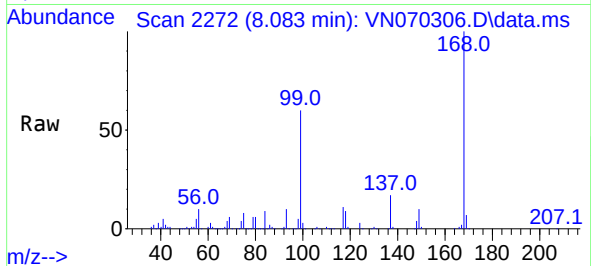
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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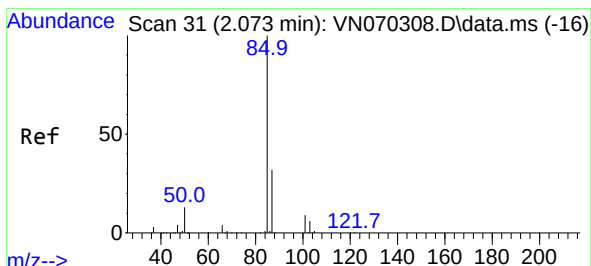
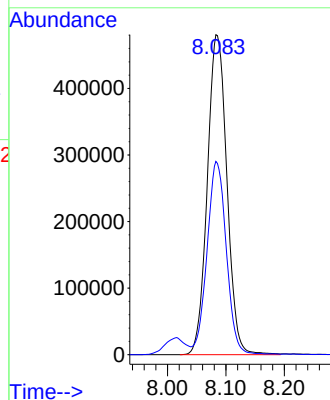
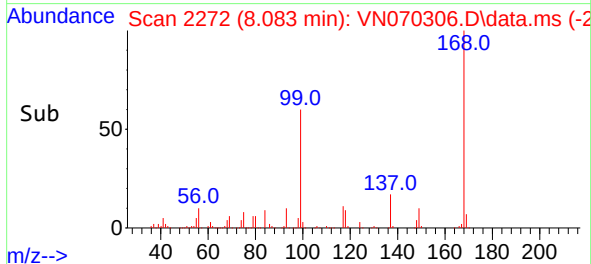
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 112086
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9

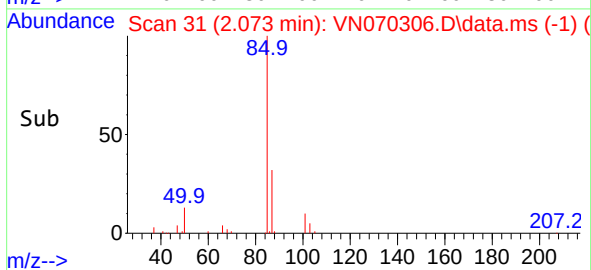
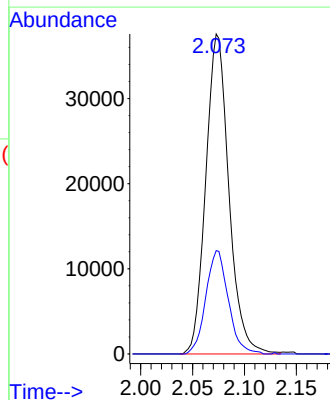
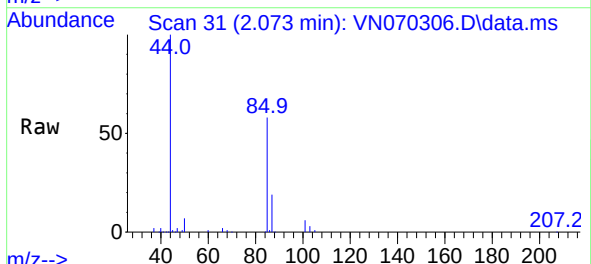
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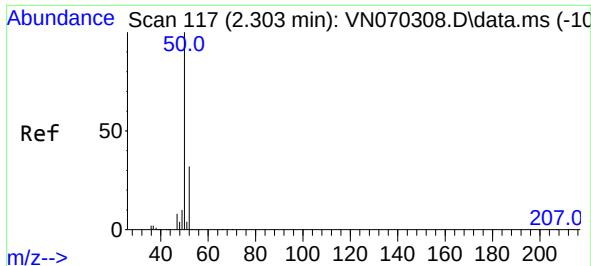
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#2
Dichlorodifluoromethane
Concen: 4.54 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

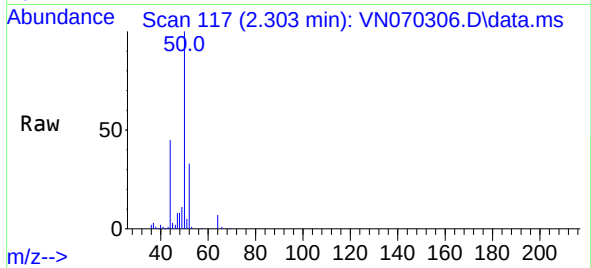
Tgt Ion: 85 Resp: 58161
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 5.22 ug/l
RT: 2.303 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

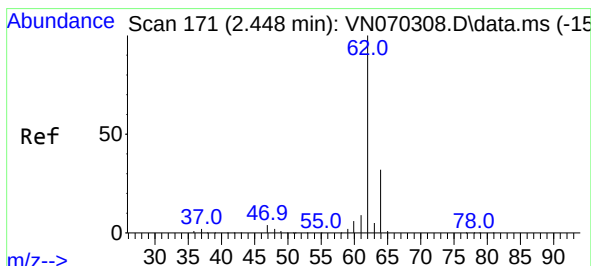
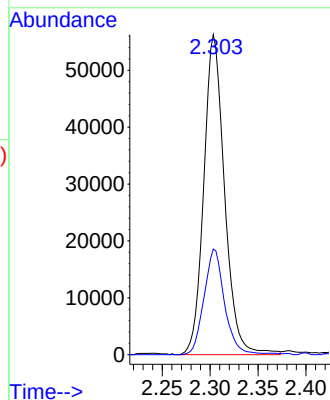
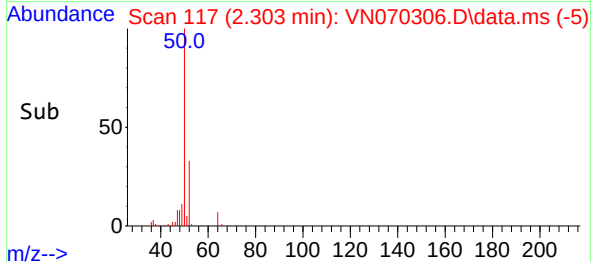
Instrument :
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ClientSampleId :
VSTDIC005



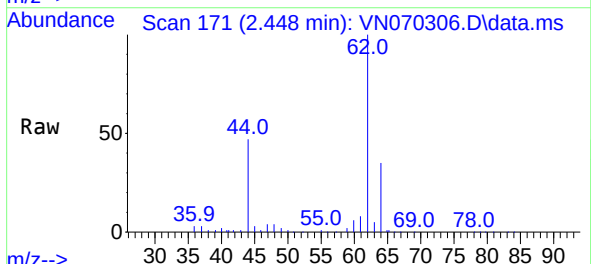
Tgt Ion: 50 Resp: 85094
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.0

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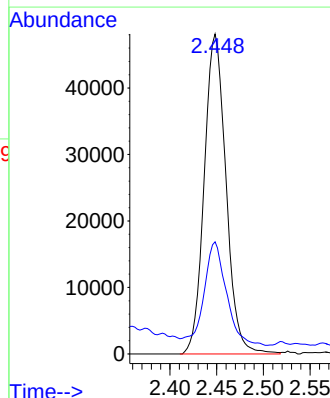
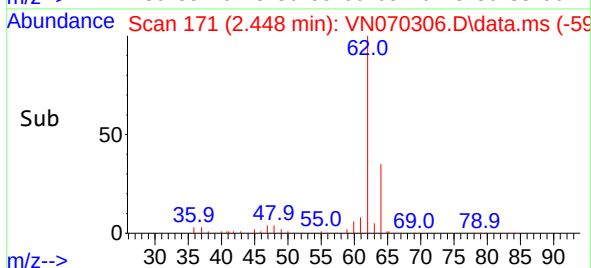
Reviewed By :John Carlone 12/28/2021
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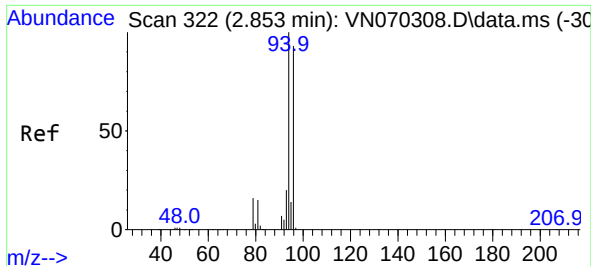


#4
Vinyl Chloride
Concen: 5.23 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



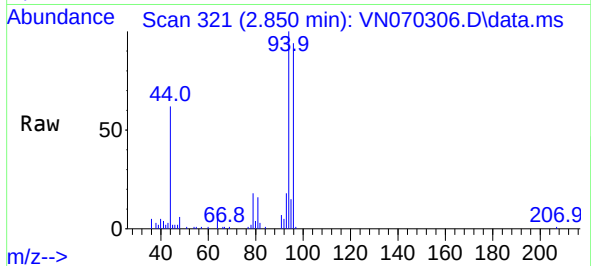
Tgt Ion: 62 Resp: 78150
Ion Ratio Lower Upper
62 100
64 31.2 25.8 38.6





#5
Bromomethane
Concen: 5.78 ug/l
RT: 2.850 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

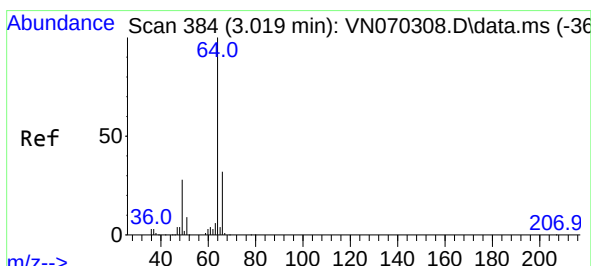
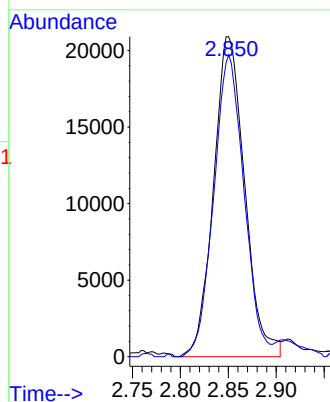
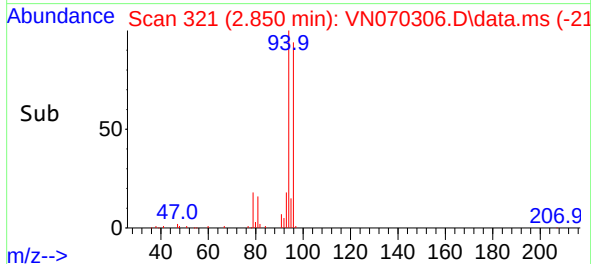
Instrument :
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Tgt Ion: 94 Resp: 4719
Ion Ratio Lower Upper
94 100
96 94.4 73.8 110.8

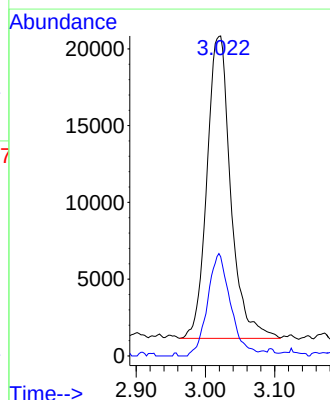
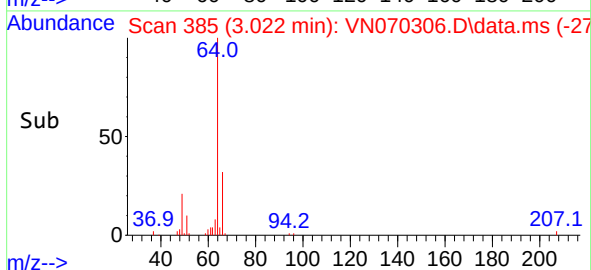
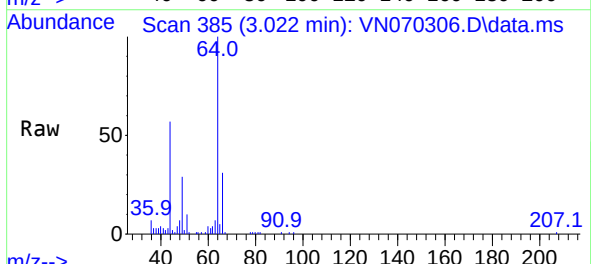
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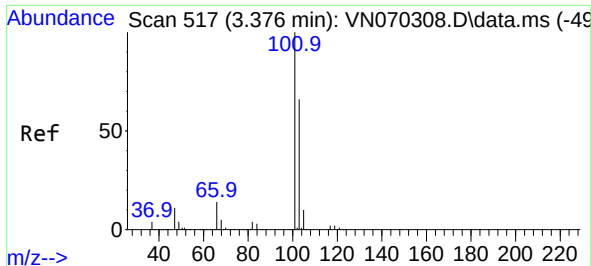
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#6
Chloroethane
Concen: 5.14 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Tgt Ion: 64 Resp: 47065
Ion Ratio Lower Upper
64 100
66 32.8 26.3 39.5





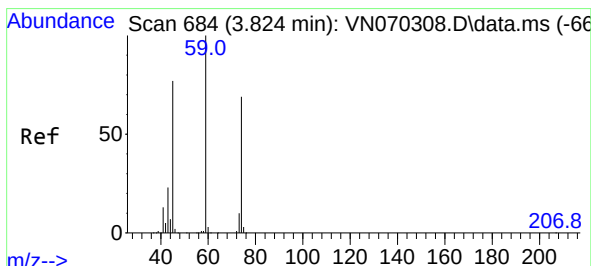
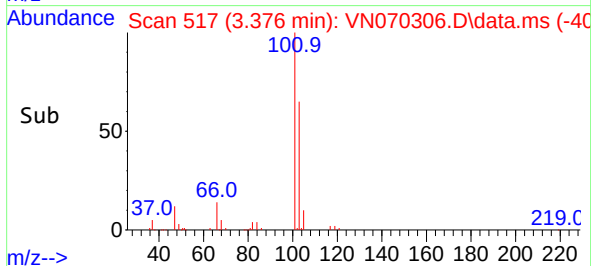
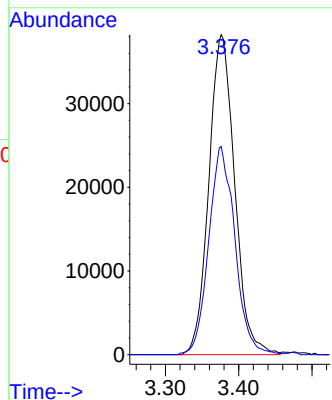
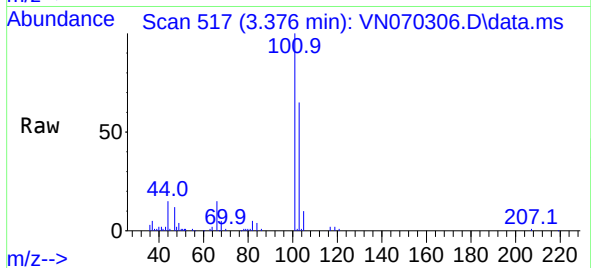
#7
Trichlorofluoromethane
Concen: 4.83 ug/l
RT: 3.376 min Scan# 517
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:101 Resp: 93654
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

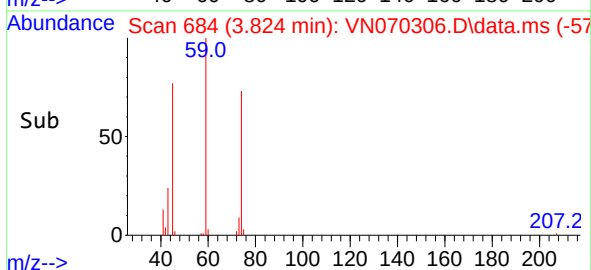
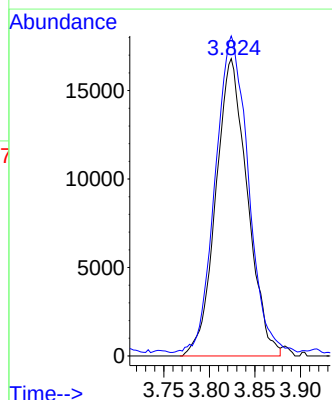
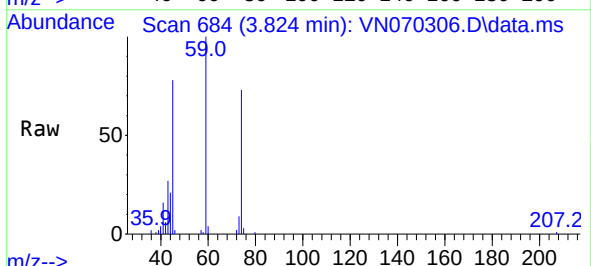
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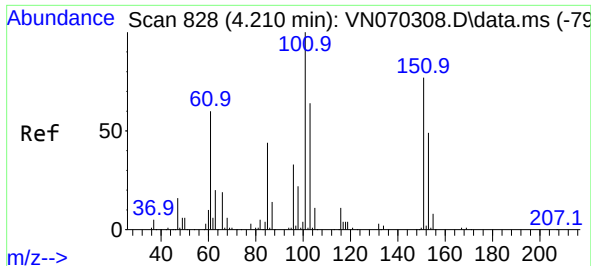
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#8
Diethyl Ether
Concen: 5.31 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Tgt Ion: 74 Resp: 40506
Ion Ratio Lower Upper
74 100
45 112.4 47.0 141.2





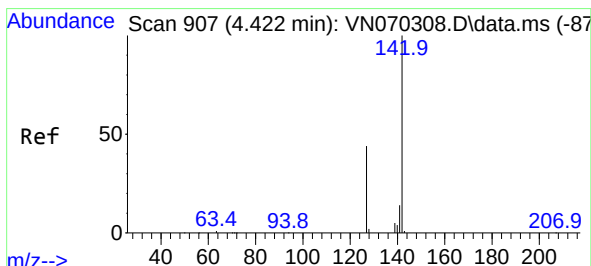
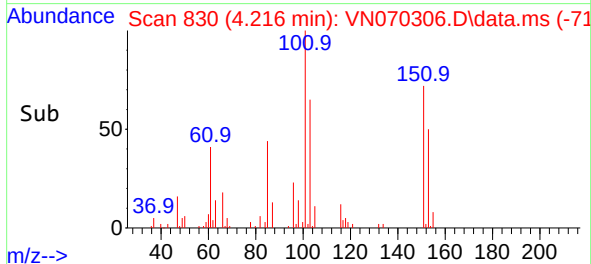
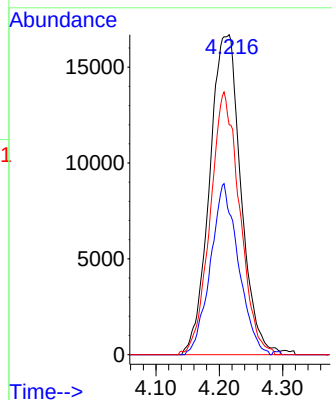
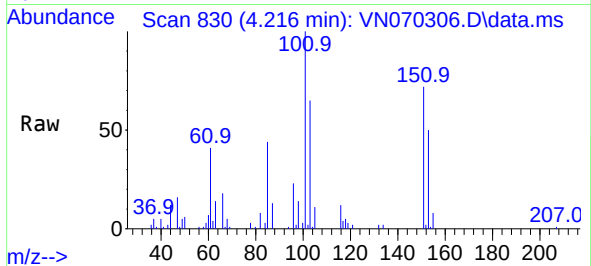
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.18 ug/l
RT: 4.216 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :
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ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 57320
Ion Ratio Lower Upper
101 100
85 47.7 37.2 55.8
151 77.3 65.9 98.9

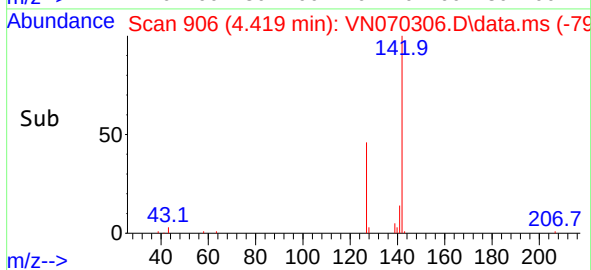
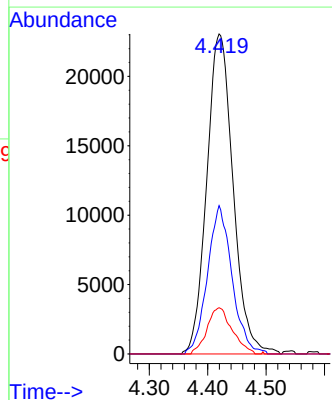
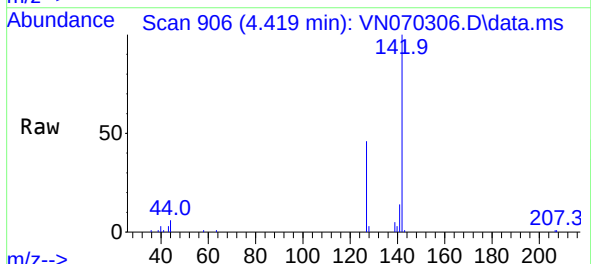
Manual Integrations
APPROVED

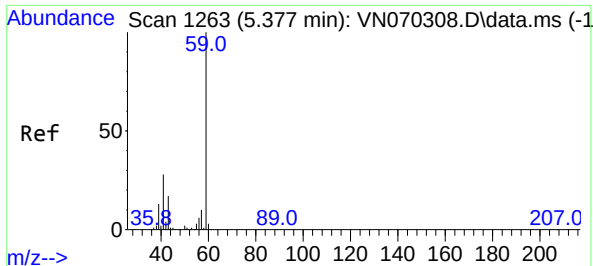
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#10
Methyl Iodide
Concen: 4.80 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Tgt Ion:142 Resp: 72189
Ion Ratio Lower Upper
142 100
127 43.3 35.4 53.0
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 21.75 ug/l

RT: 5.382 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN070306.D

Acq: 27 Dec 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 59 Resp: 67329

Ion Ratio Lower Upper

59 100

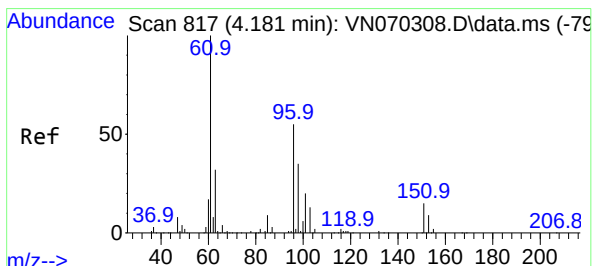
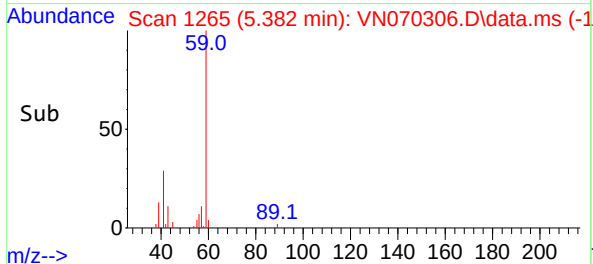
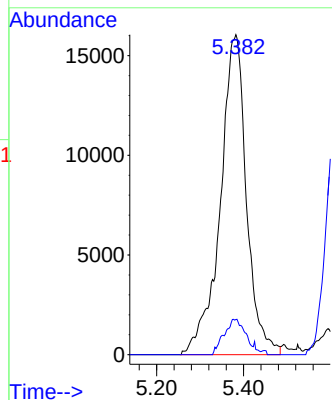
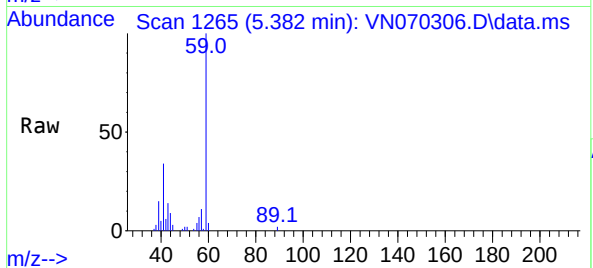
57 8.9 8.7 13.1

Manual Integrations

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Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#12

1,1-Dichloroethene

Concen: 5.20 ug/l

RT: 4.178 min Scan# 816

Delta R.T. -0.003 min

Lab File: VN070306.D

Acq: 27 Dec 2021 11:22

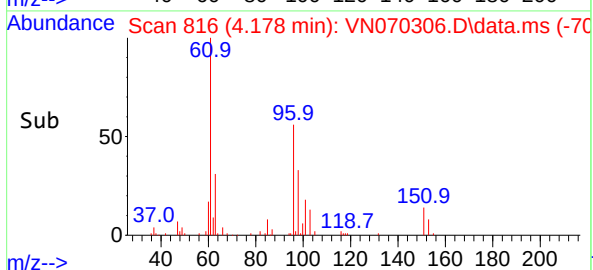
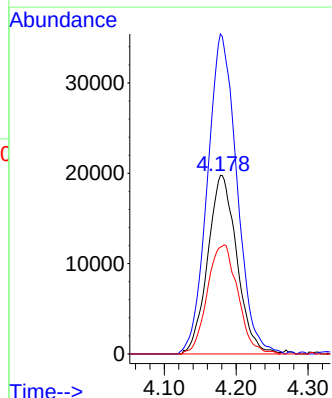
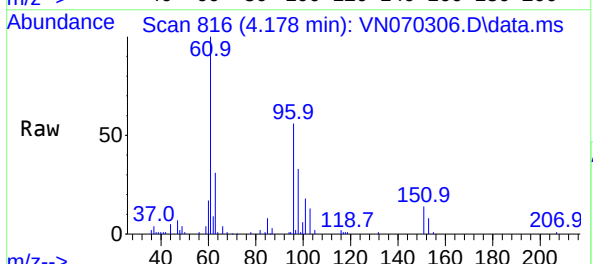
Tgt Ion: 96 Resp: 55641

