

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122121\
 Data File : VN070260.D
 Acq On : 21 Dec 2021 11:58
 Operator : JC/MD
 Sample : VN1221WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01

Quant Time: Dec 21 15:23:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/22/2021
 Supervised By : Semsettin Yesilyurt 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	937367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1504919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1364166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	573108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	732804	50.633	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.260%			
35) Dibromofluoromethane	8.019	113	505107	53.584	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.160%			
50) Toluene-d8	10.440	98	1965340	51.924	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.840%			
62) 4-Bromofluorobenzene	12.728	95	722876	52.717	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	182024	16.649	ug/l	98
3) Chloromethane	2.303	50	223997	16.354	ug/l	98
4) Vinyl Chloride	2.448	62	212270	16.854	ug/l	98
5) Bromomethane	2.864	94	127233	18.595	ug/l	98
6) Chloroethane	3.025	64	134936	17.484	ug/l	98
7) Trichlorofluoromethane	3.381	101	301150	18.219	ug/l	100
8) Diethyl Ether	3.824	74	134452	21.119	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.213	101	194838	21.028	ug/l	95
10) Methyl Iodide	4.422	142	230910	18.242	ug/l	98
11) Tert butyl alcohol	5.371	59	223065	81.537	ug/l #	87
12) 1,1-Dichloroethene	4.183	96	171794	19.240	ug/l	90
13) Acrolein	4.041	56	222334	95.434	ug/l	97
14) Allyl chloride	4.843	41	397291	19.746	ug/l	93
15) Acrylonitrile	5.554	53	680359	92.292	ug/l	99
16) Acetone	4.285	43	804078	92.358	ug/l	97
17) Carbon Disulfide	4.532	76	352231	15.270	ug/l	99
18) Methyl Acetate	4.856	43	477508	18.171	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	751165	21.636	ug/l	97
20) Methylene Chloride	5.095	84	226371	19.559	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	182596	18.828	ug/l	85
22) Diisopropyl ether	6.495	45	872377	22.184	ug/l	95
23) Vinyl Acetate	6.433	43	3300134	103.150	ug/l	95
24) 1,1-Dichloroethane	6.385	63	424417	20.834	ug/l	98
25) 2-Butanone	7.335	43	1065939	90.111	ug/l	92
26) 2,2-Dichloropropane	7.324	77	344722	21.765	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	238775	20.378	ug/l	86
28) Bromochloromethane	7.659	49	192820	18.202	ug/l #	79
29) Tetrahydrofuran	7.686	42	647211	90.104	ug/l	89
30) Chloroform	7.817	83	434818	21.135	ug/l	98
31) Cyclohexane	8.094	56	382113	18.972	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	358060	20.432	ug/l	97
36) 1,1-Dichloropropene	8.220	75	292435	20.412	ug/l	96
37) Ethyl Acetate	7.412	43	396602	18.600	ug/l	95
38) Carbon Tetrachloride	8.206	117	283940	20.211	ug/l	99
39) Methylcyclohexane	9.459	83	336671	19.757	ug/l #	87
40) Benzene	8.461	78	919092	20.989	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	204425	20.423	ug/l	90
42) 1,2-Dichloroethane	8.528	62	372359	21.064	ug/l	96
43) Isopropyl Acetate	8.560	43	639530	20.267	ug/l #	95
44) Trichloroethene	9.215	130	213160	20.395	ug/l	96
45) 1,2-Dichloropropane	9.488	63	256919	21.848	ug/l	99
46) Dibromomethane	9.577	93	157071	20.367	ug/l	94
47) Bromodichloromethane	9.759	83	317063	21.714	ug/l	98
48) Methyl methacrylate	9.558	41	293369	19.922	ug/l	89
49) 1,4-Dioxane	9.566	88	88836	336.214	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	2059102	100.590	ug/l	95
52) Toluene	10.505	92	565706	21.160	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	333876	20.740	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	367525	21.139	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	229999	21.322	ug/l	98
56) Ethyl methacrylate	10.759	69	380007	20.099	ug/l #	89
57) 1,3-Dichloropropane	11.044	76	410602	21.618	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	454863	95.060	ug/l	92
59) 2-Hexanone	11.084	43	1465517	94.640	ug/l	93
60) Dibromochloromethane	11.237	129	219504	20.466	ug/l	100
61) 1,2-Dibromoethane	11.344	107	225927	20.221	ug/l	100
64) Tetrachloroethene	10.977	164	203501	22.000	ug/l	94
65) Chlorobenzene	11.768	112	598265	21.618	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	215348	22.108	ug/l	100
67) Ethyl Benzene	11.843	91	1114984	22.180	ug/l	96
68) m/p-Xylenes	11.953	106	807955	44.141	ug/l	92
69) o-Xylene	12.280	106	404803	21.956	ug/l	92
70) Styrene	12.294	104	645180	22.068	ug/l	95
71) Bromoform	12.457	173	150820	19.845	ug/l #	99
73) Isopropylbenzene	12.578	105	1080316	21.187	ug/l	99
74) N-amyl acetate	12.387	43	422862	18.752	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	353942	20.073	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	318396m	19.373	ug/l	
77) Bromobenzene	12.859	156	245879	20.529	ug/l	78
78) n-propylbenzene	12.918	91	1200369	21.155	ug/l	96
79) 2-Chlorotoluene	13.007	91	759458	21.182	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	878884	21.415	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	84534	19.527	ug/l	89
82) 4-Chlorotoluene	13.104	91	715431	21.218	ug/l	93
83) tert-Butylbenzene	13.321	119	766704	21.098	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	848763	21.715	ug/l	98
85) sec-Butylbenzene	13.500	105	1048061	21.262	ug/l	98
86) p-Isopropyltoluene	13.613	119	840219	21.807	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	410701	20.873	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	400469	20.711	ug/l	96
89) n-Butylbenzene	13.943	91	666834	21.335	ug/l	97
90) Hexachloroethane	14.209	117	129771	19.183	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	405107	21.131	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	59115	18.553	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	177001	20.619	ug/l	99
94) Hexachlorobutadiene	15.370	225	114557	22.547	ug/l	98
95) Naphthalene	15.507	128	441211	18.483	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	168422	19.919	ug/l	98

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ClientSampleId :
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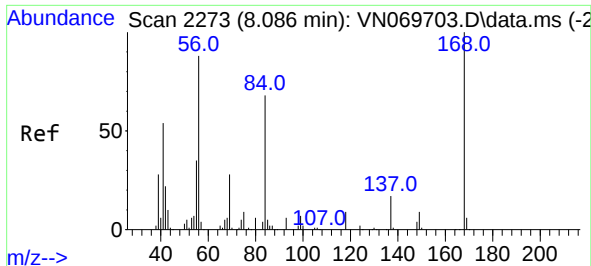
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
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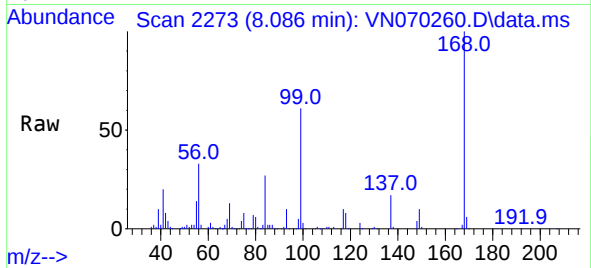
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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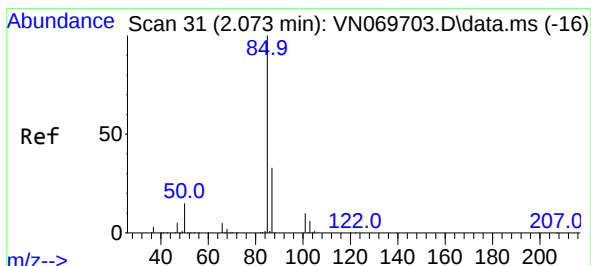
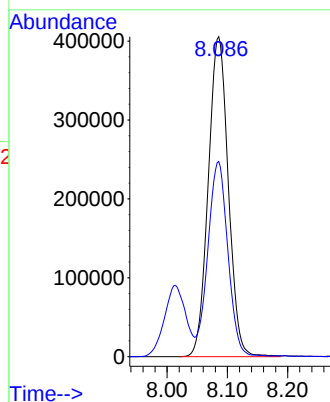
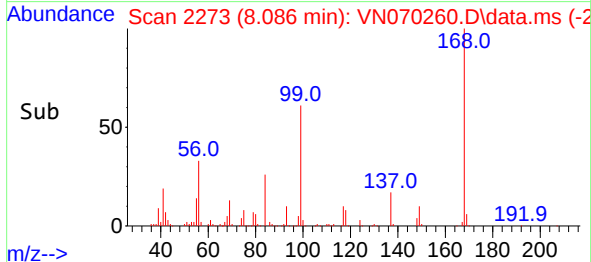
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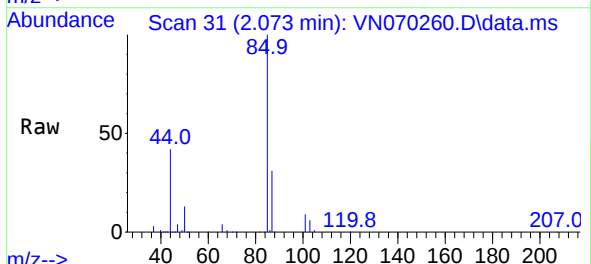
Tgt Ion:168 Resp: 93736
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

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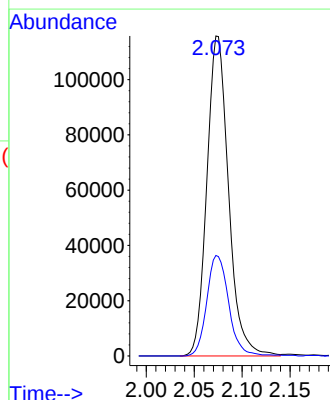
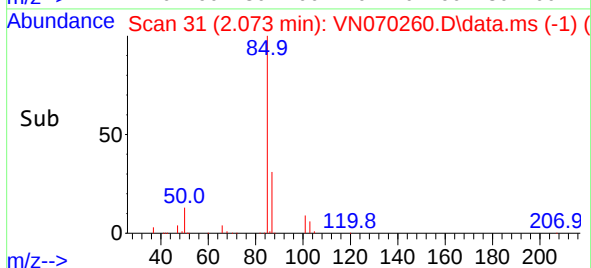
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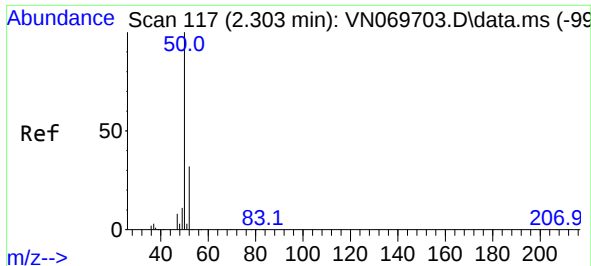


#2
Dichlorodifluoromethane
Concen: 16.649 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



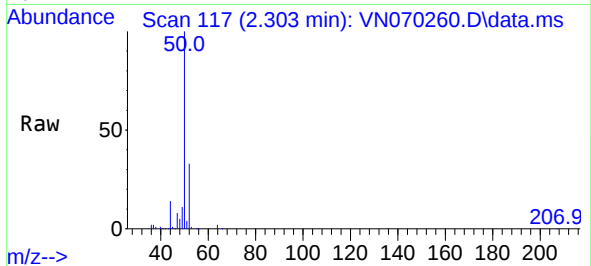
Tgt Ion: 85 Resp: 182024
Ion Ratio Lower Upper
85 100
87 31.4 16.3 48.9





#3
Chloromethane
Concen: 16.354 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

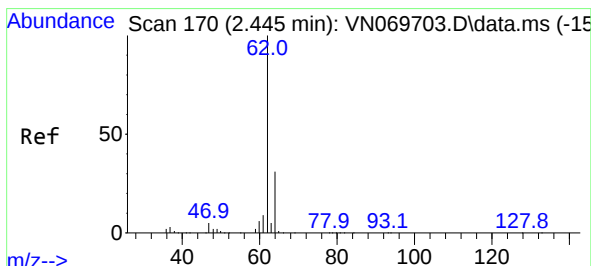
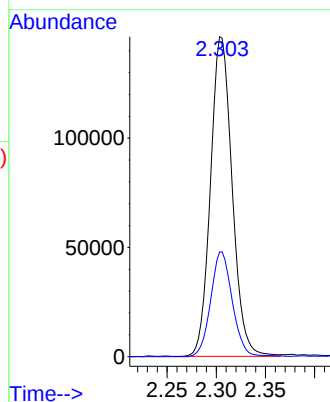
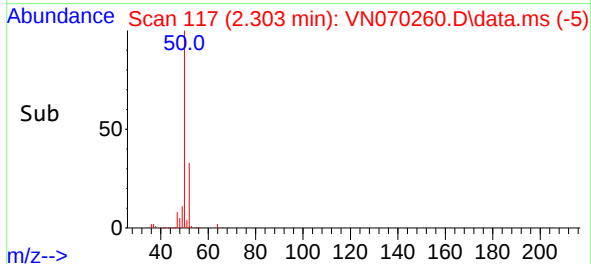
Instrument :
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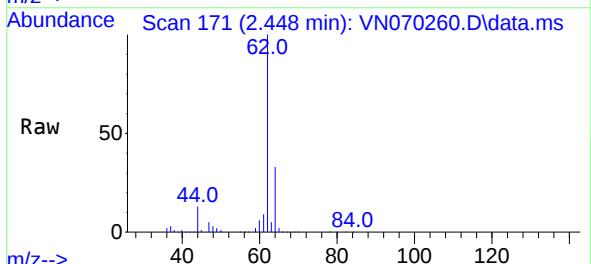
Tgt Ion: 50 Resp: 223997
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

Manual Integrations
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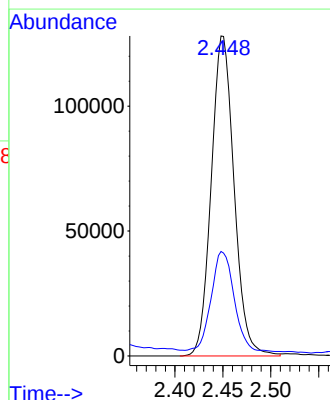
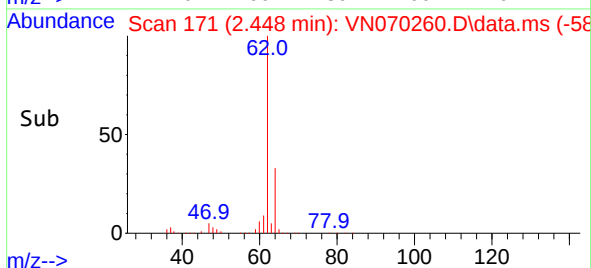
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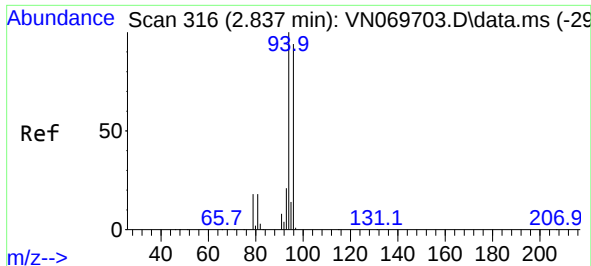


#4
Vinyl Chloride
Concen: 16.854 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



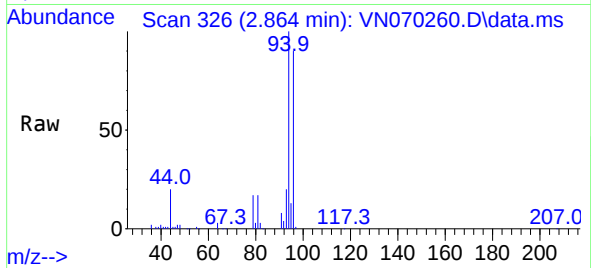
Tgt Ion: 62 Resp: 212270
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 18.595 ug/l
RT: 2.864 min Scan# 316
Delta R.T. 0.027 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

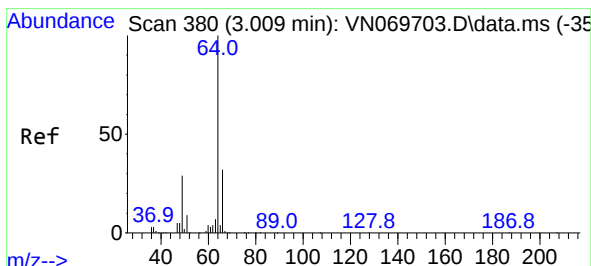
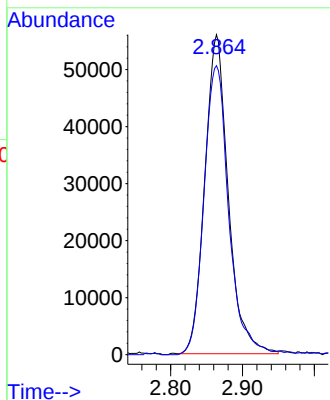
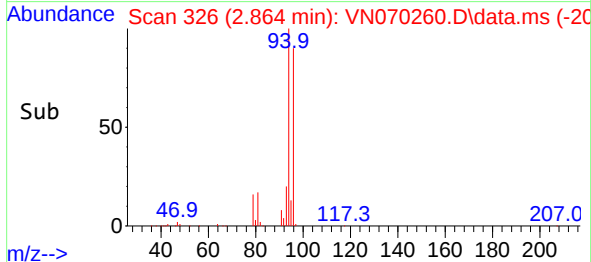
Instrument :
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Tgt Ion: 94 Resp: 12723
Ion Ratio Lower Upper
94 100
96 90.6 73.8 110.8

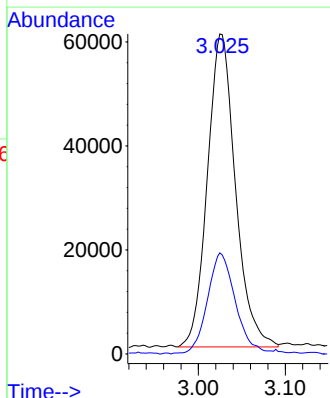
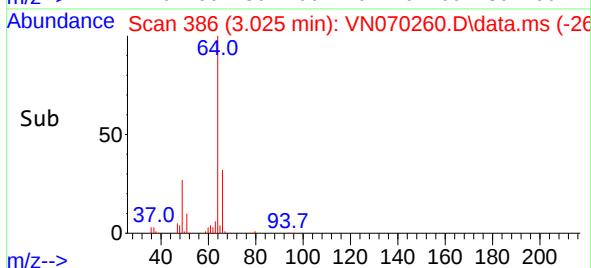
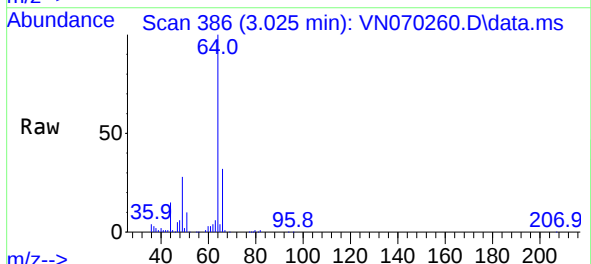
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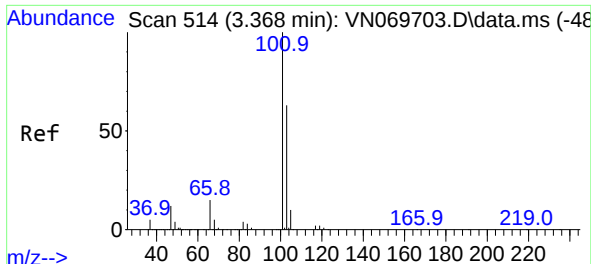
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#6
Chloroethane
Concen: 17.484 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.016 min
Lab File: VN070260.D
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Tgt Ion: 64 Resp: 134936
Ion Ratio Lower Upper
64 100
66 32.0 26.3 39.5





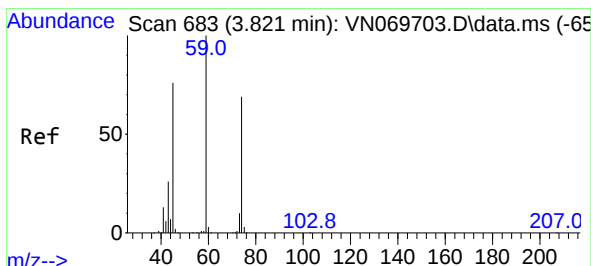
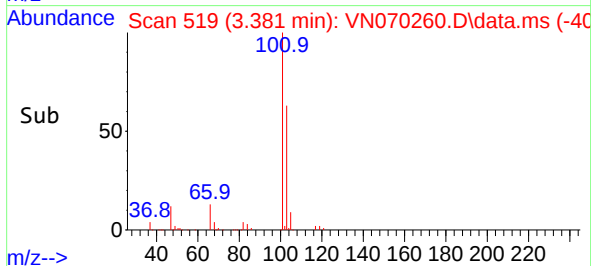
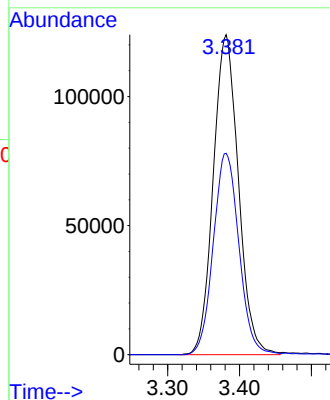
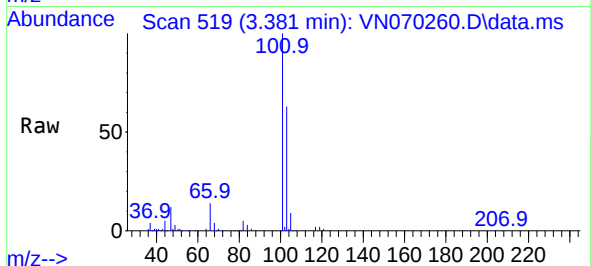
#7
Trichlorofluoromethane
Concen: 18.219 ug/l
RT: 3.381 min Scan# 514
Delta R.T. 0.013 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
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Tgt Ion:101 Resp: 301150
Ion Ratio Lower Upper
101 100
103 63.0 50.1 75.1

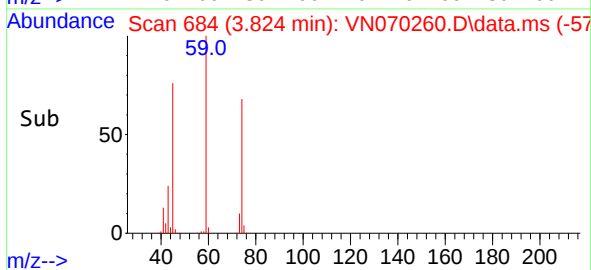
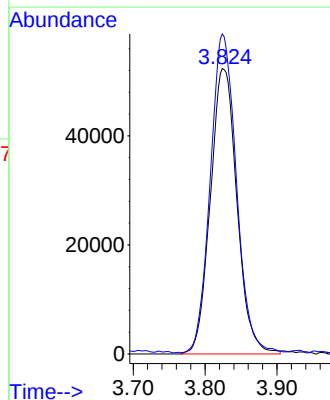
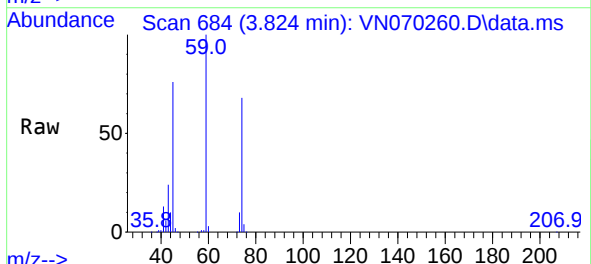
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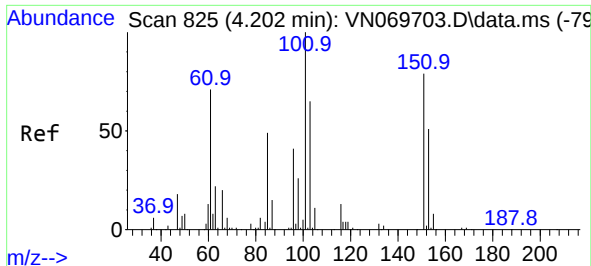
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#8
Diethyl Ether
Concen: 21.119 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 134452
Ion Ratio Lower Upper
74 100
45 108.9 47.0 141.2





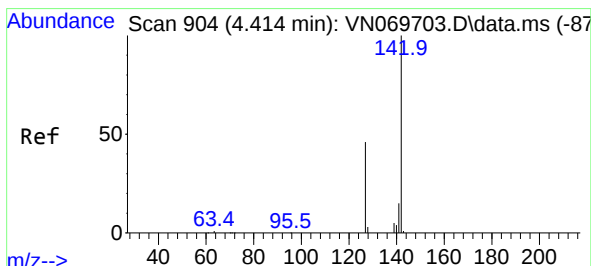
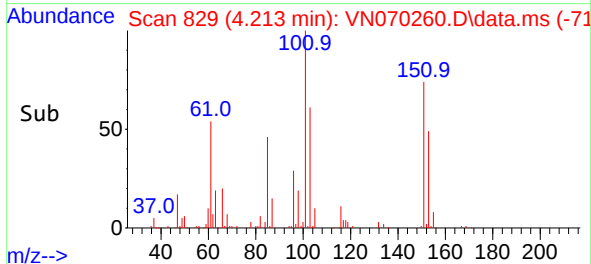
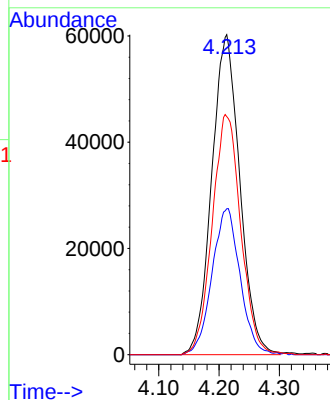
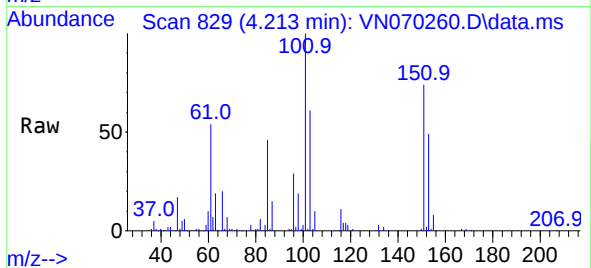
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.028 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.011 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:101 Resp: 194838
Ion Ratio Lower Upper
101 100
85 45.6 37.2 55.8
151 76.1 65.9 98.9

