

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070031.D
 Acq On : 13 Dec 2021 13:46
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN121321

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

Quant Time: Dec 14 05:26:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.656	128	185752	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	1029211	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.744	117	931764	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	493511	29.980	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.933%		
60) 4-Bromofluorobenzene	12.731	95	456227	29.757	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.200%		
63) Toluene-d8	10.440	98	1306181	30.335	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.133%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	274523	20.365	ug/l	99
3) Chloromethane	2.306	50	310712	20.124	ug/l	94
4) Vinyl Chloride	2.451	62	287210	19.769	ug/l	100
5) Bromomethane	2.874	94	163465	20.583	ug/l	100
6) Chloroethane	3.027	64	164797	19.756	ug/l	98
7) Trichlorofluoromethane	3.381	101	370056	19.510	ug/l	97
8) Diethyl Ether	3.824	74	142653	18.955	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.213	101	219527	19.705	ug/l	# 70
10) 1,1-Dichloroethene	4.183	96	204365	19.285	ug/l	84
11) Methyl Iodide	4.422	142	263385	17.762	ug/l	99
12) Methyl Acetate	4.856	43	488796	18.726	ug/l	# 88
13) Acrolein	4.044	56	190778	90.292	ug/l	98
14) Acrylonitrile	5.554	53	684308	90.796	ug/l	99
15) Acetone	4.285	58	227054	83.023	ug/l	80
16) Carbon Disulfide	4.529	76	633886	19.852	ug/l	97
17) Allyl chloride	4.840	41	454082	19.053	ug/l	89
18) Methylene Chloride	5.095	84	248518	19.455	ug/l	# 85
19) trans-1,2-Dichloroethene	5.599	96	222300	19.750	ug/l	# 84
20) Diisopropyl ether	6.495	45	882088	19.325	ug/l	# 95
21) 1,1-Dichloroethane	6.388	63	458999	19.076	ug/l	98
22) cis-1,2-Dichloroethene	7.324	96	254477	19.102	ug/l	90
23) tert-Butyl Alcohol	5.371	59	202256	84.893	ug/l	# 100
24) Methyl tert-Butyl Ether	5.615	73	725977	19.292	ug/l	95
25) Chloroform	7.817	83	456585	19.099	ug/l	100
26) Cyclohexane	8.094	56	426018	19.127	ug/l	# 85
29) 1,1-Dichloropropene	8.220	75	342500	19.327	ug/l	95
30) 2-Butanone	7.335	43	1043778	85.608	ug/l	# 91
31) 2,2-Dichloropropane	7.324	77	354257	19.116	ug/l	97
32) 1,1,1-Trichloroethane	8.013	97	389562	18.981	ug/l	94
33) Carbon Tetrachloride	8.206	117	349933	19.181	ug/l	100
34) Benzene	8.458	78	994335	18.979	ug/l	# 94
35) Methacrylonitrile	7.638	41	203684	18.060	ug/l	88
36) 1,2-Dichloroethane	8.528	62	397170	19.204	ug/l	98
37) Trichloroethene	9.215	130	237966	19.096	ug/l	92
38) Methylcyclohexane	9.459	83	400405	19.008	ug/l	88
39) 1,2-Dichloropropane	9.488	63	263659	18.876	ug/l	100
40) Dibromomethane	9.577	93	175750	19.075	ug/l	96
41) Bromodichloromethane	9.759	83	367036	18.839	ug/l	94
42) Vinyl Acetate	6.433	43	3407571	95.141	ug/l	# 94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070031.D
 Acq On : 13 Dec 2021 13:46
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121321

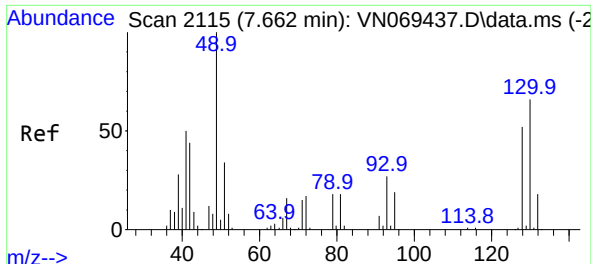
Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

Quant Time: Dec 14 05:26:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	395238	18.663	ug/l	100
44) Isopropyl Acetate	8.560	43	627013	18.394	ug/l	96
45) 1,4-Dioxane	9.566	88	94164	390.353	ug/l #	83
46) Methyl methacrylate	9.558	41	290793	18.012	ug/l	80
47) n-amyl Acetate	12.387	43	420009	17.668	ug/l	100
48) t-1,3-Dichloropropene	10.719	75	354764	18.105	ug/l	99
49) cis-1,3-Dichloropropene	10.188	75	397428	18.689	ug/l	92
50) 1,1,2-Trichloroethane	10.896	97	234189	18.700	ug/l	96
51) Ethyl methacrylate	10.759	69	364171	18.194	ug/l	89
52) 1,3-Dichloropropane	11.044	76	411895	18.575	ug/l	98
53) Dibromochloromethane	11.237	129	258564	18.380	ug/l	98
54) 1,2-Dibromoethane	11.344	107	237715	18.630	ug/l	98
55) 2-Chloroethyl vinyl ether	10.041	63	327476	83.456	ug/l	96
56) Bromoform	12.457	173	192721	17.993	ug/l #	100
58) 4-Methyl-2-Pentanone	10.330	43	2000320	93.534	ug/l #	93
59) 2-Hexanone	11.084	43	1433824	90.688	ug/l	94
61) Tetrachloroethene	10.977	164	209266	19.229	ug/l	96
62) Toluene	10.505	91	1055761	19.267	ug/l	98
64) Chlorobenzene	11.768	112	624281	19.196	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.840	131	233801	19.087	ug/l	100
66) Ethyl Benzene	11.843	91	1157821	19.005	ug/l	100
67) m/p-Xylenes	11.953	106	855818	38.451	ug/l	94
68) o-Xylene	12.280	106	415729	18.878	ug/l	94
69) Styrene	12.294	104	678408	18.900	ug/l	97
70) Isopropylbenzene	12.578	105	1106181	19.145	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.825	83	358637	18.925	ug/l	98
72) 1,2,3-Trichloropropane	12.878	75	295822m	16.775	ug/l	
73) Bromobenzene	12.859	156	256867	19.156	ug/l	93
74) n-propylbenzene	12.918	91	1283094	19.159	ug/l	98
75) 2-Chlorotoluene	13.007	91	782446	19.093	ug/l	95
76) 1,3,5-Trimethylbenzene	13.058	105	903013	19.022	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	97817	17.640	ug/l	90
78) 4-Chlorotoluene	13.103	91	749649	19.075	ug/l	94
79) tert-butylbenzene	13.323	119	768151	18.645	ug/l	99
80) 1,2,4-Trimethylbenzene	13.369	105	881562m	19.204	ug/l	
81) sec-Butylbenzene	13.500	105	1079250	18.773	ug/l	100
82) p-Isopropyltoluene	13.616	119	859944	18.776	ug/l	100
83) 1,3-Dichlorobenzene	13.616	146	440219	19.411	ug/l	99
84) 1,4-Dichlorobenzene	13.694	146	421912	19.341	ug/l	99
85) n-Butylbenzene	13.943	91	696582	18.204	ug/l	99
86) Hexachloroethane	14.211	117	164802	18.036	ug/l	87
87) 1,2-Dichlorobenzene	13.989	146	424895	19.502	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.605	75	68148	18.799	ug/l	94
89) 1,2,4-Trichlorobenzene	15.262	180	197363	19.472	ug/l	99
90) Hexachlorobutadiene	15.367	225	124110	20.574	ug/l	99
91) Naphthalene	15.507	128	528525	22.136	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	195997	20.467	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.656 min Scan# 2115
Delta R.T. -0.001 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

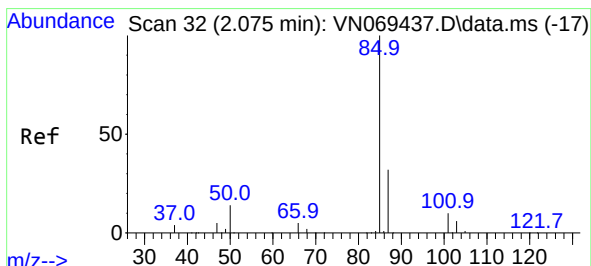
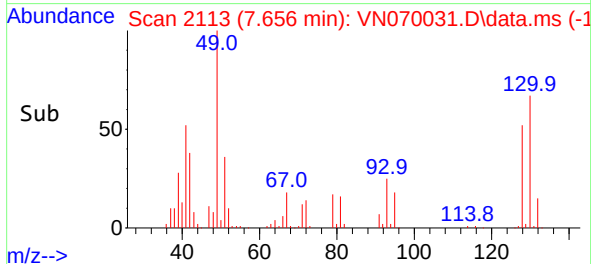
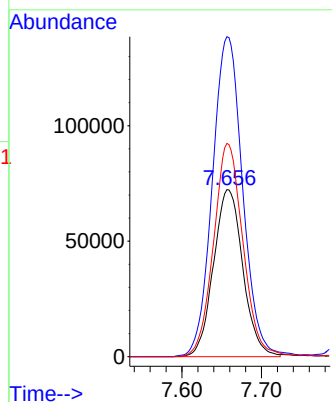
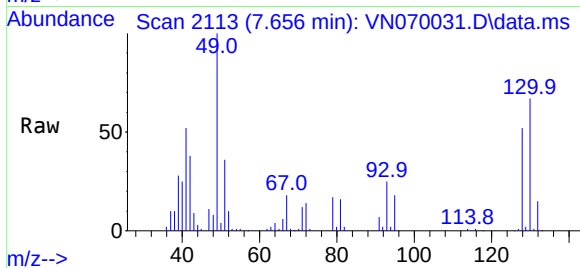
ICVVN121321

Tgt Ion:128 Resp: 185752
Ion Ratio Lower Upper
128 100
49 197.5 0.0 392.3
130 128.1 0.0 320.2

Manual Integrations

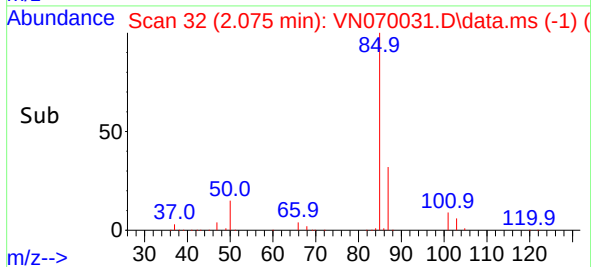
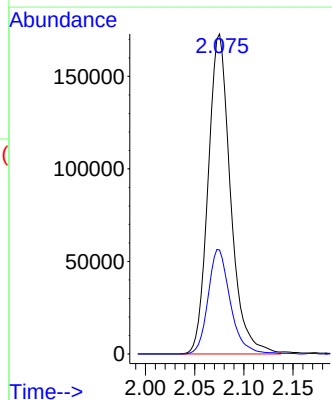
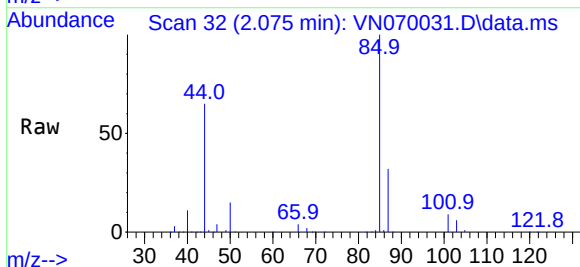
APPROVED

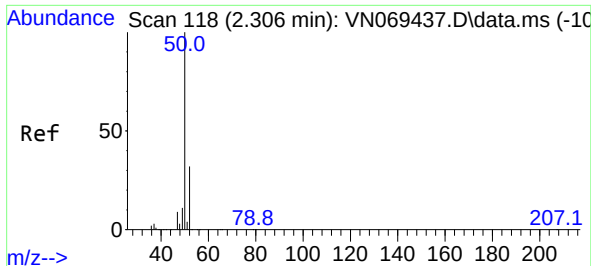
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#2
Dichlorodifluoromethane
Concen: 20.365 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

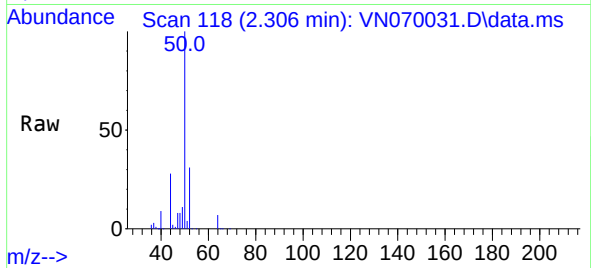
Tgt Ion: 85 Resp: 274523
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.7





#3
Chloromethane
Concen: 20.124 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

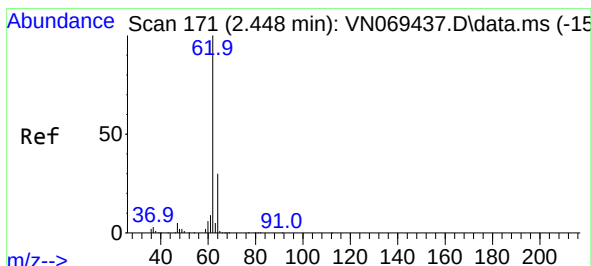
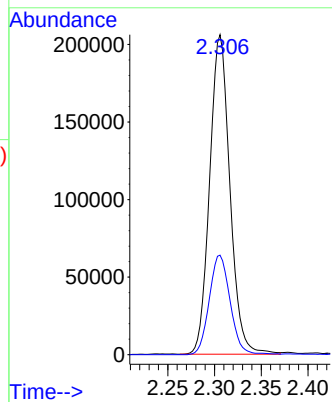
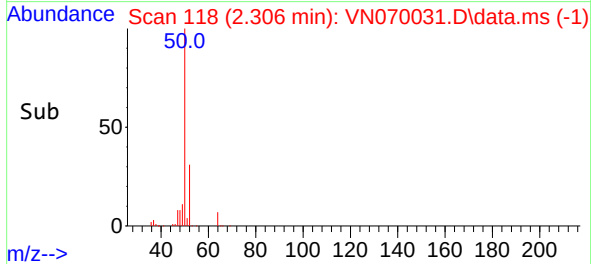
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321



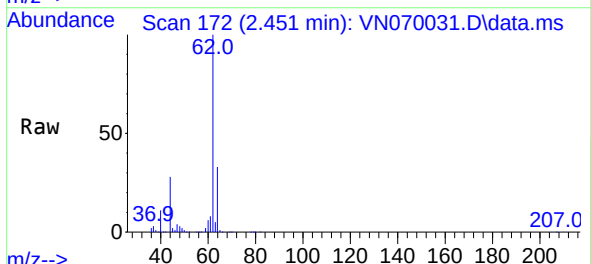
Tgt Ion: 50 Resp: 31071
Ion Ratio Lower Upper
50 100
52 31.2 27.8 41.6

Manual Integrations
APPROVED

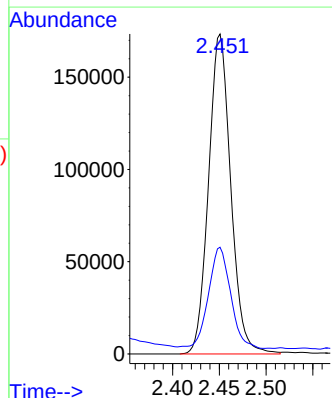
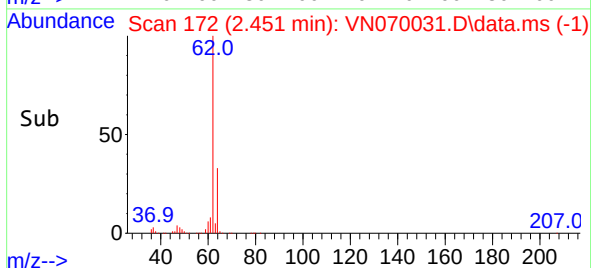
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

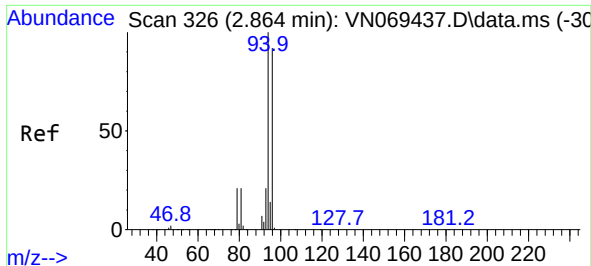


#4
Vinyl Chloride
Concen: 19.769 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



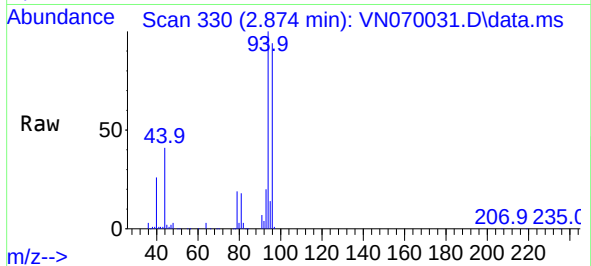
Tgt Ion: 62 Resp: 287210
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5
Bromomethane
Concen: 20.583 ug/l
RT: 2.874 min Scan# 31
Delta R.T. 0.019 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

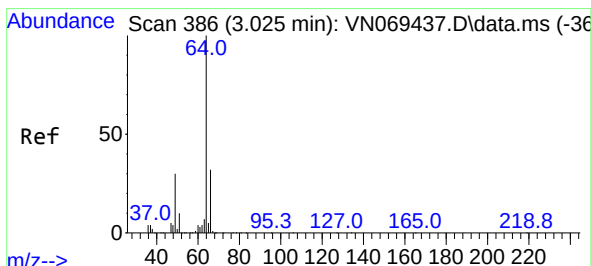
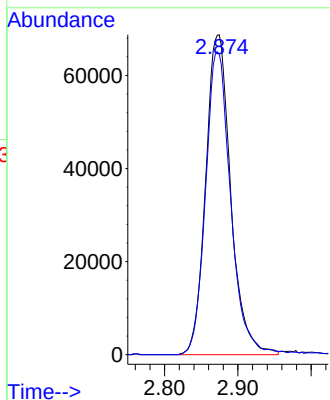
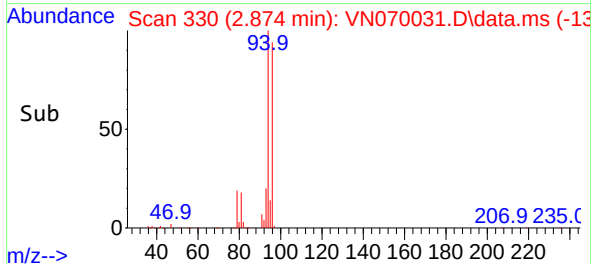
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121321



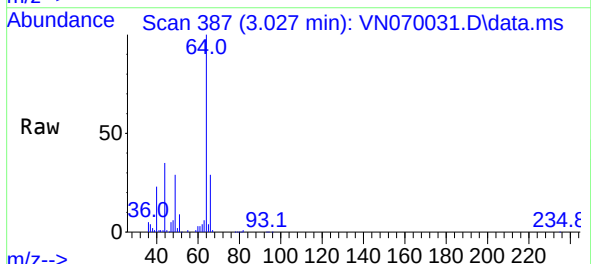
Tgt Ion: 94 Resp: 16346
Ion Ratio Lower Upper
94 100
96 94.1 75.2 112.8

Manual Integrations
APPROVED

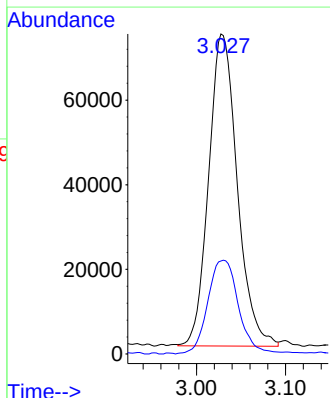
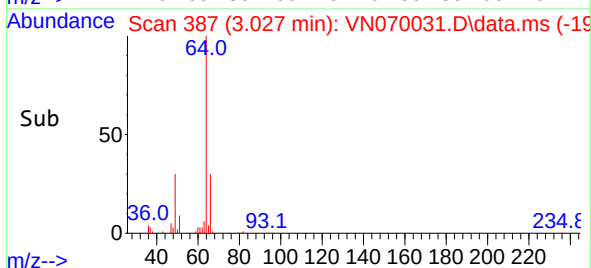
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

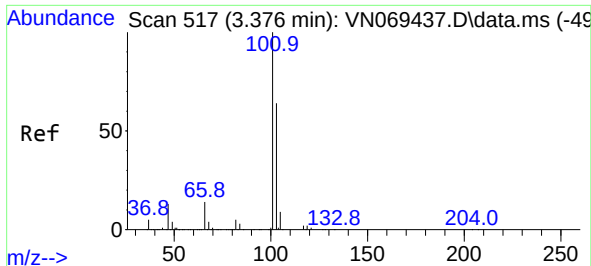


#6
Chloroethane
Concen: 19.756 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.005 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



Tgt Ion: 64 Resp: 164797
Ion Ratio Lower Upper
64 100
66 29.7 24.6 36.8





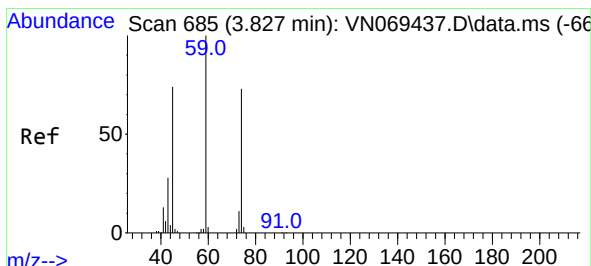
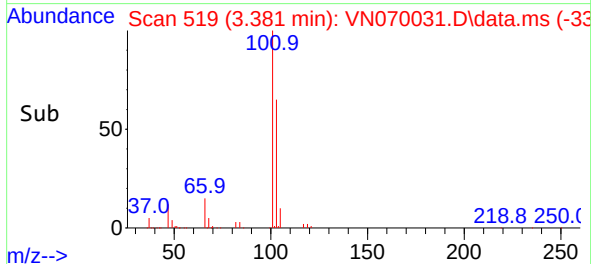
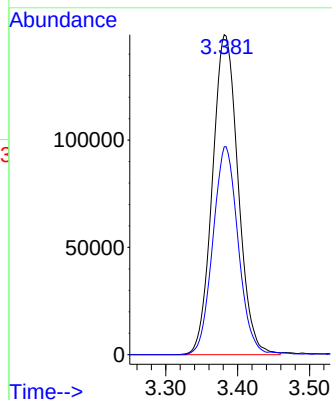
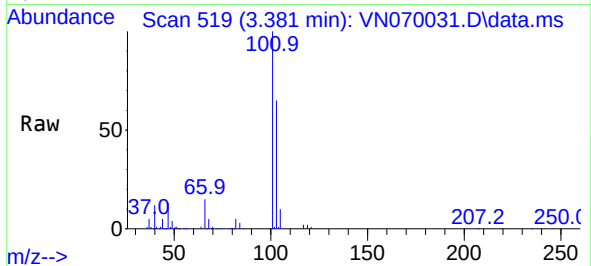
#7
Trichlorofluoromethane
Concen: 19.510 ug/l
RT: 3.381 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121321

Tgt Ion:101 Resp: 370050
Ion Ratio Lower Upper
101 100
103 64.9 50.1 75.1

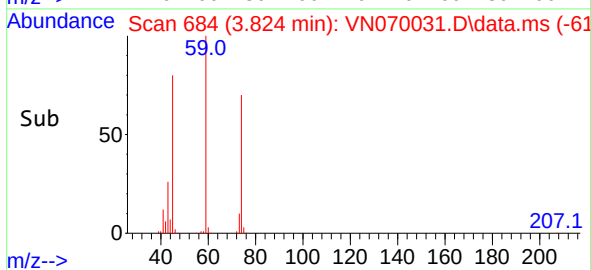
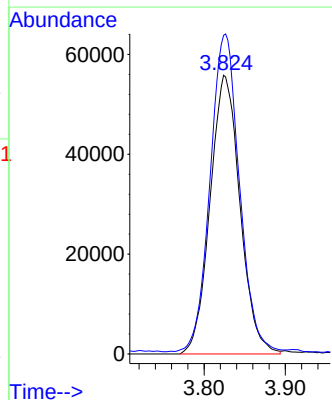
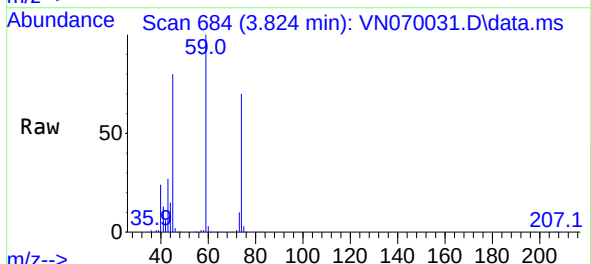
Manual Integrations
APPROVED

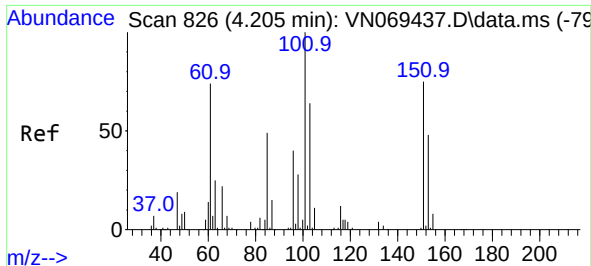
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#8
Diethyl Ether
Concen: 18.955 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion: 74 Resp: 142653
Ion Ratio Lower Upper
74 100
45 111.2 17.6 158.8





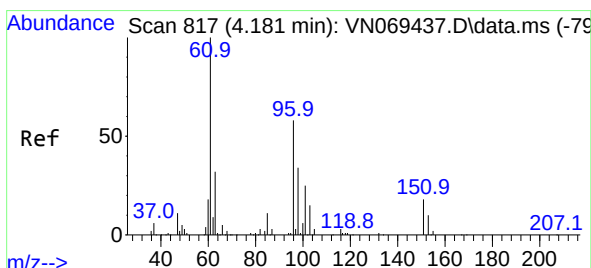
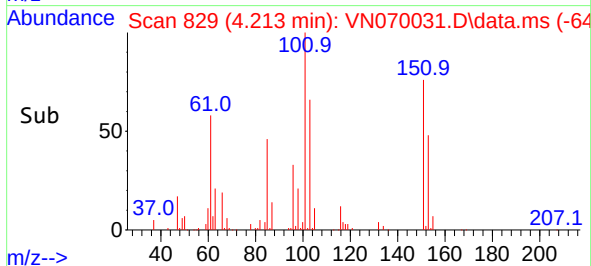
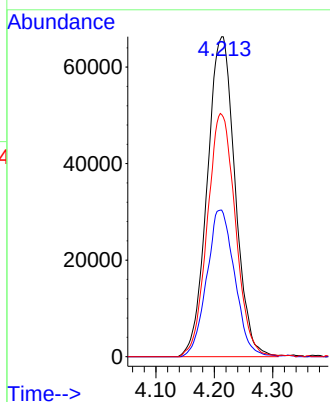
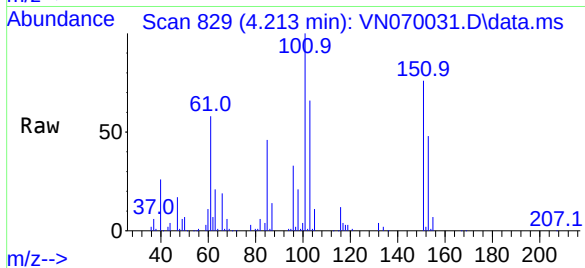
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.705 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121321