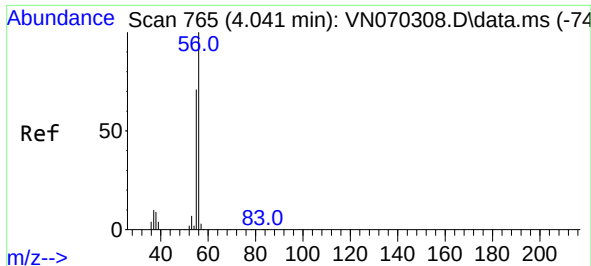
Ion Ratio Lower Upper

96 100

61 178.1 131.0 196.6

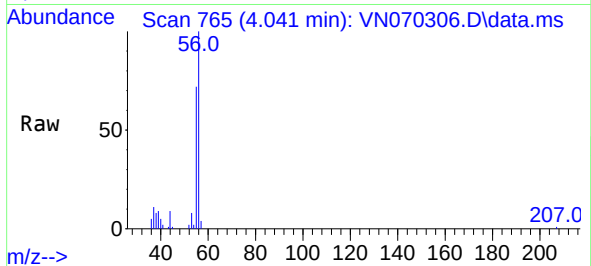
98 59.8 52.4 78.6





#13
Acrolein
Concen: 25.39 ug/l
RT: 4.041 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

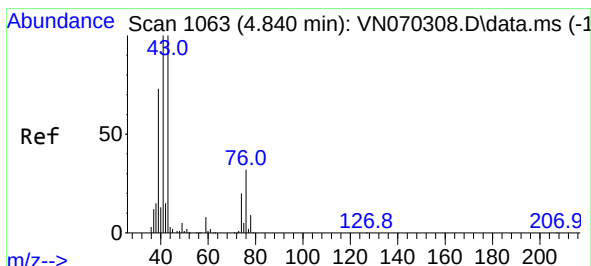
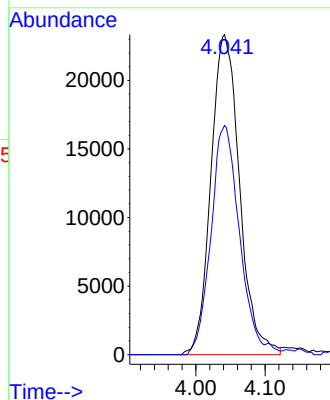
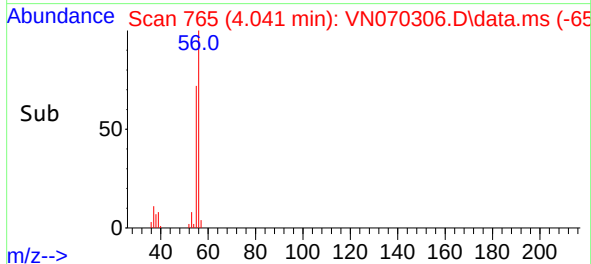
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



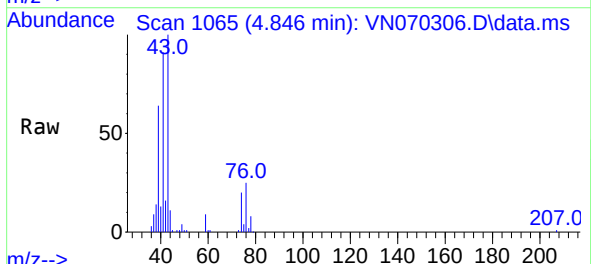
Tgt Ion: 56 Resp: 67218
Ion Ratio Lower Upper
56 100
55 70.4 56.6 85.0

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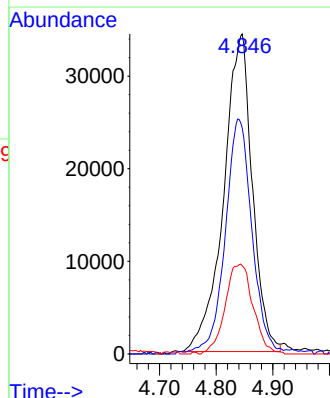
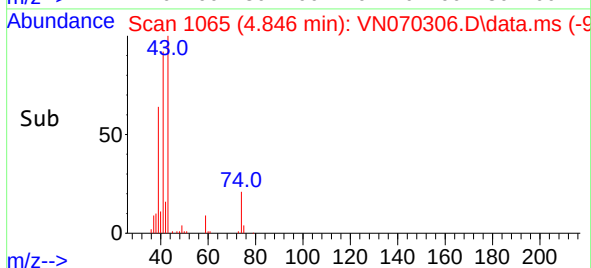
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

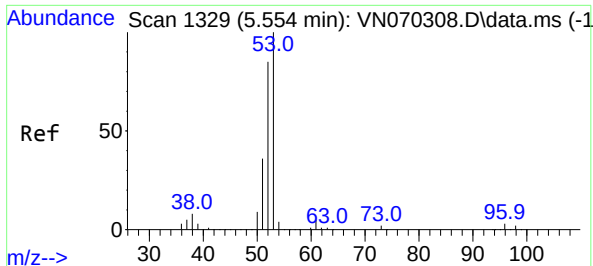


#14
Allyl chloride
Concen: 5.01 ug/l
RT: 4.846 min Scan# 1065
Delta R.T. 0.005 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



Tgt Ion: 41 Resp: 120925
Ion Ratio Lower Upper
41 100
39 67.2 61.2 91.8
76 27.4 26.0 39.0





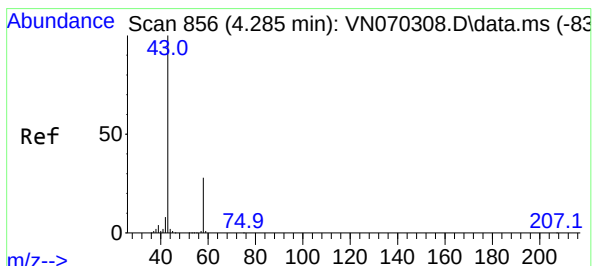
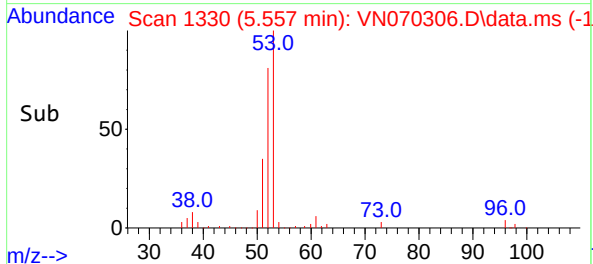
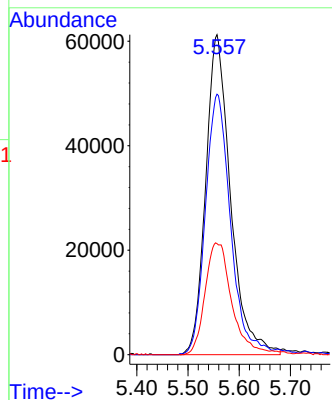
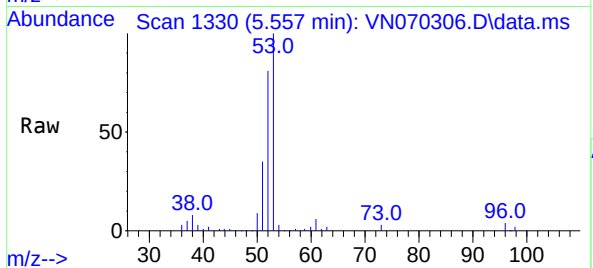
#15
Acrylonitrile
Concen: 23.95 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 206725
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.2
51 37.2 29.6 44.4

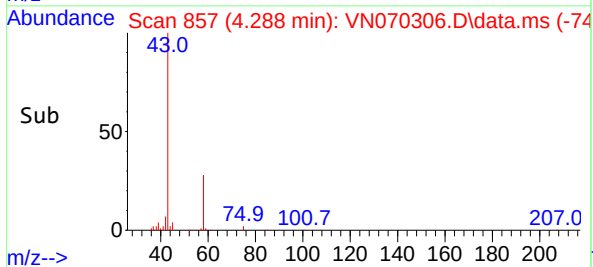
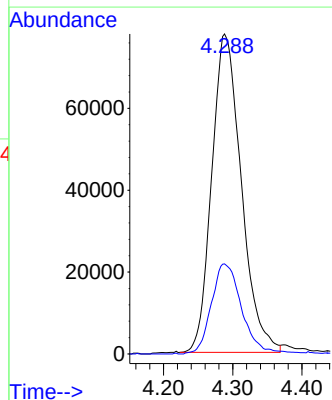
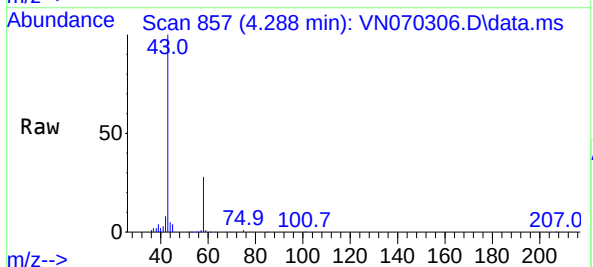
Manual Integrations
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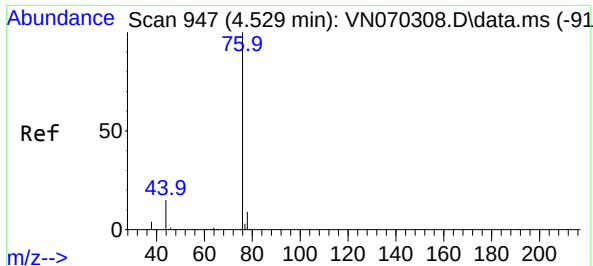
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#16
Acetone
Concen: 22.30 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Tgt Ion: 43 Resp: 230736
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7





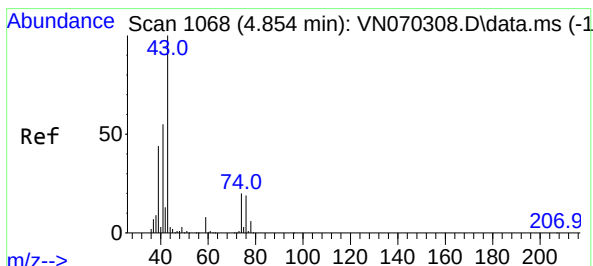
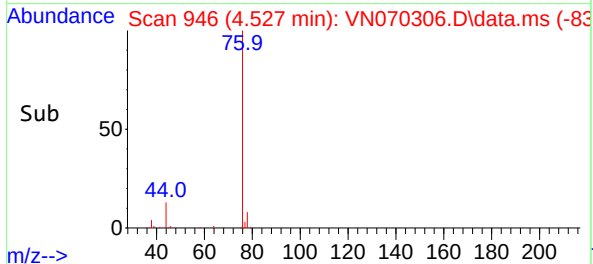
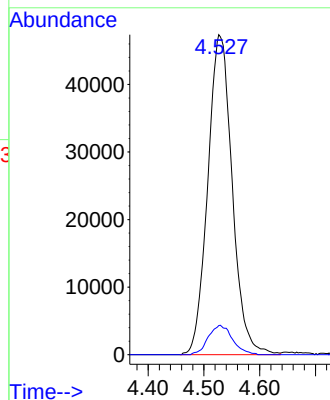
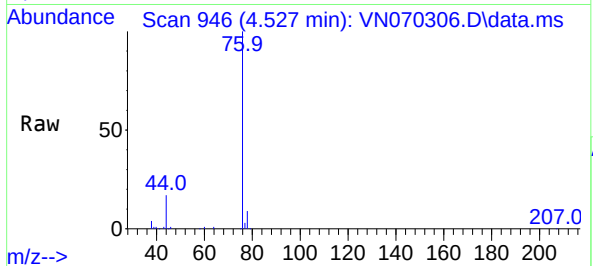
#17
Carbon Disulfide
Concen: 5.18 ug/l
RT: 4.527 min Scan# 947
Delta R.T. -0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 76 Resp: 144184
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

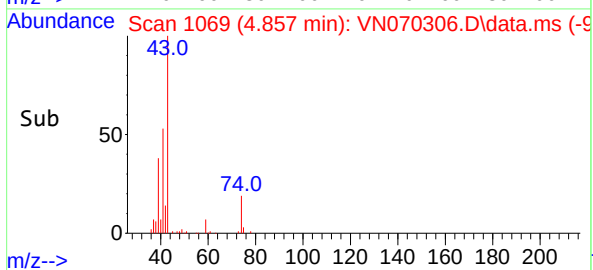
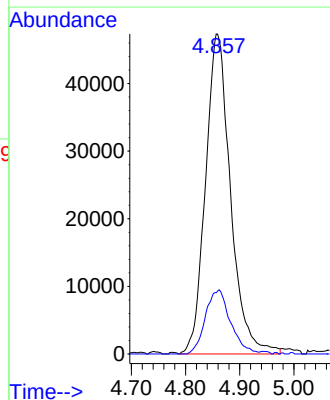
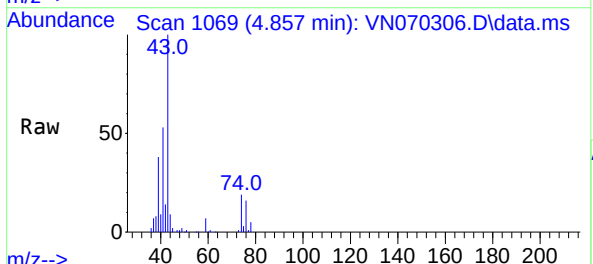
Manual Integrations
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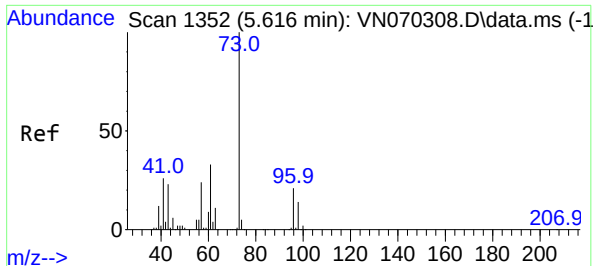
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#18
Methyl Acetate
Concen: 4.92 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Tgt Ion: 43 Resp: 152069
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 4.85 ug/l

RT: 5.616 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN070306.D

Acq: 27 Dec 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 73 Resp: 20021

Ion Ratio Lower Upper

73 100

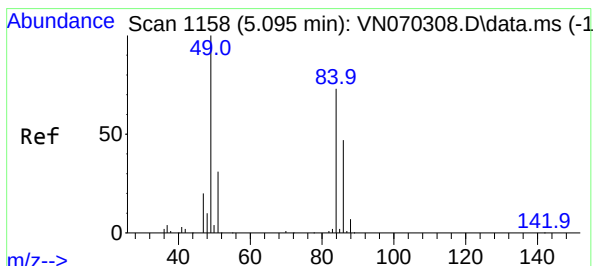
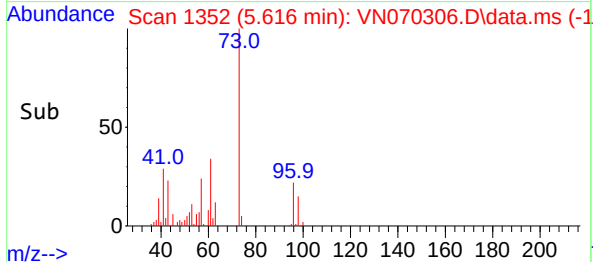
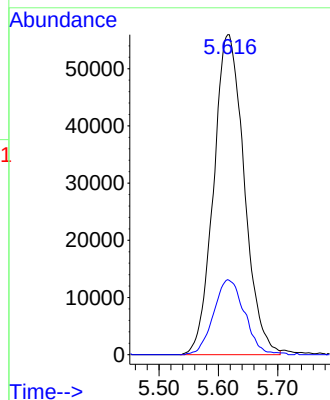
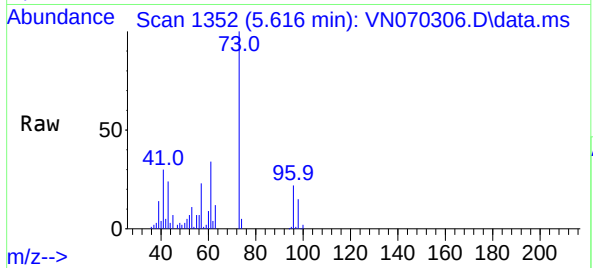
57 23.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#20

Methylene Chloride

Concen: 5.28 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. -0.000 min

Lab File: VN070306.D

Acq: 27 Dec 2021 11:22

Tgt Ion: 84 Resp: 72983

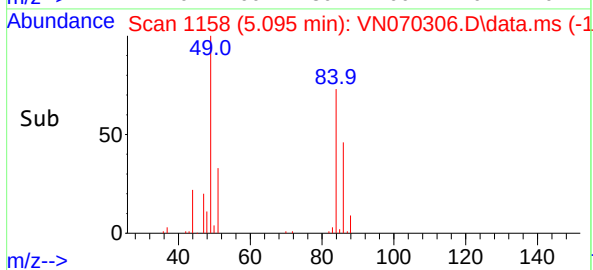
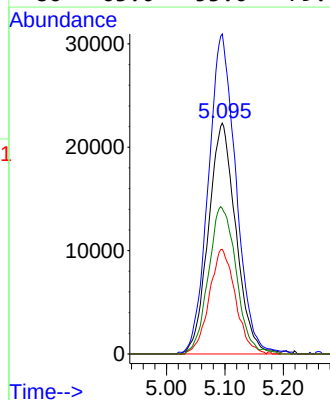
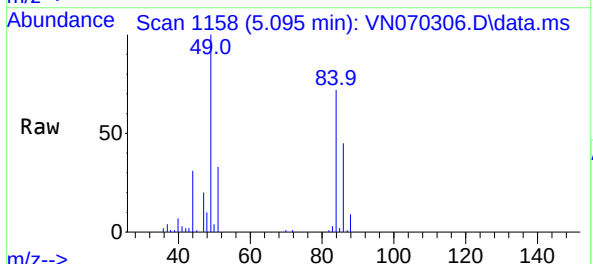
Ion Ratio Lower Upper

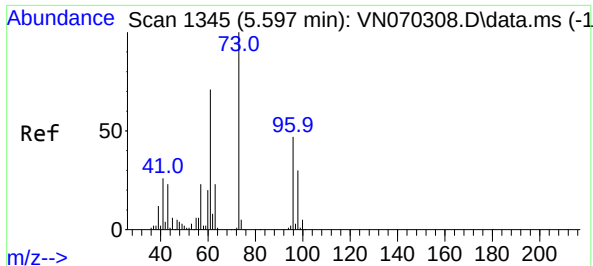
84 100

49 137.8 93.5 140.3

51 45.3 29.4 44.2#

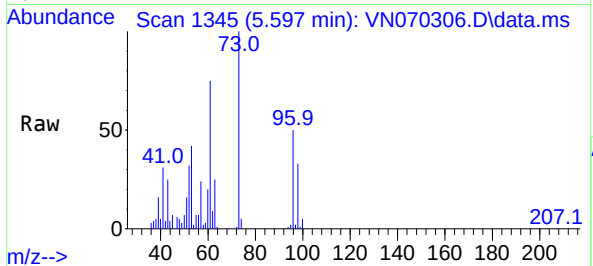
86 63.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 5.00 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

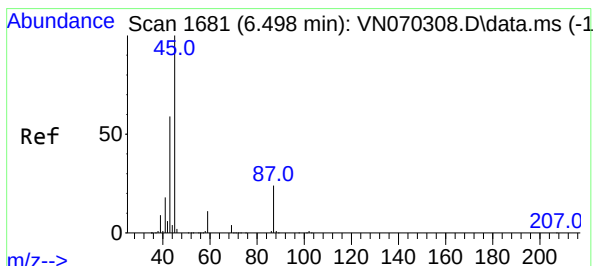
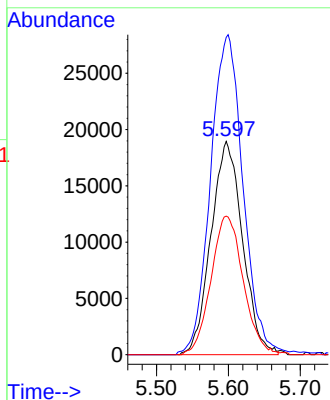
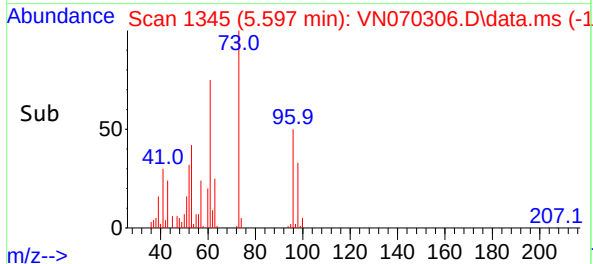
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 5784
Ion Ratio Lower Upper
96 100
61 147.6 105.8 158.6
98 64.9 52.0 78.0

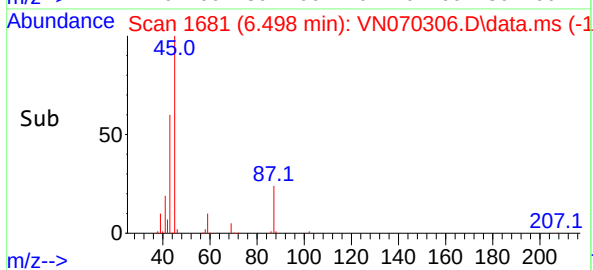
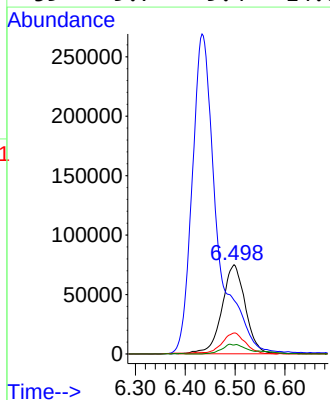
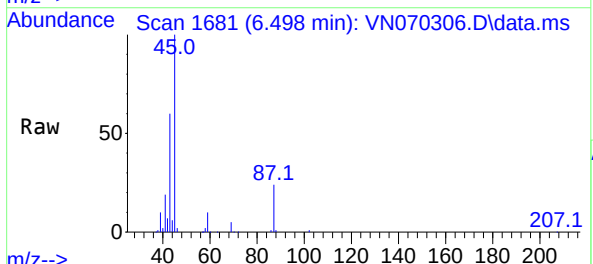
Manual Integrations
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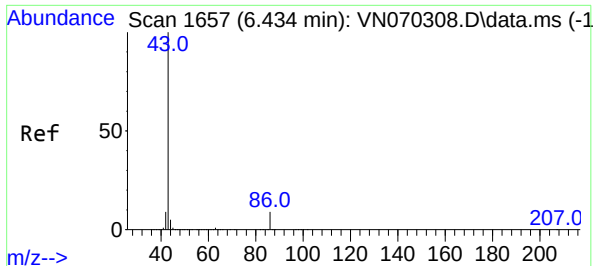
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#22
Diisopropyl ether
Concen: 5.17 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

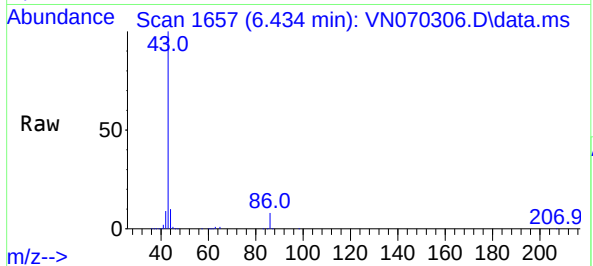
Tgt Ion: 45 Resp: 242716
Ion Ratio Lower Upper
45 100
43 57.8 51.7 77.5
87 23.2 23.2 34.8
59 9.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 24.51 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN070306.D
 Acq: 27 Dec 2021 11:22

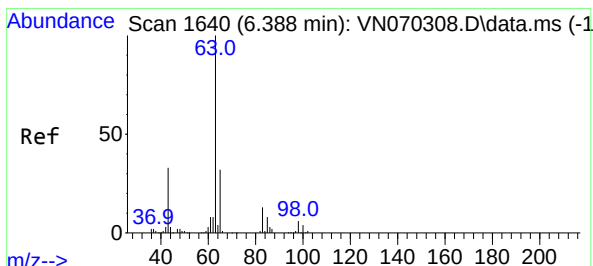
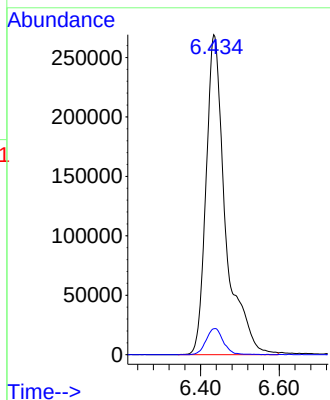
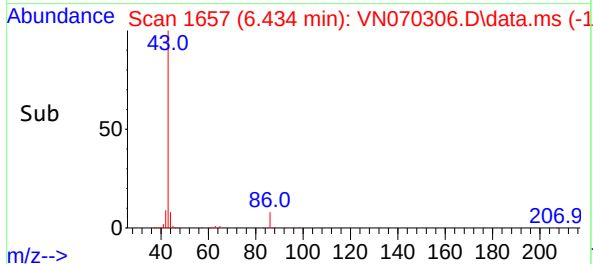
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



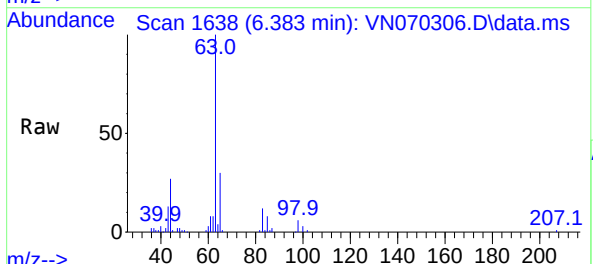
Tgt Ion: 43 Resp: 927430
 Ion Ratio Lower Upper
 43 100
 86 8.1 8.5 12.7

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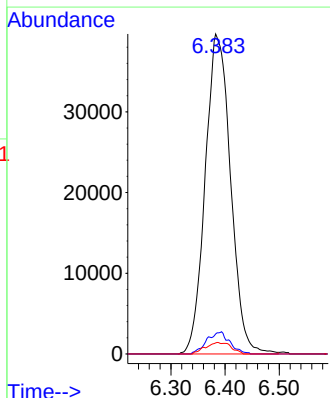
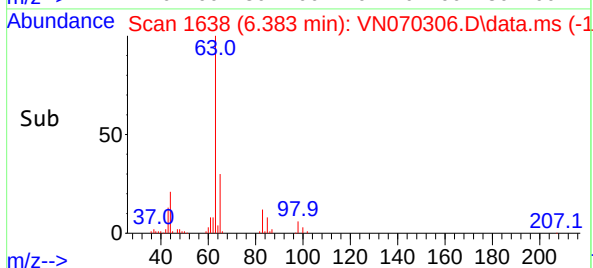
Reviewed By :John Carlone 12/28/2021
 Supervised By :Semsettin Yesilyurt 12/30/2021