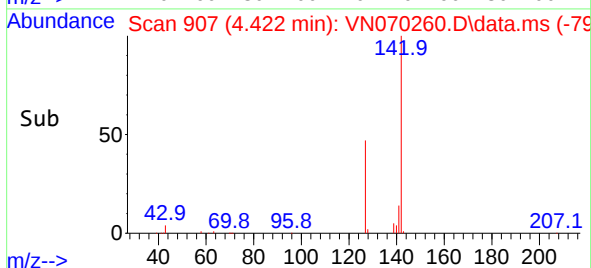
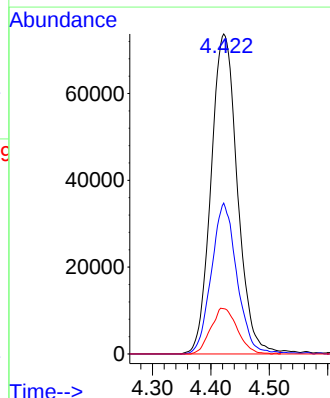
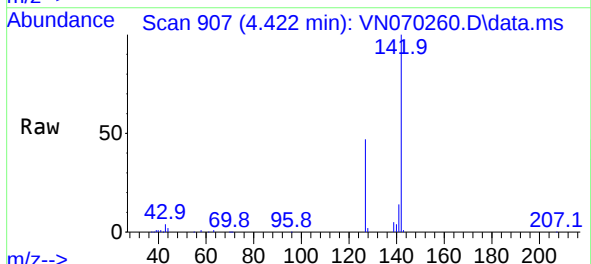
Manual Integrations
APPROVED

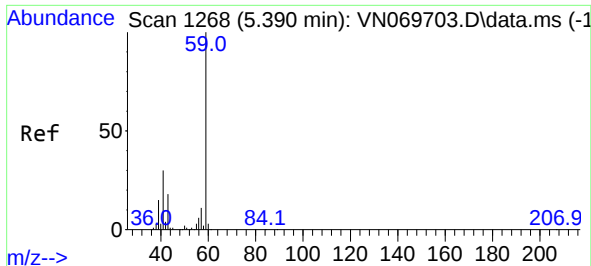
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#10
Methyl Iodide
Concen: 18.242 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

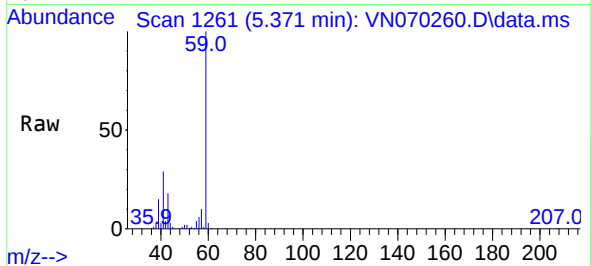
Tgt Ion:142 Resp: 230910
Ion Ratio Lower Upper
142 100
127 45.5 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 81.537 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.019 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

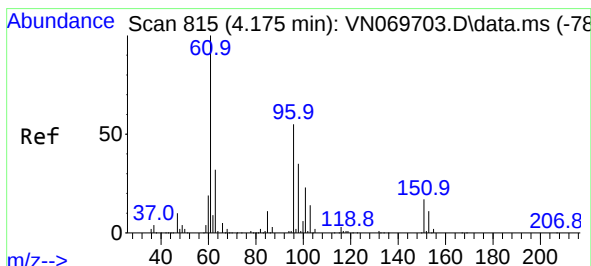
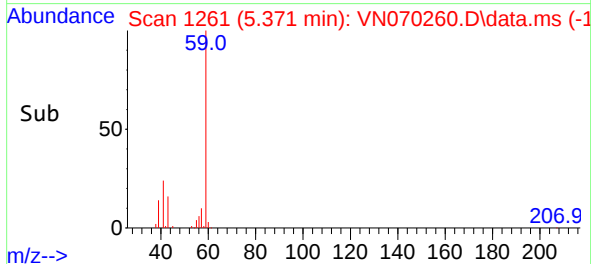
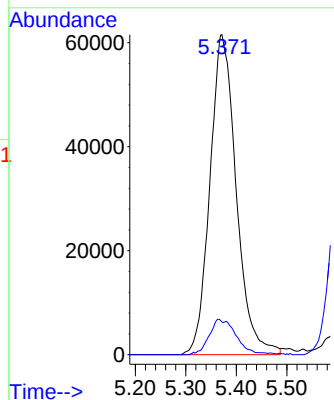
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 59 Resp: 22306
Ion Ratio Lower Upper
59 100
57 5.8 8.7 13.1

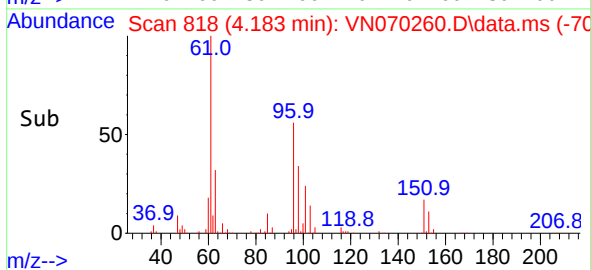
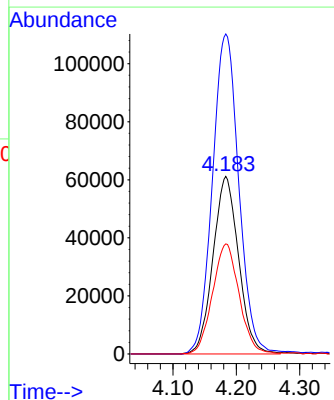
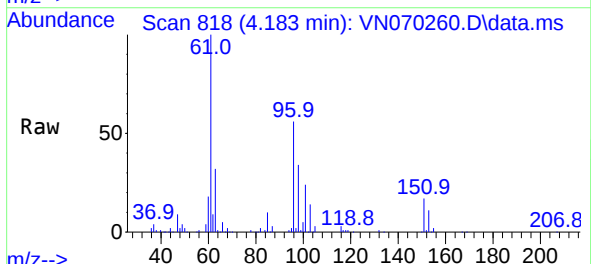
Manual Integrations
APPROVED

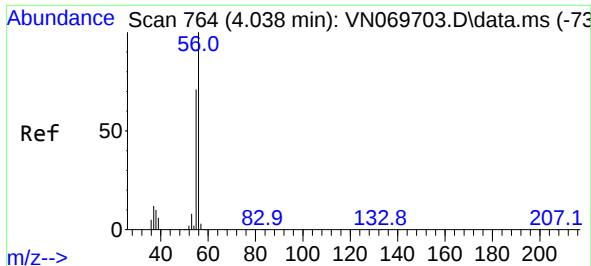
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#12
1,1-Dichloroethene
Concen: 19.240 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

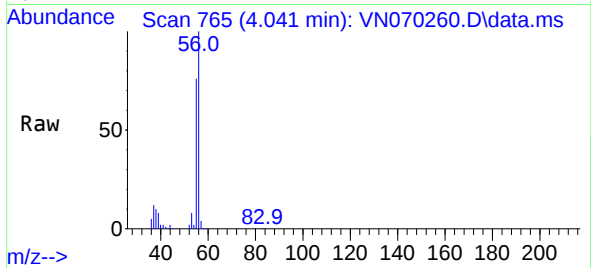
Tgt Ion: 96 Resp: 171794
Ion Ratio Lower Upper
96 100
61 180.2 131.0 196.6
98 62.0 52.4 78.6





#13
Acrolein
Concen: 95.434 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

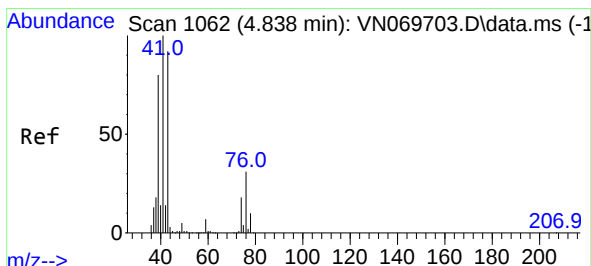
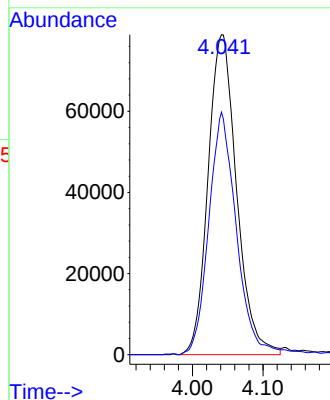
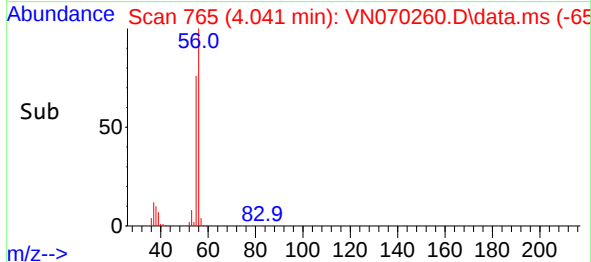
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



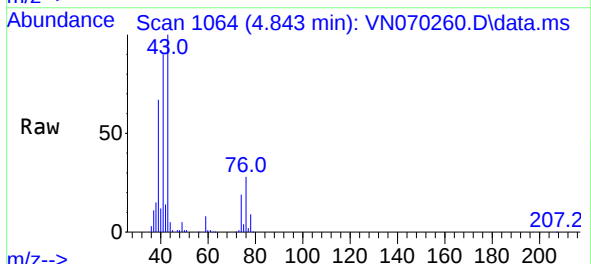
Tgt Ion: 56 Resp: 222334
Ion Ratio Lower Upper
56 100
55 73.5 56.6 85.0

Manual Integrations
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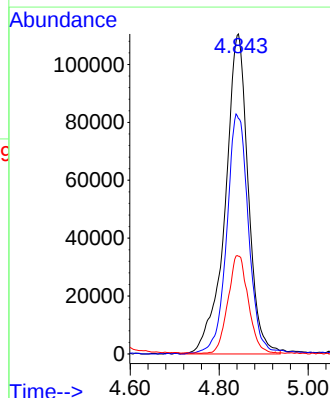
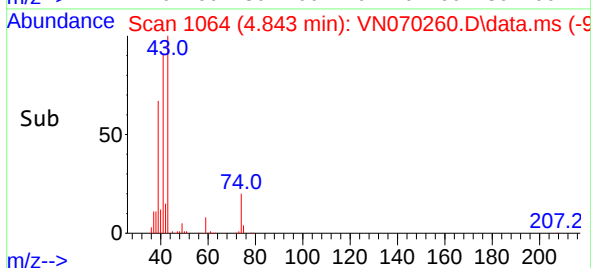
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

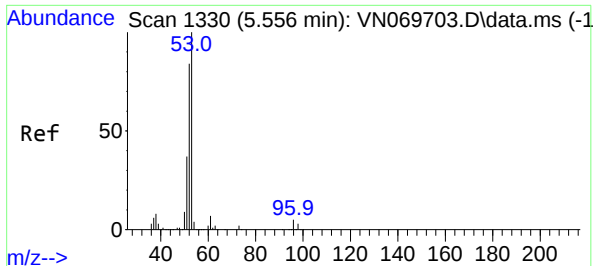


#14
Allyl chloride
Concen: 19.746 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



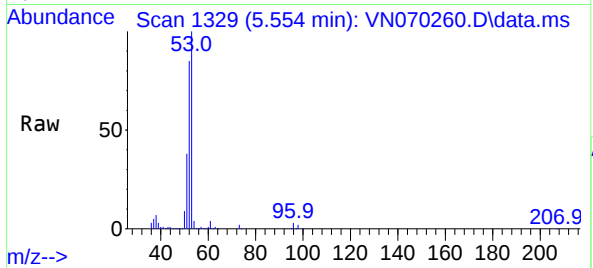
Tgt Ion: 41 Resp: 397291
Ion Ratio Lower Upper
41 100
39 71.1 61.2 91.8
76 26.8 26.0 39.0





#15
Acrylonitrile
Concen: 92.292 ug/l
RT: 5.554 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

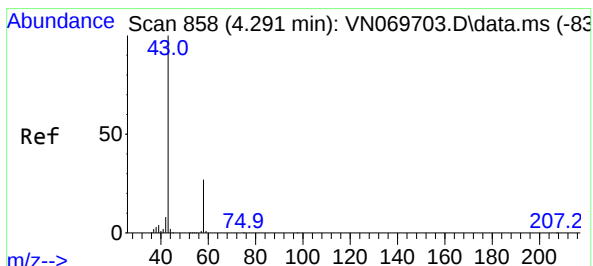
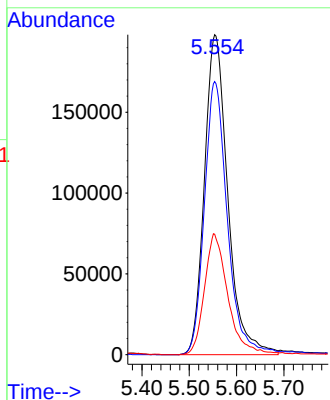
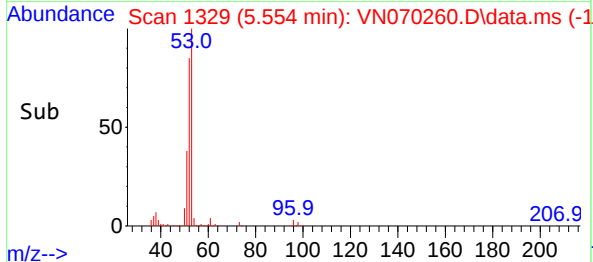
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



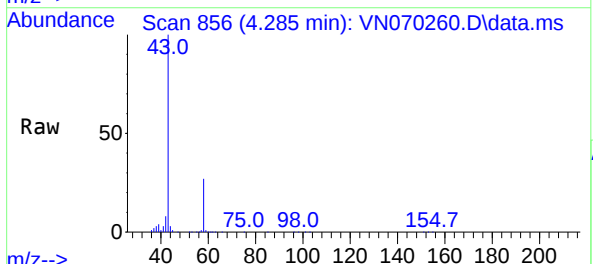
Tgt Ion: 53 Resp: 680359
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 37.2 29.6 44.4

Manual Integrations
APPROVED

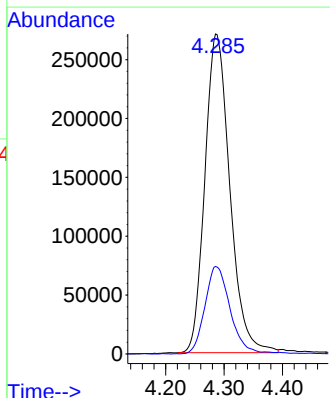
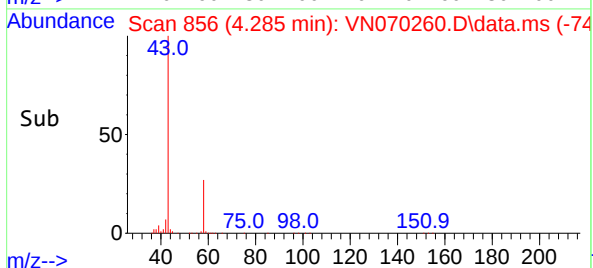
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

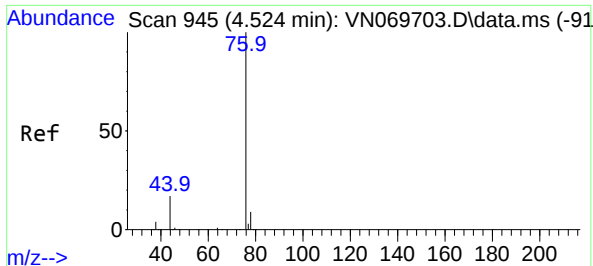


#16
Acetone
Concen: 92.358 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



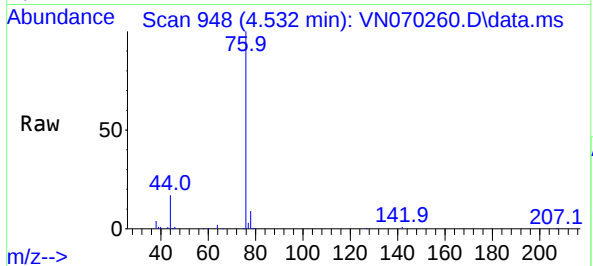
Tgt Ion: 43 Resp: 804078
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#17
Carbon Disulfide
Concen: 15.270 ug/l
RT: 4.532 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

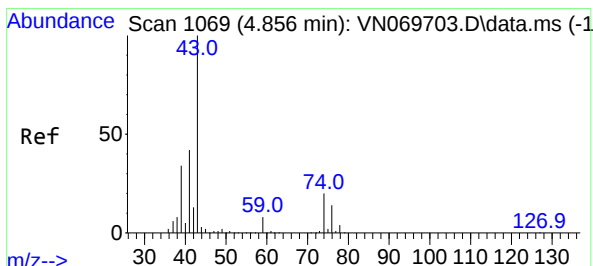
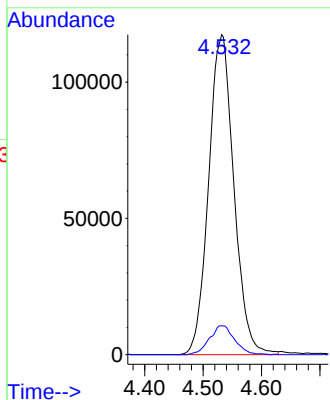
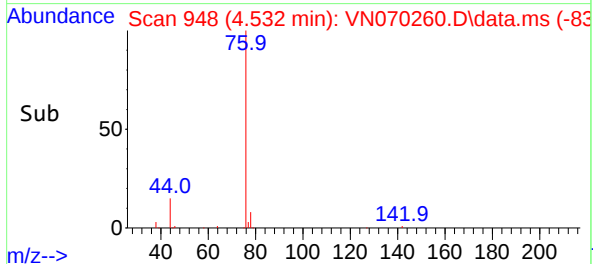
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 76 Resp: 35223
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

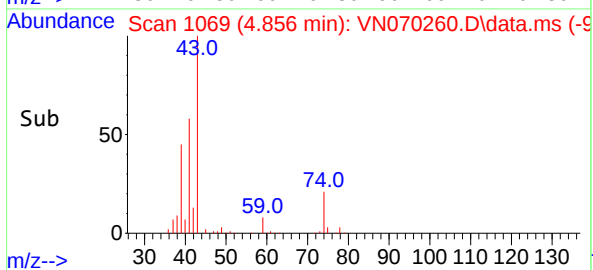
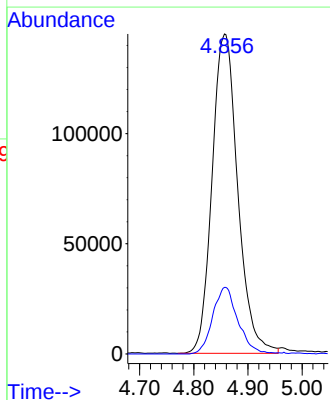
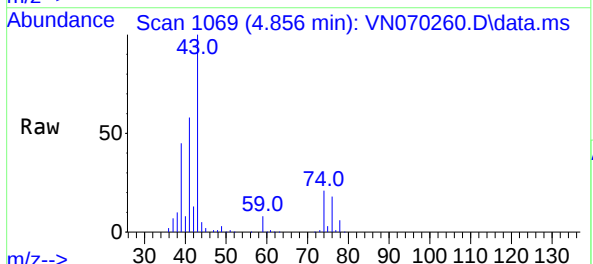
Manual Integrations
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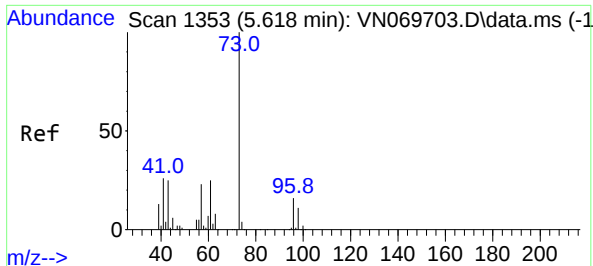
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#18
Methyl Acetate
Concen: 18.171 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Tgt Ion: 43 Resp: 477508
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





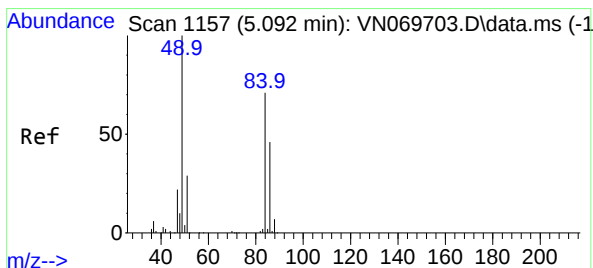
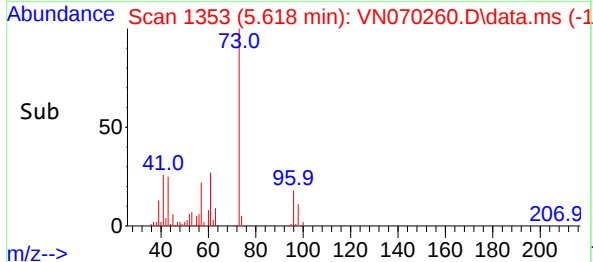
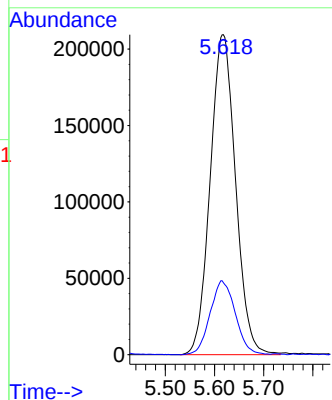
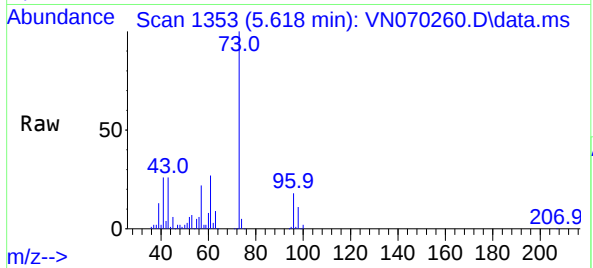
#19
Methyl tert-butyl Ether
Concen: 21.636 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 73 Resp: 75116
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2

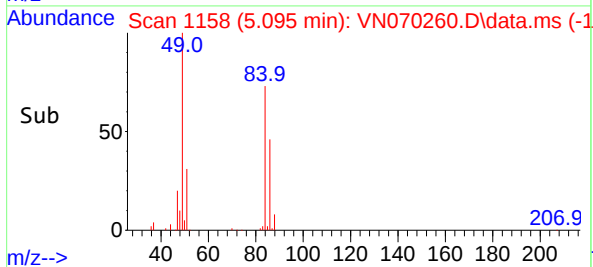
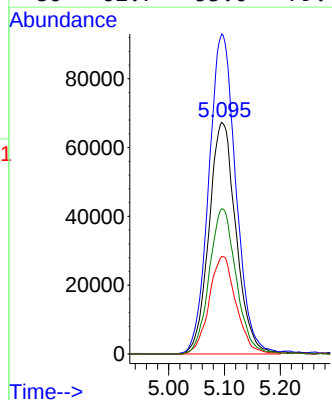
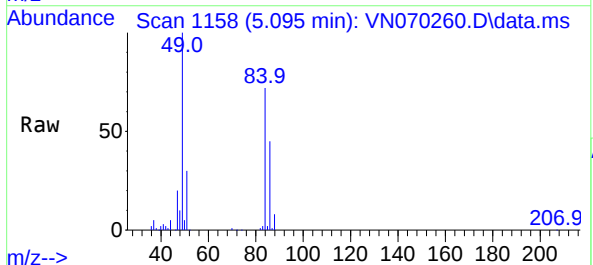
Manual Integrations
APPROVED

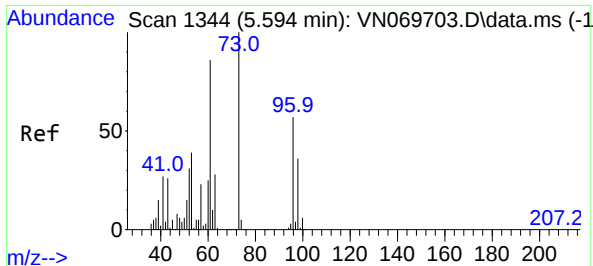
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#20
Methylene Chloride
Concen: 19.559 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

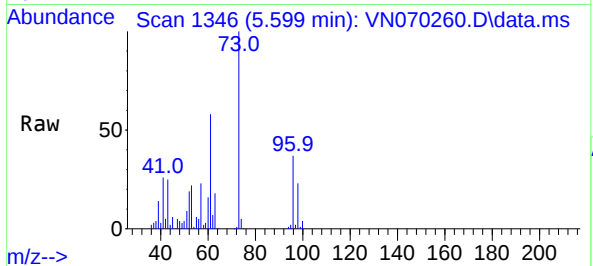
Tgt Ion: 84 Resp: 226371
Ion Ratio Lower Upper
84 100
49 137.8 93.5 140.3
51 42.0 29.4 44.2
86 62.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.828 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

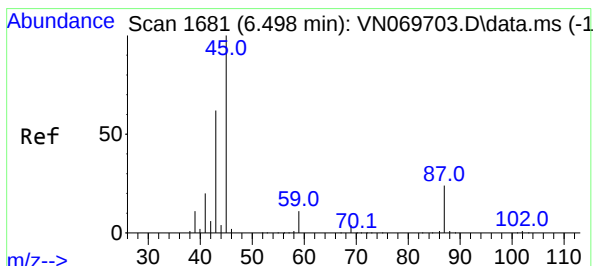
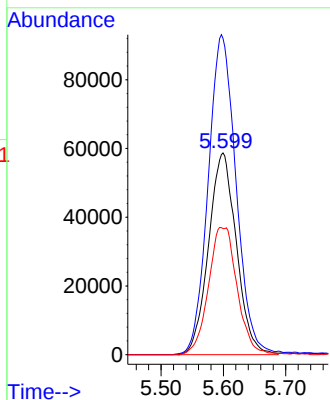
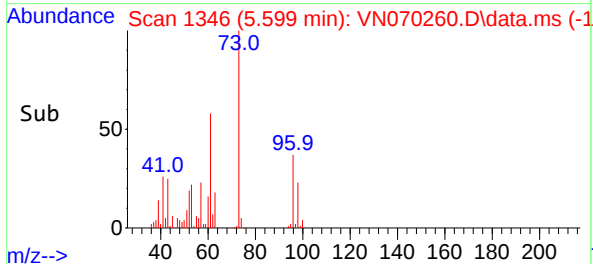
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



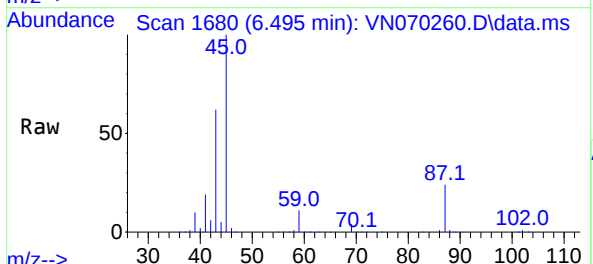
Tgt Ion: 96 Resp: 182590
Ion Ratio Lower Upper
96 100
61 156.3 105.8 158.6
98 62.5 52.0 78.0

Manual Integrations
APPROVED

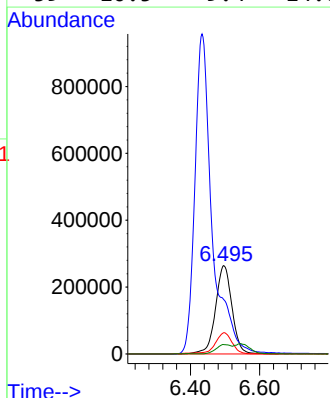
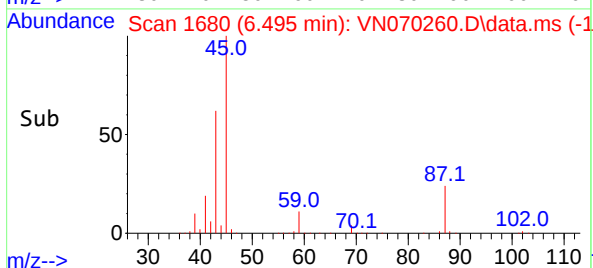
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

