

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
 Data File : VN069623.D
 Acq On : 23 Nov 2021 12:57
 Operator : JC/MD
 Sample : VN1123WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 24 02:25:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	193596	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1095394	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	1012244	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	525928	31.324	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.400%	
60) 4-Bromofluorobenzene	12.731	95	482498	29.786	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.300%	
63) Toluene-d8	10.440	98	1426786	30.527	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.767%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	329330	23.021	ug/l	100
3) Chloromethane	2.306	50	342745	22.979	ug/l	95
4) Vinyl Chloride	2.448	62	331133	21.894	ug/l	99
5) Bromomethane	2.864	94	193516	19.979	ug/l	99
6) Chloroethane	3.025	64	199503	20.908	ug/l	98
7) Trichlorofluoromethane	3.379	101	453291	20.448	ug/l	99
8) Diethyl Ether	3.824	74	156774	22.404	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.210	101	247844	24.162	ug/l #	72
10) 1,1-Dichloroethene	4.181	96	221675	22.913	ug/l	87
11) Methyl Iodide	4.422	142	315021	23.370	ug/l	96
12) Methyl Acetate	4.854	43	604110	21.682	ug/l #	89
13) Acrolein	4.039	56	86572	113.010	ug/l	99
14) Acrylonitrile	5.554	53	784380	103.188	ug/l	99
15) Acetone	4.288	58	262695	103.713	ug/l	73
16) Carbon Disulfide	4.532	76	522179	21.593	ug/l	98
17) Allyl chloride	4.840	41	455473	22.151	ug/l	93
18) Methylene Chloride	5.093	84	276994	22.474	ug/l #	86
19) trans-1,2-Dichloroethene	5.599	96	239436	22.553	ug/l	88
20) Diisopropyl ether	6.495	45	1012800	22.986	ug/l #	96
21) 1,1-Dichloroethane	6.391	63	507190	22.690	ug/l	99
22) cis-1,2-Dichloroethene	7.324	96	288888	21.940	ug/l	90
23) tert-Butyl Alcohol	5.380	59	249138m	94.174	ug/l	
24) Methyl tert-Butyl Ether	5.616	73	856854	22.099	ug/l	94
25) Chloroform	7.817	83	522698	22.616	ug/l	97
26) Cyclohexane	8.096	56	489508	23.065	ug/l #	84
29) 1,1-Dichloropropene	8.220	75	386838	23.135	ug/l	94
30) 2-Butanone	7.335	43	1247306	103.056	ug/l	91
31) 2,2-Dichloropropane	7.327	77	391033	22.120	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	429567	22.006	ug/l	93
33) Carbon Tetrachloride	8.206	117	359641	22.307	ug/l	98
34) Benzene	8.458	78	1151921m	22.653	ug/l	
35) Methacrylonitrile	7.638	41	231371	20.843	ug/l	91
36) 1,2-Dichloroethane	8.528	62	455431	23.232	ug/l	98
37) Trichloroethene	9.215	130	276269	22.489	ug/l	94
38) Methylcyclohexane	9.459	83	466558	22.553	ug/l	90
39) 1,2-Dichloropropane	9.488	63	306406	22.752	ug/l	97
40) Dibromomethane	9.577	93	198061	21.959	ug/l	96
41) Bromodichloromethane	9.762	83	376173	22.220	ug/l	97
42) Vinyl Acetate	6.434	43	3772795	110.303	ug/l #	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
 Data File : VN069623.D
 Acq On : 23 Nov 2021 12:57
 Operator : JC/MD
 Sample : VN1123WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

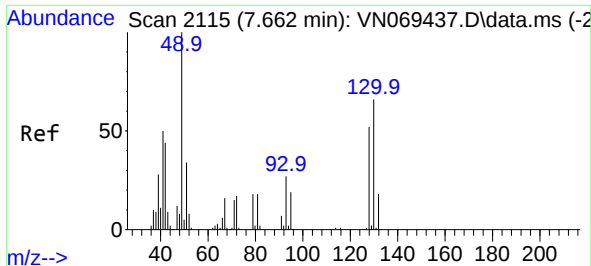
Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 24 02:25:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	458051	20.421	ug/l	99
44) Isopropyl Acetate	8.560	43	736195	21.053	ug/l	96
45) 1,4-Dioxane	9.569	88	109660	386.316	ug/l	90
46) Methyl methacrylate	9.561	41	343925	21.355	ug/l	84
47) n-amyl Acetate	12.390	43	465373	17.331	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	377916	20.801	ug/l	99
49) cis-1,3-Dichloropropene	10.188	75	428672	21.683	ug/l	93
50) 1,1,2-Trichloroethane	10.896	97	280983	21.938	ug/l	95
51) Ethyl methacrylate	10.760	69	436847	20.343	ug/l	91
52) 1,3-Dichloropropane	11.044	76	499421	22.574	ug/l	99
53) Dibromochloromethane	11.237	129	260239	21.263	ug/l	99
54) 1,2-Dibromoethane	11.344	107	281006	21.185	ug/l	97
55) 2-Chloroethyl vinyl ether	10.041	63	472719	96.779	ug/l	97
56) Bromoform	12.457	173	173427	19.760	ug/l #	99
58) 4-Methyl-2-Pentanone	10.330	43	2381019	107.159	ug/l #	94
59) 2-Hexanone	11.084	43	1659142	98.164	ug/l	95
61) Tetrachloroethene	10.977	164	256406	23.600	ug/l	94
62) Toluene	10.505	91	1242794	22.343	ug/l	98
64) Chlorobenzene	11.771	112	742264	22.242	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.840	131	263575	22.434	ug/l	99
66) Ethyl Benzene	11.843	91	1368597	22.229	ug/l	100
67) m/p-Xylenes	11.953	106	1007229	44.046	ug/l	94
68) o-Xylene	12.280	106	498192	21.758	ug/l	94
69) Styrene	12.294	104	794683	21.408	ug/l	97
70) Isopropylbenzene	12.578	105	1306352	21.816	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.827	83	418512	21.180	ug/l	98
72) 1,2,3-Trichloropropane	12.881	75	361557m	18.783	ug/l	
73) Bromobenzene	12.860	156	300692	21.784	ug/l	94
74) n-propylbenzene	12.919	91	1487149	21.625	ug/l	99
75) 2-Chlorotoluene	13.007	91	915809	21.876	ug/l	96
76) 1,3,5-Trimethylbenzene	13.058	105	1083931	22.054	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	88328	16.999	ug/l	78
78) 4-Chlorotoluene	13.106	91	858953	21.425	ug/l	95
79) tert-butylbenzene	13.324	119	934838	21.623	ug/l	99
80) 1,2,4-Trimethylbenzene	13.366	105	1043207m	21.759	ug/l	
81) sec-Butylbenzene	13.501	105	1298777	21.470	ug/l	100
82) p-Isopropyltoluene	13.616	119	1031559	21.372	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	506894	21.478	ug/l	100
84) 1,4-Dichlorobenzene	13.694	146	480593	20.991	ug/l	100
85) n-Butylbenzene	13.943	91	790126	19.614	ug/l	98
86) Hexachloroethane	14.211	117	164530	20.597	ug/l	92
87) 1,2-Dichlorobenzene	13.989	146	485023	21.294	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.603	75	62793	18.154	ug/l	96
89) 1,2,4-Trichlorobenzene	15.263	180	190128	17.409	ug/l	99
90) Hexachlorobutadiene	15.370	225	137005	23.198	ug/l	98
91) Naphthalene	15.507	128	422206	13.420	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	181234	16.881	ug/l	98

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



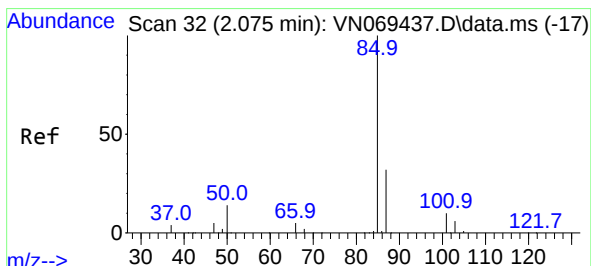
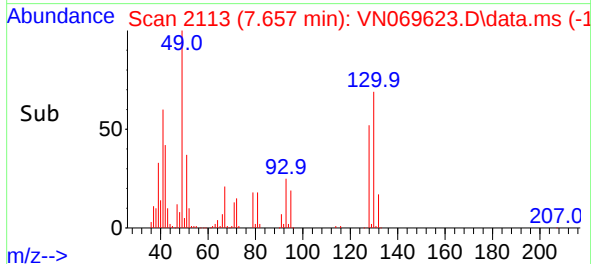
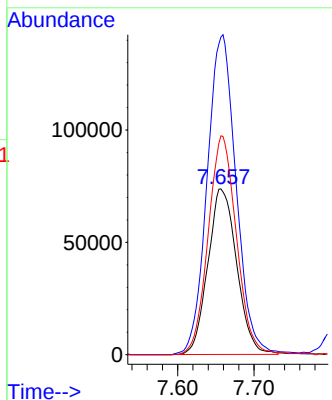
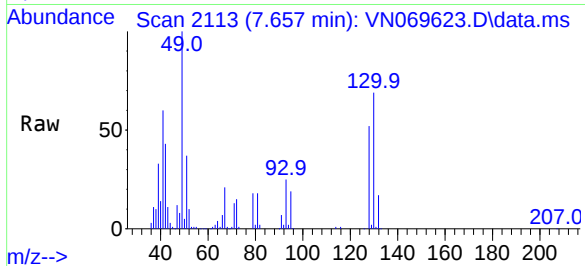
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 2115
Delta R.T. -0.005 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion:128 Resp: 193590
Ion Ratio Lower Upper
128 100
49 194.6 0.0 392.3
130 129.3 0.0 320.2

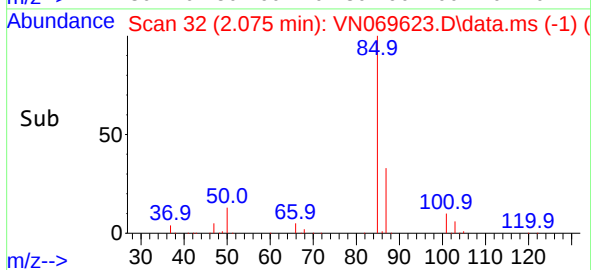
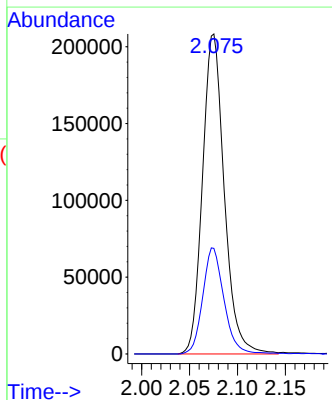
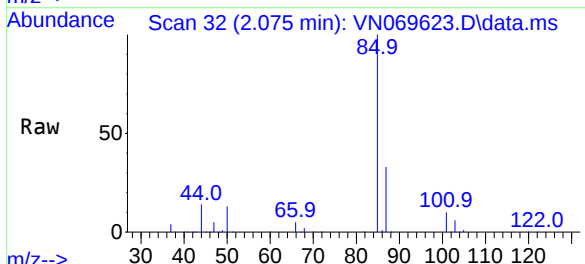
Manual Integrations
APPROVED

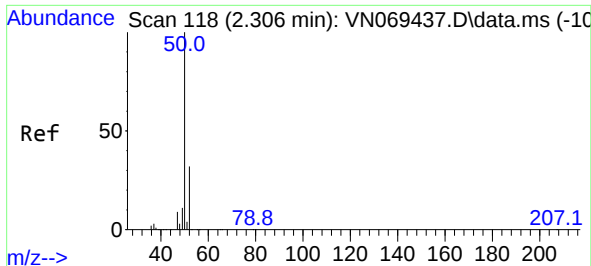
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#2
Dichlorodifluoromethane
Concen: 23.021 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

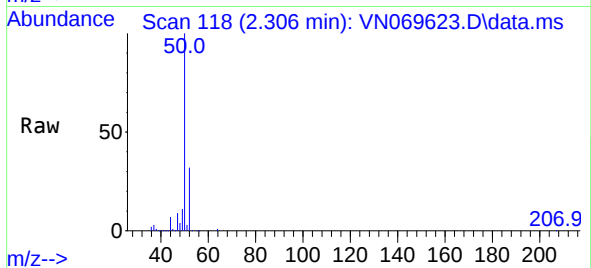
Tgt Ion: 85 Resp: 329330
Ion Ratio Lower Upper
85 100
87 33.0 16.6 49.7





#3
Chloromethane
Concen: 22.979 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

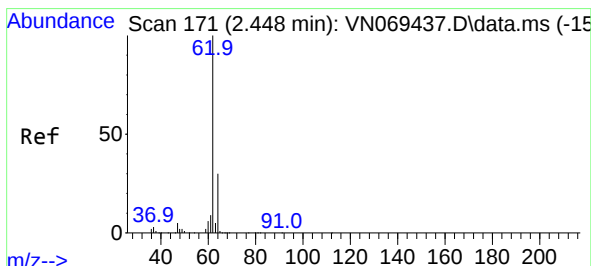
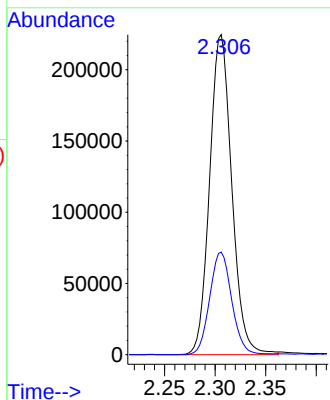
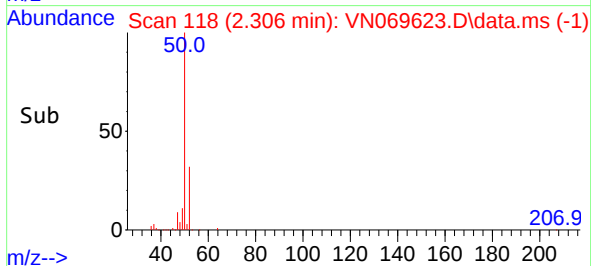
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



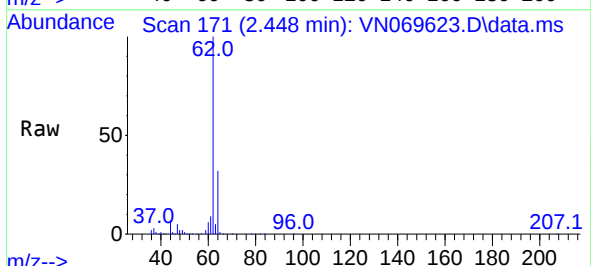
Tgt Ion: 50 Resp: 342745
Ion Ratio Lower Upper
50 100
52 32.1 27.8 41.6

Manual Integrations
APPROVED

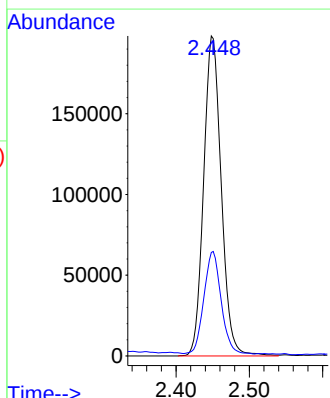
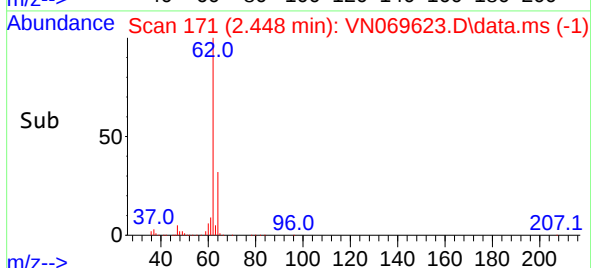
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

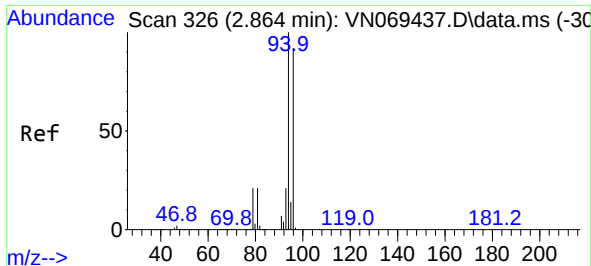


#4
Vinyl Chloride
Concen: 21.894 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



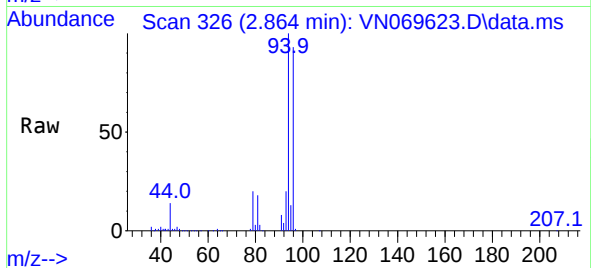
Tgt Ion: 62 Resp: 331133
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5
Bromomethane
Concen: 19.979 ug/l
RT: 2.864 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

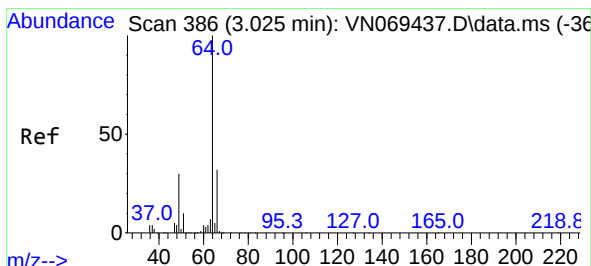
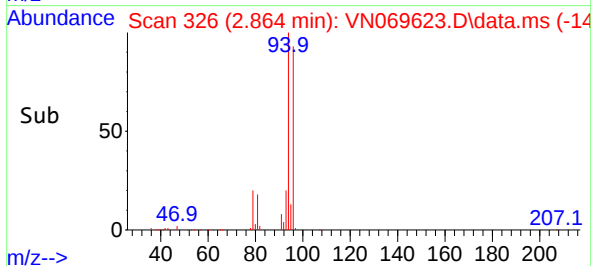
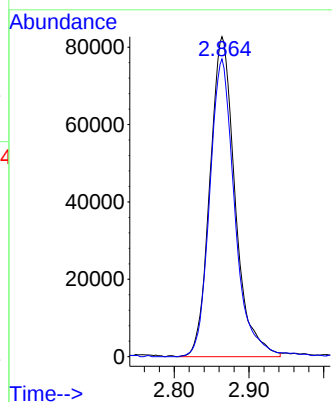
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



Tgt Ion: 94 Resp: 193510
Ion Ratio Lower Upper
94 100
96 92.9 75.2 112.8

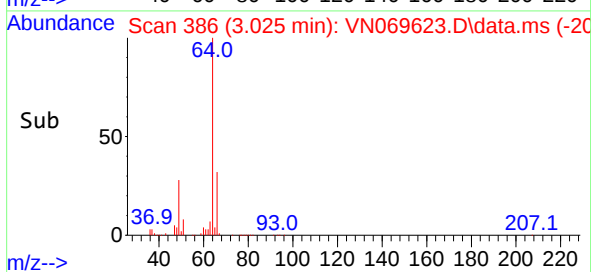
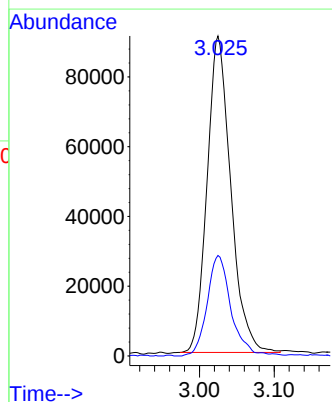
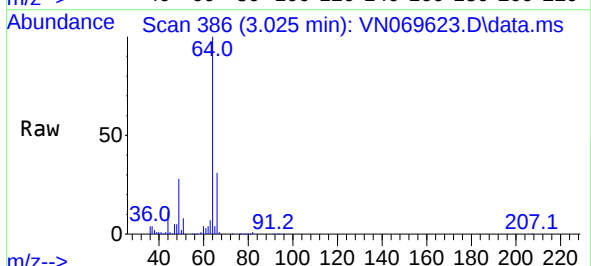
Manual Integrations APPROVED

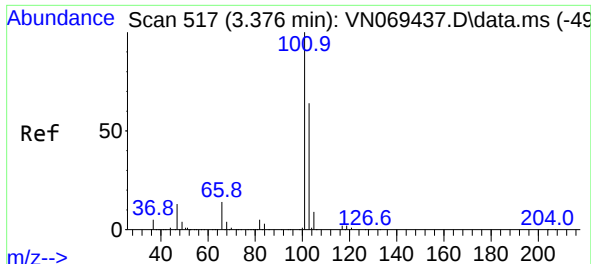
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#6
Chloroethane
Concen: 20.908 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

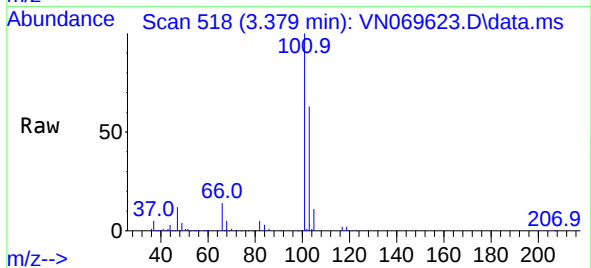
Tgt Ion: 64 Resp: 199503
Ion Ratio Lower Upper
64 100
66 31.7 24.6 36.8





#7
Trichlorofluoromethane
Concen: 20.448 ug/l
RT: 3.379 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

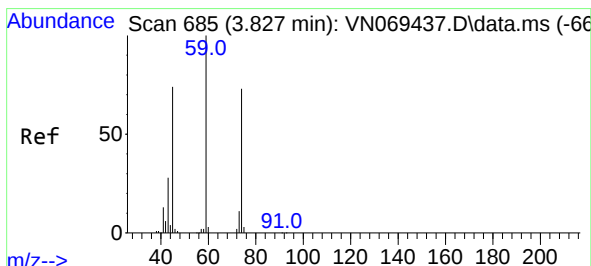
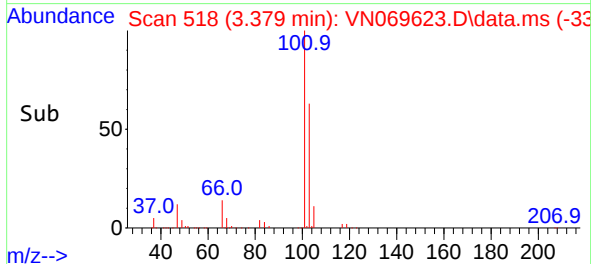
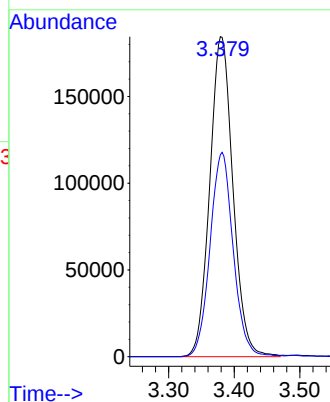
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



Tgt Ion:101 Resp: 45329
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1

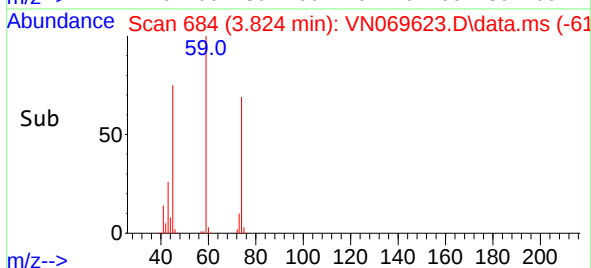
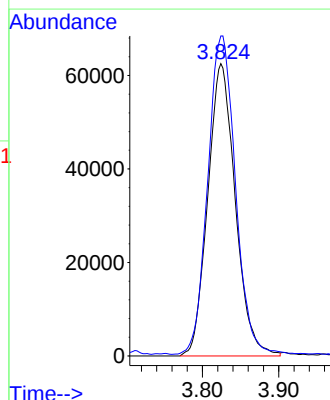
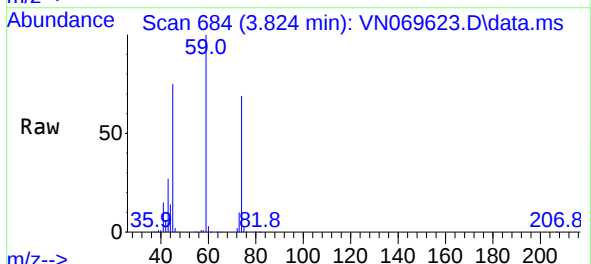
Manual Integrations
APPROVED

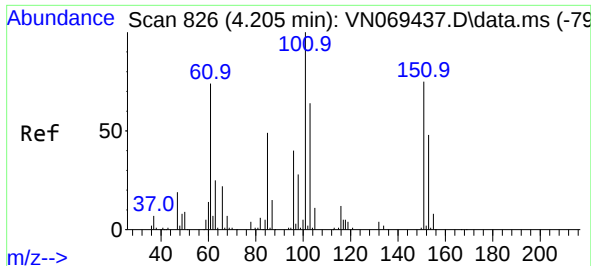
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#8
Diethyl Ether
Concen: 22.404 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.005 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

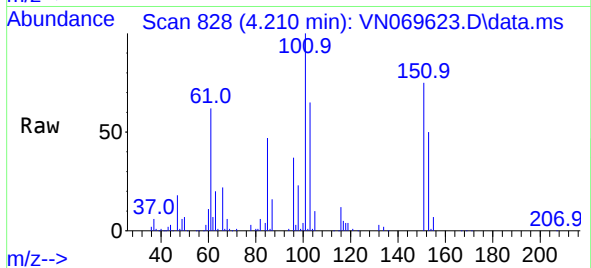
Tgt Ion: 74 Resp: 156774
Ion Ratio Lower Upper
74 100
45 109.0 17.6 158.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.162 ug/l
RT: 4.210 min Scan# 810
Delta R.T. -0.011 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

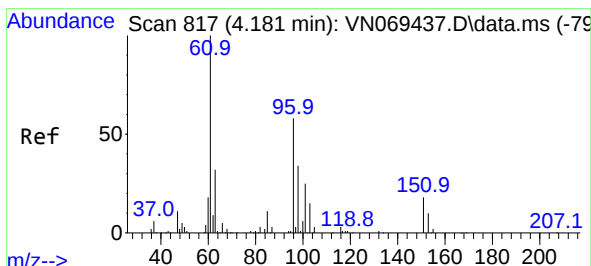
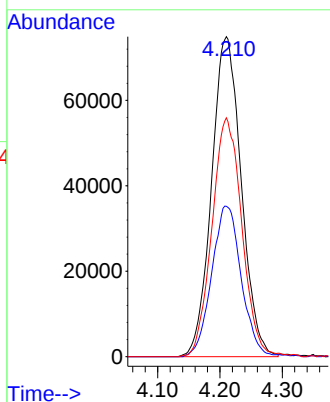
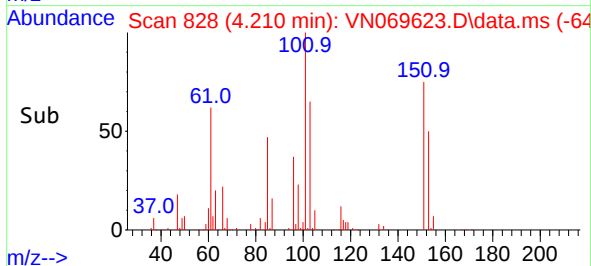
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