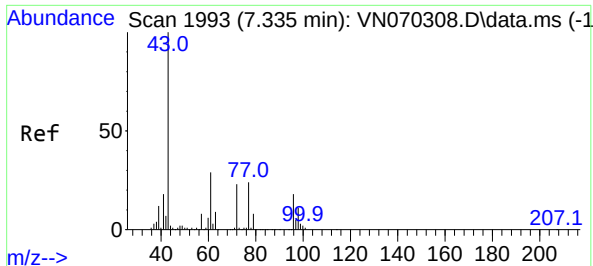


#24
 1,1-Dichloroethane
 Concen: 5.30 ug/l
 RT: 6.383 min Scan# 1638
 Delta R.T. -0.005 min
 Lab File: VN070306.D
 Acq: 27 Dec 2021 11:22



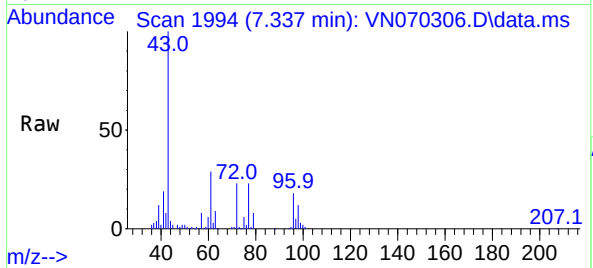
Tgt Ion: 63 Resp: 129000
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.4 2.1 6.5





#25
2-Butanone
Concen: 22.18 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

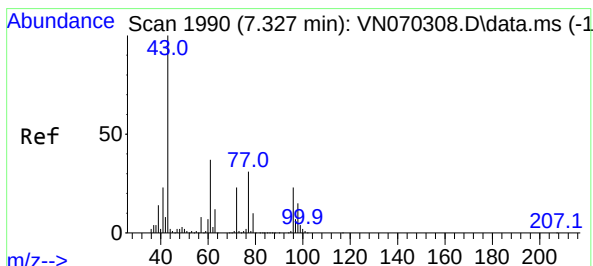
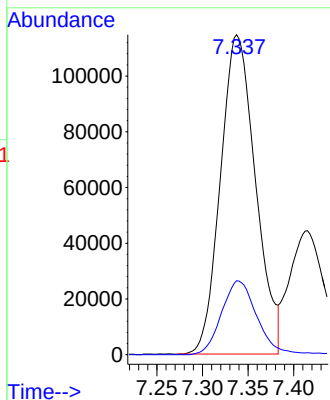
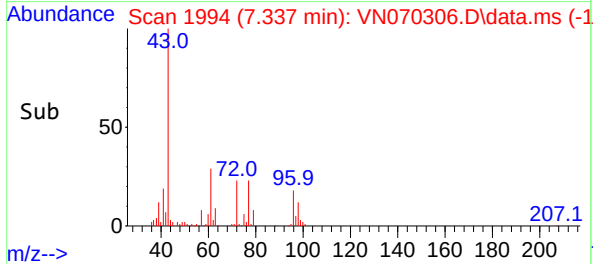
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



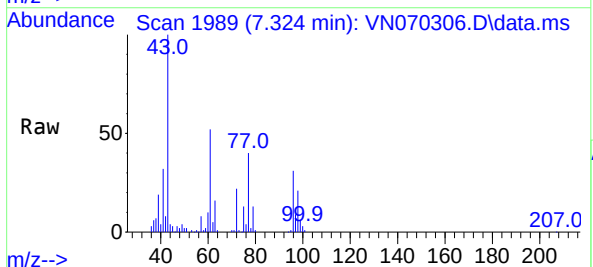
Tgt Ion: 43 Resp: 306620
Ion Ratio Lower Upper
43 100
72 23.1 21.7 32.5

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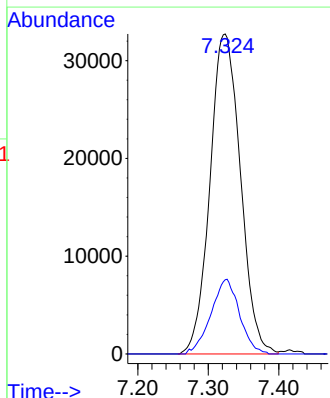
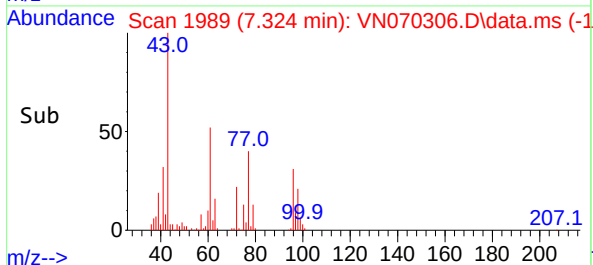
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

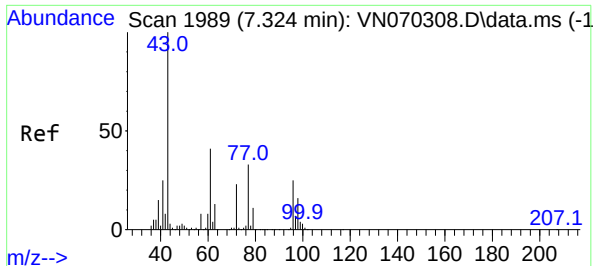


#26
2,2-Dichloropropane
Concen: 5.16 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



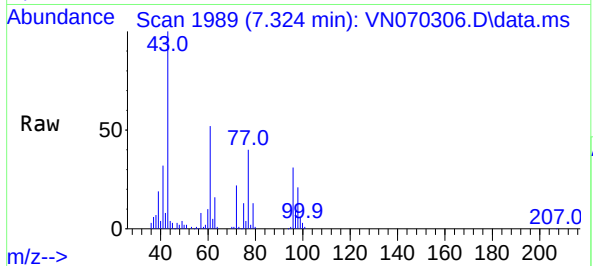
Tgt Ion: 77 Resp: 98303
Ion Ratio Lower Upper
77 100
97 21.9 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 5.02 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

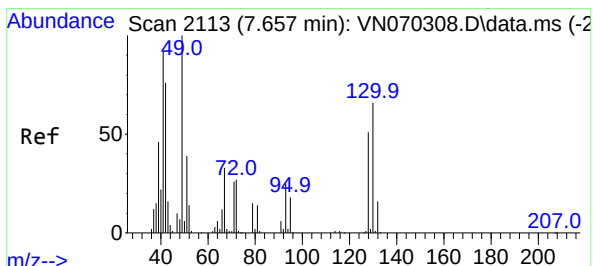
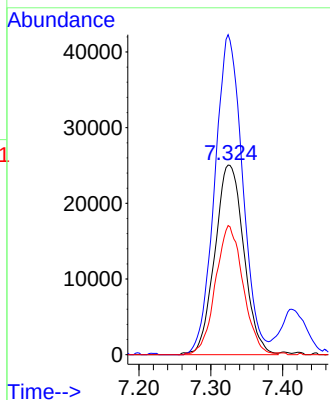
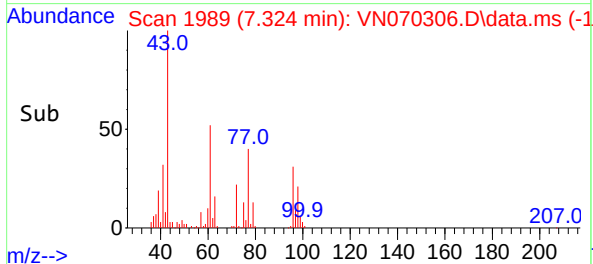
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



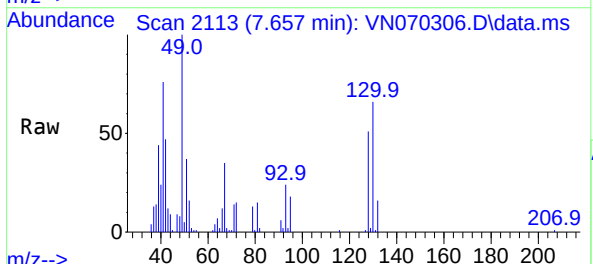
Tgt Ion: 96 Resp: 7055
Ion Ratio Lower Upper
96 100
61 162.6 0.0 275.0
98 65.0 0.0 129.6

Manual Integrations
APPROVED

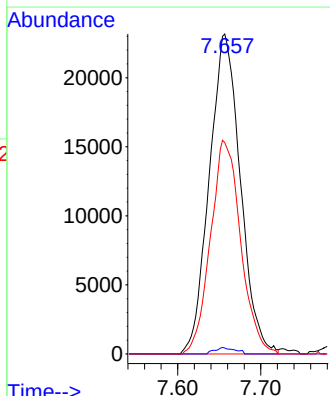
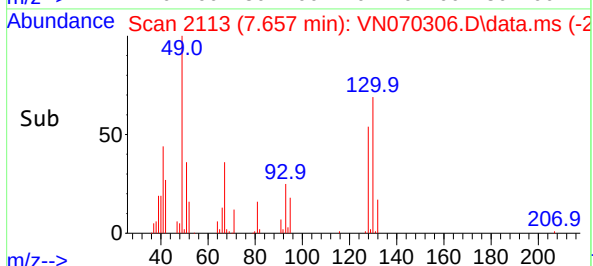
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

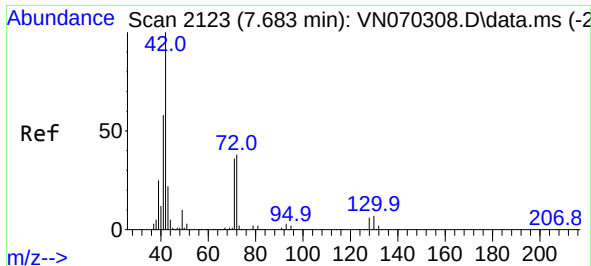


#28
Bromochloromethane
Concen: 4.79 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



Tgt Ion: 49 Resp: 60122
Ion Ratio Lower Upper
49 100
129 1.3 0.0 4.0
130 65.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 22.94 ug/l

RT: 7.689 min Scan# 2123

Delta R.T. 0.005 min

Lab File: VN070306.D

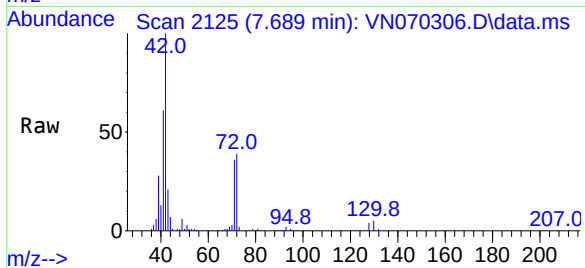
Acq: 27 Dec 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



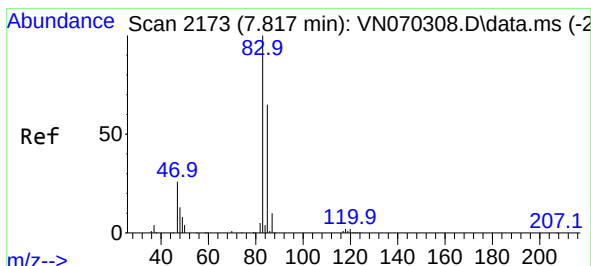
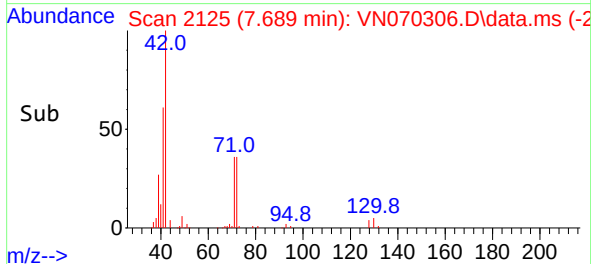
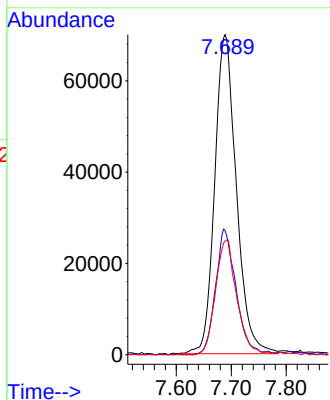
Tgt Ion:	42	Resp:	19149
Ion Ratio	Lower	Upper	
42	100		
72	36.8	36.3	54.5
71	35.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#30

Chloroform

Concen: 5.08 ug/l

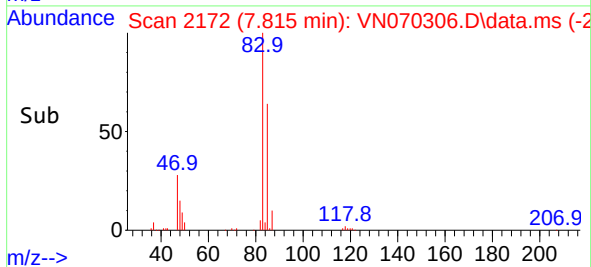
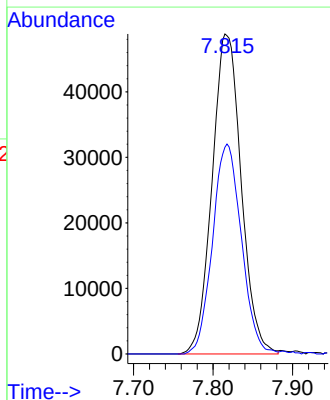
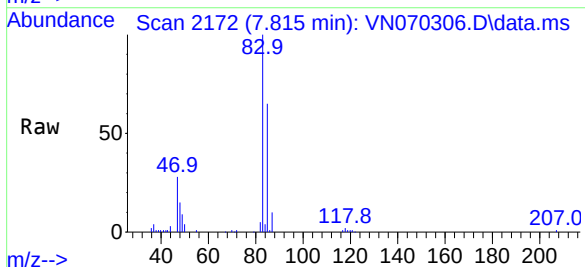
RT: 7.815 min Scan# 2172

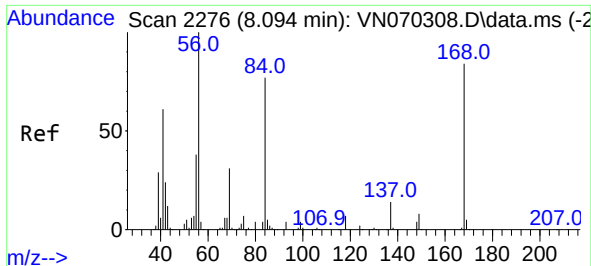
Delta R.T. -0.003 min

Lab File: VN070306.D

Acq: 27 Dec 2021 11:22

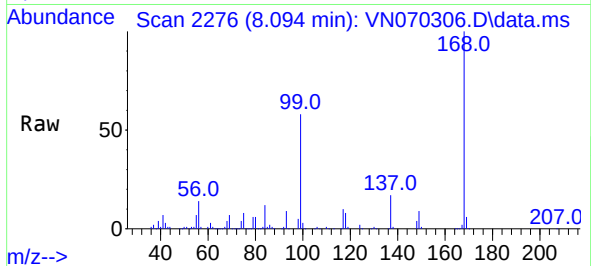
Tgt Ion:	83	Resp:	124080
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.9	77.9





#31
Cyclohexane
Concen: 6.00 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

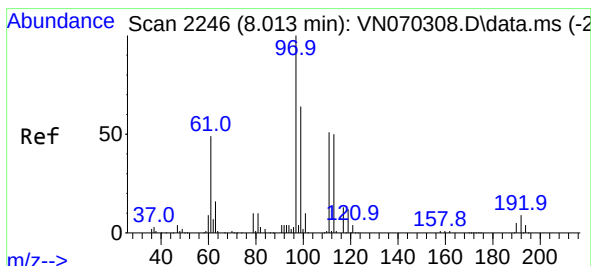
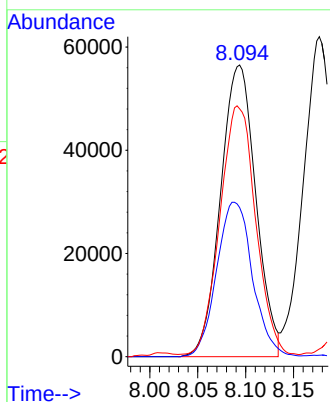
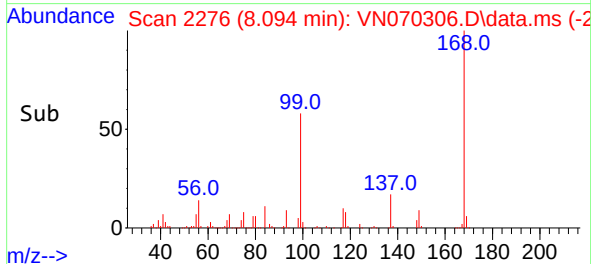
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 56 Resp: 144640
Ion Ratio Lower Upper
56 100
69 51.1 27.1 40.7
84 84.2 73.4 110.0

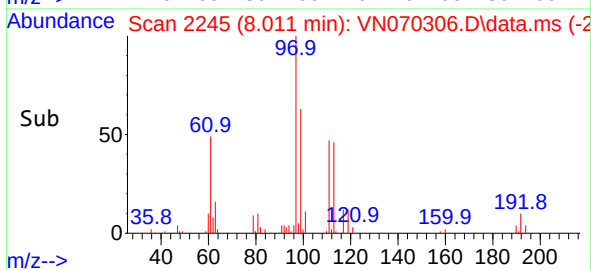
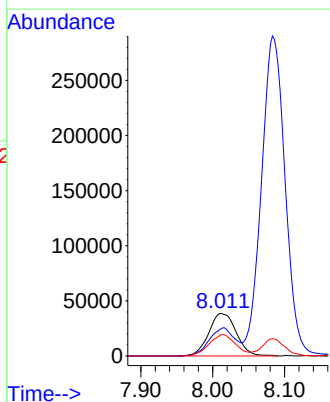
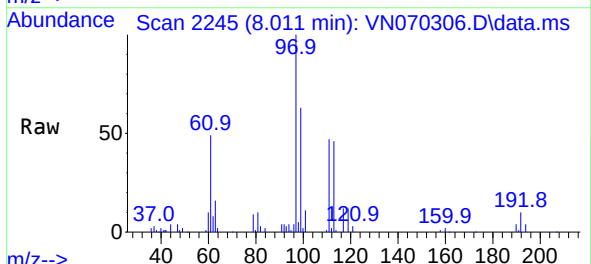
Manual Integrations
APPROVED

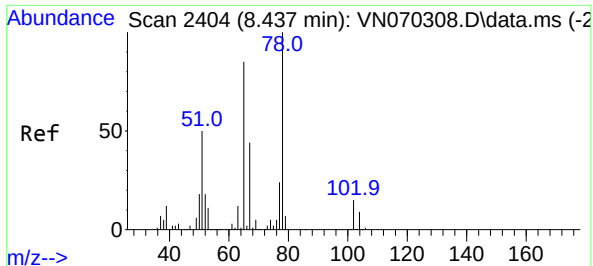
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#32
1,1,1-Trichloroethane
Concen: 4.96 ug/l
RT: 8.011 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Tgt Ion: 97 Resp: 102741
Ion Ratio Lower Upper
97 100
99 61.4 50.1 75.1
61 48.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 4.88 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070306.D

Acq: 27 Dec 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 65 Resp: 82224

Ion Ratio Lower Upper

65 100

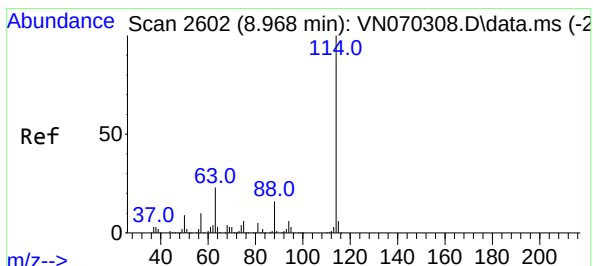
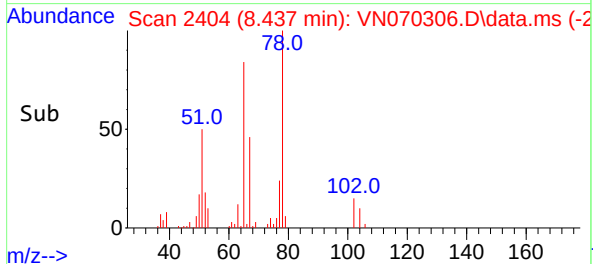
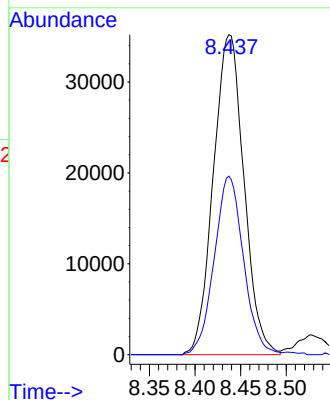
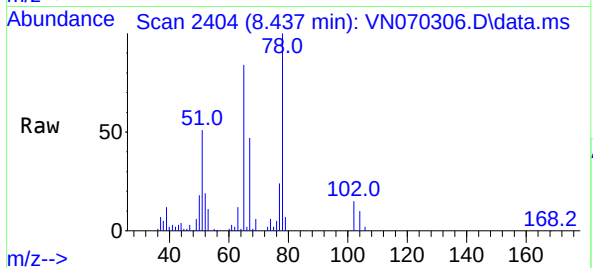
67 53.4 0.0 103.0

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: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070306.D

Acq: 27 Dec 2021 11:22

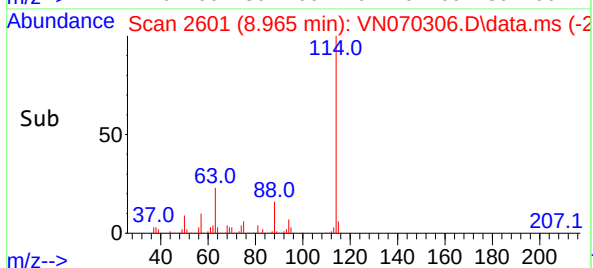
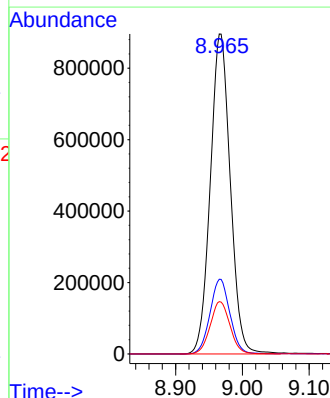
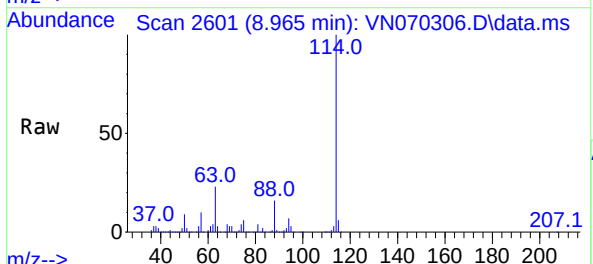
Tgt Ion:114 Resp: 1861150

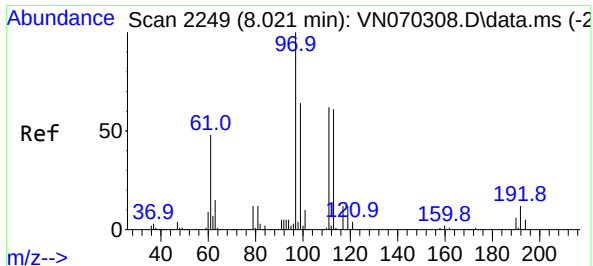
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

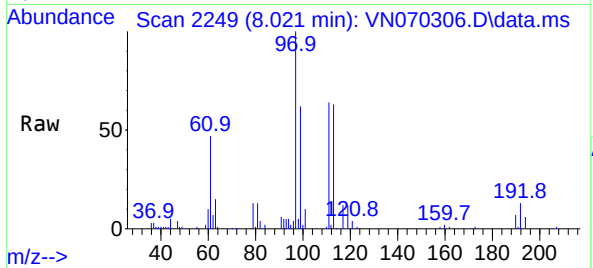
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 4.81 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

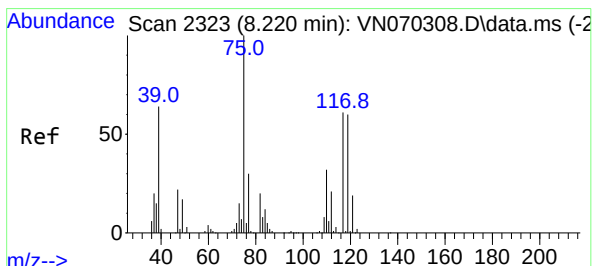
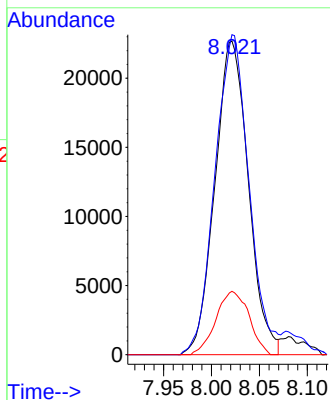
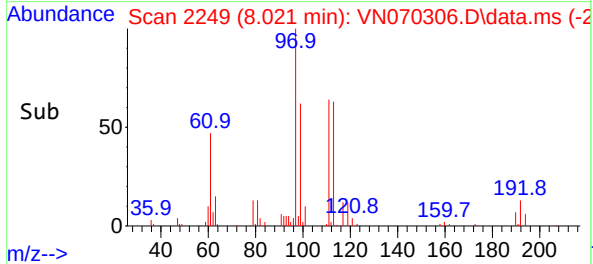
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



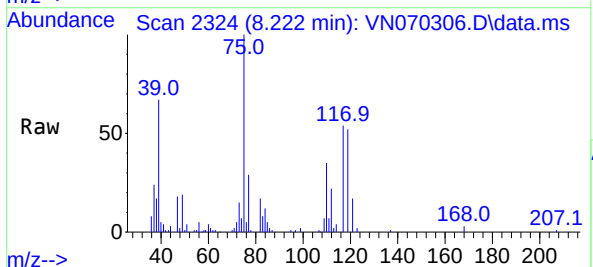
Tgt Ion: 113 Resp: 55029
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 20.0 16.9 25.3

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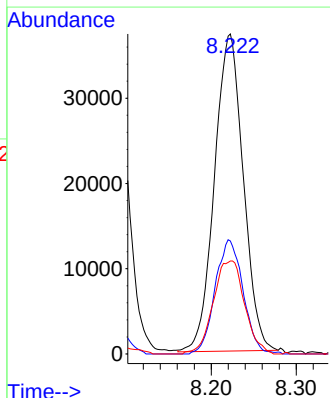
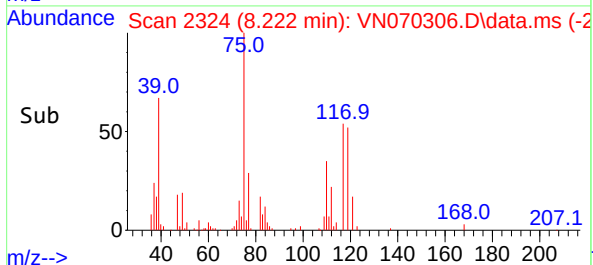
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