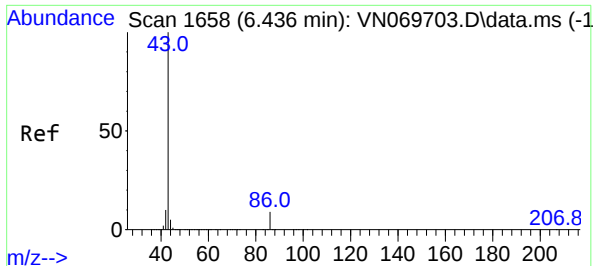


#22
Diisopropyl ether
Concen: 22.184 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



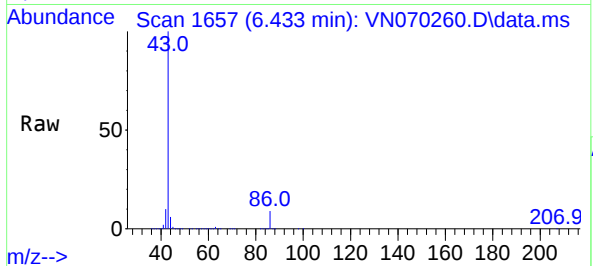
Tgt Ion: 45 Resp: 872377
Ion Ratio Lower Upper
45 100
43 61.9 51.7 77.5
87 23.9 23.2 34.8
59 10.5 9.4 14.0





#23
 Vinyl Acetate
 Concen: 103.150 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070260.D
 Acq: 21 Dec 2021 11:58

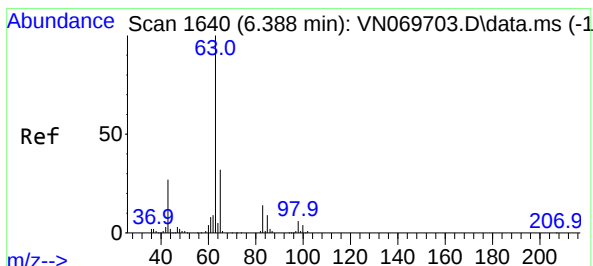
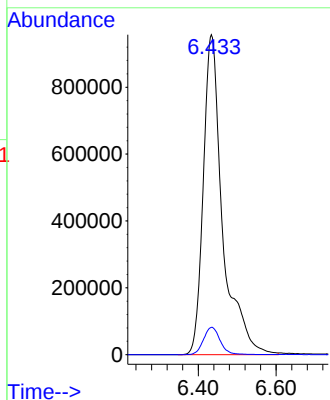
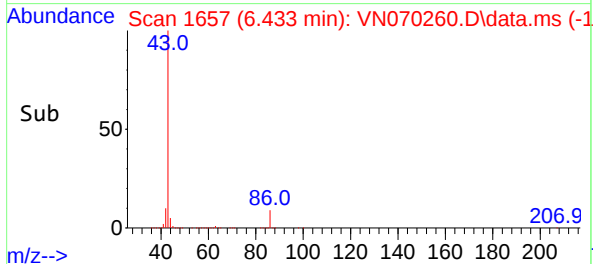
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01



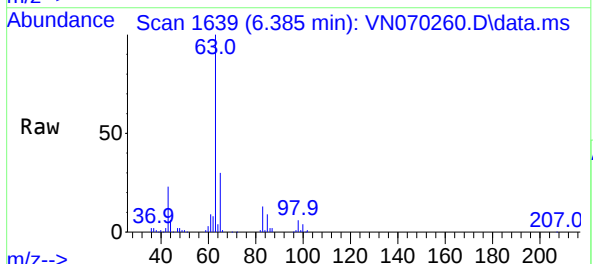
Tgt Ion: 43 Resp: 3300134
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

Manual Integrations
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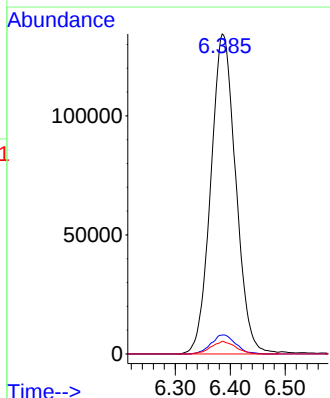
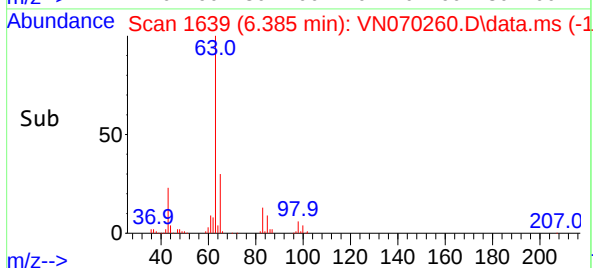
Reviewed By :John Carlone 12/22/2021
 Supervised By :Semsettin Yesilyurt 12/23/2021

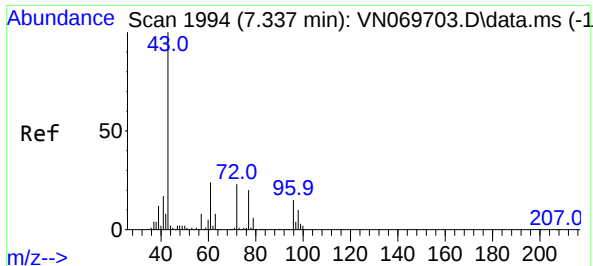


#24
 1,1-Dichloroethane
 Concen: 20.834 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070260.D
 Acq: 21 Dec 2021 11:58



Tgt Ion: 63 Resp: 424417
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 4.0 2.1 6.5





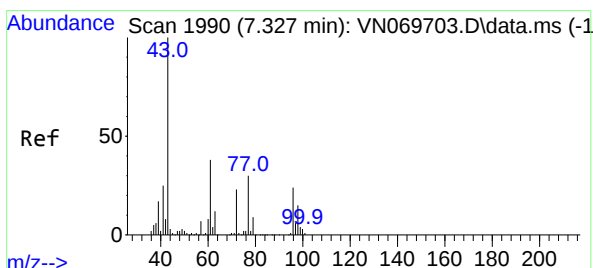
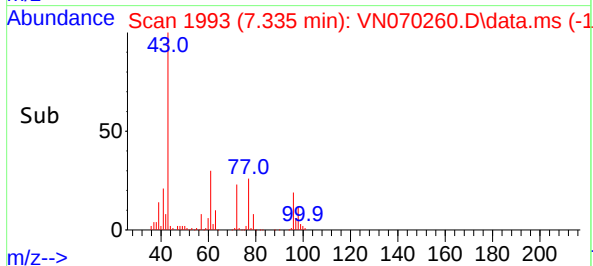
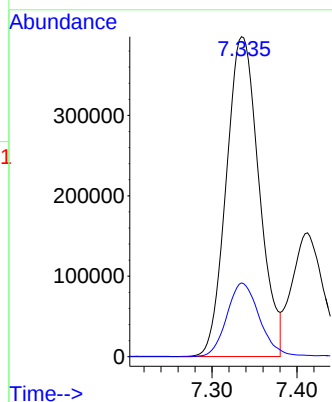
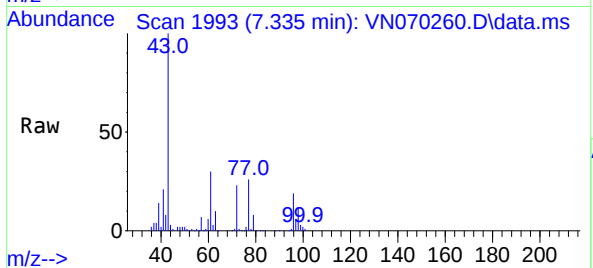
#25
2-Butanone
Concen: 90.111 ug/l
RT: 7.335 min Scan# 1994
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 43 Resp: 1065939
Ion Ratio Lower Upper
43 100
72 23.0 21.7 32.5

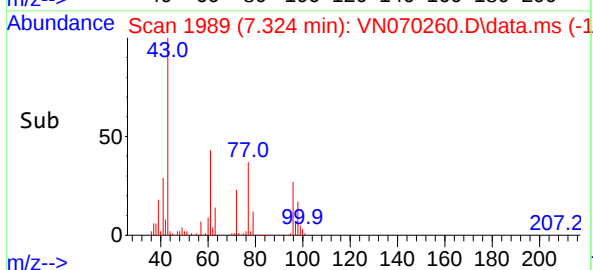
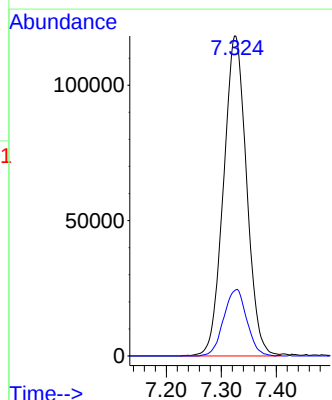
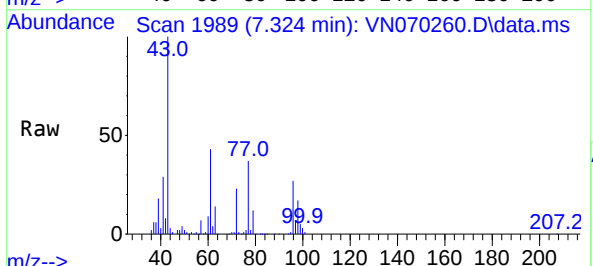
Manual Integrations
APPROVED

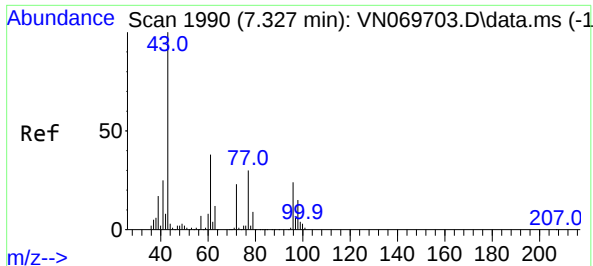
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#26
2,2-Dichloropropane
Concen: 21.765 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

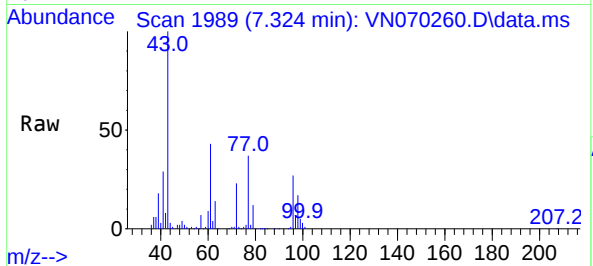
Tgt Ion: 77 Resp: 344722
Ion Ratio Lower Upper
77 100
97 20.9 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 20.378 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

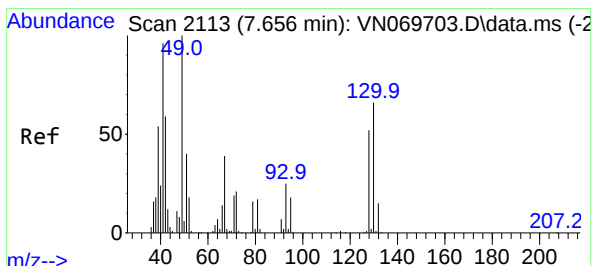
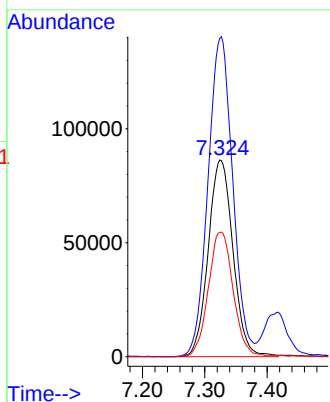
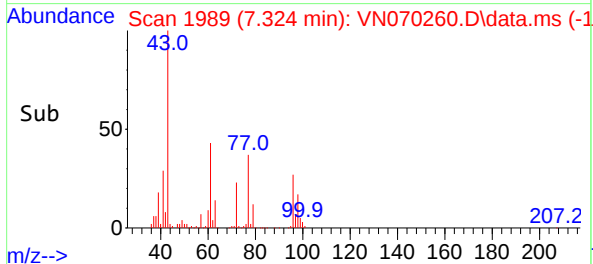
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 96 Resp: 238775
Ion Ratio Lower Upper
96 100
61 162.1 0.0 275.0
98 63.4 0.0 129.6

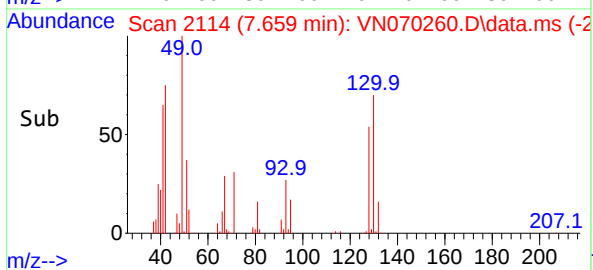
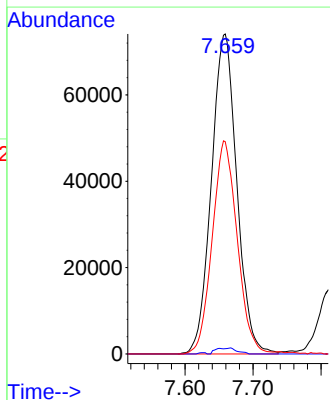
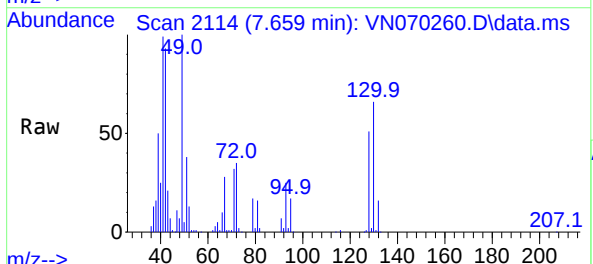
Manual Integrations
APPROVED

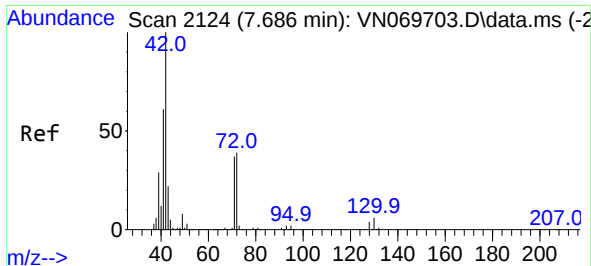
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#28
Bromochloromethane
Concen: 18.202 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

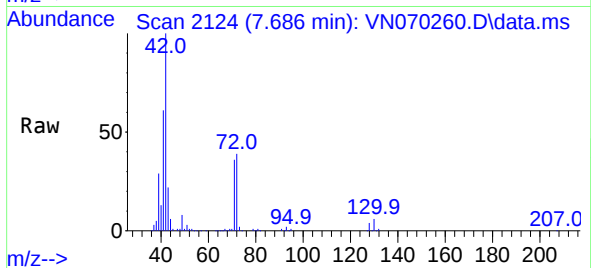
Tgt Ion: 49 Resp: 192820
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.0
130 65.3 67.8 101.8#





#29
Tetrahydrofuran
Concen: 90.104 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

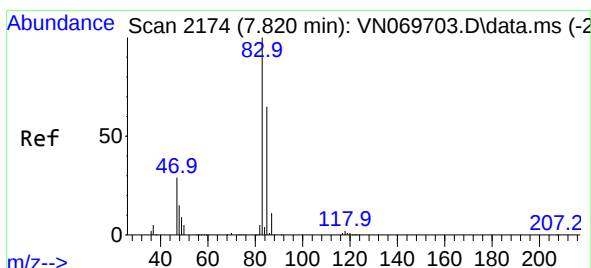
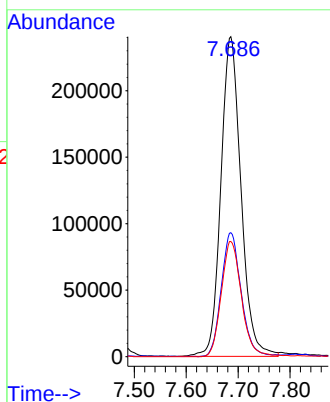
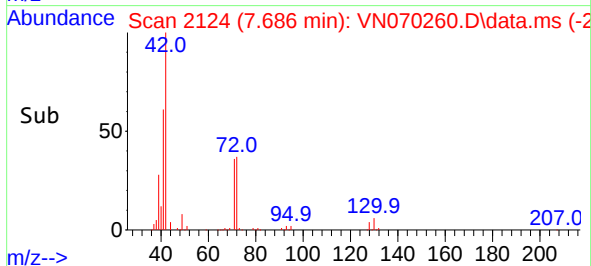
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



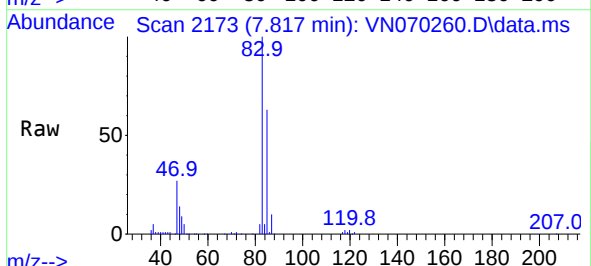
Tgt Ion: 42 Resp: 64721
Ion Ratio Lower Upper
42 100
72 38.3 36.3 54.5
71 36.1 34.7 52.1

Manual Integrations
APPROVED

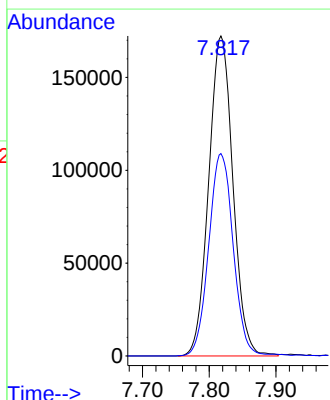
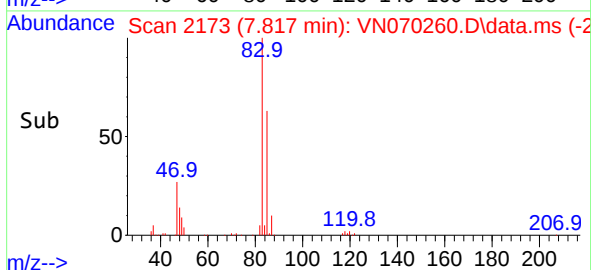
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

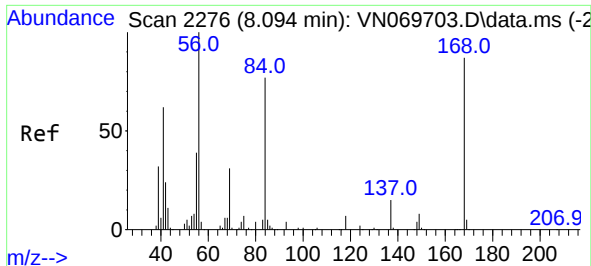


#30
Chloroform
Concen: 21.135 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



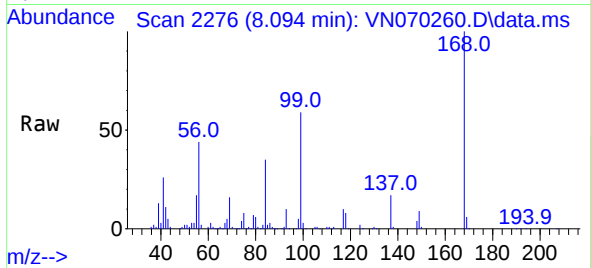
Tgt Ion: 83 Resp: 434818
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9





#31
Cyclohexane
Concen: 18.972 ug/l
RT: 8.094 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

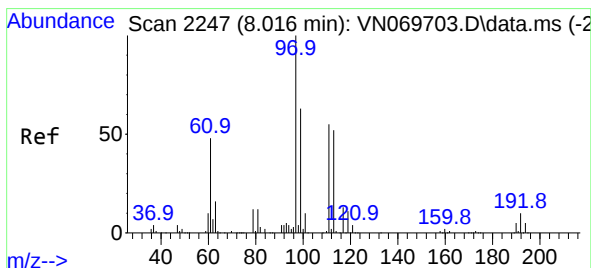
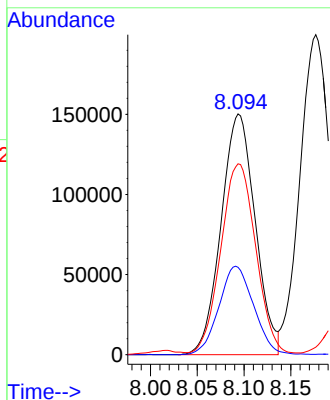
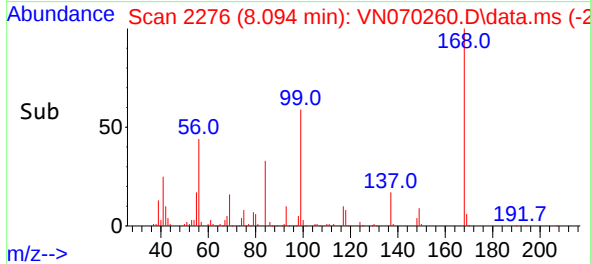
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 56 Resp: 38211
Ion Ratio Lower Upper
56 100
69 36.3 27.1 40.7
84 78.2 73.4 110.0

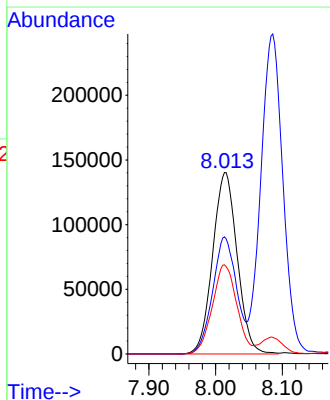
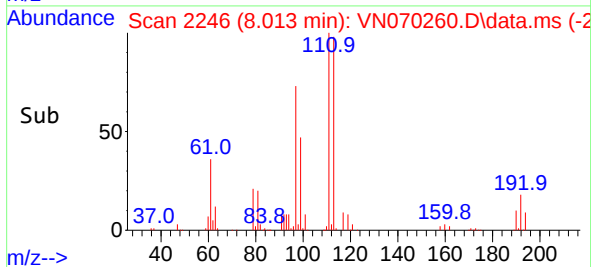
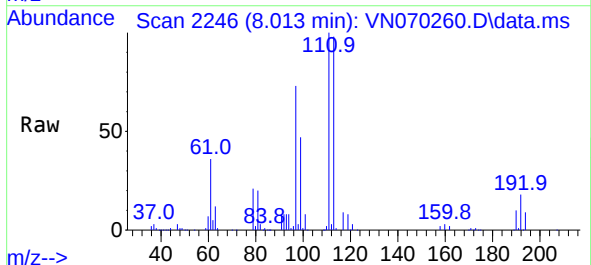
Manual Integrations
APPROVED

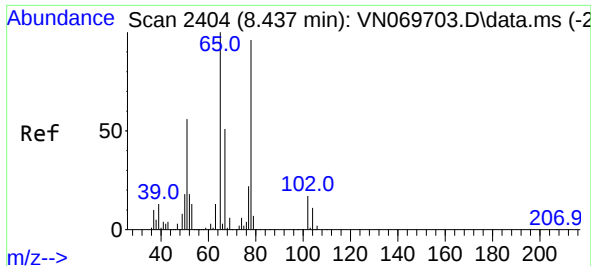
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#32
1,1,1-Trichloroethane
Concen: 20.432 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Tgt Ion: 97 Resp: 358060
Ion Ratio Lower Upper
97 100
99 62.7 50.1 75.1
61 49.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 50.633 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070260.D

Acq: 21 Dec 2021 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 65 Resp: 732804

Ion Ratio Lower Upper

65 100

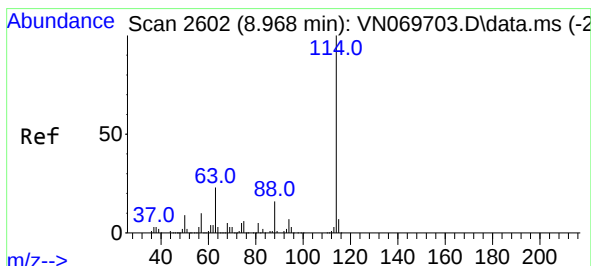
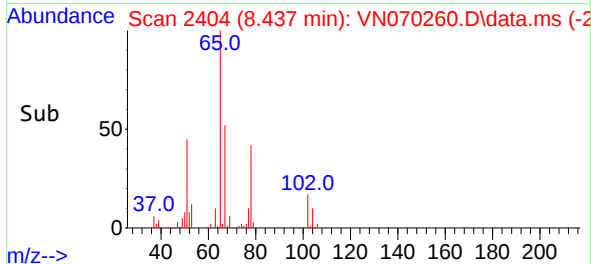
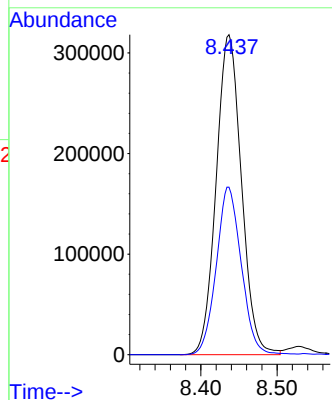
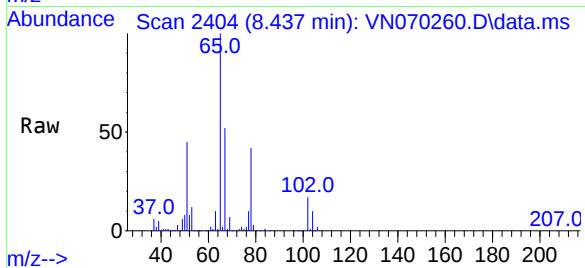
67 51.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070260.D

Acq: 21 Dec 2021 11:58

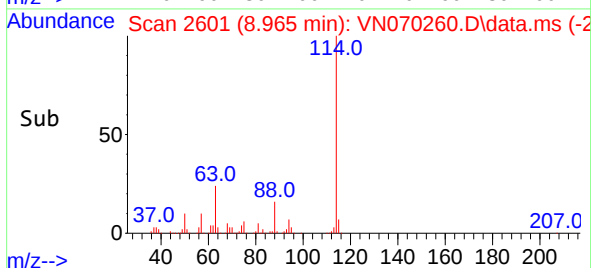
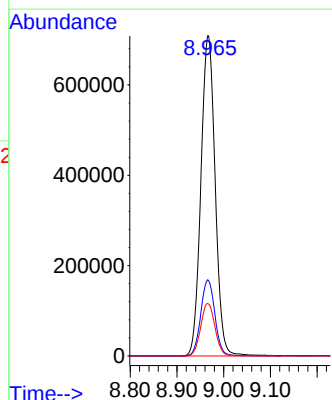
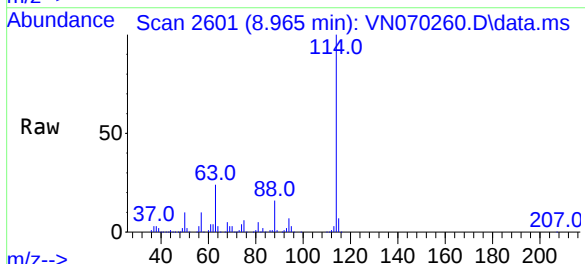
Tgt Ion:114 Resp: 1504919