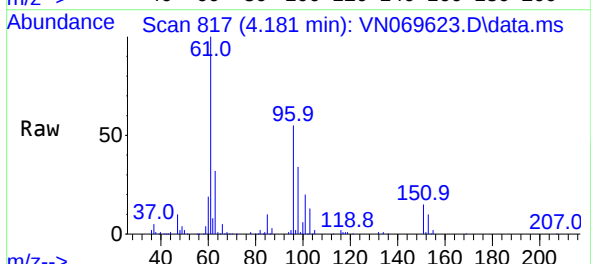
Tgt Ion:101 Resp: 247844
Ion Ratio Lower Upper
101 100
85 46.9 0.0 94.0
151 74.9 0.0 74.6

Manual Integrations
APPROVED

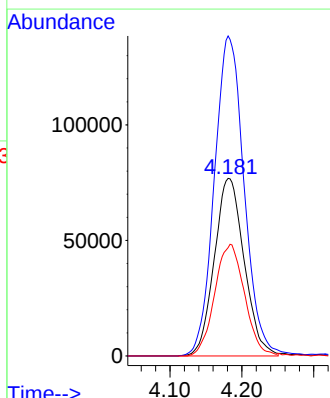
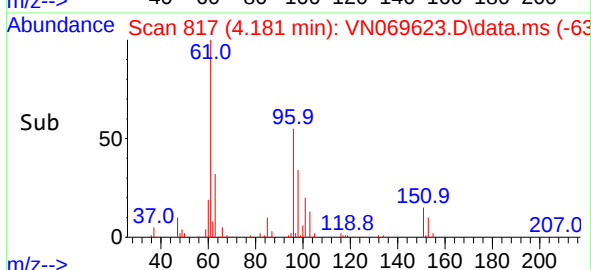
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

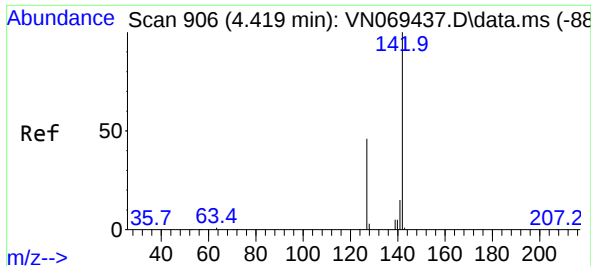


#10
1,1-Dichloroethene
Concen: 22.913 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.011 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



Tgt Ion: 96 Resp: 221675
Ion Ratio Lower Upper
96 100
61 180.2 126.2 189.4
98 61.0 50.9 76.3





#11

Methyl Iodide

Concen: 23.370 ug/l

RT: 4.422 min Scan# 906

Delta R.T. -0.008 min

Lab File: VN069623.D

Acq: 23 Nov 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

Tgt Ion:142 Resp: 31502

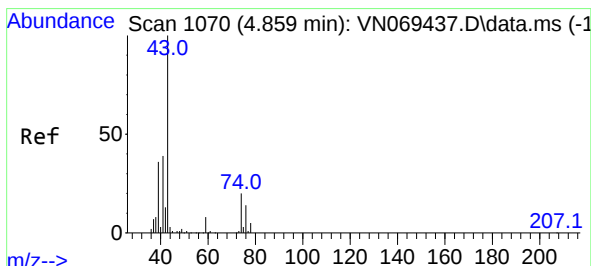
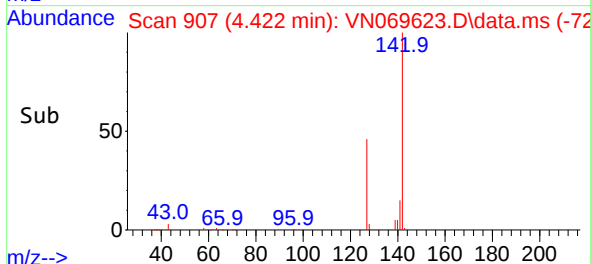
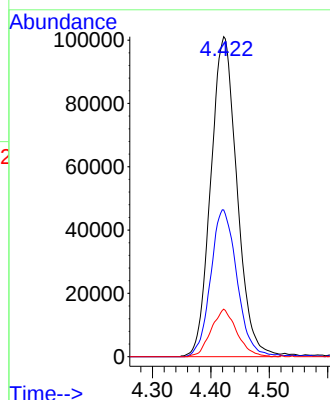
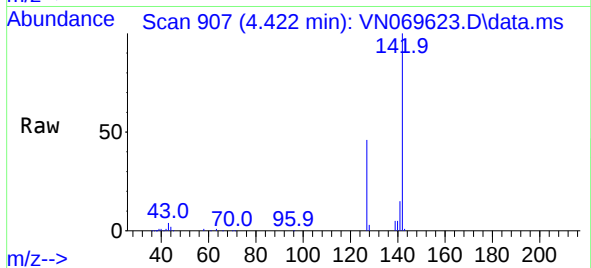
Ion	Ratio	Lower	Upper
142	100		
127	45.8	24.0	72.0
141	14.8	8.4	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2021

Supervised By :Mahesh Dadoda 11/26/2021



#12

Methyl Acetate

Concen: 21.682 ug/l

RT: 4.854 min Scan# 1068

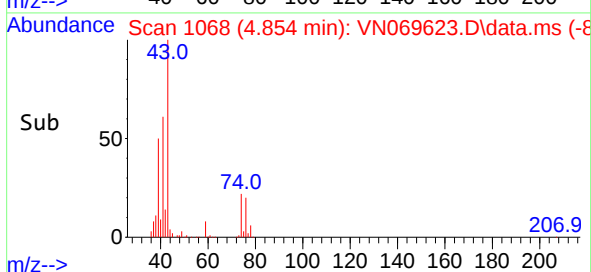
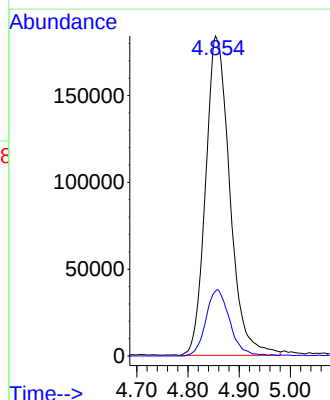
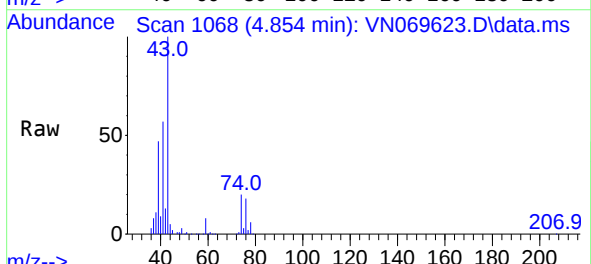
Delta R.T. -0.003 min

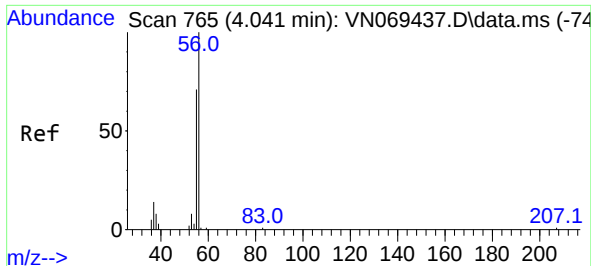
Lab File: VN069623.D

Acq: 23 Nov 2021 12:57

Tgt Ion: 43 Resp: 604110

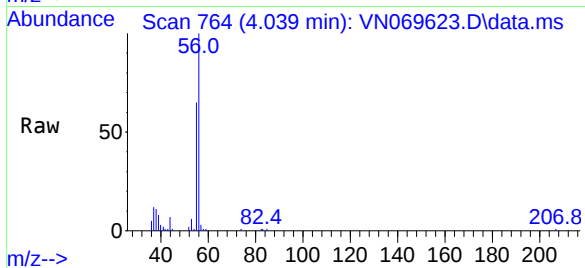
Ion	Ratio	Lower	Upper
43	100		
74	20.3	20.8	31.2





#13
Acrolein
Concen: 113.010 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.008 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

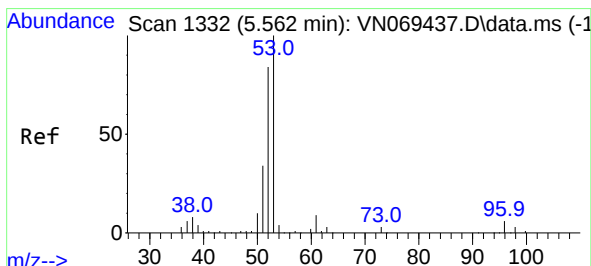
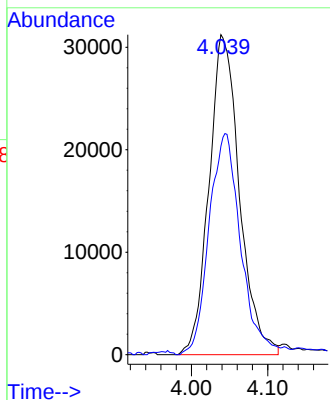
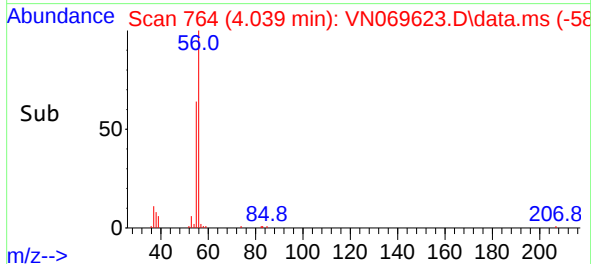
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



Tgt Ion: 56 Resp: 86572
Ion Ratio Lower Upper
56 100
55 71.3 57.6 86.4

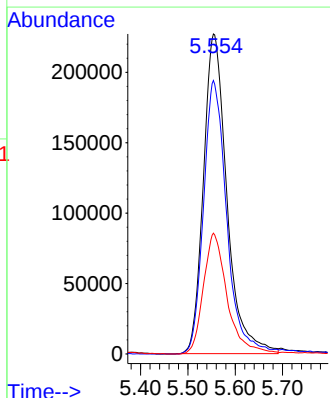
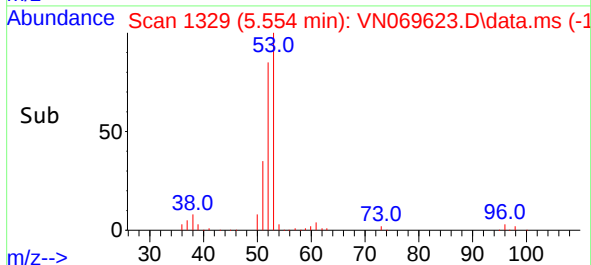
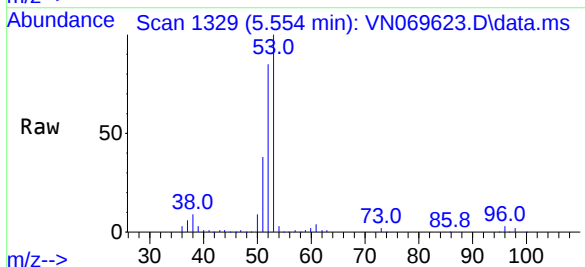
Manual Integrations
APPROVED

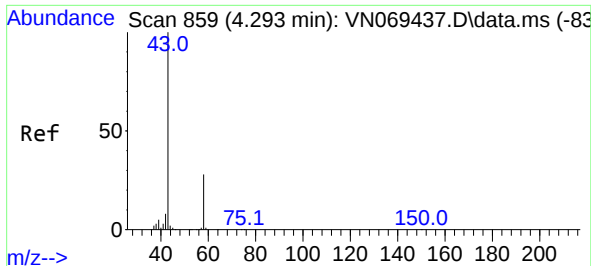
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#14
Acrylonitrile
Concen: 103.188 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

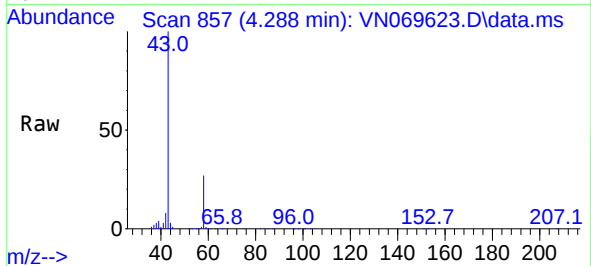
Tgt Ion: 53 Resp: 784380
Ion Ratio Lower Upper
53 100
52 84.4 41.8 125.4
51 38.1 19.0 57.0





#15
Acetone
Concen: 103.713 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

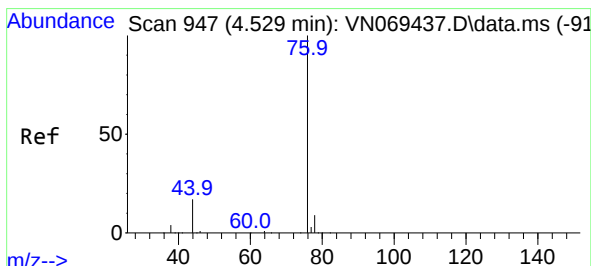
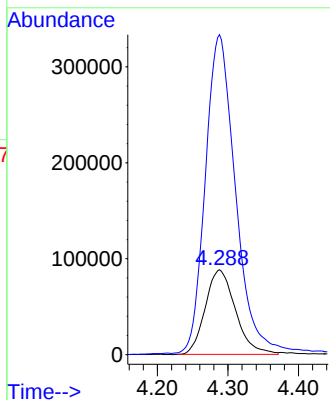
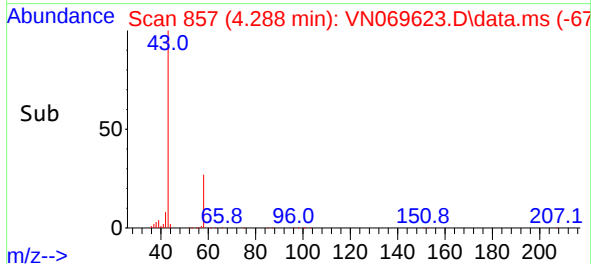
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



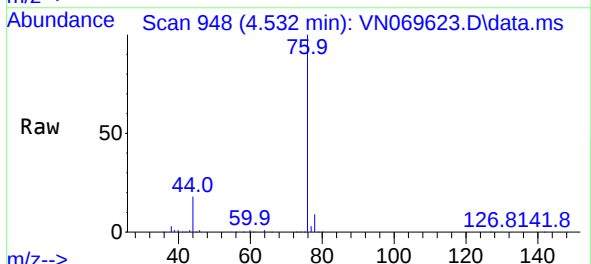
Tgt Ion: 58 Resp: 26269
Ion Ratio Lower Upper
58 100
43 375.8 256.6 384.8

Manual Integrations
APPROVED

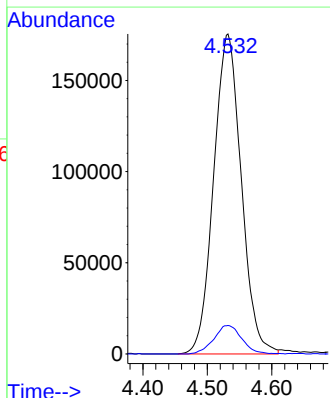
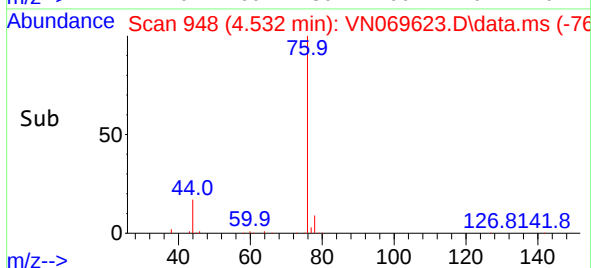
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

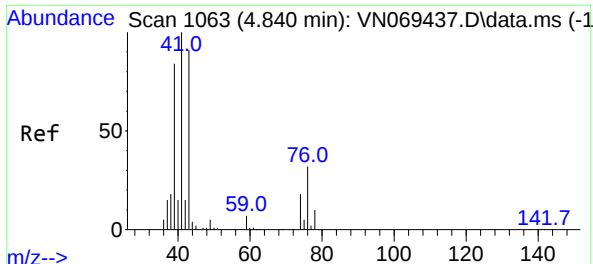


#16
Carbon Disulfide
Concen: 21.593 ug/l
RT: 4.532 min Scan# 948
Delta R.T. -0.005 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



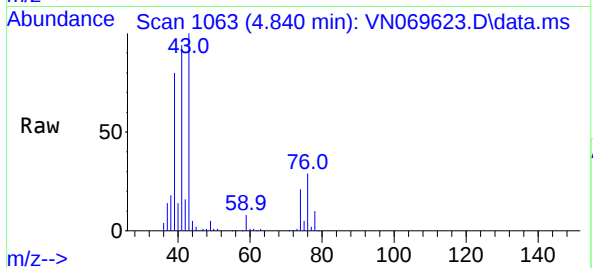
Tgt Ion: 76 Resp: 522179
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.8





Allyl chloride
 Concen: 22.151 ug/l
 RT: 4.840 min Scan# 1063
 Delta R.T. -0.005 min
 Lab File: VN069623.D
 Acq: 23 Nov 2021 12:57

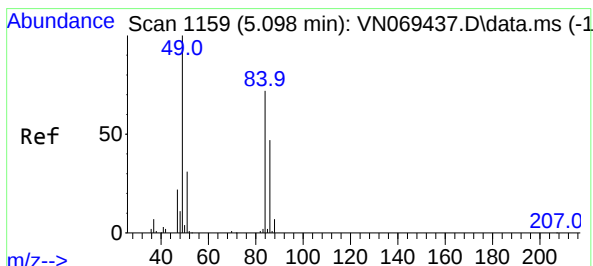
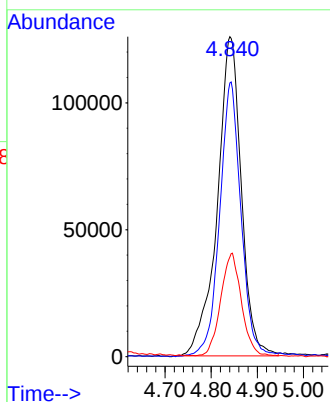
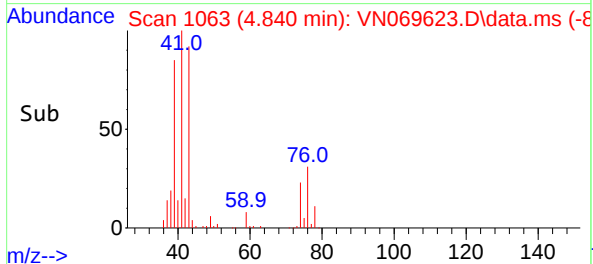
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01



Tgt Ion: 41 Resp: 455473
 Ion Ratio Lower Upper
 41 100
 39 85.6 44.6 134.0
 76 30.9 19.6 58.7

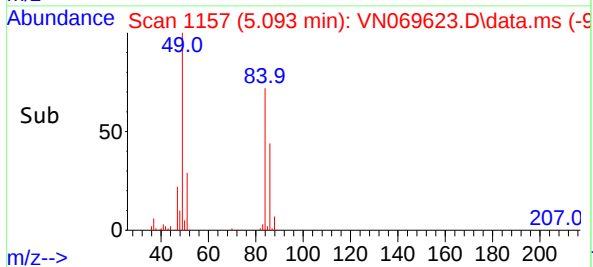
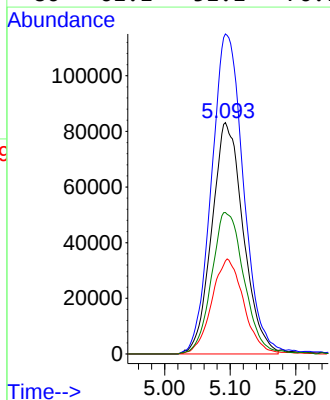
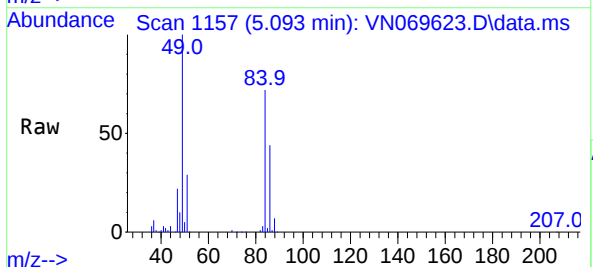
Manual Integrations
 APPROVED

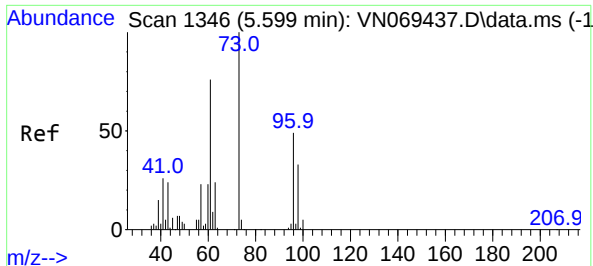
Reviewed By :John Carlone 11/24/2021
 Supervised By :Mahesh Dadoda 11/26/2021



Methylene Chloride
 Concen: 22.474 ug/l
 RT: 5.093 min Scan# 1157
 Delta R.T. -0.008 min
 Lab File: VN069623.D
 Acq: 23 Nov 2021 12:57

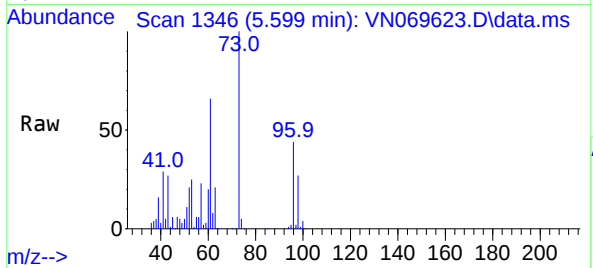
Tgt Ion: 84 Resp: 276994
 Ion Ratio Lower Upper
 84 100
 49 138.3 91.4 137.0#
 51 40.0 29.4 44.0
 86 61.1 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 22.553 ug/l
RT: 5.599 min Scan# 1346
Delta R.T. -0.005 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

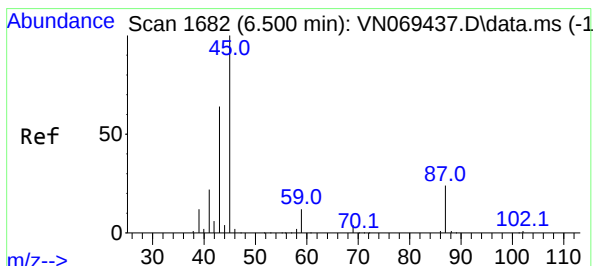
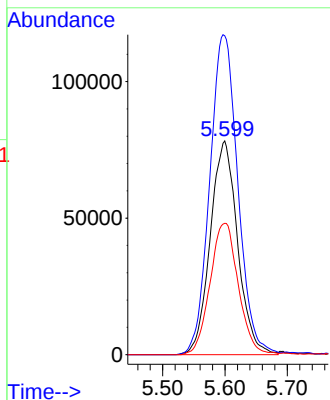
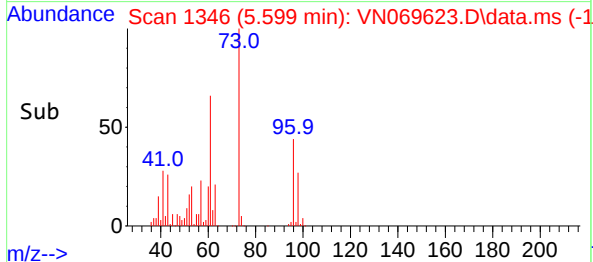
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



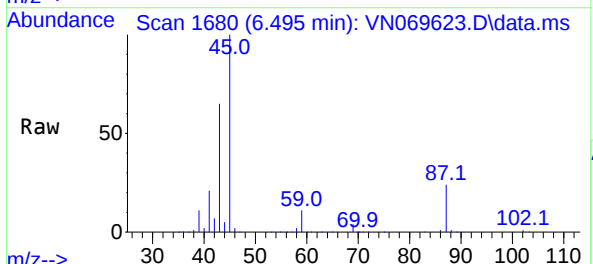
Tgt Ion: 96 Resp: 239436
Ion Ratio Lower Upper
96 100
61 149.0 102.8 154.2
98 61.5 49.3 73.9

Manual Integrations
APPROVED

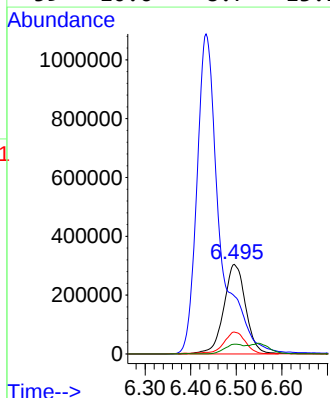
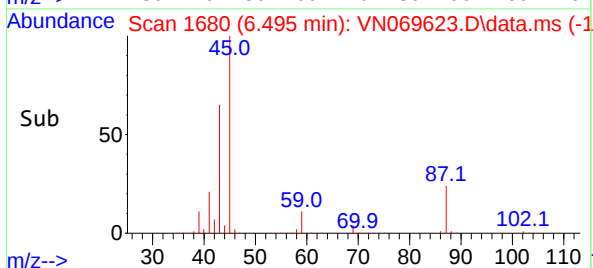
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

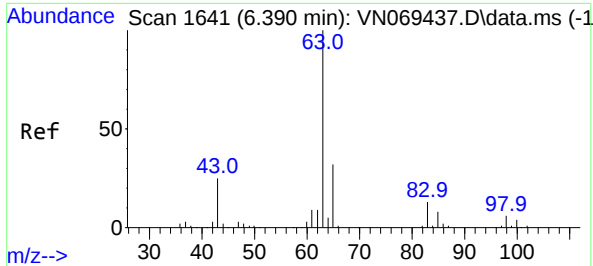


#20
Diisopropyl ether
Concen: 22.986 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



Tgt Ion: 45 Resp: 1012800
Ion Ratio Lower Upper
45 100
43 63.6 51.0 76.4
87 24.2 25.0 37.4#
59 10.6 8.7 13.1





#21
 1,1-Dichloroethane
 Concen: 22.690 ug/l
 RT: 6.391 min Scan# 1641
 Delta R.T. -0.003 min
 Lab File: VN069623.D
 Acq: 23 Nov 2021 12:57

