

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070026.D
 Acq On : 13 Dec 2021 10:45
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 13:22:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 13 13:20:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	178966	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	983965	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	883227	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	474212	30.552	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.833%			
60) 4-Bromofluorobenzene	12.731	95	427710	30.261	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.867%			
63) Toluene-d8	10.440	98	1265061	31.021	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 103.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	262126	19.821	ug/l	98
3) Chloromethane	2.306	50	294594	21.365	ug/l	95
4) Vinyl Chloride	2.451	62	269900	19.305	ug/l	99
5) Bromomethane	2.872	94	147960	16.524	ug/l	97
6) Chloroethane	3.030	64	156820	17.778	ug/l	99
7) Trichlorofluoromethane	3.384	101	359504	17.543	ug/l	98
8) Diethyl Ether	3.827	74	136206	21.056	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.216	101	208979	22.038	ug/l #	70
10) 1,1-Dichloroethene	4.186	96	196374	21.957	ug/l	86
11) Methyl Iodide	4.425	142	273457	21.945	ug/l	97
12) Methyl Acetate	4.859	43	459081	17.824	ug/l #	89
13) Acrolein	4.044	56	180596	255.020	ug/l	98
14) Acrylonitrile	5.556	53	660134	93.942	ug/l	99
15) Acetone	4.288	58	278773	119.058	ug/l	74
16) Carbon Disulfide	4.532	76	592336	26.497	ug/l	98
17) Allyl chloride	4.843	41	427338	22.481	ug/l	86
18) Methylene Chloride	5.098	84	232993	20.449	ug/l #	83
19) trans-1,2-Dichloroethene	5.599	96	208126	21.206	ug/l #	83
20) Diisopropyl ether	6.498	45	826125	20.282	ug/l #	94
21) 1,1-Dichloroethane	6.391	63	437082	21.152	ug/l	99
22) cis-1,2-Dichloroethene	7.329	96	240468	19.755	ug/l	89
23) tert-Butyl Alcohol	5.374	59	189796	77.607	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	672050	18.750	ug/l	94