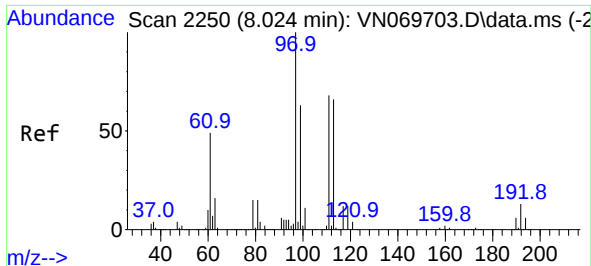
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

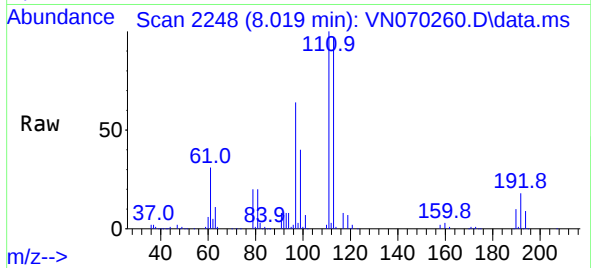
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.584 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

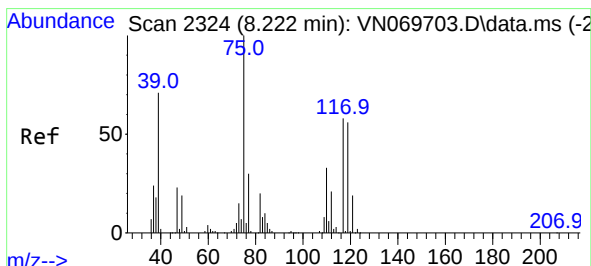
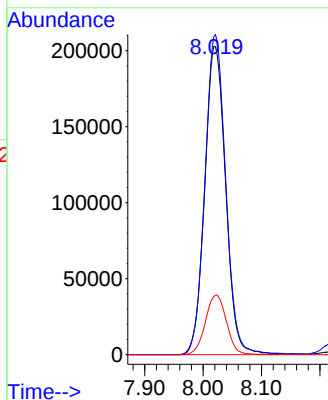
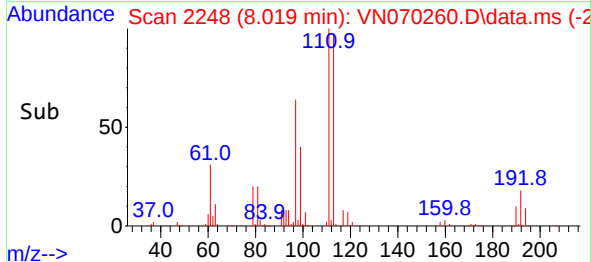
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



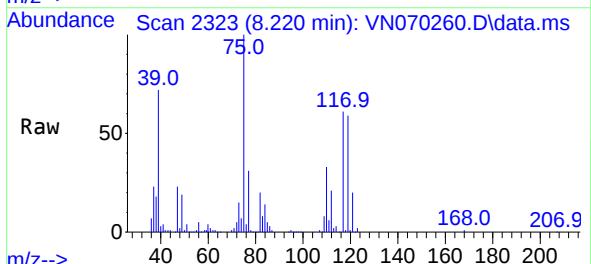
Tgt Ion:113 Resp: 50510
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.4 16.9 25.3

Manual Integrations
APPROVED

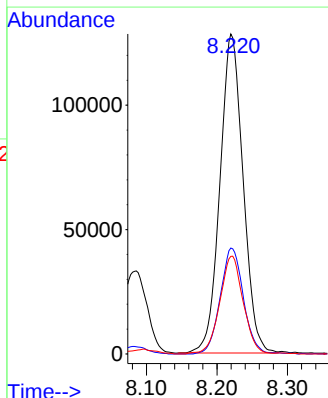
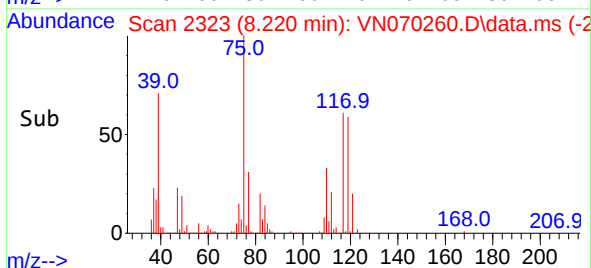
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

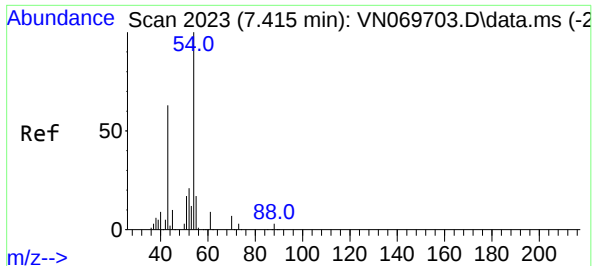


#36
1,1-Dichloropropene
Concen: 20.412 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



Tgt Ion: 75 Resp: 292435
Ion Ratio Lower Upper
75 100
110 33.3 18.4 55.2
77 31.0 24.4 36.6





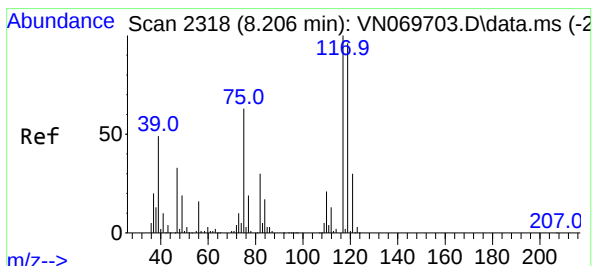
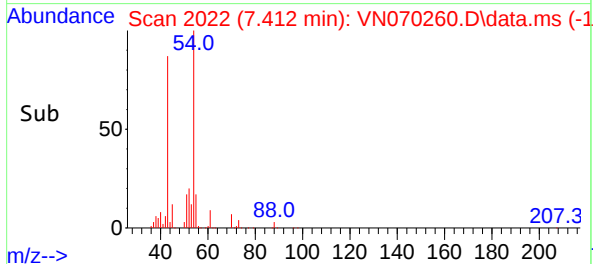
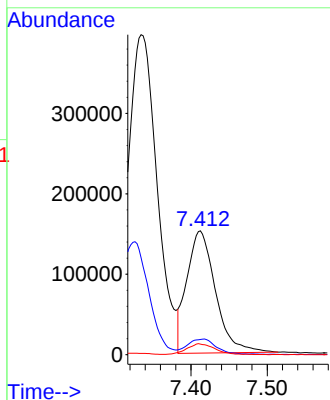
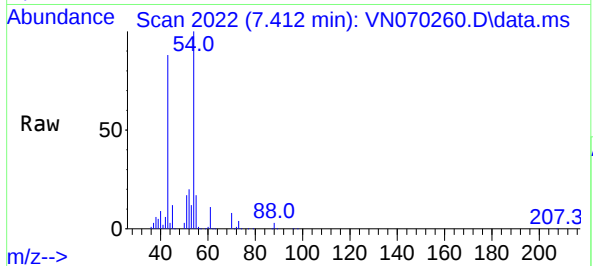
#37
Ethyl Acetate
Concen: 18.600 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 43 Resp: 396602
Ion Ratio Lower Upper
43 100
61 12.1 11.5 17.3
70 8.3 7.9 11.9

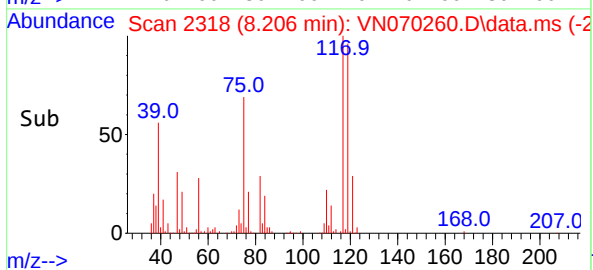
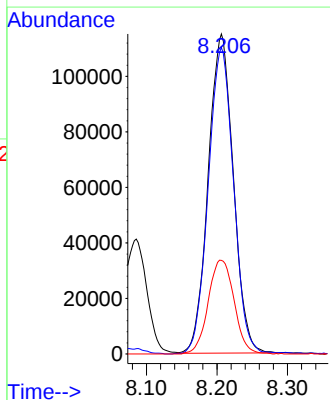
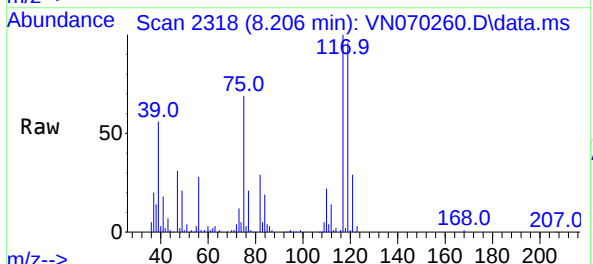
Manual Integrations
APPROVED

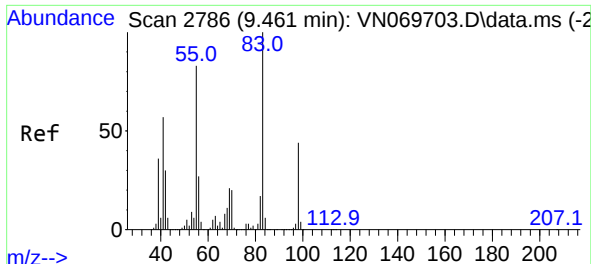
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#38
Carbon Tetrachloride
Concen: 20.211 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

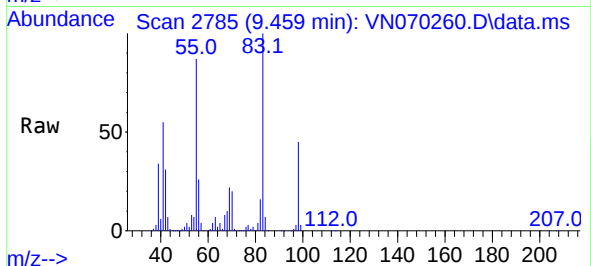
Tgt Ion:117 Resp: 283940
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1
121 29.3 24.2 36.2





#39
Methylcyclohexane
Concen: 19.757 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

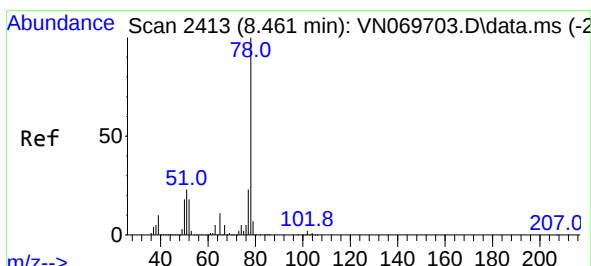
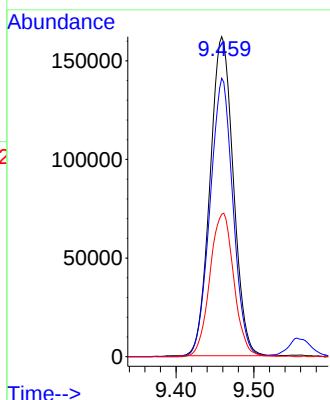
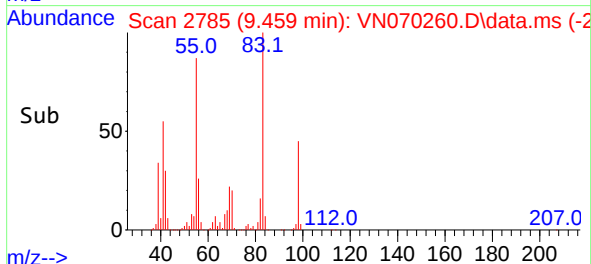
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 83 Resp: 33667
Ion Ratio Lower Upper
83 100
55 87.2 58.1 87.1
98 44.6 38.4 57.6

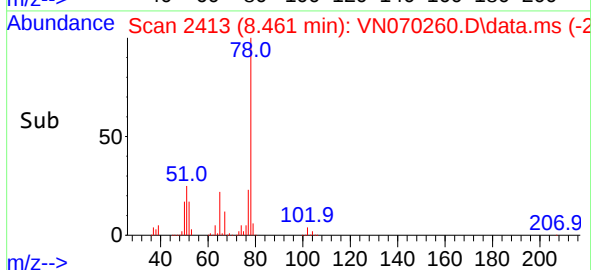
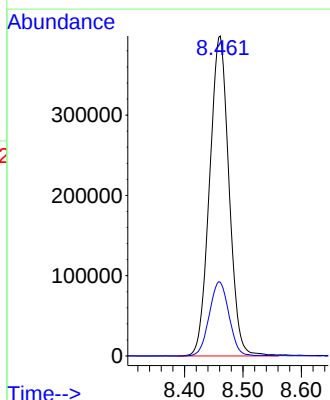
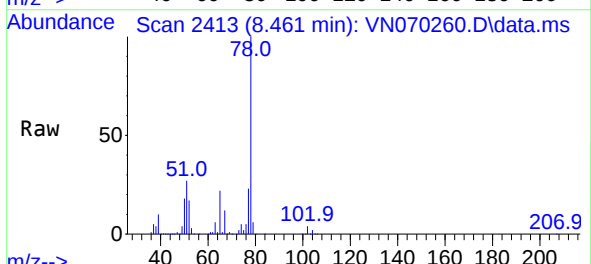
Manual Integrations
APPROVED

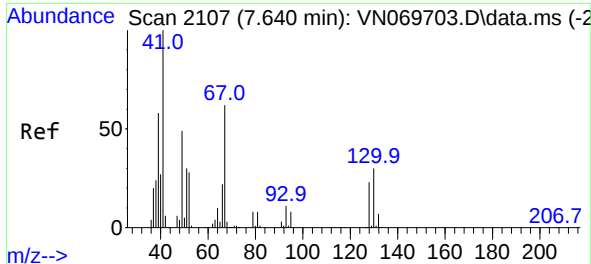
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#40
Benzene
Concen: 20.989 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

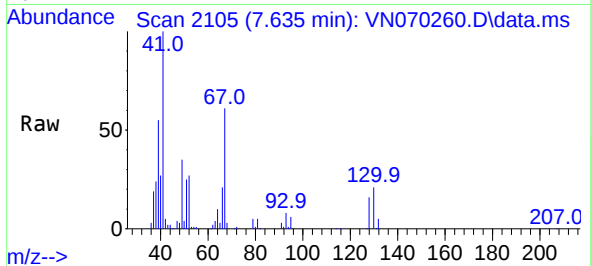
Tgt Ion: 78 Resp: 919092
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8





#41
Methacrylonitrile
Concen: 20.423 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

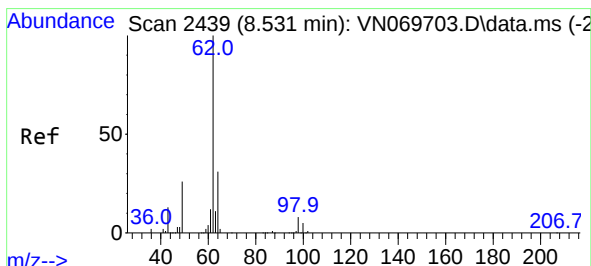
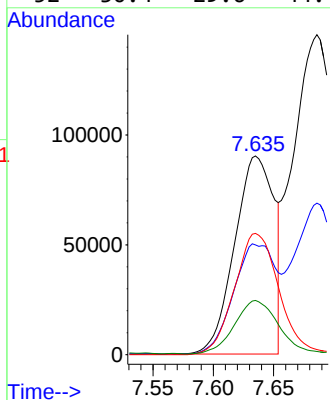
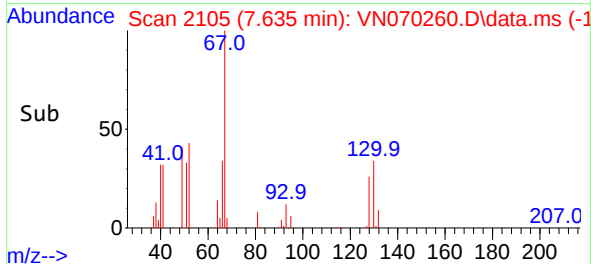
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



Tgt Ion: 41 Resp: 204425
Ion Ratio Lower Upper
41 100
39 60.4 48.1 72.1
67 70.2 68.3 102.5
52 30.4 29.6 44.4

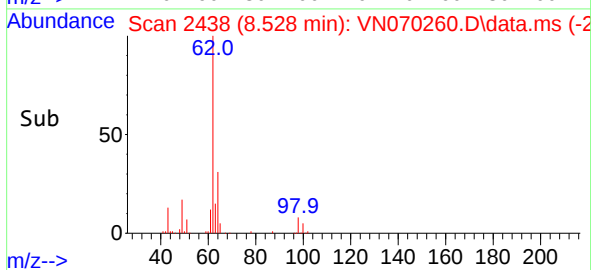
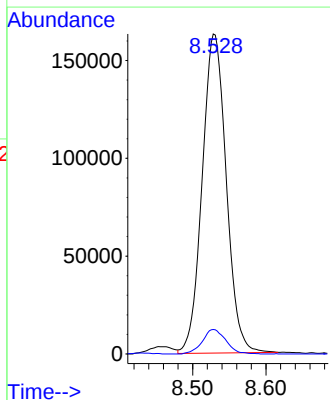
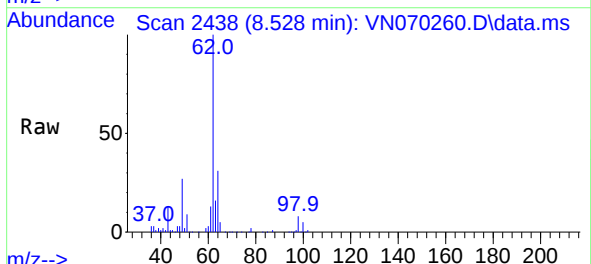
Manual Integrations
APPROVED

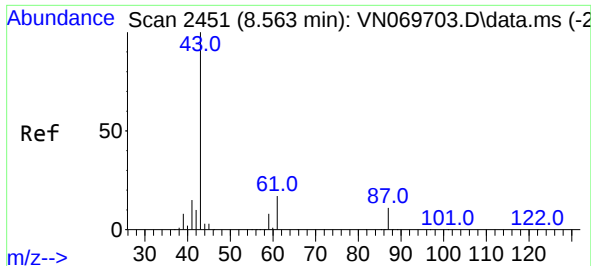
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#42
1,2-Dichloroethane
Concen: 21.064 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Tgt Ion: 62 Resp: 372359
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





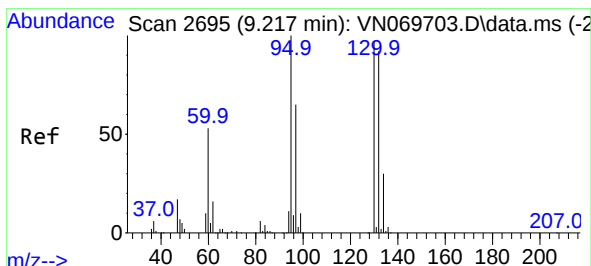
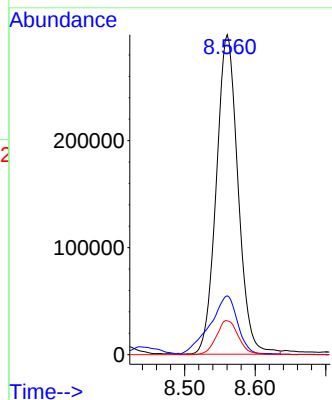
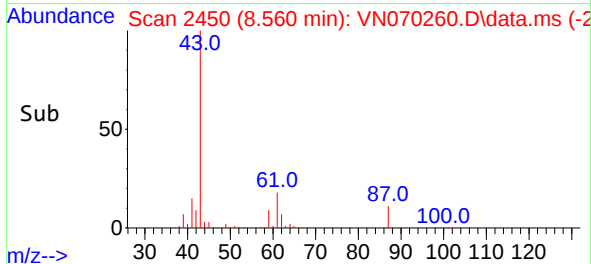
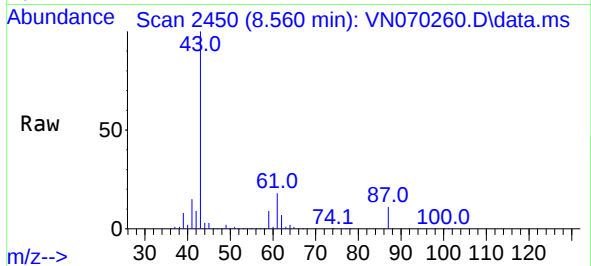
#43
Isopropyl Acetate
Concen: 20.267 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 43 Resp: 639530
Ion Ratio Lower Upper
43 100
61 23.7 20.4 30.6
87 10.8 11.2 16.8

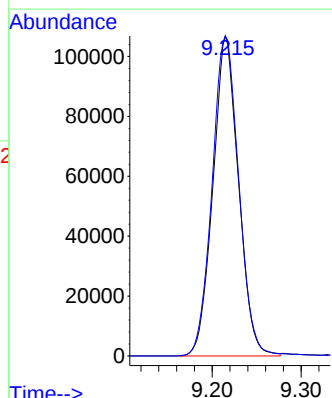
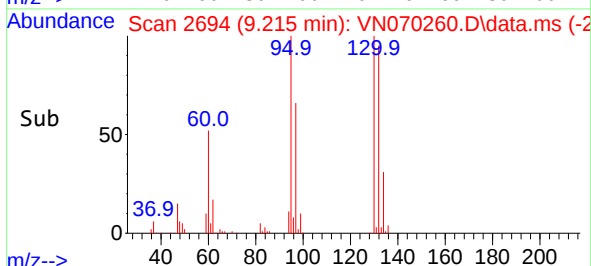
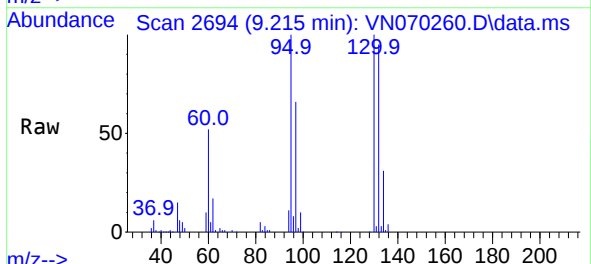
Manual Integrations
APPROVED

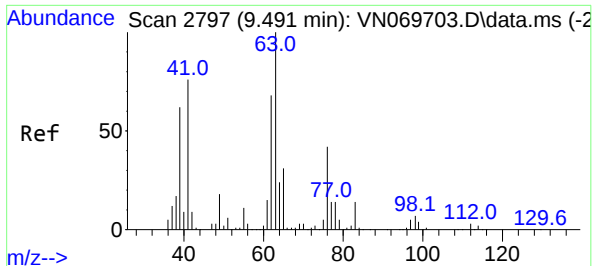
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#44
Trichloroethene
Concen: 20.395 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Tgt Ion:130 Resp: 213160
Ion Ratio Lower Upper
130 100
95 99.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 21.848 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070260.D

Acq: 21 Dec 2021 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 63 Resp: 256919

Ion Ratio Lower Upper

63 100

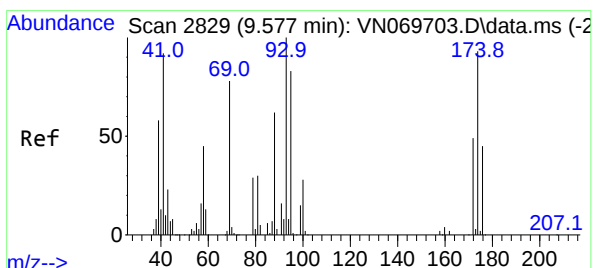
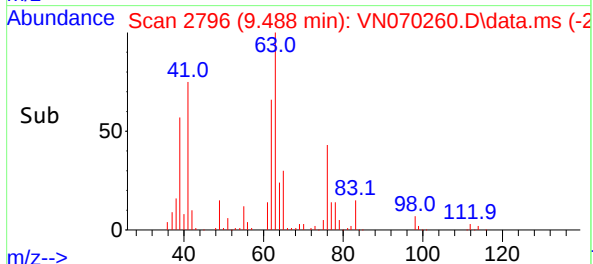
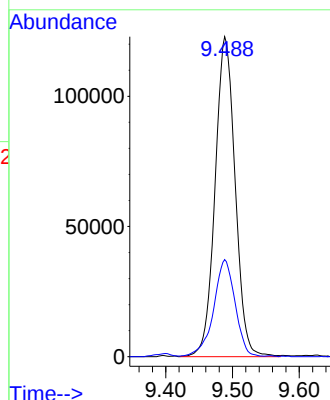
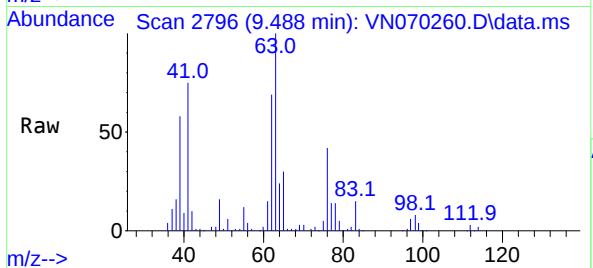
65 30.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#46

Dibromomethane

Concen: 20.367 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070260.D

Acq: 21 Dec 2021 11:58

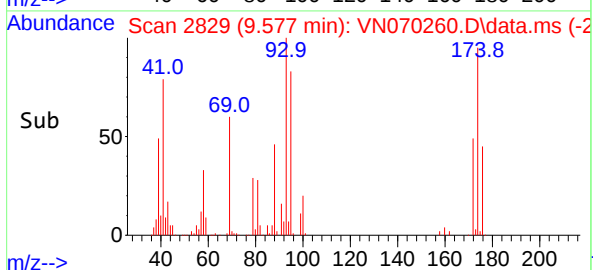
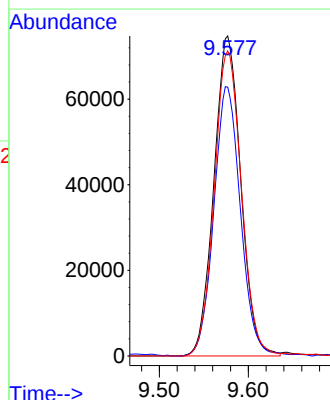
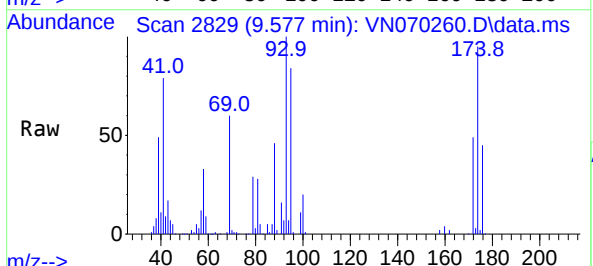
Tgt Ion: 93 Resp: 157071

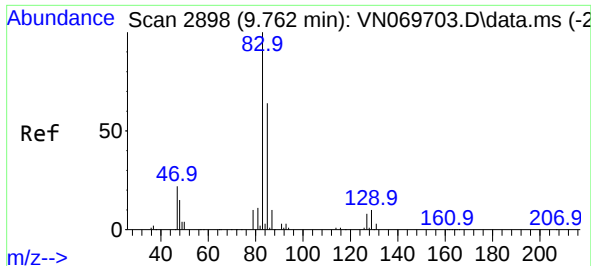
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