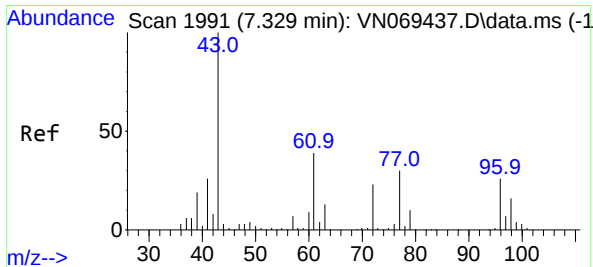
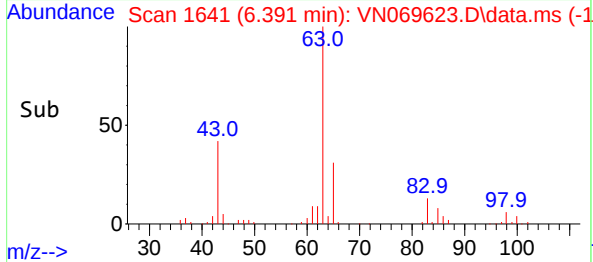
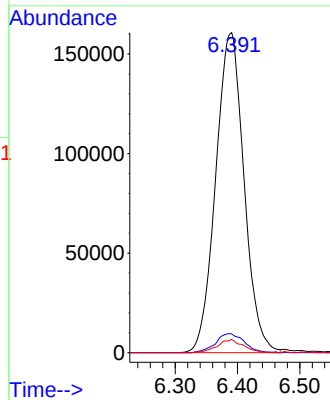
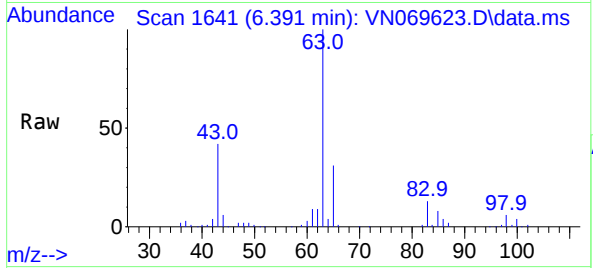
Instrument : MSVOA_N
 ClientSampleId : VN1123WBS01

Tgt Ion: 63 Resp: 507190

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.2	9.6
100	4.1	2.1	6.2

Manual Integrations
 APPROVED

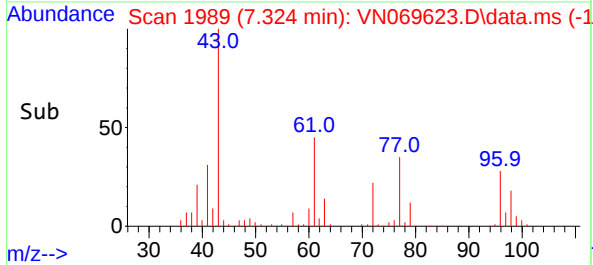
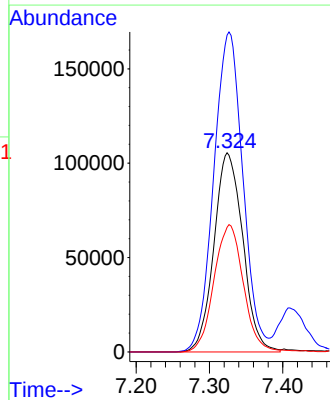
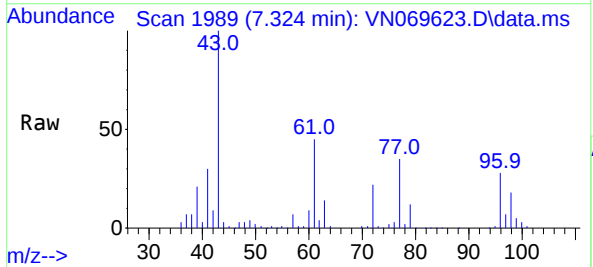
Reviewed By :John Carlone 11/24/2021
 Supervised By :Mahesh Dadoda 11/26/2021

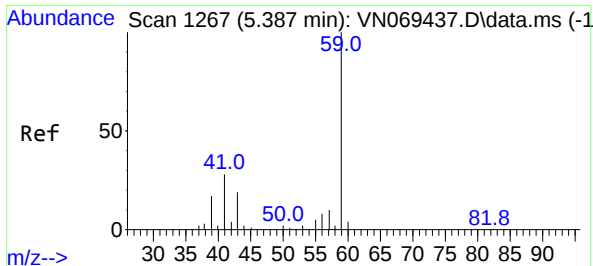


#22
 cis-1,2-Dichloroethene
 Concen: 21.940 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.005 min
 Lab File: VN069623.D
 Acq: 23 Nov 2021 12:57

Tgt Ion: 96 Resp: 288888

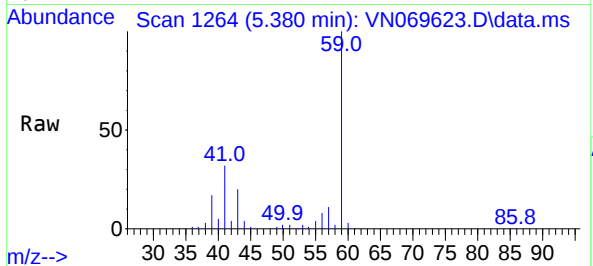
Ion	Ratio	Lower	Upper
96	100		
61	162.1	115.7	173.5
98	65.2	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 94.174 ug/l m
RT: 5.380 min Scan# 11
Delta R.T. 0.014 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

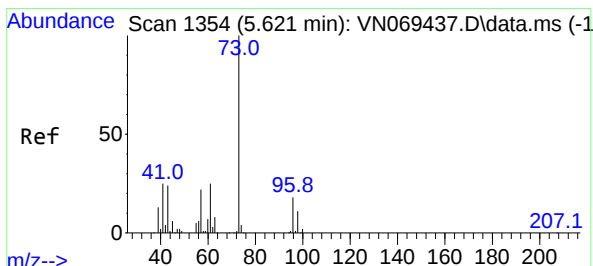
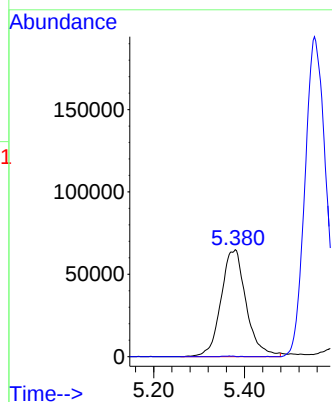
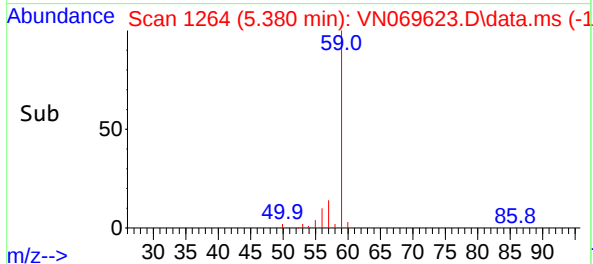
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



Tgt Ion: 59 Resp: 249138
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

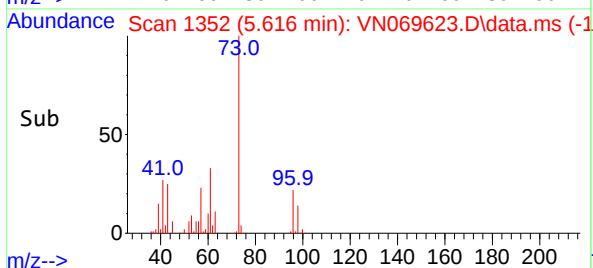
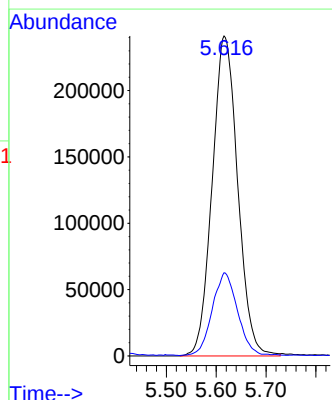
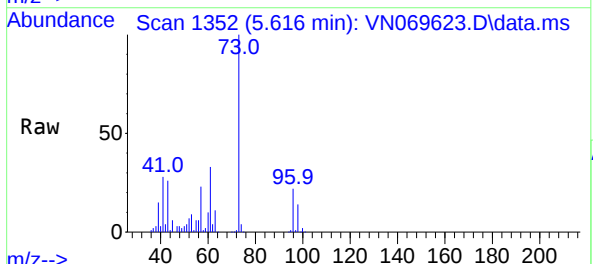
Manual Integrations
APPROVED

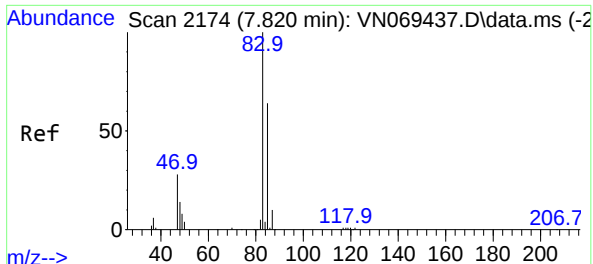
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#24
Methyl tert-Butyl Ether
Concen: 22.099 ug/l
RT: 5.616 min Scan# 1352
Delta R.T. -0.005 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Tgt Ion: 73 Resp: 856854
Ion Ratio Lower Upper
73 100
43 25.4 18.1 27.1





#25

Chloroform

Concen: 22.616 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN069623.D

Acq: 23 Nov 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

Tgt Ion: 83 Resp: 522698

Ion Ratio Lower Upper

83 100

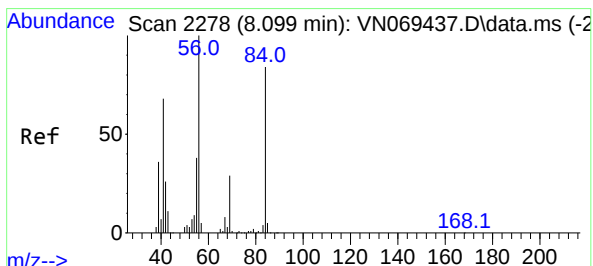
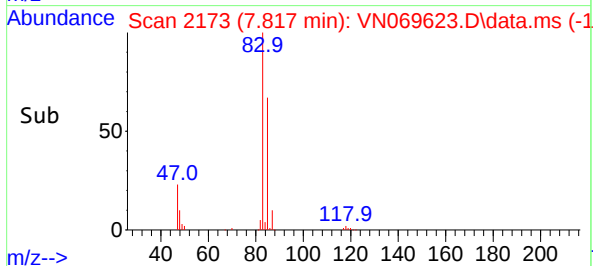
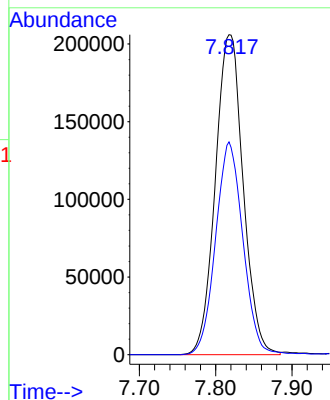
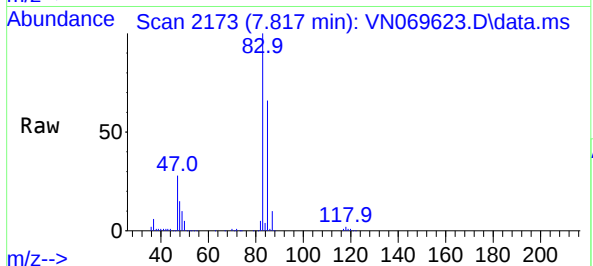
85 66.5 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2021

Supervised By :Mahesh Dadoda 11/26/2021



#26

Cyclohexane

Concen: 23.065 ug/l

RT: 8.096 min Scan# 2277

Delta R.T. -0.003 min

Lab File: VN069623.D

Acq: 23 Nov 2021 12:57

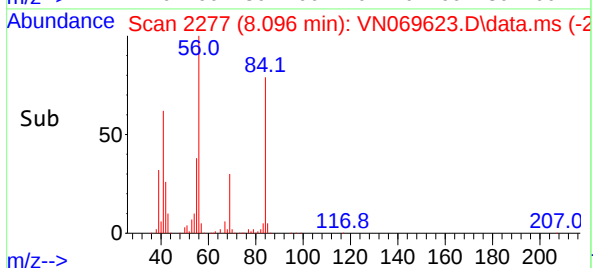
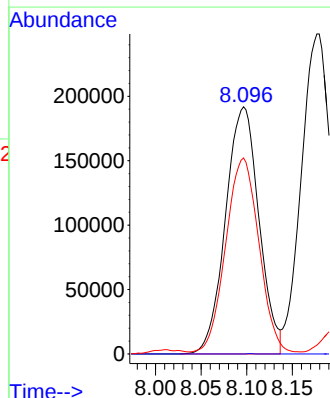
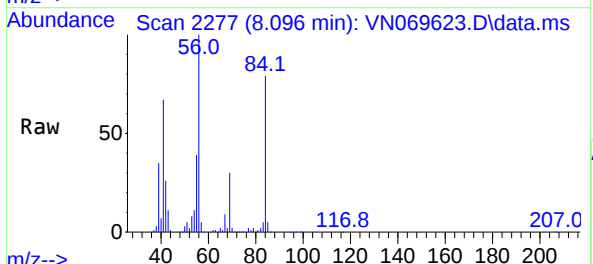
Tgt Ion: 56 Resp: 489508

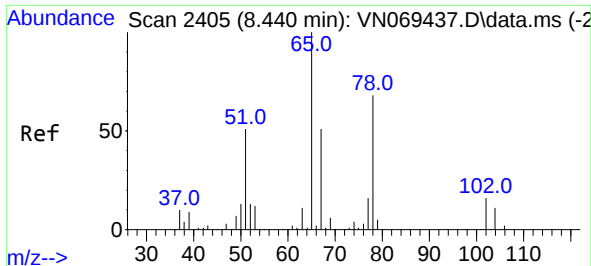
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 77.6 74.6 111.8





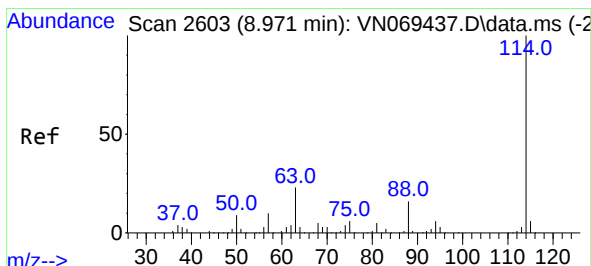
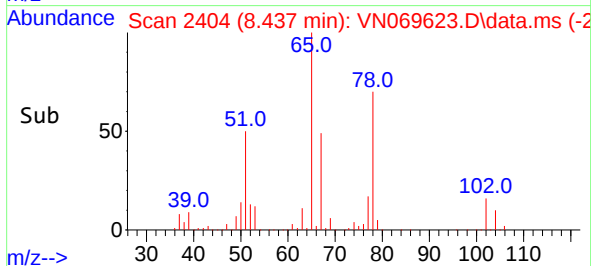
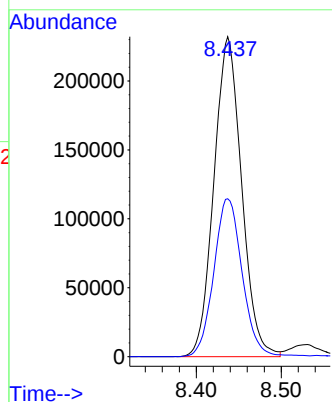
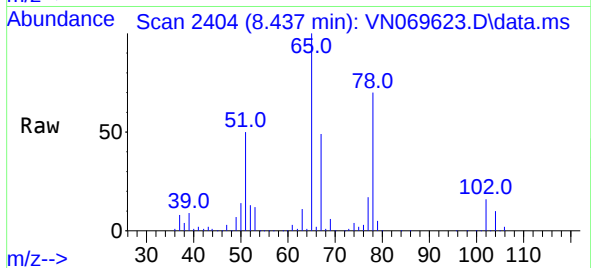
#27
1,2-Dichloroethane-d4
Concen: 31.324 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion: 65 Resp: 525928
Ion Ratio Lower Upper
65 100
67 50.6 40.2 60.2

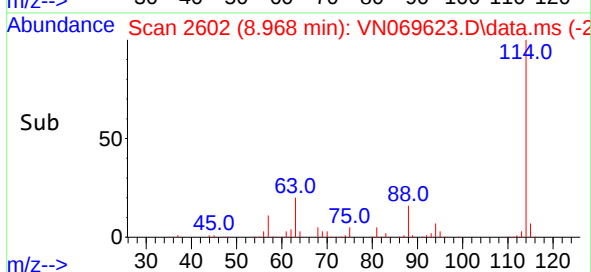
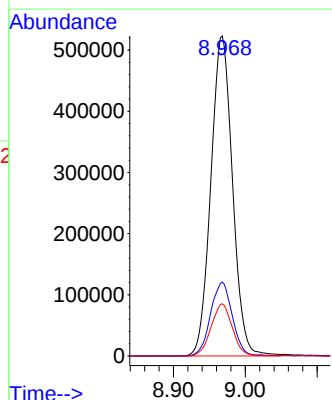
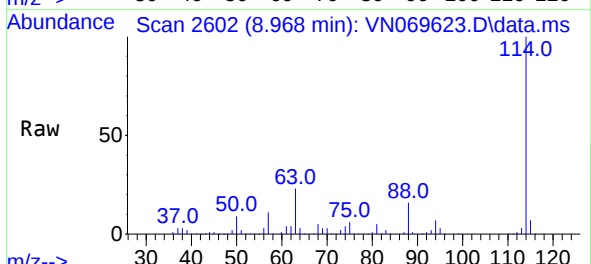
Manual Integrations
APPROVED

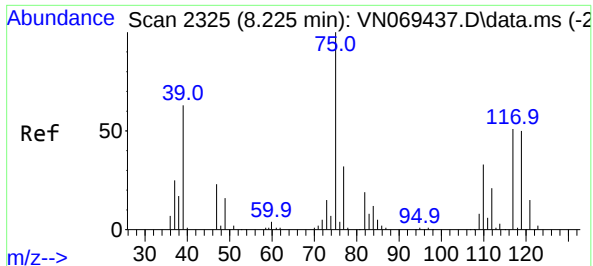
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Tgt Ion:114 Resp: 1095394
Ion Ratio Lower Upper
114 100
63 23.0 15.8 23.6
88 15.9 11.6 17.4





#29

1,1-Dichloropropene

Concen: 23.135 ug/l

RT: 8.220 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN069623.D

Acq: 23 Nov 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

Tgt Ion: 75 Resp: 386838

Ion Ratio Lower Upper

75 100

110 32.4 0.0 74.2

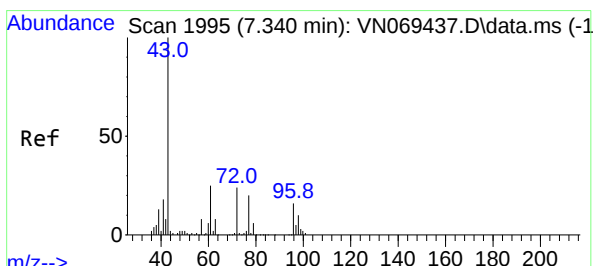
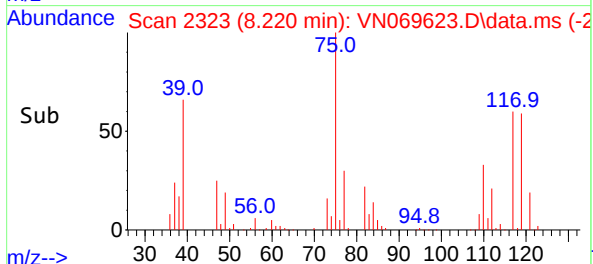
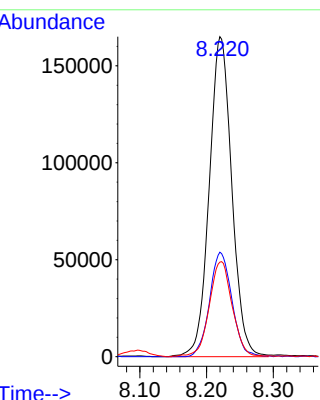
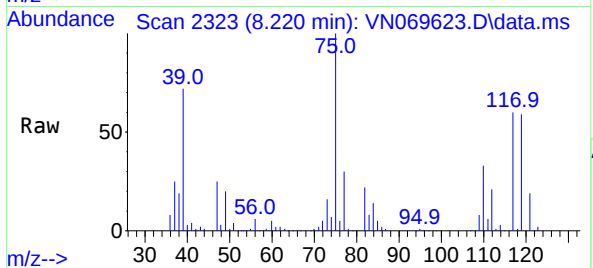
77 29.7 0.0 63.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2021

Supervised By :Mahesh Dadoda 11/26/2021



#30

2-Butanone

Concen: 103.056 ug/l

RT: 7.335 min Scan# 1993

Delta R.T. -0.003 min

Lab File: VN069623.D

Acq: 23 Nov 2021 12:57

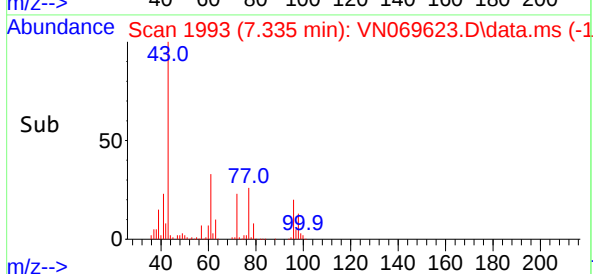
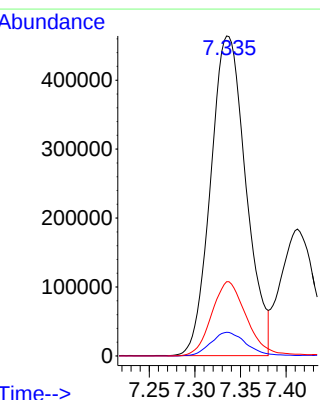
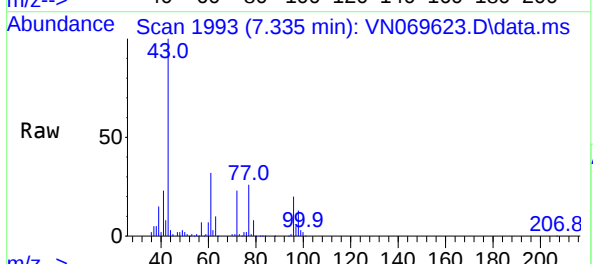
Tgt Ion: 43 Resp: 1247306

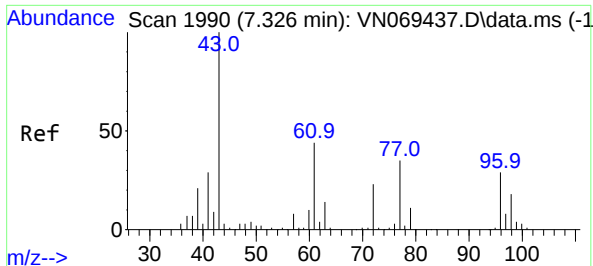
Ion Ratio Lower Upper

43 100

57 7.5 6.7 10.1

72 23.2 23.2 34.8





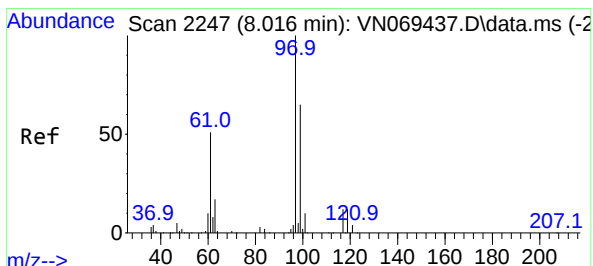
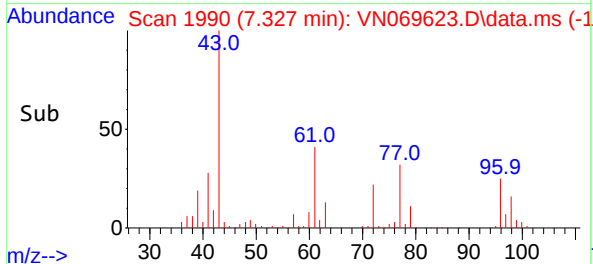
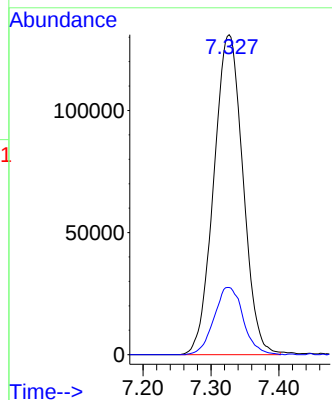
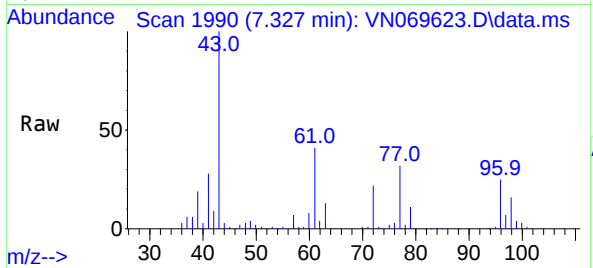
#31
2,2-Dichloropropane
Concen: 22.120 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion: 77 Resp: 39103
Ion Ratio Lower Upper
77 100
97 21.0 18.3 27.5

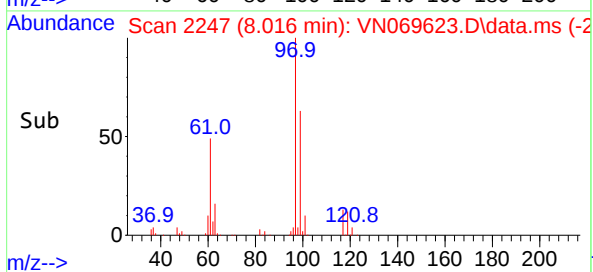
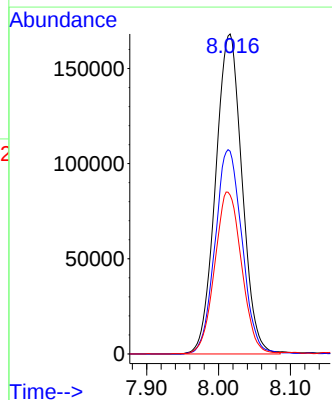
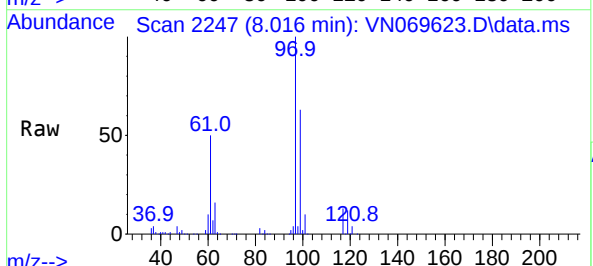
Manual Integrations
APPROVED