Tgt Ion:101 Resp: 21952
Ion Ratio Lower Upper
101 100
85 46.0 0.0 94.0
151 76.7 0.0 74.6

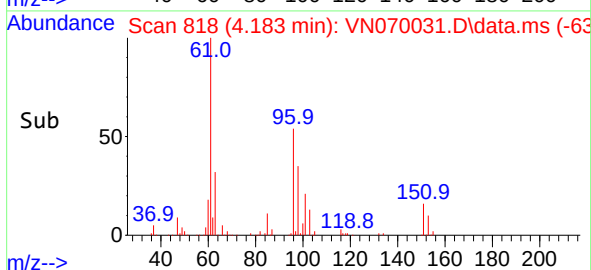
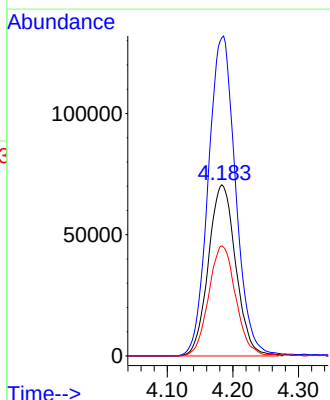
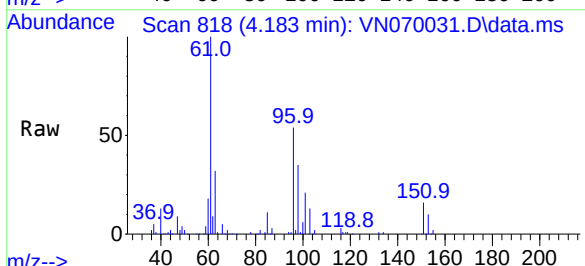
Manual Integrations
APPROVED

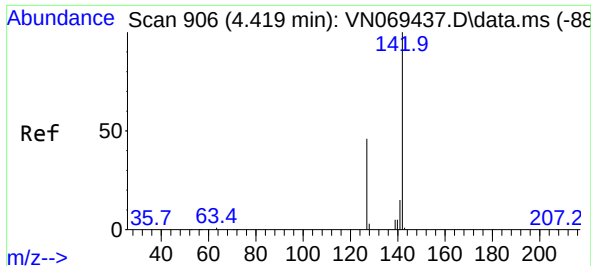
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#10
1,1-Dichloroethene
Concen: 19.285 ug/l
RT: 4.183 min Scan# 818
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

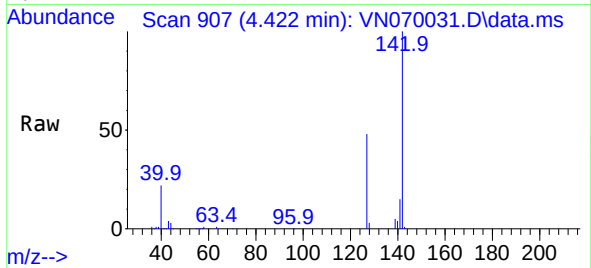
Tgt Ion: 96 Resp: 204365
Ion Ratio Lower Upper
96 100
61 185.9 126.2 189.4
98 64.3 50.9 76.3





#11
Methyl Iodide
Concen: 17.762 ug/l
RT: 4.422 min Scan# 906
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

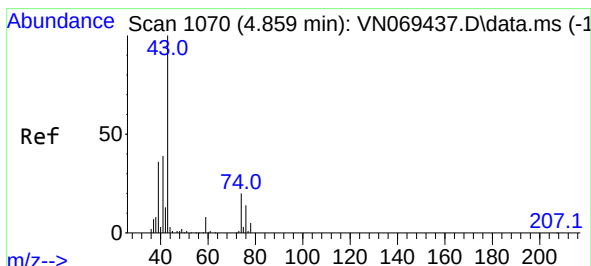
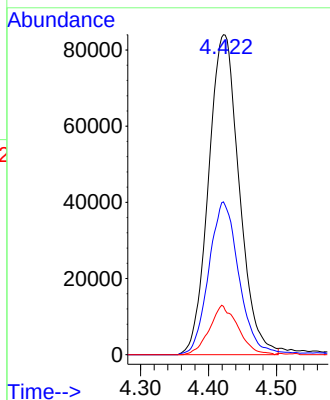
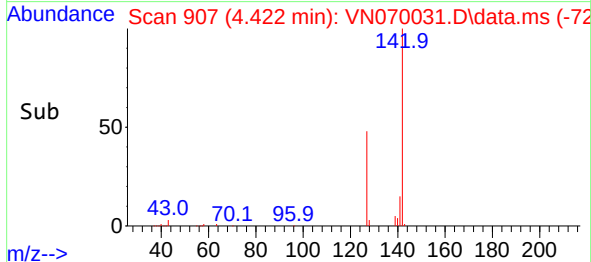
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321



Tgt Ion:142 Resp: 263385
Ion Ratio Lower Upper
142 100
127 47.7 24.0 72.0
141 15.1 8.4 25.2

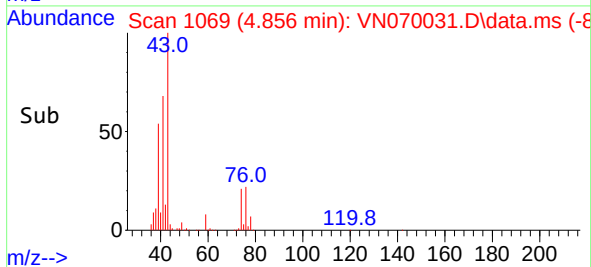
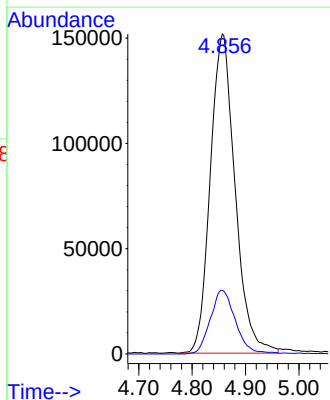
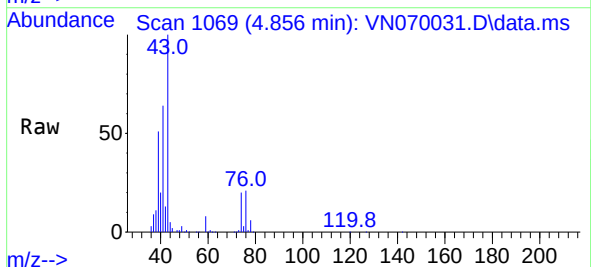
Manual Integrations
APPROVED

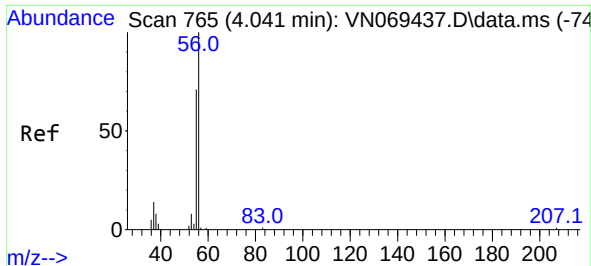
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#12
Methyl Acetate
Concen: 18.726 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

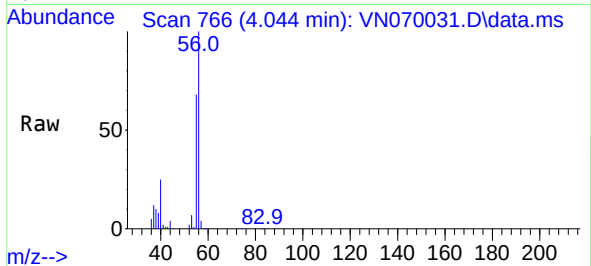
Tgt Ion: 43 Resp: 488796
Ion Ratio Lower Upper
43 100
74 20.0 20.8 31.2#





#13
Acrolein
Concen: 90.292 ug/l
RT: 4.044 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

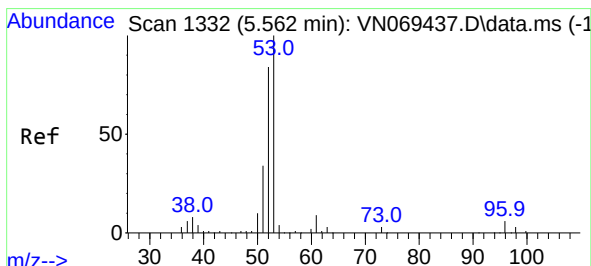
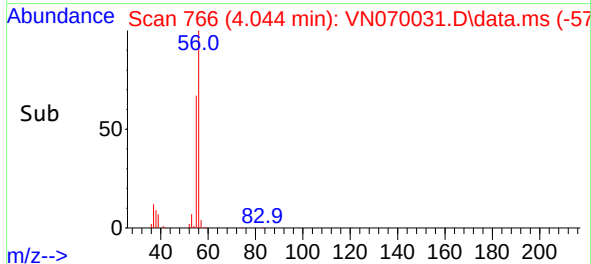
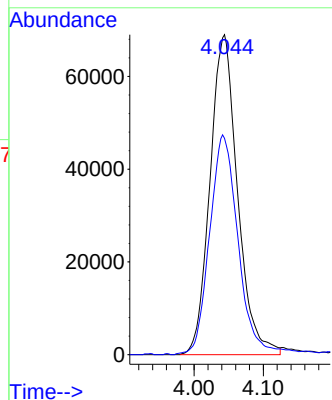
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321



Tgt Ion: 56 Resp: 190778
Ion Ratio Lower Upper
56 100
55 70.4 57.6 86.4

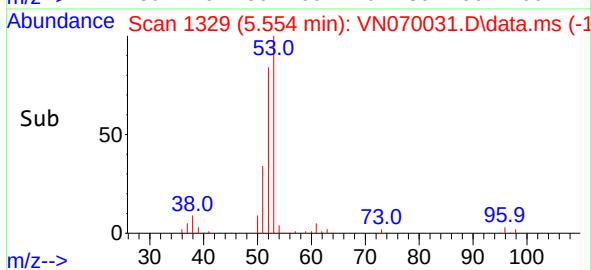
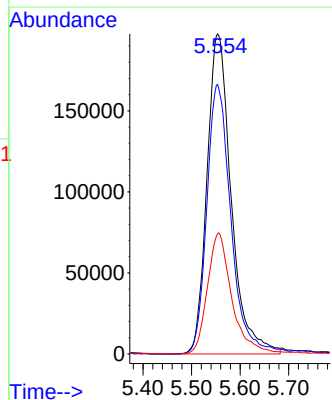
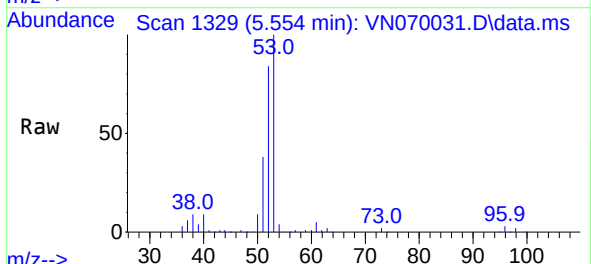
Manual Integrations
APPROVED

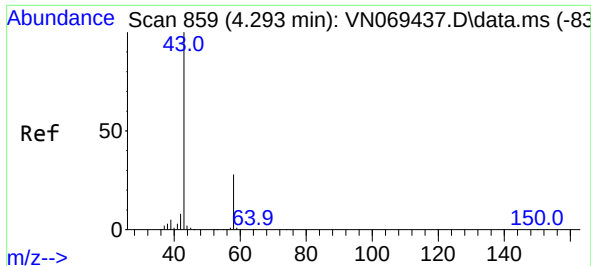
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#14
Acrylonitrile
Concen: 90.796 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

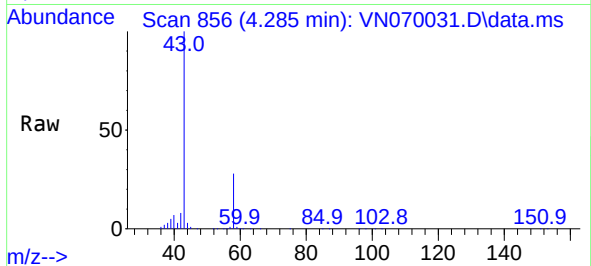
Tgt Ion: 53 Resp: 684308
Ion Ratio Lower Upper
53 100
52 82.9 41.8 125.4
51 37.9 19.0 57.0





#15
Acetone
Concen: 83.023 ug/l
RT: 4.285 min Scan# 859
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

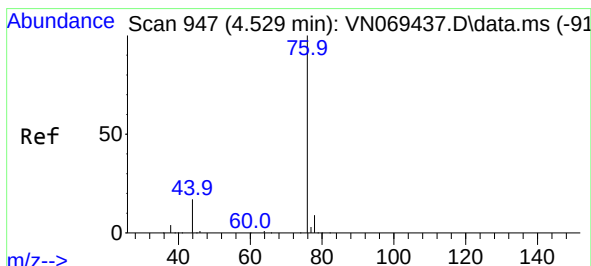
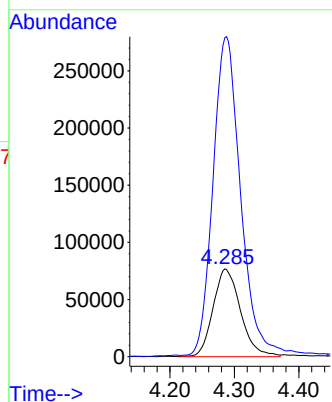
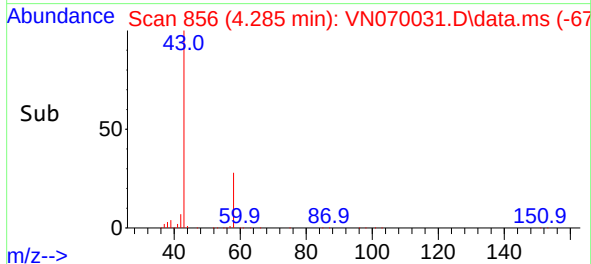
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121321



Tgt Ion: 58 Resp: 227054
Ion Ratio Lower Upper
58 100
43 361.8 256.6 384.8

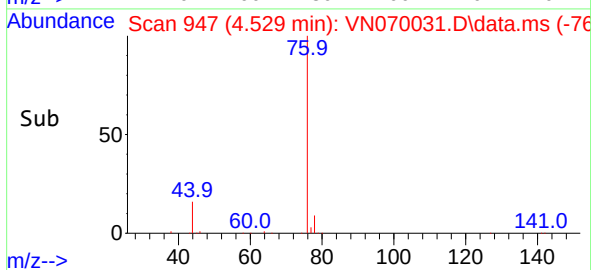
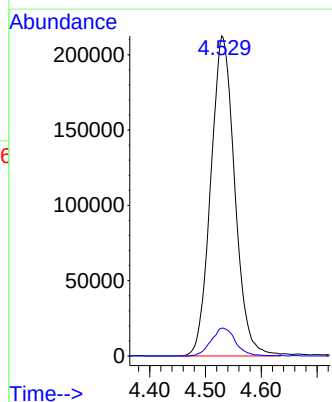
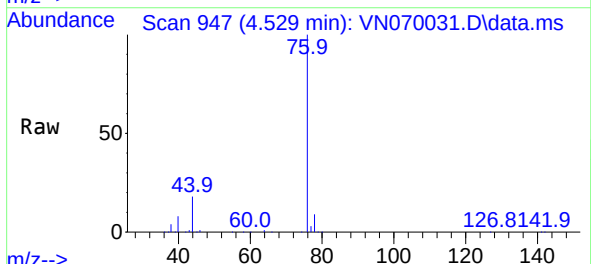
Manual Integrations
APPROVED

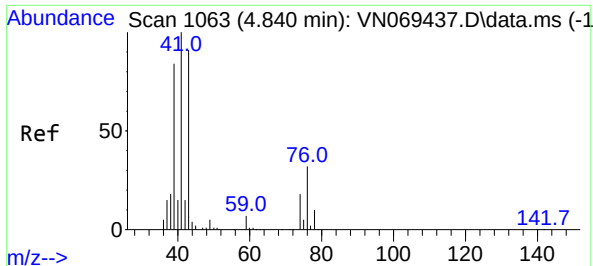
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#16
Carbon Disulfide
Concen: 19.852 ug/l
RT: 4.529 min Scan# 947
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion: 76 Resp: 633886
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8





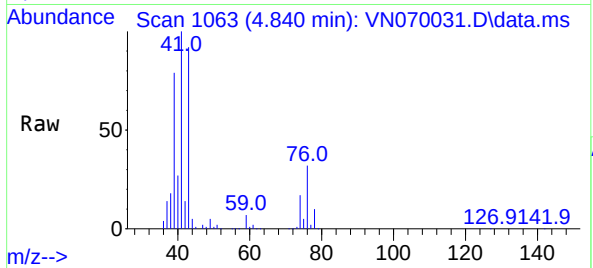
Allyl chloride
 Concen: 19.053 ug/l
 RT: 4.840 min Scan# 1063
 Delta R.T. -0.000 min
 Lab File: VN070031.D
 Acq: 13 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121321

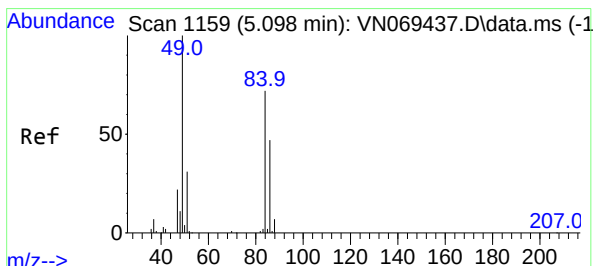
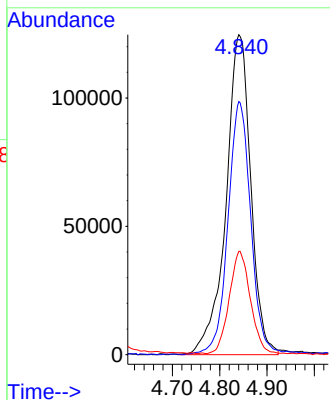
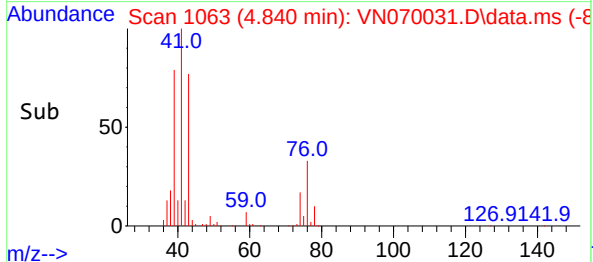


Tgt Ion: 41 Resp: 45408
 Ion Ratio Lower Upper
 41 100
 39 79.0 44.6 134.0
 76 31.8 19.6 58.7

Manual Integrations

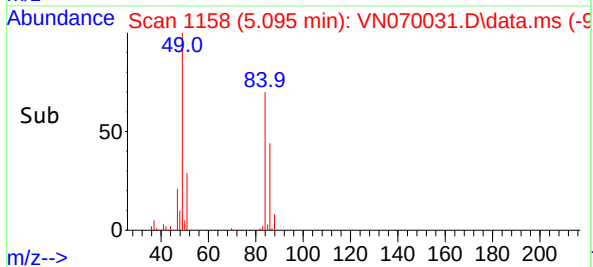
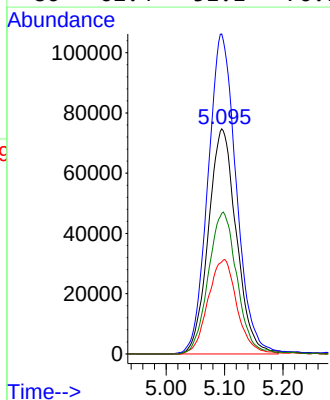
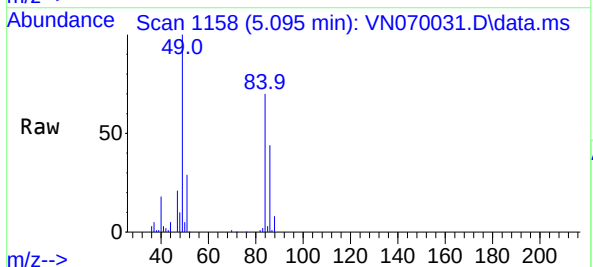
APPROVED

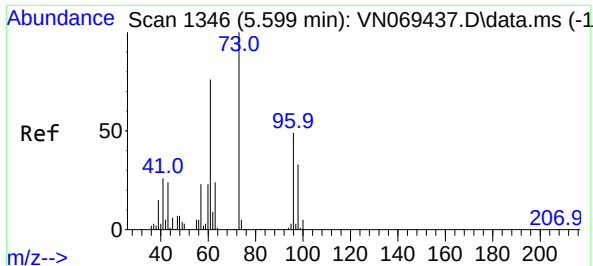
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



Methylene Chloride
 Concen: 19.455 ug/l
 RT: 5.095 min Scan# 1158
 Delta R.T. -0.003 min
 Lab File: VN070031.D
 Acq: 13 Dec 2021 13:46

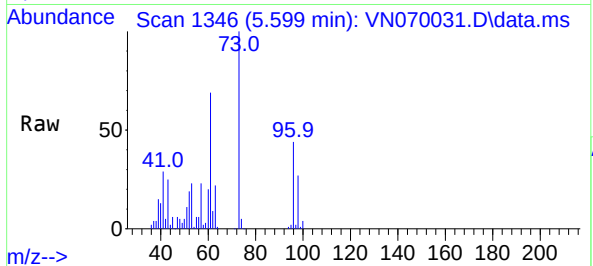
Tgt Ion: 84 Resp: 248518
 Ion Ratio Lower Upper
 84 100
 49 141.7 91.4 137.0#
 51 40.8 29.4 44.0
 86 62.4 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 19.750 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

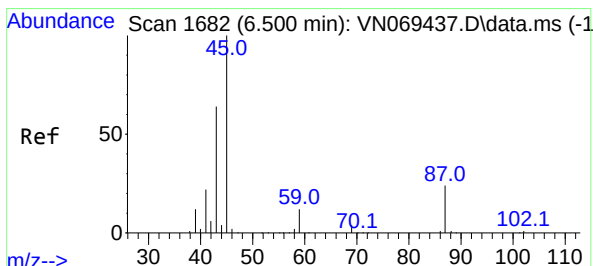
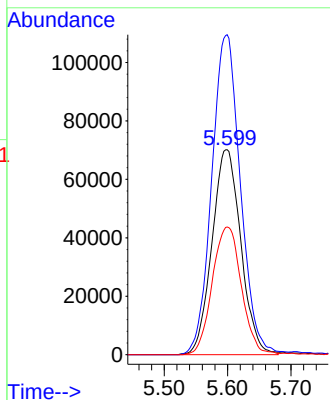
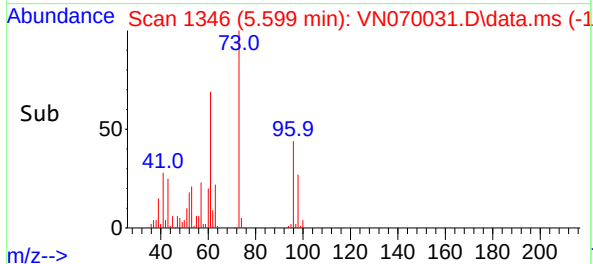
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321



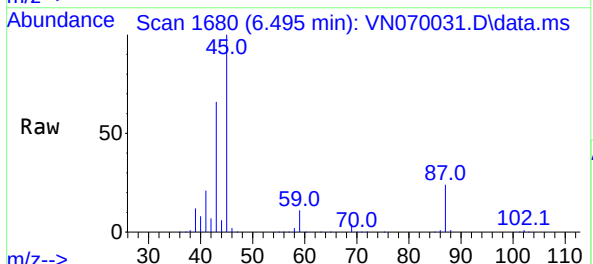
Tgt Ion: 96 Resp: 222300
Ion Ratio Lower Upper
96 100
61 156.2 102.8 154.2
98 62.3 49.3 73.9

Manual Integrations
APPROVED

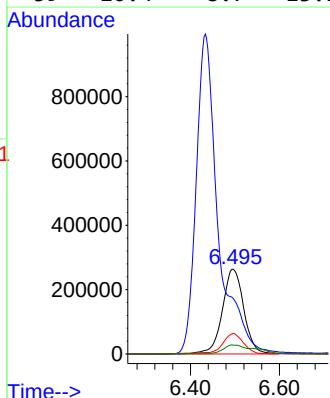
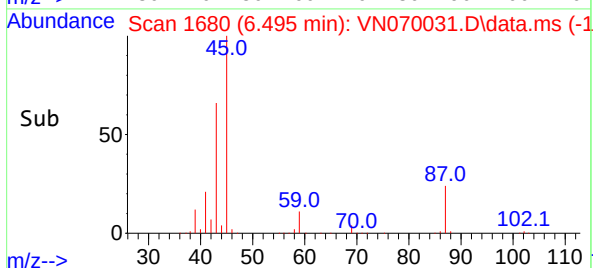
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

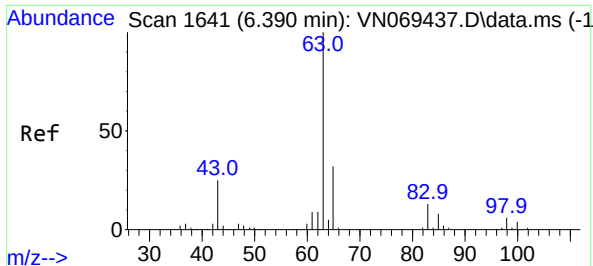


#20
Diisopropyl ether
Concen: 19.325 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



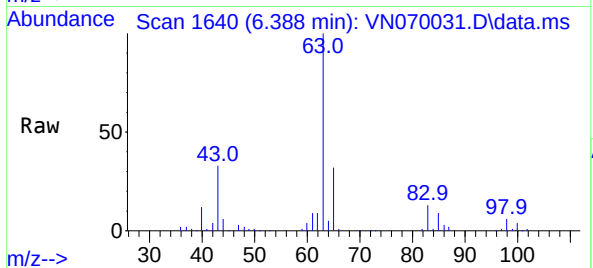
Tgt Ion: 45 Resp: 882088
Ion Ratio Lower Upper
45 100
43 64.8 51.0 76.4
87 24.1 25.0 37.4
59 10.4 8.7 13.1