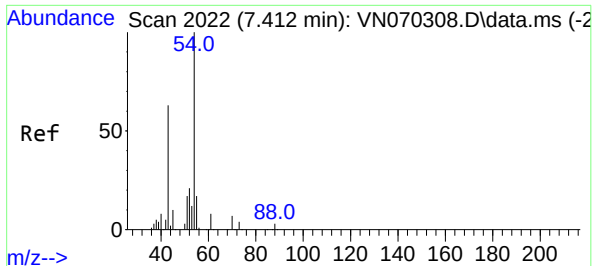


#36
1,1-Dichloropropene
Concen: 4.97 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



Tgt Ion: 75 Resp: 87617
Ion Ratio Lower Upper
75 100
110 35.0 18.4 55.2
77 31.9 24.4 36.6





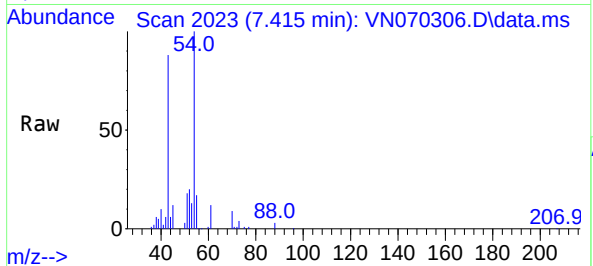
#37
Ethyl Acetate
Concen: 4.44 ug/l
RT: 7.415 min Scan# 2022
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

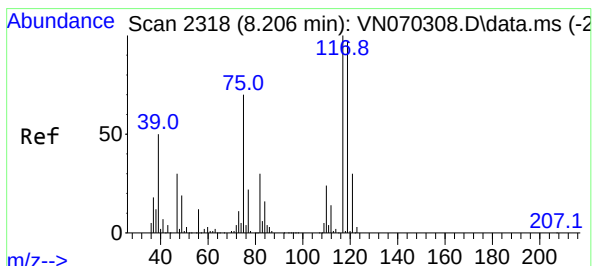
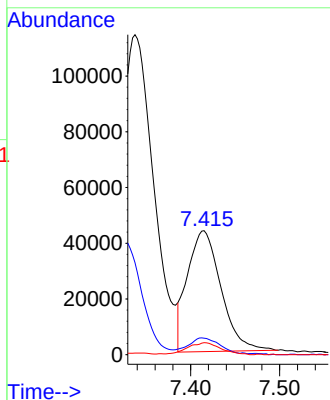
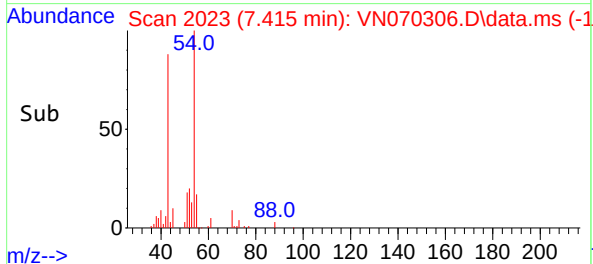


Tgt Ion: 43 Resp: 113800
Ion Ratio Lower Upper
43 100
61 11.7 11.5 17.3
70 9.8 7.9 11.9

Manual Integrations

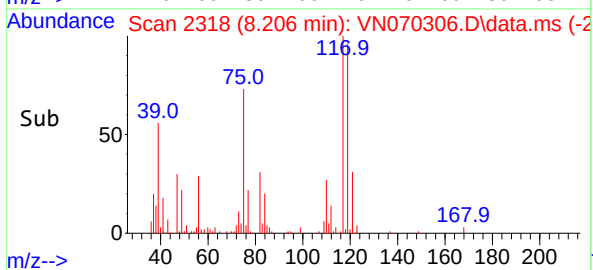
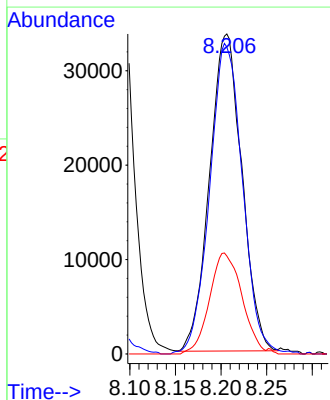
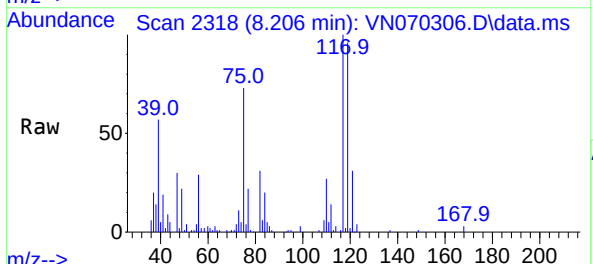
APPROVED

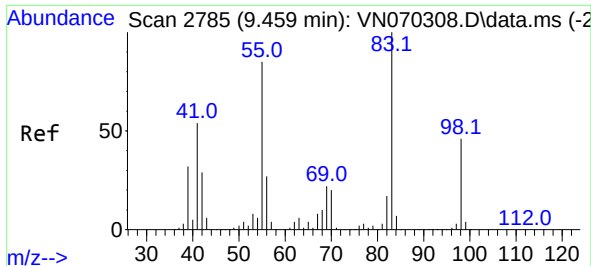
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#38
Carbon Tetrachloride
Concen: 4.81 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Tgt Ion:117 Resp: 82760
Ion Ratio Lower Upper
117 100
119 96.0 76.1 114.1
121 30.9 24.2 36.2





#39

Methylcyclohexane

Concen: 4.97 ug/l

RT: 9.459 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070306.D

Acq: 27 Dec 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 83 Resp: 10448

Ion Ratio Lower Upper

83 100

55 90.2 58.1 87.1

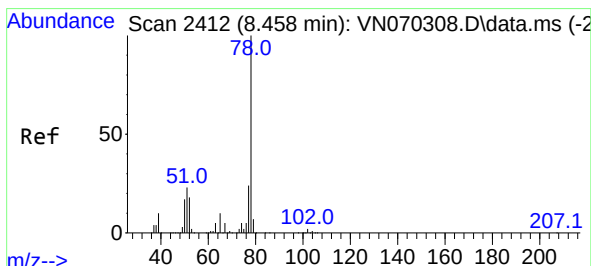
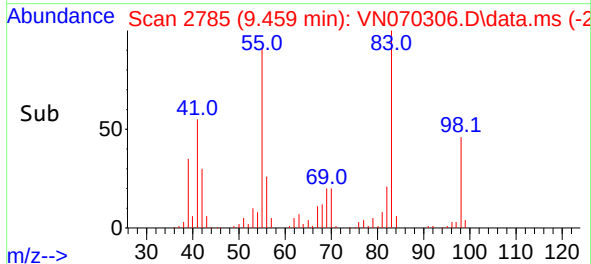
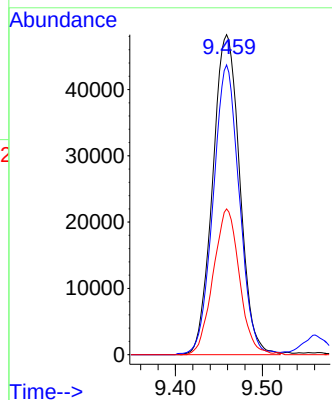
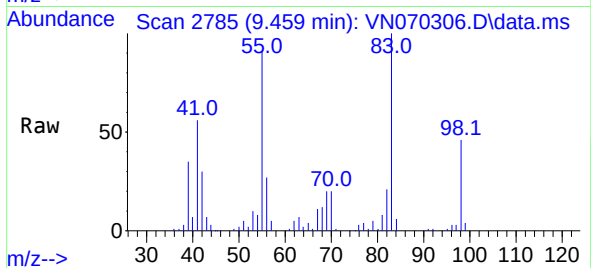
98 45.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#40

Benzene

Concen: 5.28 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.000 min

Lab File: VN070306.D

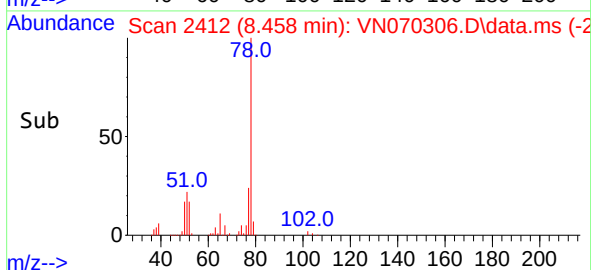
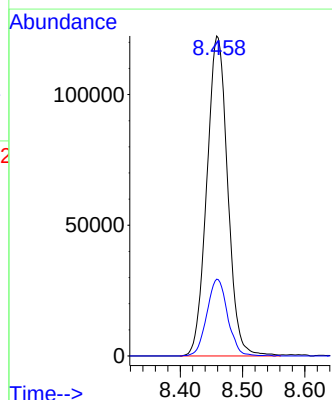
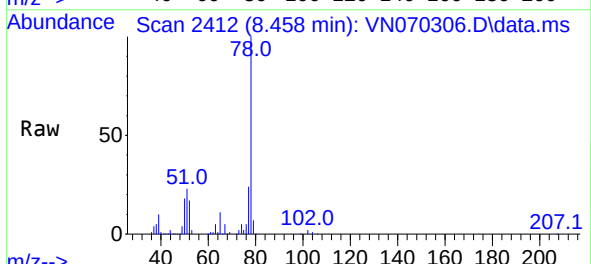
Acq: 27 Dec 2021 11:22

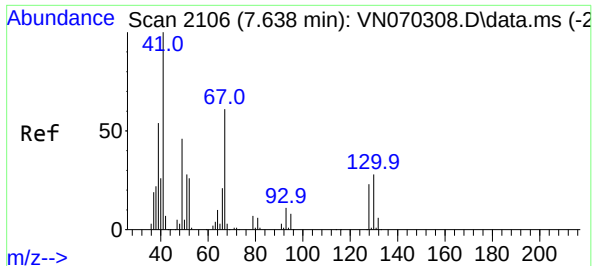
Tgt Ion: 78 Resp: 284812

Ion Ratio Lower Upper

78 100

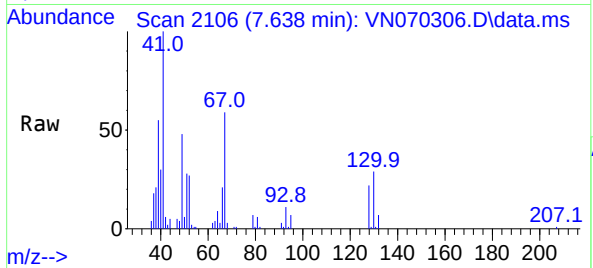
77 24.0 18.6 27.8





#41
Methacrylonitrile
Concen: 4.94 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

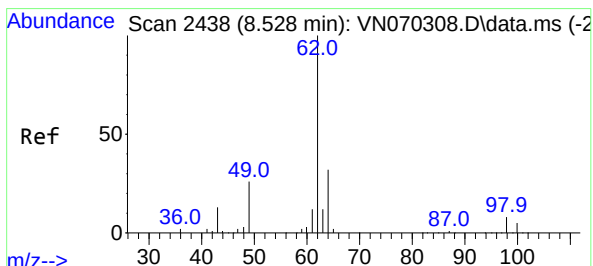
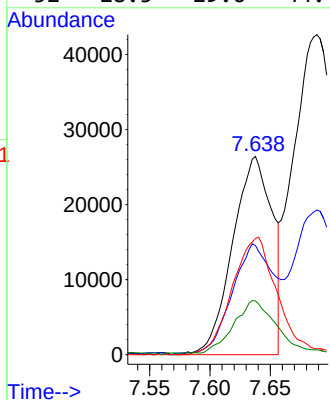
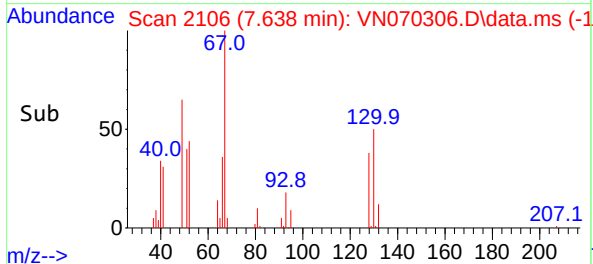
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 60054
Ion Ratio Lower Upper
41 100
39 59.8 48.1 72.1
67 68.3 68.3 102.5
52 28.5 29.6 44.4#

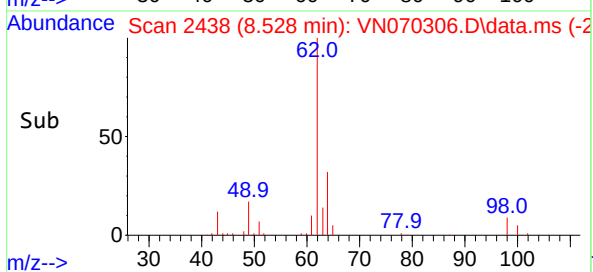
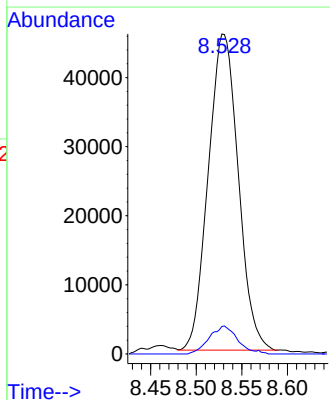
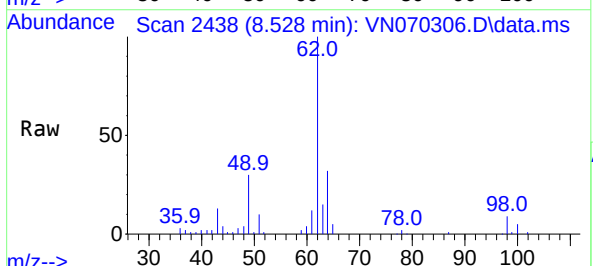
Manual Integrations
APPROVED

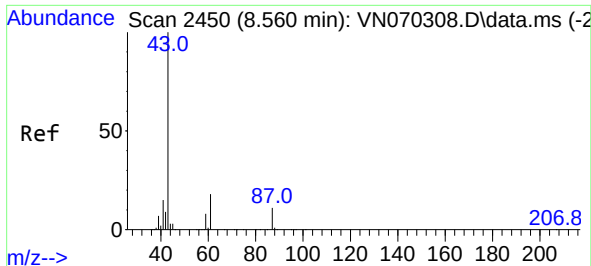
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#42
1,2-Dichloroethane
Concen: 4.88 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Tgt Ion: 62 Resp: 104805
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.6





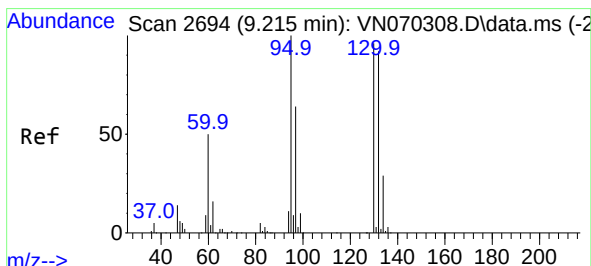
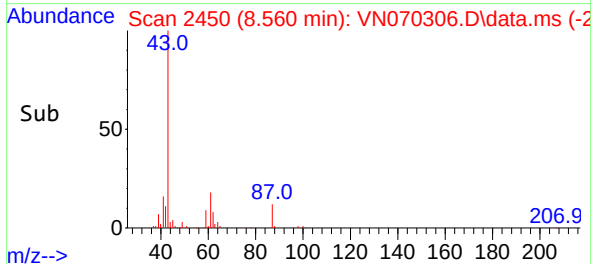
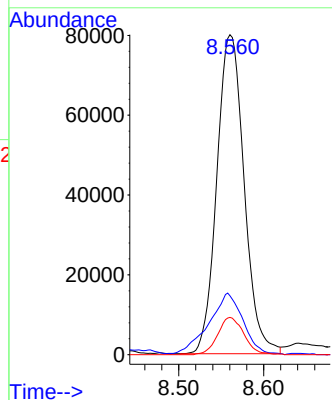
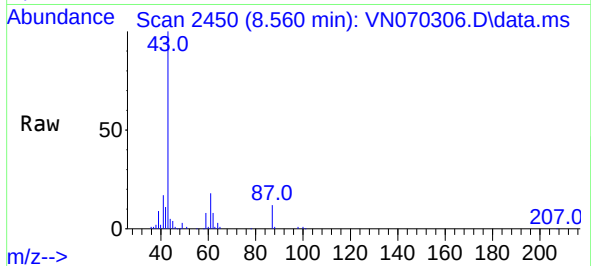
#43
Isopropyl Acetate
Concen: 4.67 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 178872
Ion Ratio Lower Upper
43 100
61 24.3 20.4 30.6
87 11.3 11.2 16.8

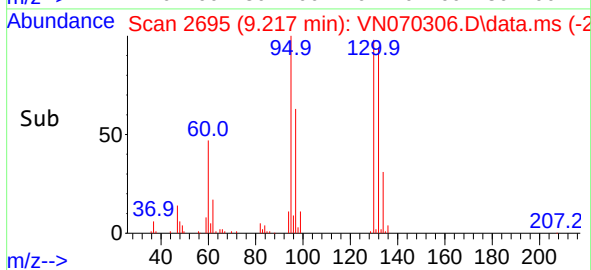
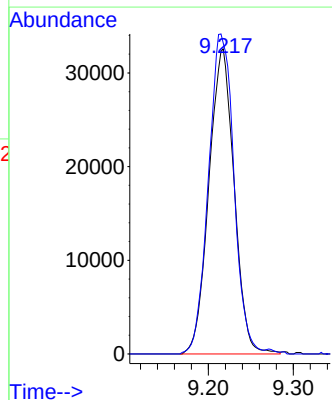
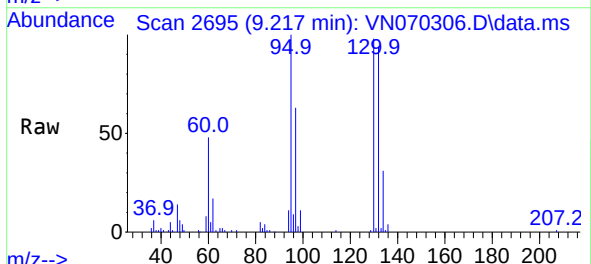
Manual Integrations
APPROVED

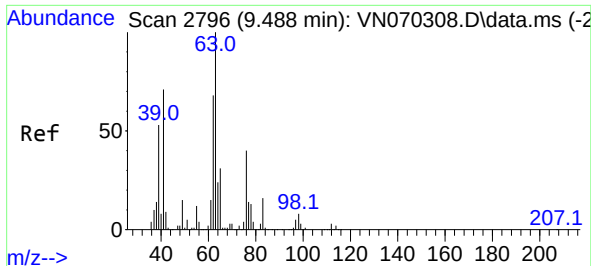
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#44
Trichloroethene
Concen: 5.23 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Tgt Ion:130 Resp: 67119
Ion Ratio Lower Upper
130 100
95 101.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 5.12 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070306.D

Acq: 27 Dec 2021 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 7438

Ion Ratio Lower Upper

63 100

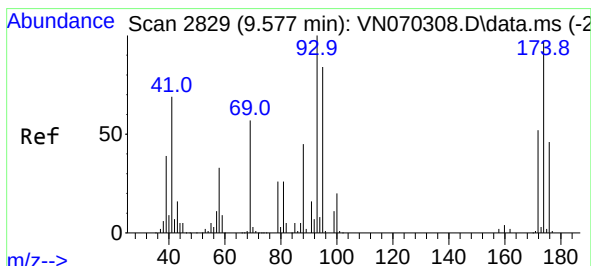
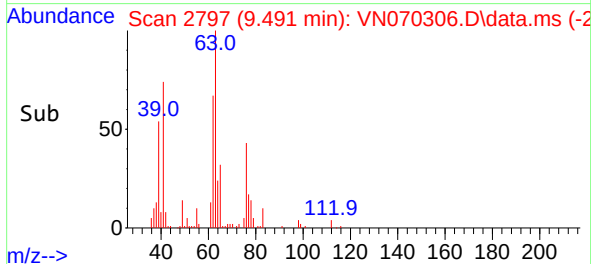
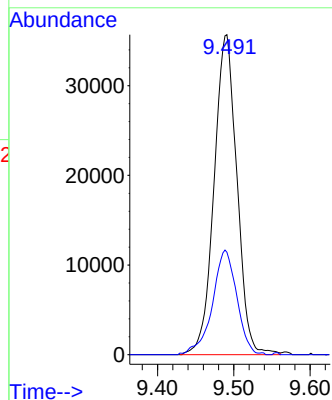
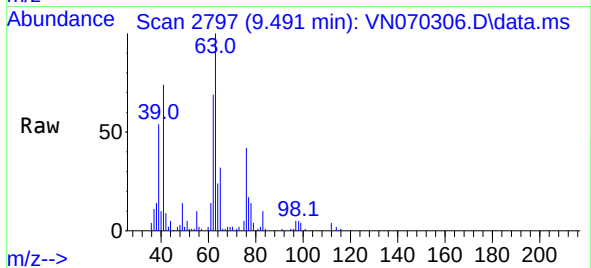
65 32.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2021

Supervised By :Semsettin Yesilyurt 12/30/2021



#46

Dibromomethane

Concen: 4.94 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070306.D

Acq: 27 Dec 2021 11:22

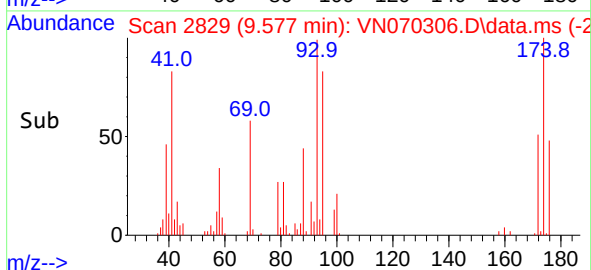
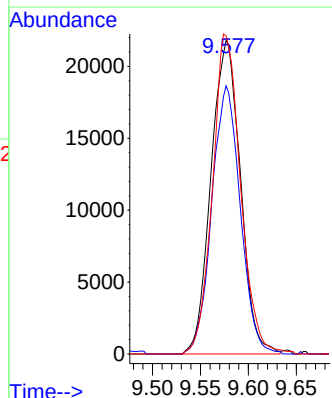
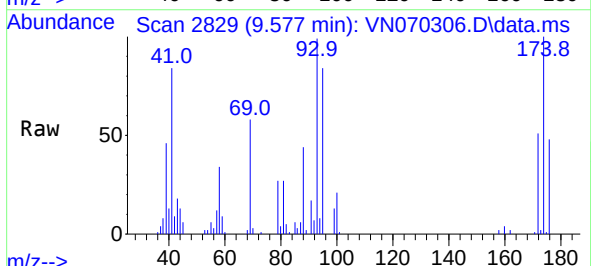
Tgt Ion: 93 Resp: 46502

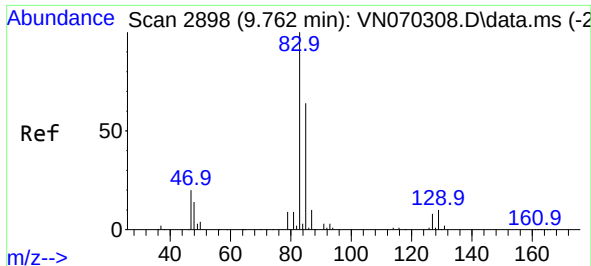
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 97.4 84.6 127.0





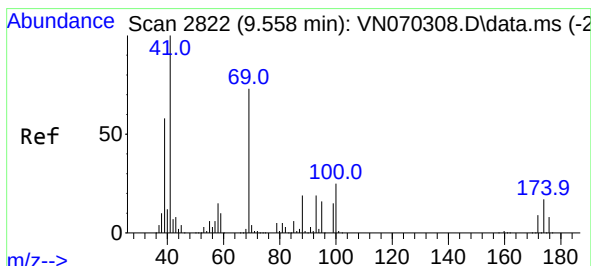
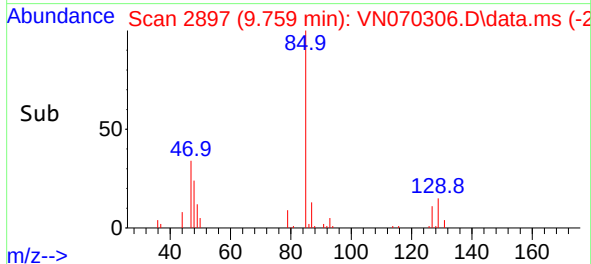
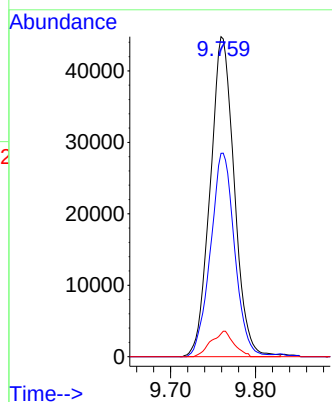
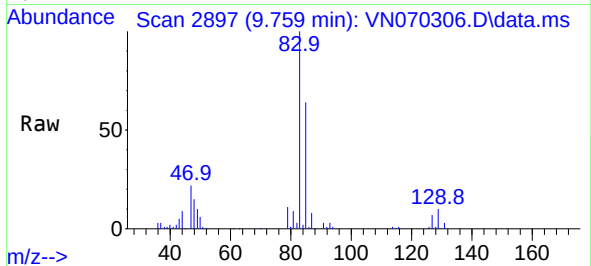
#47
Bromodichloromethane
Concen: 4.90 ug/l
RT: 9.759 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 8811
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 7.1 7.1 10.7

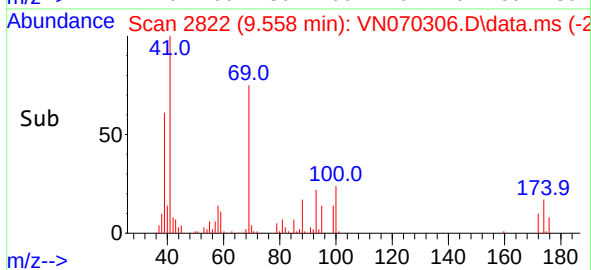
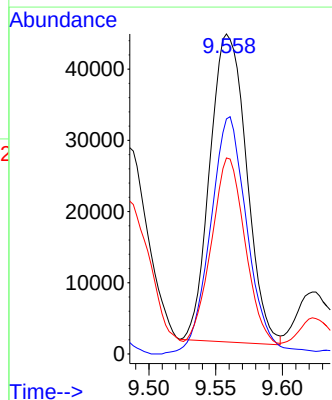
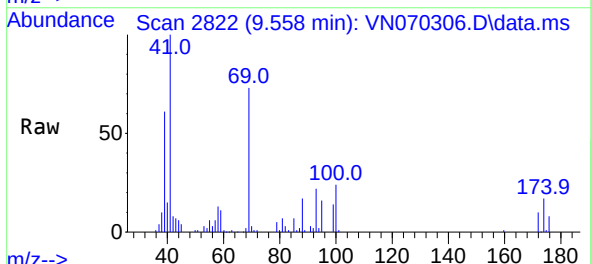
Manual Integrations
APPROVED