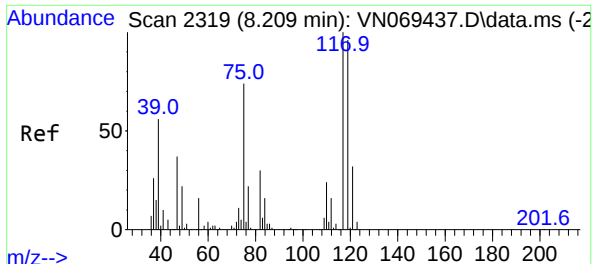
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#32
1,1,1-Trichloroethane
Concen: 22.006 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

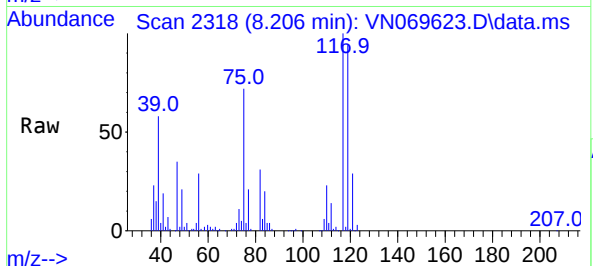
Tgt Ion: 97 Resp: 429567
Ion Ratio Lower Upper
97 100
99 65.1 50.4 75.6
61 51.3 34.6 51.8





#33
Carbon Tetrachloride
Concen: 22.307 ug/l
RT: 8.206 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

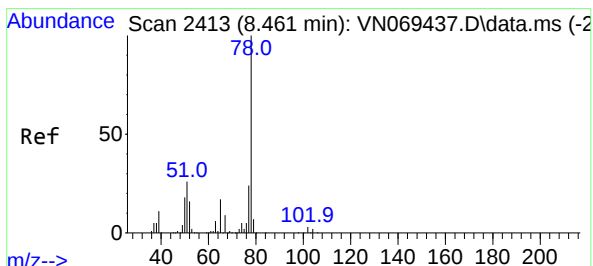
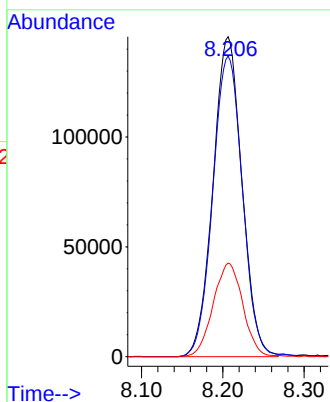
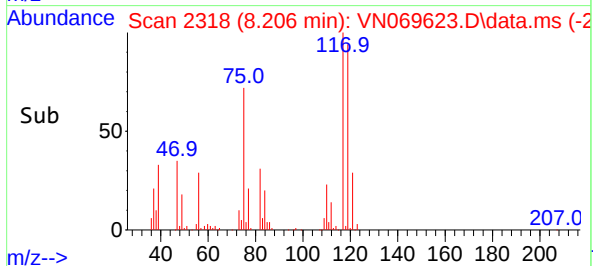
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



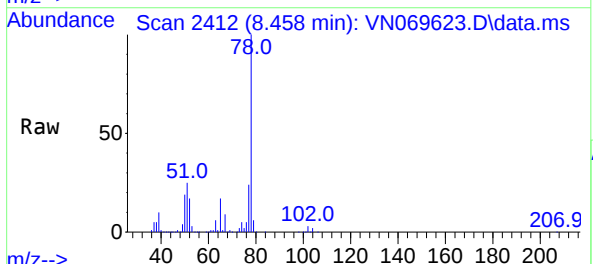
Tgt Ion:117 Resp: 35964
Ion Ratio Lower Upper
117 100
119 93.9 77.5 116.3
121 29.3 23.5 35.3

Manual Integrations
APPROVED

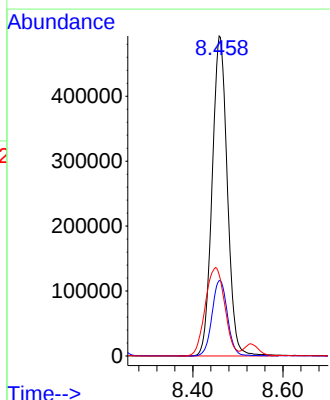
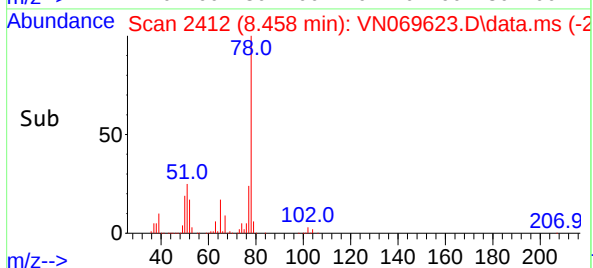
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

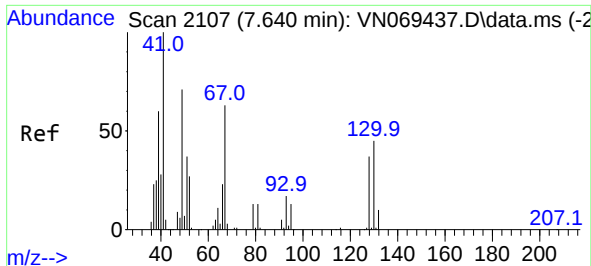


#34
Benzene
Concen: 22.653 ug/l m
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



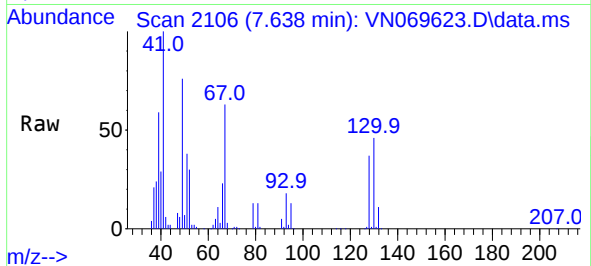
Tgt Ion: 78 Resp: 1151921
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7
51 25.3 16.0 24.0#





#35
Methacrylonitrile
Concen: 20.843 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

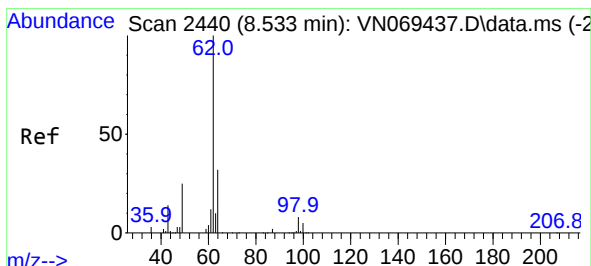
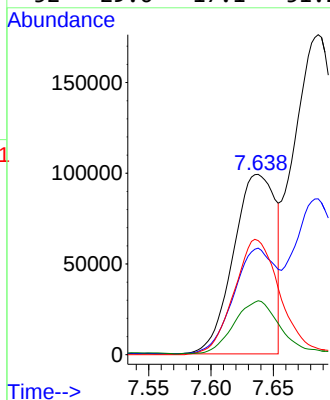
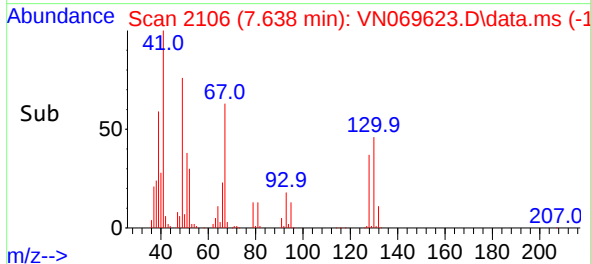
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



Tgt Ion: 41 Resp: 23137
Ion Ratio Lower Upper
41 100
39 58.8 28.0 83.9
67 63.6 37.7 113.1
52 29.6 17.1 51.2

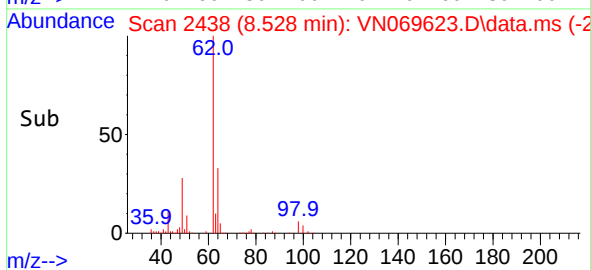
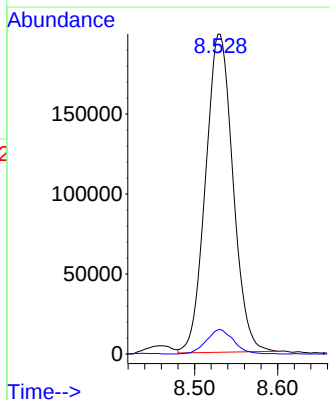
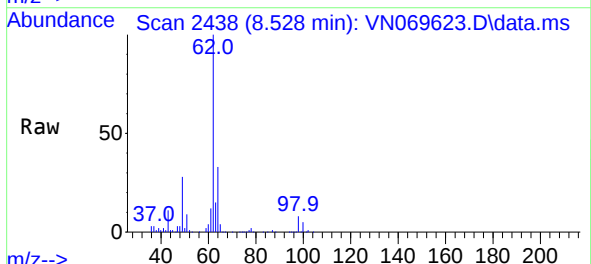
Manual Integrations
APPROVED

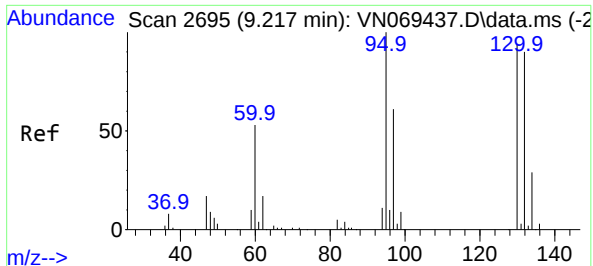
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#36
1,2-Dichloroethane
Concen: 23.232 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.005 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Tgt Ion: 62 Resp: 455431
Ion Ratio Lower Upper
62 100
98 7.7 6.6 10.0





#37

Trichloroethene

Concen: 22.489 ug/l

RT: 9.215 min Scan# 2695

Delta R.T. -0.003 min

Lab File: VN069623.D

Acq: 23 Nov 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

Tgt Ion:130 Resp: 276269

Ion Ratio Lower Upper

130 100

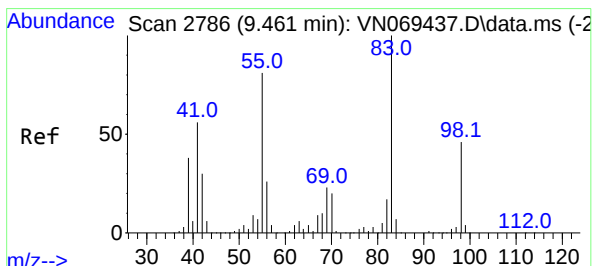
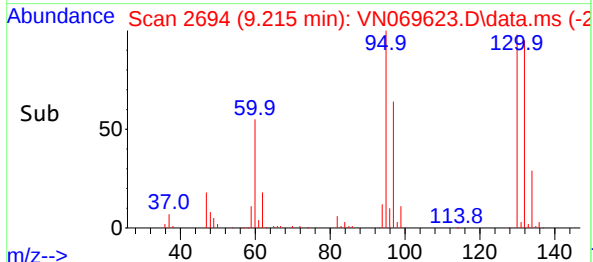
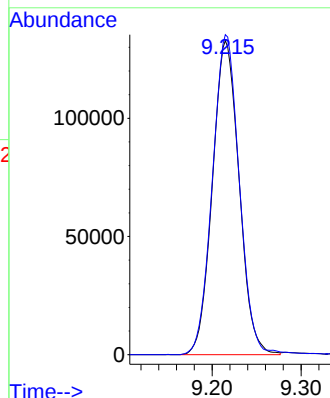
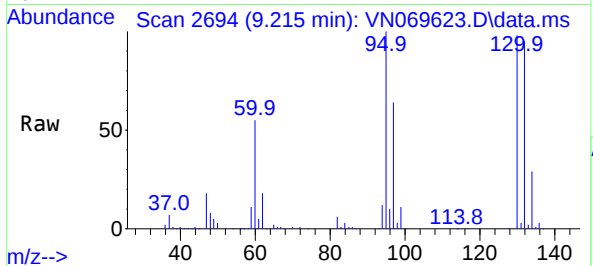
95 101.9 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2021

Supervised By :Mahesh Dadoda 11/26/2021



#38

Methylcyclohexane

Concen: 22.553 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.003 min

Lab File: VN069623.D

Acq: 23 Nov 2021 12:57

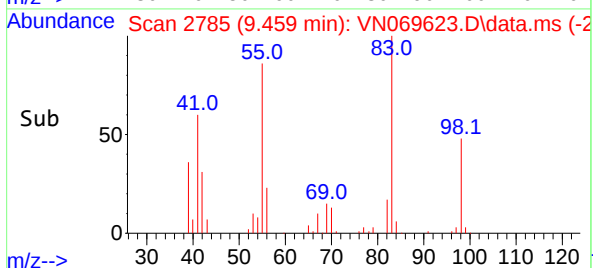
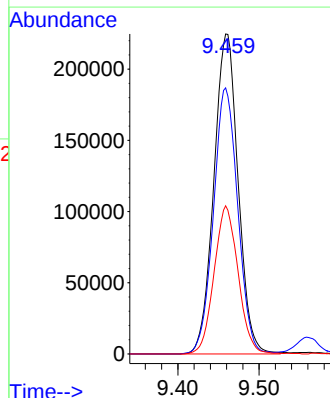
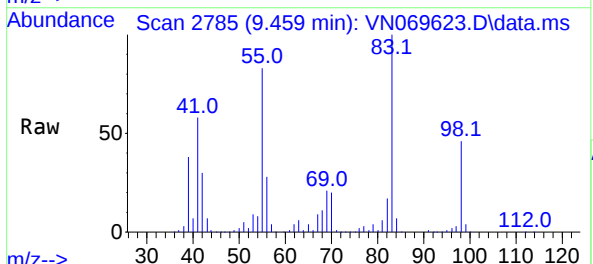
Tgt Ion: 83 Resp: 466558

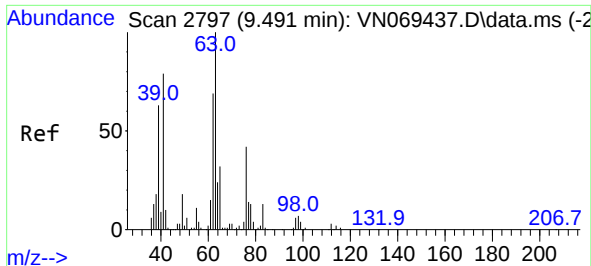
Ion Ratio Lower Upper

83 100

55 83.4 35.1 105.3

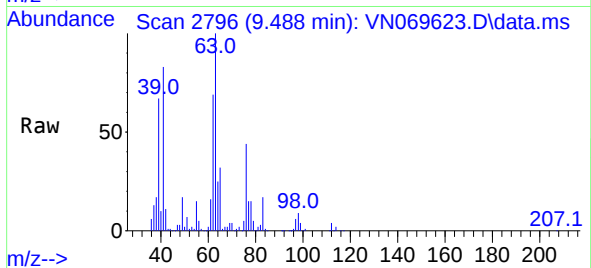
98 45.7 23.4 70.2





#39
1,2-Dichloropropane
Concen: 22.752 ug/l
RT: 9.488 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

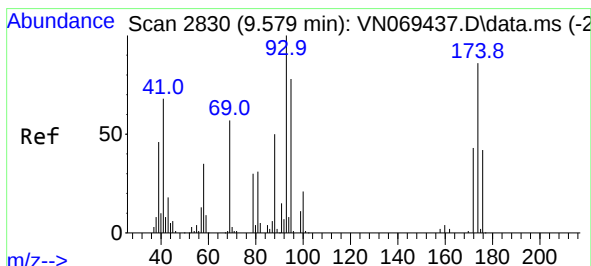
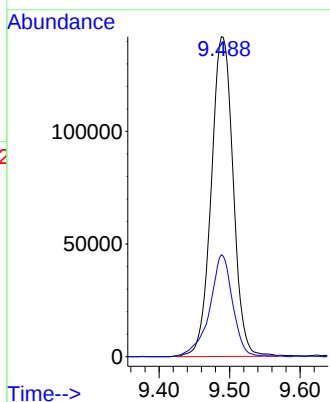
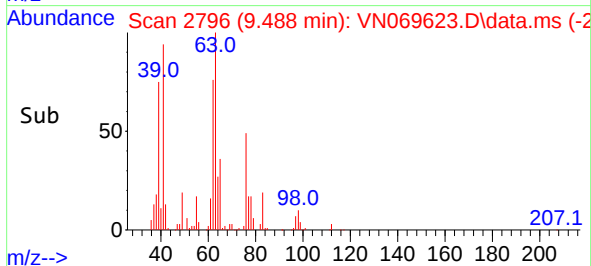
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



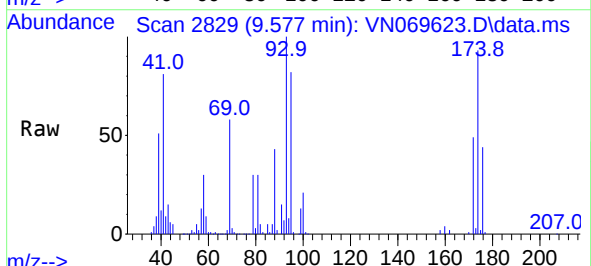
Tgt Ion: 63 Resp: 306400
Ion Ratio Lower Upper
63 100
65 31.7 24.2 36.4

Manual Integrations
APPROVED

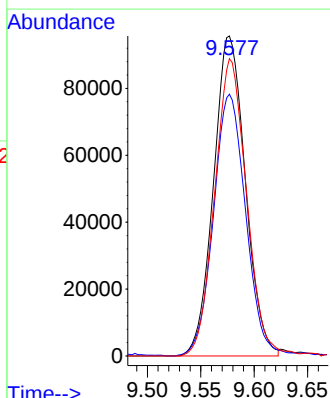
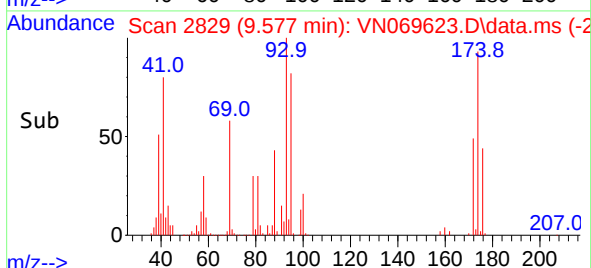
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

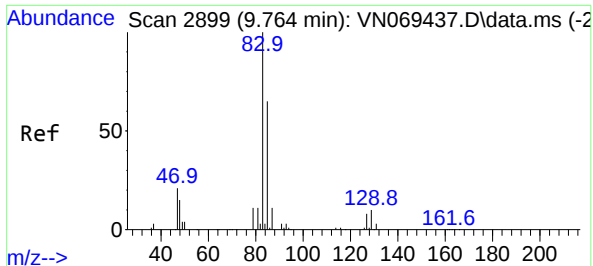


#40
Dibromomethane
Concen: 21.959 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



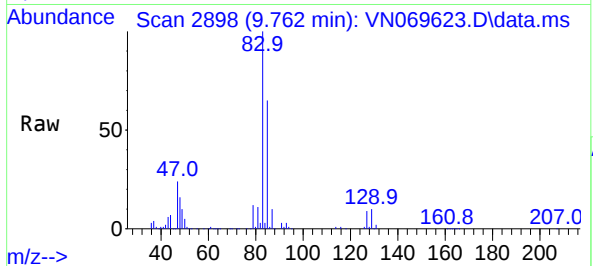
Tgt Ion: 93 Resp: 198061
Ion Ratio Lower Upper
93 100
95 83.0 0.0 168.8
174 92.6 0.0 173.6





#41
Bromodichloromethane
Concen: 22.220 ug/l
RT: 9.762 min Scan# 2899
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

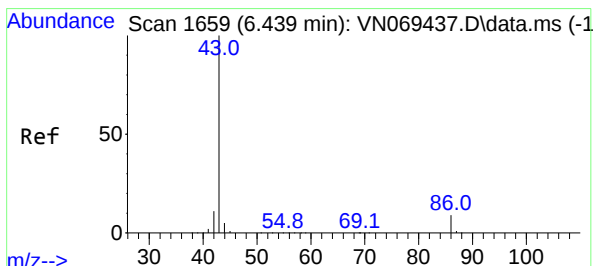
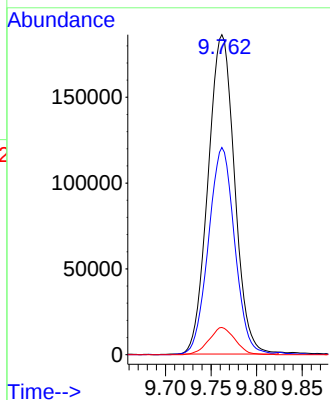
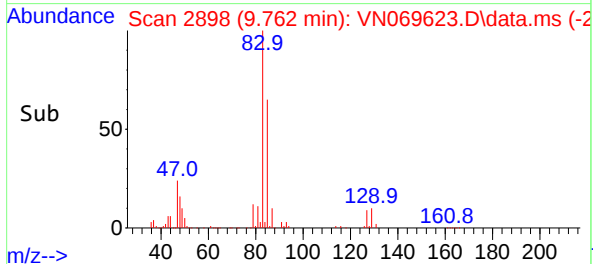
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



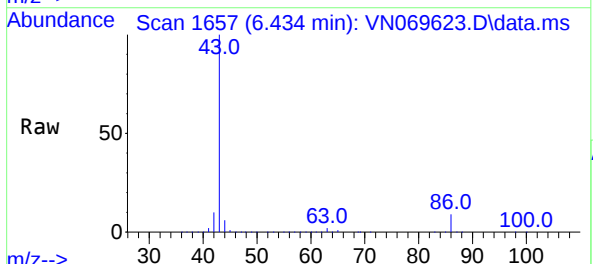
Tgt Ion: 83 Resp: 37617
Ion Ratio Lower Upper
83 100
85 64.7 54.1 81.1
127 8.5 7.6 11.4

Manual Integrations
APPROVED

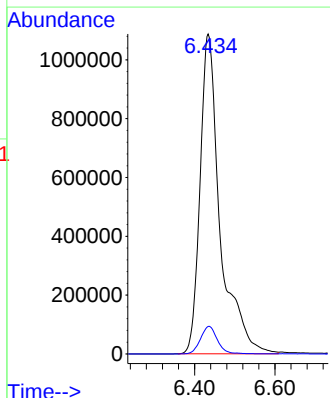
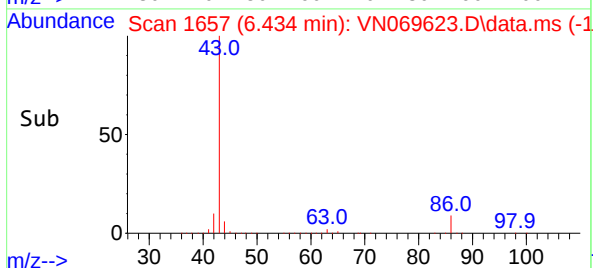
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

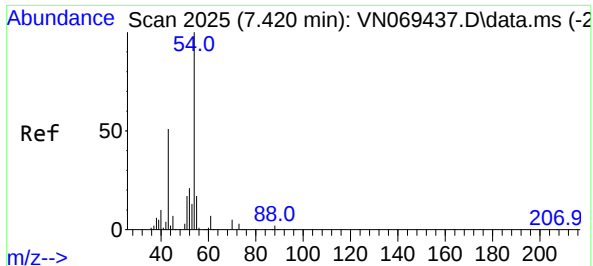


#42
Vinyl Acetate
Concen: 110.303 ug/l
RT: 6.434 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



Tgt Ion: 43 Resp: 3772795
Ion Ratio Lower Upper
43 100
86 7.2 7.5 11.3#





#43

Ethyl Acetate

Concen: 20.421 ug/l

RT: 7.412 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN069623.D

Acq: 23 Nov 2021 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1123WBS01

Tgt Ion: 43 Resp: 45805

Ion Ratio Lower Upper

43 100

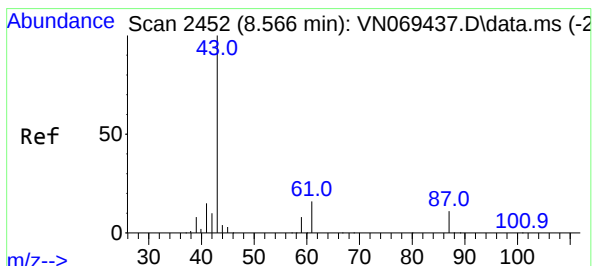
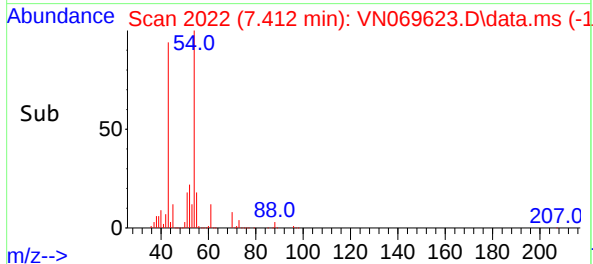
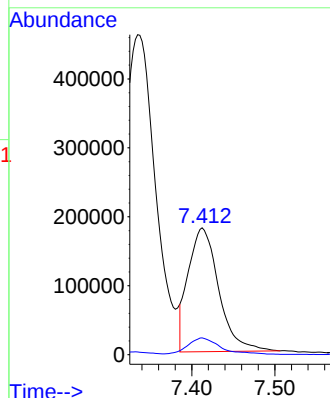
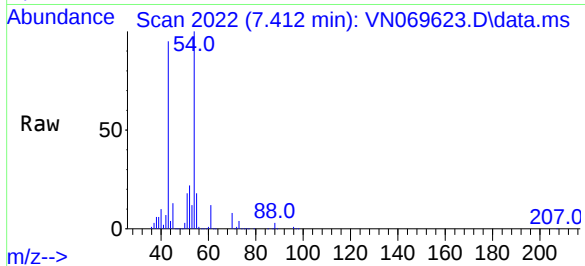
45 13.6 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/24/2021

Supervised By :Mahesh Dadoda 11/26/2021



#44

Isopropyl Acetate

Concen: 21.053 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. 0.000 min

Lab File: VN069623.D

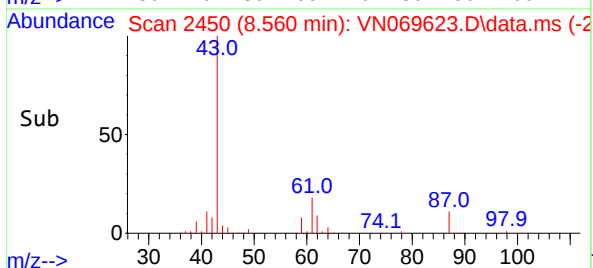
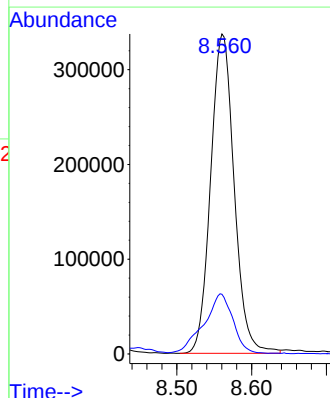
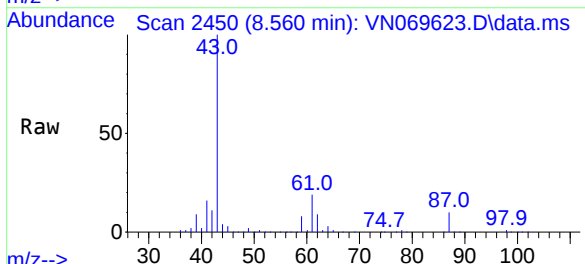
Acq: 23 Nov 2021 12:57