#21
1,1-Dichloroethane
Concen: 19.076 ug/l
RT: 6.388 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

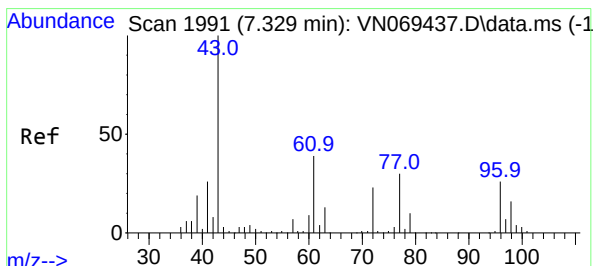
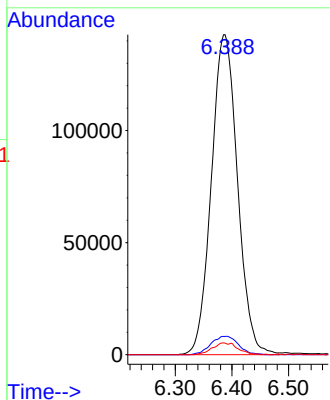
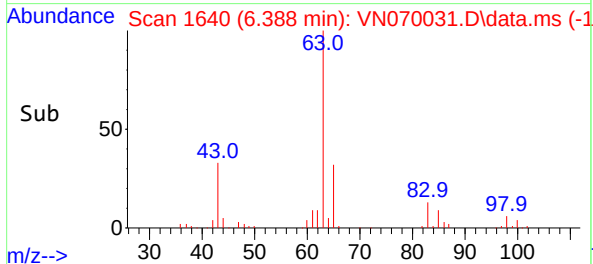
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN121321



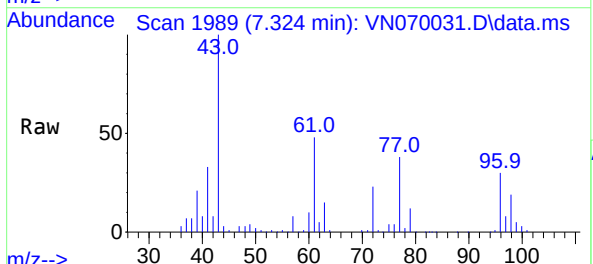
Tgt Ion: 63 Resp: 458999
Ion Ratio Lower Upper
63 100
98 5.7 3.2 9.6
100 3.6 2.1 6.2

Manual Integrations
APPROVED

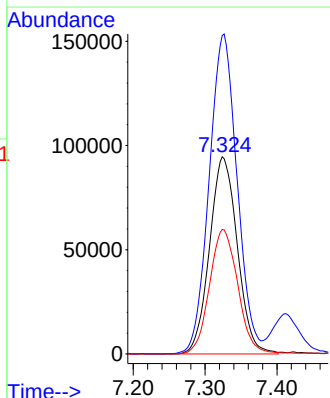
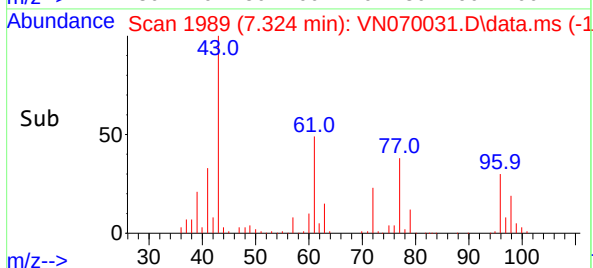
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

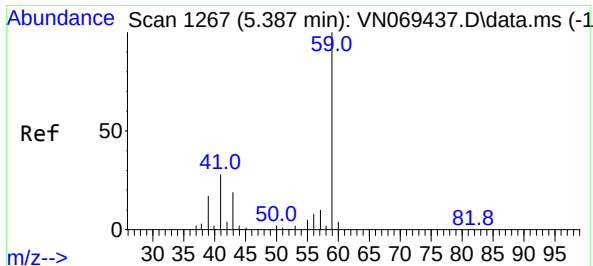


#22
cis-1,2-Dichloroethene
Concen: 19.102 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



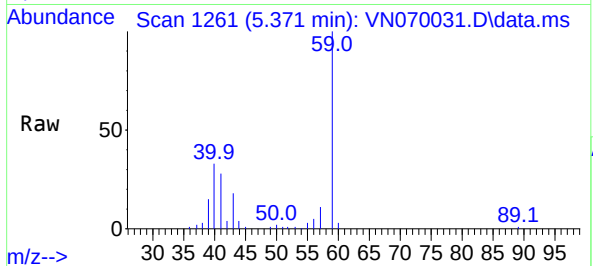
Tgt Ion: 96 Resp: 254477
Ion Ratio Lower Upper
96 100
61 162.5 115.7 173.5
98 64.2 51.6 77.4





#23
tert-Butyl Alcohol
Concen: 84.893 ug/l
RT: 5.371 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

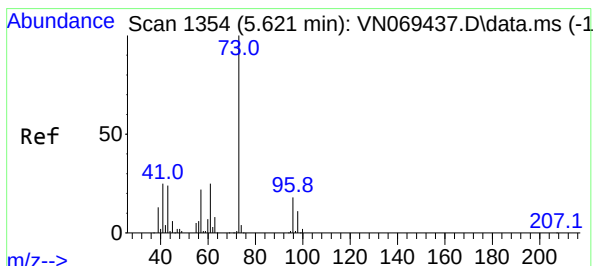
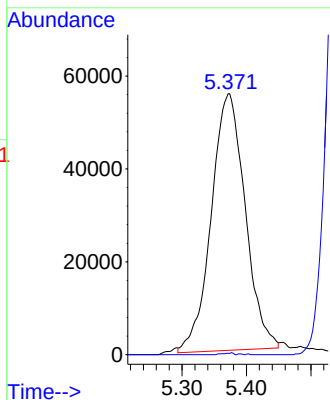
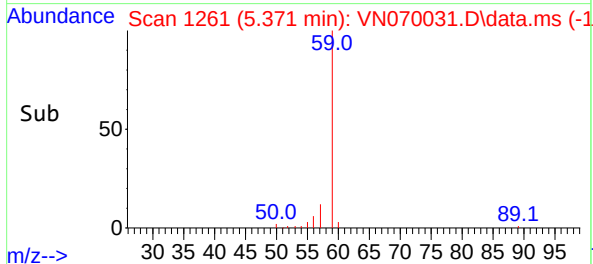
Instrument :
MSVOA_N
ClientSampleId :
ICVNV121321



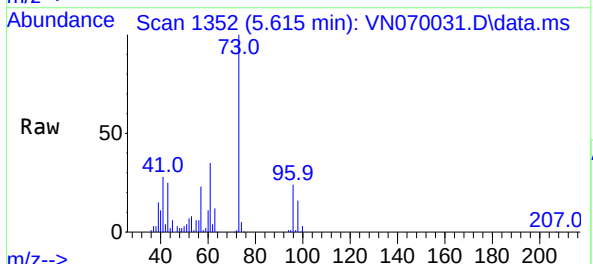
Tgt Ion: 59 Resp: 202250
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

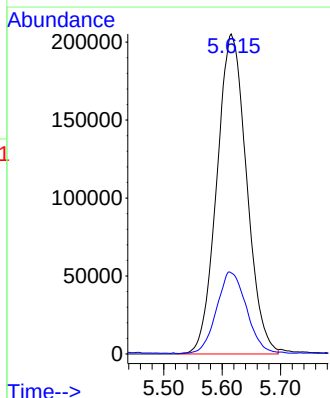
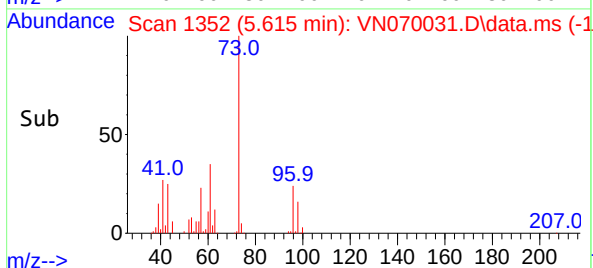
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

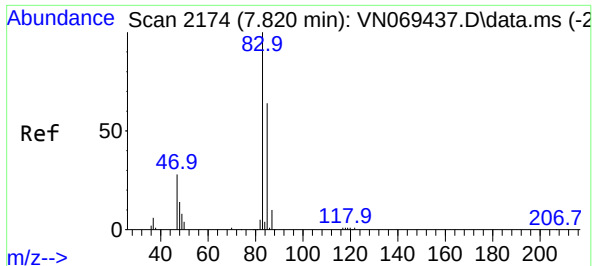


#24
Methyl tert-Butyl Ether
Concen: 19.292 ug/l
RT: 5.615 min Scan# 1352
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



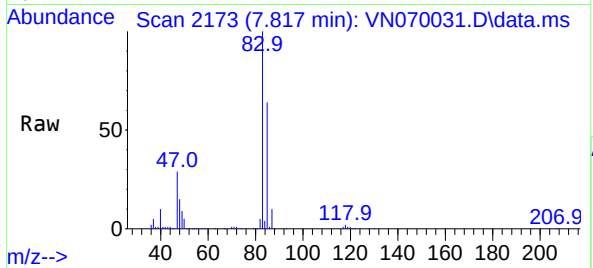
Tgt Ion: 73 Resp: 725977
Ion Ratio Lower Upper
73 100
43 25.1 18.1 27.1





#25
Chloroform
Concen: 19.099 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

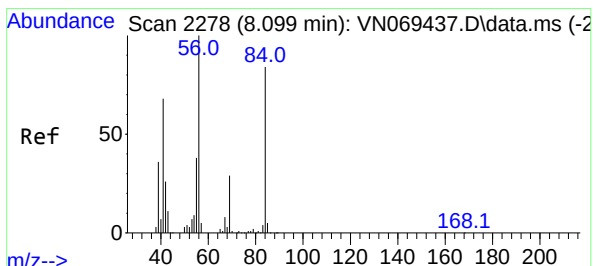
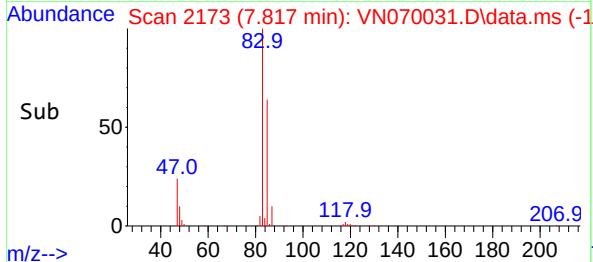
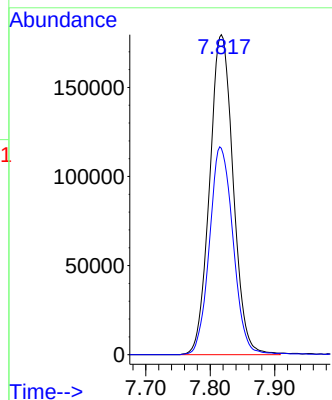
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN121321



Tgt Ion: 83 Resp: 45658
Ion Ratio Lower Upper
83 100
85 64.5 51.3 76.9

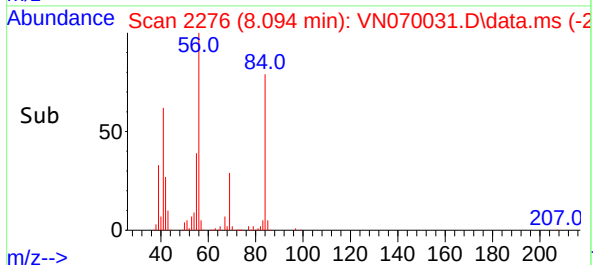
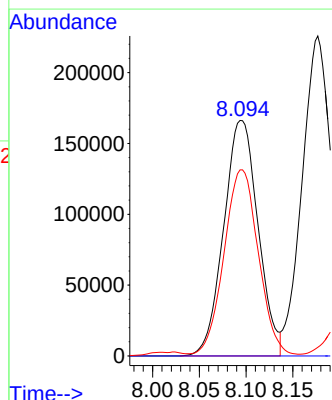
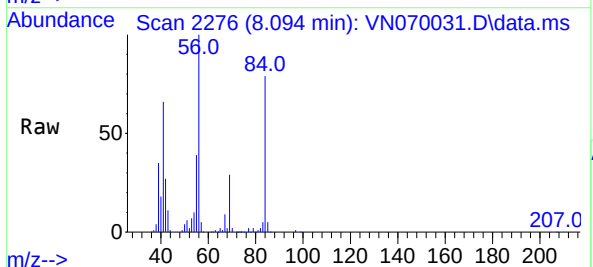
Manual Integrations
APPROVED

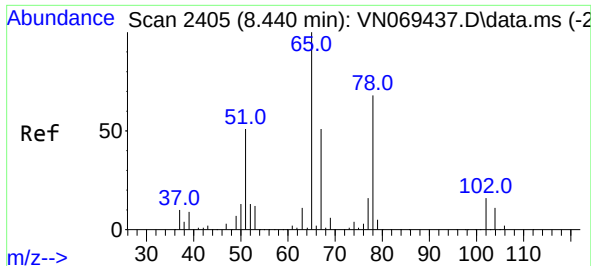
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#26
Cyclohexane
Concen: 19.127 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion: 56 Resp: 426018
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 79.2 74.6 111.8





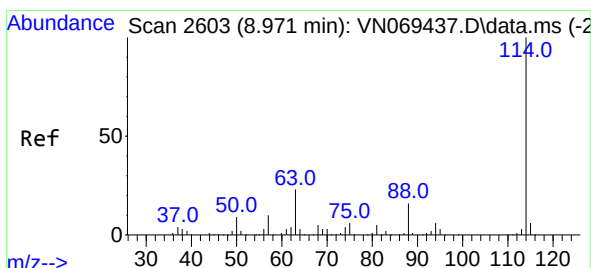
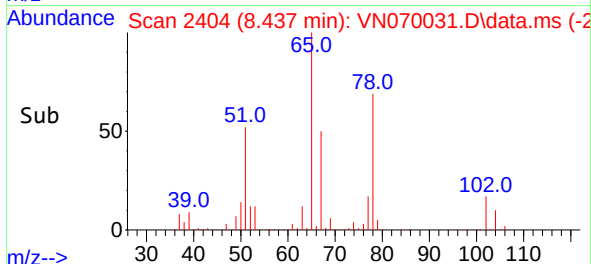
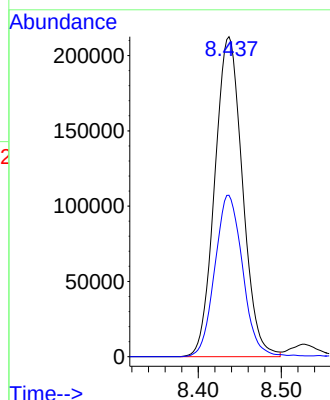
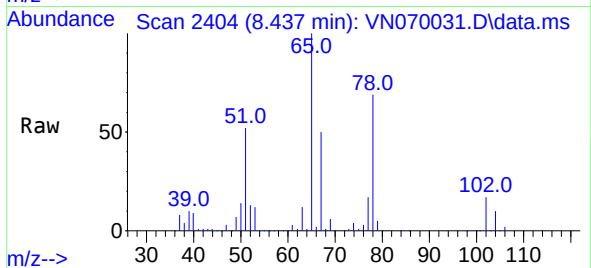
#27
1,2-Dichloroethane-d4
Concen: 29.980 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321

Tgt Ion: 65 Resp: 49351
Ion Ratio Lower Upper
65 100
67 50.3 40.2 60.2

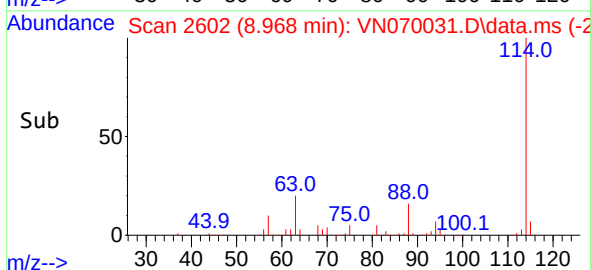
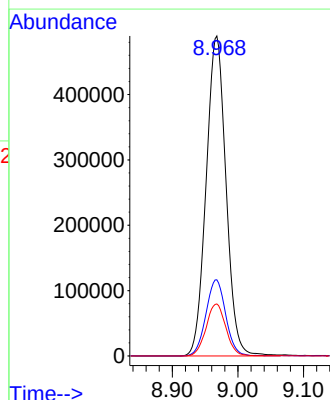
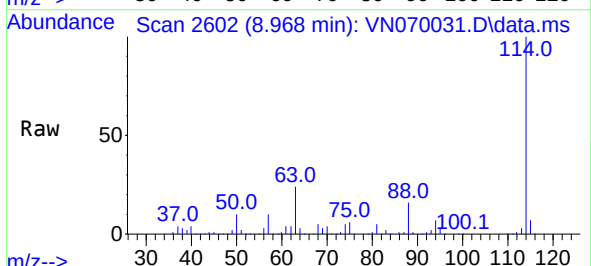
Manual Integrations
APPROVED

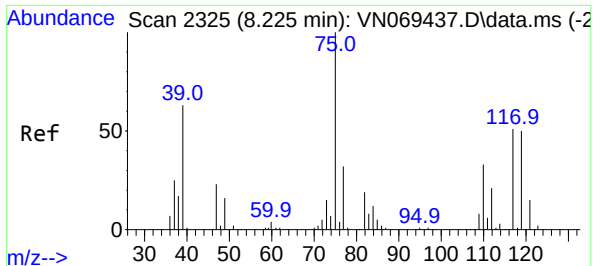
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion:114 Resp: 1029211
Ion Ratio Lower Upper
114 100
63 23.7 15.8 23.6#
88 16.2 11.6 17.4





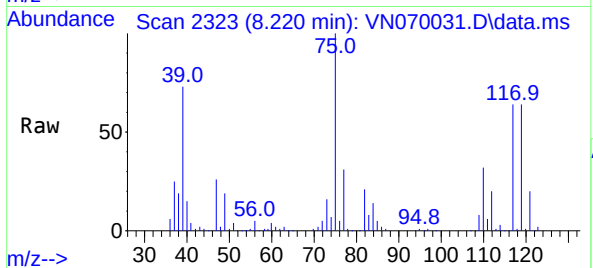
#29
1,1-Dichloropropene
Concen: 19.327 ug/l
RT: 8.220 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

ICNVN121321

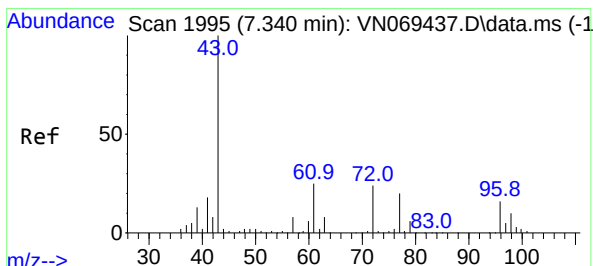
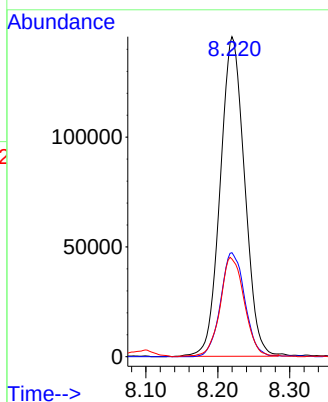
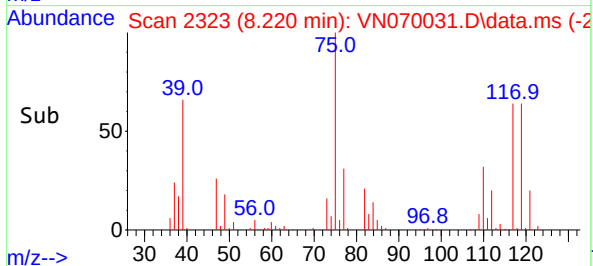


Tgt Ion: 75 Resp: 342500
Ion Ratio Lower Upper
75 100
110 32.2 0.0 74.2
77 30.9 0.0 63.2

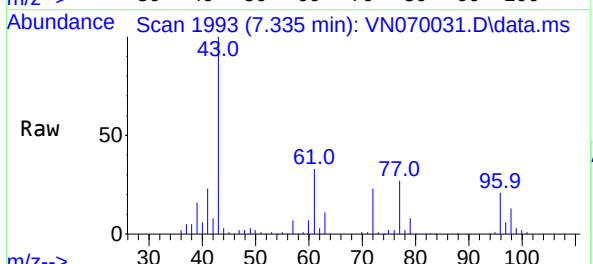
Manual Integrations

APPROVED

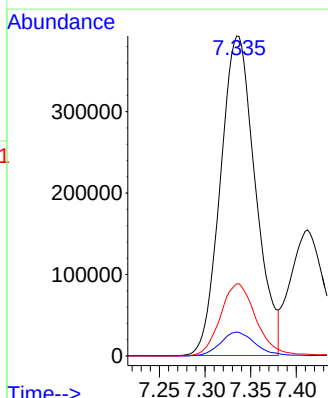
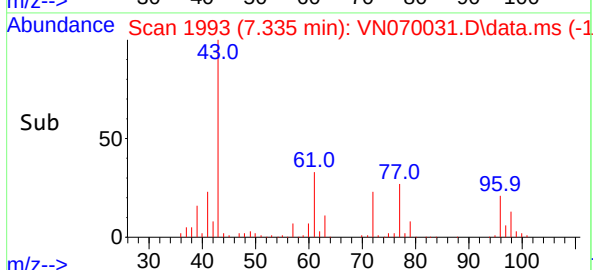
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

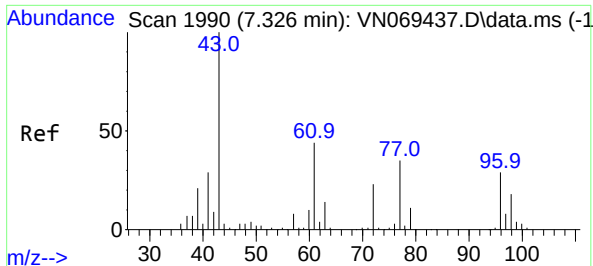


#30
2-Butanone
Concen: 85.608 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



Tgt Ion: 43 Resp: 1043778
Ion Ratio Lower Upper
43 100
57 7.5 6.7 10.1
72 23.0 23.2 34.8#





#31
2,2-Dichloropropane
Concen: 19.116 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

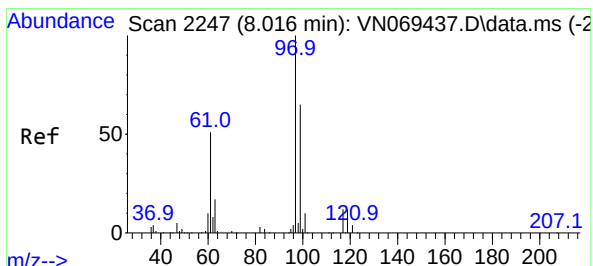
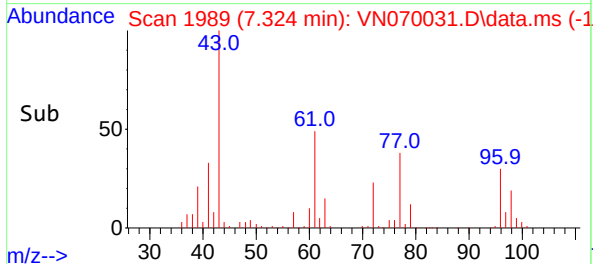
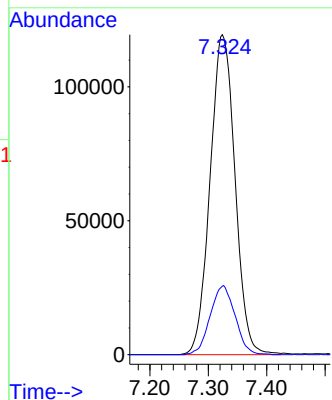
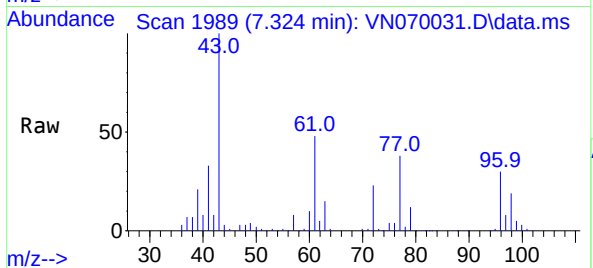
ICVNV121321

Tgt Ion: 77 Resp: 35425
Ion Ratio Lower Upper
77 100
97 21.6 18.3 27.5

Manual Integrations

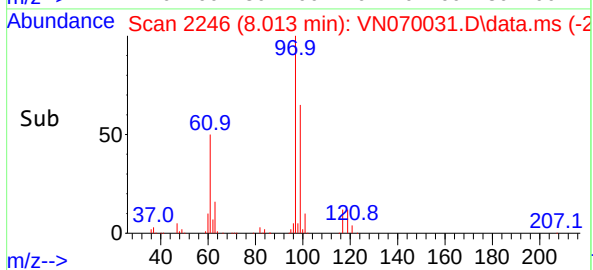
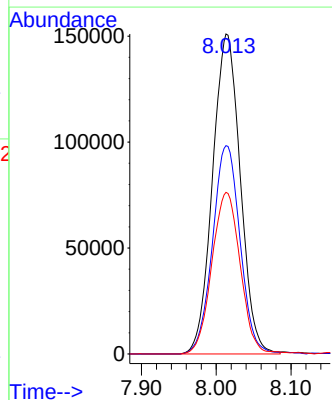
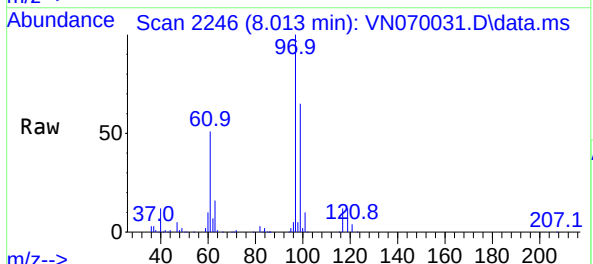
APPROVED

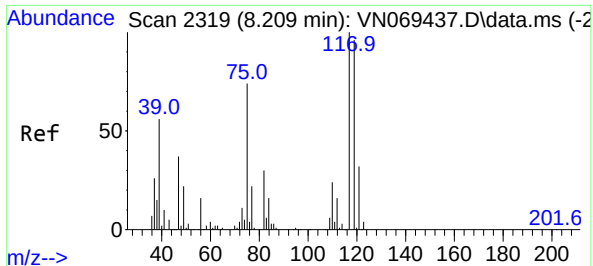
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 18.981 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