174 96.4 84.6 127.0





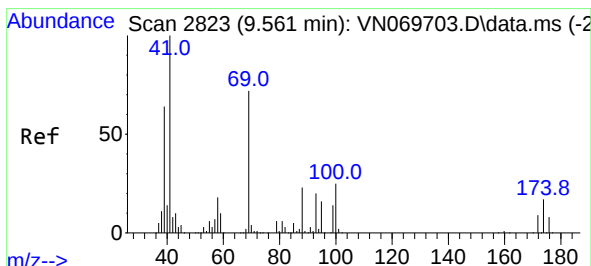
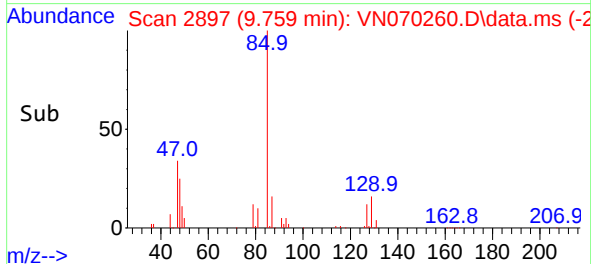
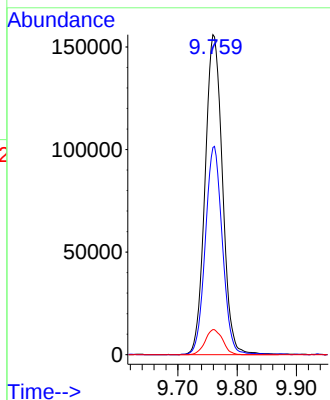
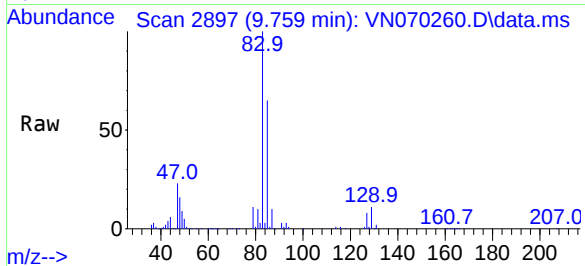
#47
Bromodichloromethane
Concen: 21.714 ug/l
RT: 9.759 min Scan# 21706
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 83 Resp: 31706
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3
127 7.8 7.1 10.7

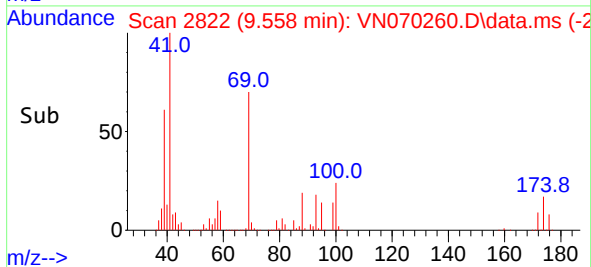
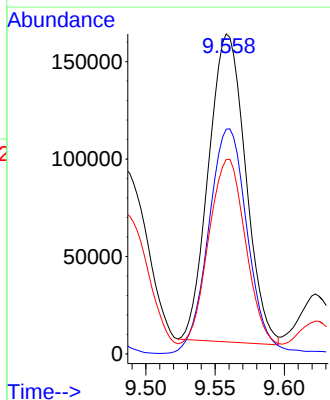
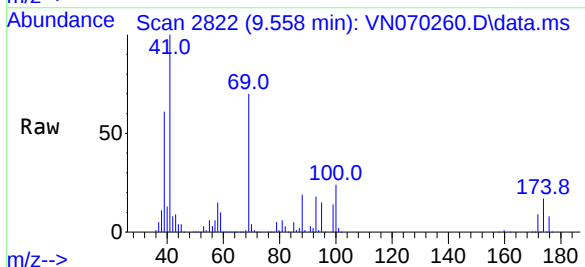
Manual Integrations
APPROVED

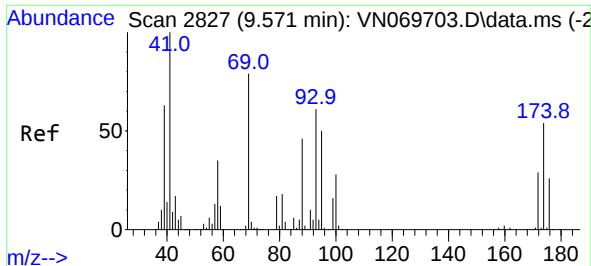
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#48
Methyl methacrylate
Concen: 19.922 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Tgt Ion: 41 Resp: 293369
Ion Ratio Lower Upper
41 100
69 77.4 72.4 108.6
39 65.9 58.4 87.6





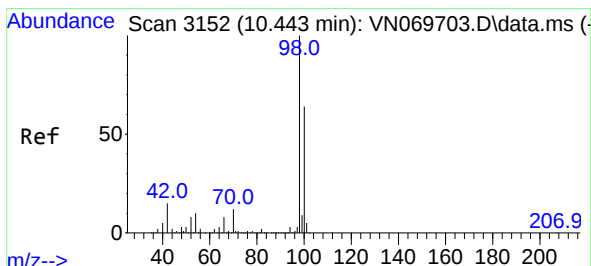
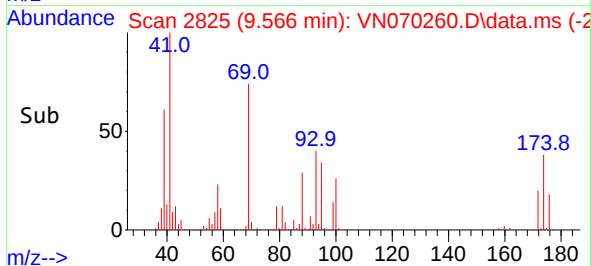
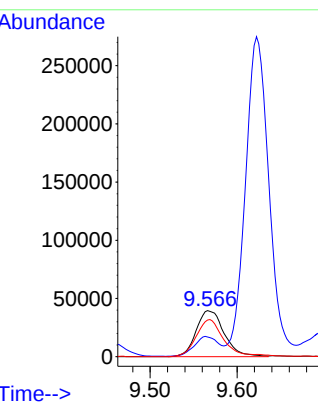
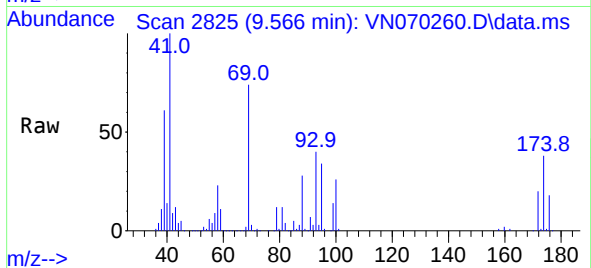
#49
1,4-Dioxane
Concen: 336.214 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. -0.005 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 88 Resp: 88830
Ion Ratio Lower Upper
88 100
43 37.1 23.4 35.2
58 77.2 50.6 75.8

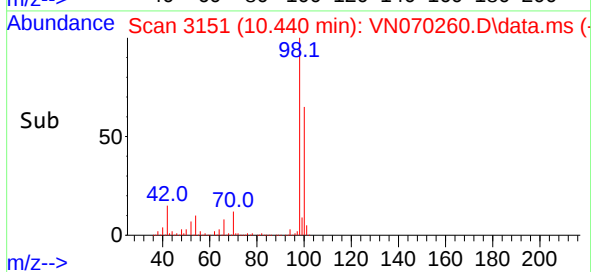
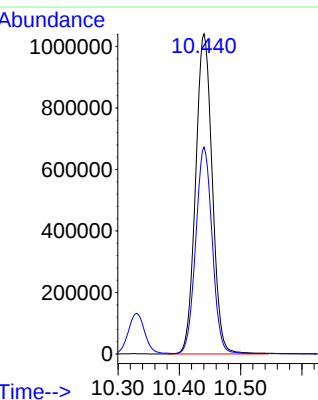
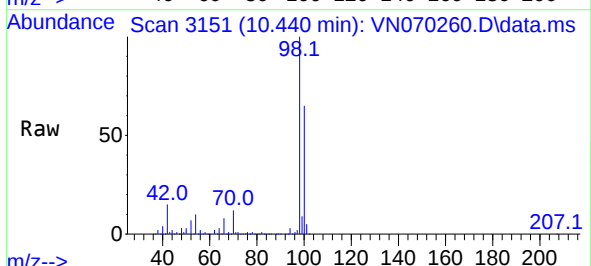
Manual Integrations
APPROVED

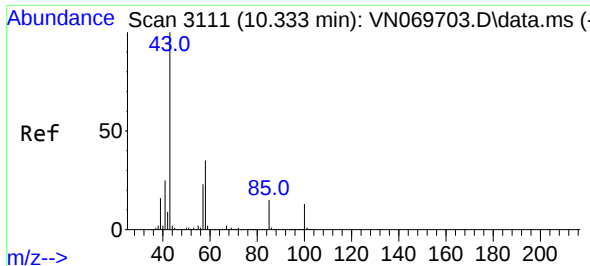
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#50
Toluene-d8
Concen: 51.924 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

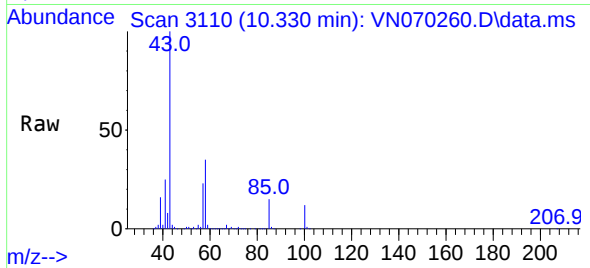
Tgt Ion: 98 Resp: 1965340
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 100.590 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

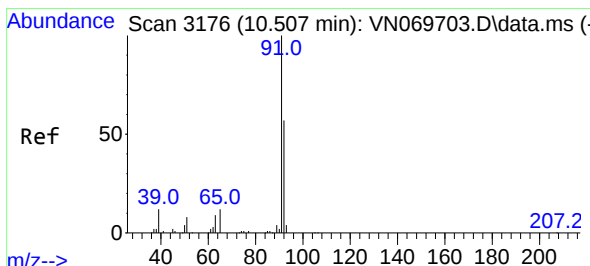
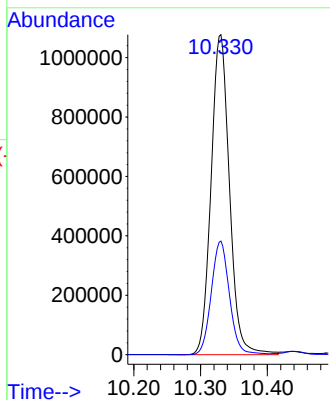
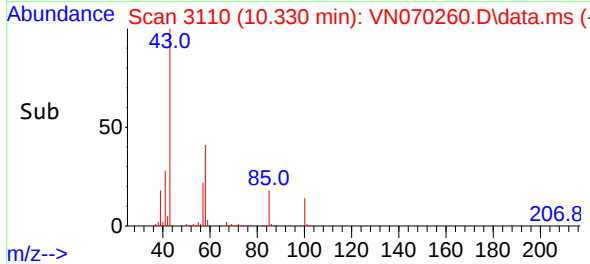
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



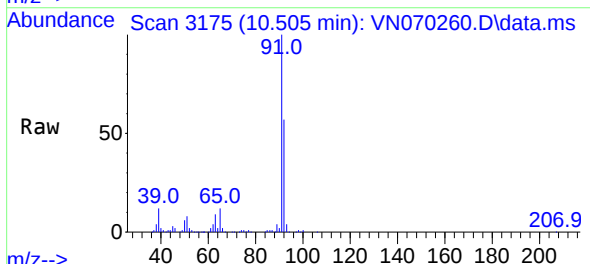
Tgt Ion: 43 Resp: 205910
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

Manual Integrations
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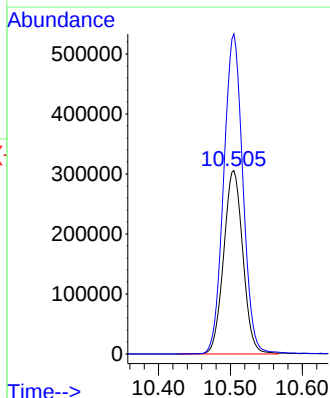
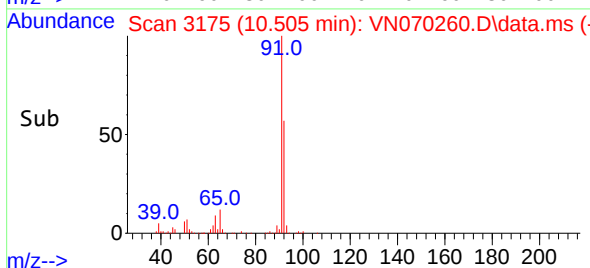
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

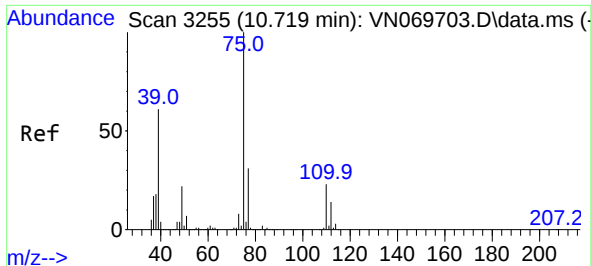


#52
Toluene
Concen: 21.160 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



Tgt Ion: 92 Resp: 565706
Ion Ratio Lower Upper
92 100
91 174.9 142.0 213.0





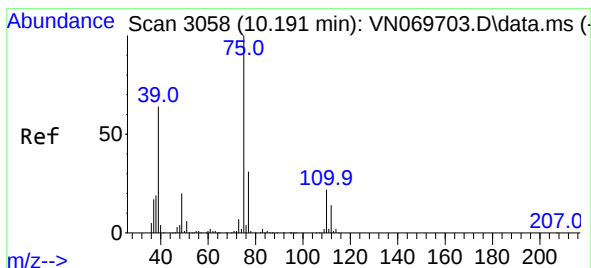
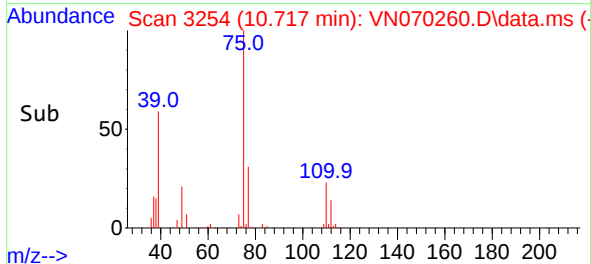
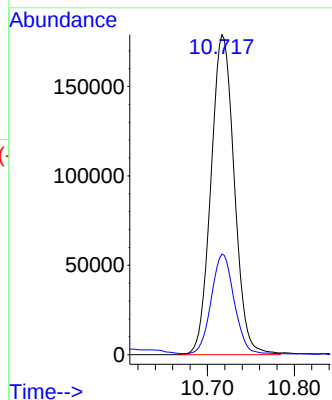
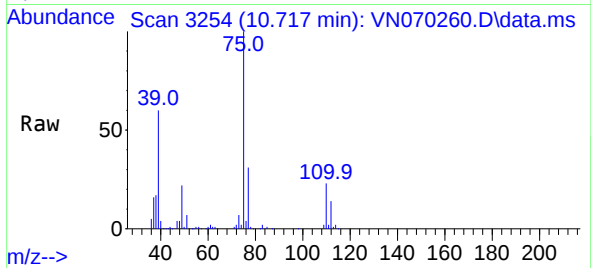
#53
t-1,3-Dichloropropene
Concen: 20.740 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 75 Resp: 333870
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

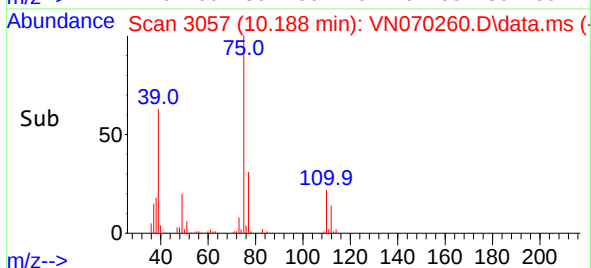
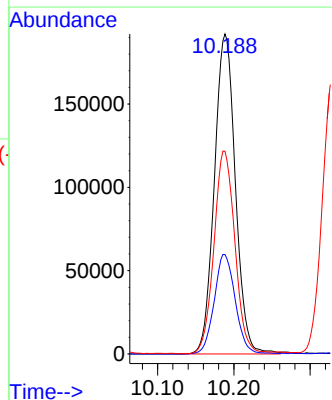
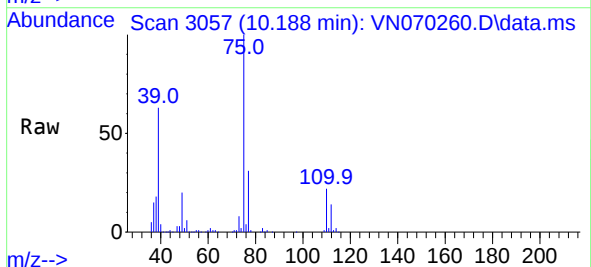
Manual Integrations
APPROVED

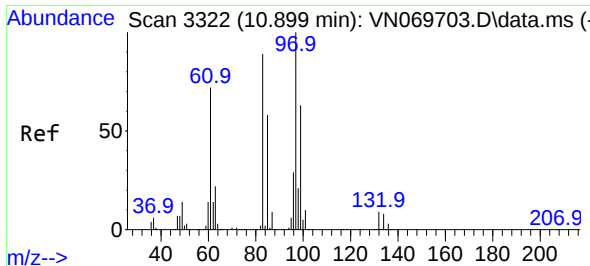
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#54
cis-1,3-Dichloropropene
Concen: 21.139 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

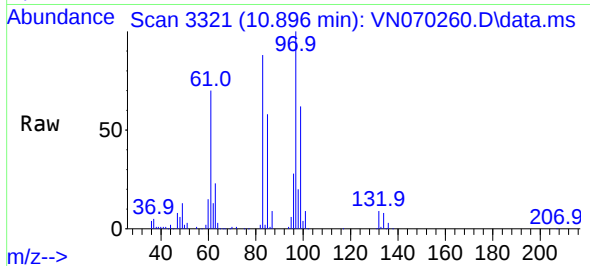
Tgt Ion: 75 Resp: 367525
Ion Ratio Lower Upper
75 100
77 31.0 26.4 39.6
39 63.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 21.322 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

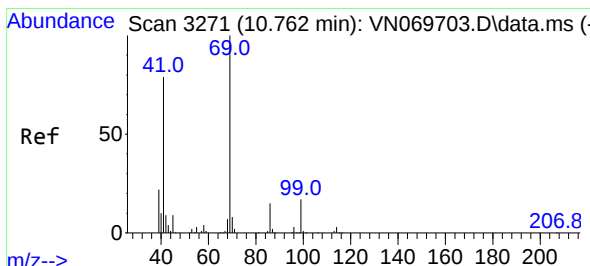
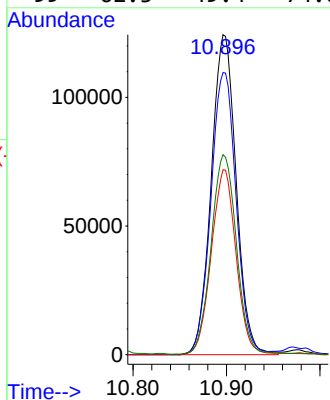
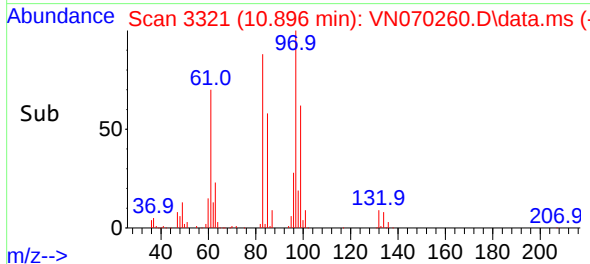
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



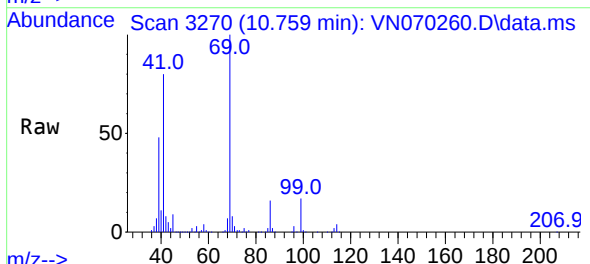
Tgt Ion: 97 Resp: 229999
Ion Ratio Lower Upper
97 100
83 88.2 67.8 101.6
85 57.8 45.4 68.2
99 62.3 49.4 74.0

Manual Integrations
APPROVED

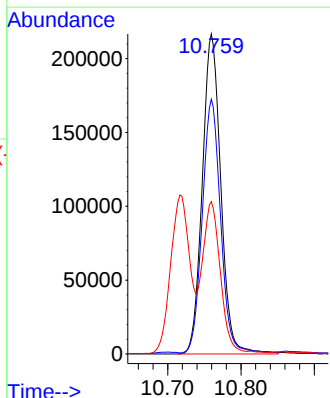
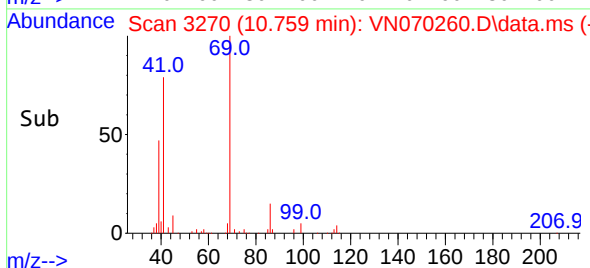
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

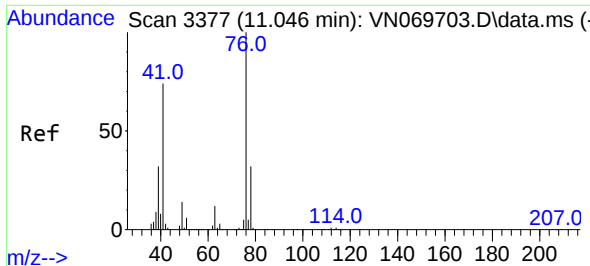


#56
Ethyl methacrylate
Concen: 20.099 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



Tgt Ion: 69 Resp: 380007
Ion Ratio Lower Upper
69 100
41 77.9 51.4 77.0#
39 43.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 21.618 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070260.D

Acq: 21 Dec 2021 11:58

Instrument :

MSVOA_N

ClientSampleId :

VN1221WBS01

Tgt Ion: 76 Resp: 410602

Ion Ratio Lower Upper

76 100

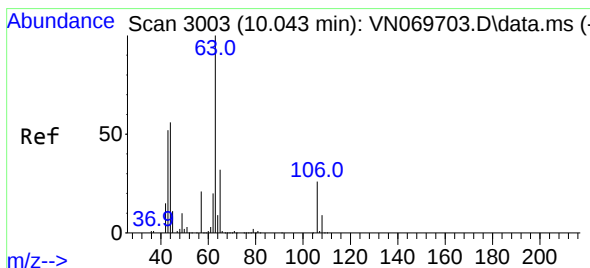
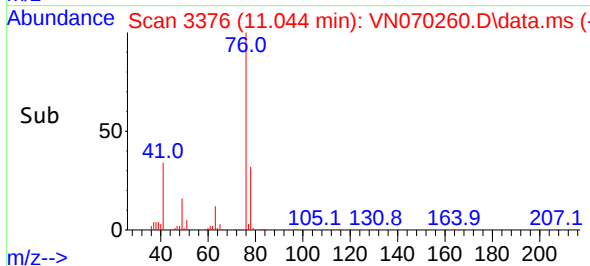
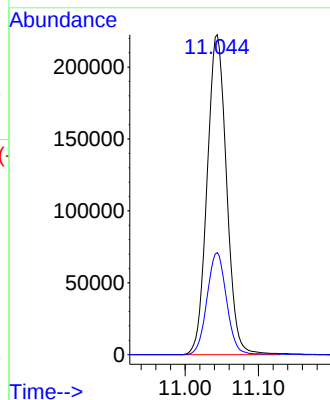
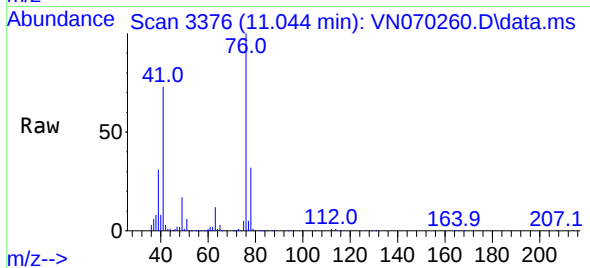
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/22/2021

Supervised By :Semsettin Yesilyurt 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 95.060 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070260.D

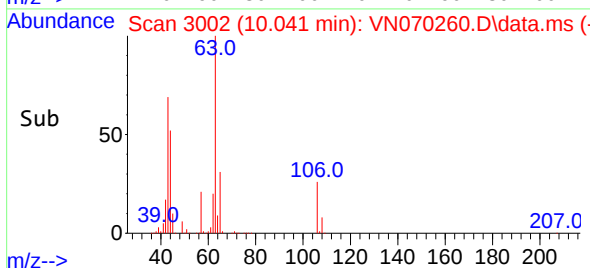
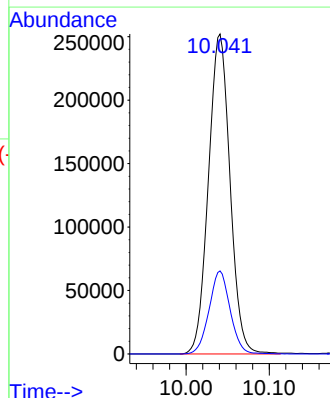
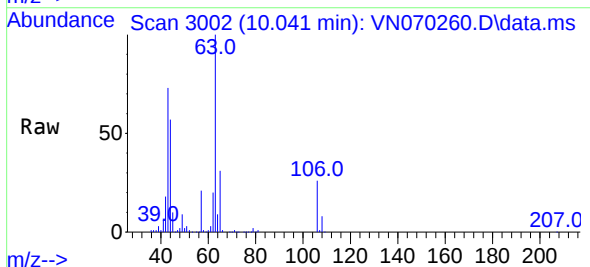
Acq: 21 Dec 2021 11:58