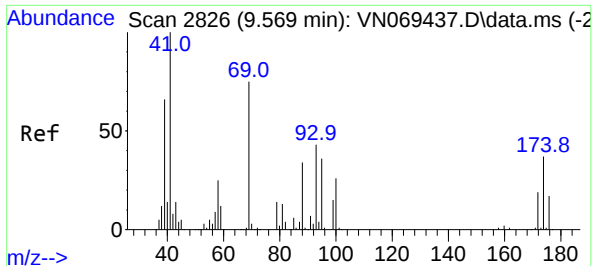
Tgt Ion: 43 Resp: 736195

Ion Ratio Lower Upper

43 100

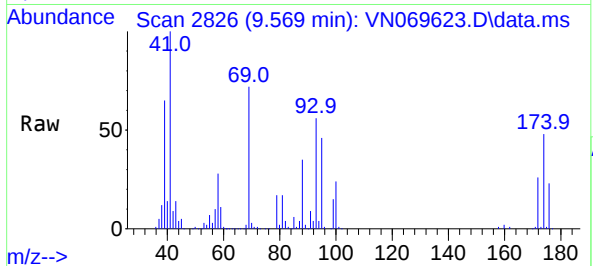
61 22.9 20.1 30.1





#45
1,4-Dioxane
Concen: 386.316 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

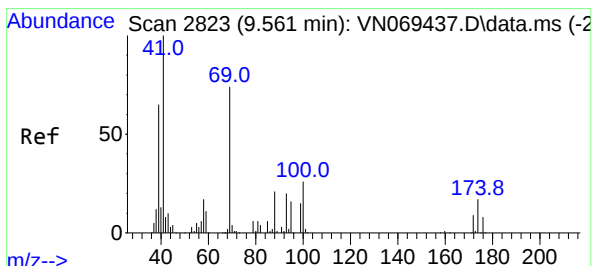
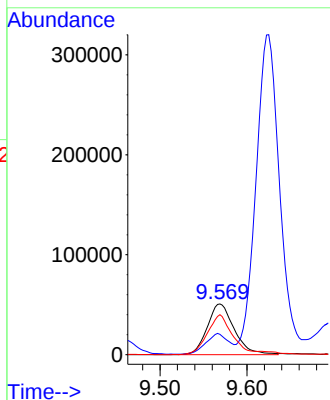
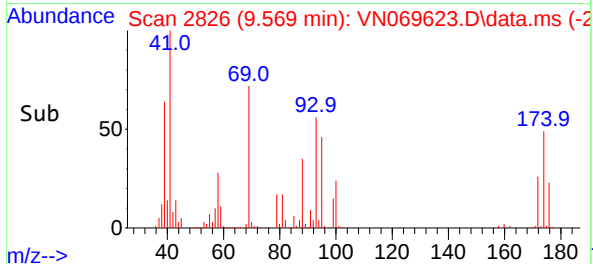
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



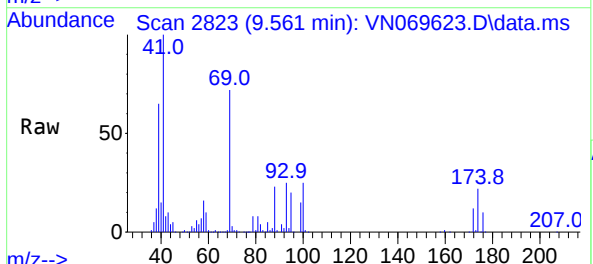
Tgt Ion: 88 Resp: 109660
Ion Ratio Lower Upper
88 100
43 33.9 25.0 37.6
58 71.9 49.4 74.2

Manual Integrations
APPROVED

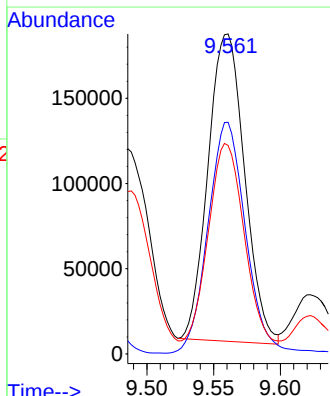
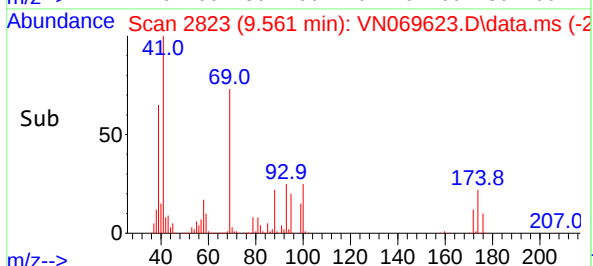
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

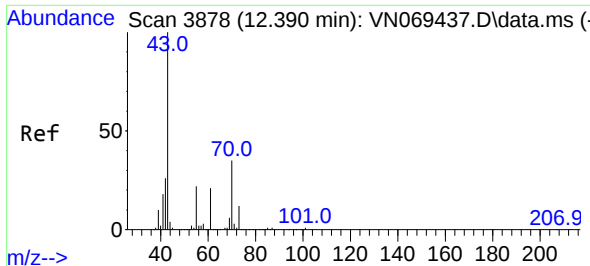


#46
Methyl methacrylate
Concen: 21.355 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



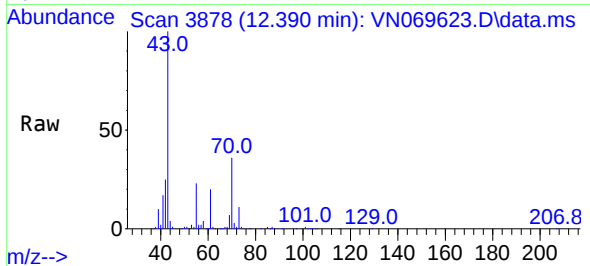
Tgt Ion: 41 Resp: 343925
Ion Ratio Lower Upper
41 100
69 75.0 44.4 133.2
39 64.2 39.9 119.6





#47
n-amy1 Acetate
Concen: 17.331 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

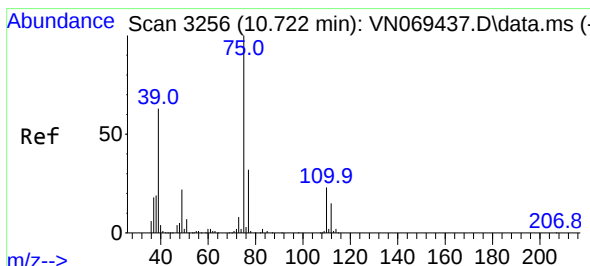
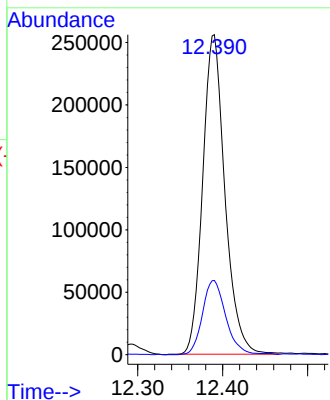
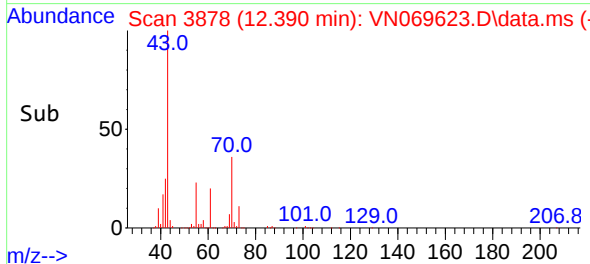
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



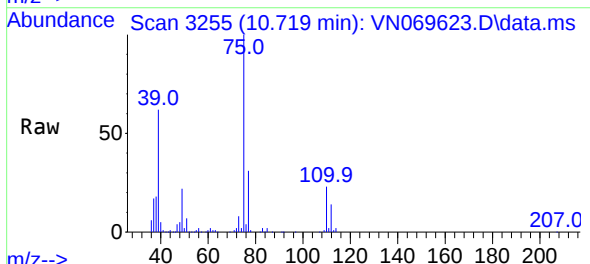
Tgt Ion: 43 Resp: 46537
Ion Ratio Lower Upper
43 100
55 24.4 19.0 28.6

Manual Integrations
APPROVED

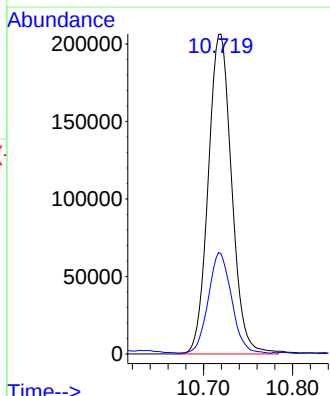
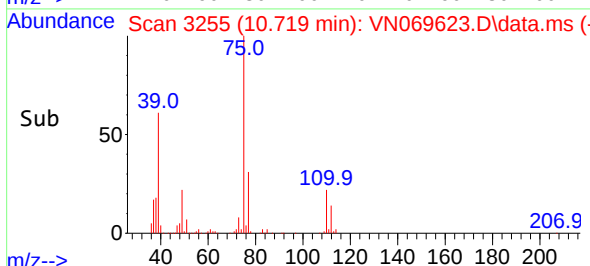
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

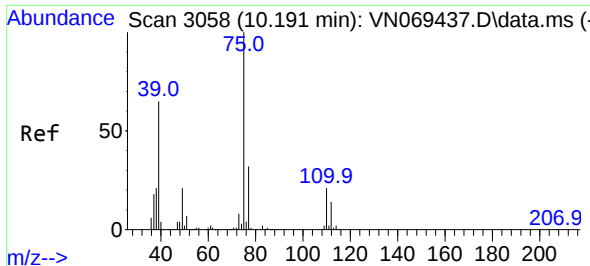


#48
t-1,3-Dichloropropene
Concen: 20.801 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



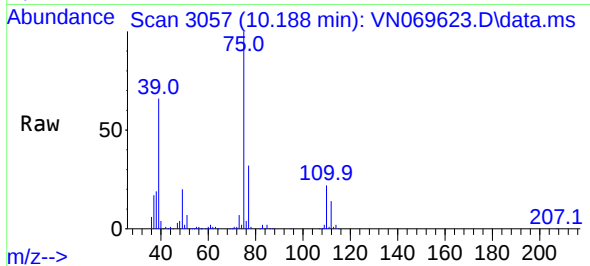
Tgt Ion: 75 Resp: 377916
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 21.683 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. -0.003 min
 Lab File: VN069623.D
 Acq: 23 Nov 2021 12:57

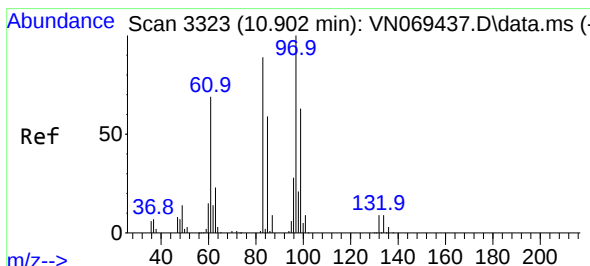
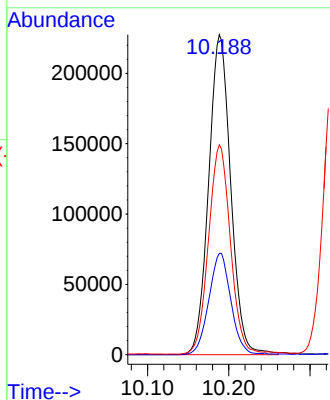
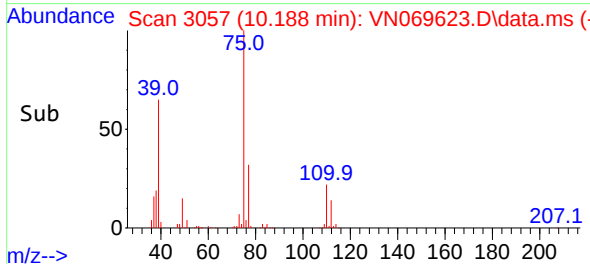
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01



Tgt Ion: 75 Resp: 428672
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 65.4 46.2 69.4

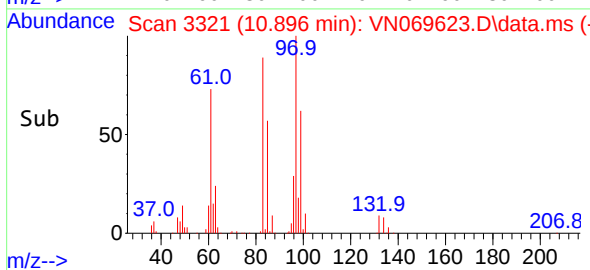
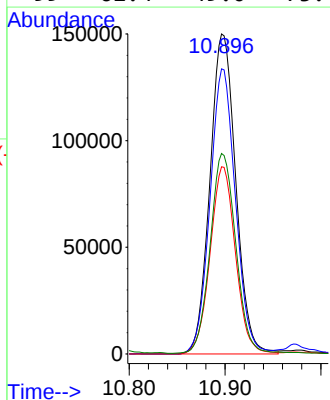
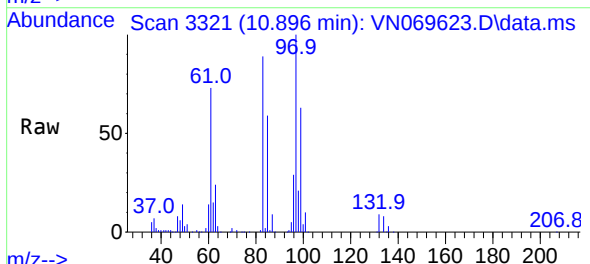
Manual Integrations
 APPROVED

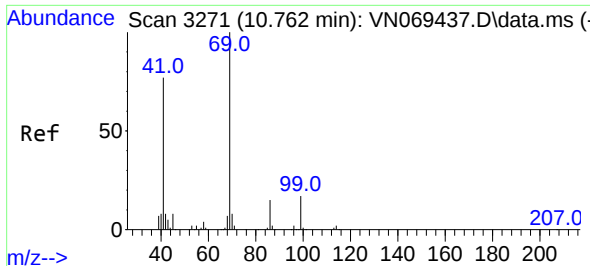
Reviewed By :John Carlone 11/24/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#50
 1,1,2-Trichloroethane
 Concen: 21.938 ug/l
 RT: 10.896 min Scan# 3321
 Delta R.T. -0.003 min
 Lab File: VN069623.D
 Acq: 23 Nov 2021 12:57

Tgt Ion: 97 Resp: 280983
 Ion Ratio Lower Upper
 97 100
 83 89.1 67.2 100.8
 85 58.5 43.0 64.4
 99 62.4 49.0 73.4





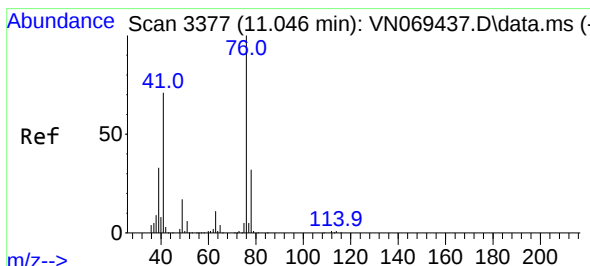
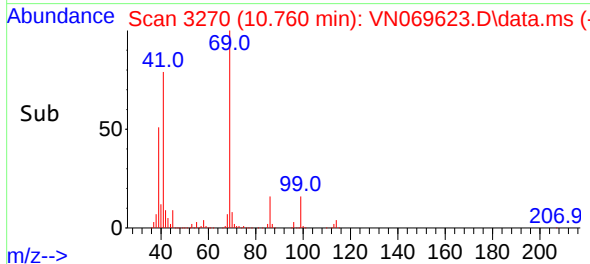
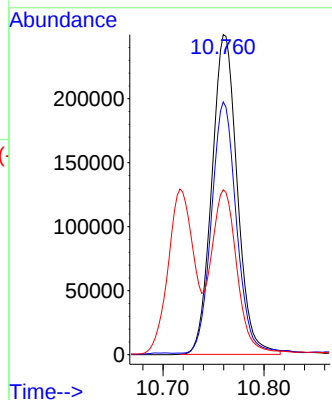
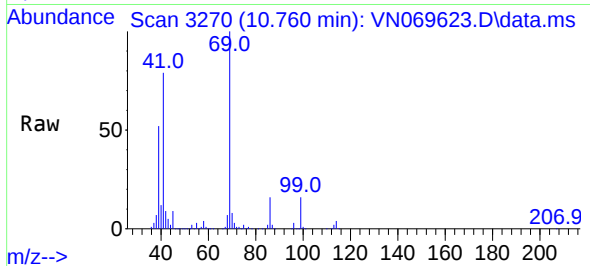
#51
Ethyl methacrylate
Concen: 20.343 ug/l
RT: 10.760 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion: 69 Resp: 43684
Ion Ratio Lower Upper
69 100
41 78.6 33.0 98.9
39 50.4 25.4 76.4

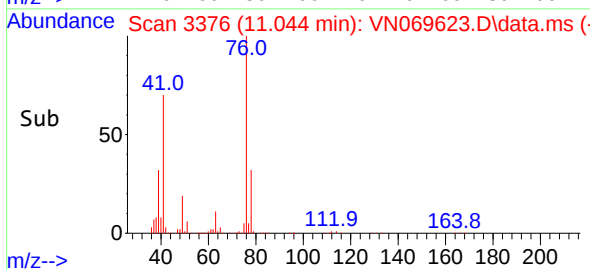
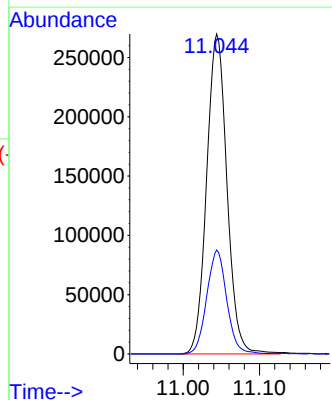
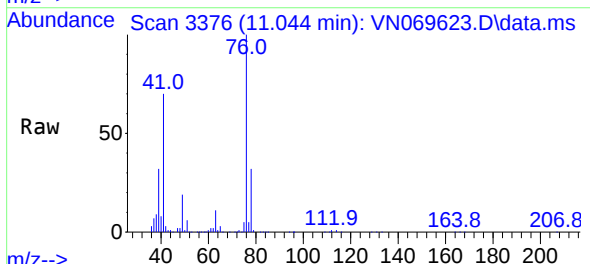
Manual Integrations
APPROVED

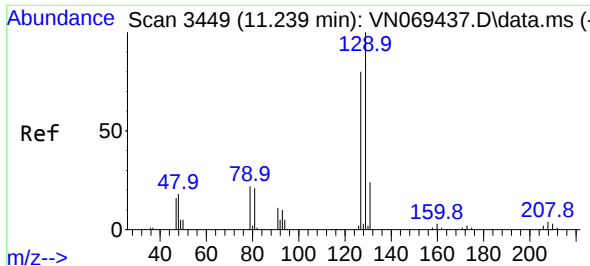
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#52
1,3-Dichloropropane
Concen: 22.574 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Tgt Ion: 76 Resp: 499421
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.4





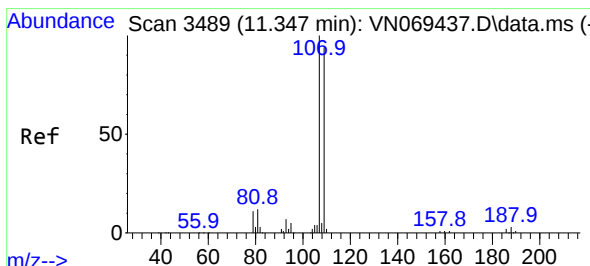
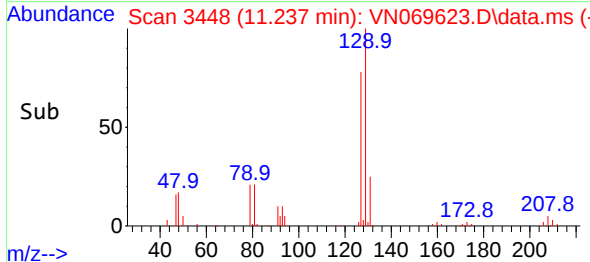
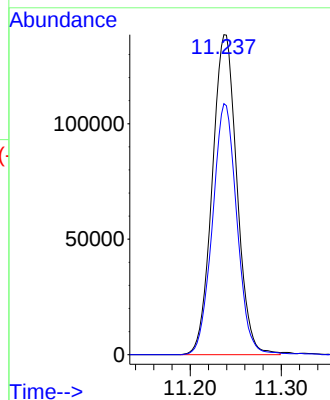
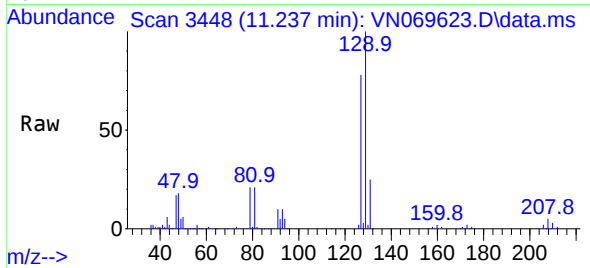
#53
Dibromochloromethane
Concen: 21.263 ug/l
RT: 11.237 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion:129 Resp: 260239
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

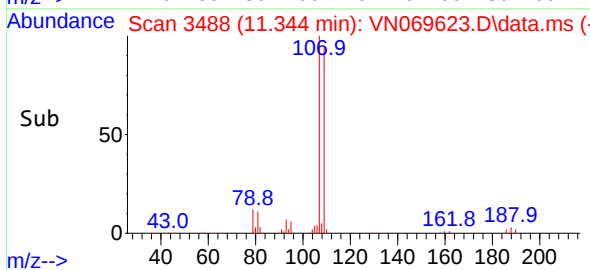
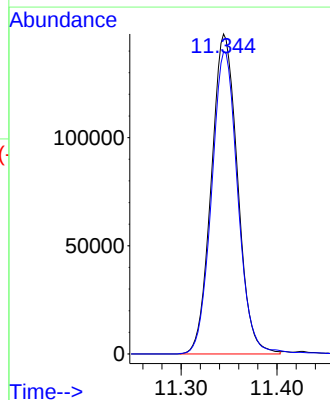
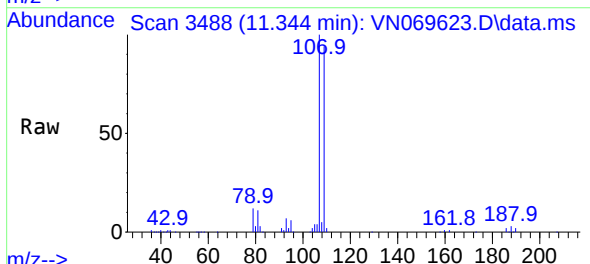
Manual Integrations
APPROVED

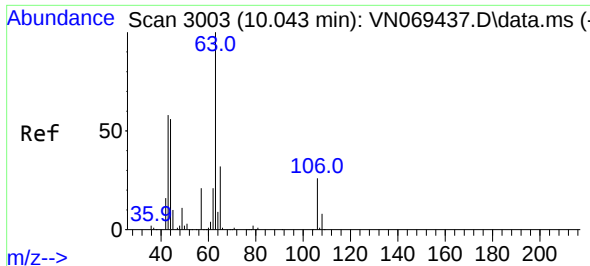
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#54
1,2-Dibromoethane
Concen: 21.185 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Tgt Ion:107 Resp: 281006
Ion Ratio Lower Upper
107 100
109 93.6 72.8 109.2





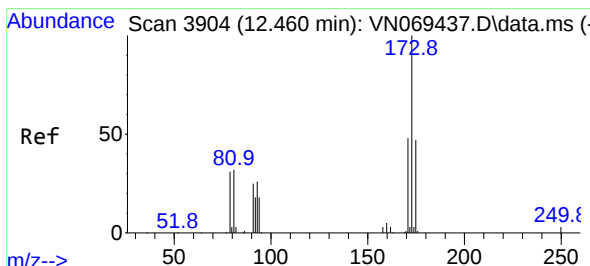
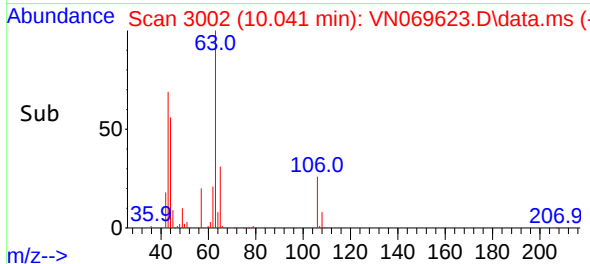
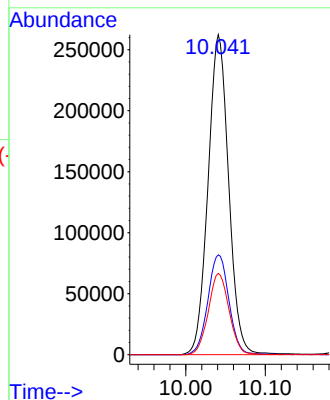
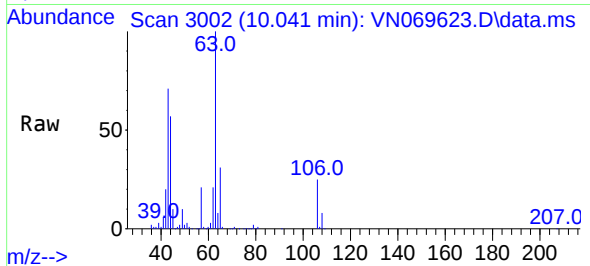
#55
2-Chloroethyl vinyl ether
Concen: 96.779 ug/l
RT: 10.041 min Scan# 3003
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion: 63 Resp: 472719
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.0
106 25.6 23.2 34.8