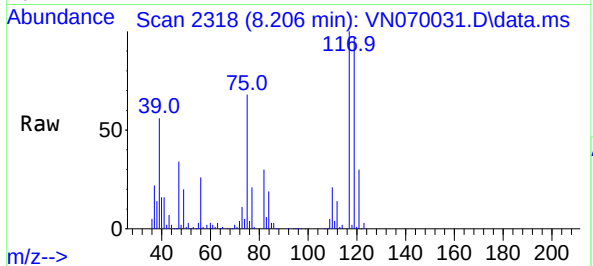
Tgt Ion: 97 Resp: 389562
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 51.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.181 ug/l
RT: 8.206 min Scan# 2411
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

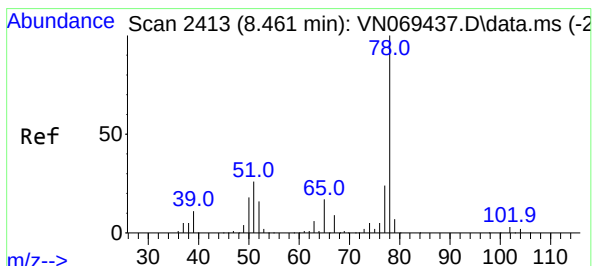
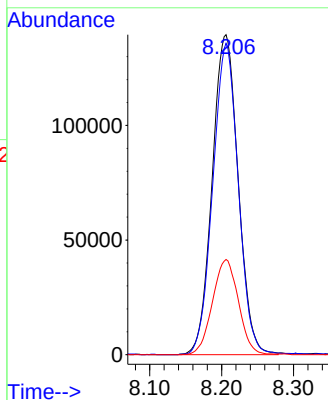
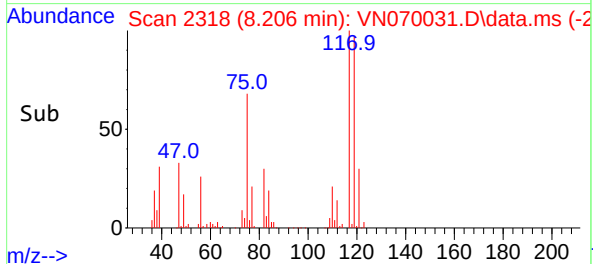
Instrument :
MSVOA_N
ClientSampleId :
ICVVN121321



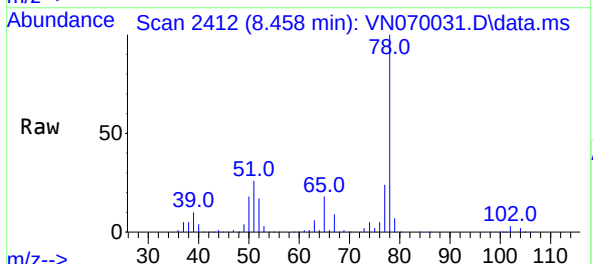
Tgt Ion: 117 Resp: 34993
Ion Ratio Lower Upper
117 100
119 97.3 77.5 116.3
121 29.7 23.5 35.3

Manual Integrations
APPROVED

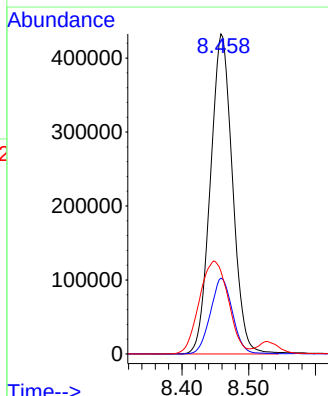
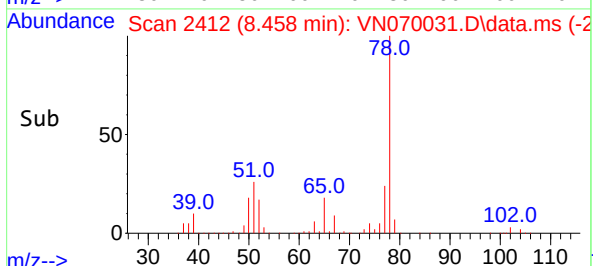
Reviewed By : John Carlone 12/14/2021
Supervised By : Amit Patel 12/15/2021

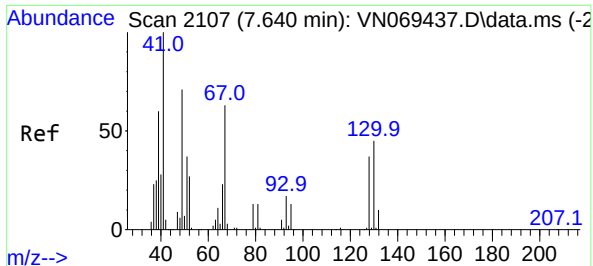


#34
Benzene
Concen: 18.979 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



Tgt Ion: 78 Resp: 994335
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7
51 25.4 16.0 24.0#





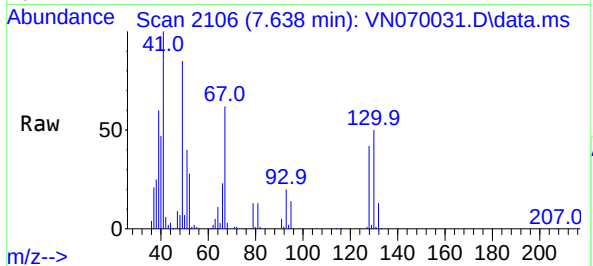
#35
Methacrylonitrile
Concen: 18.060 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121321

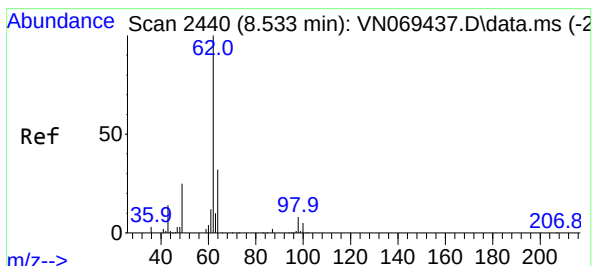
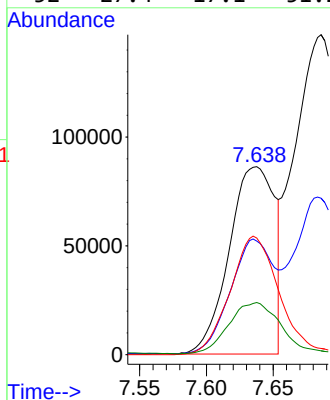
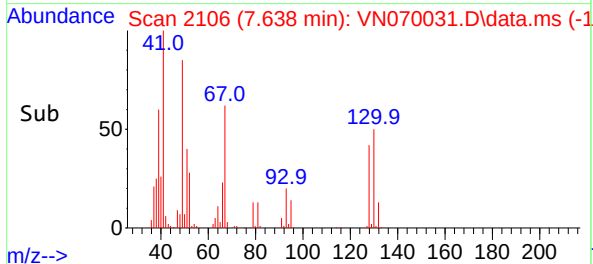


Tgt Ion: 41 Resp: 203684
Ion Ratio Lower Upper
41 100
39 60.2 28.0 83.9
67 62.1 37.7 113.1
52 27.4 17.1 51.2

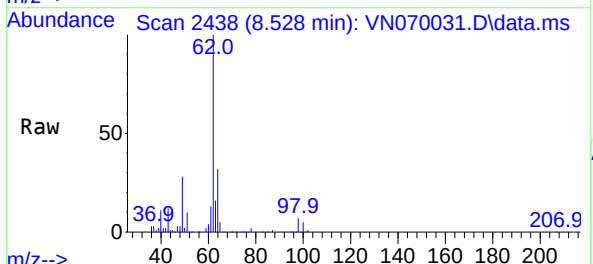
Manual Integrations

APPROVED

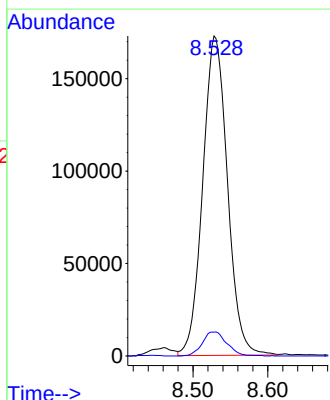
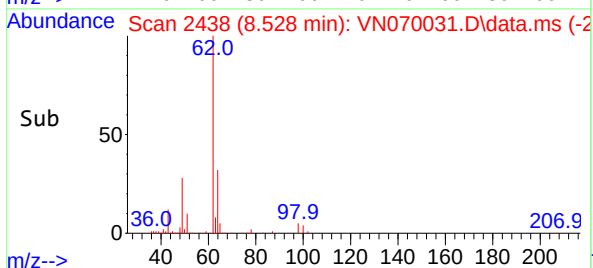
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

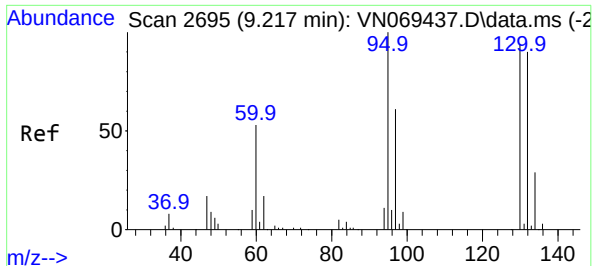


#36
1,2-Dichloroethane
Concen: 19.204 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



Tgt Ion: 62 Resp: 397170
Ion Ratio Lower Upper
62 100
98 7.4 6.6 10.0





#37

Trichloroethene

Concen: 19.096 ug/l

RT: 9.215 min Scan# 2695

Delta R.T. -0.003 min

Lab File: VN070031.D

Acq: 13 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

ICVNV121321

Tgt Ion:130 Resp: 237960

Ion Ratio Lower Upper

130 100

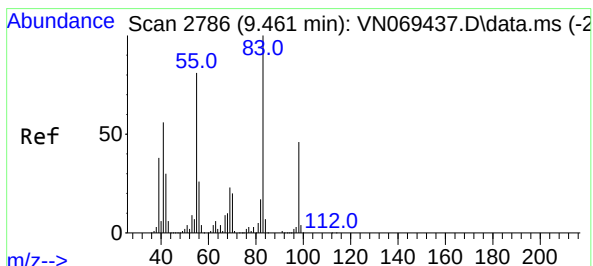
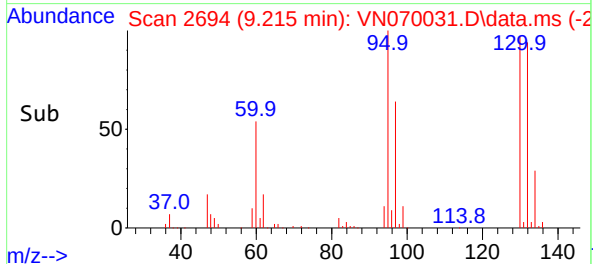
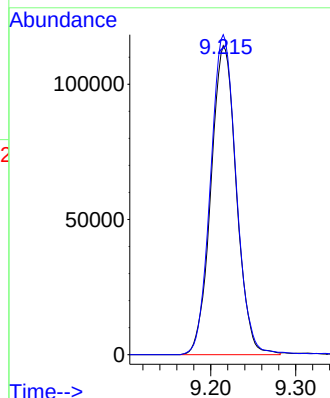
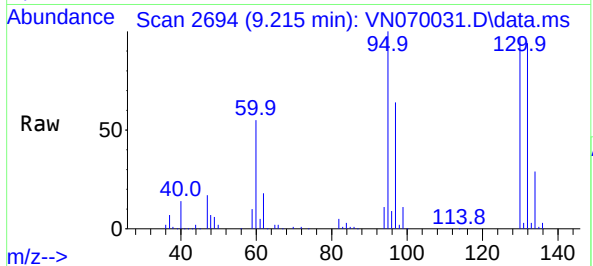
95 103.6 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#38

Methylcyclohexane

Concen: 19.008 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VN070031.D

Acq: 13 Dec 2021 13:46

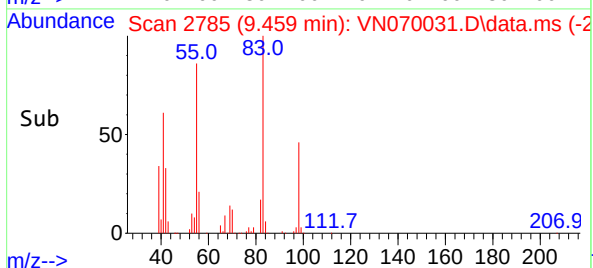
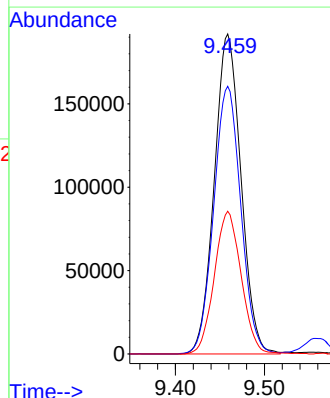
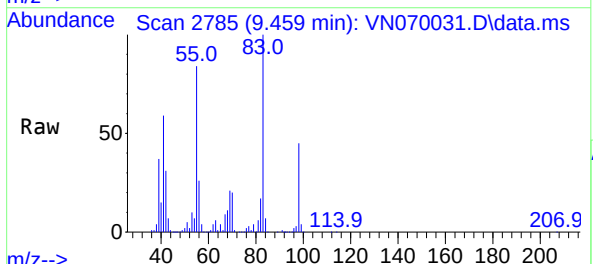
Tgt Ion: 83 Resp: 400405

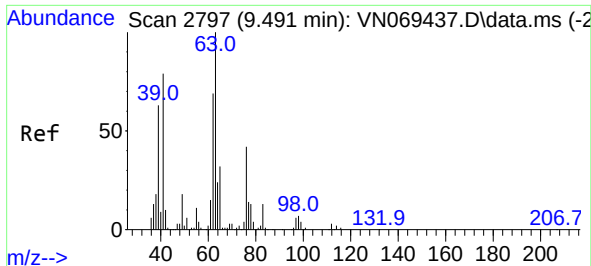
Ion Ratio Lower Upper

83 100

55 85.1 35.1 105.3

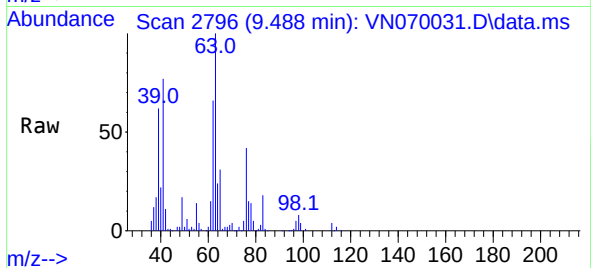
98 44.8 23.4 70.2





#39
1,2-Dichloropropane
Concen: 18.876 ug/l
RT: 9.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

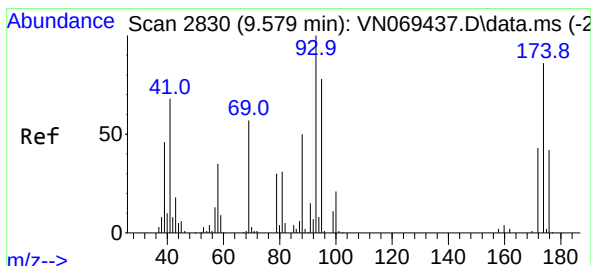
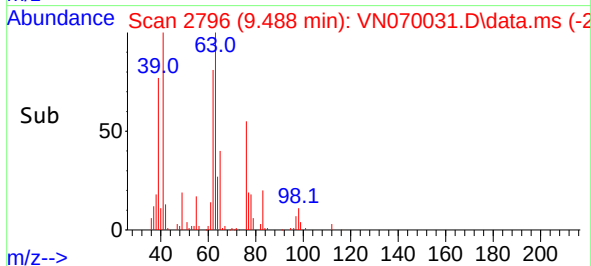
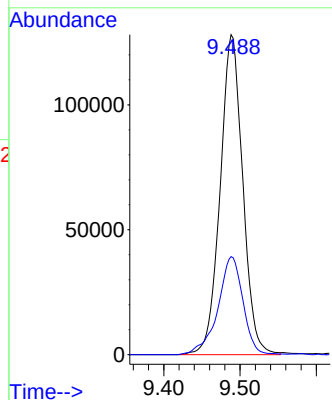
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321



Tgt Ion: 63 Resp: 263659
Ion Ratio Lower Upper
63 100
65 30.5 24.2 36.4

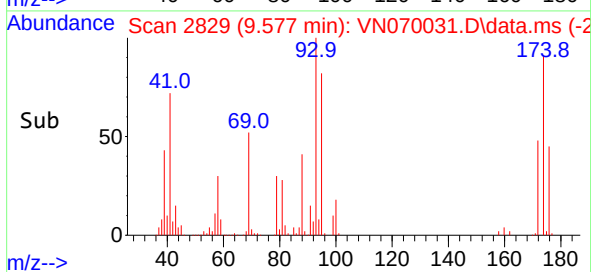
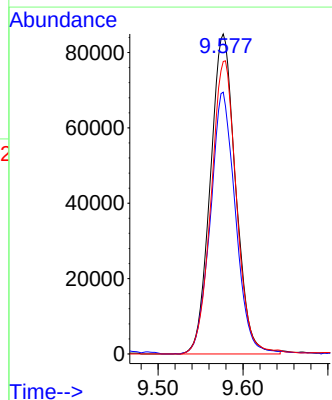
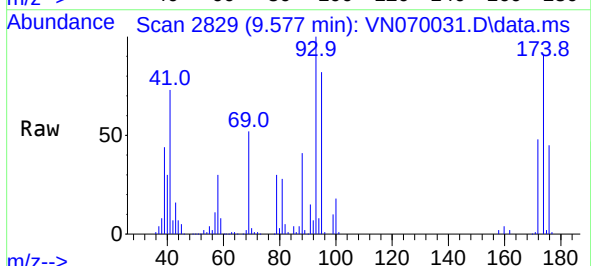
Manual Integrations
APPROVED

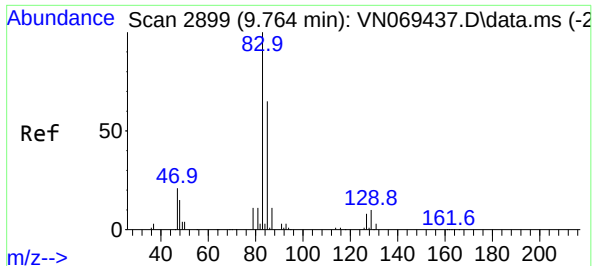
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#40
Dibromomethane
Concen: 19.075 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion: 93 Resp: 175750
Ion Ratio Lower Upper
93 100
95 81.0 0.0 168.8
174 91.4 0.0 173.6





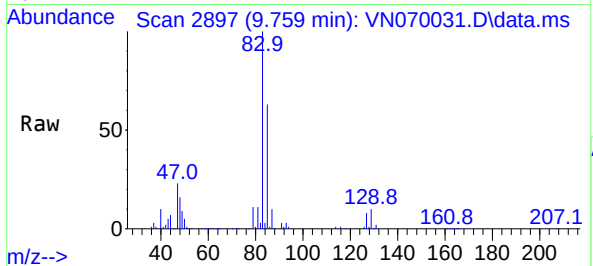
#41
Bromodichloromethane
Concen: 18.839 ug/l
RT: 9.759 min Scan# 2899
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121321

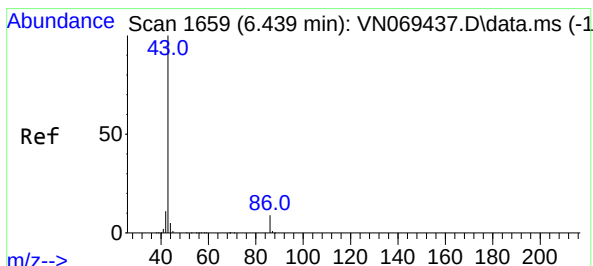
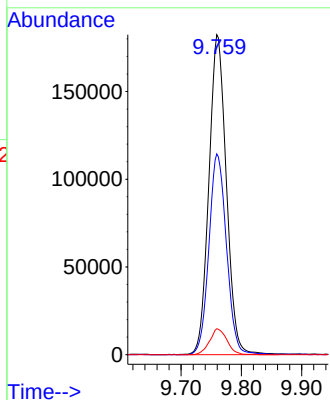
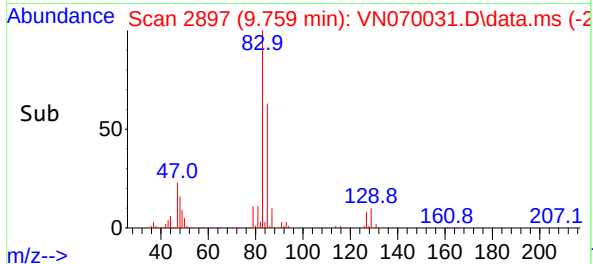


Tgt Ion: 83 Resp: 367030
Ion Ratio Lower Upper
83 100
85 62.8 54.1 81.1
127 8.1 7.6 11.4

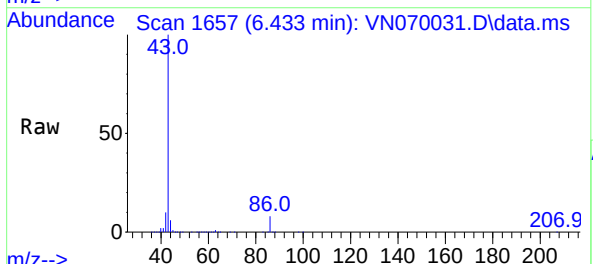
Manual Integrations

APPROVED

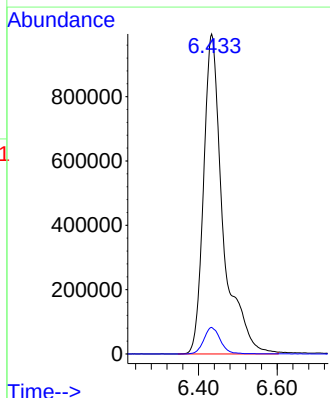
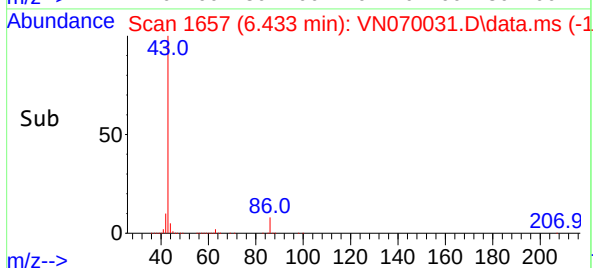
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

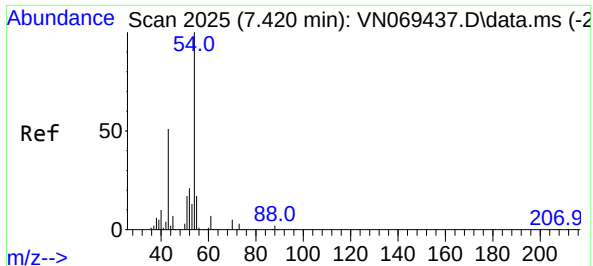


#42
Vinyl Acetate
Concen: 95.141 ug/l
RT: 6.433 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



Tgt Ion: 43 Resp: 3407571
Ion Ratio Lower Upper
43 100
86 7.1 7.5 11.3#





#43

Ethyl Acetate

Concen: 18.663 ug/l

RT: 7.412 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN070031.D

Acq: 13 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

ICVVN121321

Tgt Ion: 43 Resp: 395238

Ion Ratio Lower Upper

43 100

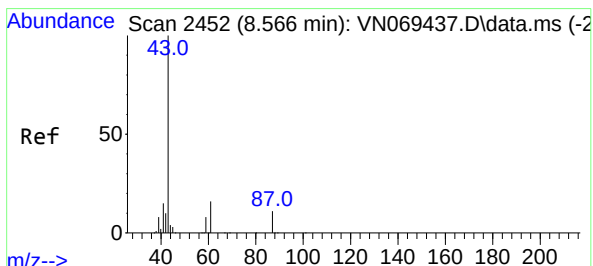
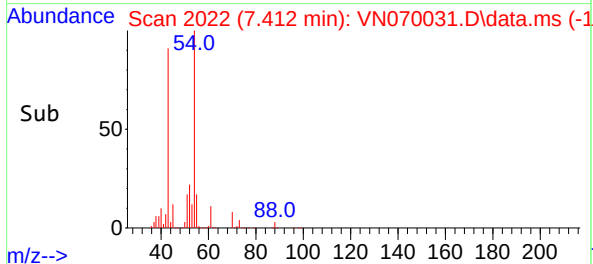
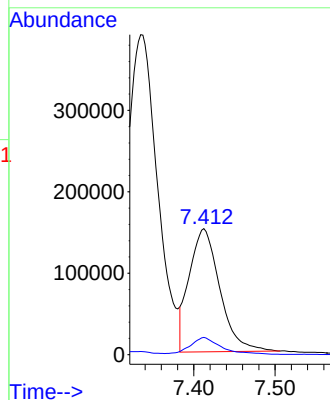
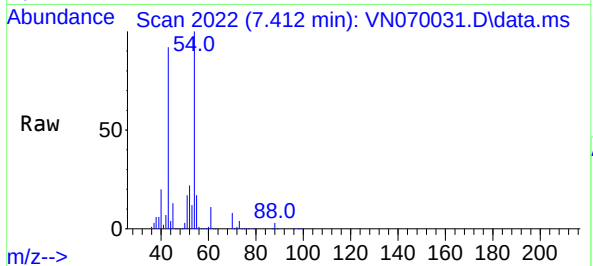
45 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#44

Isopropyl Acetate

Concen: 18.394 ug/l

RT: 8.560 min Scan# 2450

Delta R.T. -0.000 min

Lab File: VN070031.D

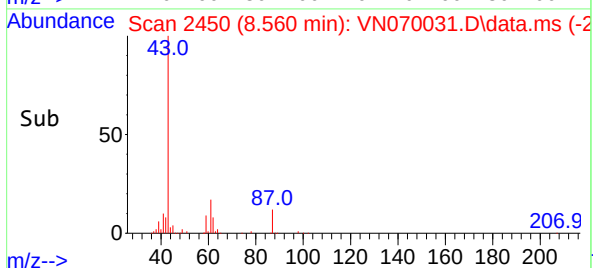
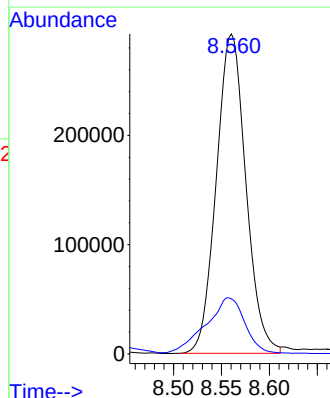
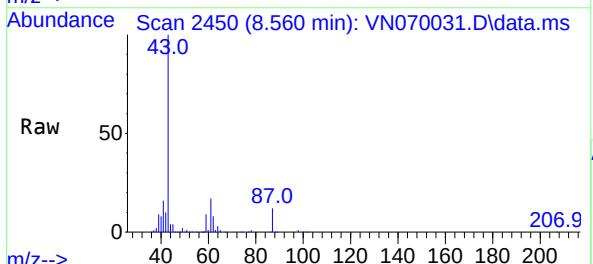
Acq: 13 Dec 2021 13:46