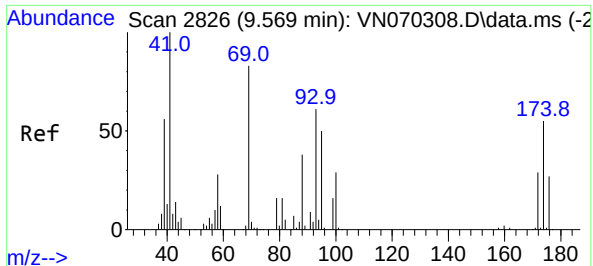
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#48
Methyl methacrylate
Concen: 4.56 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

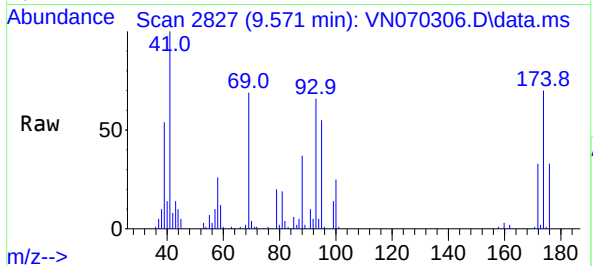
Tgt Ion: 41 Resp: 82652
Ion Ratio Lower Upper
41 100
69 77.7 72.4 108.6
39 61.2 58.4 87.6





#49
1,4-Dioxane
Concen: 74.50 ug/l
RT: 9.571 min Scan# 2826
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

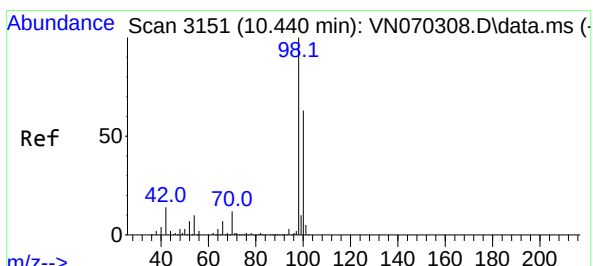
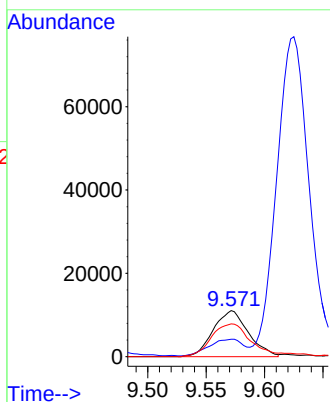
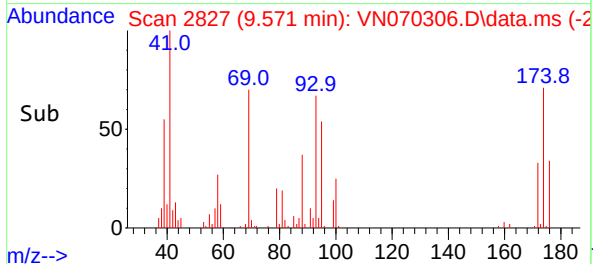
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 88 Resp: 23130
Ion Ratio Lower Upper
88 100
43 35.8 23.4 35.2
58 84.1 50.6 75.8

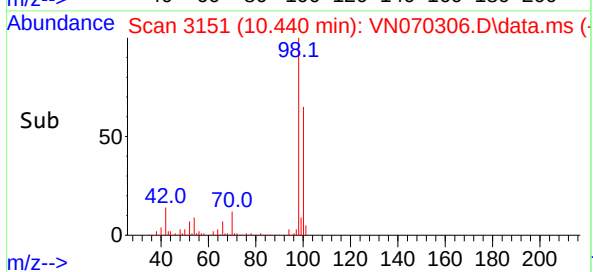
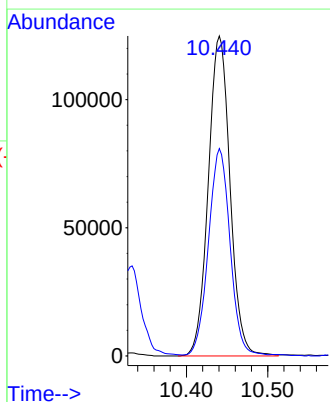
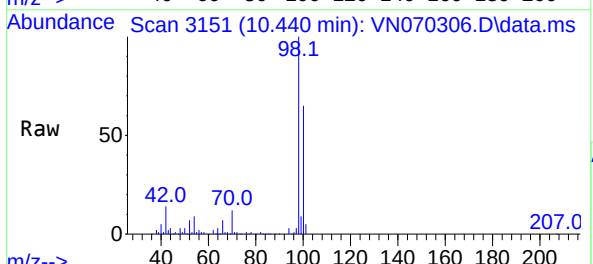
Manual Integrations
APPROVED

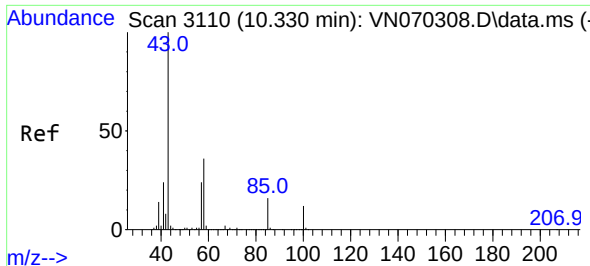
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#50
Toluene-d8
Concen: 5.06 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

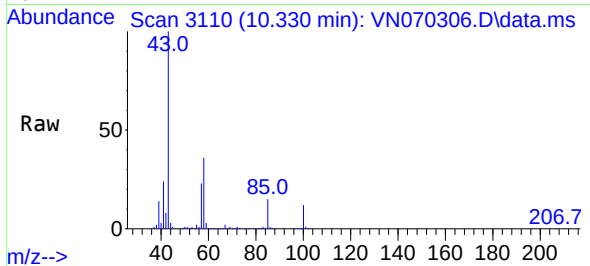
Tgt Ion: 98 Resp: 232051
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 23.21 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

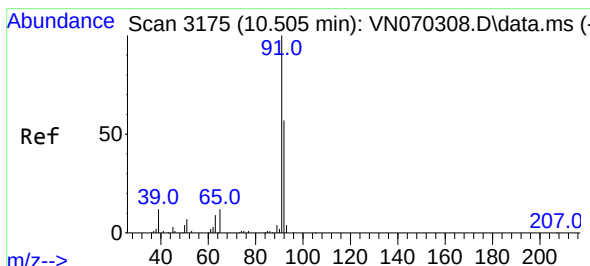
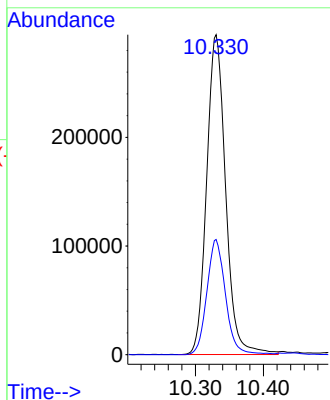
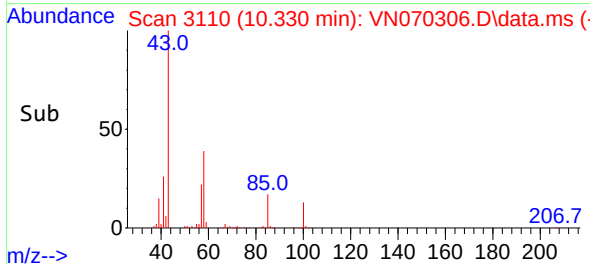
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



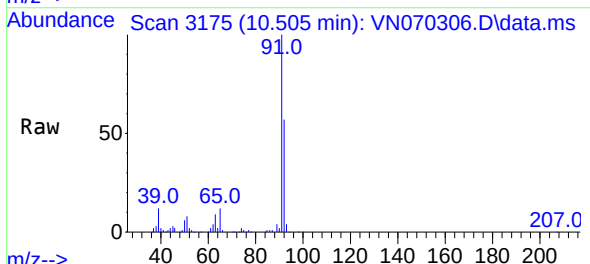
Tgt Ion: 43 Resp: 57156
Ion Ratio Lower Upper
43 100
58 35.5 30.4 45.6

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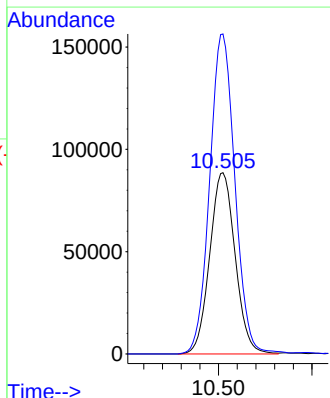
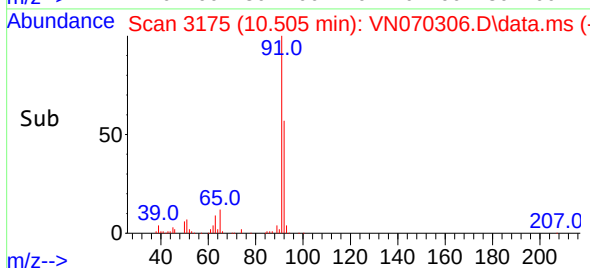
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

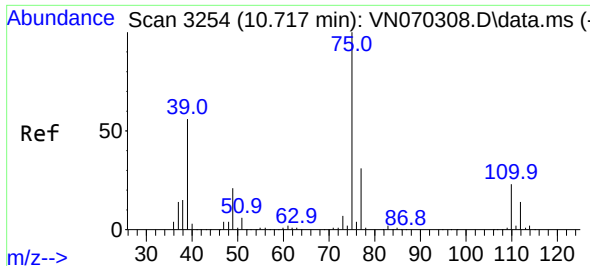


#52
Toluene
Concen: 5.10 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



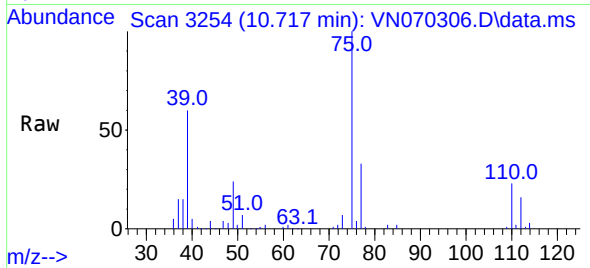
Tgt Ion: 92 Resp: 167676
Ion Ratio Lower Upper
92 100
91 175.0 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 4.80 ug/l
 RT: 10.717 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN070306.D
 Acq: 27 Dec 2021 11:22

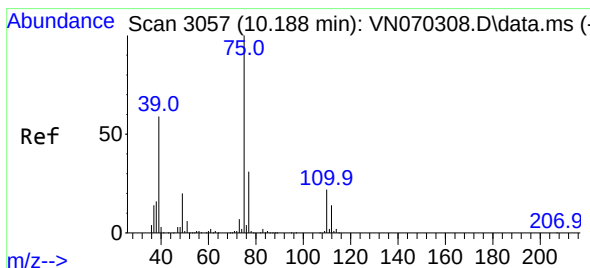
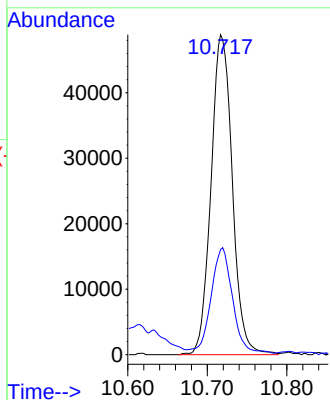
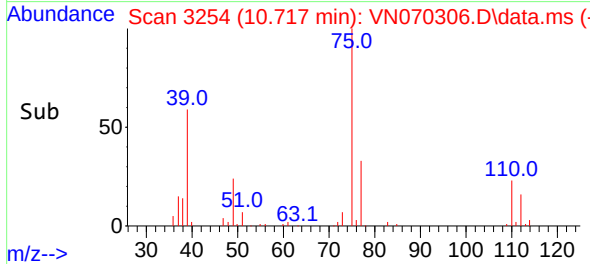
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



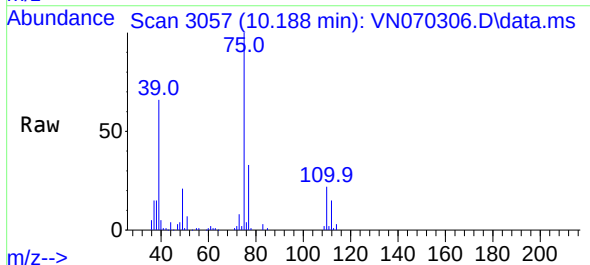
Tgt Ion: 75 Resp: 90919
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.6 38.4

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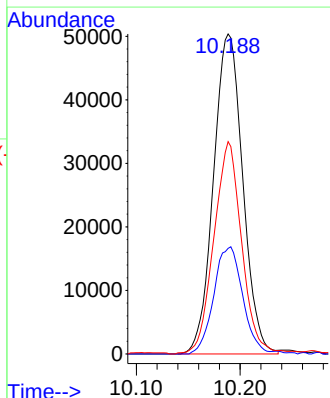
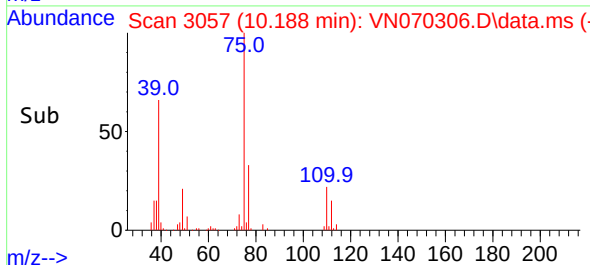
Reviewed By :John Carlone 12/28/2021
 Supervised By :Semsettin Yesilyurt 12/30/2021

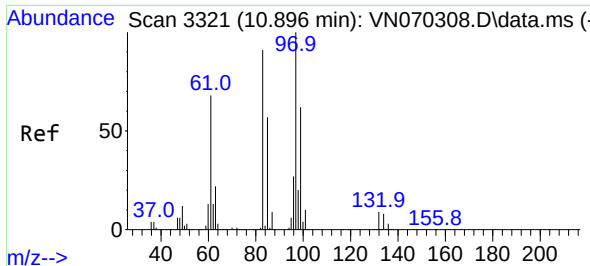


#54
 cis-1,3-Dichloropropene
 Concen: 4.84 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN070306.D
 Acq: 27 Dec 2021 11:22



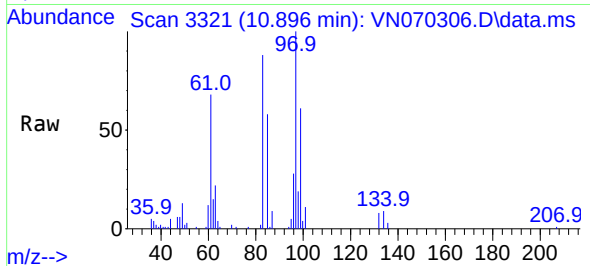
Tgt Ion: 75 Resp: 98544
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.4 39.6
 39 66.0 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 5.08 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

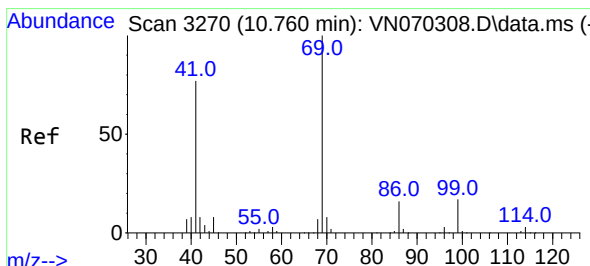
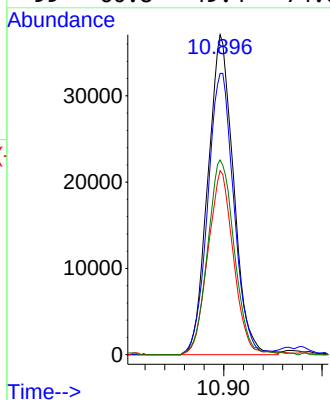
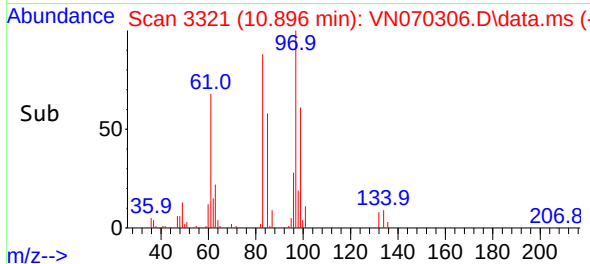


Tgt Ion: 97 Resp: 6710

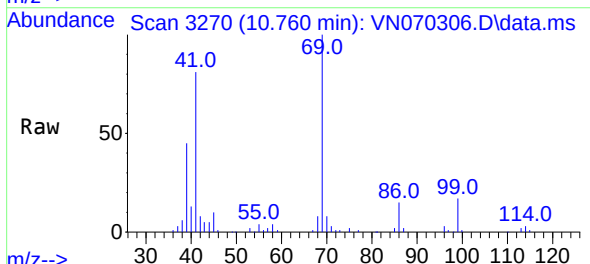
Ion	Ratio	Lower	Upper
97	100		
83	87.9	67.8	101.6
85	57.5	45.4	68.2
99	60.8	49.4	74.0

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

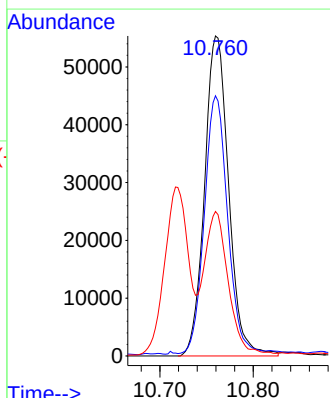
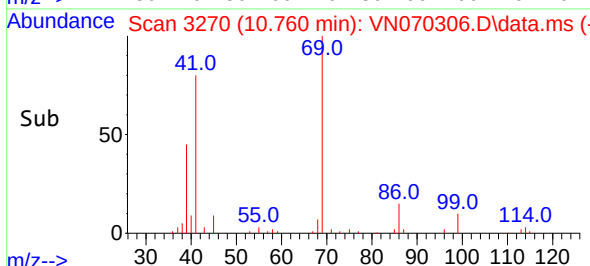


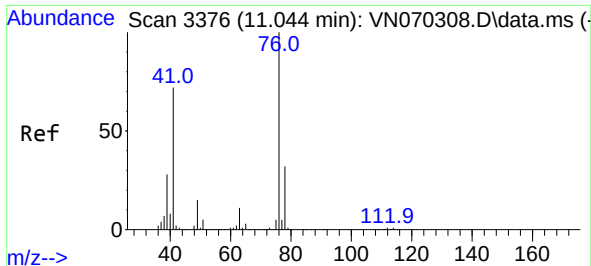
#56
Ethyl methacrylate
Concen: 4.45 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



Tgt Ion: 69 Resp: 99273

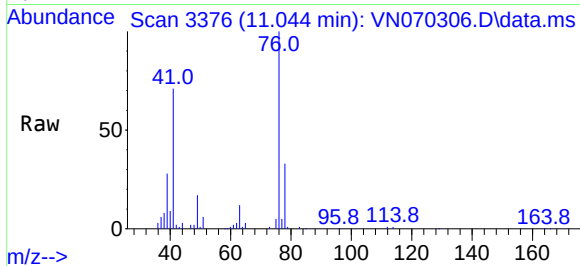
Ion	Ratio	Lower	Upper
69	100		
41	77.6	51.4	77.0#
39	42.9	34.6	52.0





#57
1,3-Dichloropropane
Concen: 5.05 ug/l
RT: 11.044 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

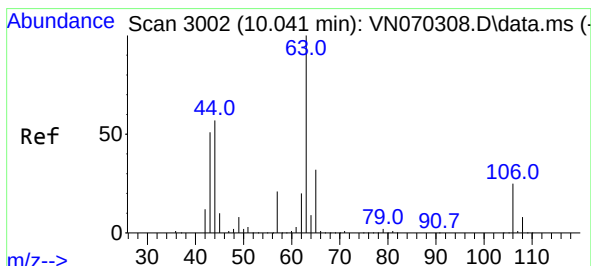
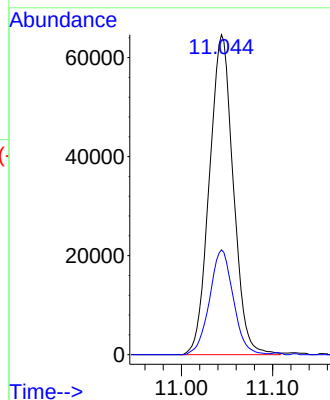
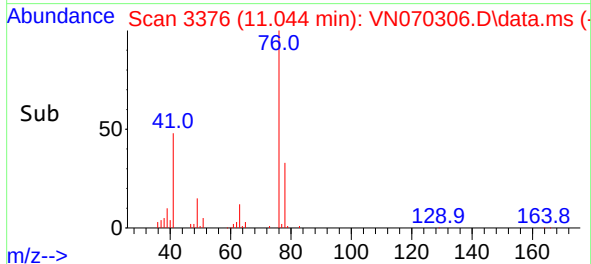
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



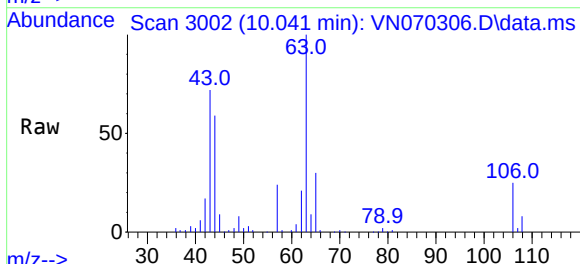
Tgt Ion: 76 Resp: 117569
Ion Ratio Lower Upper
76 100
78 32.6 25.7 38.5

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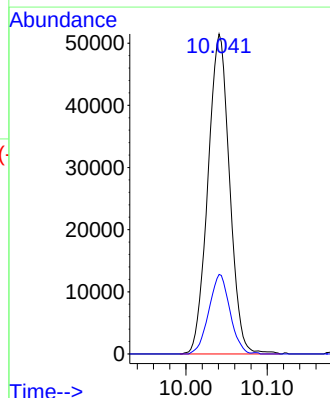
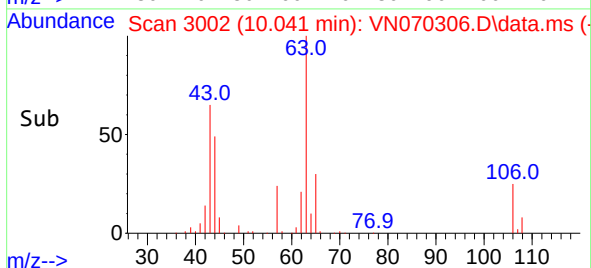
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

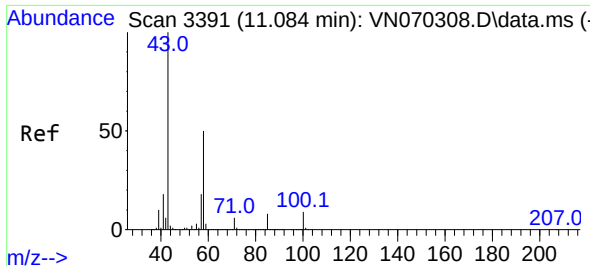


#58
2-Chloroethyl Vinyl ether
Concen: 17.35 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



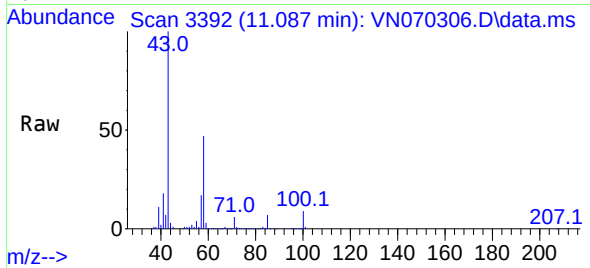
Tgt Ion: 63 Resp: 95206
Ion Ratio Lower Upper
63 100
106 24.2 23.9 35.9





#59
2-Hexanone
Concen: 20.92 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

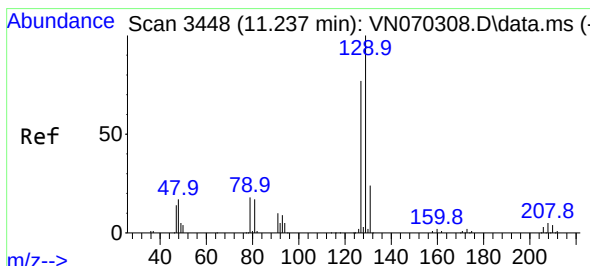
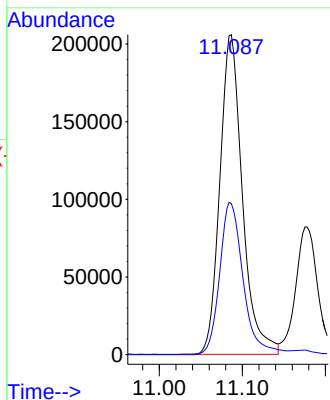
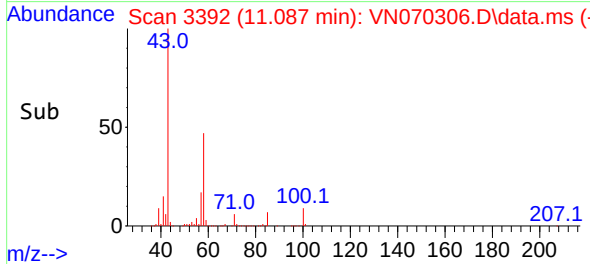
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 38948
Ion Ratio Lower Upper
43 100
58 49.5 26.9 80.7