25) Chloroform	7.817	83	437334	20.469	ug/l	99
26) Cyclohexane	8.099	56	404447	20.615	ug/l #	87
29) 1,1-Dichloropropene	8.222	75	326794	21.757	ug/l	94
30) 2-Butanone	7.337	43	1121735	103.176	ug/l #	91
31) 2,2-Dichloropropane	7.324	77	326802	20.581	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	367577	20.963	ug/l #	92
33) Carbon Tetrachloride	8.206	117	332469	22.957	ug/l	98
34) Benzene	8.461	78	957125	20.954	ug/l #	94
35) Methacrylonitrile	7.638	41	189545	19.009	ug/l	90
36) 1,2-Dichloroethane	8.531	62	375636	21.331	ug/l	98
37) Trichloroethene	9.217	130	224203	20.317	ug/l	91
38) Methylcyclohexane	9.459	83	377624	20.321	ug/l	88
39) 1,2-Dichloropropane	9.491	63	253314	20.939	ug/l	100
40) Dibromomethane	9.577	93	169358	20.903	ug/l	95
41) Bromodichloromethane	9.759	83	354093	23.284	ug/l	94
42) Vinyl Acetate	6.436	43	3132380m	101.950	ug/l	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.412	43	360196	17.877	ug/l	98
44) Isopropyl Acetate	8.560	43	587713	18.710	ug/l	95
45) 1,4-Dioxane	9.566	88	86123	337.757	ug/l #	86
46) Methyl methacrylate	9.558	41	283793	19.617	ug/l	82
47) n-amyl Acetate	12.387	43	362644	15.034	ug/l	99
48) t-1,3-Dichloropropene	10.717	75	332169	20.353	ug/l	97
49) cis-1,3-Dichloropropene	10.188	75	368360	20.742	ug/l	93
50) 1,1,2-Trichloroethane	10.899	97	226487	19.686	ug/l	97
51) Ethyl methacrylate	10.762	69	329553	17.085	ug/l	90
52) 1,3-Dichloropropane	11.044	76	402616	20.259	ug/l	98
53) Dibromochloromethane	11.237	129	249633	22.706	ug/l	100
54) 1,2-Dibromoethane	11.344	107	222049	18.636	ug/l	96
55) 2-Chloroethyl vinyl ether	10.041	63	304343	69.363	ug/l	96
56) Bromoform	12.457	173	183066	23.220	ug/l #	99
58) 4-Methyl-2-Pentanone	10.330	43	1920965	99.083	ug/l #	93
59) 2-Hexanone	11.084	43	1422976	96.490	ug/l	94
61) Tetrachloroethene	10.977	164	207403	21.879	ug/l	94
62) Toluene	10.505	91	1019668	21.009	ug/l	99