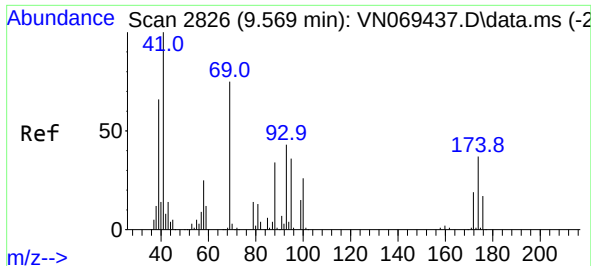
Tgt Ion: 43 Resp: 627013

Ion Ratio Lower Upper

43 100

61 23.2 20.1 30.1





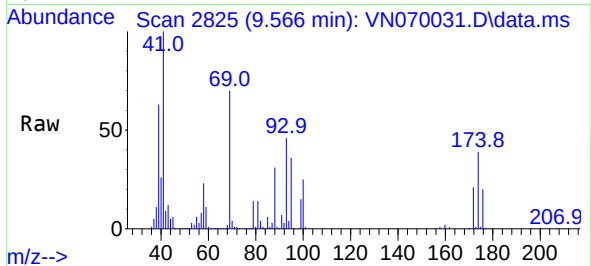
#45
1,4-Dioxane
Concen: 390.353 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

ICNVN121321

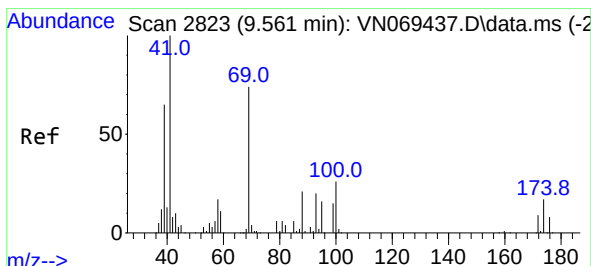
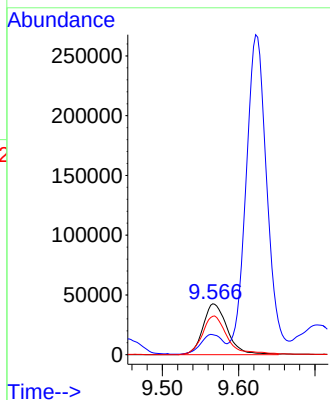
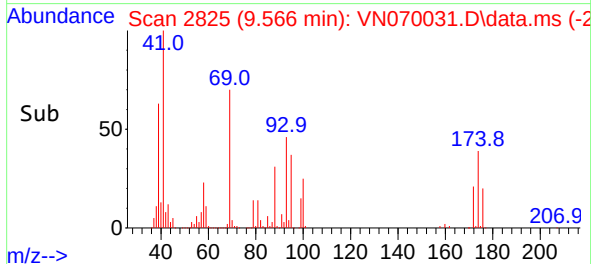


Tgt Ion: 88 Resp: 94164
Ion Ratio Lower Upper
88 100
43 35.2 25.0 37.6
58 78.2 49.4 74.2

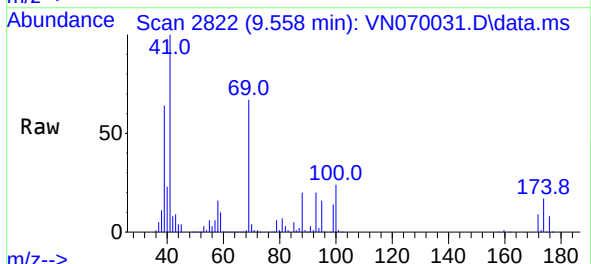
Manual Integrations

APPROVED

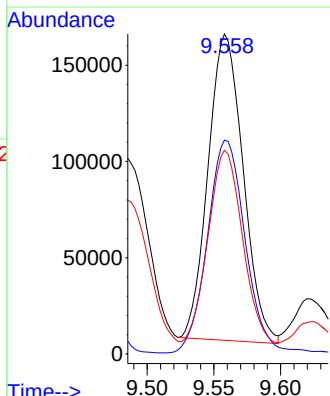
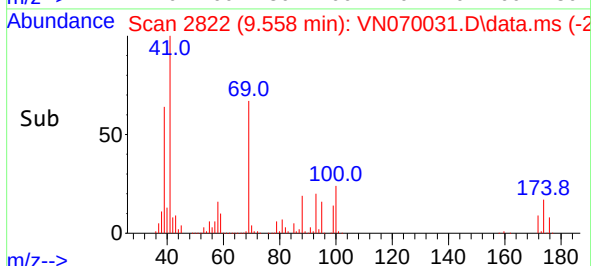
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

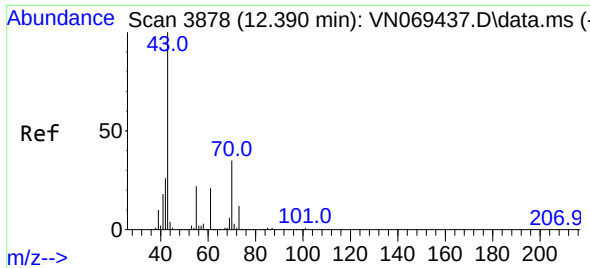


#46
Methyl methacrylate
Concen: 18.012 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



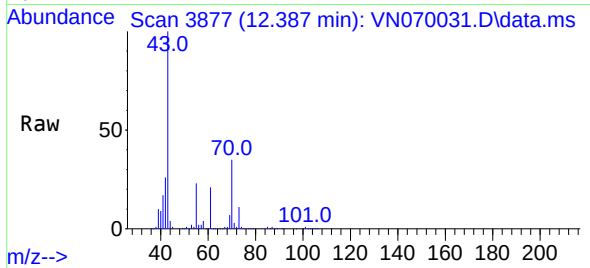
Tgt Ion: 41 Resp: 290793
Ion Ratio Lower Upper
41 100
69 69.2 44.4 133.2
39 63.4 39.9 119.6





#47
n-amy1 Acetate
Concen: 17.668 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

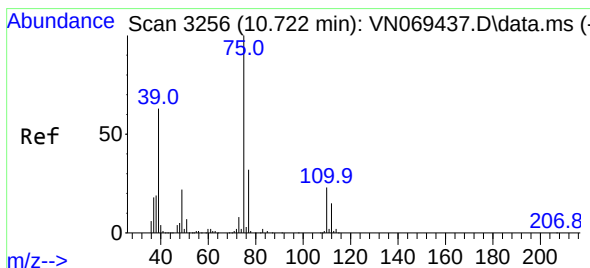
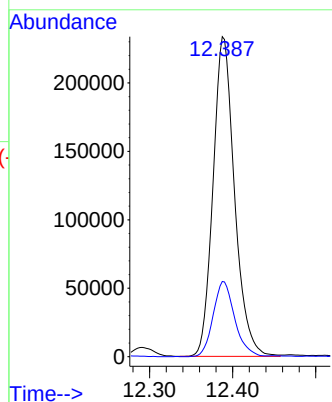
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321



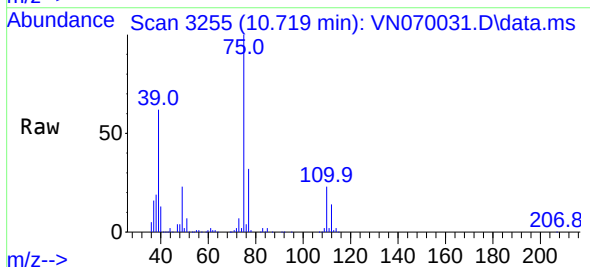
Tgt Ion: 43 Resp: 420009
Ion Ratio Lower Upper
43 100
55 23.6 19.0 28.6

Manual Integrations
APPROVED

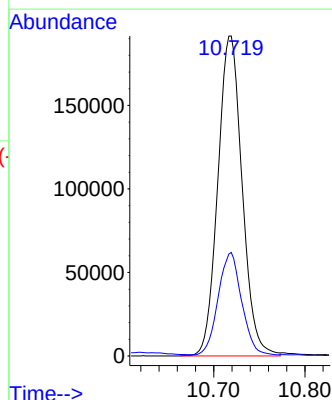
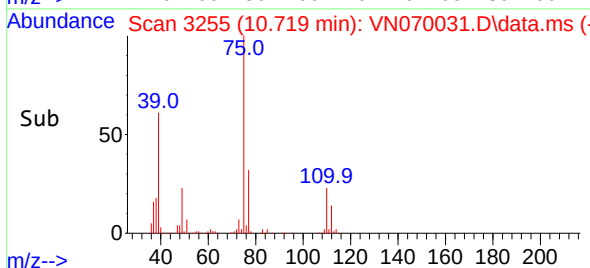
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

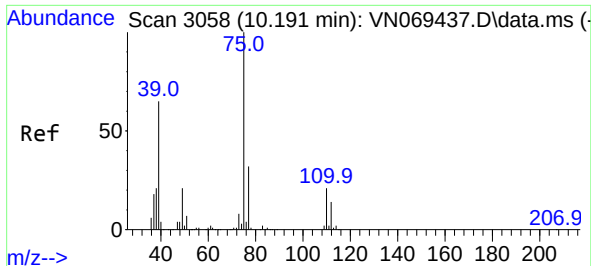


#48
t-1,3-Dichloropropene
Concen: 18.105 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



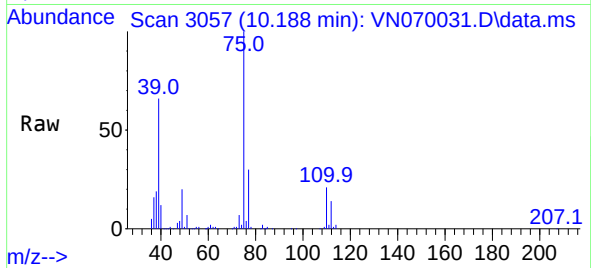
Tgt Ion: 75 Resp: 354764
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 18.689 ug/l
 RT: 10.188 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN070031.D
 Acq: 13 Dec 2021 13:46

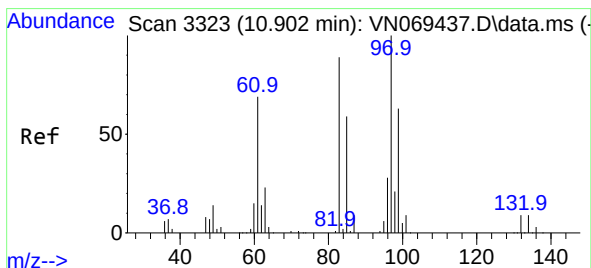
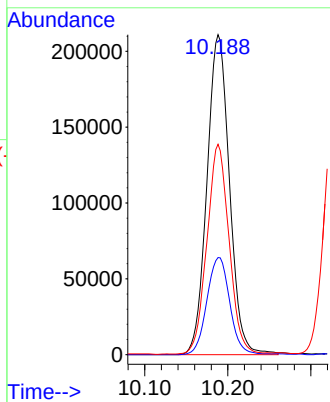
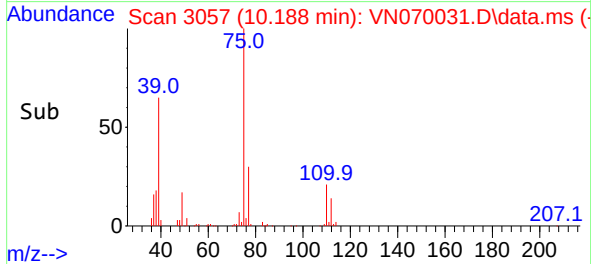
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN121321



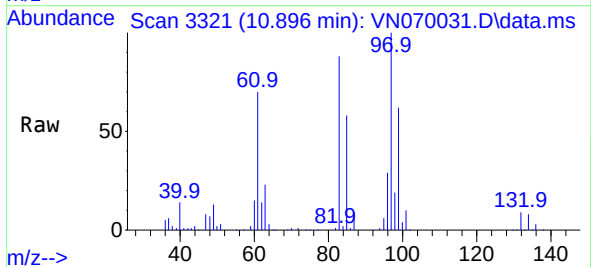
Tgt Ion: 75 Resp: 397428
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.3 37.9
 39 65.5 46.2 69.4

Manual Integrations
 APPROVED

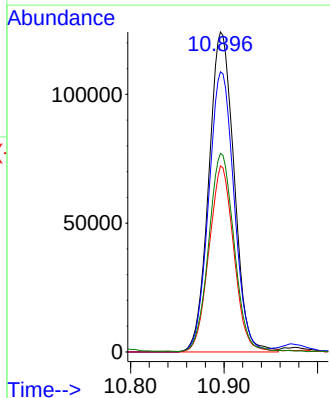
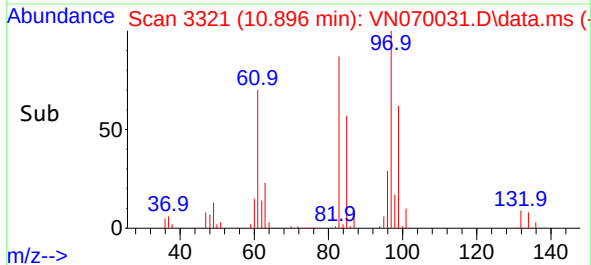
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021

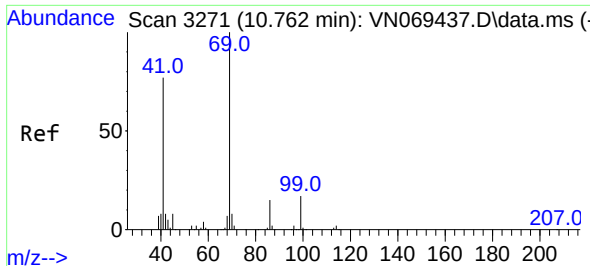


#50
 1,1,2-Trichloroethane
 Concen: 18.700 ug/l
 RT: 10.896 min Scan# 3321
 Delta R.T. -0.003 min
 Lab File: VN070031.D
 Acq: 13 Dec 2021 13:46



Tgt Ion: 97 Resp: 234189
 Ion Ratio Lower Upper
 97 100
 83 87.6 67.2 100.8
 85 58.1 43.0 64.4
 99 61.9 49.0 73.4





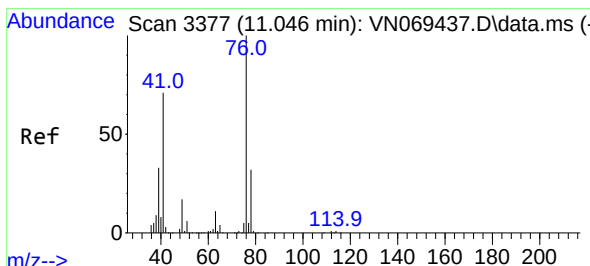
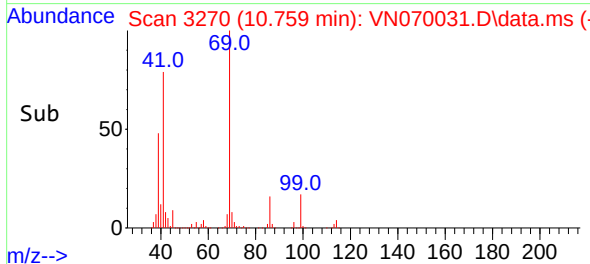
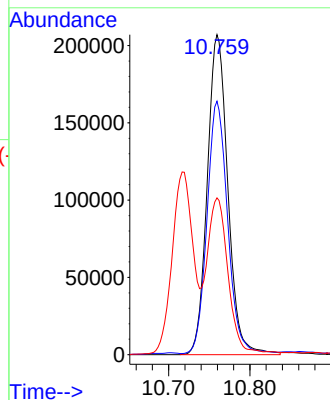
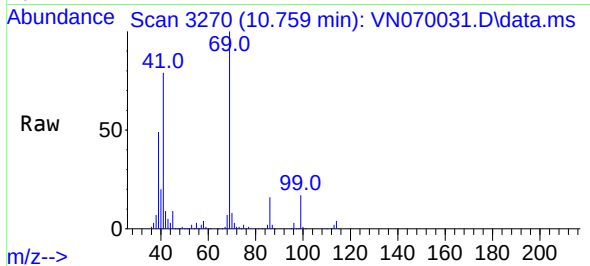
#51
Ethyl methacrylate
Concen: 18.194 ug/l
RT: 10.759 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321

Tgt Ion: 69 Resp: 36417
Ion Ratio Lower Upper
69 100
41 78.8 33.0 98.9
39 48.3 25.4 76.4

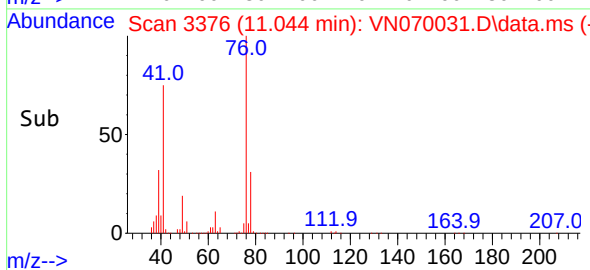
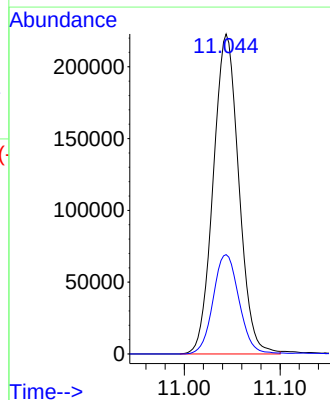
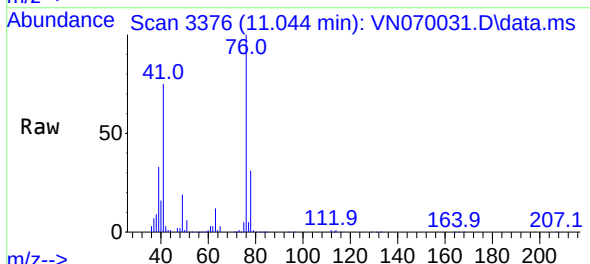
Manual Integrations
APPROVED

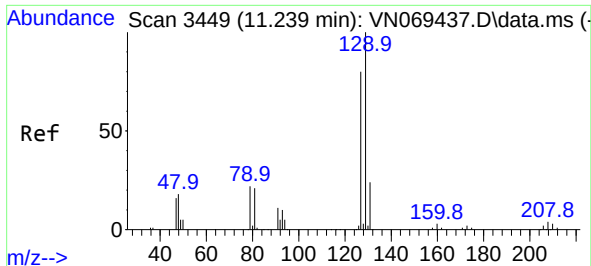
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#52
1,3-Dichloropropane
Concen: 18.575 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

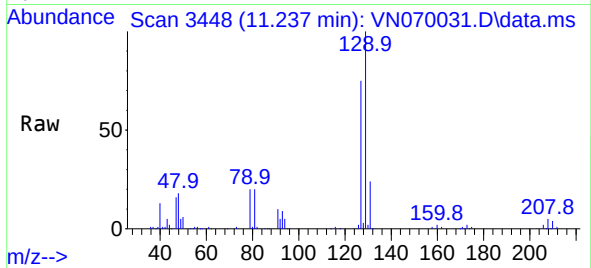
Tgt Ion: 76 Resp: 411895
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.4





#53
Dibromochloromethane
Concen: 18.380 ug/l
RT: 11.237 min Scan# 3449
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

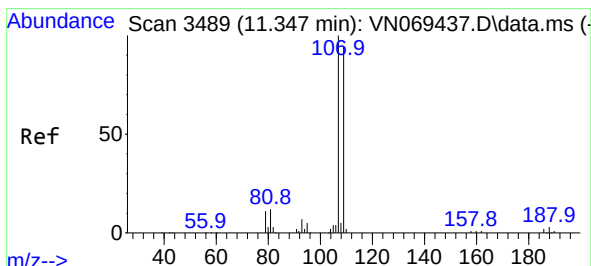
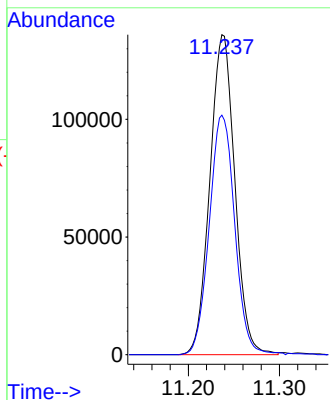
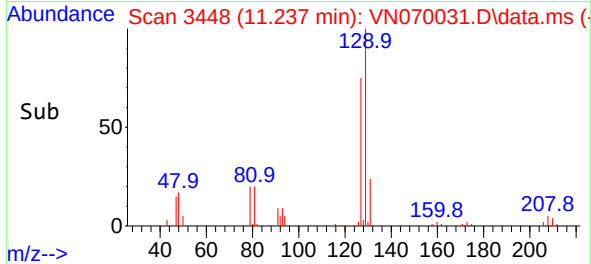
Instrument :
MSVOA_N
ClientSampleId :
ICVNV121321



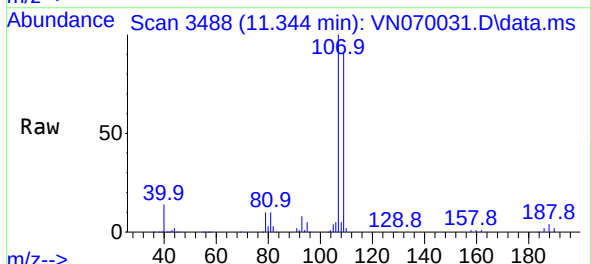
Tgt Ion:129 Resp: 258564
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0

Manual Integrations
APPROVED

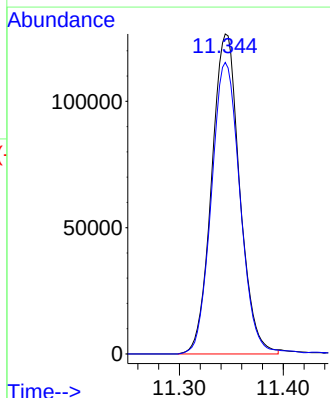
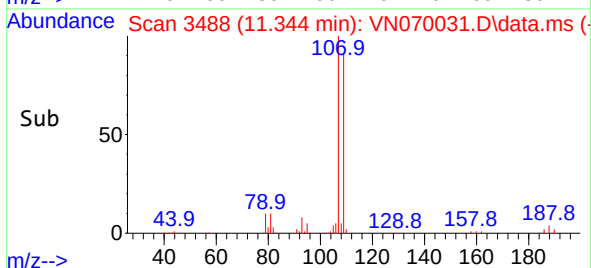
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

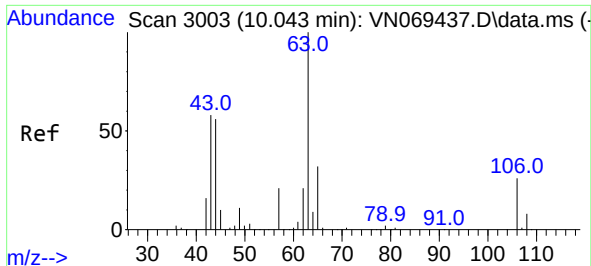


#54
1,2-Dibromoethane
Concen: 18.630 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



Tgt Ion:107 Resp: 237715
Ion Ratio Lower Upper
107 100
109 92.9 72.8 109.2





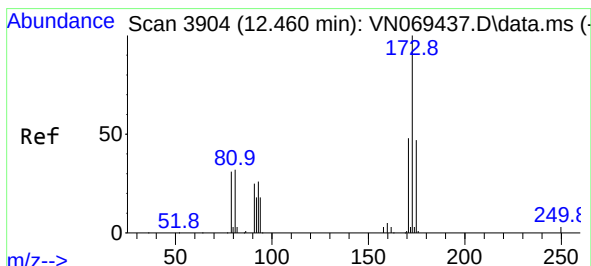
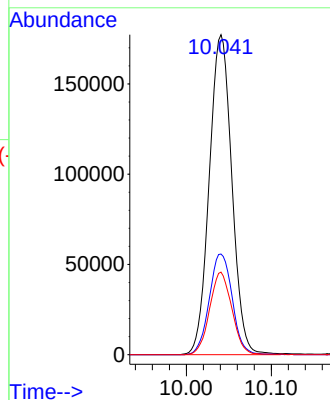
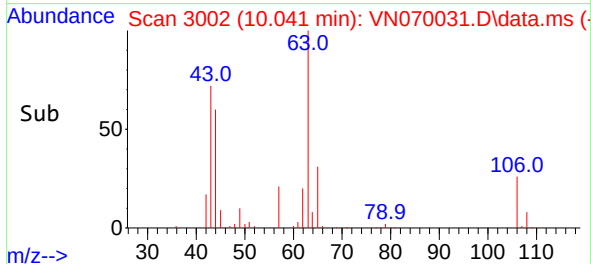
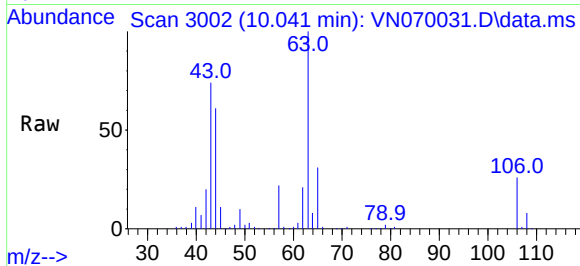
#55
2-Chloroethyl vinyl ether
Concen: 83.456 ug/l
RT: 10.041 min Scan# 3003
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121321

Tgt Ion: 63 Resp: 327470
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 25.4 23.2 34.8

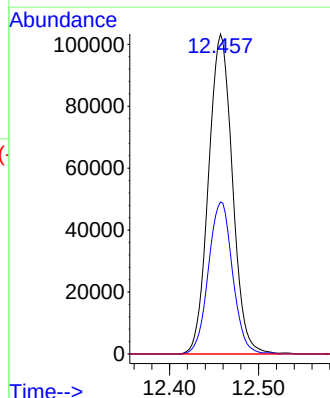
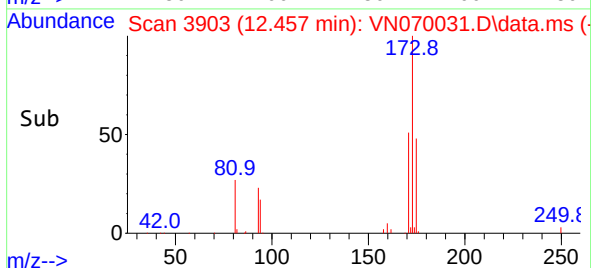
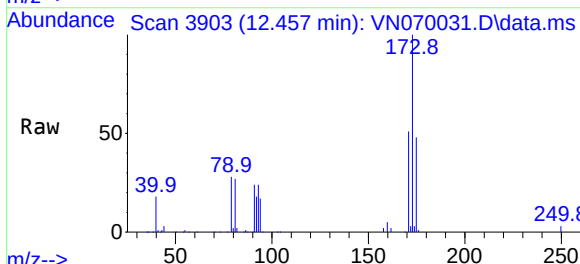
Manual Integrations
APPROVED