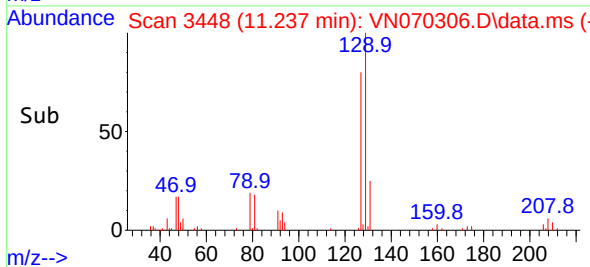
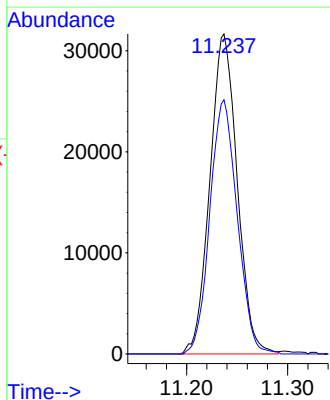
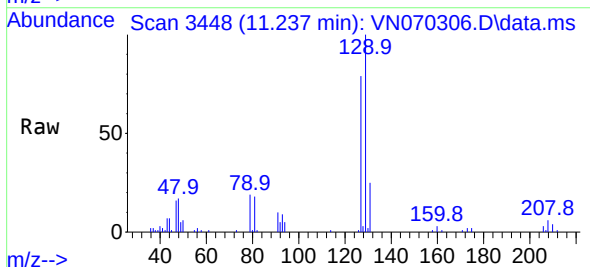
Manual Integrations
APPROVED

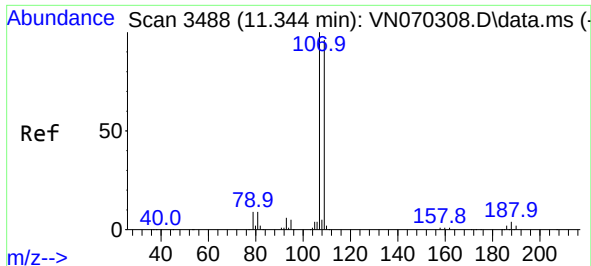
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#60
Dibromochloromethane
Concen: 4.73 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

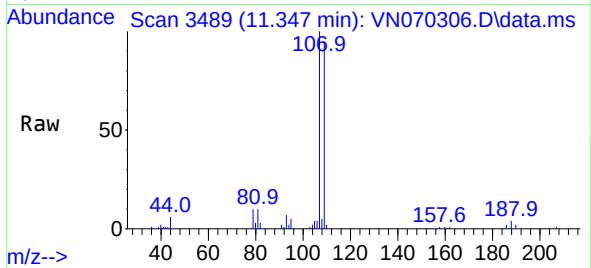
Tgt Ion:129 Resp: 59418
Ion Ratio Lower Upper
129 100
127 79.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 4.88 ug/l
RT: 11.347 min Scan# 3488
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

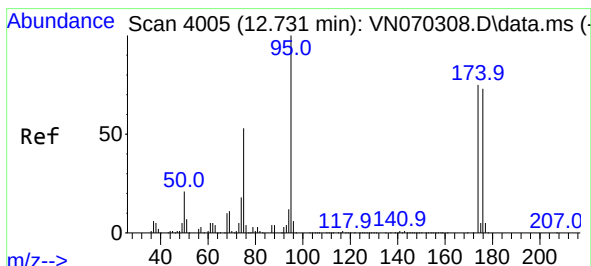
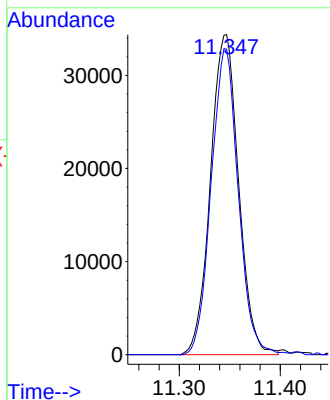
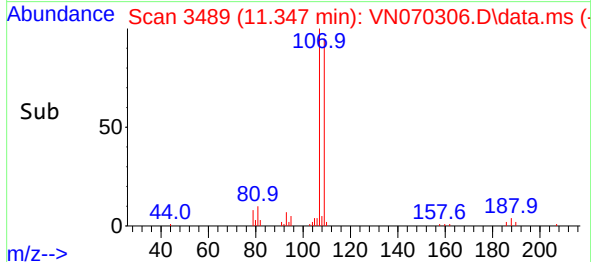
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



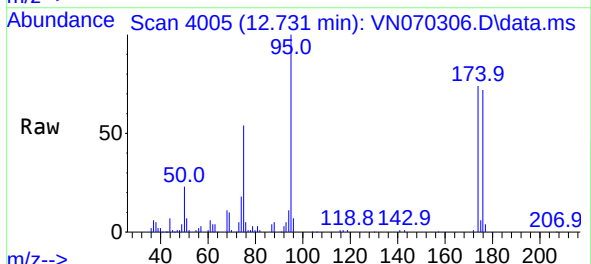
Tgt Ion:107 Resp: 66402
Ion Ratio Lower Upper
107 100
109 92.1 75.7 113.5

Manual Integrations
APPROVED

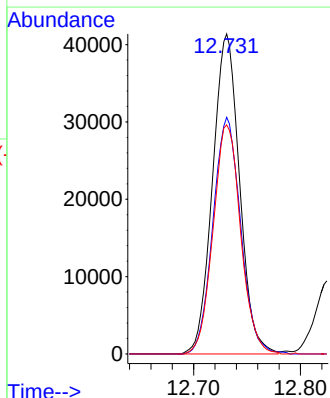
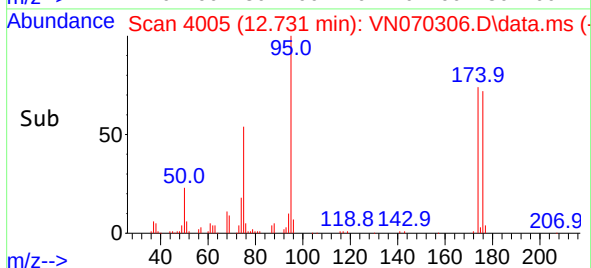
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

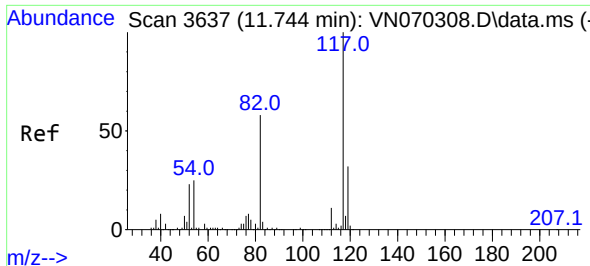


#62
4-Bromofluorobenzene
Concen: 4.33 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



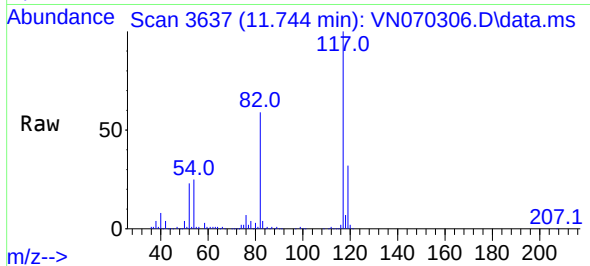
Tgt Ion: 95 Resp: 72436
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

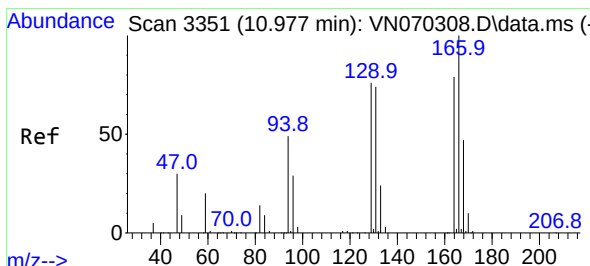
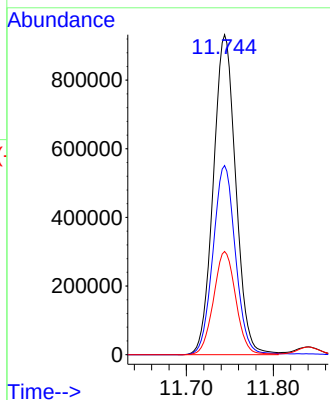
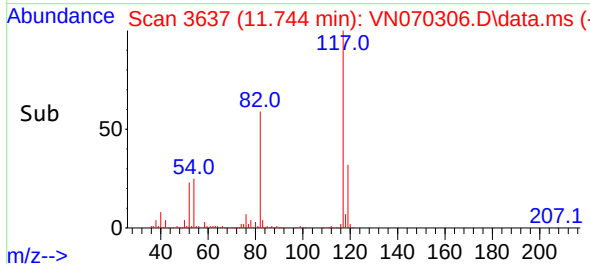
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



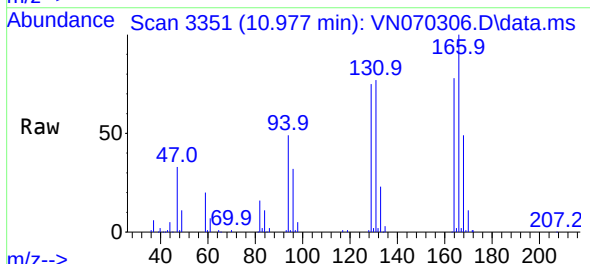
Tgt Ion:117 Resp: 167106
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
APPROVED

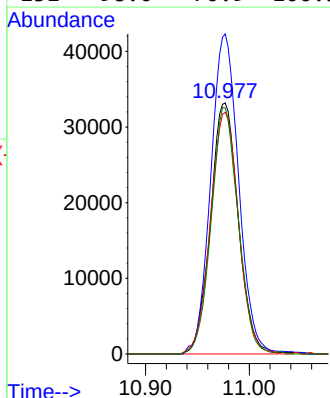
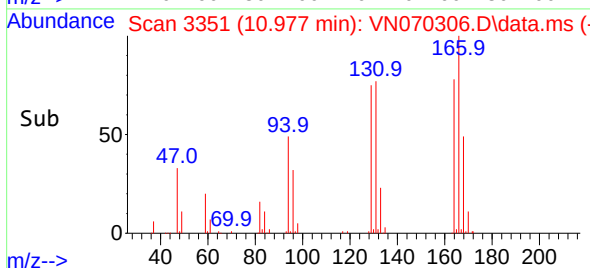
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

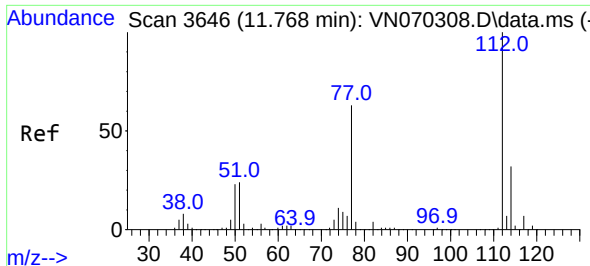


#64
Tetrachloroethene
Concen: 5.48 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



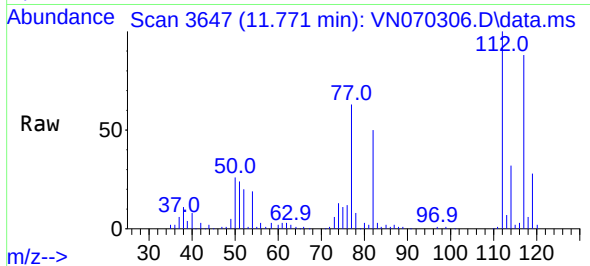
Tgt Ion:164 Resp: 61694
Ion Ratio Lower Upper
164 100
166 127.4 101.9 152.9
129 96.2 72.0 108.0
131 98.0 70.9 106.3





#65
Chlorobenzene
Concen: 5.23 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

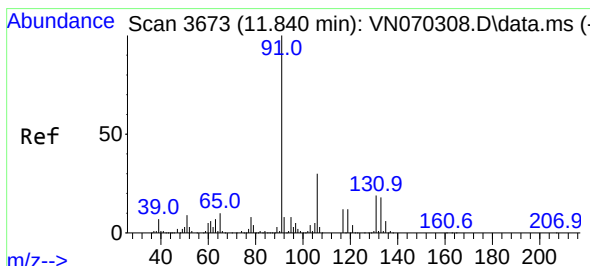
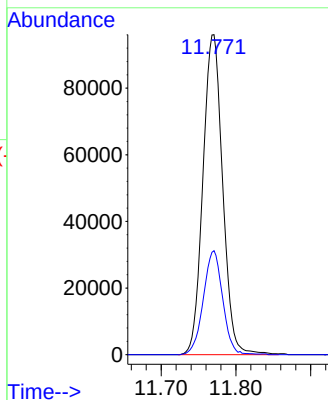
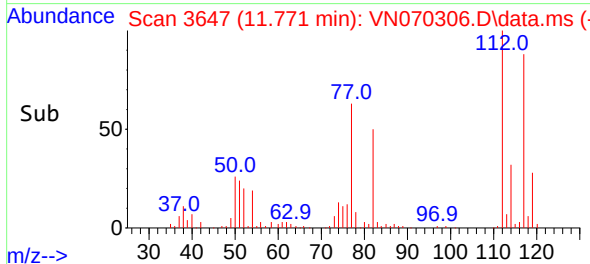
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



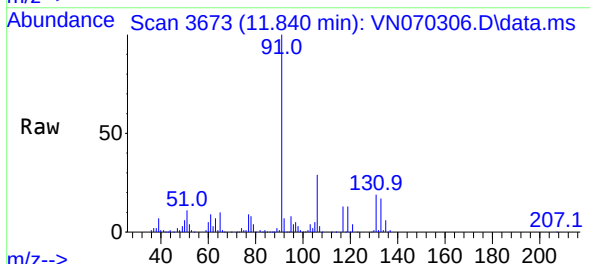
Tgt Ion:112 Resp: 176285
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0

Manual Integrations
APPROVED

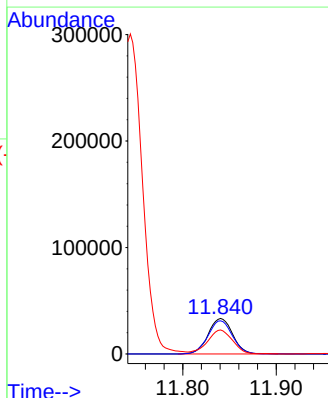
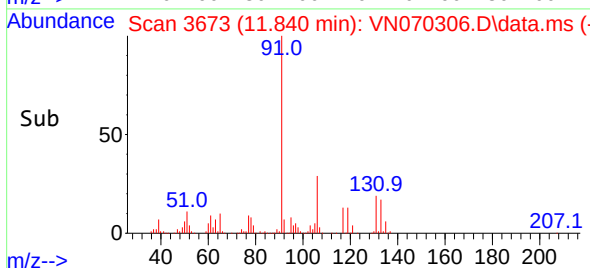
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

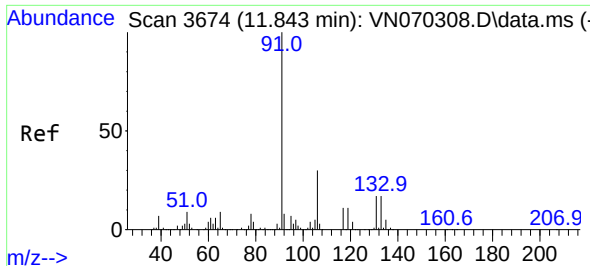


#66
1,1,1,2-Tetrachloroethane
Concen: 5.14 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



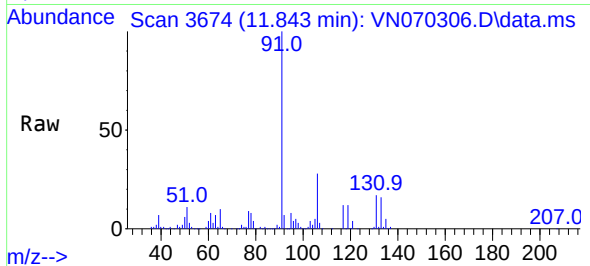
Tgt Ion:131 Resp: 60763
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.7
119 67.2 32.1 96.5





#67
Ethyl Benzene
Concen: 5.18 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

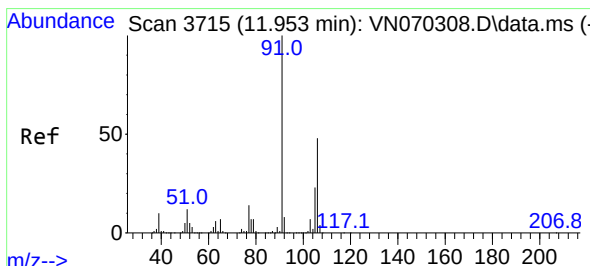
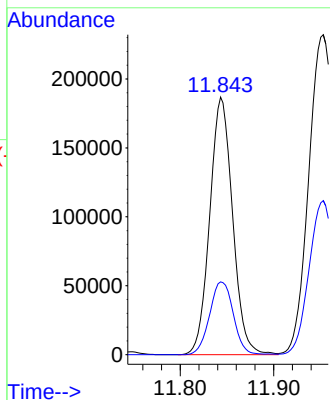
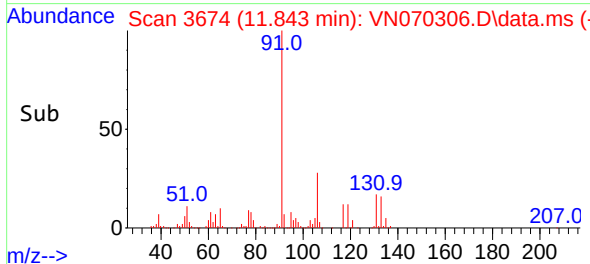
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



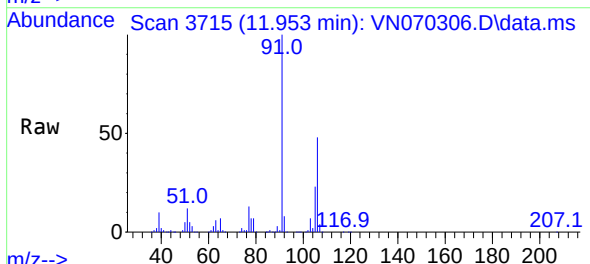
Tgt Ion: 91 Resp: 317114
Ion Ratio Lower Upper
91 100
106 28.3 25.7 38.5

Manual Integrations
APPROVED

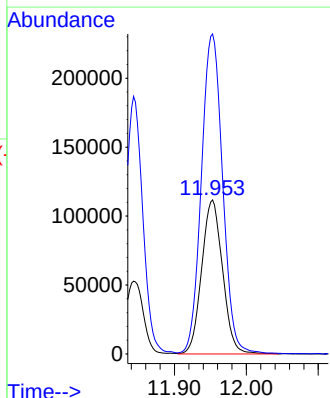
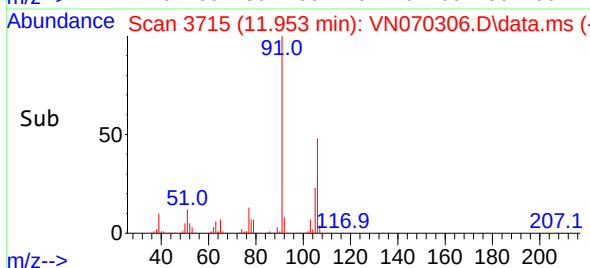
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

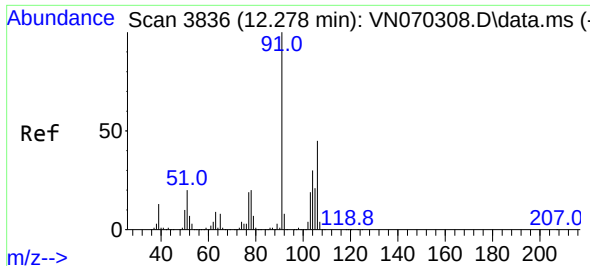


#68
m/p-Xylenes
Concen: 10.14 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



Tgt Ion:106 Resp: 226236
Ion Ratio Lower Upper
106 100
91 209.7 160.6 240.8





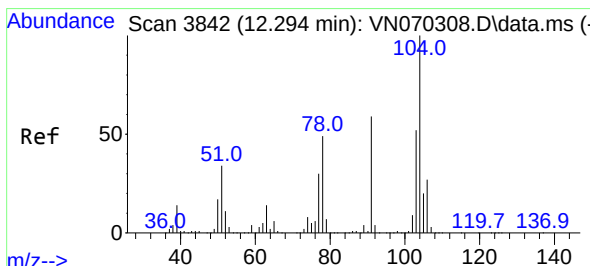
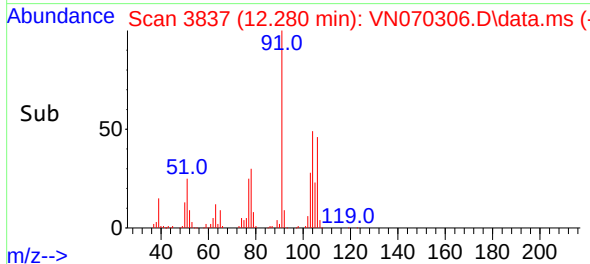
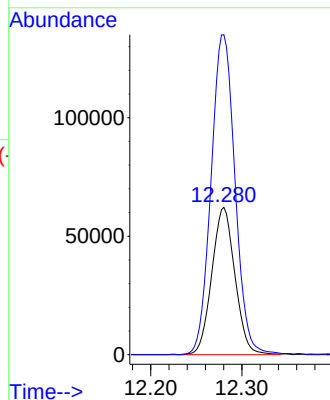
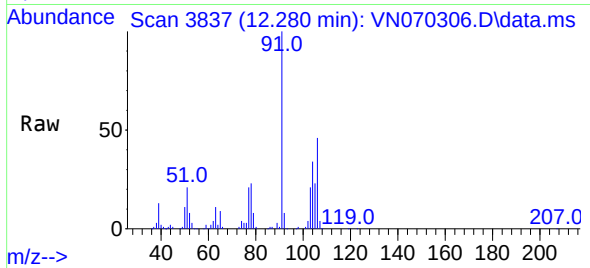
#69
o-Xylene
Concen: 4.88 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 109630
Ion Ratio Lower Upper
106 100
91 225.2 105.8 317.3

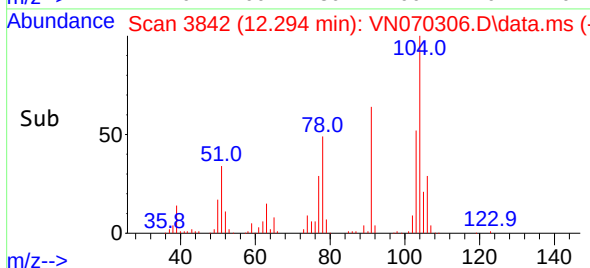
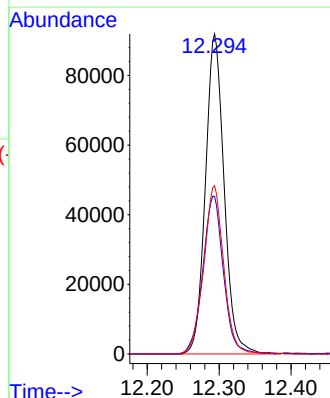
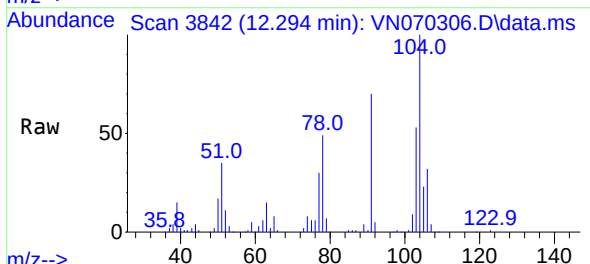
Manual Integrations
APPROVED

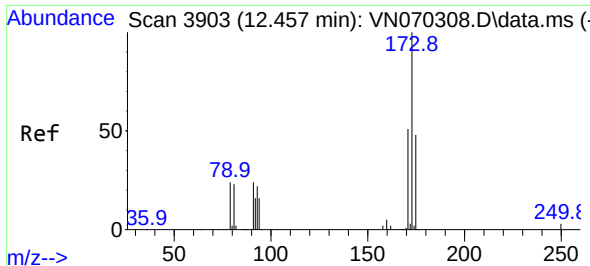
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#70
Styrene
Concen: 4.68 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Tgt Ion:104 Resp: 166817
Ion Ratio Lower Upper
104 100
78 54.1 38.7 58.1
103 56.4 45.0 67.6





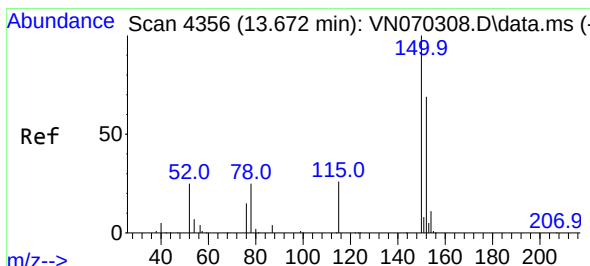
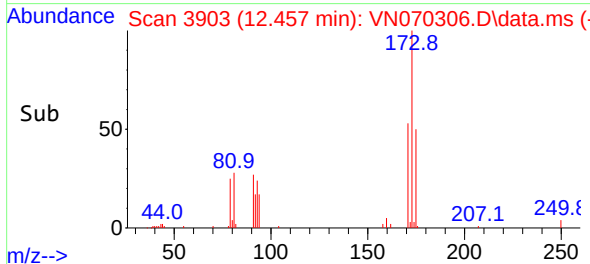
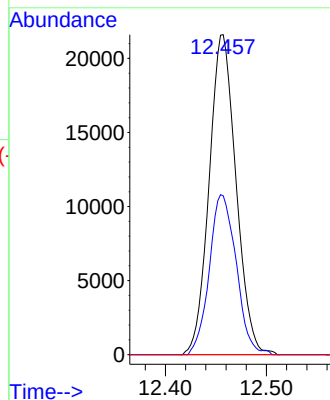
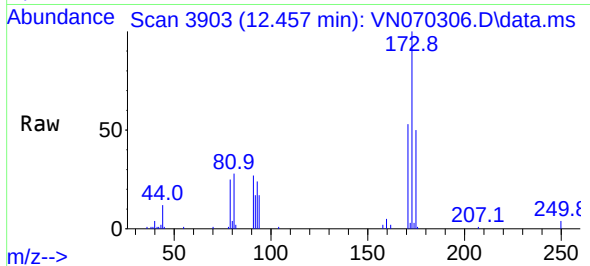
#71
Bromoform
Concen: 4.55 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 3994
Ion Ratio Lower Upper
173 100
175 50.0 24.2 72.6
254 0.0 0.0 0.0