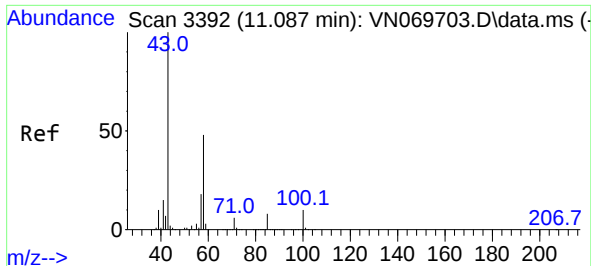
Tgt Ion: 63 Resp: 454863

Ion Ratio Lower Upper

63 100

106 25.4 23.9 35.9





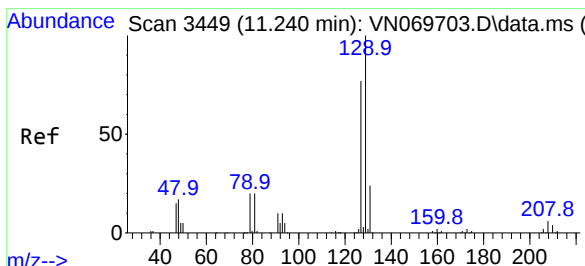
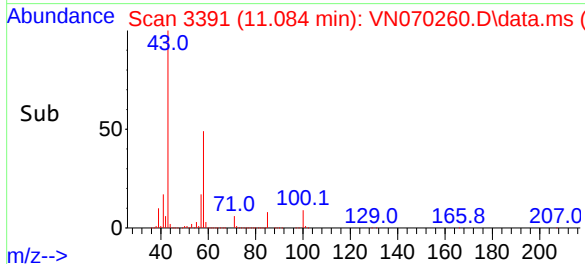
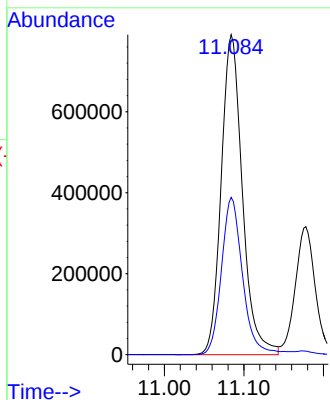
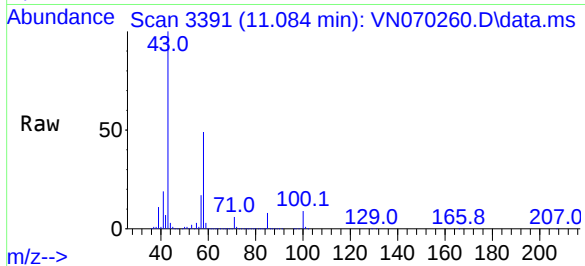
#59
2-Hexanone
Concen: 94.640 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 43 Resp: 146551
Ion Ratio Lower Upper
43 100
58 48.8 26.9 80.7

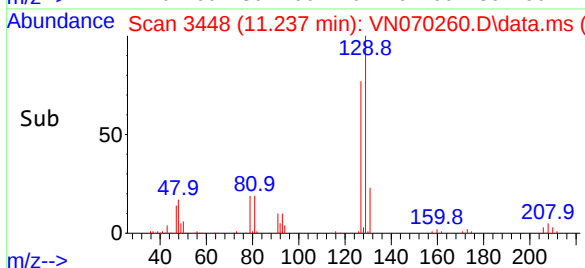
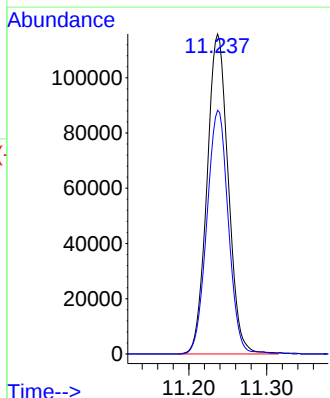
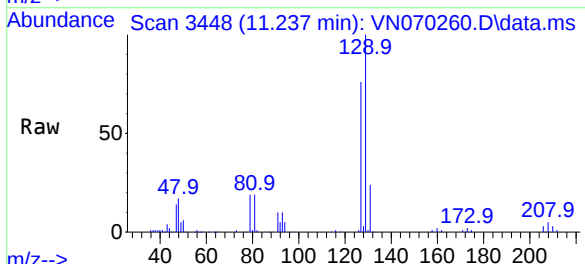
Manual Integrations
APPROVED

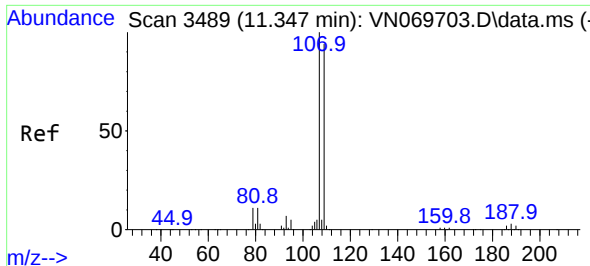
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#60
Dibromochloromethane
Concen: 20.466 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Tgt Ion:129 Resp: 219504
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





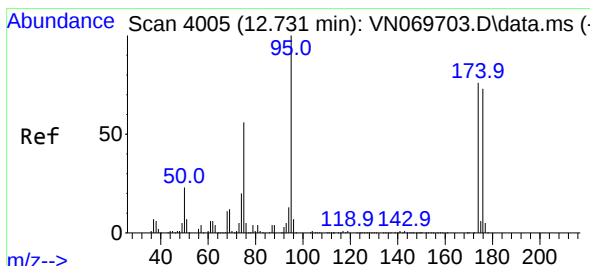
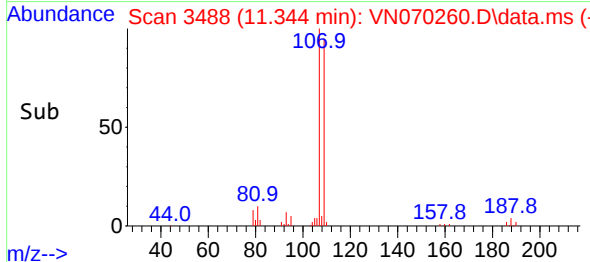
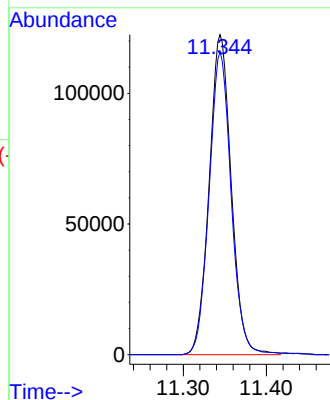
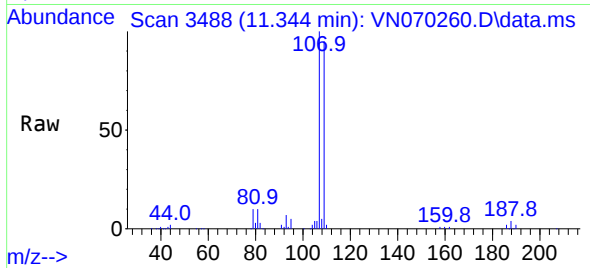
#61
1,2-Dibromoethane
Concen: 20.221 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:107 Resp: 22592
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

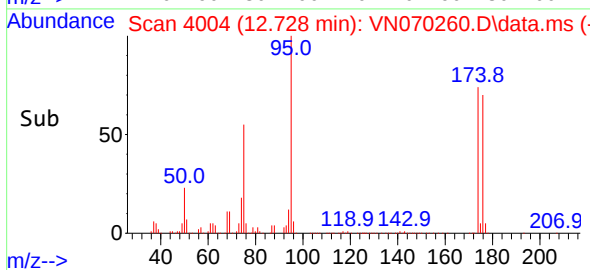
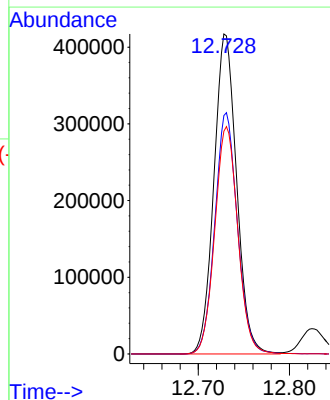
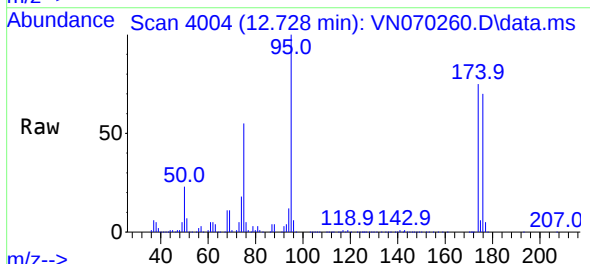
Manual Integrations
APPROVED

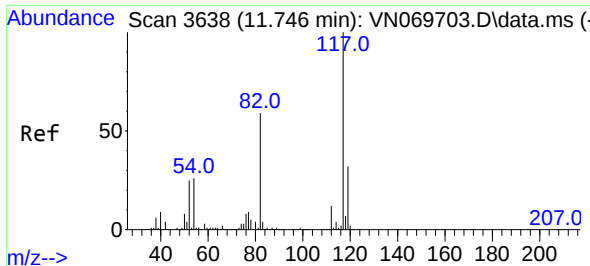
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#62
4-Bromofluorobenzene
Concen: 52.717 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

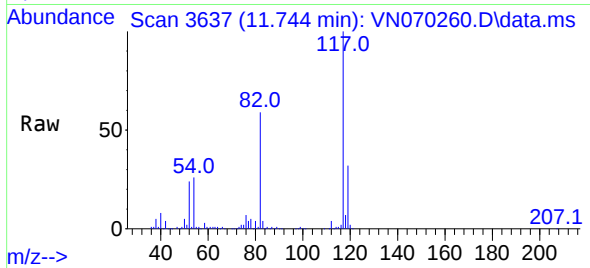
Tgt Ion: 95 Resp: 722876
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 72.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

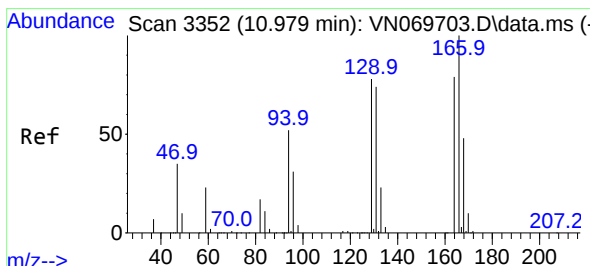
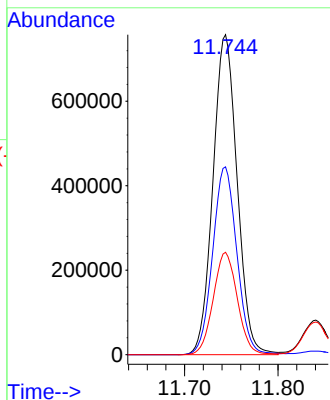
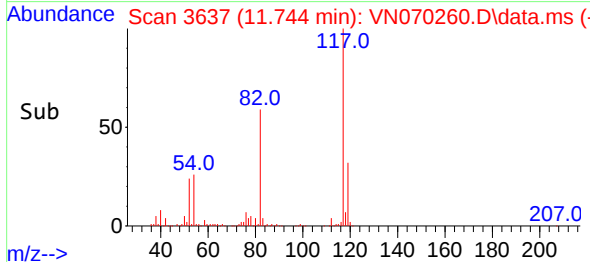
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



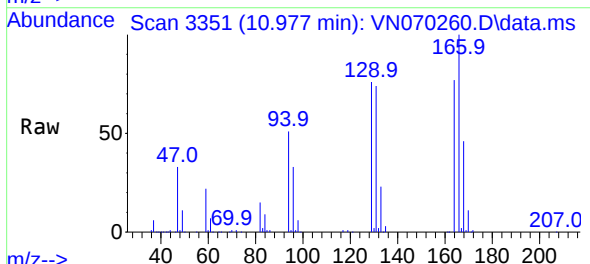
Tgt Ion:117 Resp: 136416
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

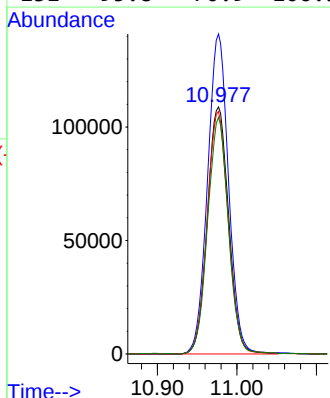
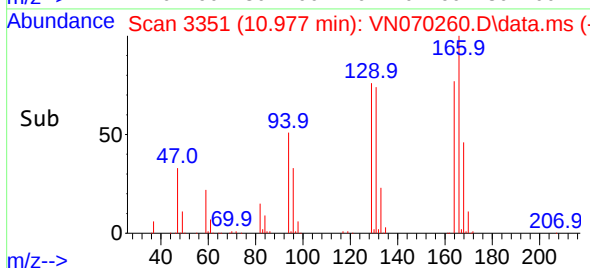
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

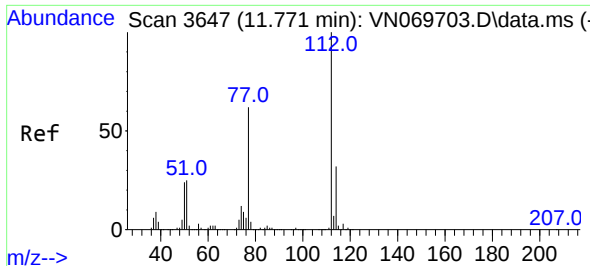


#64
Tetrachloroethene
Concen: 22.000 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



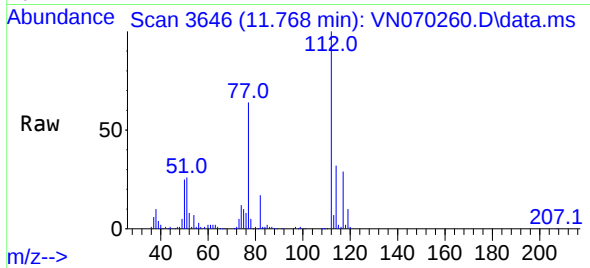
Tgt Ion:164 Resp: 203501
Ion Ratio Lower Upper
164 100
166 129.6 101.9 152.9
129 98.2 72.0 108.0
131 95.8 70.9 106.3





#65
Chlorobenzene
Concen: 21.618 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

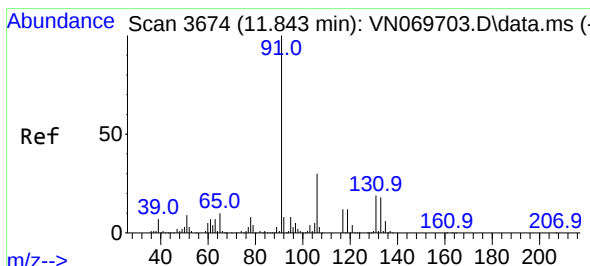
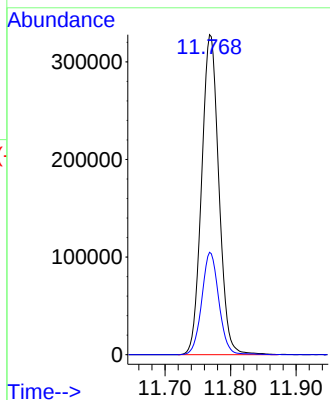
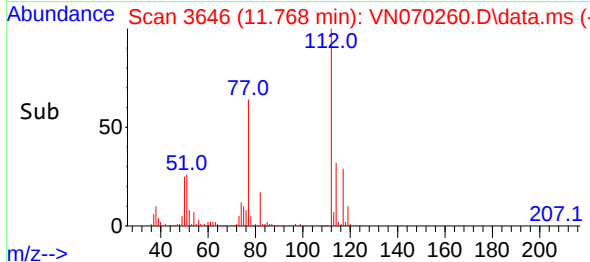
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



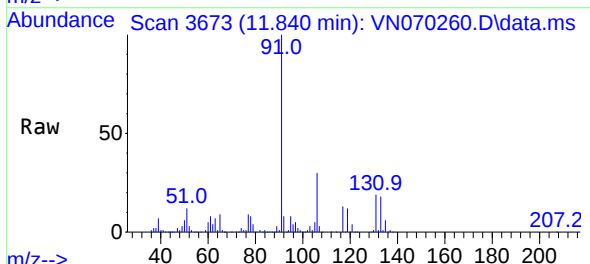
Tgt Ion:112 Resp: 59826
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
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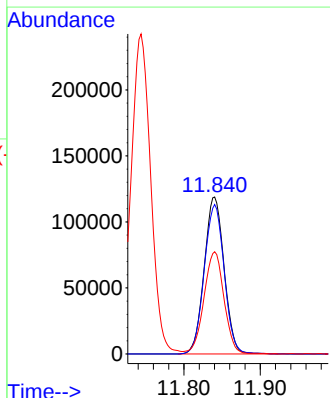
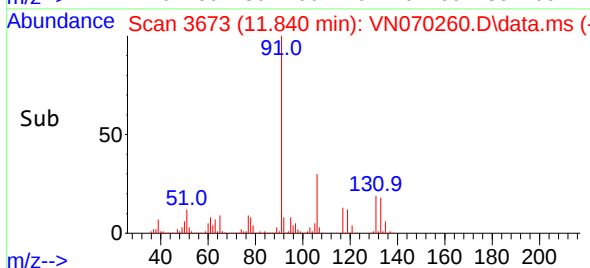
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

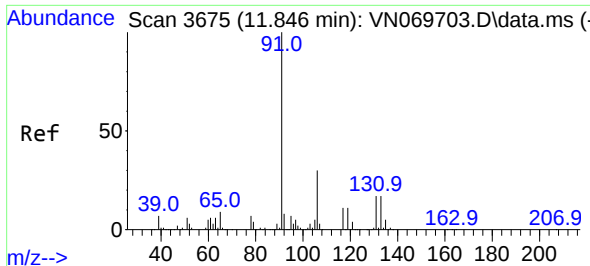


#66
1,1,1,2-Tetrachloroethane
Concen: 22.108 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



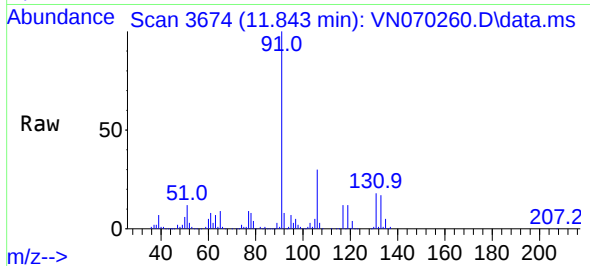
Tgt Ion:131 Resp: 215348
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 64.9 32.1 96.5





#67
Ethyl Benzene
Concen: 22.180 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

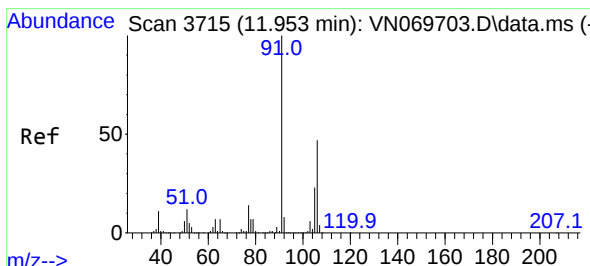
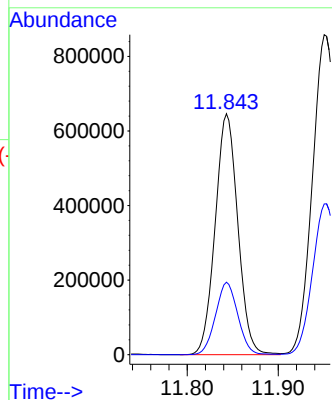
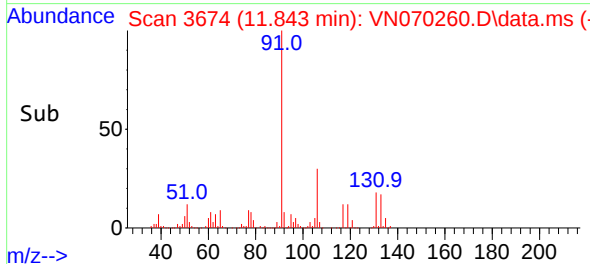
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



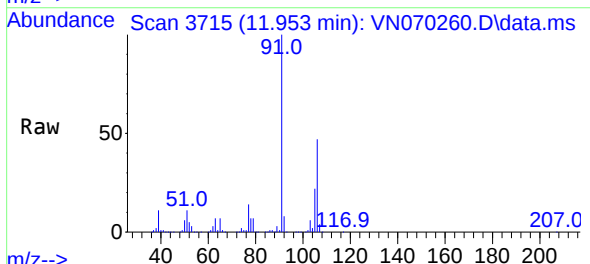
Tgt Ion: 91 Resp: 1114984
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

Manual Integrations
APPROVED

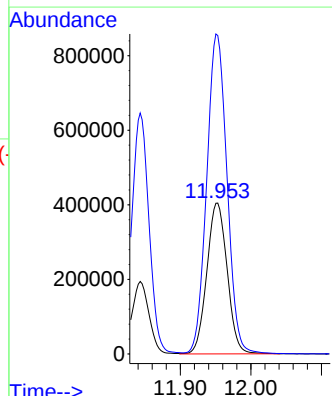
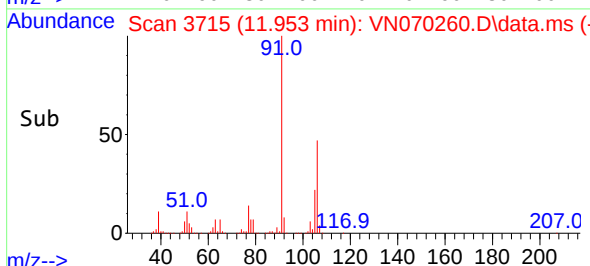
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

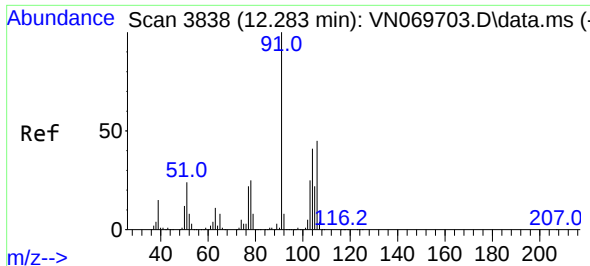


#68
m/p-Xylenes
Concen: 44.141 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



Tgt Ion:106 Resp: 807955
Ion Ratio Lower Upper
106 100
91 212.4 160.6 240.8





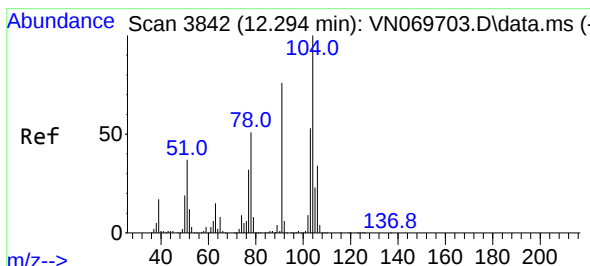
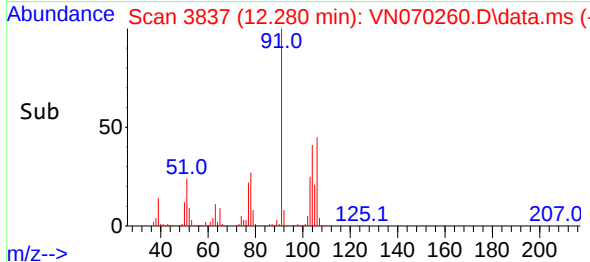
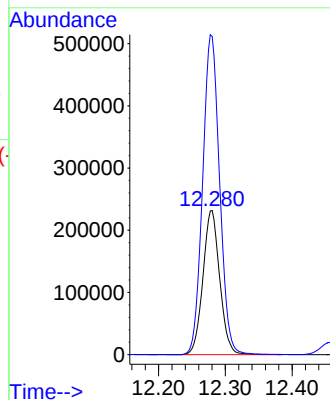
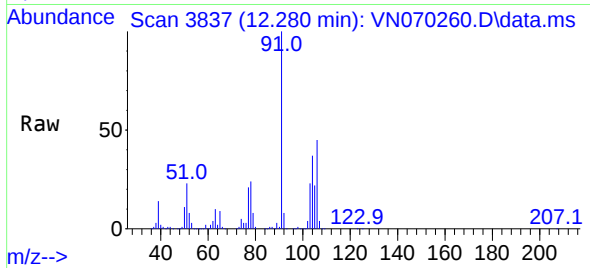
#69
o-Xylene
Concen: 21.956 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:106 Resp: 404800
Ion Ratio Lower Upper
106 100
91 224.6 105.8 317.3

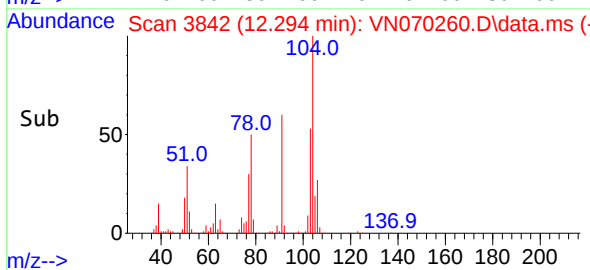
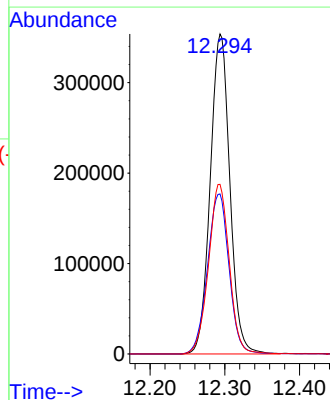
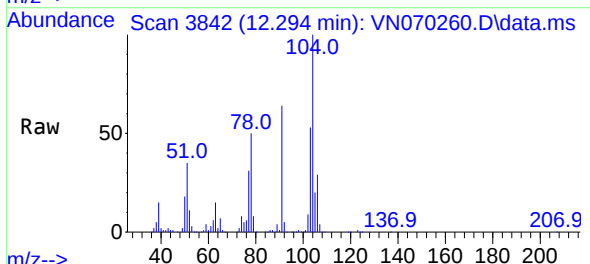
Manual Integrations
APPROVED

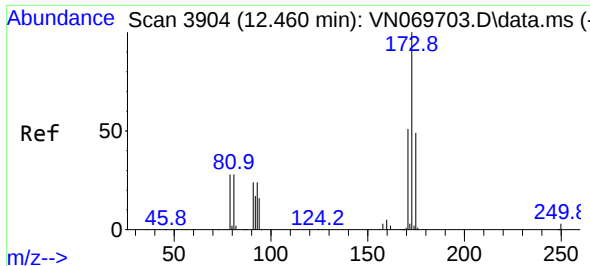
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#70
Styrene
Concen: 22.068 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Tgt Ion:104 Resp: 645180
Ion Ratio Lower Upper
104 100
78 55.0 38.7 58.1
103 56.1 45.0 67.6





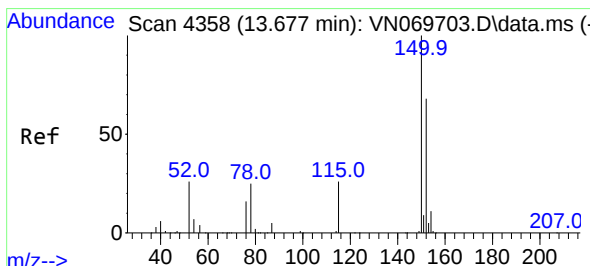
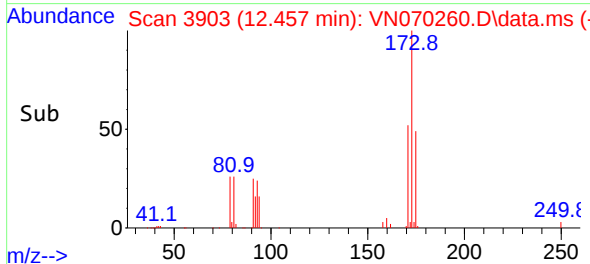
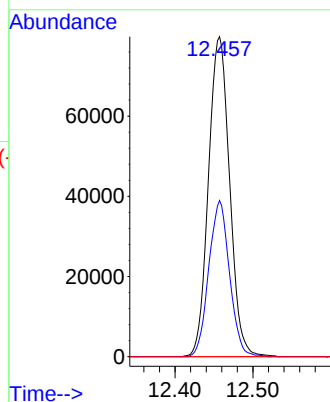
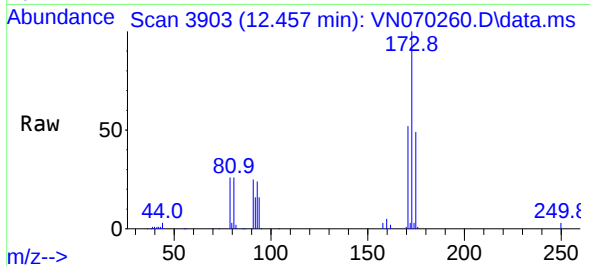
#71
Bromoform
Concen: 19.845 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:173 Resp: 150820
Ion Ratio Lower Upper
173 100
175 47.8 24.2 72.6
254 0.0 0.0 0.0