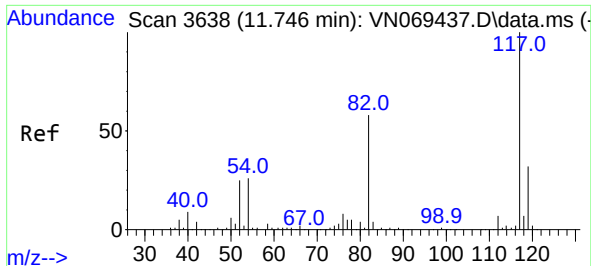
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#56
Bromoform
Concen: 17.993 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion:173 Resp: 192721
Ion Ratio Lower Upper
173 100
175 48.0 38.6 58.0
254 0.0 0.0 0.0





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

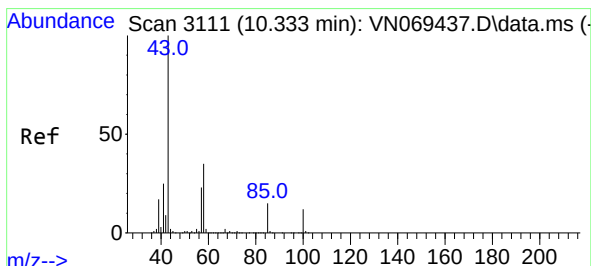
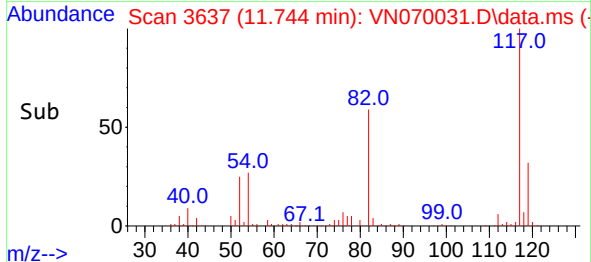
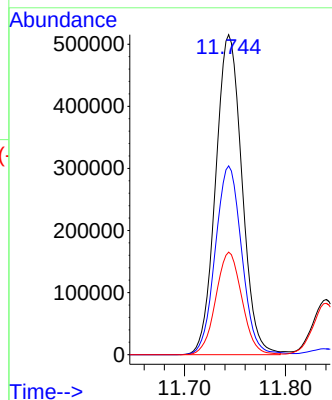
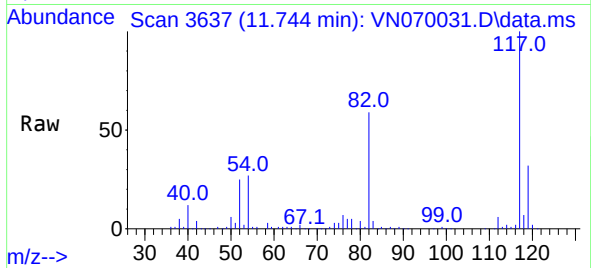
ICNVN121321

Tgt Ion:117 Resp: 931764
Ion Ratio Lower Upper
117 100
82 59.5 43.6 65.4
119 31.9 25.8 38.6

Manual Integrations

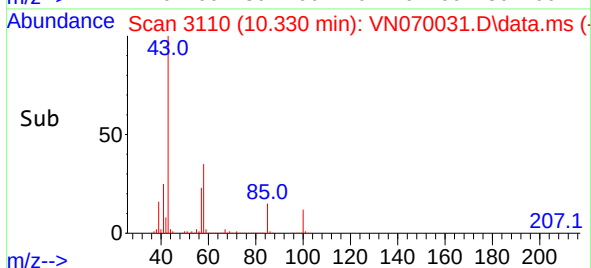
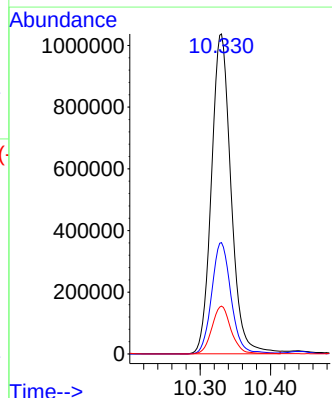
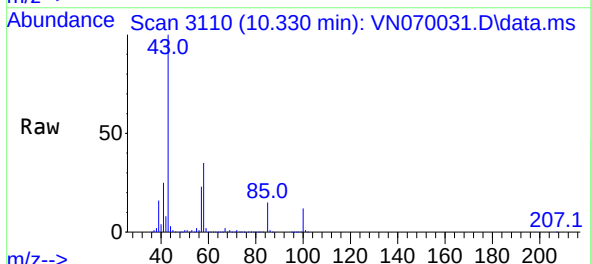
APPROVED

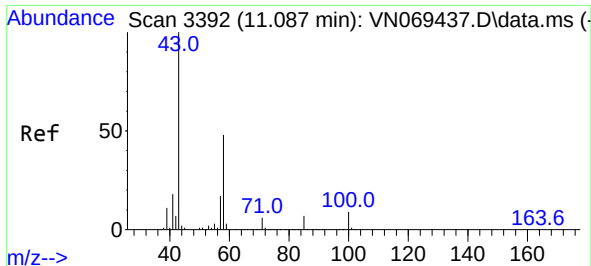
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#58
4-Methyl-2-Pentanone
Concen: 93.534 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion: 43 Resp: 2000320
Ion Ratio Lower Upper
43 100
58 34.2 30.0 45.0
85 14.7 15.0 22.6#





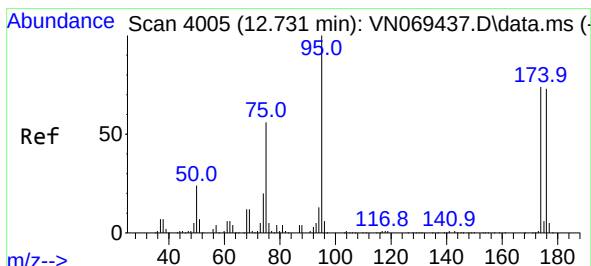
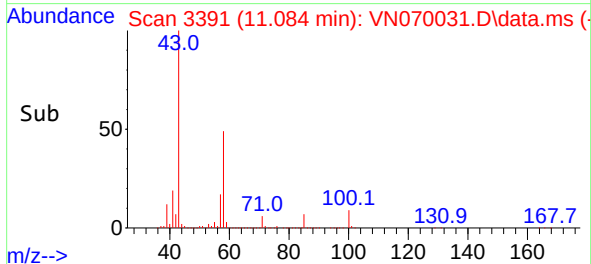
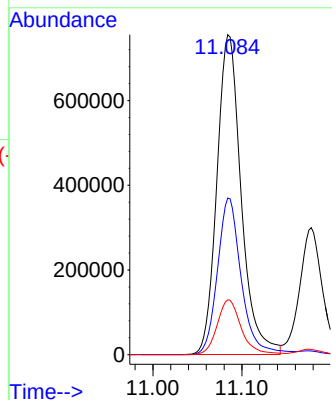
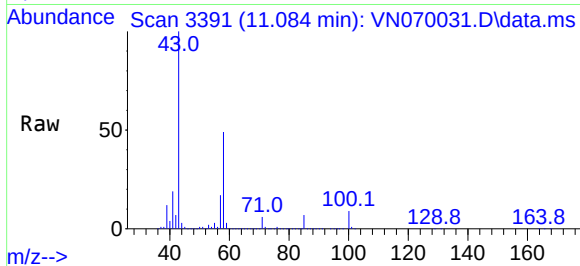
#59
2-Hexanone
Concen: 90.688 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121321

Tgt Ion: 43 Resp: 1433824
Ion Ratio Lower Upper
43 100
58 48.1 42.2 63.2
57 17.1 15.0 22.4

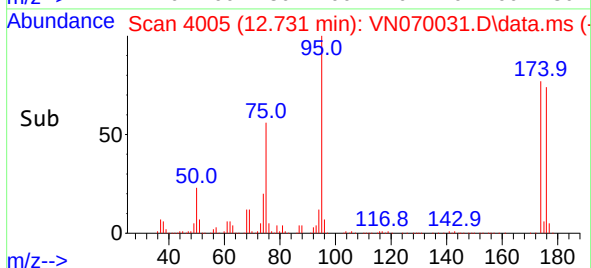
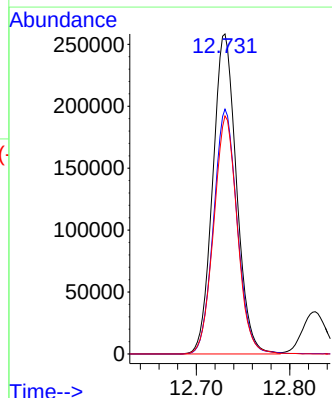
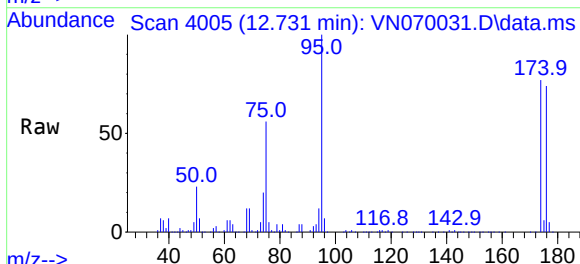
Manual Integrations
APPROVED

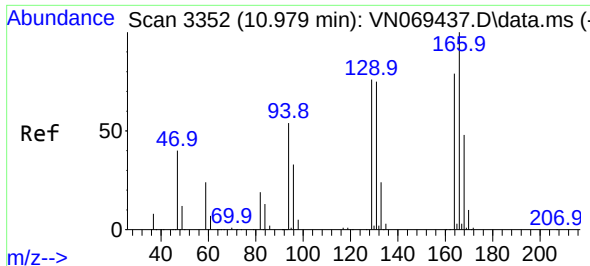
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#60
4-Bromofluorobenzene
Concen: 29.757 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

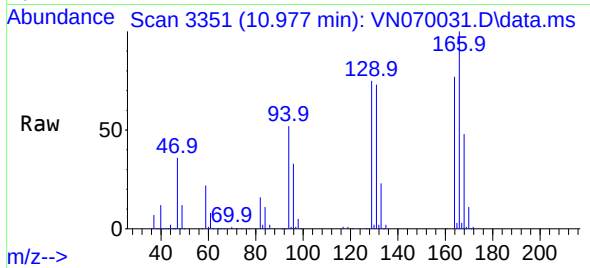
Tgt Ion: 95 Resp: 456227
Ion Ratio Lower Upper
95 100
174 76.4 62.9 94.3
176 73.7 61.0 91.4





#61
Tetrachloroethene
Concen: 19.229 ug/l
RT: 10.977 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

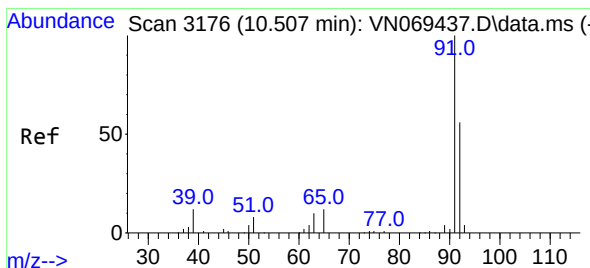
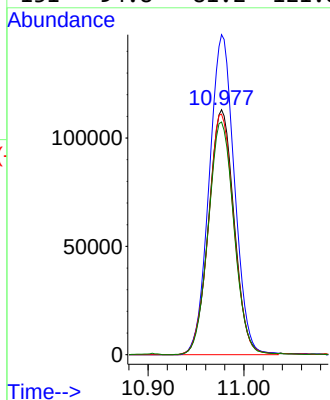
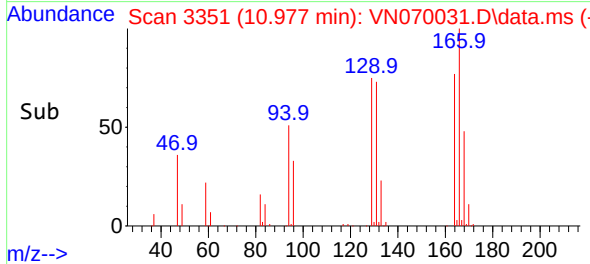
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321



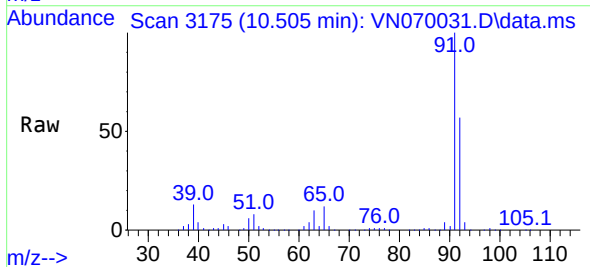
Tgt Ion:164 Resp: 209260
Ion Ratio Lower Upper
164 100
166 130.6 105.8 158.8
129 98.2 82.5 123.7
131 94.8 81.2 121.8

Manual Integrations
APPROVED

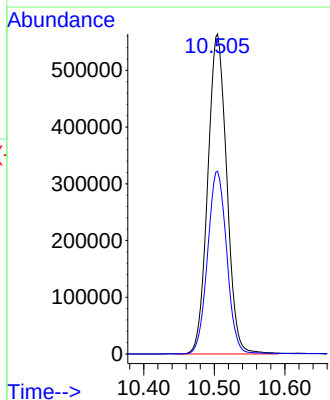
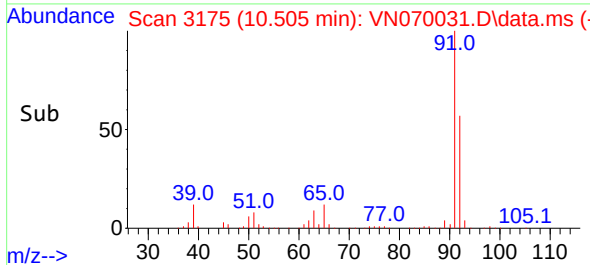
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

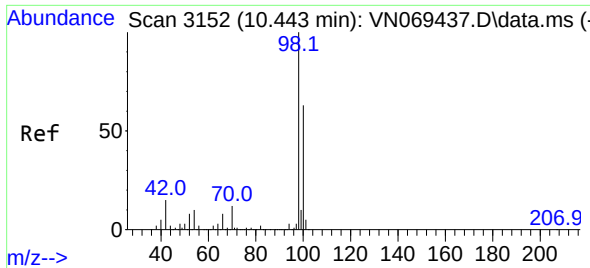


#62
Toluene
Concen: 19.267 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



Tgt Ion: 91 Resp: 1055761
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0





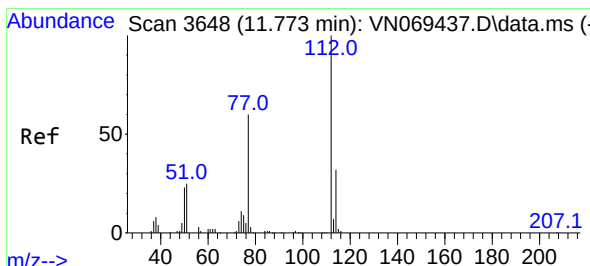
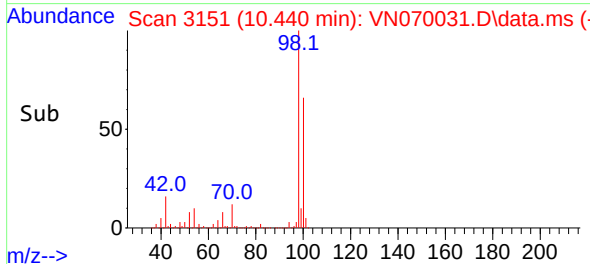
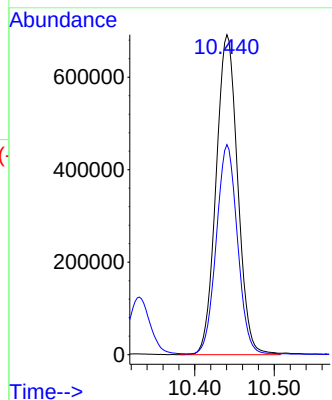
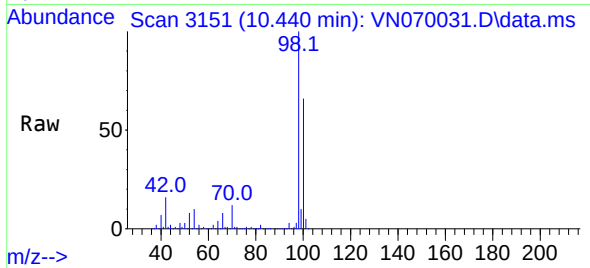
#63
Toluene-d8
Concen: 30.335 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICVVN121321

Tgt Ion: 98 Resp: 130618
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0

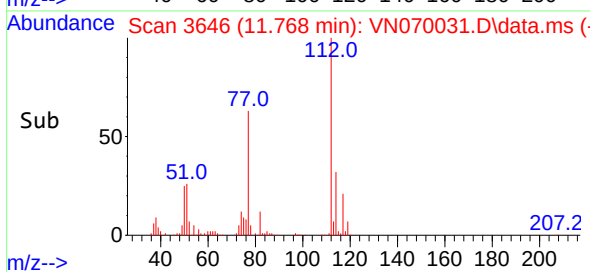
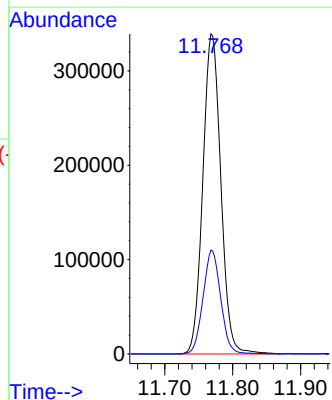
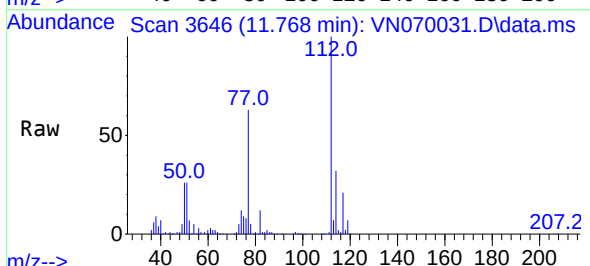
Manual Integrations
APPROVED

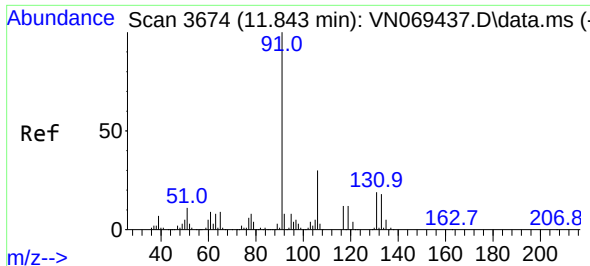
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#64
Chlorobenzene
Concen: 19.196 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion:112 Resp: 624281
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6





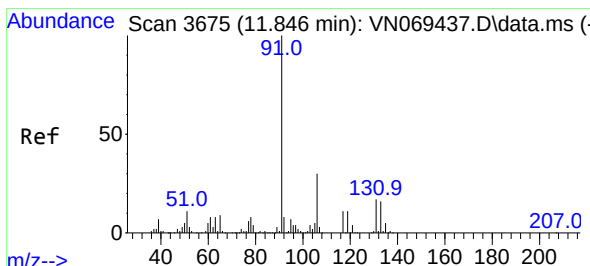
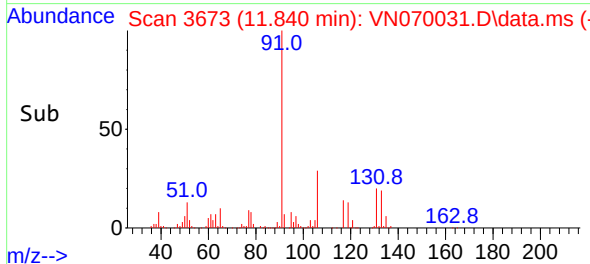
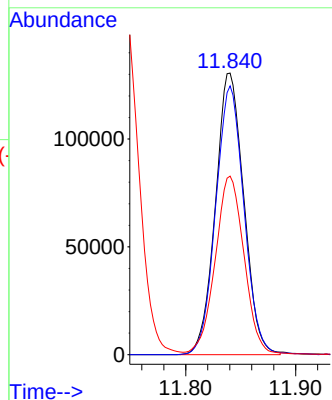
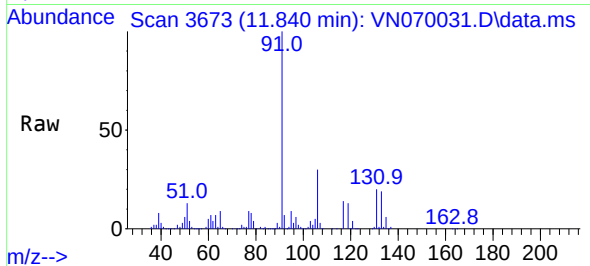
#65
1,1,1,2-Tetrachloroethane
Concen: 19.087 ug/l
RT: 11.840 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321

Tgt Ion:131 Resp: 23380
Ion Ratio Lower Upper
131 100
133 95.1 0.0 191.2
119 64.1 0.0 128.8

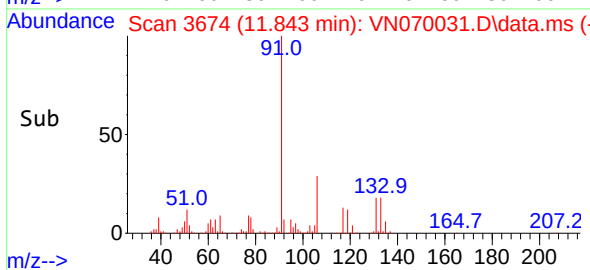
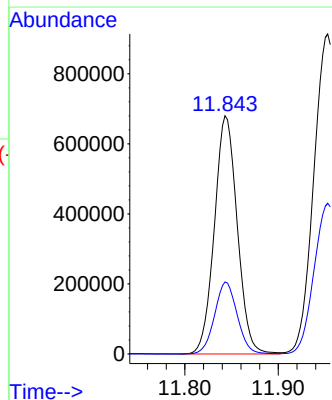
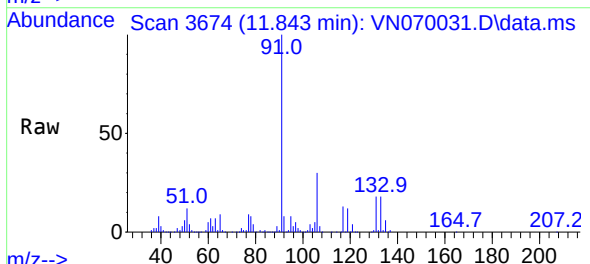
Manual Integrations
APPROVED

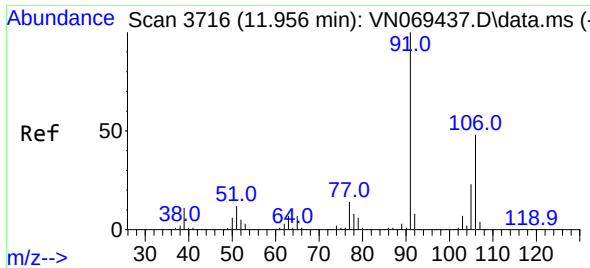
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#66
Ethyl Benzene
Concen: 19.005 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion: 91 Resp: 1157821
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0





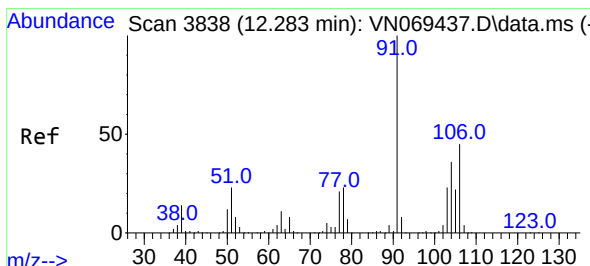
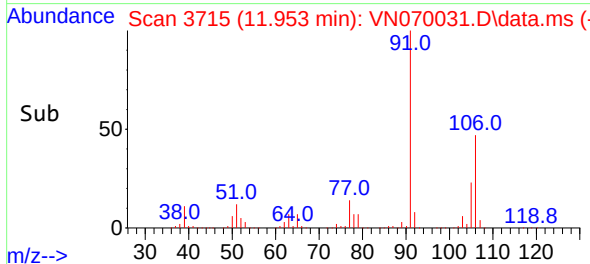
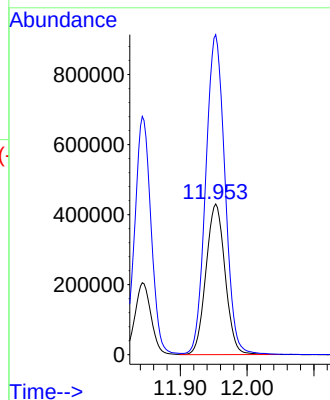
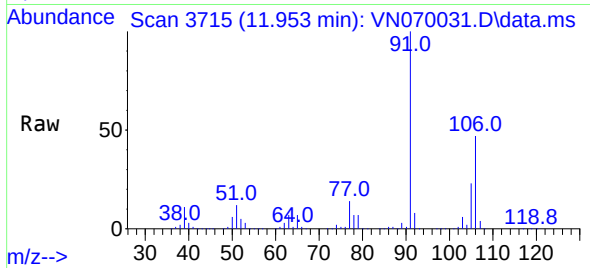
#67
m/p-Xylenes
Concen: 38.451 ug/l
RT: 11.953 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICVNV121321

Tgt Ion:106 Resp: 855818
Ion Ratio Lower Upper
106 100
91 213.1 162.9 244.3

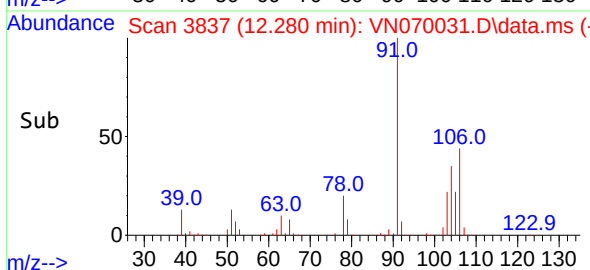
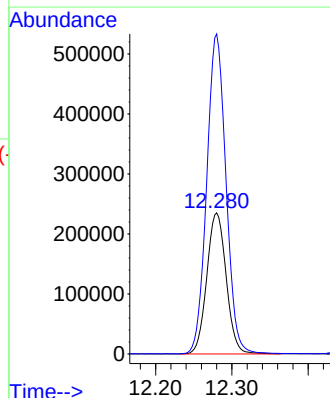
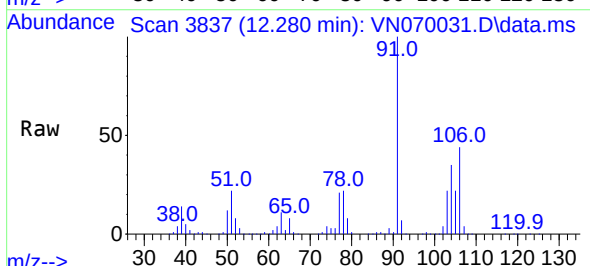
Manual Integrations
APPROVED