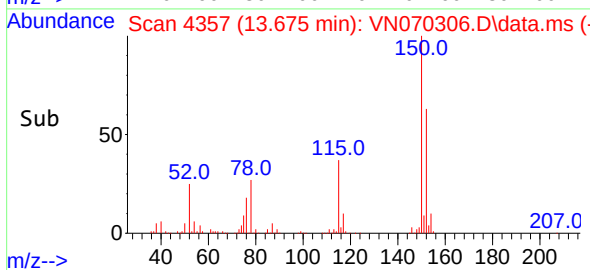
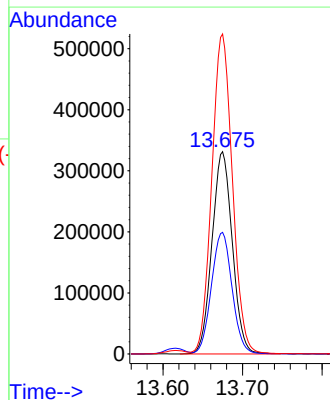
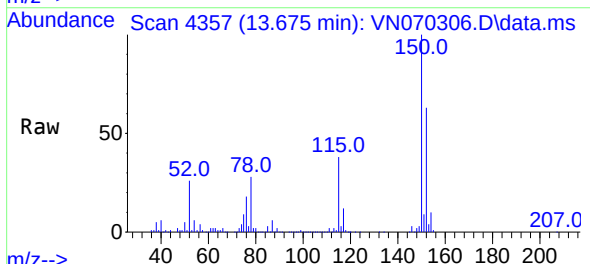
Manual Integrations
APPROVED

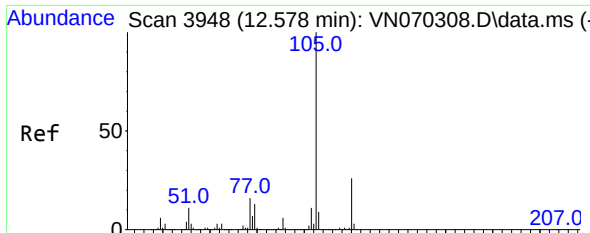
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

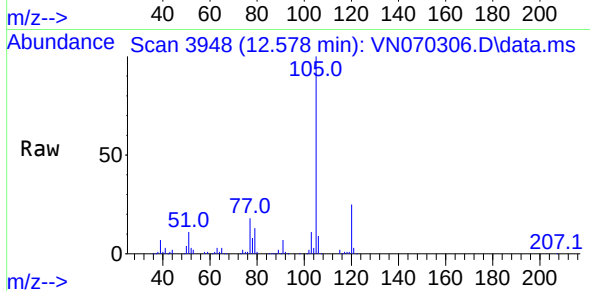
Tgt Ion:152 Resp: 588417
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 159.8 0.0 344.4





#73
Isopropylbenzene
Concen: 5.39 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

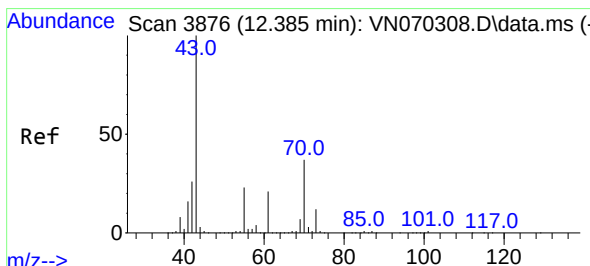
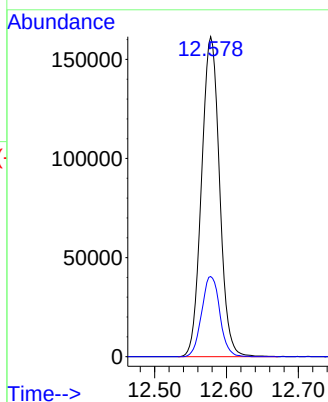
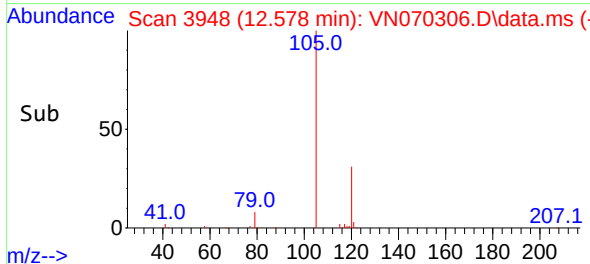
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



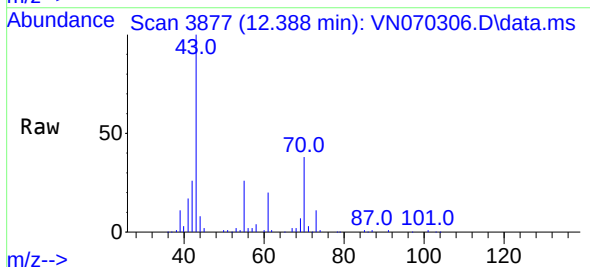
Tgt Ion: 105 Resp: 281556
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

Manual Integrations
APPROVED

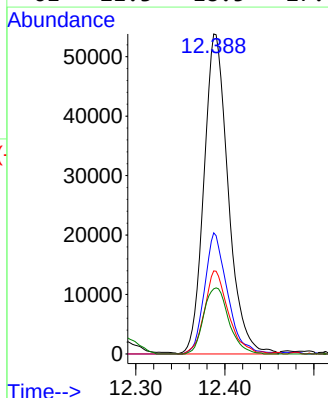
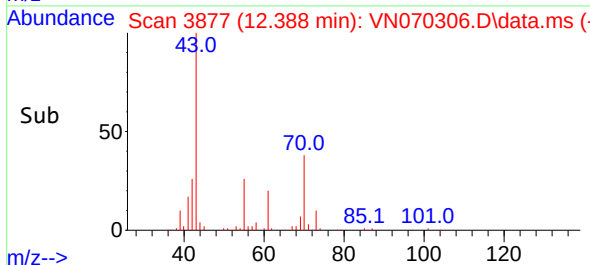
Reviewed By : John Carlone 12/28/2021
Supervised By : Semsettin Yesilyurt 12/30/2021

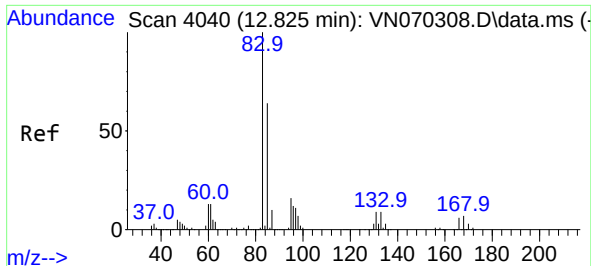


#74
N-ethyl acetate
Concen: 4.48 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



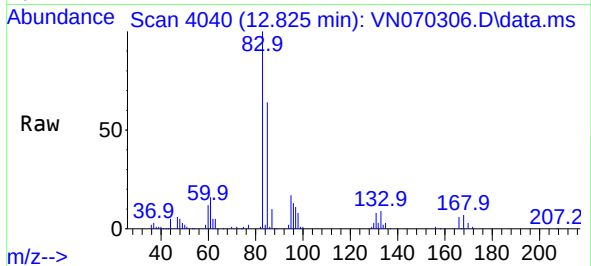
Tgt Ion: 43 Resp: 101963
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 25.3 19.3 28.9
61 21.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 5.54 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

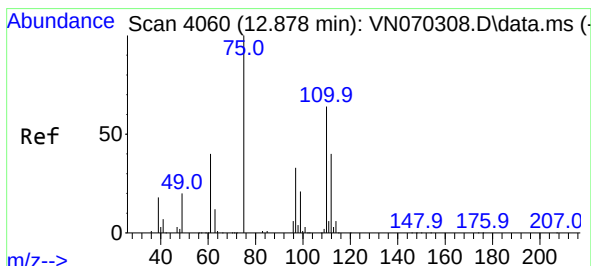
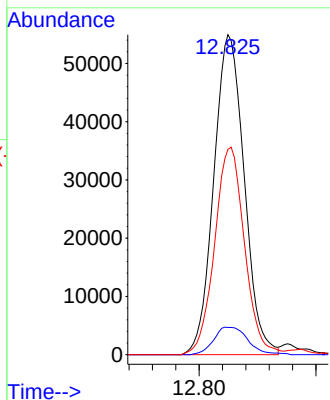
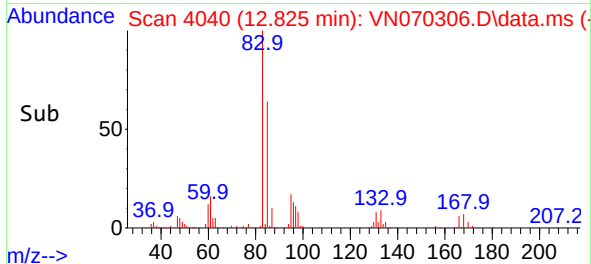
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



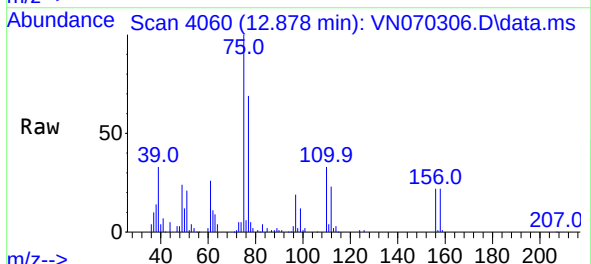
Tgt Ion: 83 Resp: 9930
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.5
85 63.8 32.4 97.2

Manual Integrations
APPROVED

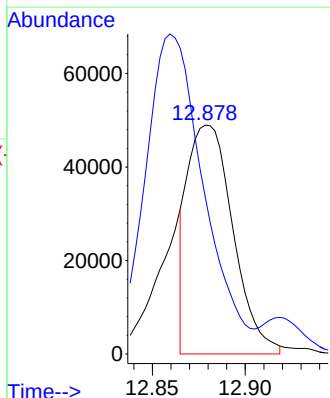
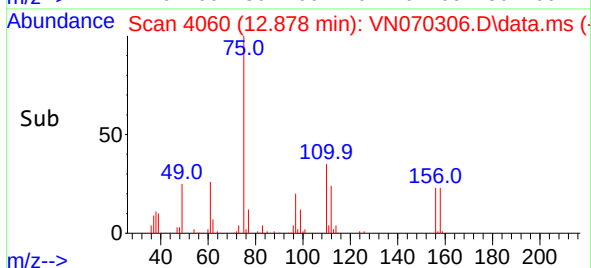
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

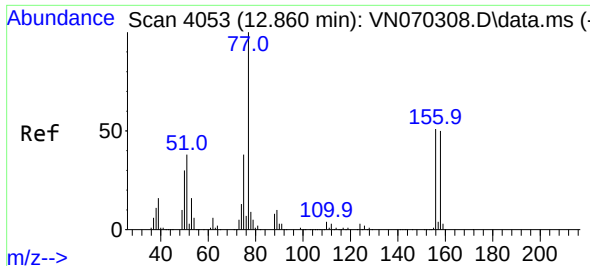


#76
1,2,3-Trichloropropane
Concen: 5.03 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



Tgt Ion: 75 Resp: 83144
Ion Ratio Lower Upper
75 100
77 180.9 82.6 247.8





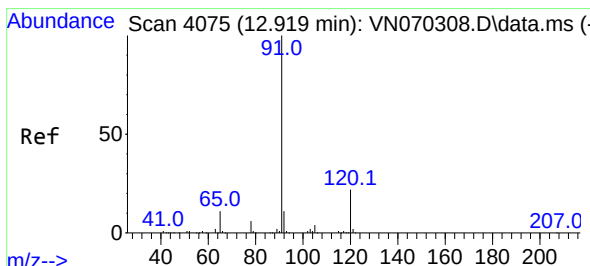
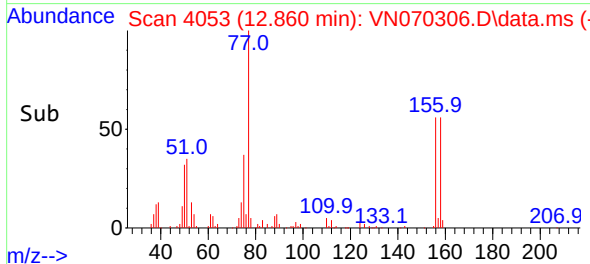
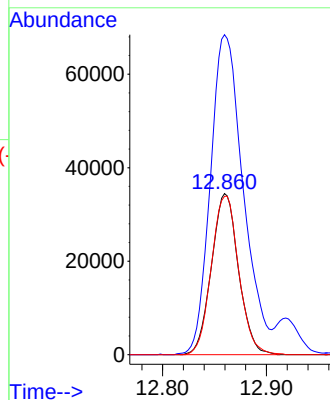
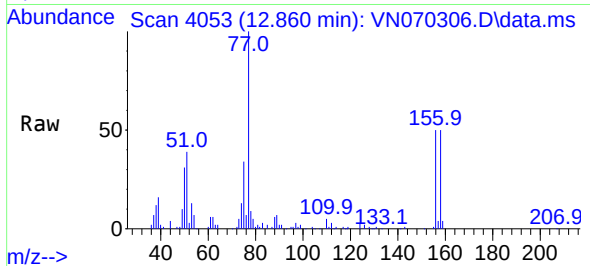
#77
Bromobenzene
Concen: 5.09 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 62389
Ion Ratio Lower Upper
156 100
77 241.1 90.6 271.8
158 99.8 48.9 146.7

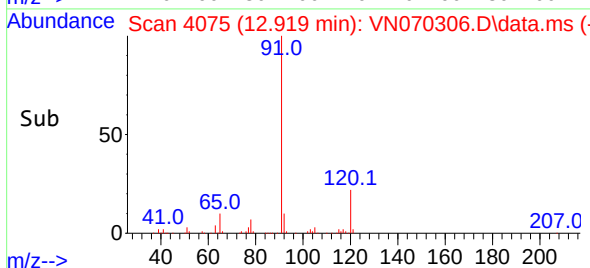
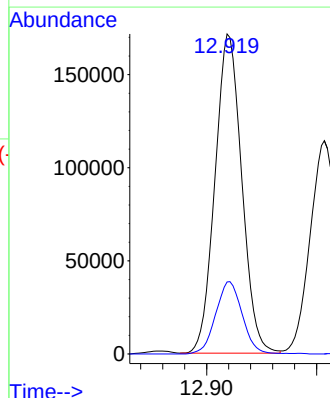
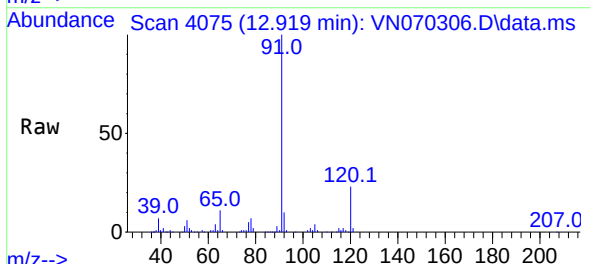
Manual Integrations
APPROVED

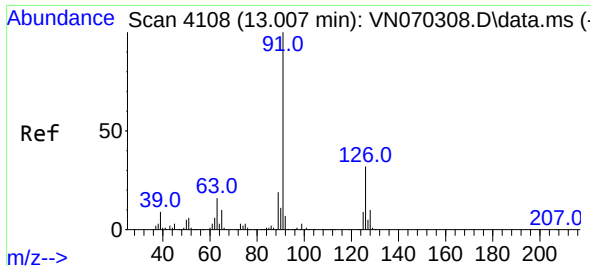
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#78
n-propylbenzene
Concen: 4.99 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Tgt Ion: 91 Resp: 289522
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9





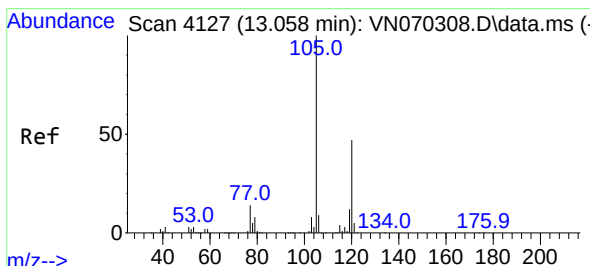
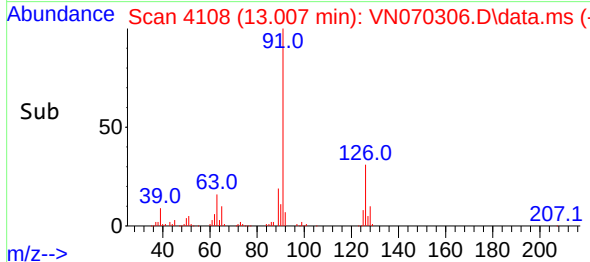
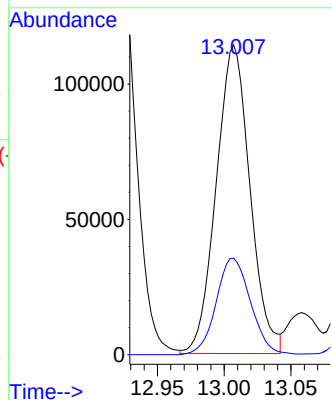
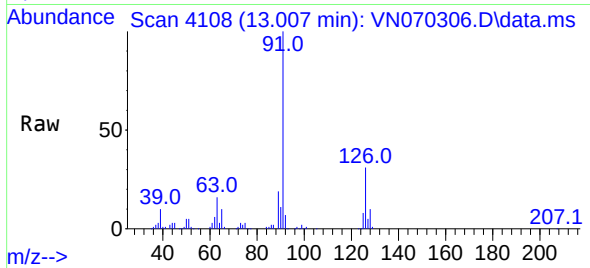
#79
2-Chlorotoluene
Concen: 5.47 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 201029
Ion Ratio Lower Upper
91 100
126 31.8 18.3 54.8

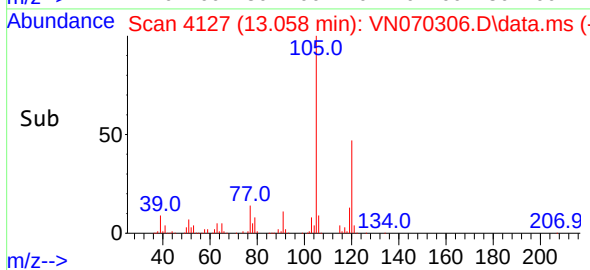
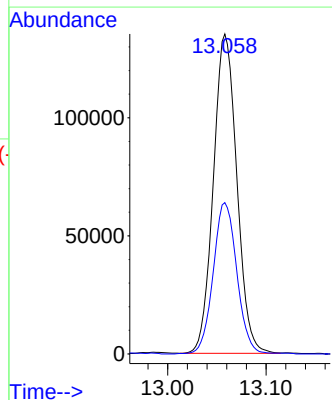
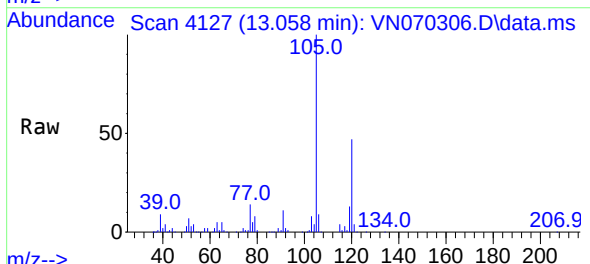
Manual Integrations
APPROVED

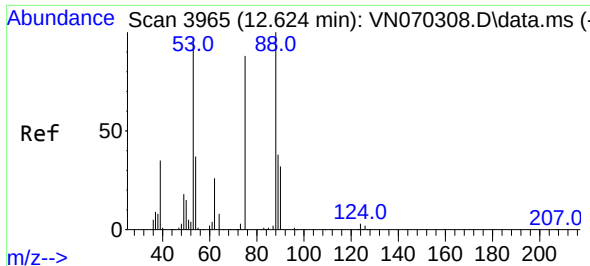
Reviewed By :John Carbone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#80
1,3,5-Trimethylbenzene
Concen: 5.33 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

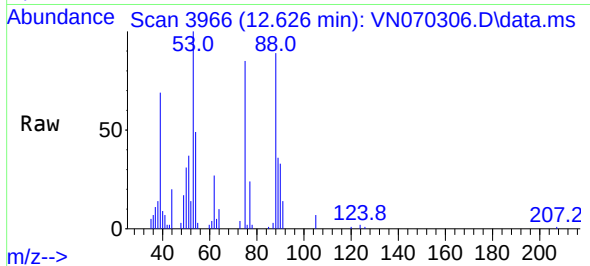
Tgt Ion:105 Resp: 224143
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 4.44 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

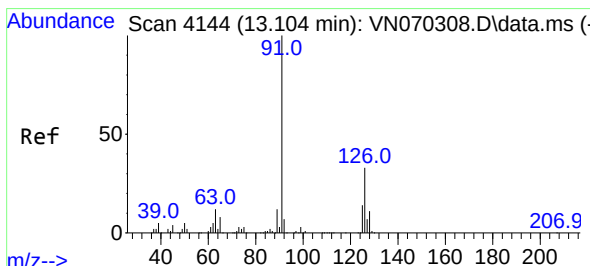
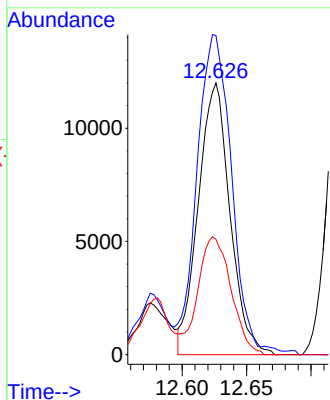
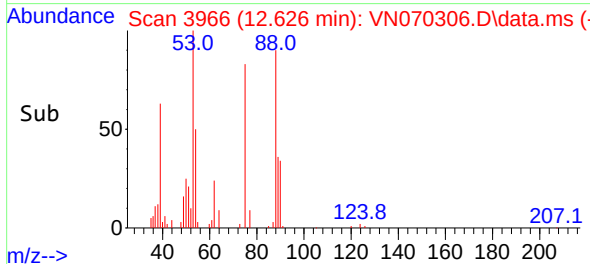
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 2053
Ion Ratio Lower Upper
75 100
53 126.0 90.5 135.7
89 45.1 38.2 57.4

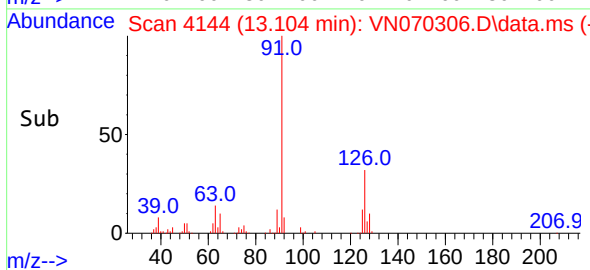
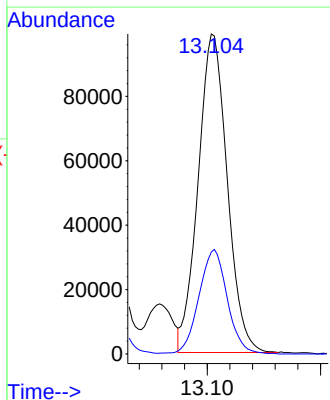
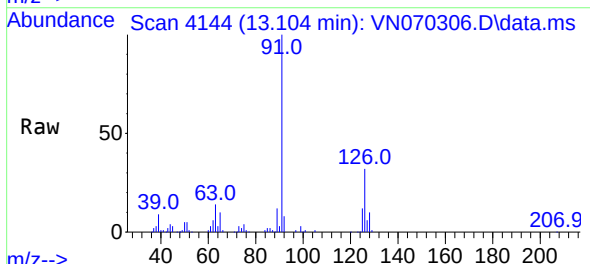
Manual Integrations
APPROVED

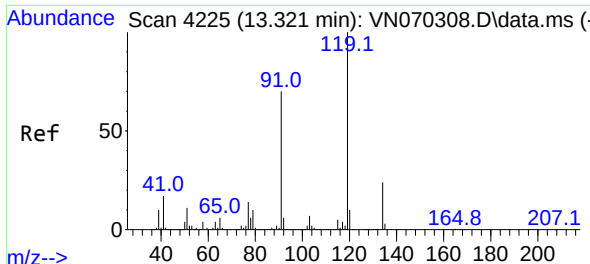
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021



#82
4-Chlorotoluene
Concen: 5.11 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

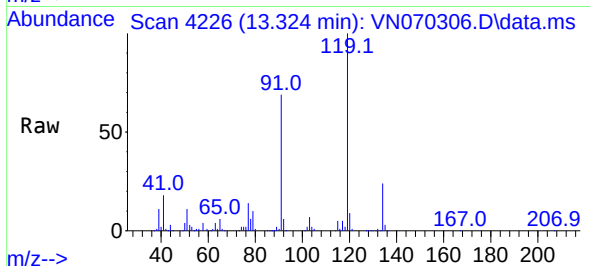
Tgt Ion: 91 Resp: 176576
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 5.25 ug/l
RT: 13.324 min Scan# 4225
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

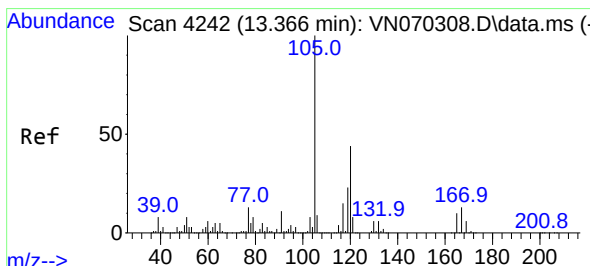
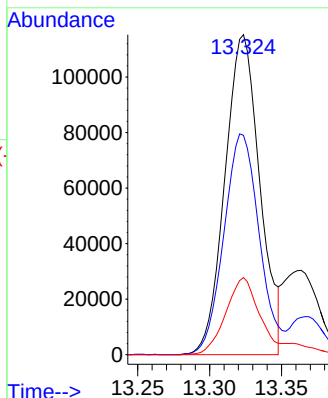
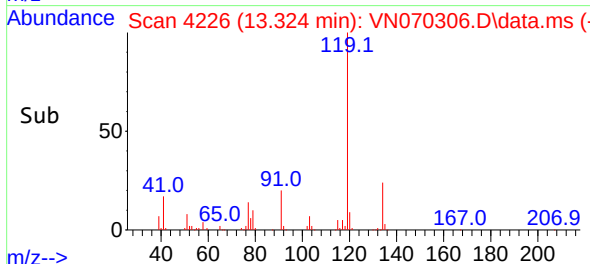
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



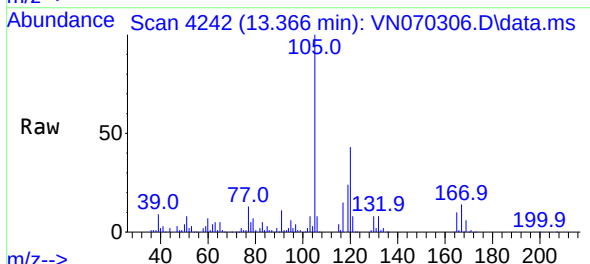
Tgt Ion:119 Resp: 19499
Ion Ratio Lower Upper
119 100
91 70.5 31.5 94.5
134 26.2 12.4 37.4