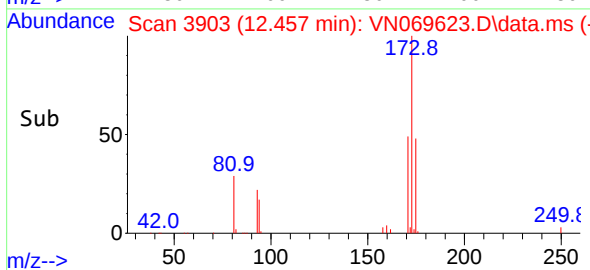
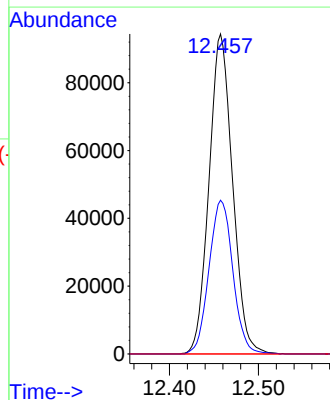
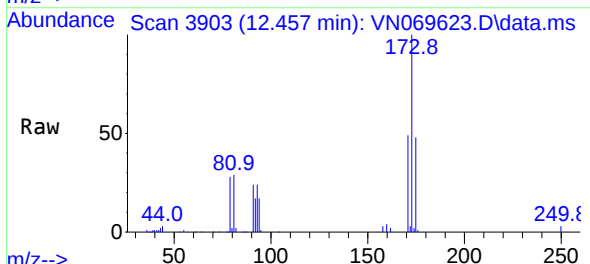
Manual Integrations
APPROVED

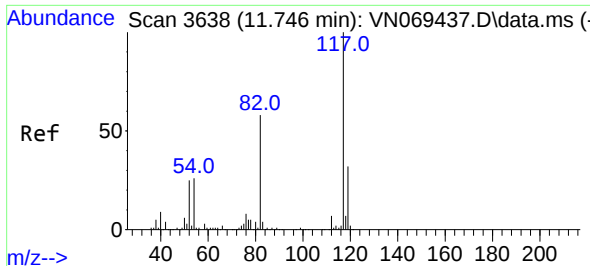
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#56
Bromoform
Concen: 19.760 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

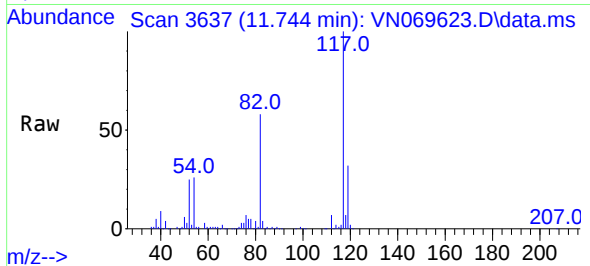
Tgt Ion:173 Resp: 173427
Ion Ratio Lower Upper
173 100
175 48.8 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

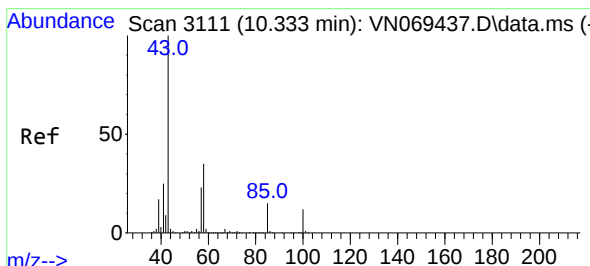
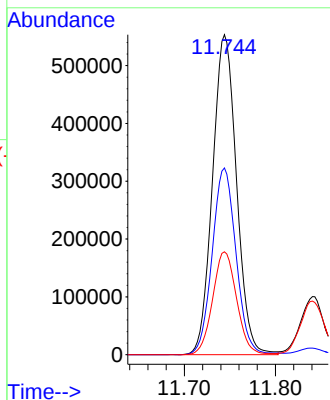
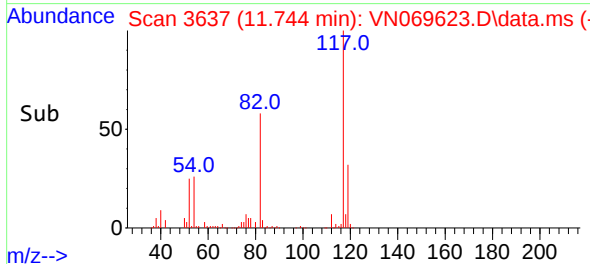
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



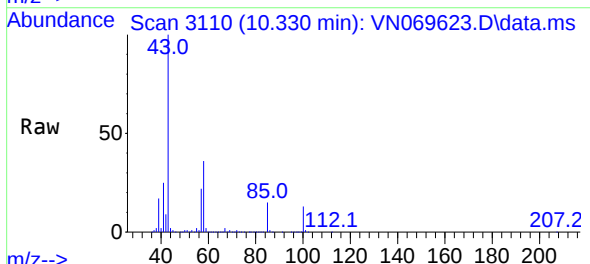
Tgt Ion: 117 Resp: 101224
Ion Ratio Lower Upper
117 100
82 58.1 43.6 65.4
119 32.2 25.8 38.6

Manual Integrations
APPROVED

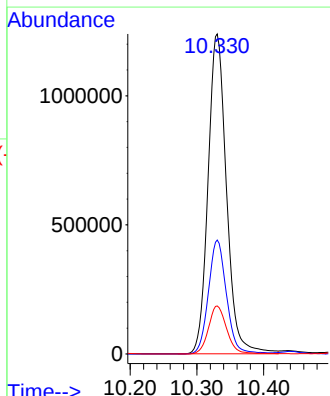
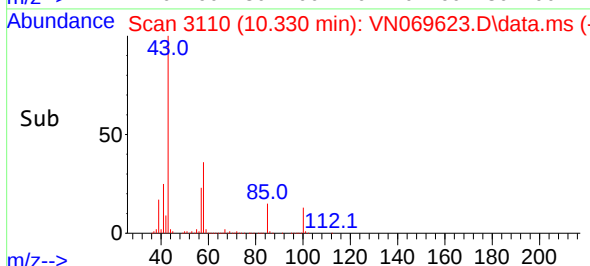
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

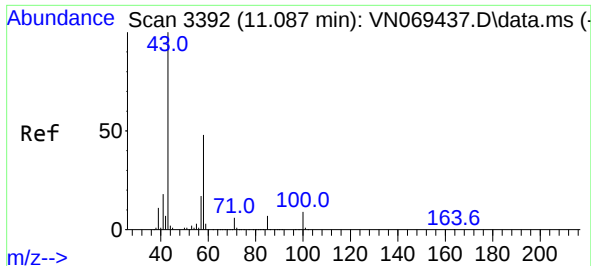


#58
4-Methyl-2-Pentanone
Concen: 107.159 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



Tgt Ion: 43 Resp: 2381019
Ion Ratio Lower Upper
43 100
58 34.7 30.0 45.0
85 14.8 15.0 22.6





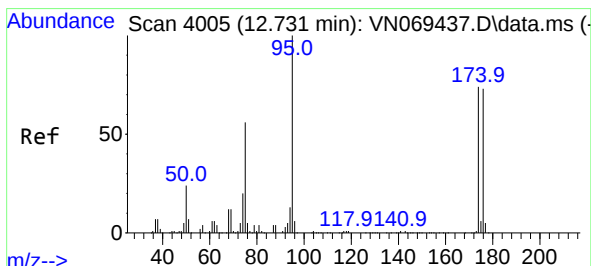
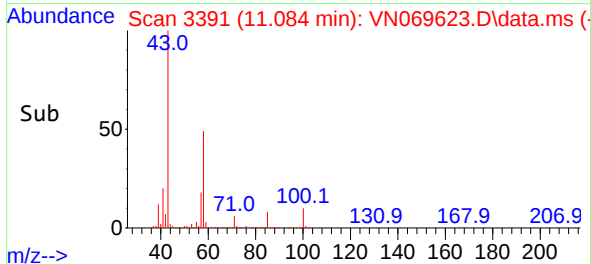
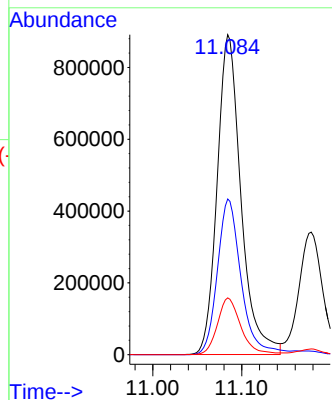
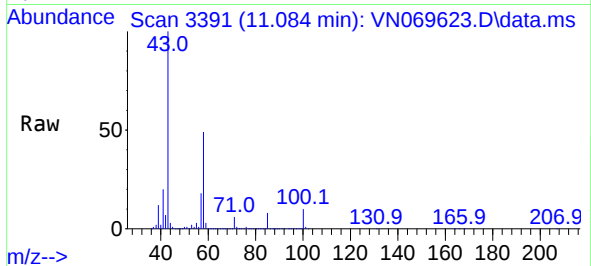
#59
2-Hexanone
Concen: 98.164 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion: 43 Resp: 165914
Ion Ratio Lower Upper
43 100
58 48.5 42.2 63.2
57 17.6 15.0 22.4

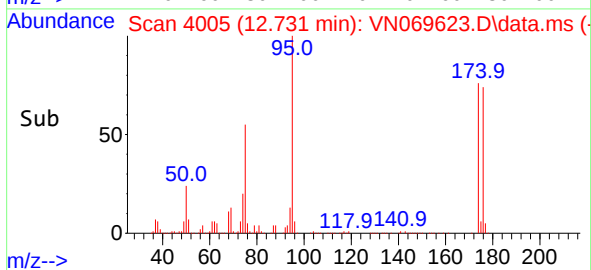
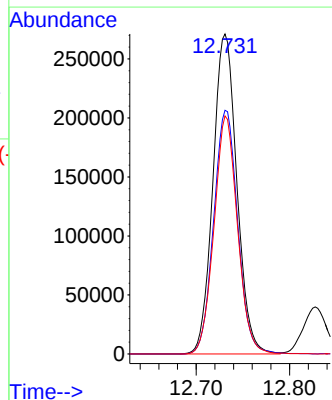
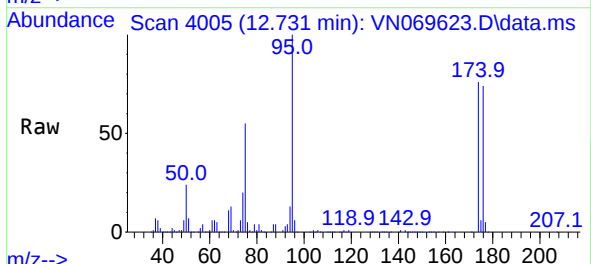
Manual Integrations
APPROVED

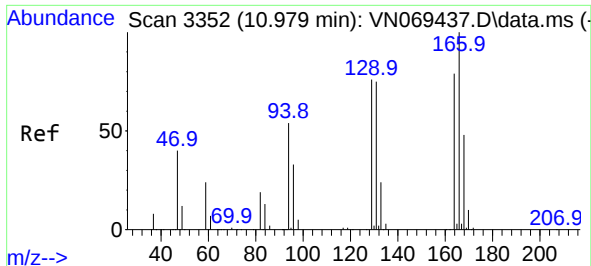
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#60
4-Bromofluorobenzene
Concen: 29.786 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

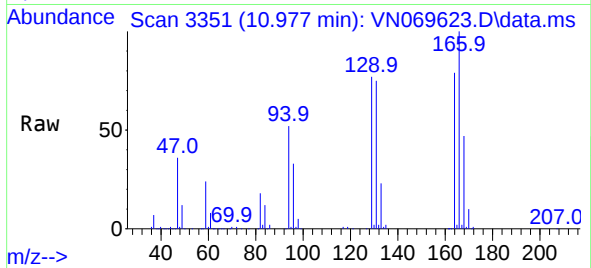
Tgt Ion: 95 Resp: 482498
Ion Ratio Lower Upper
95 100
174 76.6 62.9 94.3
176 73.0 61.0 91.4





#61
Tetrachloroethene
Concen: 23.600 ug/l
RT: 10.977 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

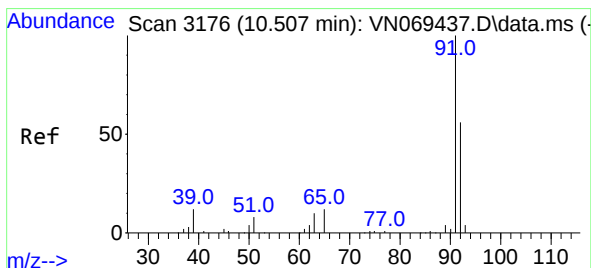
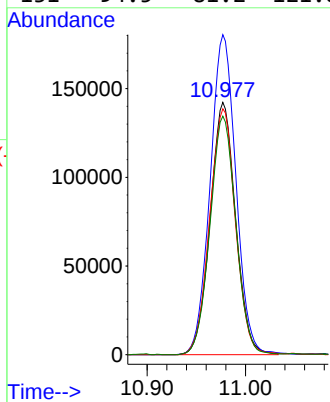
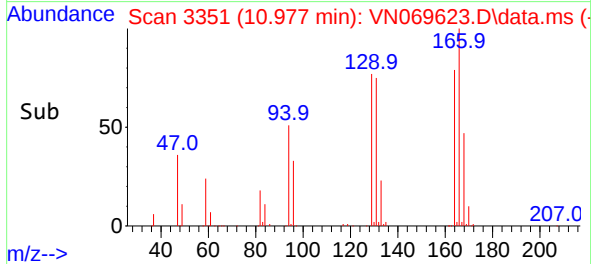
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



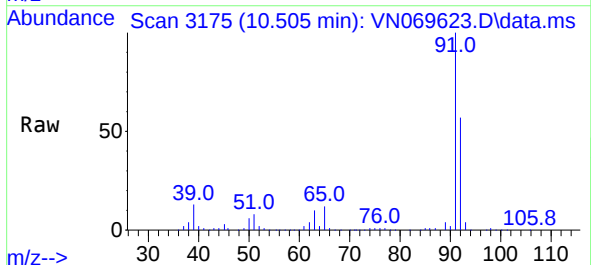
Tgt Ion:164 Resp: 256400
Ion Ratio Lower Upper
164 100
166 126.7 105.8 158.8
129 97.5 82.5 123.7
131 94.5 81.2 121.8

Manual Integrations
APPROVED

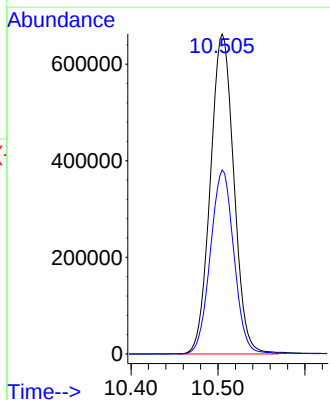
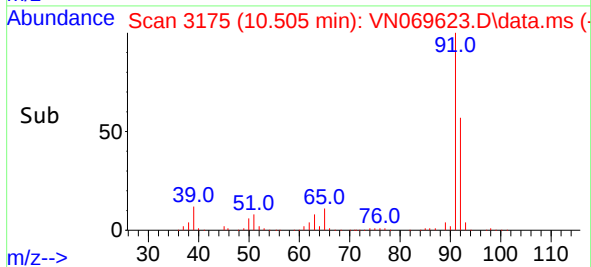
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

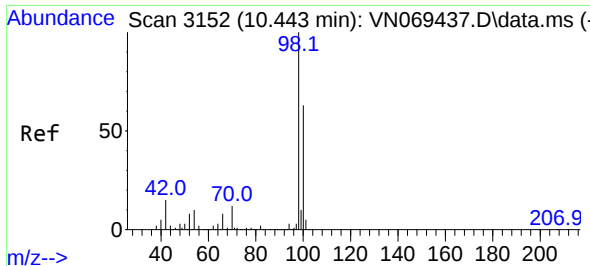


#62
Toluene
Concen: 22.343 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



Tgt Ion: 91 Resp: 1242794
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0





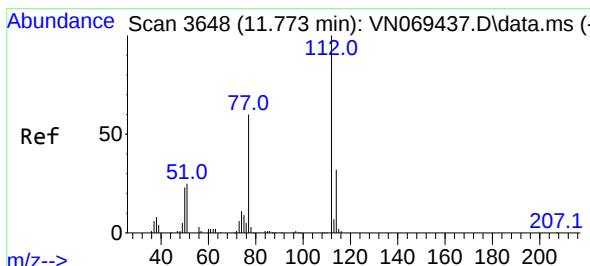
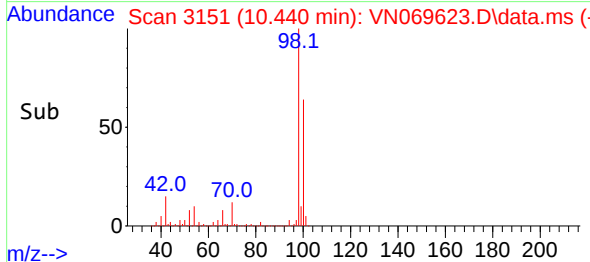
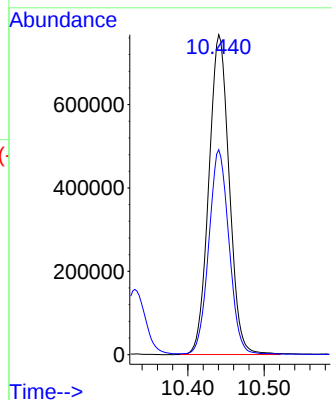
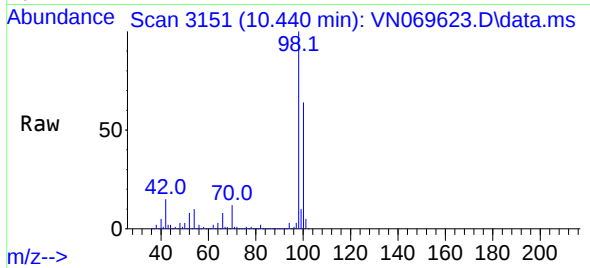
#63
Toluene-d8
Concen: 30.527 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion: 98 Resp: 1426780
Ion Ratio Lower Upper
98 100
100 62.7 50.6 76.0

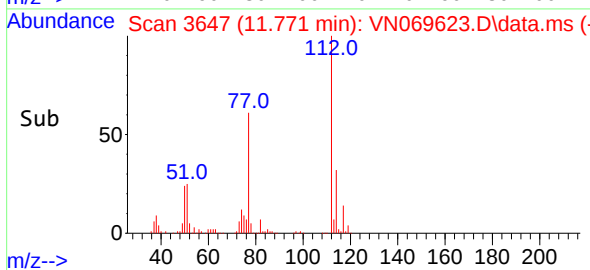
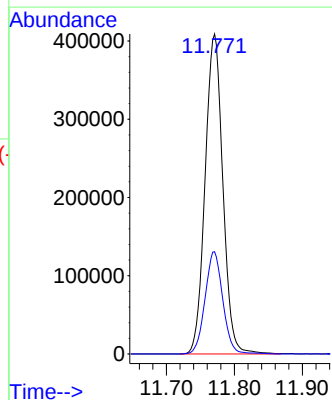
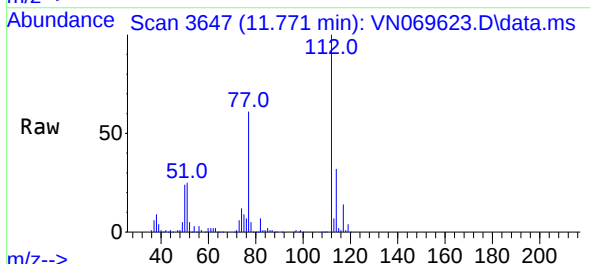
Manual Integrations
APPROVED

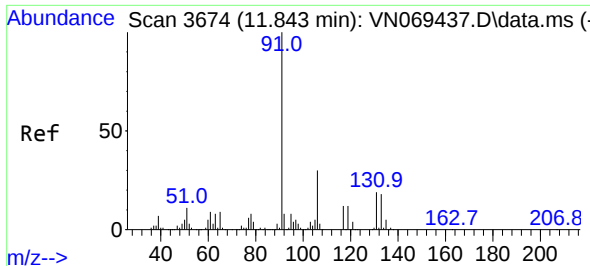
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#64
Chlorobenzene
Concen: 22.242 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Tgt Ion:112 Resp: 742264
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6





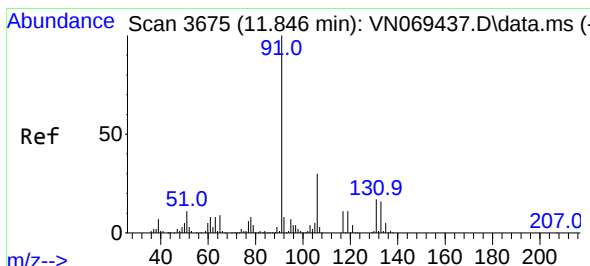
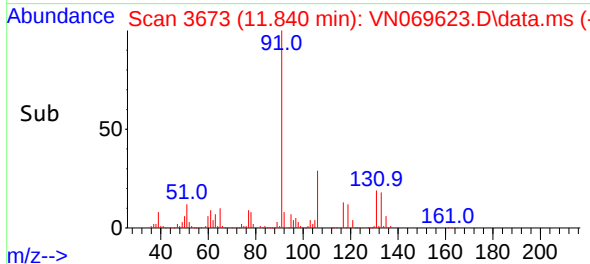
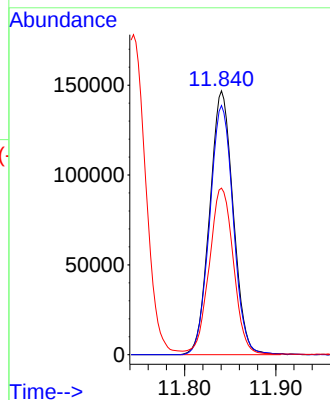
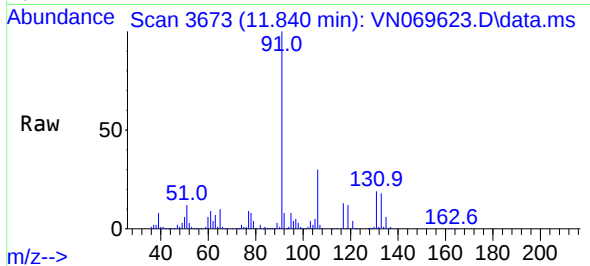
#65
1,1,1,2-Tetrachloroethane
Concen: 22.434 ug/l
RT: 11.840 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion:131 Resp: 263574
Ion Ratio Lower Upper
131 100
133 94.6 0.0 191.2
119 65.0 0.0 128.8

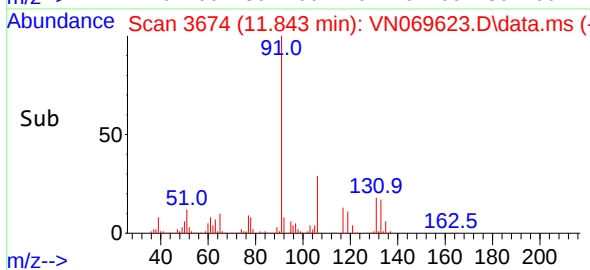
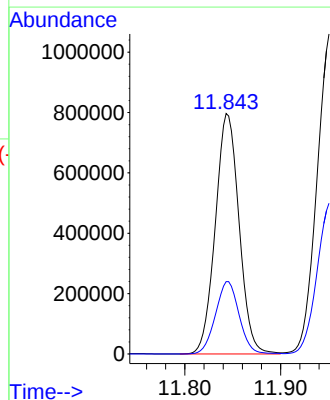
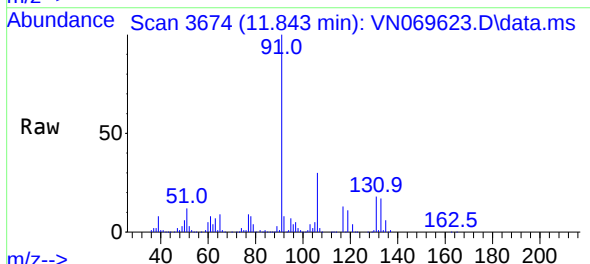
Manual Integrations
APPROVED

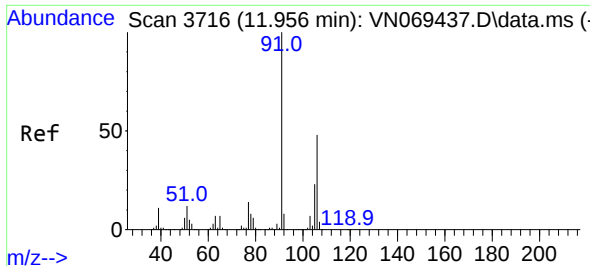
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#66
Ethyl Benzene
Concen: 22.229 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.005 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Tgt Ion: 91 Resp: 1368597
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0





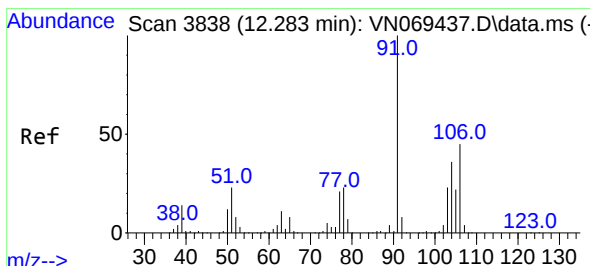
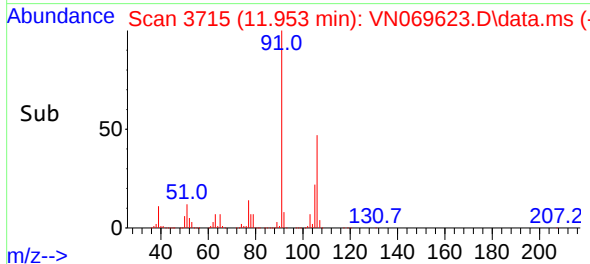
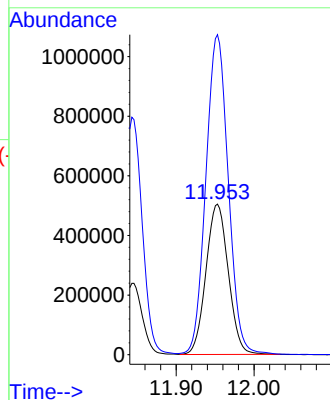
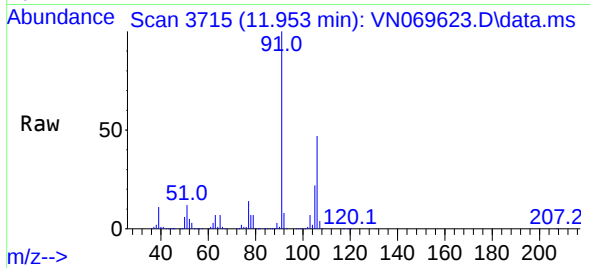
#67
m/p-Xylenes
Concen: 44.046 ug/l
RT: 11.953 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion:106 Resp: 1007229
Ion Ratio Lower Upper
106 100
91 213.1 162.9 244.3