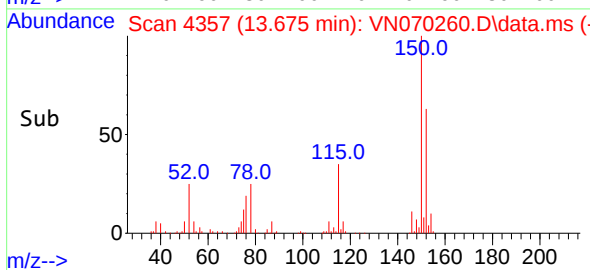
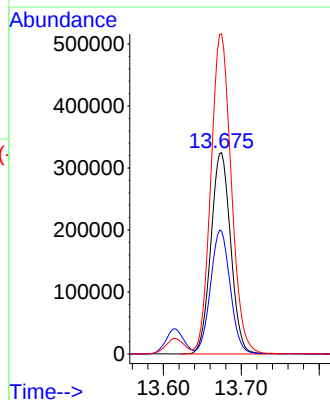
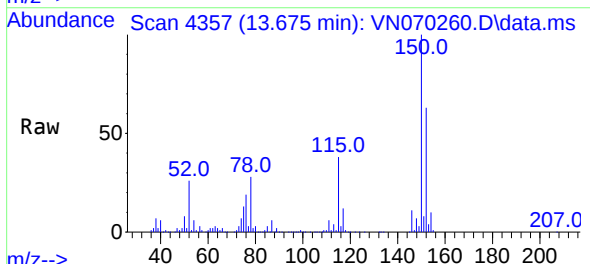
Manual Integrations
APPROVED

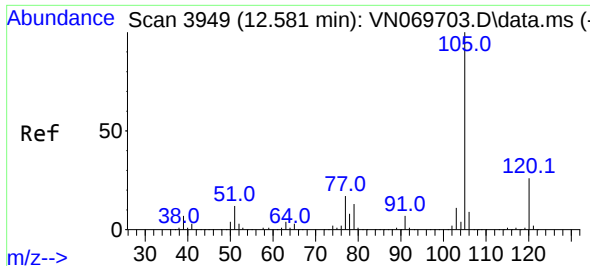
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Tgt Ion:152 Resp: 573108
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 164.3 0.0 344.4





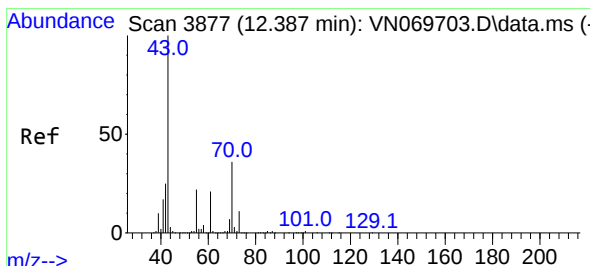
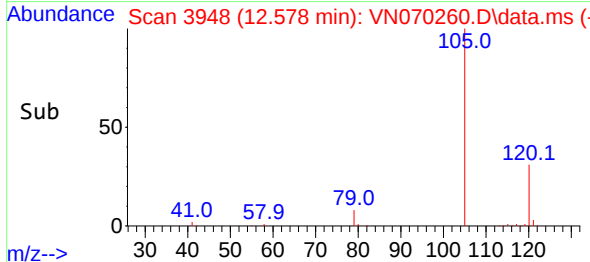
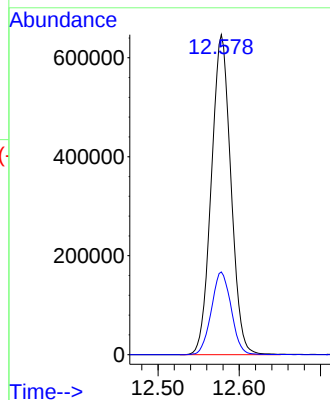
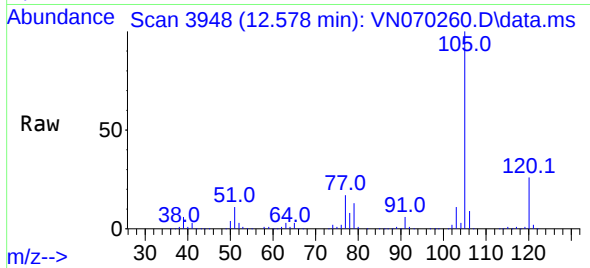
#73
Isopropylbenzene
Concen: 21.187 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:105 Resp: 1080310
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1

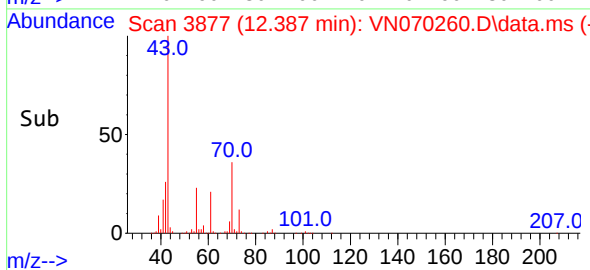
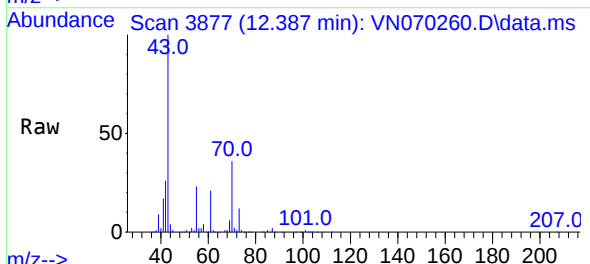
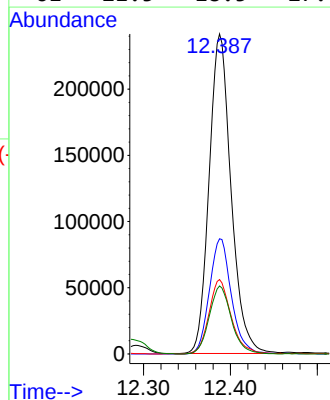
Manual Integrations
APPROVED

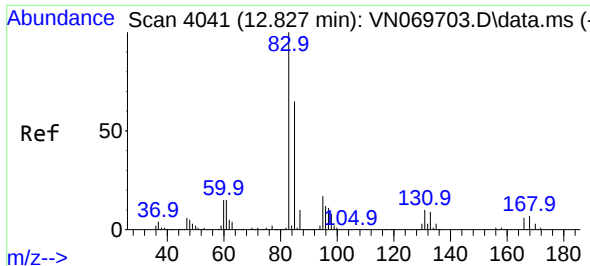
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#74
N-ethyl acetate
Concen: 18.752 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

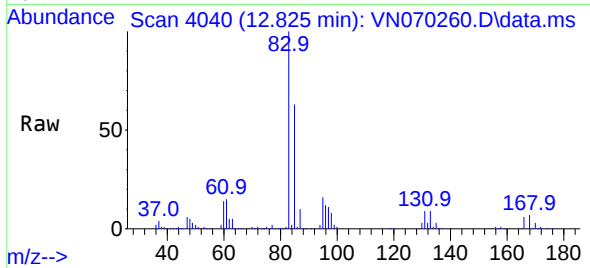
Tgt Ion: 43 Resp: 422862
Ion Ratio Lower Upper
43 100
70 36.2 33.4 50.0
55 23.6 19.3 28.9
61 21.5 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.073 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

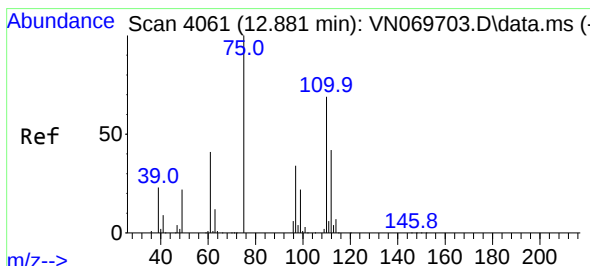
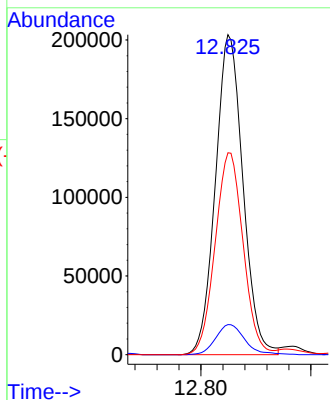
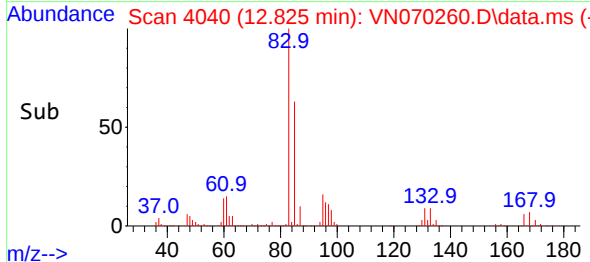
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



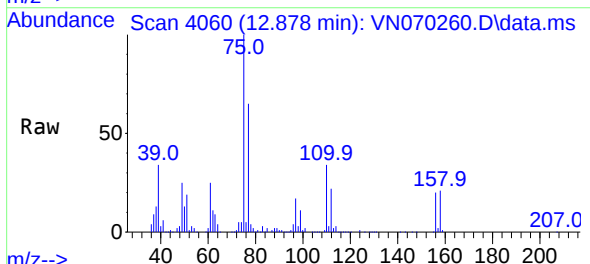
Tgt Ion: 83 Resp: 35394
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.0 32.4 97.2

Manual Integrations
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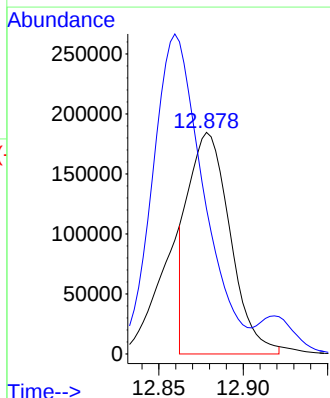
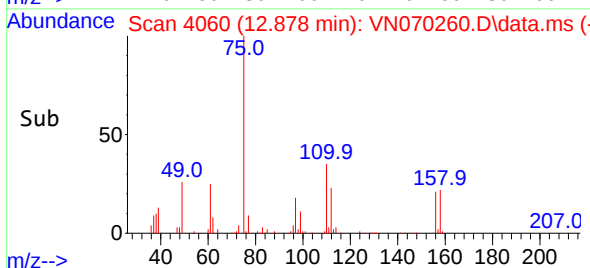
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

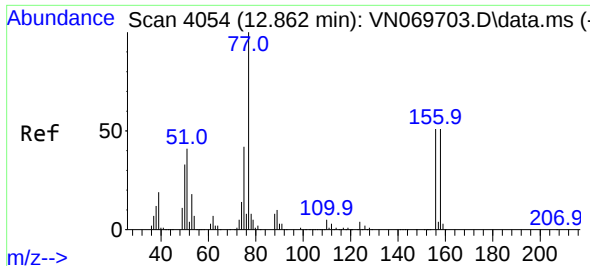


#76
1,2,3-Trichloropropane
Concen: 19.373 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



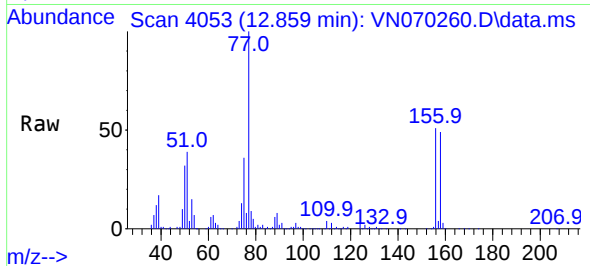
Tgt Ion: 75 Resp: 318396
Ion Ratio Lower Upper
75 100
77 176.1 82.6 247.8





#77
Bromobenzene
Concen: 20.529 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

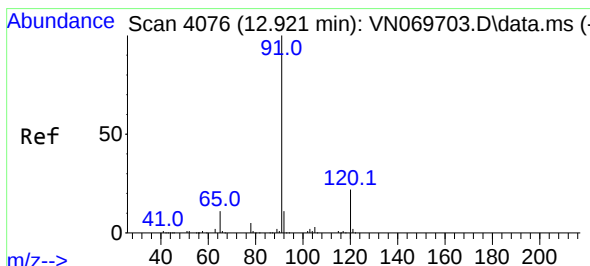
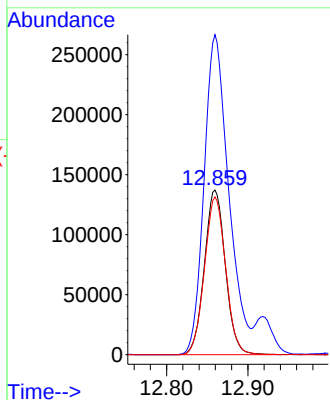
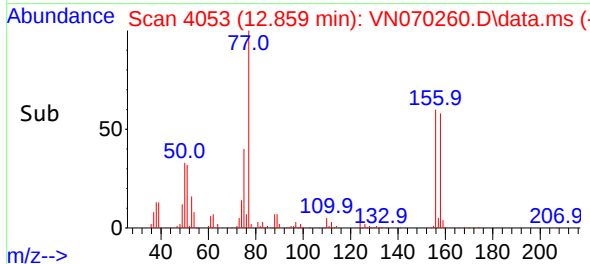
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



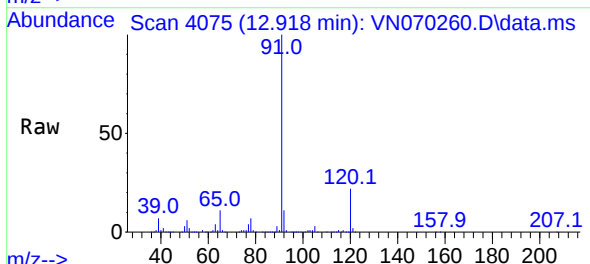
Tgt Ion:156 Resp: 245879
Ion Ratio Lower Upper
156 100
77 228.0 90.6 271.8
158 97.0 48.9 146.7

Manual Integrations
APPROVED

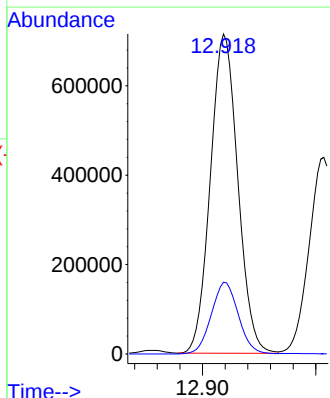
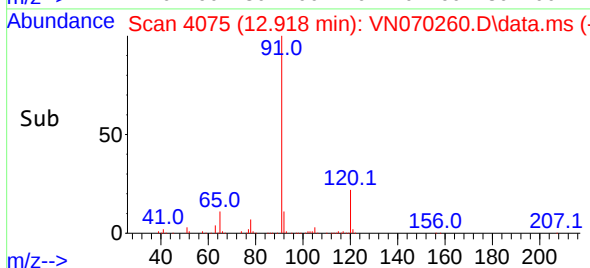
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

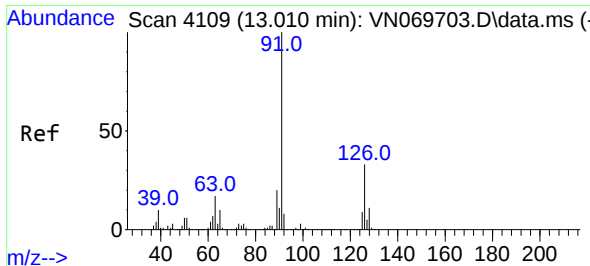


#78
n-propylbenzene
Concen: 21.155 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



Tgt Ion: 91 Resp: 1200369
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





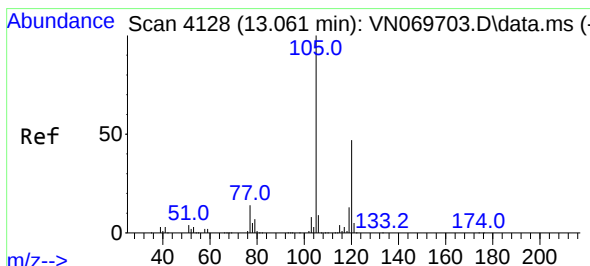
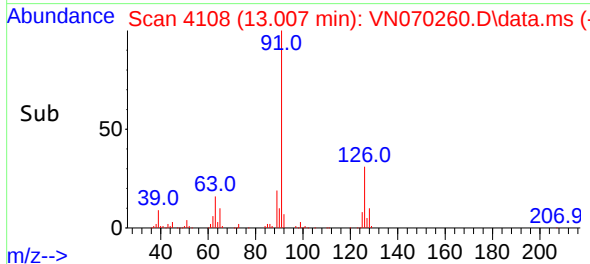
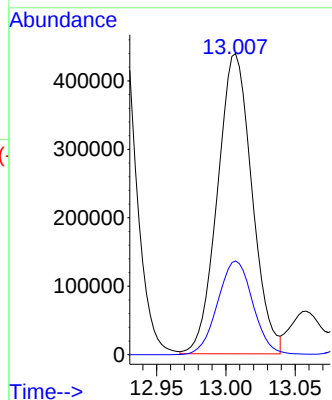
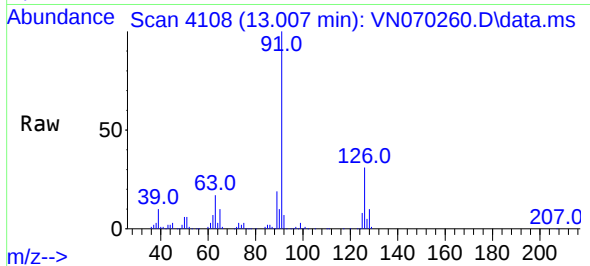
#79
2-Chlorotoluene
Concen: 21.182 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion: 91 Resp: 759458
Ion Ratio Lower Upper
91 100
126 32.0 18.3 54.8

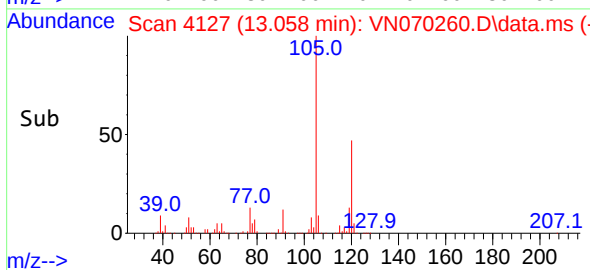
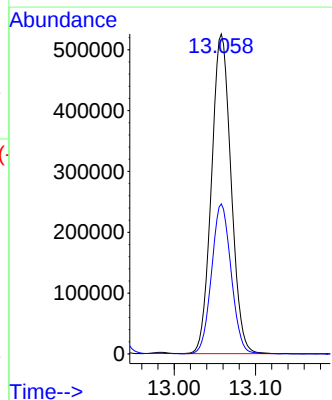
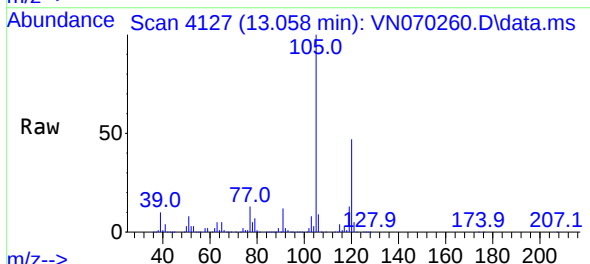
Manual Integrations
APPROVED

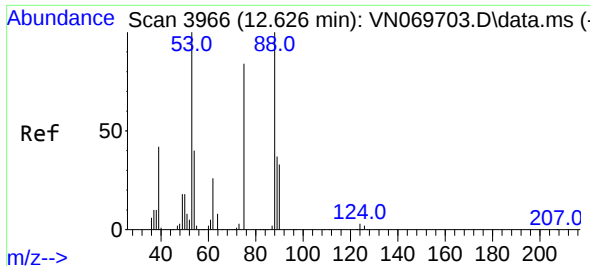
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 21.415 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

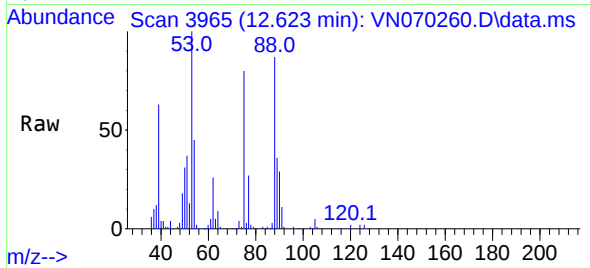
Tgt Ion:105 Resp: 878884
Ion Ratio Lower Upper
105 100
120 46.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.527 ug/l
RT: 12.623 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

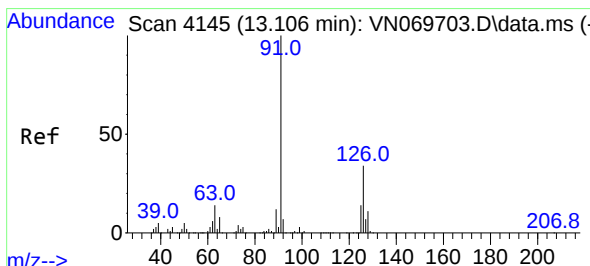
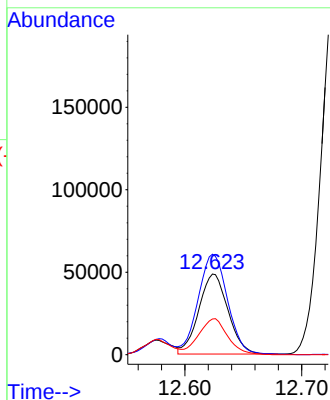
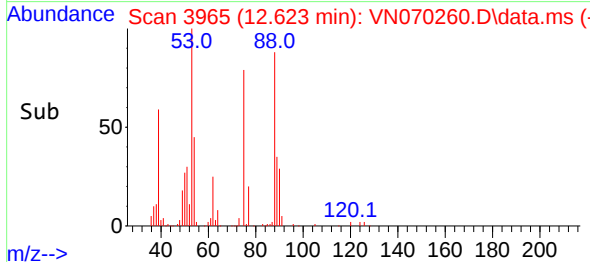
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



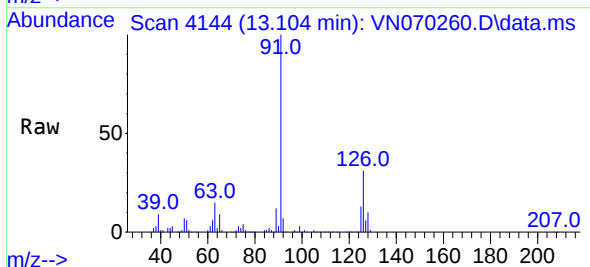
Tgt Ion: 75 Resp: 84534
Ion Ratio Lower Upper
75 100
53 127.0 90.5 135.7
89 44.6 38.2 57.4

Manual Integrations
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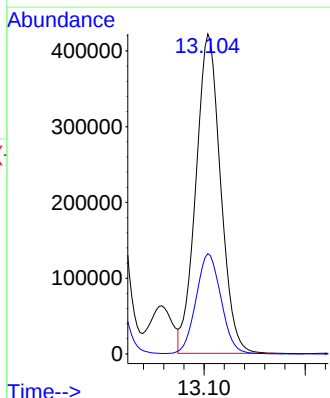
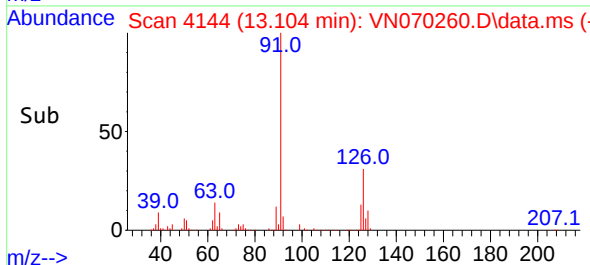
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

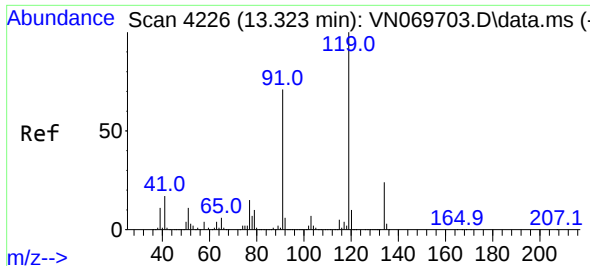


#82
4-Chlorotoluene
Concen: 21.218 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



Tgt Ion: 91 Resp: 715431
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





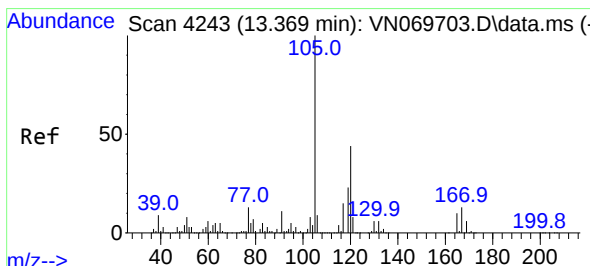
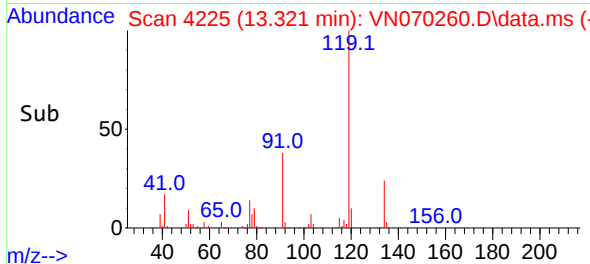
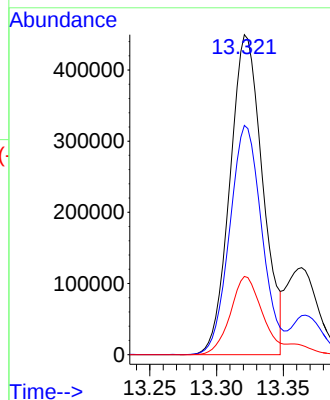
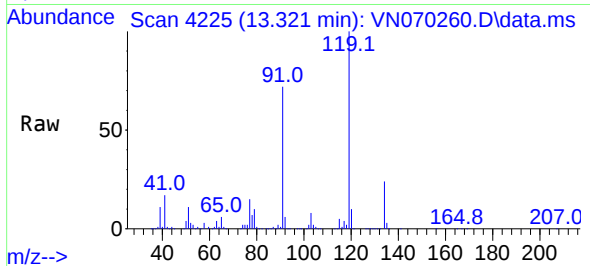
#83
tert-Butylbenzene
Concen: 21.098 ug/l
RT: 13.321 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:119 Resp: 766704
Ion Ratio Lower Upper
119 100
91 70.6 31.5 94.5
134 24.2 12.4 37.4