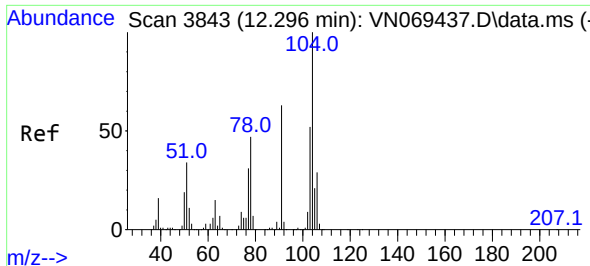
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#68
o-Xylene
Concen: 18.878 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

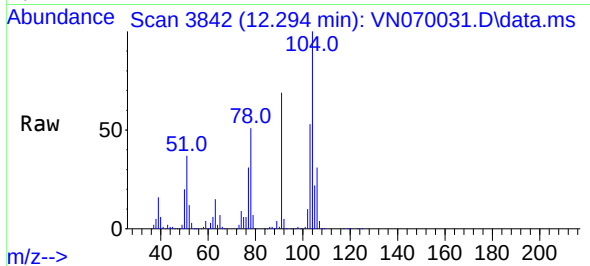
Tgt Ion:106 Resp: 415729
Ion Ratio Lower Upper
106 100
91 225.1 107.7 323.1





#69
Styrene
Concen: 18.900 ug/l
RT: 12.294 min Scan# 3843
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

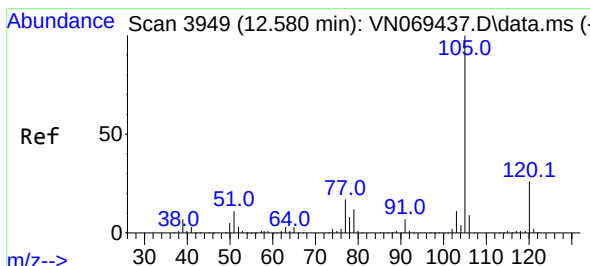
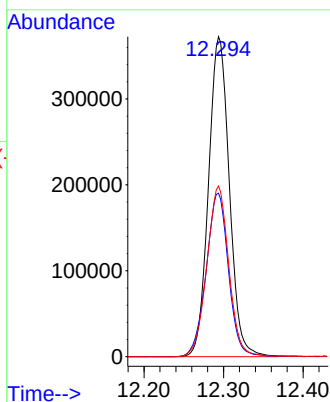
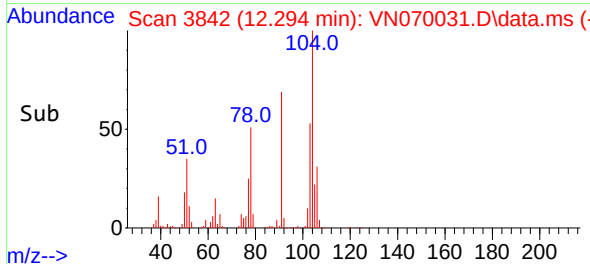
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321



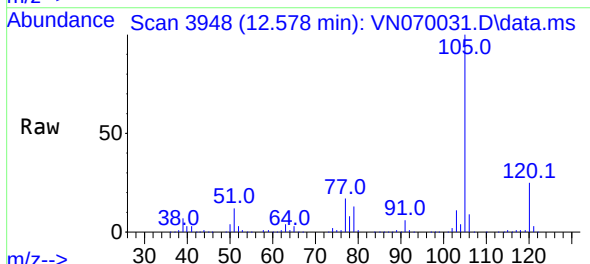
Tgt Ion:104 Resp: 678408
Ion Ratio Lower Upper
104 100
78 54.7 40.7 61.1
103 56.4 45.8 68.8

Manual Integrations
APPROVED

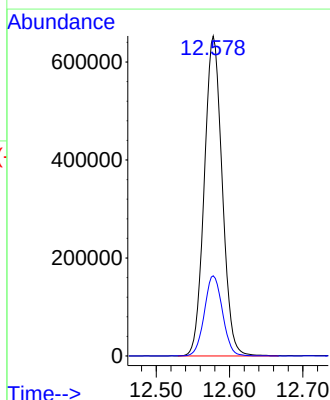
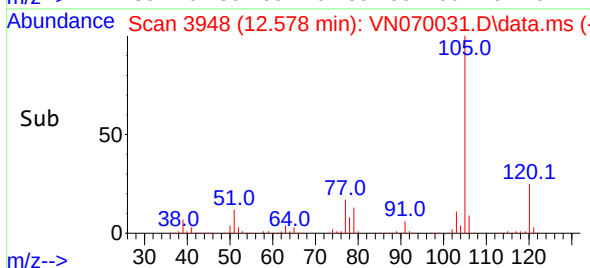
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

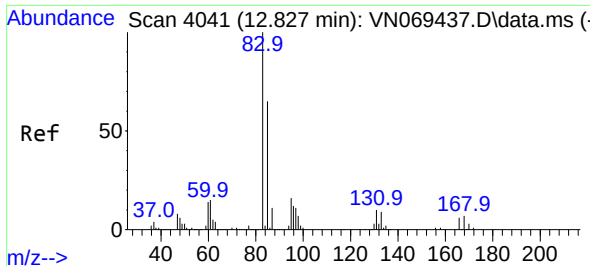


#70
Isopropylbenzene
Concen: 19.145 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



Tgt Ion:105 Resp: 1106181
Ion Ratio Lower Upper
105 100
120 25.4 18.3 34.1





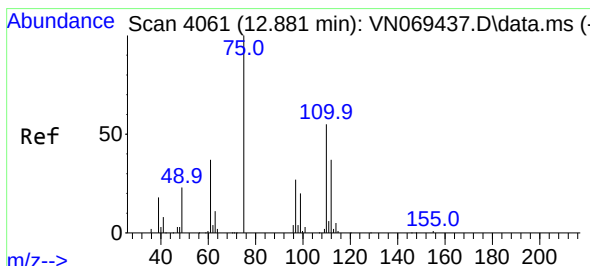
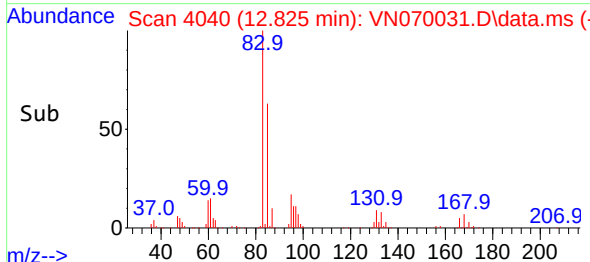
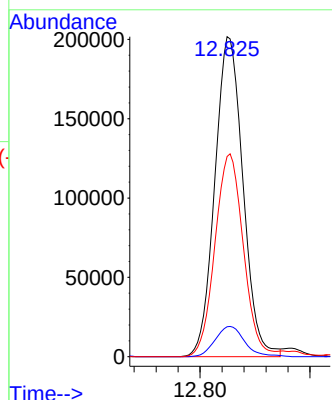
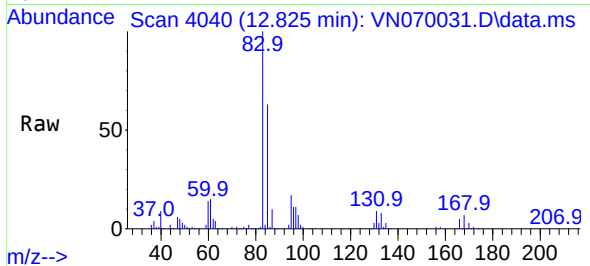
#71
1,1,2,2-Tetrachloroethane
Concen: 18.925 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321

Tgt Ion: 83 Resp: 35863
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 63.9 33.1 99.2

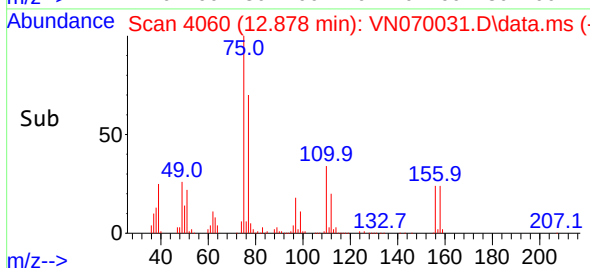
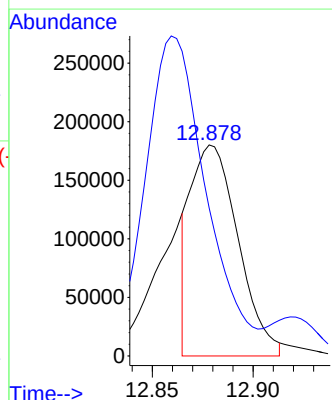
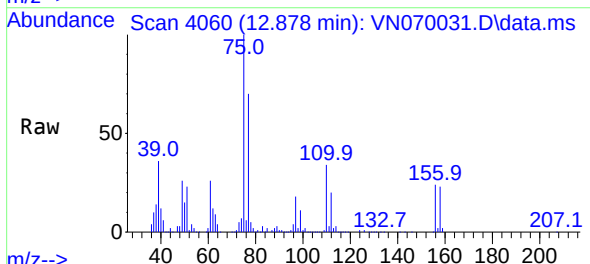
Manual Integrations
APPROVED

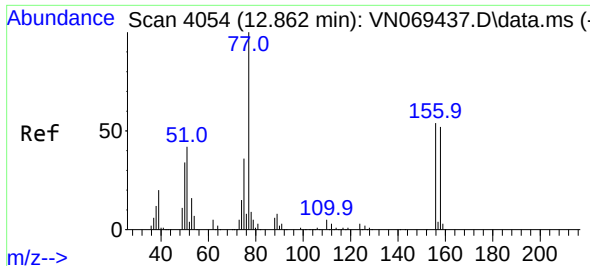
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#72
1,2,3-Trichloropropane
Concen: 16.775 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

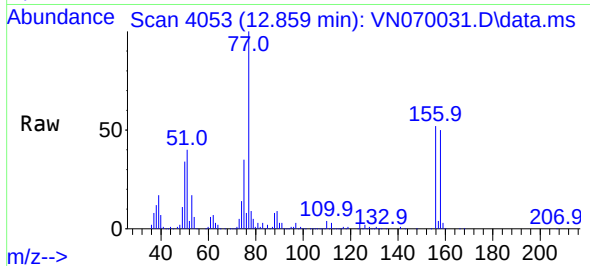
Tgt Ion: 75 Resp: 295822
Ion Ratio Lower Upper
75 100
77 194.2 0.0 378.0





#73
Bromobenzene
Concen: 19.156 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

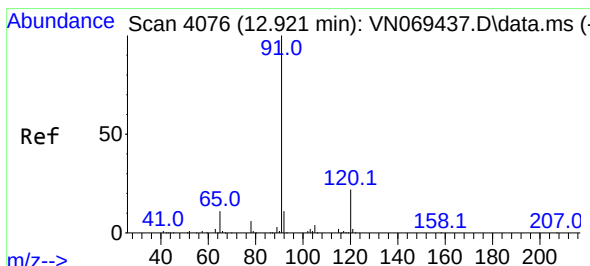
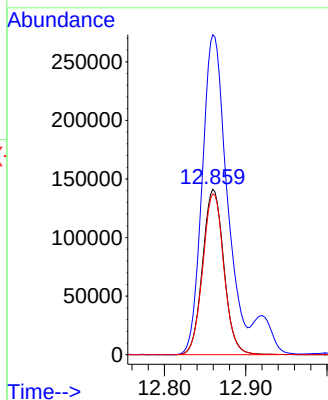
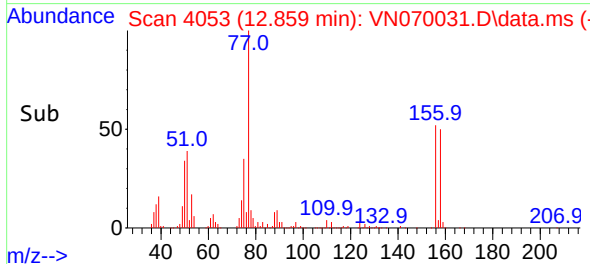
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN121321



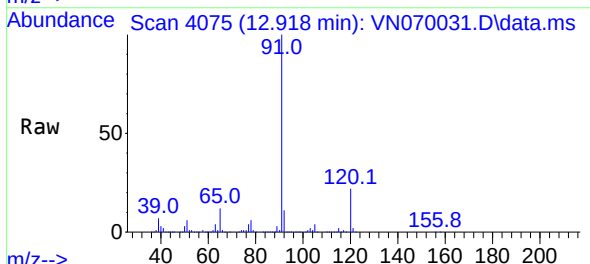
Tgt Ion:156 Resp: 25686
Ion Ratio Lower Upper
156 100
77 223.7 0.0 416.0
158 97.1 0.0 195.4

Manual Integrations
APPROVED

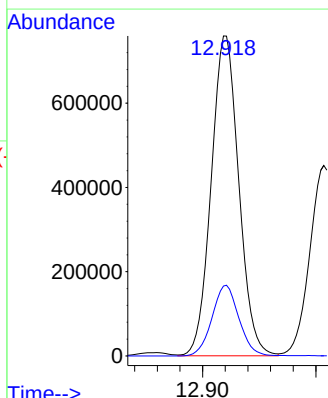
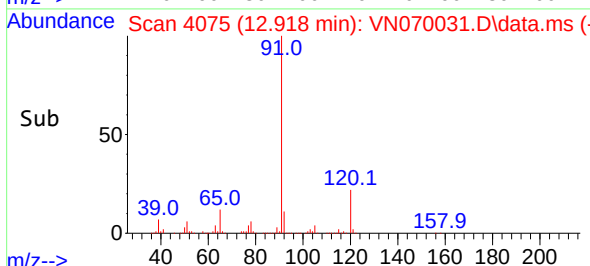
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

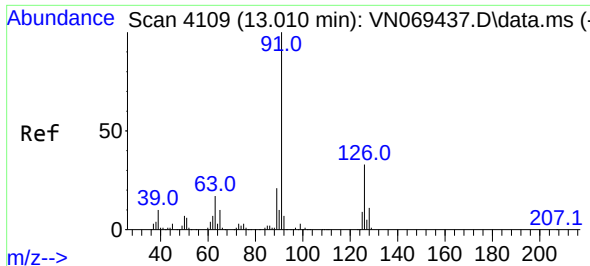


#74
n-propylbenzene
Concen: 19.159 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



Tgt Ion: 91 Resp: 1283094
Ion Ratio Lower Upper
91 100
120 21.5 0.0 45.0





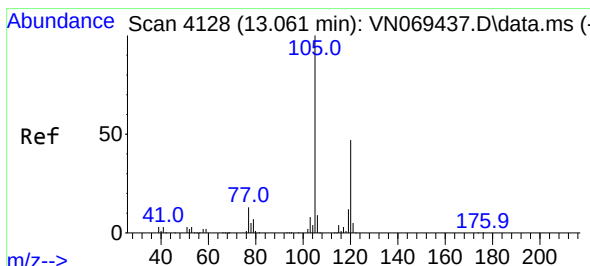
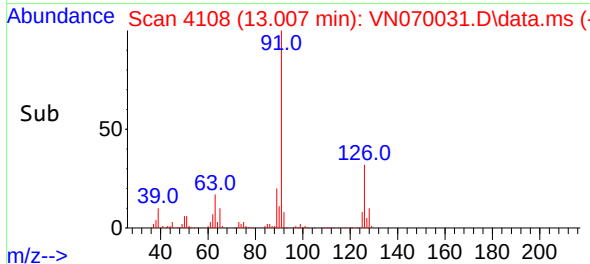
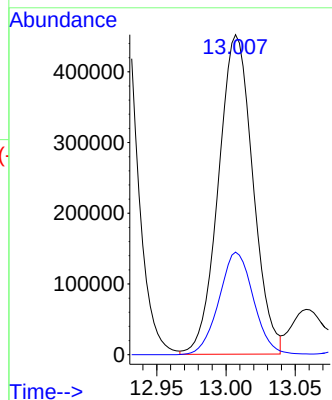
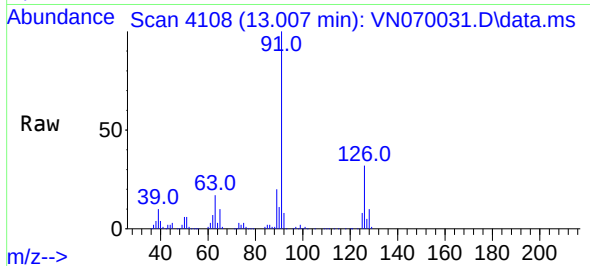
#75
2-Chlorotoluene
Concen: 19.093 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321

Tgt Ion: 91 Resp: 782440
Ion Ratio Lower Upper
91 100
126 32.2 0.0 69.8

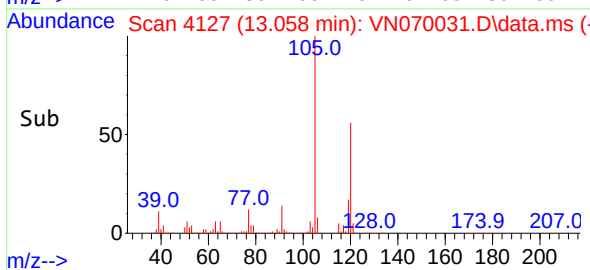
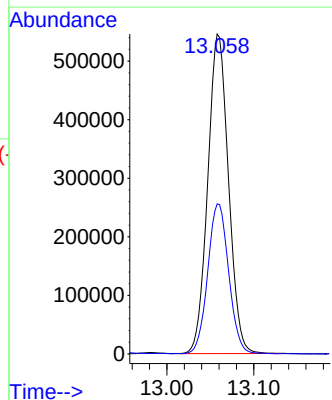
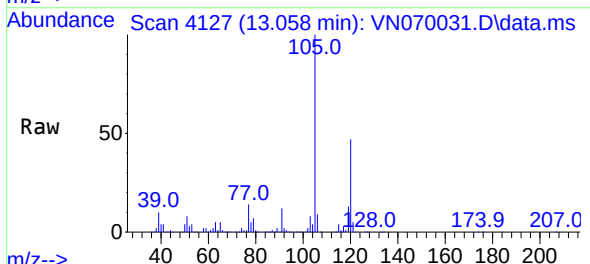
Manual Integrations
APPROVED

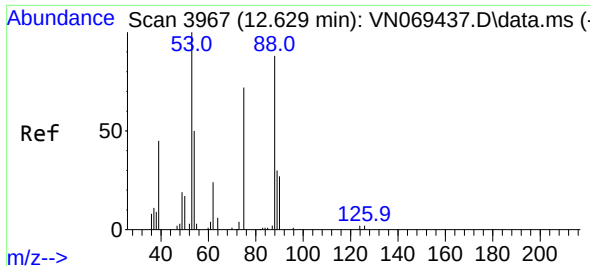
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#76
1,3,5-Trimethylbenzene
Concen: 19.022 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion:105 Resp: 903013
Ion Ratio Lower Upper
105 100
120 47.5 0.0 93.8





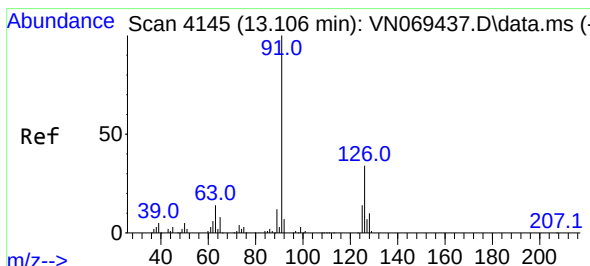
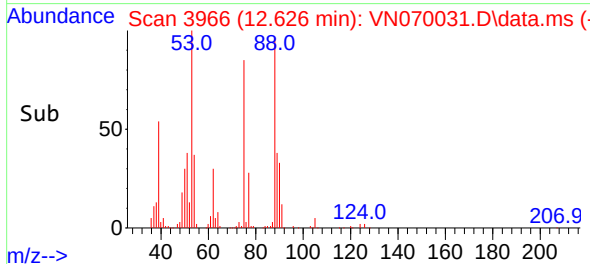
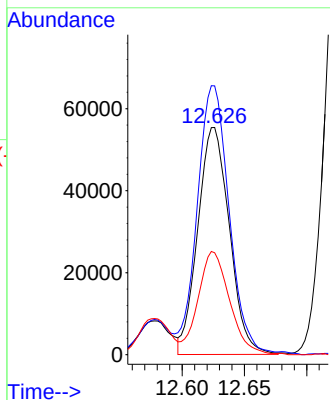
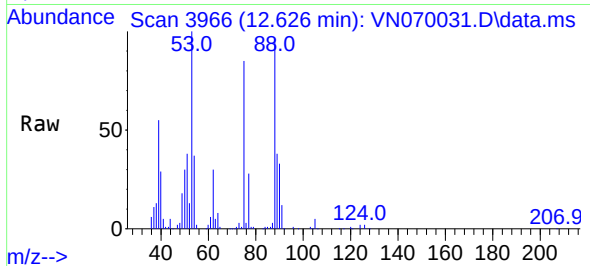
#77
t-1,4-Dichloro-2-butene
Concen: 17.640 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321

Tgt Ion: 75 Resp: 9781
Ion Ratio Lower Upper
75 100
53 118.0 51.8 155.5
89 44.6 22.9 68.7

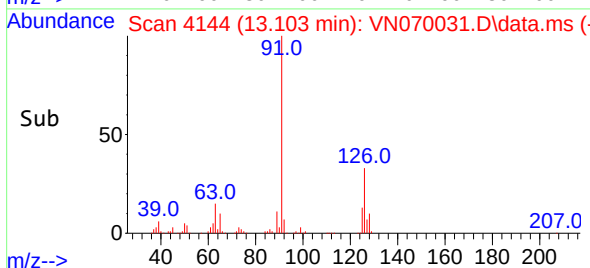
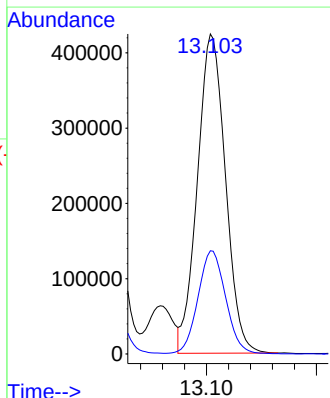
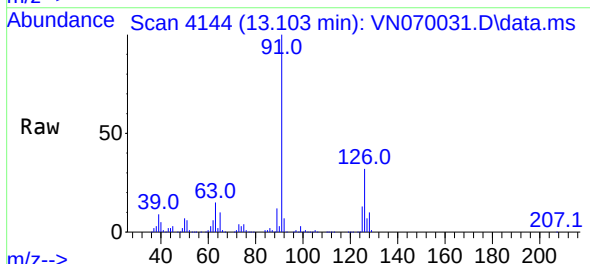
Manual Integrations
APPROVED

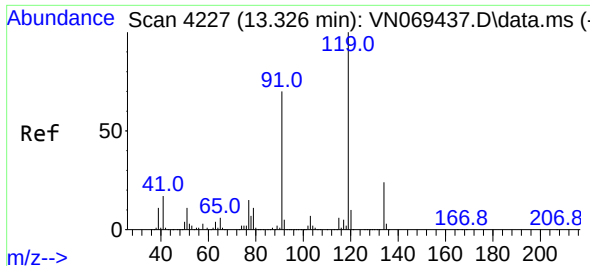
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#78
4-Chlorotoluene
Concen: 19.075 ug/l
RT: 13.103 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion: 91 Resp: 749649
Ion Ratio Lower Upper
91 100
126 31.9 0.0 70.6





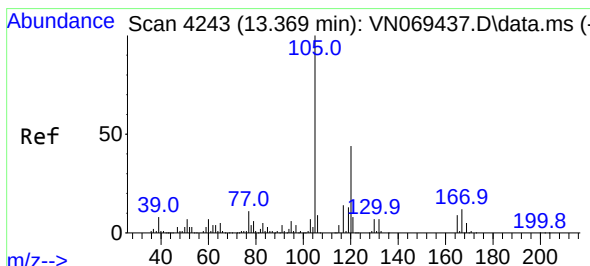
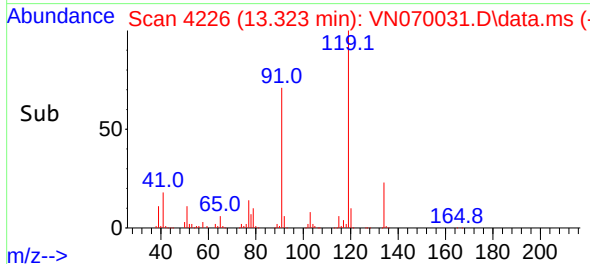
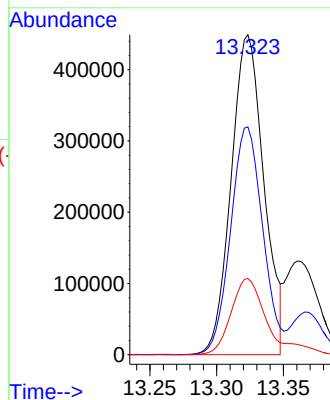
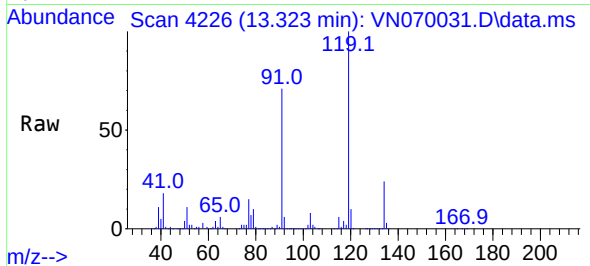
#79
tert-butylbenzene
Concen: 18.645 ug/l
RT: 13.323 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321

Tgt Ion:119 Resp: 76815
Ion Ratio Lower Upper
119 100
91 70.0 0.0 137.0
134 24.0 0.0 47.6

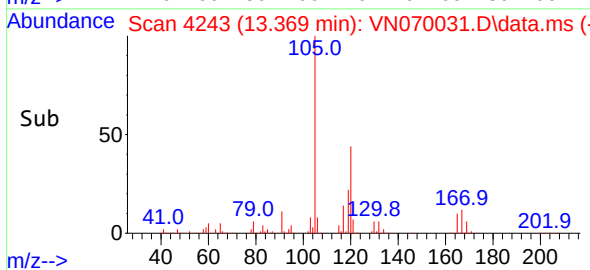
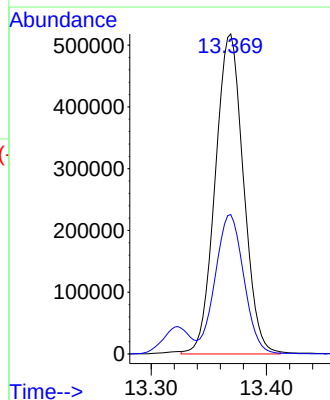
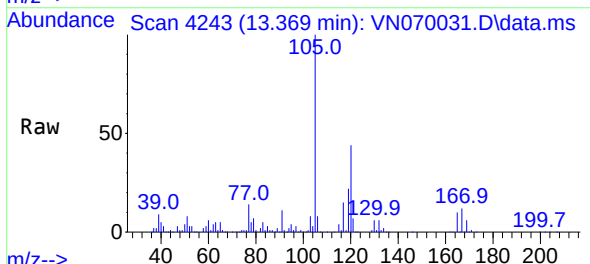
Manual Integrations
APPROVED