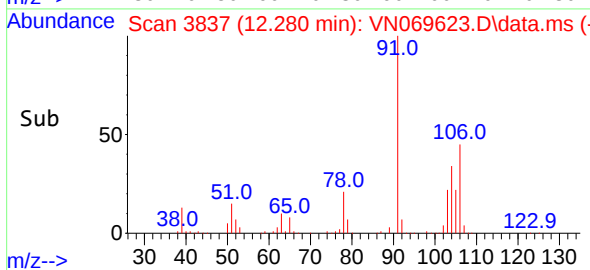
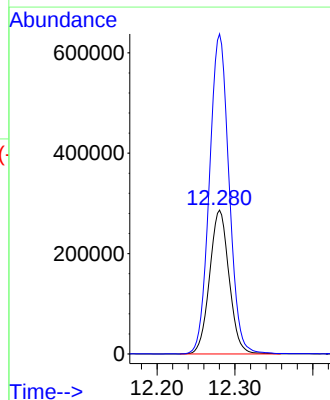
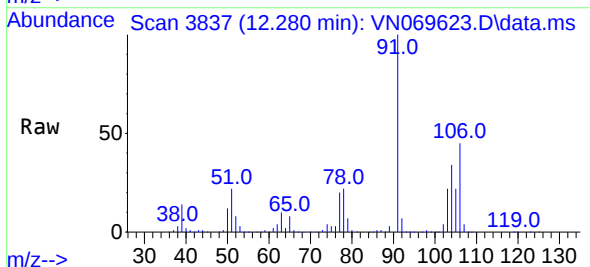
Manual Integrations
APPROVED

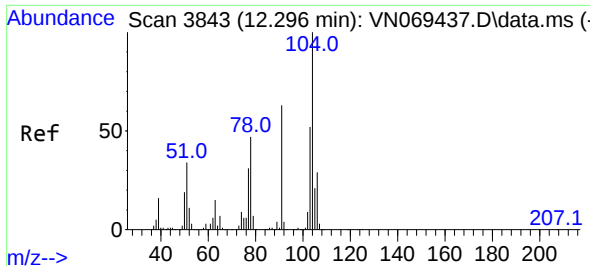
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#68
o-Xylene
Concen: 21.758 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Tgt Ion:106 Resp: 498192
Ion Ratio Lower Upper
106 100
91 224.2 107.7 323.1





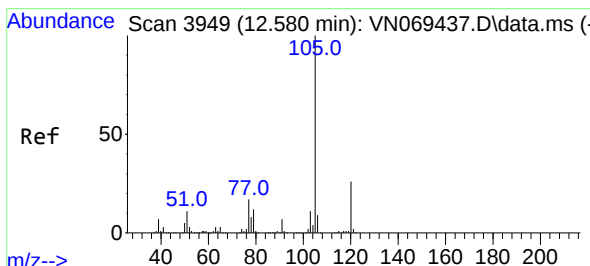
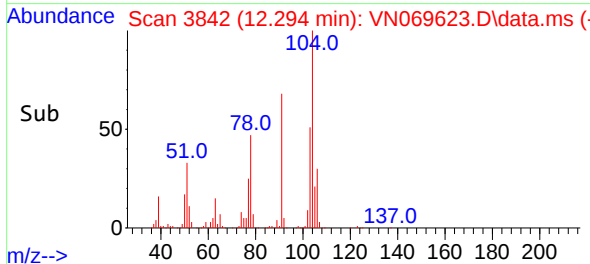
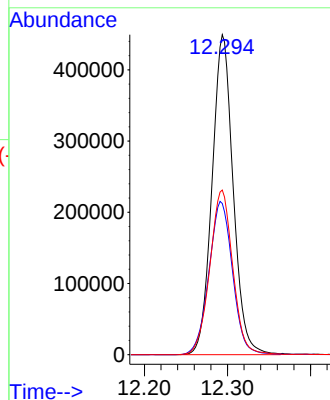
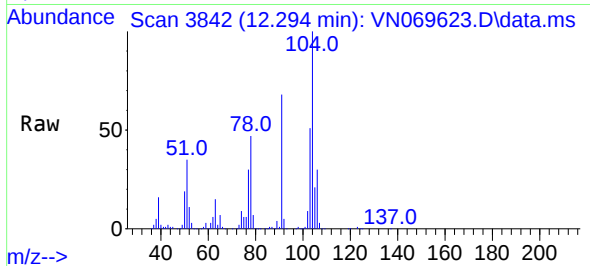
#69
Styrene
Concen: 21.408 ug/l
RT: 12.294 min Scan# 3843
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion:104 Resp: 79468
Ion Ratio Lower Upper
104 100
78 53.6 40.7 61.1
103 55.9 45.8 68.8

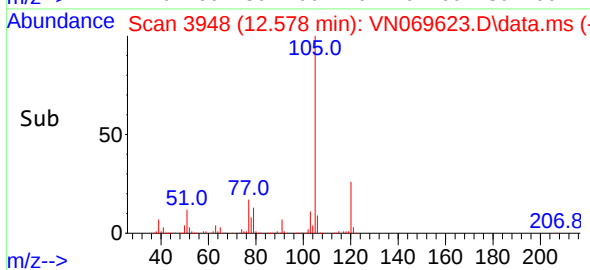
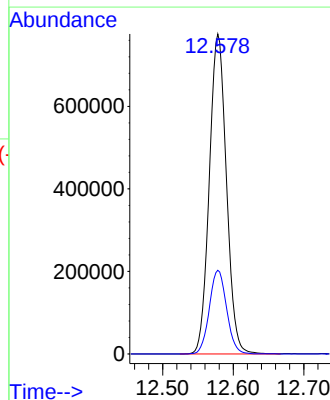
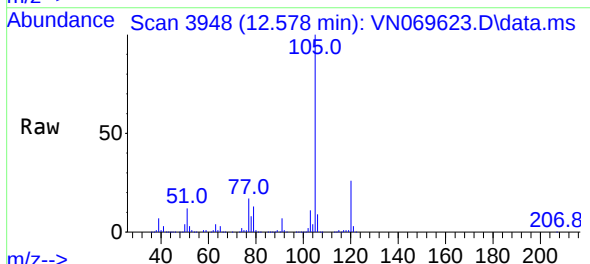
Manual Integrations
APPROVED

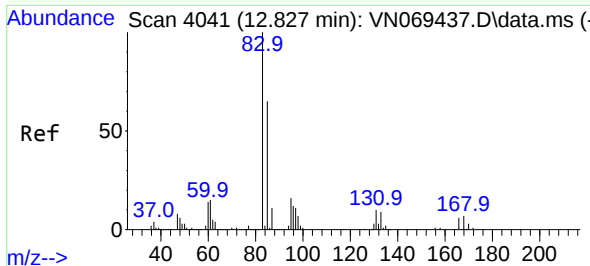
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#70
Isopropylbenzene
Concen: 21.816 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

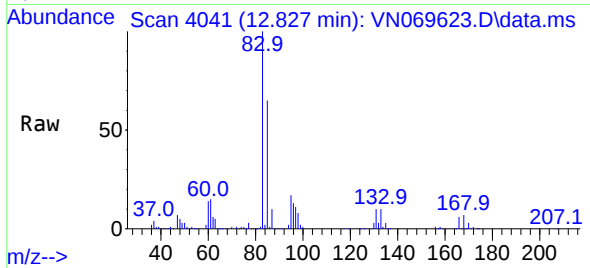
Tgt Ion:105 Resp: 1306352
Ion Ratio Lower Upper
105 100
120 26.4 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 21.180 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

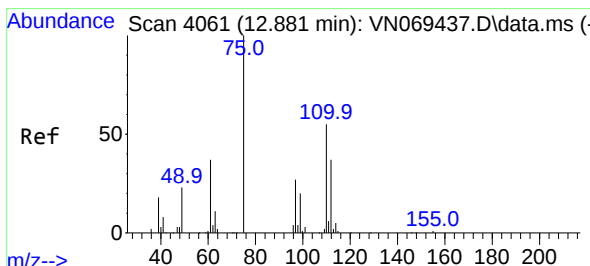
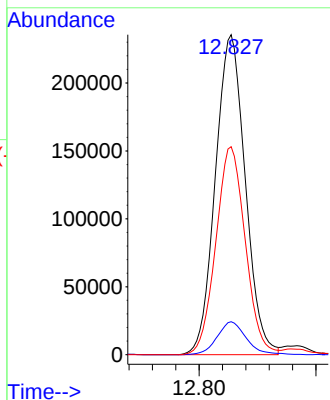
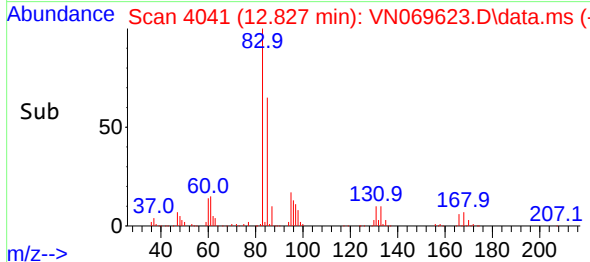
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



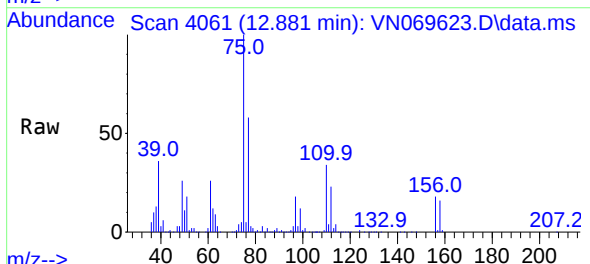
Tgt Ion: 83 Resp: 418512
Ion Ratio Lower Upper
83 100
131 10.1 5.1 15.3
85 63.9 33.1 99.2

Manual Integrations
APPROVED

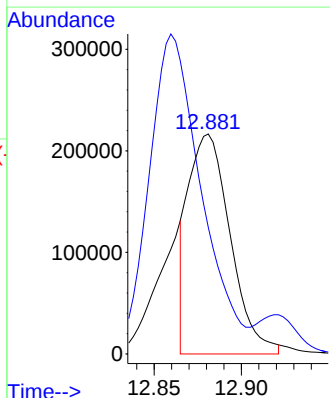
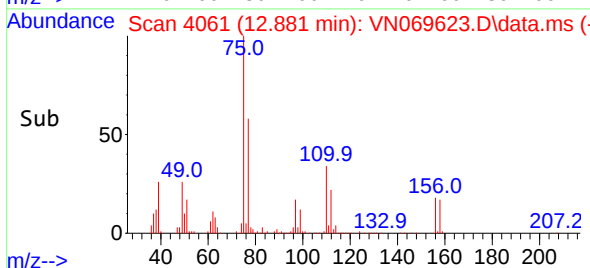
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

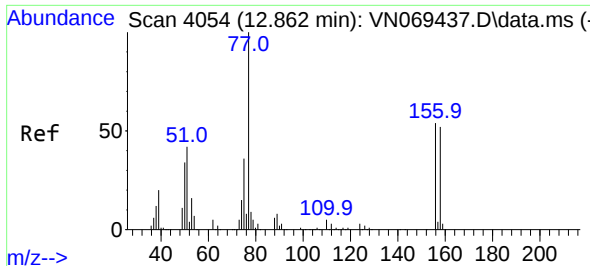


#72
1,2,3-Trichloropropane
Concen: 18.783 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



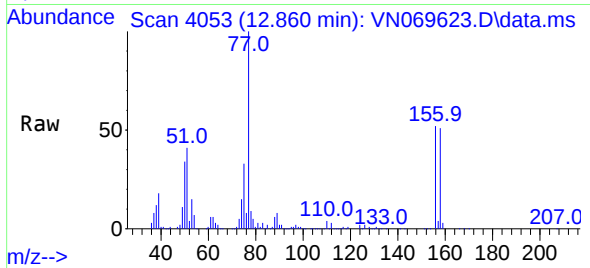
Tgt Ion: 75 Resp: 361557
Ion Ratio Lower Upper
75 100
77 181.8 0.0 378.0





#73
Bromobenzene
Concen: 21.784 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

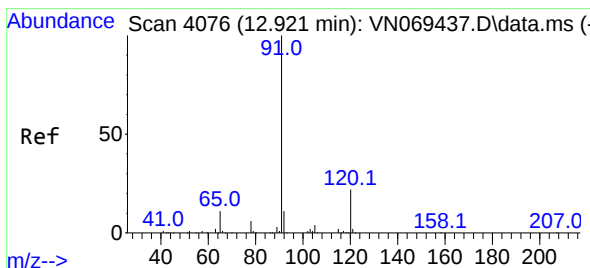
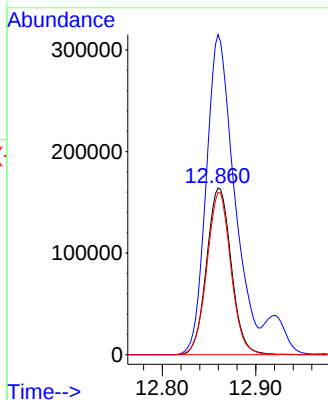
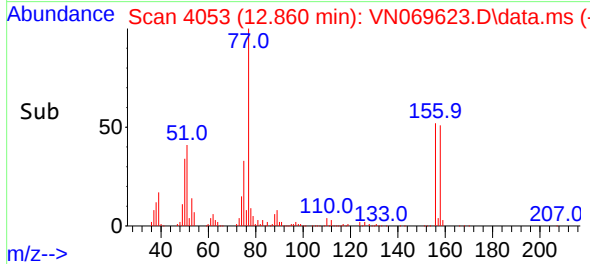
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



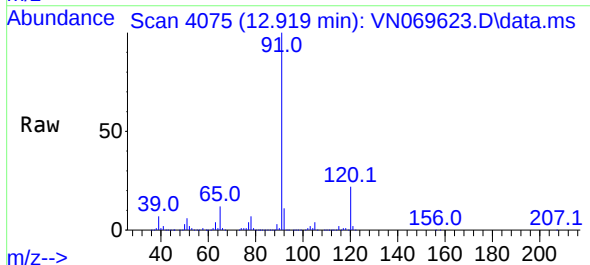
Tgt Ion:156 Resp: 300692
Ion Ratio Lower Upper
156 100
77 218.6 0.0 416.0
158 95.0 0.0 195.4

Manual Integrations
APPROVED

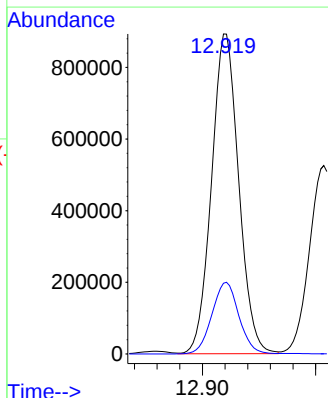
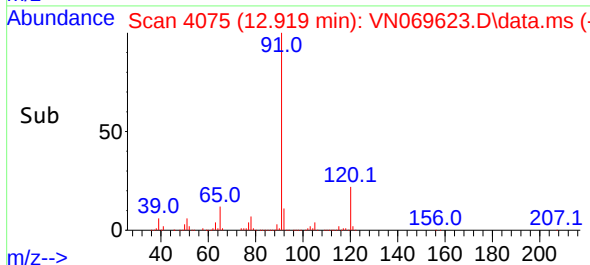
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

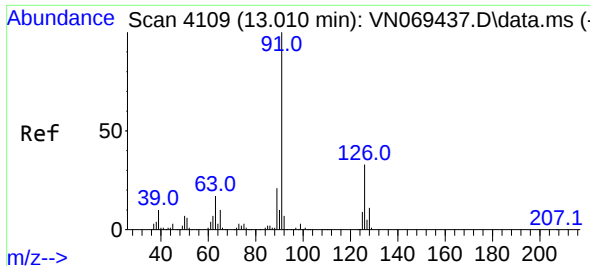


#74
n-propylbenzene
Concen: 21.625 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



Tgt Ion: 91 Resp: 1487149
Ion Ratio Lower Upper
91 100
120 22.3 0.0 45.0





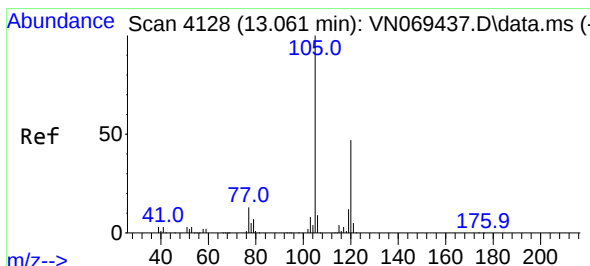
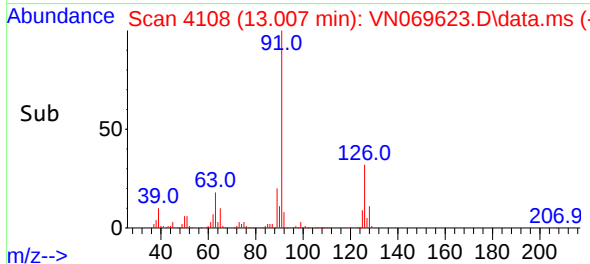
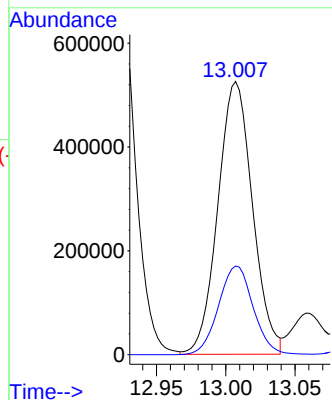
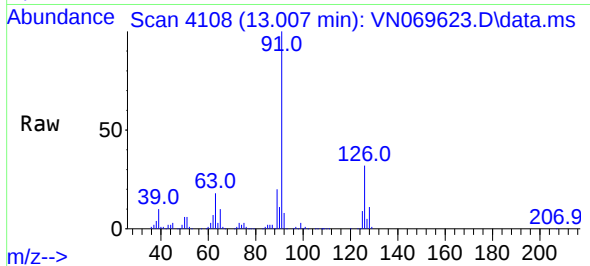
#75
2-Chlorotoluene
Concen: 21.876 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion: 91 Resp: 915809
Ion Ratio Lower Upper
91 100
126 32.6 0.0 69.8

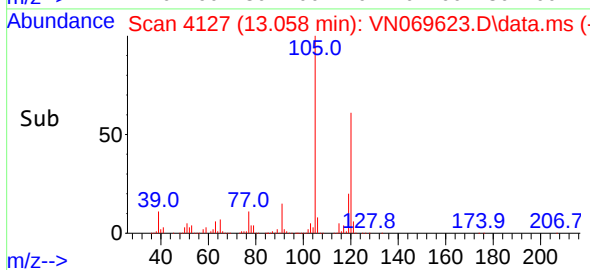
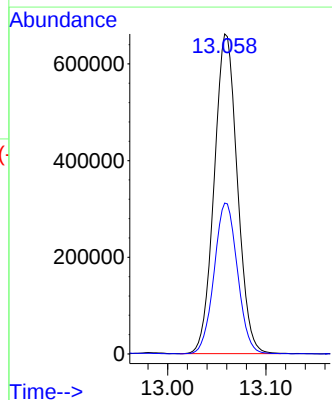
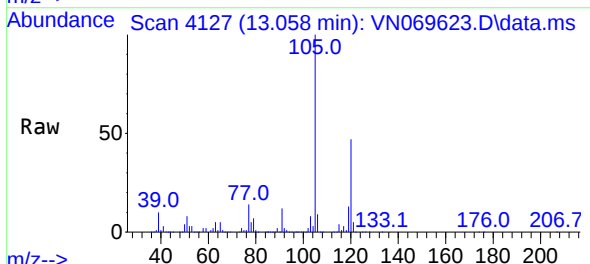
Manual Integrations
APPROVED

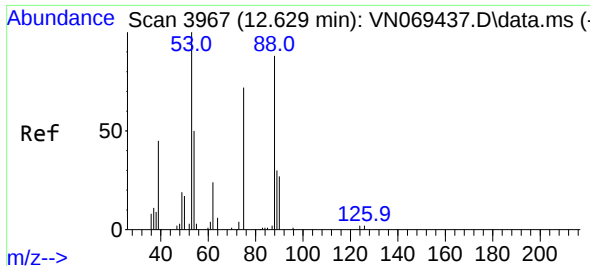
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#76
1,3,5-Trimethylbenzene
Concen: 22.054 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

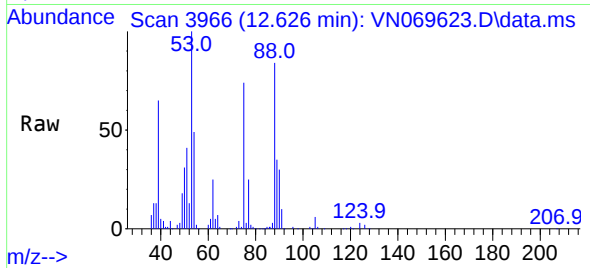
Tgt Ion:105 Resp: 1083931
Ion Ratio Lower Upper
105 100
120 47.6 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 16.999 ug/l
RT: 12.626 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

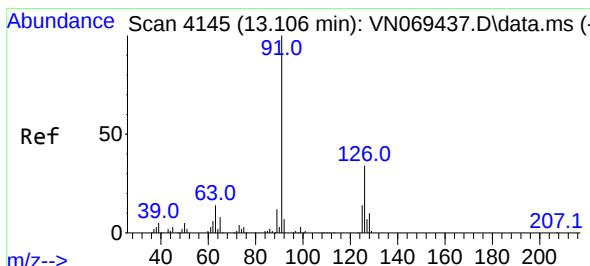
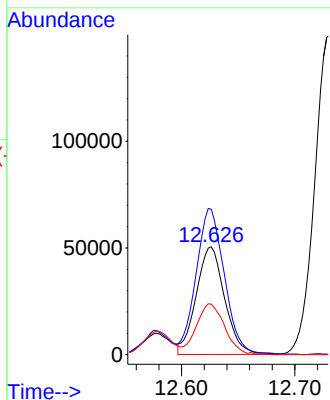
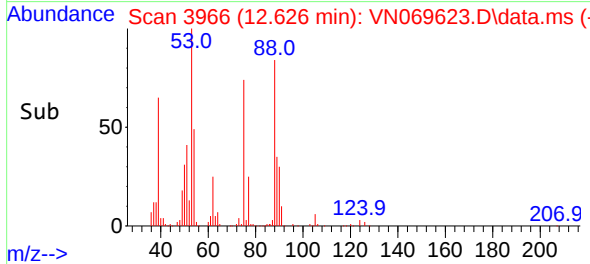
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



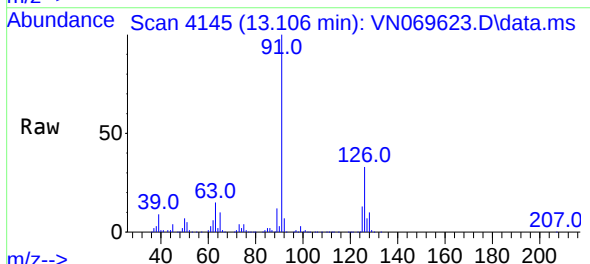
Tgt Ion: 75 Resp: 88328
Ion Ratio Lower Upper
75 100
53 134.8 51.8 155.5
89 47.2 22.9 68.7

Manual Integrations
APPROVED

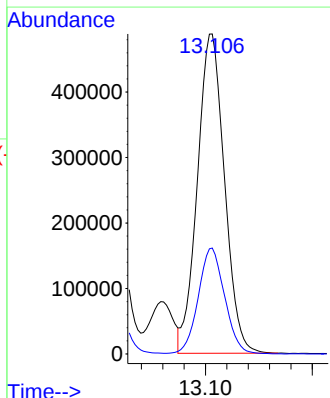
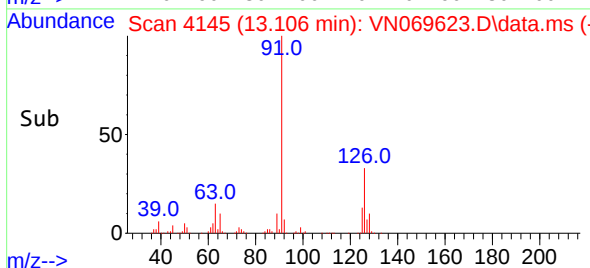
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

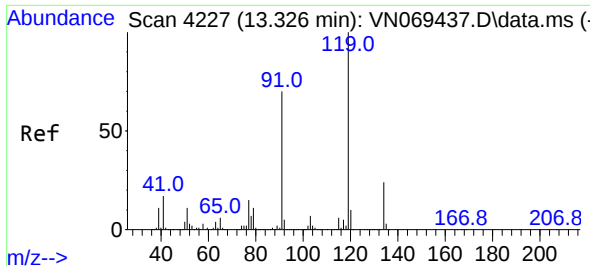


#78
4-Chlorotoluene
Concen: 21.425 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



Tgt Ion: 91 Resp: 858953
Ion Ratio Lower Upper
91 100
126 32.4 0.0 70.6





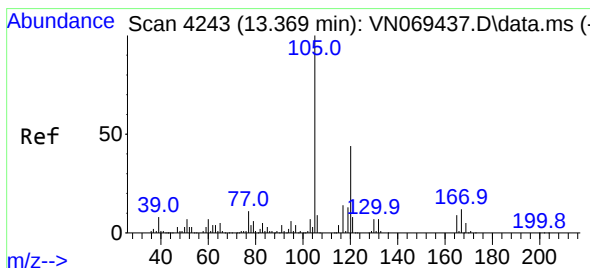
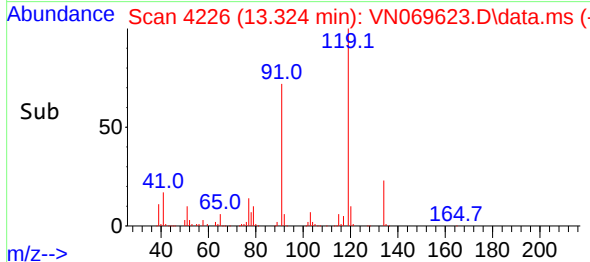
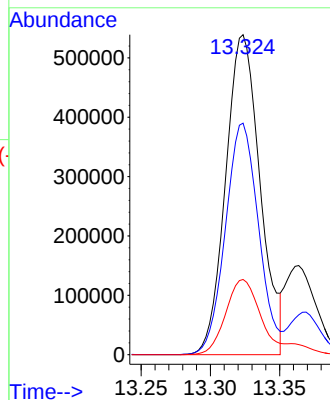
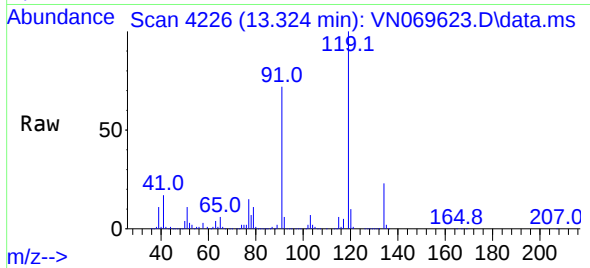
#79
tert-butylbenzene
Concen: 21.623 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion:119 Resp: 934838
Ion Ratio Lower Upper
119 100
91 69.4 0.0 137.0
134 23.6 0.0 47.6