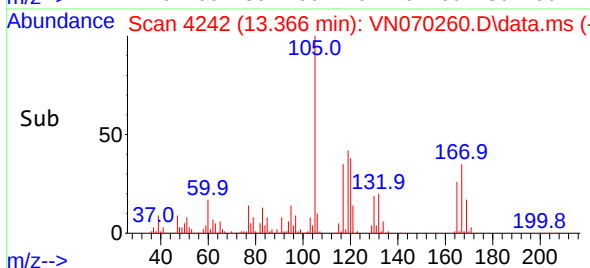
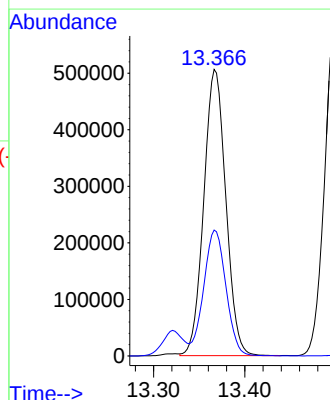
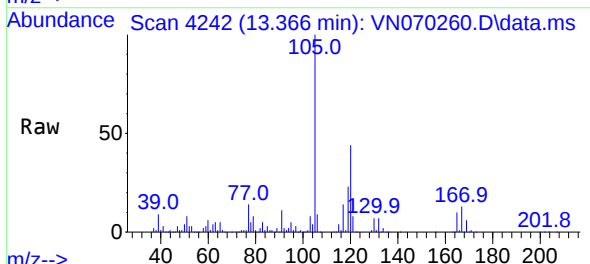
Manual Integrations
APPROVED

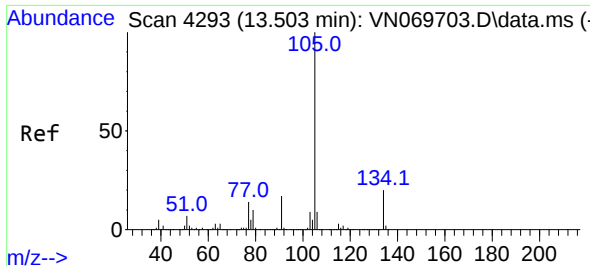
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#84
1,2,4-Trimethylbenzene
Concen: 21.715 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Tgt Ion:105 Resp: 848763
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4





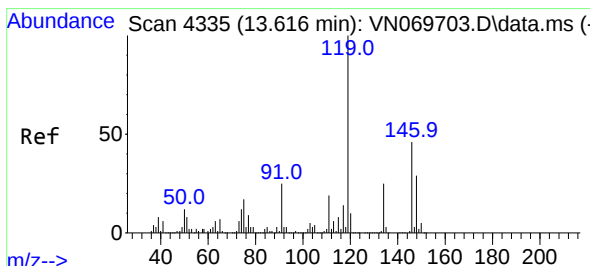
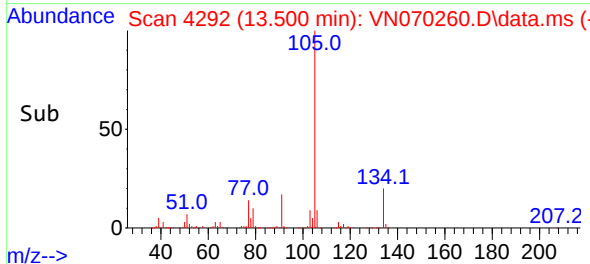
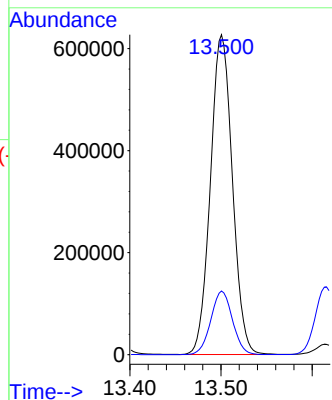
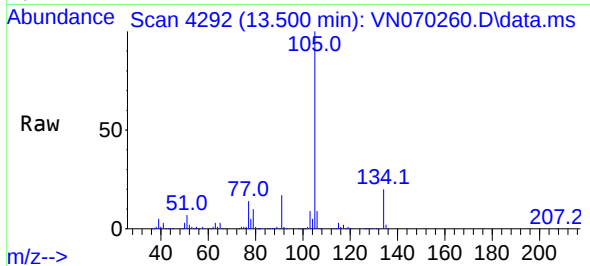
#85
 sec-Butylbenzene
 Concen: 21.262 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070260.D
 Acq: 21 Dec 2021 11:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221WBS01

Tgt Ion:105 Resp: 104806
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

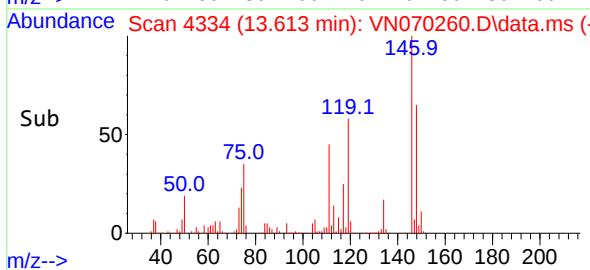
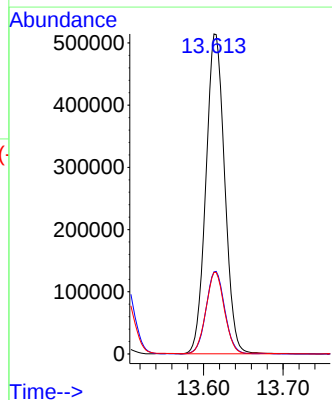
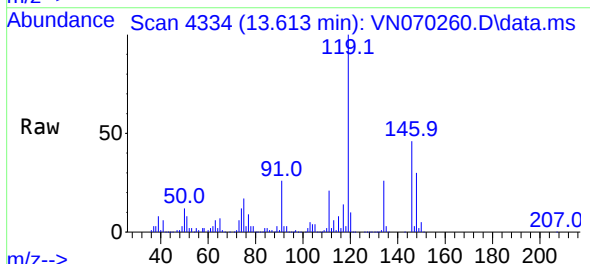
Manual Integrations
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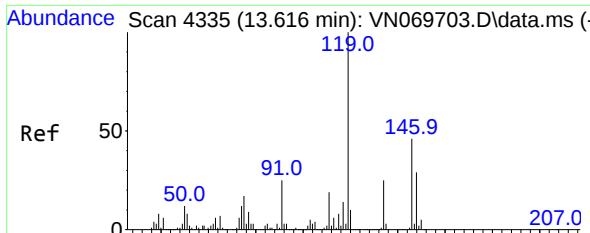
Reviewed By :John Carlone 12/22/2021
 Supervised By :Semsettin Yesilyurt 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 21.807 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN070260.D
 Acq: 21 Dec 2021 11:58

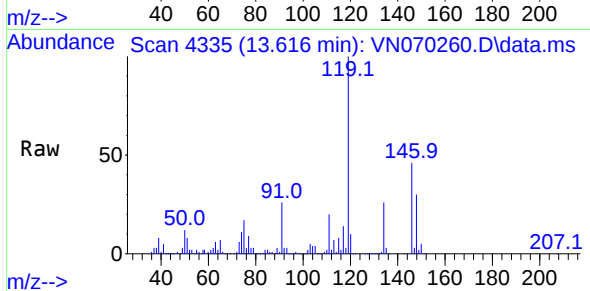
Tgt Ion:119 Resp: 840219
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 25.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.873 ug/l
RT: 13.616 min Scan# 41070
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

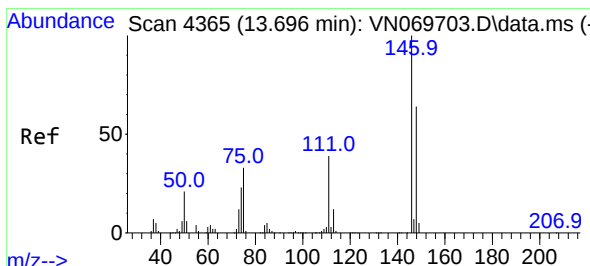
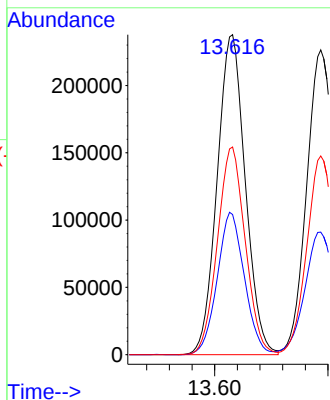
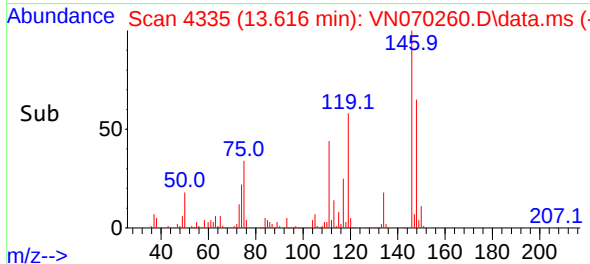
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



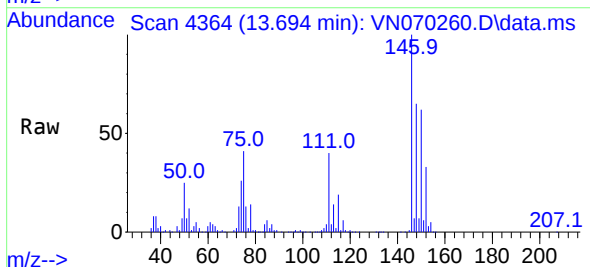
Tgt Ion:146 Resp: 41070
Ion Ratio Lower Upper
146 100
111 42.9 18.6 55.6
148 64.2 31.6 95.0

Manual Integrations
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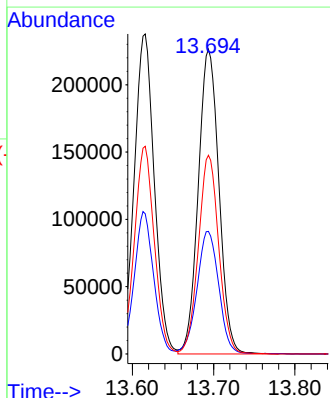
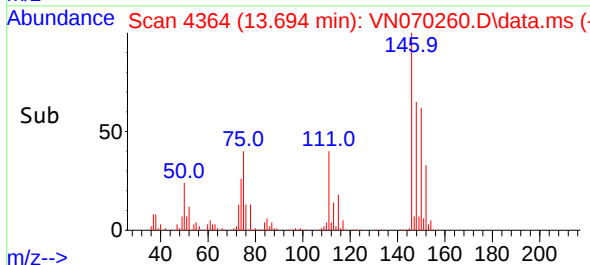
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

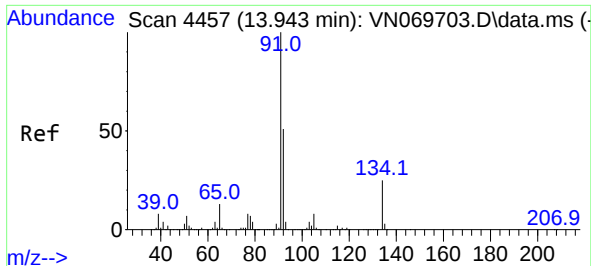


#88
1,4-Dichlorobenzene
Concen: 20.711 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



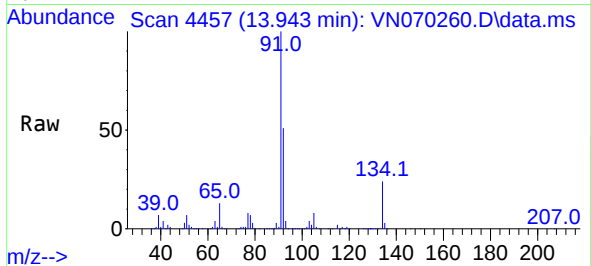
Tgt Ion:146 Resp: 400469
Ion Ratio Lower Upper
146 100
111 42.0 18.3 54.8
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 21.335 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

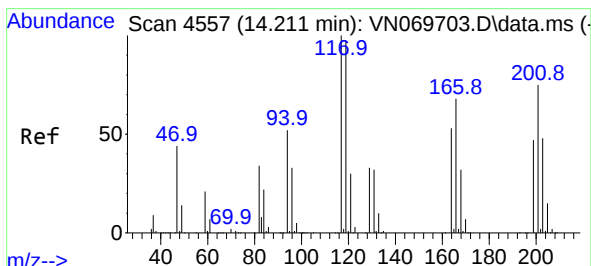
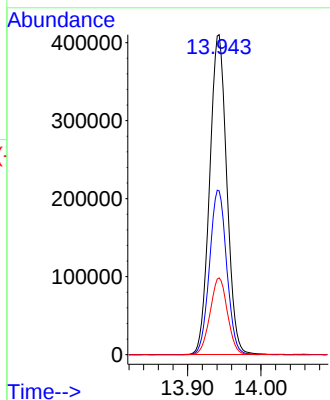
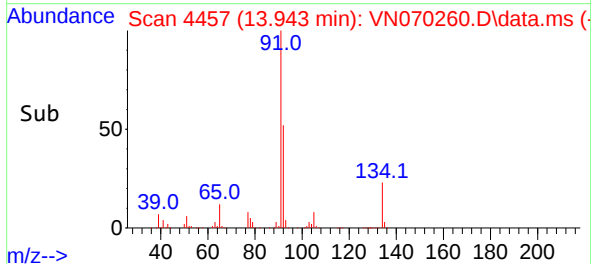
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



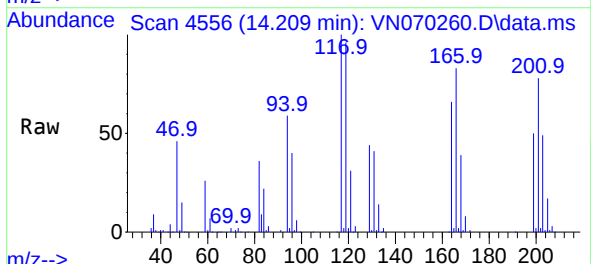
Tgt Ion: 91 Resp: 666834
Ion Ratio Lower Upper
91 100
92 51.5 25.4 76.0
134 24.3 13.6 40.8

Manual Integrations
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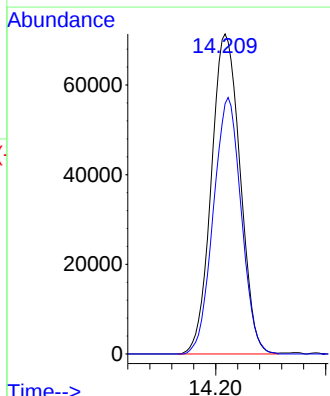
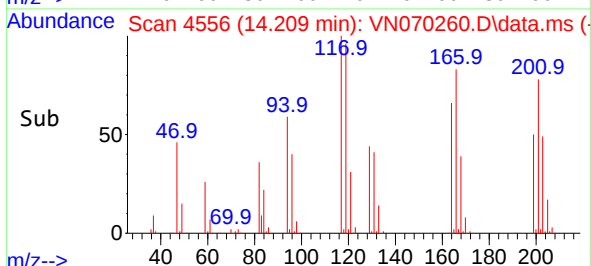
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

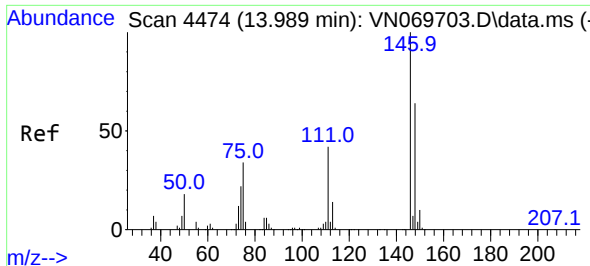


#90
Hexachloroethane
Concen: 19.183 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



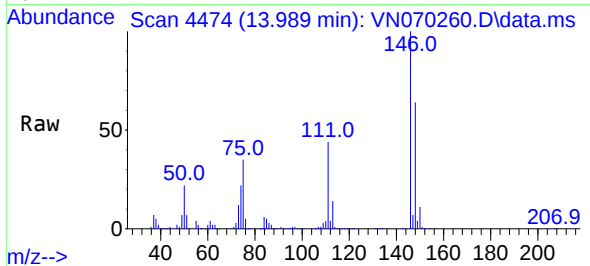
Tgt Ion:117 Resp: 129771
Ion Ratio Lower Upper
117 100
201 77.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 21.131 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

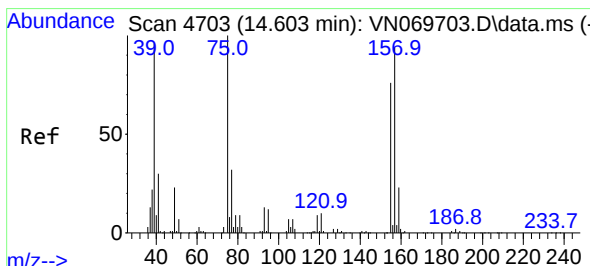
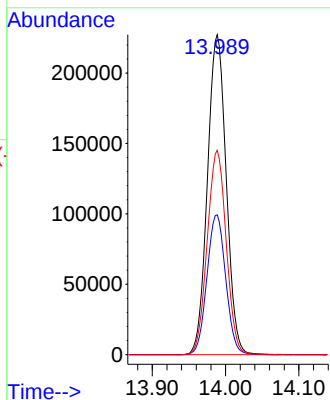
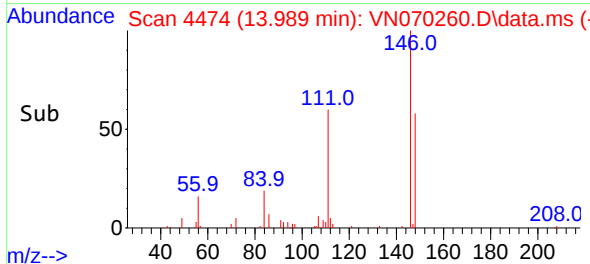
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



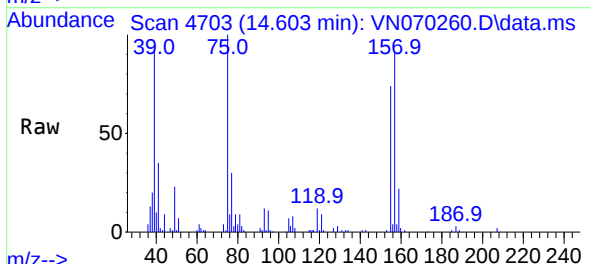
Tgt Ion:146 Resp: 40510
Ion Ratio Lower Upper
146 100
111 43.7 19.1 57.3
148 64.6 32.1 96.3

Manual Integrations
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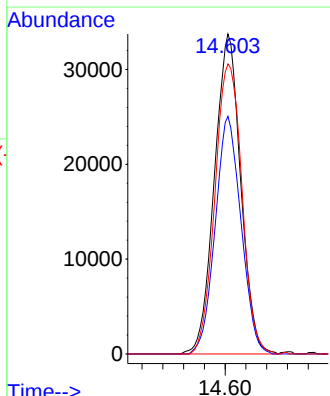
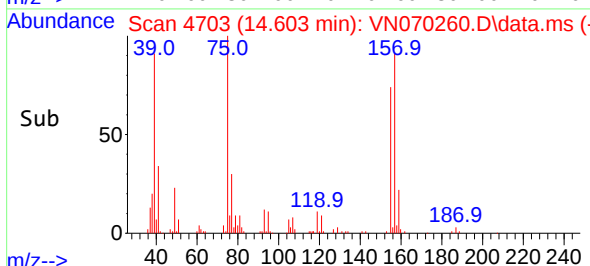
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

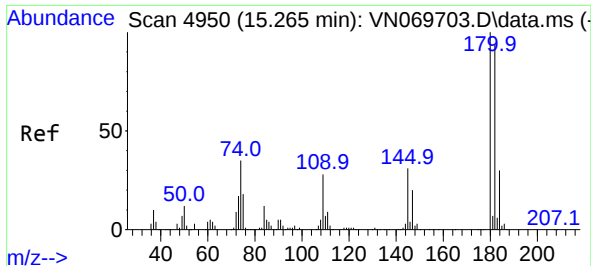


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.553 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



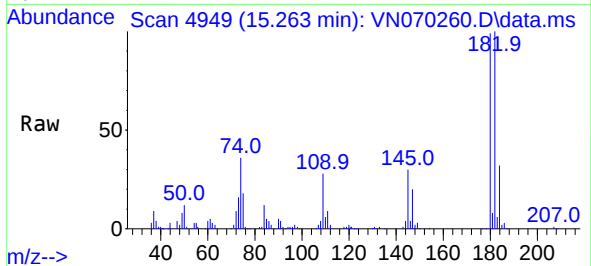
Tgt Ion: 75 Resp: 59115
Ion Ratio Lower Upper
75 100
155 73.2 46.9 140.7
157 93.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 20.619 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

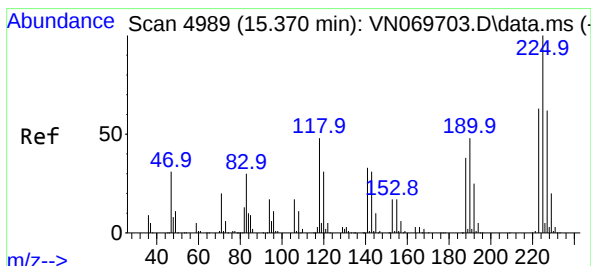
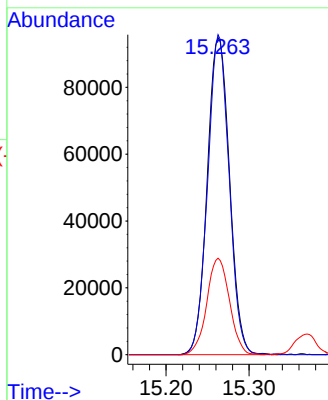
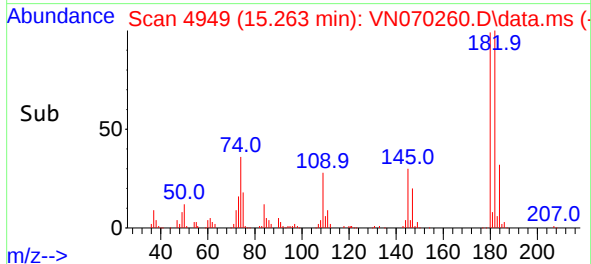
Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01



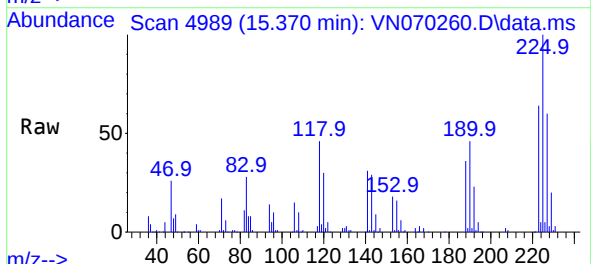
Tgt Ion:180 Resp: 177000
Ion Ratio Lower Upper
180 100
182 96.9 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
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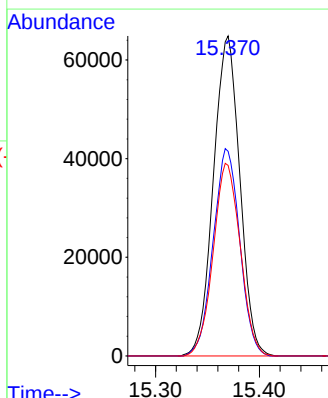
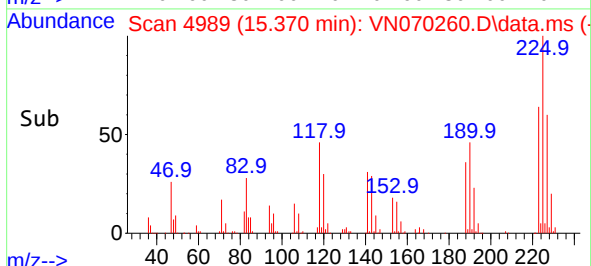
Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021

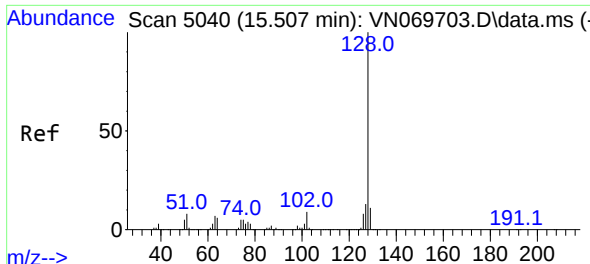


#94
Hexachlorobutadiene
Concen: 22.547 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58



Tgt Ion:225 Resp: 114557
Ion Ratio Lower Upper
225 100
223 65.2 31.9 95.7
227 61.7 32.1 96.3





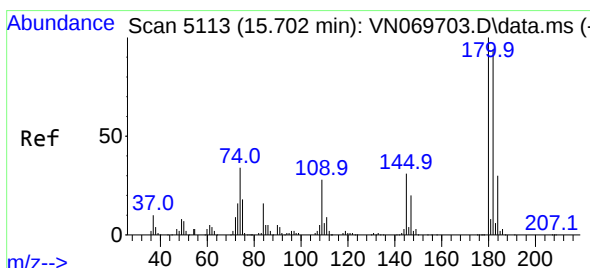
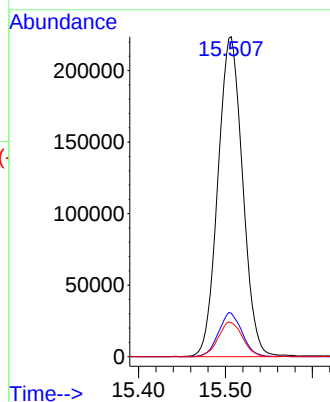
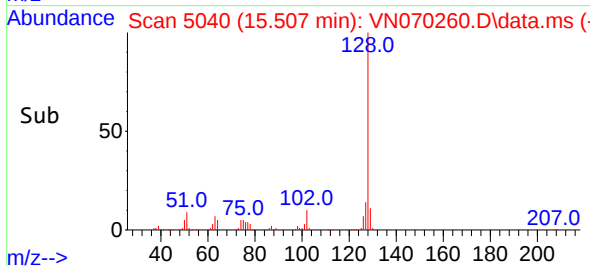
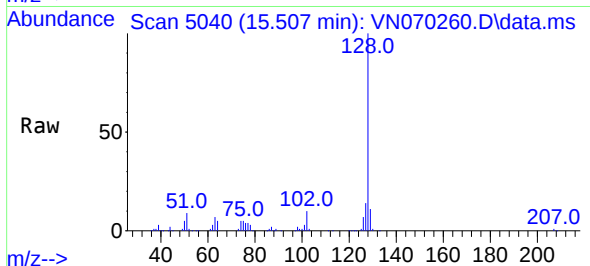
#95
Naphthalene
Concen: 18.483 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Instrument :
MSVOA_N
ClientSampleId :
VN1221WBS01

Tgt Ion:128 Resp: 44121
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/22/2021
Supervised By :Semsettin Yesilyurt 12/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.919 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070260.D
Acq: 21 Dec 2021 11:58

Tgt Ion:180 Resp: 168422
Ion Ratio Lower Upper
180 100
182 96.3 47.4 142.2
145 32.9 15.0 45.1