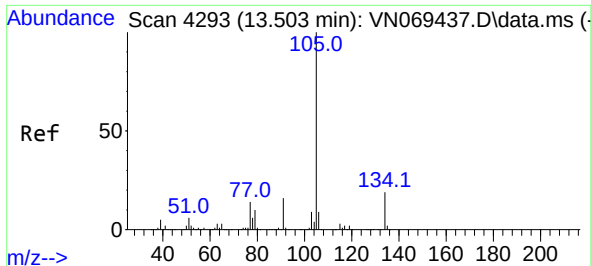
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#80
1,2,4-Trimethylbenzene
Concen: 19.204 ug/l m
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion:105 Resp: 881562
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





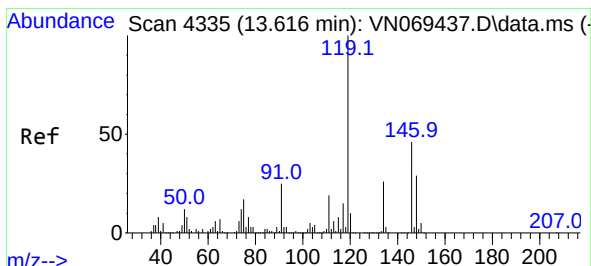
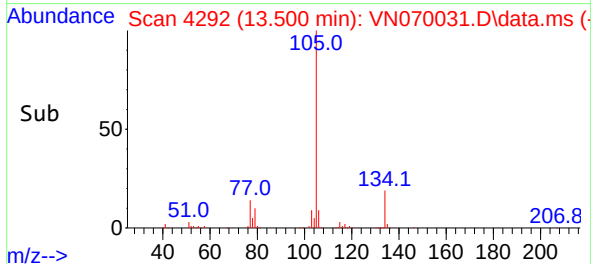
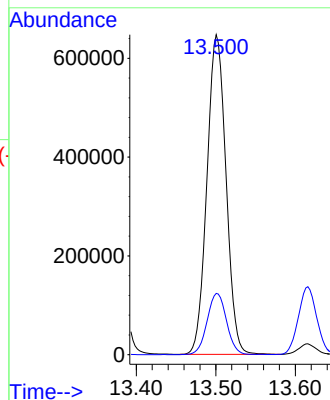
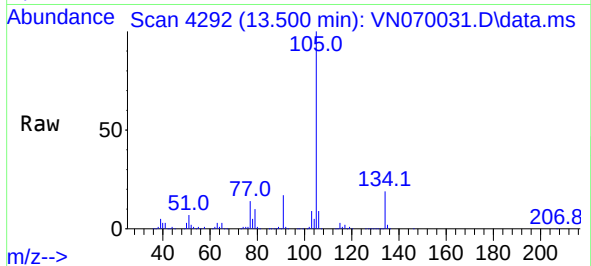
#81
 sec-Butylbenzene
 Concen: 18.773 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.000 min
 Lab File: VN070031.D
 Acq: 13 Dec 2021 13:46

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVN121321

Tgt Ion:105 Resp: 1079250
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4

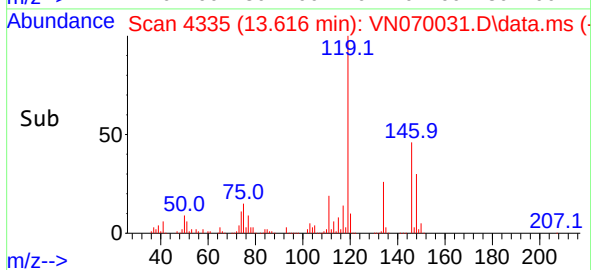
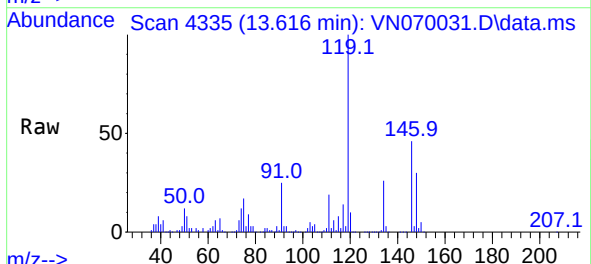
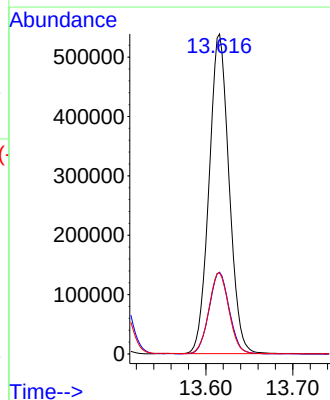
Manual Integrations
 APPROVED

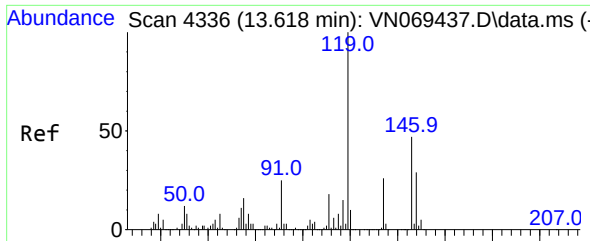
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#82
 p-Isopropyltoluene
 Concen: 18.776 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN070031.D
 Acq: 13 Dec 2021 13:46

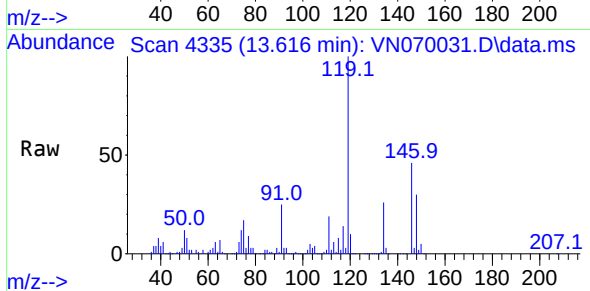
Tgt Ion:119 Resp: 859944
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 51.8
 91 25.3 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 19.411 ug/l
RT: 13.616 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

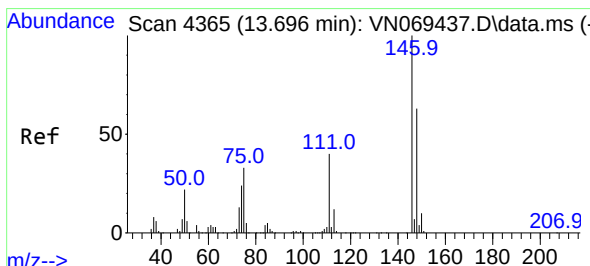
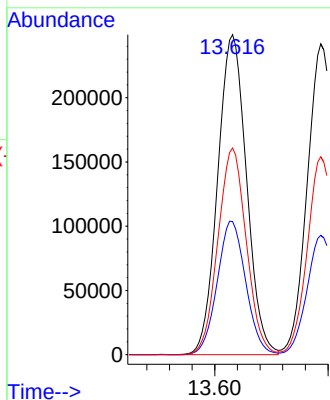
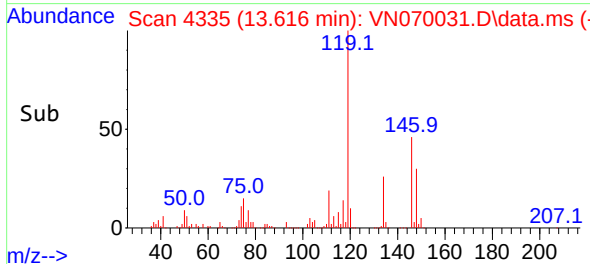
Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321



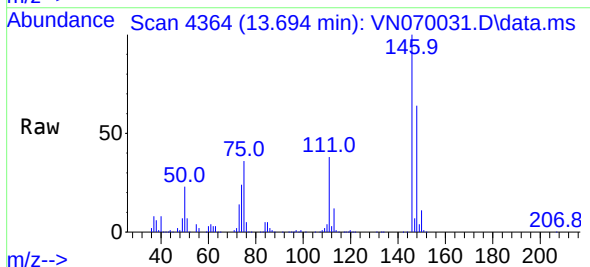
Tgt Ion:146 Resp: 440219
Ion Ratio Lower Upper
146 100
111 41.3 20.8 62.2
148 63.6 31.4 94.3

Manual Integrations
APPROVED

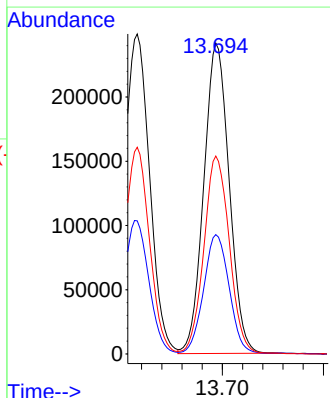
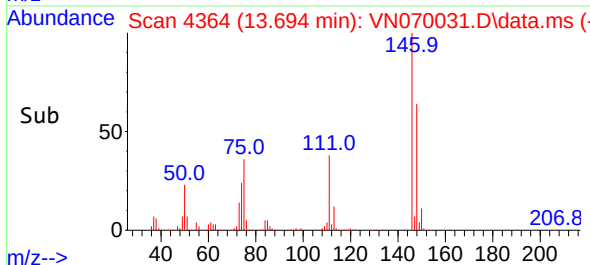
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

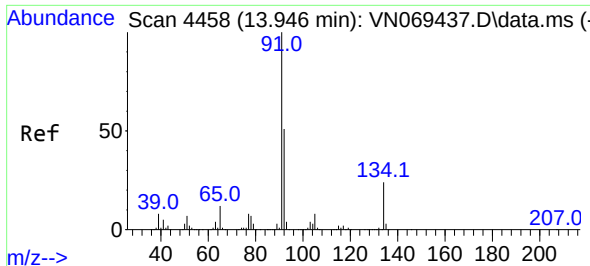


#84
1,4-Dichlorobenzene
Concen: 19.341 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



Tgt Ion:146 Resp: 421912
Ion Ratio Lower Upper
146 100
111 38.8 19.5 58.5
148 63.6 31.1 93.5





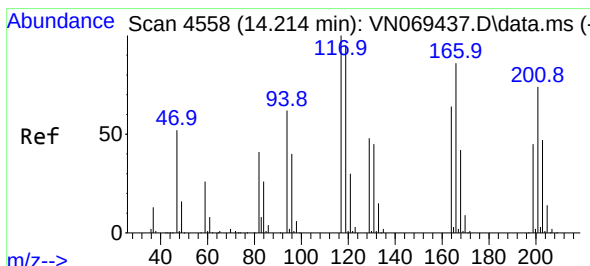
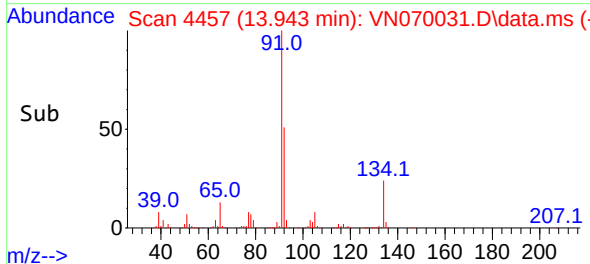
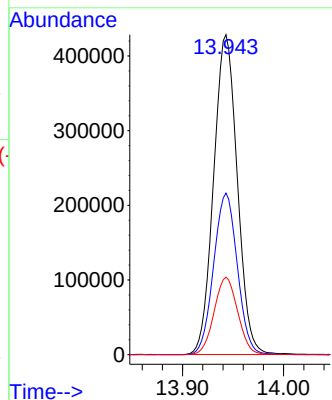
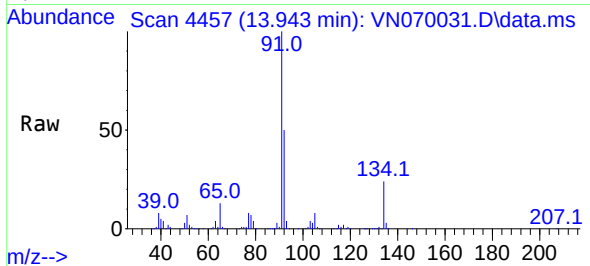
#85
n-Butylbenzene
Concen: 18.204 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICVNV121321

Tgt Ion: 91 Resp: 696582
Ion Ratio Lower Upper
91 100
92 50.6 0.0 100.6
134 24.1 0.0 50.2

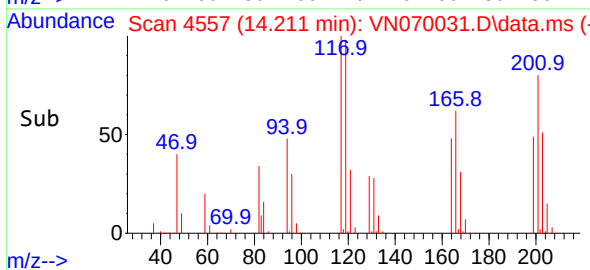
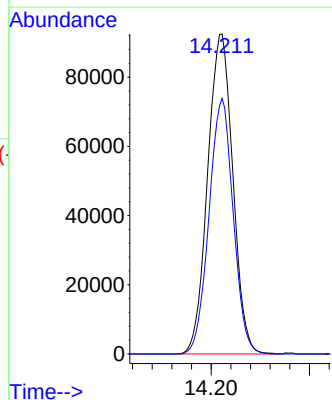
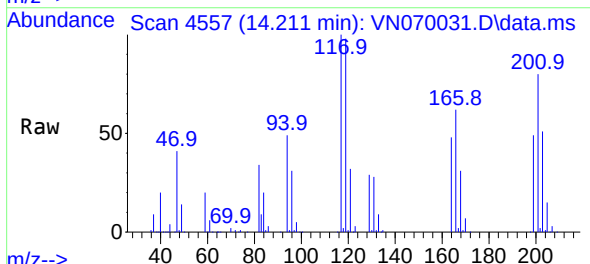
Manual Integrations
APPROVED

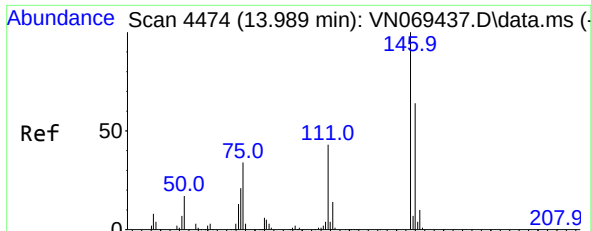
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#86
Hexachloroethane
Concen: 18.036 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

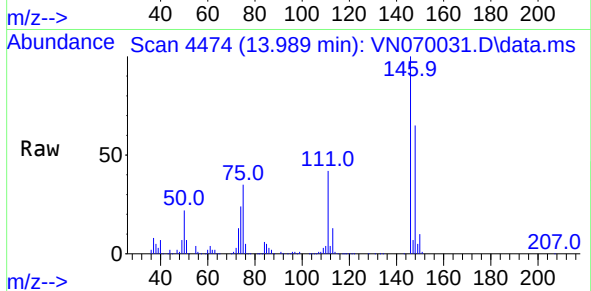
Tgt Ion:117 Resp: 164802
Ion Ratio Lower Upper
117 100
201 76.7 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 19.502 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

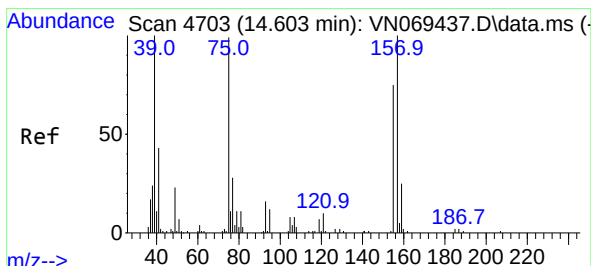
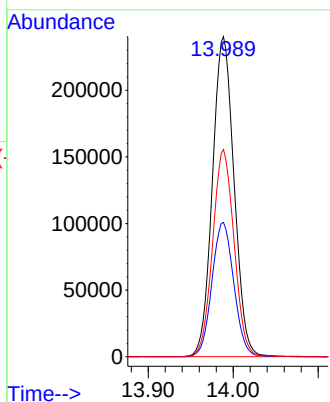
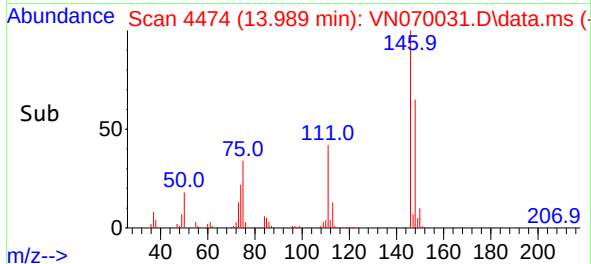
Instrument :
MSVOA_N
ClientSampleId :
ICVNVN121321



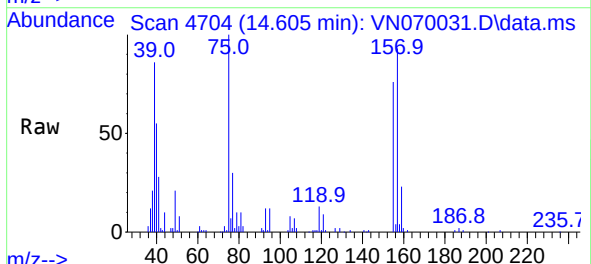
Tgt Ion:146 Resp: 42489
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.2
148 64.1 32.5 97.4

Manual Integrations
APPROVED

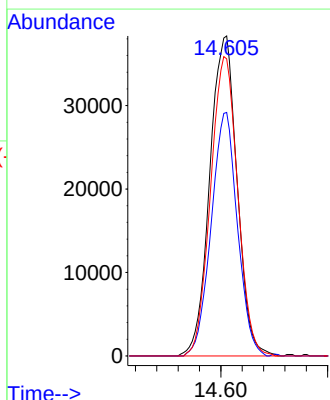
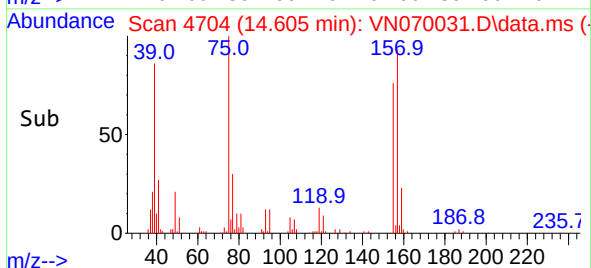
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

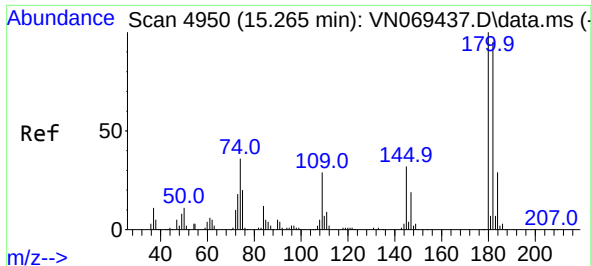


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.799 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46



Tgt Ion: 75 Resp: 68148
Ion Ratio Lower Upper
75 100
155 72.9 63.8 95.8
157 92.7 77.9 116.9





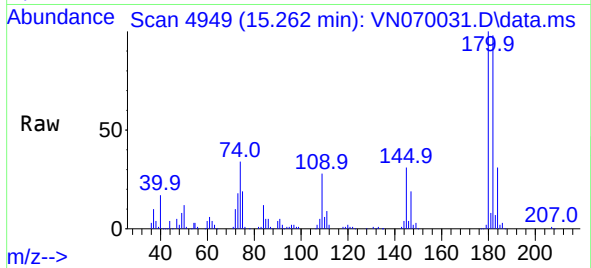
#89
 1,2,4-Trichlorobenzene
 Concen: 19.472 ug/l
 RT: 15.262 min Scan# 4949
 Delta R.T. -0.000 min
 Lab File: VN070031.D
 Acq: 13 Dec 2021 13:46

Instrument :

MSVOA_N

ClientSampleId :

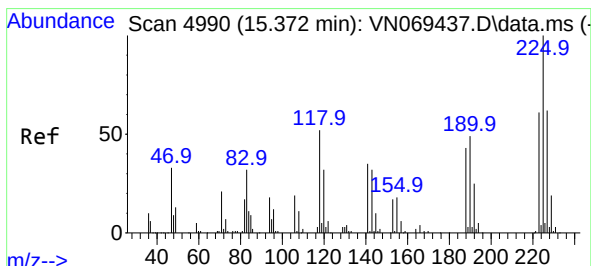
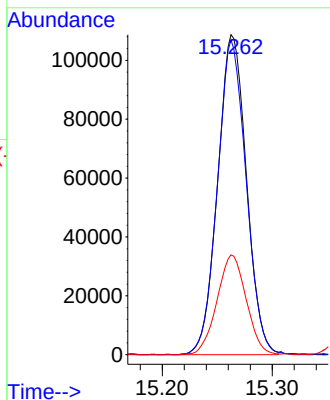
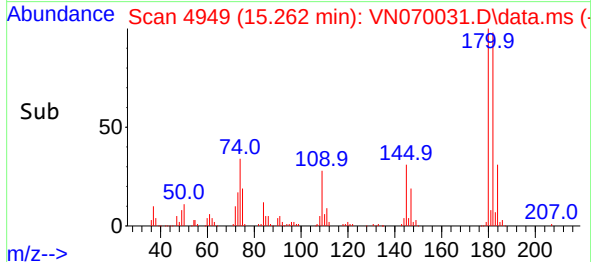
ICVVN121321



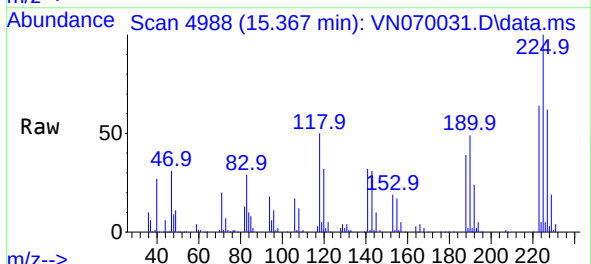
Tgt Ion:180 Resp: 19736
 Ion Ratio Lower Upper
 180 100
 182 97.9 77.7 116.5
 145 31.7 26.6 39.8

Manual Integrations
 APPROVED

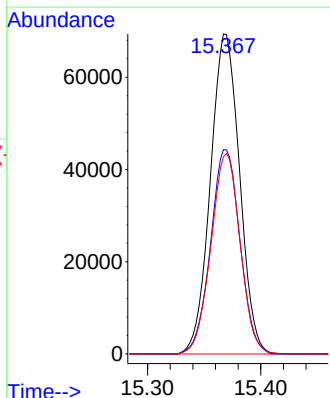
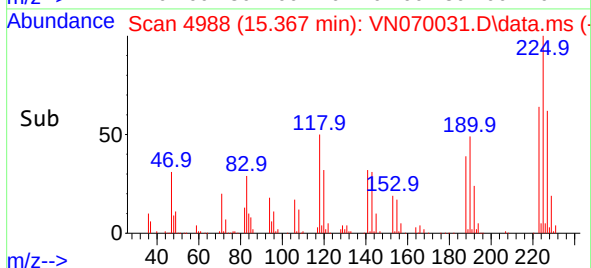
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021

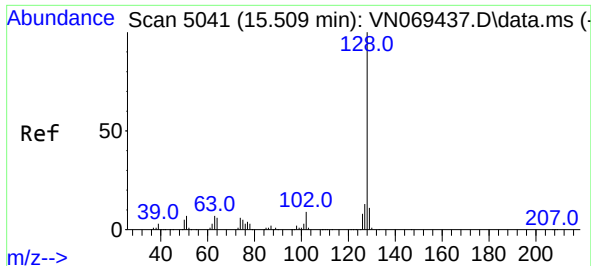


#90
 Hexachlorobutadiene
 Concen: 20.574 ug/l
 RT: 15.367 min Scan# 4988
 Delta R.T. -0.003 min
 Lab File: VN070031.D
 Acq: 13 Dec 2021 13:46



Tgt Ion:225 Resp: 124110
 Ion Ratio Lower Upper
 225 100
 223 64.3 0.0 126.8
 227 62.6 0.0 123.0





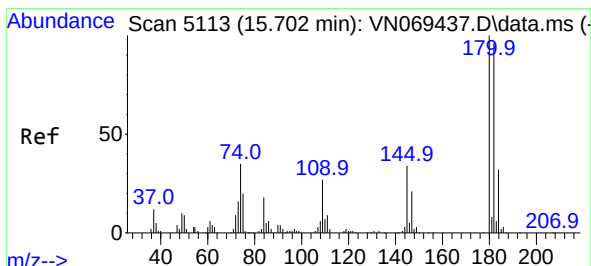
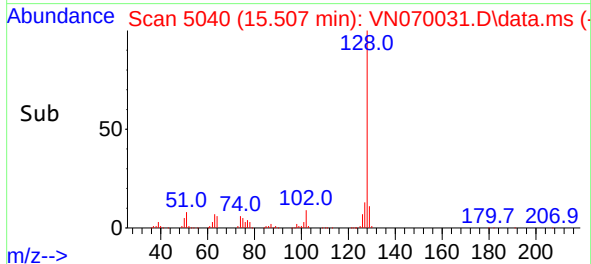
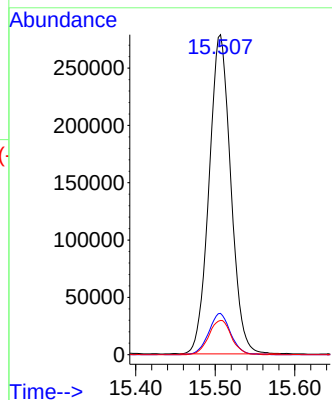
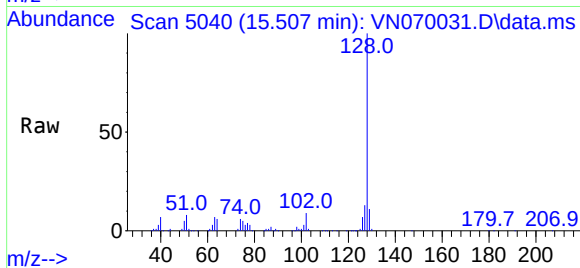
#91
Naphthalene
Concen: 22.136 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. 0.003 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Instrument :
MSVOA_N
ClientSampleId :
ICNVN121321

Tgt Ion:128 Resp: 52852
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.2 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#92
1,2,3-Trichlorobenzene
Concen: 20.467 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070031.D
Acq: 13 Dec 2021 13:46

Tgt Ion:180 Resp: 195997
Ion Ratio Lower Upper
180 100
182 95.9 0.0 190.0
145 33.1 0.0 67.8