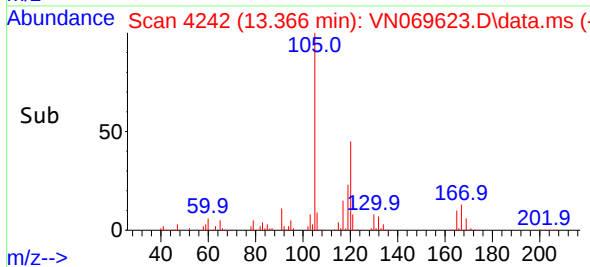
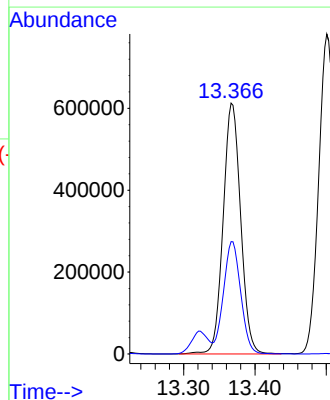
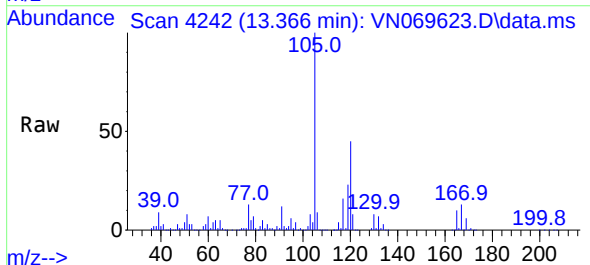
Manual Integrations
APPROVED

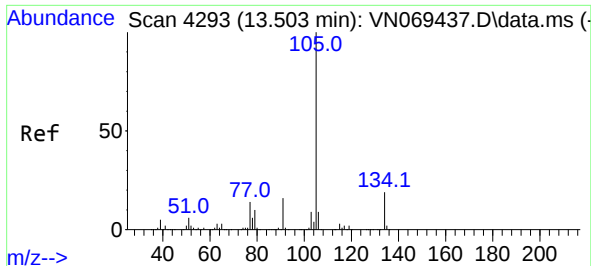
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#80
1,2,4-Trimethylbenzene
Concen: 21.759 ug/l m
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Tgt Ion:105 Resp: 1043207
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2





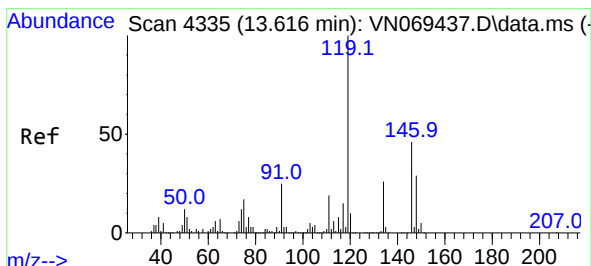
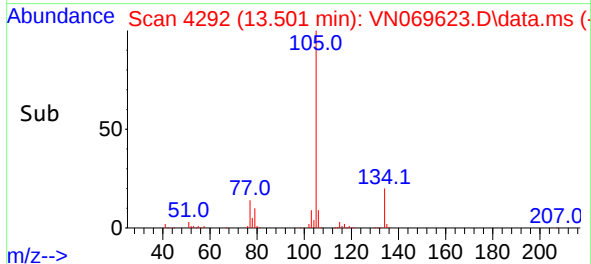
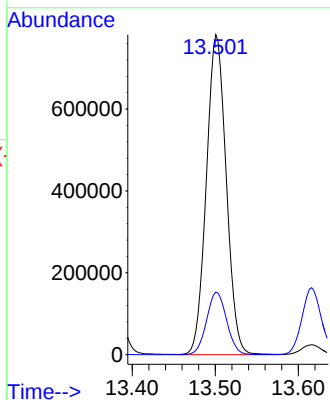
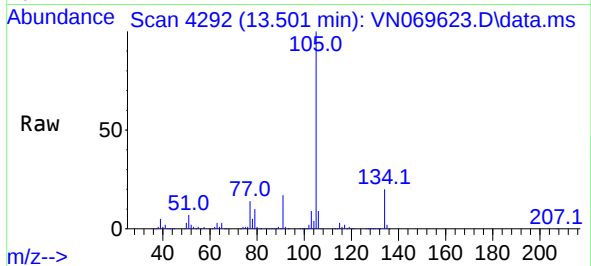
#81
 sec-Butylbenzene
 Concen: 21.470 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN069623.D
 Acq: 23 Nov 2021 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1123WBS01

Tgt Ion:105 Resp: 129877
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

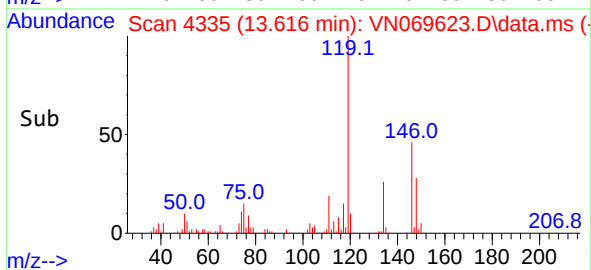
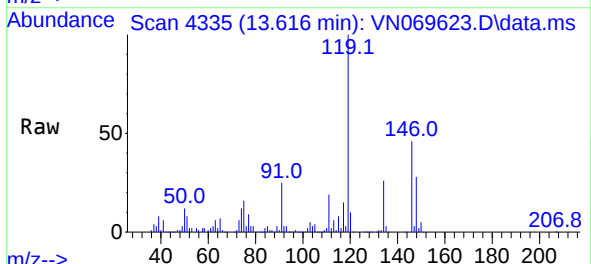
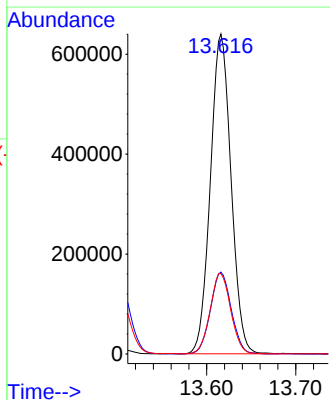
Manual Integrations
 APPROVED

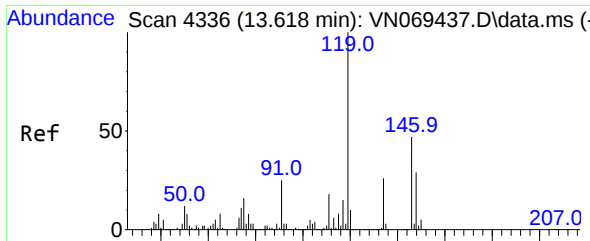
Reviewed By :John Carlone 11/24/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#82
 p-Isopropyltoluene
 Concen: 21.372 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.003 min
 Lab File: VN069623.D
 Acq: 23 Nov 2021 12:57

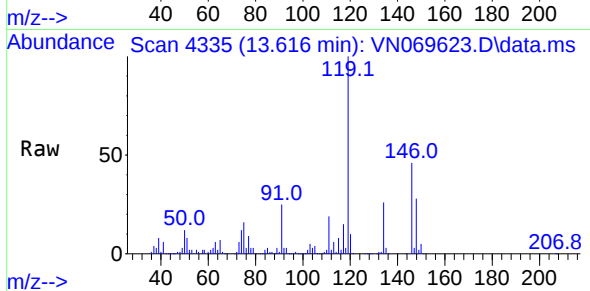
Tgt Ion:119 Resp: 1031559
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.8
 91 25.0 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 21.478 ug/l
RT: 13.616 min Scan# 4336
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

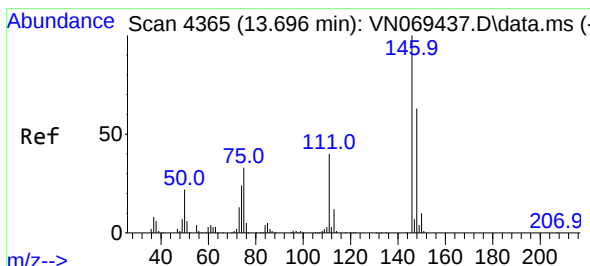
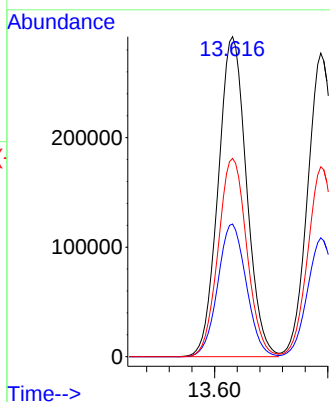
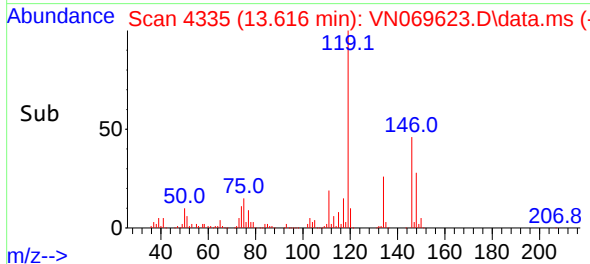
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



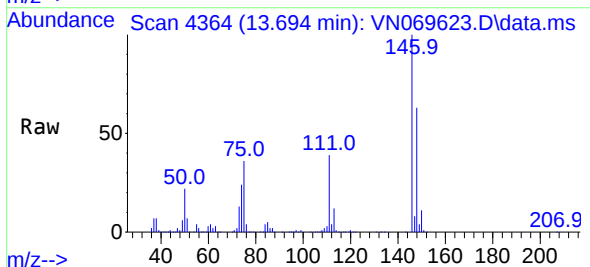
Tgt Ion:146 Resp: 506894
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.2
148 62.9 31.4 94.3

Manual Integrations
APPROVED

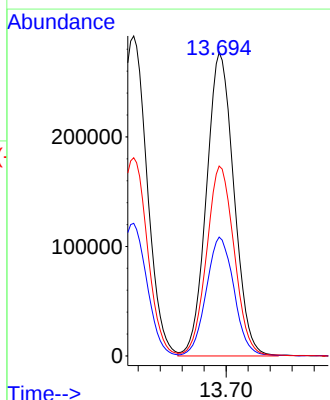
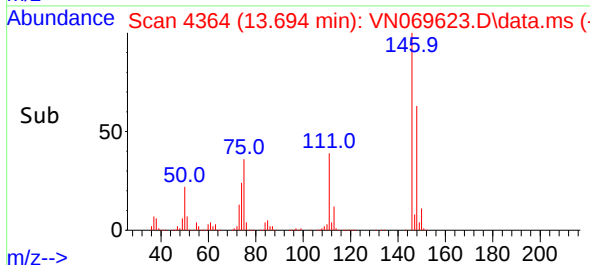
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

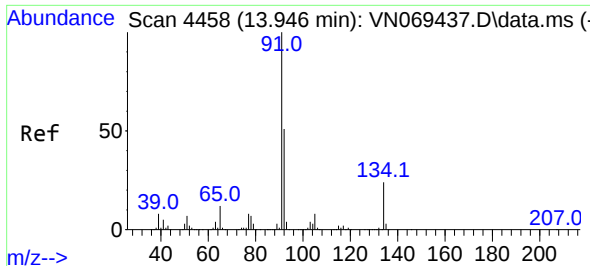


#84
1,4-Dichlorobenzene
Concen: 20.991 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



Tgt Ion:146 Resp: 480593
Ion Ratio Lower Upper
146 100
111 39.2 19.5 58.5
148 62.3 31.1 93.5





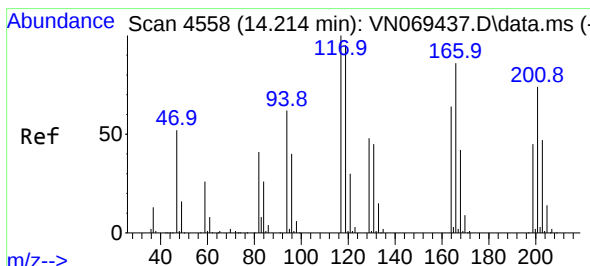
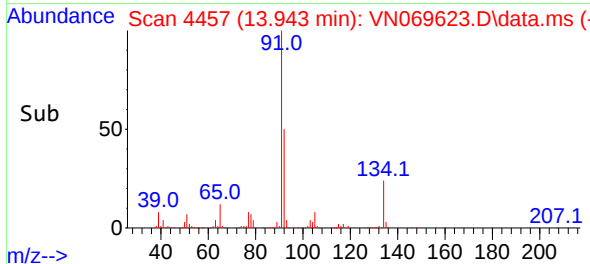
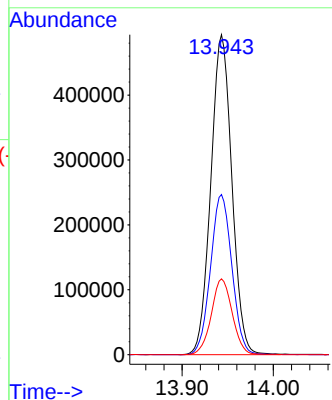
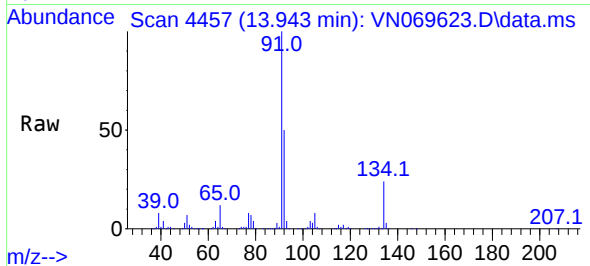
#85
n-Butylbenzene
Concen: 19.614 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion: 91 Resp: 790120
Ion Ratio Lower Upper
91 100
92 50.9 0.0 100.6
134 23.6 0.0 50.2

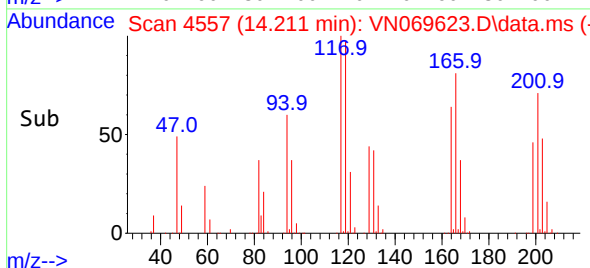
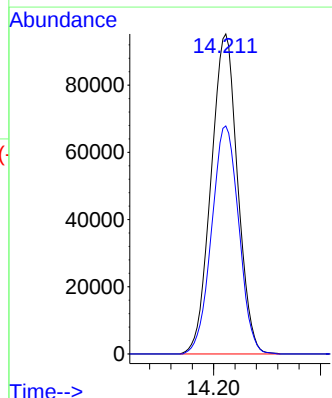
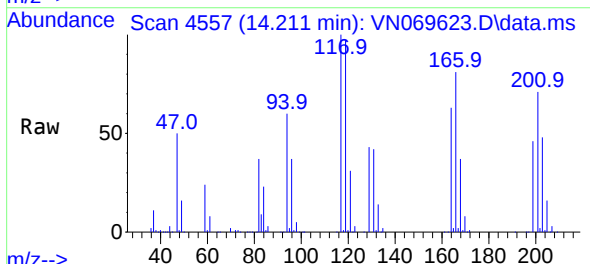
Manual Integrations
APPROVED

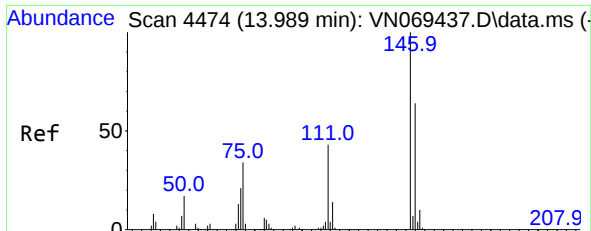
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#86
Hexachloroethane
Concen: 20.597 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

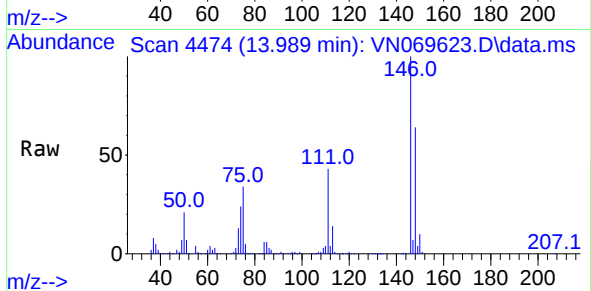
Tgt Ion:117 Resp: 164530
Ion Ratio Lower Upper
117 100
201 72.9 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 21.294 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

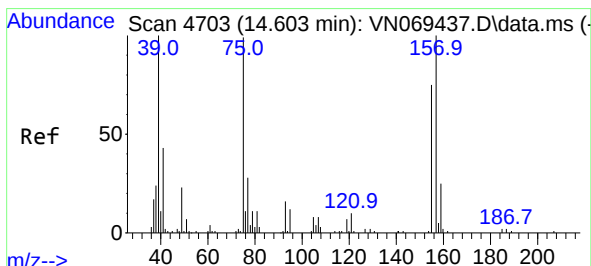
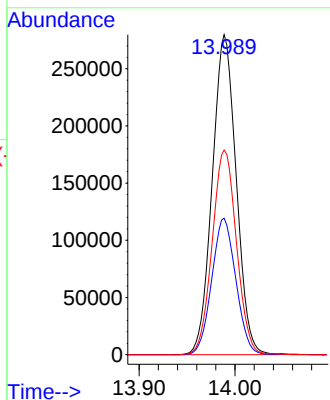
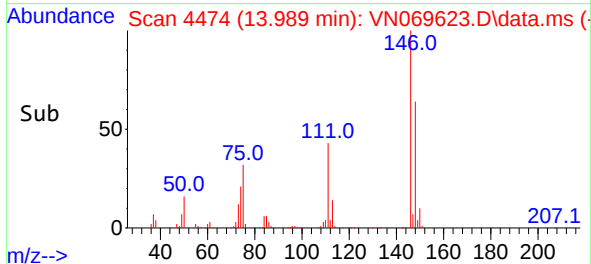
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



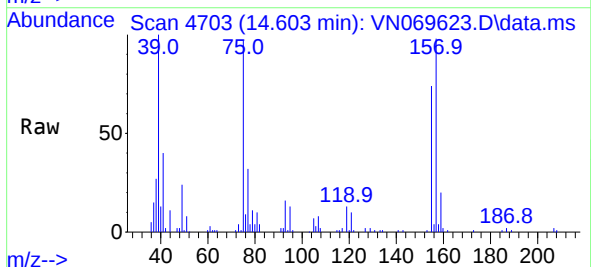
Tgt Ion:146 Resp: 48502
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.2
148 65.0 32.5 97.4

Manual Integrations
APPROVED

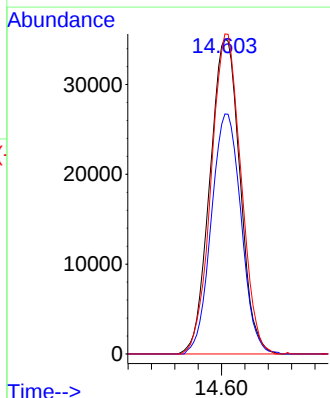
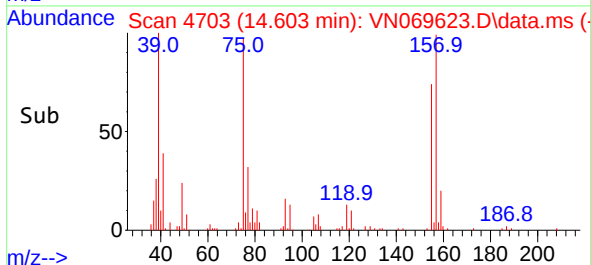
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

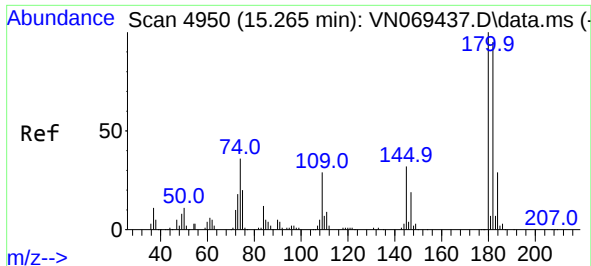


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.154 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



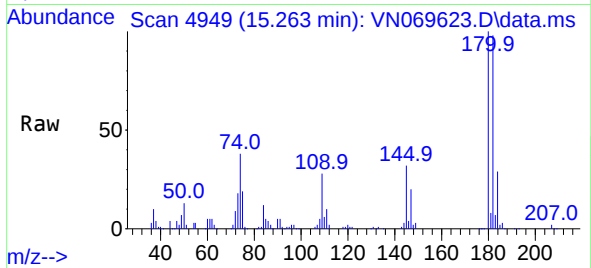
Tgt Ion: 75 Resp: 62793
Ion Ratio Lower Upper
75 100
155 75.4 63.8 95.8
157 100.3 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.409 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

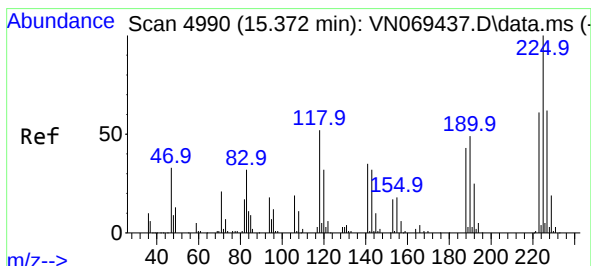
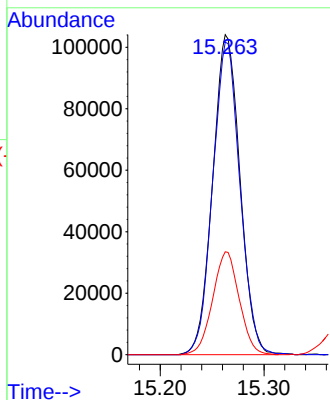
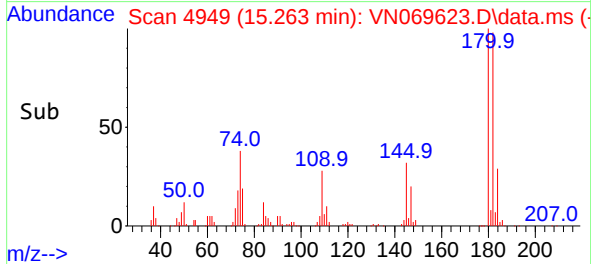
Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01



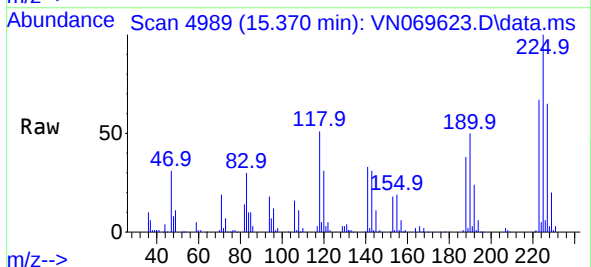
Tgt Ion:180 Resp: 190128
Ion Ratio Lower Upper
180 100
182 97.0 77.7 116.5
145 31.2 26.6 39.8

Manual Integrations
APPROVED

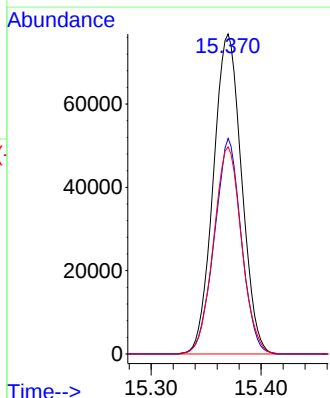
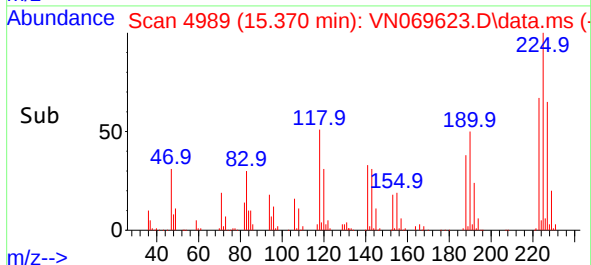
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021

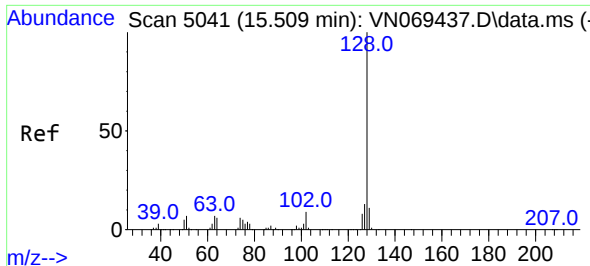


#90
Hexachlorobutadiene
Concen: 23.198 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57



Tgt Ion:225 Resp: 137005
Ion Ratio Lower Upper
225 100
223 64.4 0.0 126.8
227 64.2 0.0 123.0





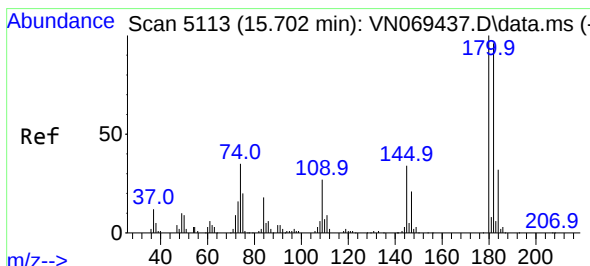
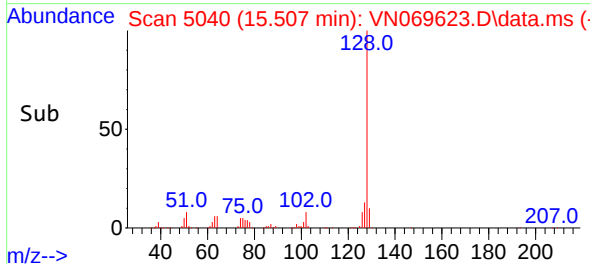
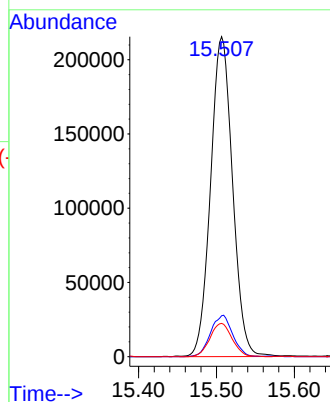
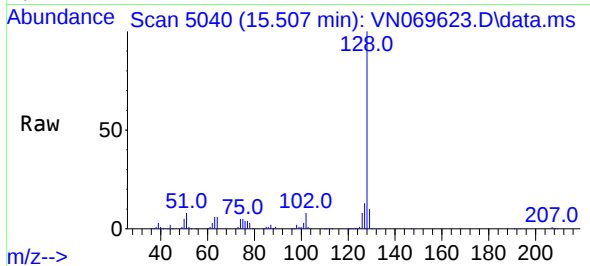
#91
Naphthalene
Concen: 13.420 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1123WBS01

Tgt Ion:128 Resp: 422200
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.6 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#92
1,2,3-Trichlorobenzene
Concen: 16.881 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN069623.D
Acq: 23 Nov 2021 12:57

Tgt Ion:180 Resp: 181234
Ion Ratio Lower Upper
180 100
182 96.4 0.0 190.0
145 32.8 0.0 67.8