Manual Integrations
APPROVED

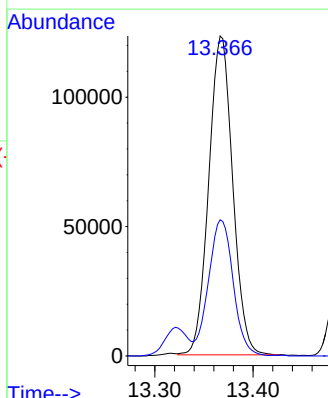
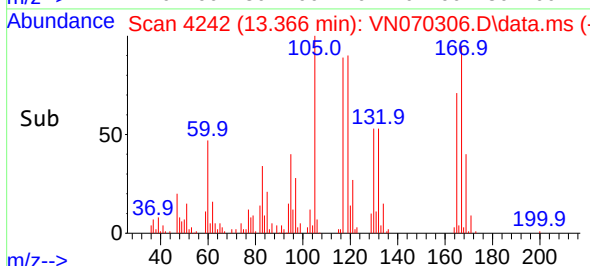
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

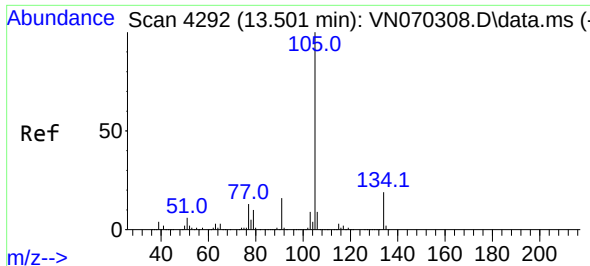


#84
1,2,4-Trimethylbenzene
Concen: 5.21 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



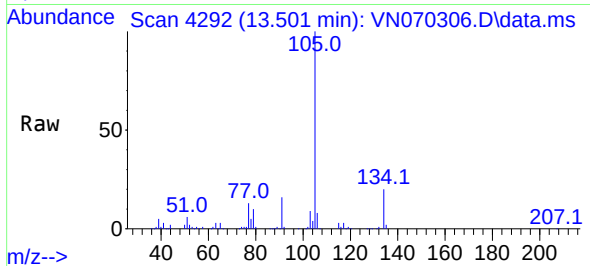
Tgt Ion:105 Resp: 208667
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 5.09 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. 0.000 min
 Lab File: VN070306.D
 Acq: 27 Dec 2021 11:22

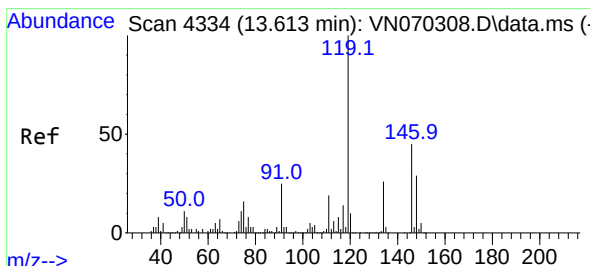
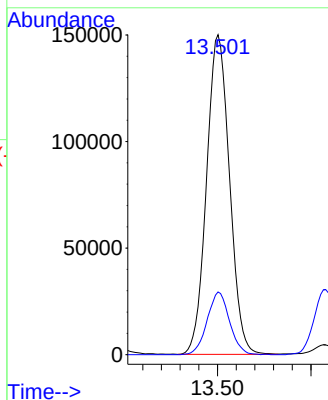
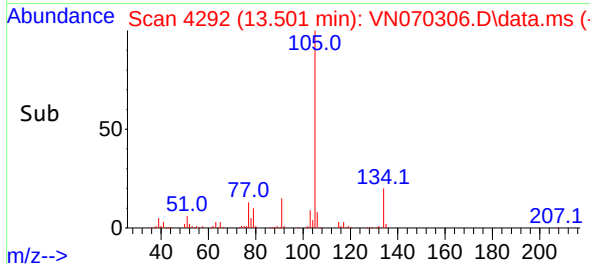
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



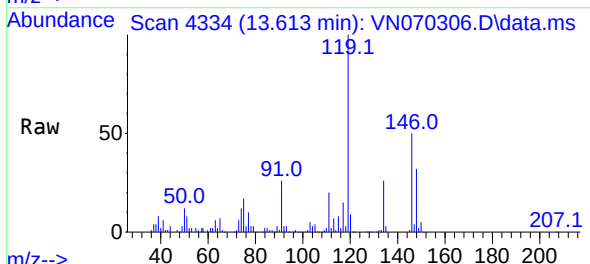
Tgt Ion:105 Resp: 25625
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

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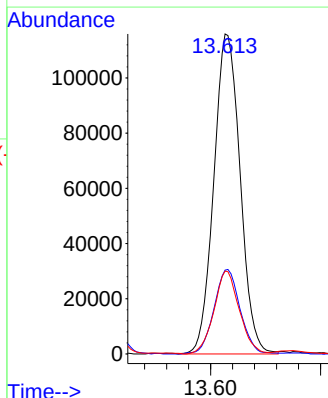
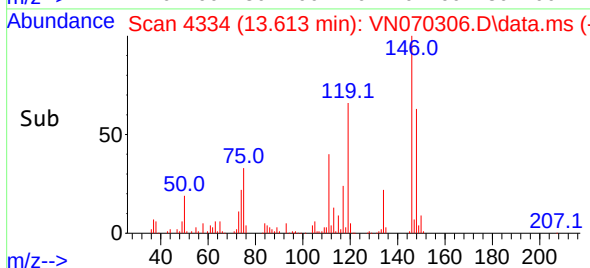
Reviewed By :John Carlone 12/28/2021
 Supervised By :Semsettin Yesilyurt 12/30/2021

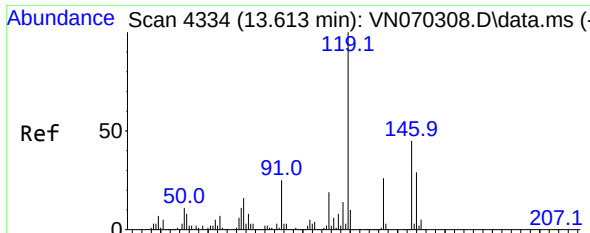


#86
 p-Isopropyltoluene
 Concen: 4.88 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.000 min
 Lab File: VN070306.D
 Acq: 27 Dec 2021 11:22



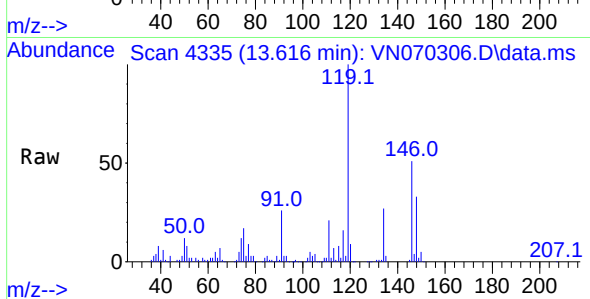
Tgt Ion:119 Resp: 192534
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 25.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 5.15 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

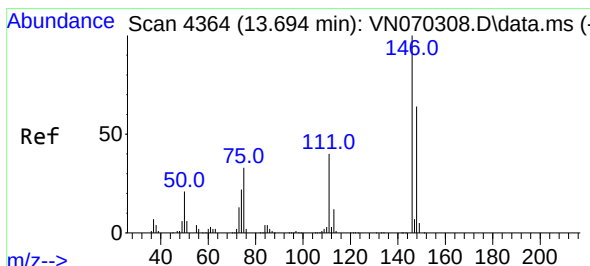
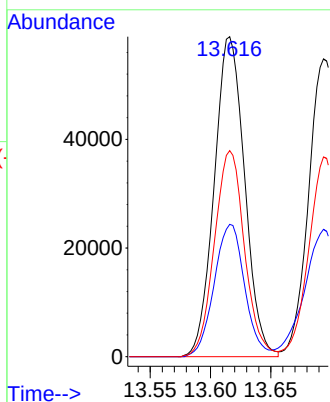
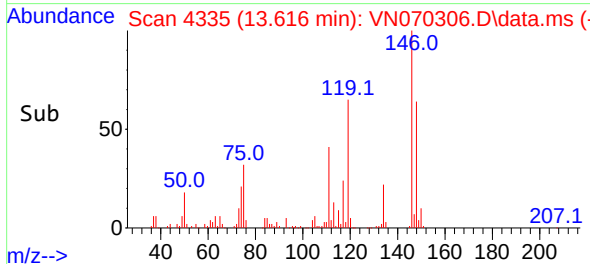
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



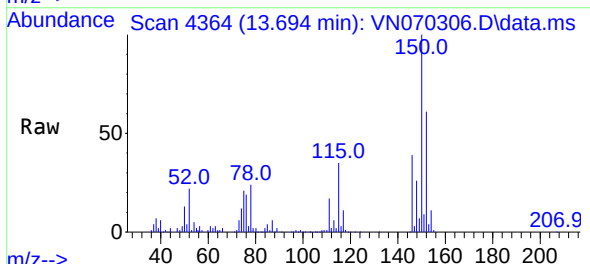
Tgt Ion:146 Resp: 103340
Ion Ratio Lower Upper
146 100
111 41.5 18.6 55.6
148 63.9 31.6 95.0

Manual Integrations
APPROVED

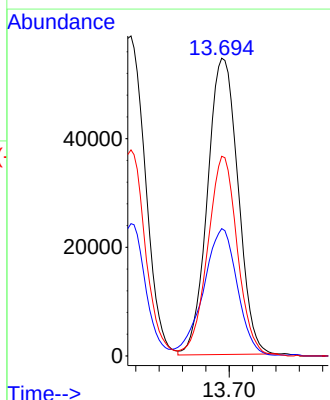
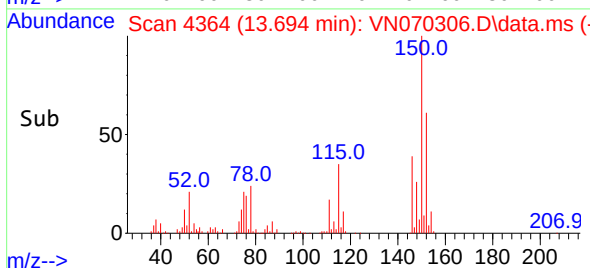
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

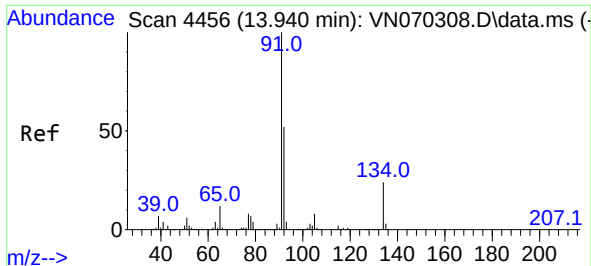


#88
1,4-Dichlorobenzene
Concen: 5.03 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



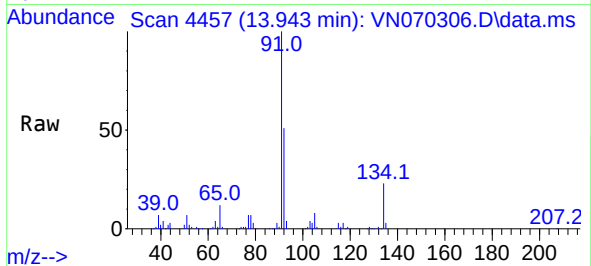
Tgt Ion:146 Resp: 99276
Ion Ratio Lower Upper
146 100
111 47.3 18.3 54.8
148 65.9 31.8 95.4





#89
n-Butylbenzene
Concen: 4.66 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

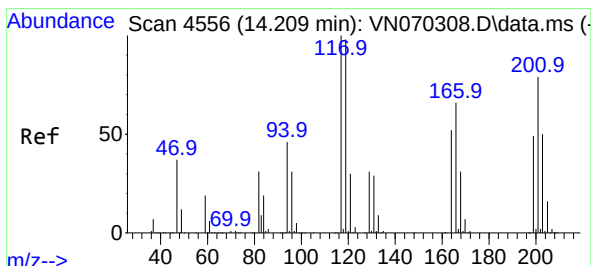
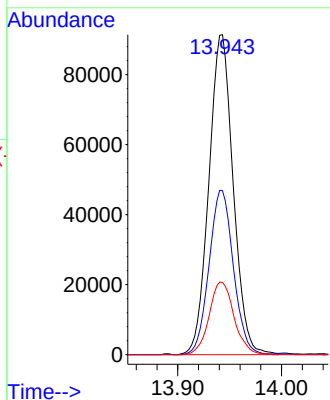
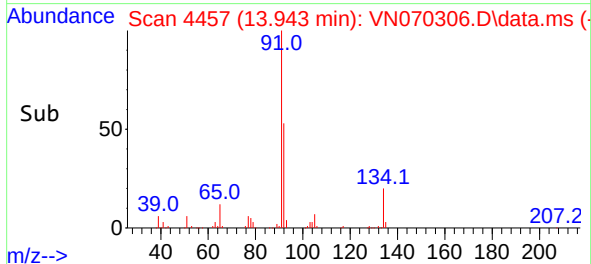
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



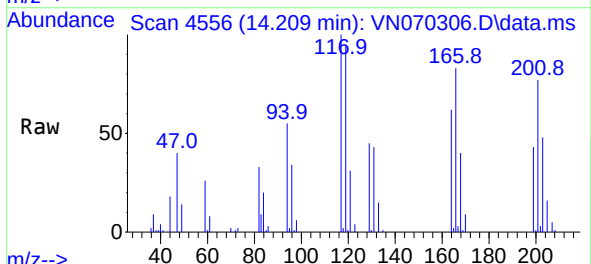
Tgt Ion: 91 Resp: 148869
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 23.3 13.6 40.8

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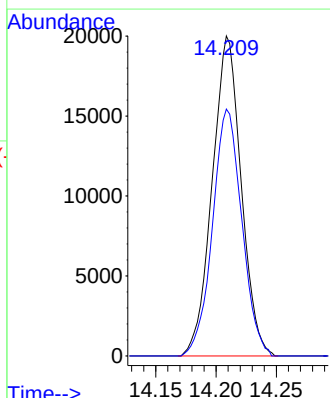
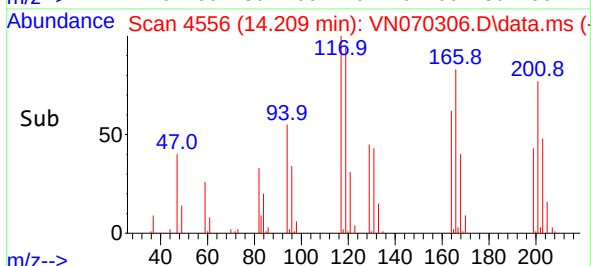
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

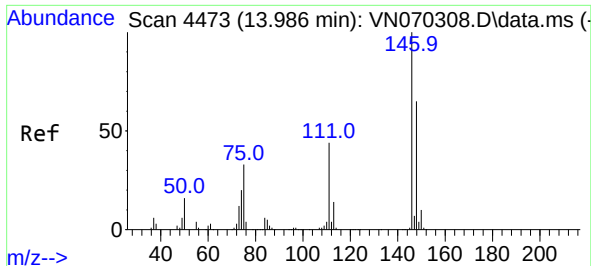


#90
Hexachloroethane
Concen: 4.84 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



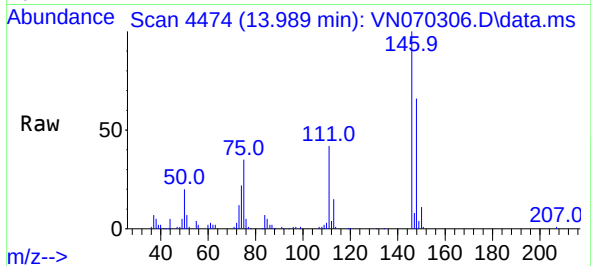
Tgt Ion:117 Resp: 33398
Ion Ratio Lower Upper
117 100
201 78.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 5.23 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

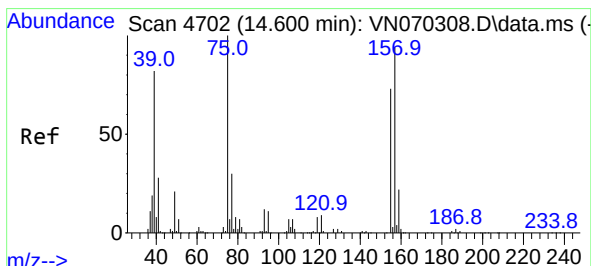
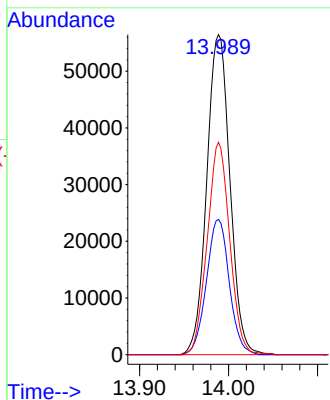
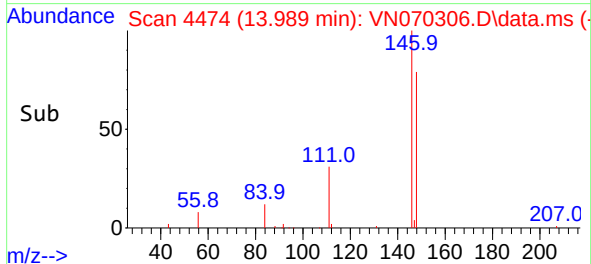
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



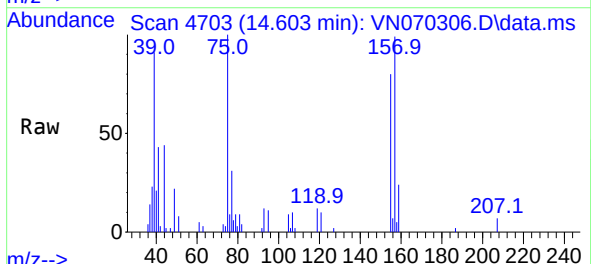
Tgt Ion:146 Resp: 102140
Ion Ratio Lower Upper
146 100
111 41.8 19.1 57.3
148 64.5 32.1 96.3

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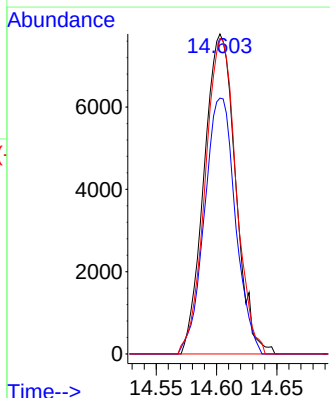
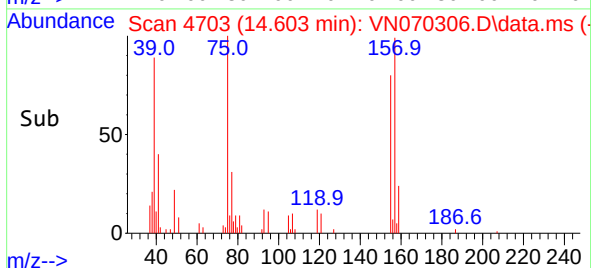
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

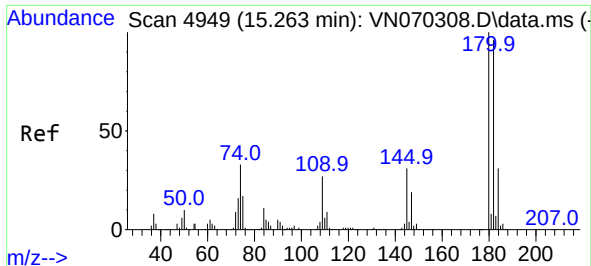


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.40 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



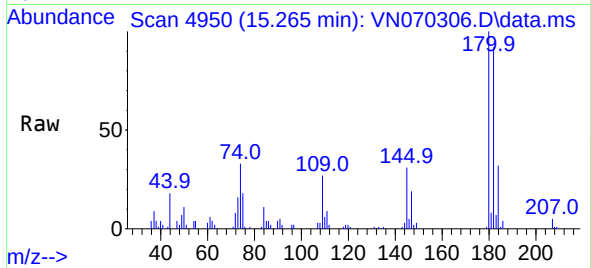
Tgt Ion: 75 Resp: 14090
Ion Ratio Lower Upper
75 100
155 78.7 46.9 140.7
157 96.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 4.16 ug/l
RT: 15.265 min Scan# 4949
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

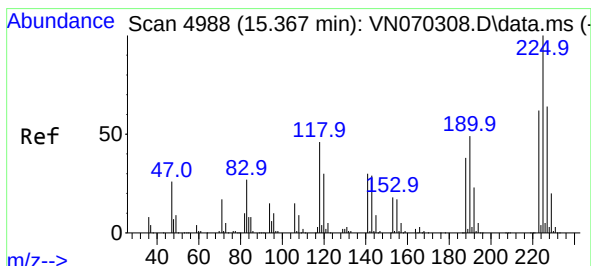
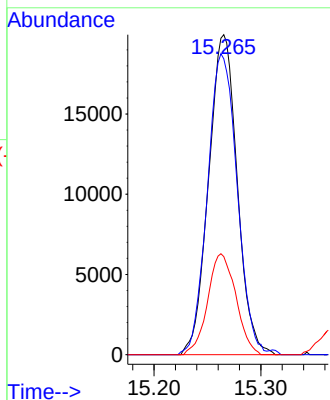
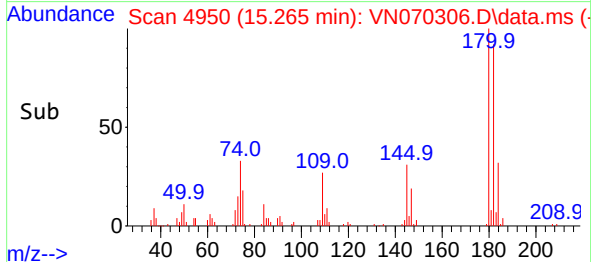
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



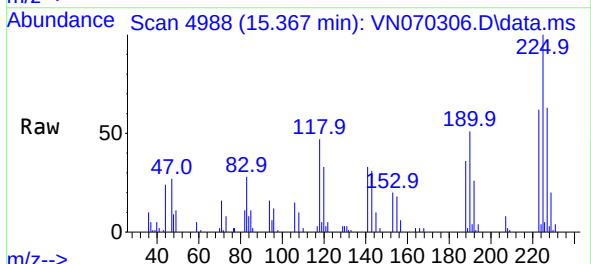
Tgt Ion:180 Resp: 3708
Ion Ratio Lower Upper
180 100
182 97.3 48.3 144.9
145 31.1 14.5 43.5

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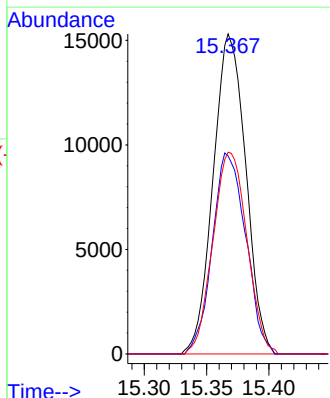
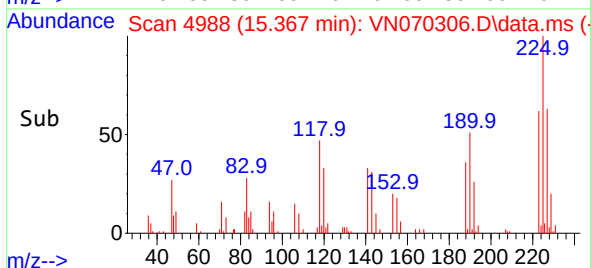
Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

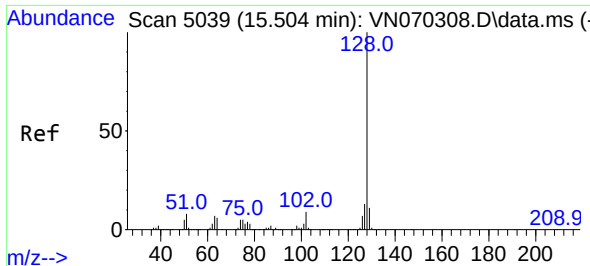


#94
Hexachlorobutadiene
Concen: 5.36 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22



Tgt Ion:225 Resp: 27867
Ion Ratio Lower Upper
225 100
223 64.2 31.9 95.7
227 65.8 32.1 96.3





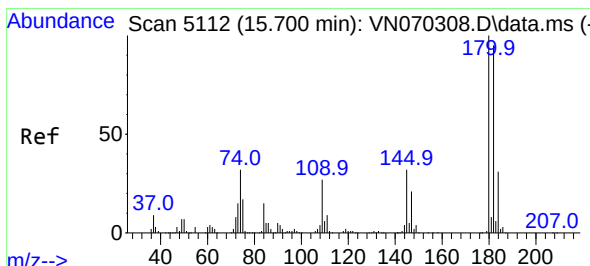
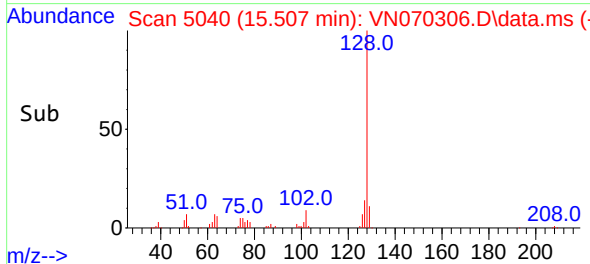
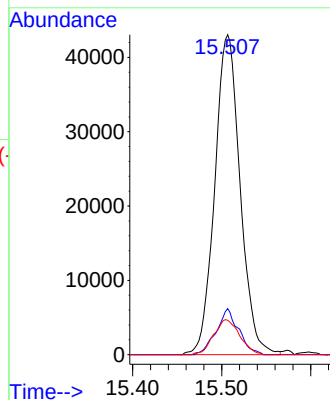
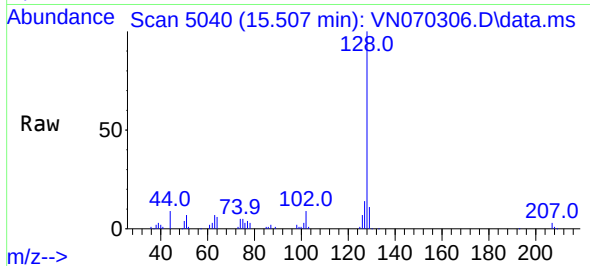
#95
Naphthalene
Concen: 3.34 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 85392
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 11.2 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: 4.25 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.003 min
Lab File: VN070306.D
Acq: 27 Dec 2021 11:22

Tgt Ion:180 Resp: 37232
Ion Ratio Lower Upper
180 100
182 92.1 47.4 142.2
145 31.9 15.0 45.1