64) Chlorobenzene	11.771	112	593027	20.366	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.840	131	224767	21.925	ug/l	99
66) Ethyl Benzene	11.843	91	1122131	20.888	ug/l	98
67) m/p-Xylenes	11.953	106	821860	41.189	ug/l	93
68) o-Xylene	12.280	106	404151	20.229	ug/l	96
69) Styrene	12.294	104	647191	19.981	ug/l	97
70) Isopropylbenzene	12.578	105	1050737	20.110	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.825	83	347914	20.180	ug/l	97
72) 1,2,3-Trichloropropane	12.878	75	338291m	20.142	ug/l	
73) Bromobenzene	12.860	156	242384	20.124	ug/l	92
74) n-propylbenzene	12.921	91	1205983	20.098	ug/l	99
75) 2-Chlorotoluene	13.007	91	741553	20.301	ug/l	95
76) 1,3,5-Trimethylbenzene	13.058	105	863440	20.134	ug/l	99
77) t-1,4-Dichloro-2-butene	12.626	75	89632	19.770	ug/l	85
78) 4-Chlorotoluene	13.106	91	705102	20.156	ug/l	93
79) tert-butylbenzene	13.323	119	733353	19.440	ug/l	98
80) 1,2,4-Trimethylbenzene	13.366	105	841034m	20.104	ug/l	
81) sec-Butylbenzene	13.503	105	1019907	19.323	ug/l	100
82) p-Isopropyltoluene	13.616	119	822512	19.531	ug/l	99
83) 1,3-Dichlorobenzene	13.616	146	408388	19.832	ug/l	99
84) 1,4-Dichlorobenzene	13.694	146	387993	19.422	ug/l	98
85) n-Butylbenzene	13.943	91	647784	18.430	ug/l	99
86) Hexachloroethane	14.209	117	157858	22.649	ug/l	87
87) 1,2-Dichlorobenzene	13.989	146	398732	20.063	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.603	75	60177	19.939	ug/l	94
89) 1,2,4-Trichlorobenzene	15.263	180	170568	17.900	ug/l	96
90) Hexachlorobutadiene	15.370	225	113706	22.066	ug/l	99
91) Naphthalene	15.507	128	389581	14.192	ug/l	99
92) 1,2,3-Trichlorobenzene	15.700	180	163627	17.467	ug/l	99

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

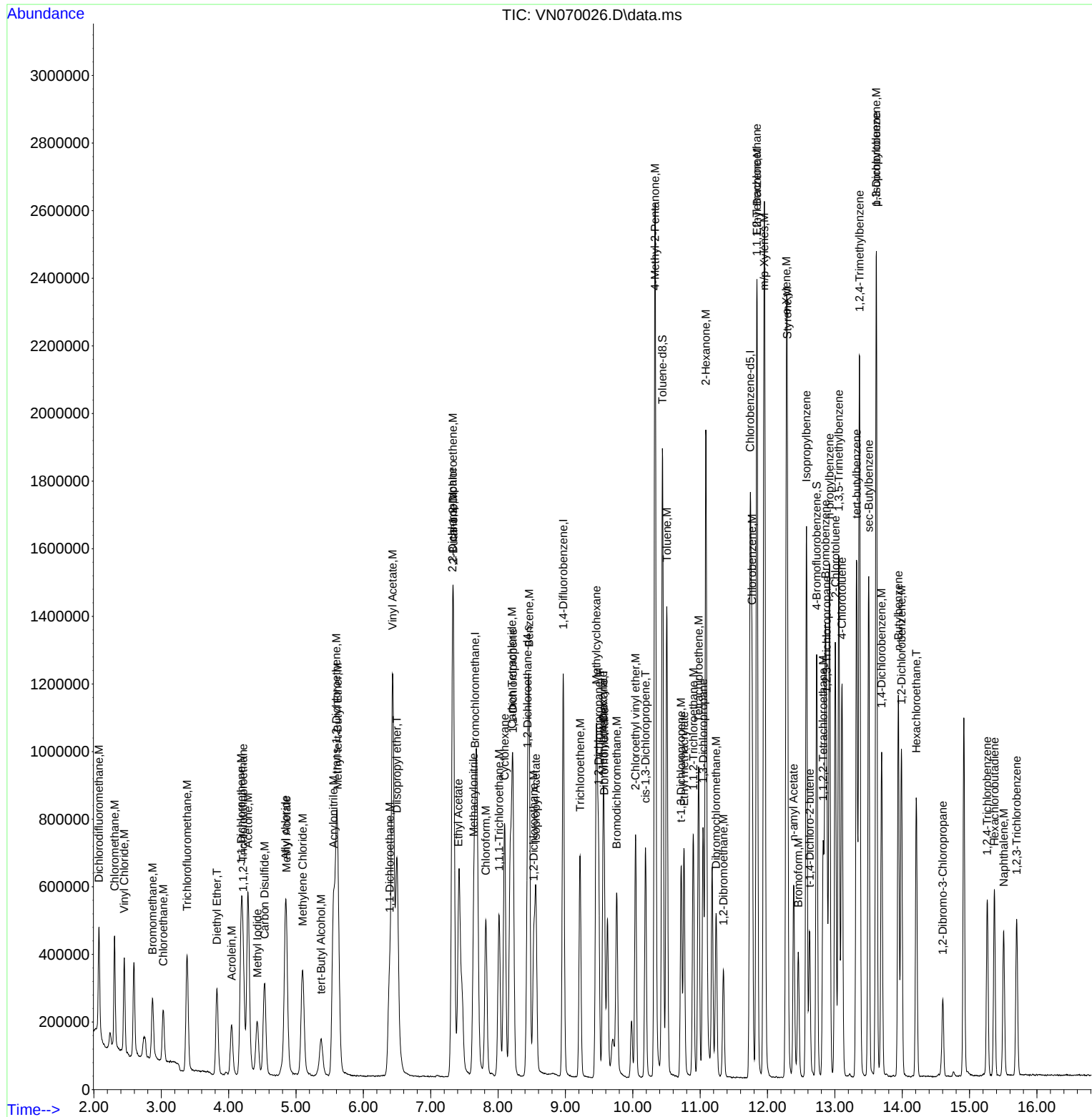
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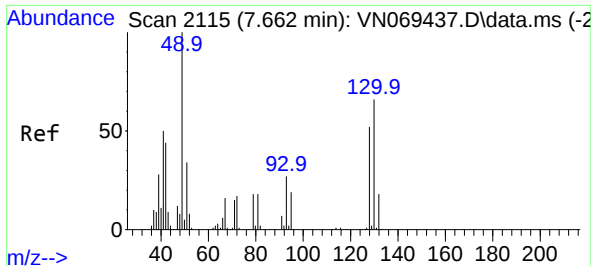
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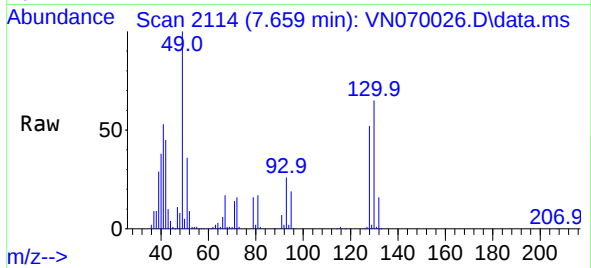
Reviewed By : John Carlone 12/14/2021
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

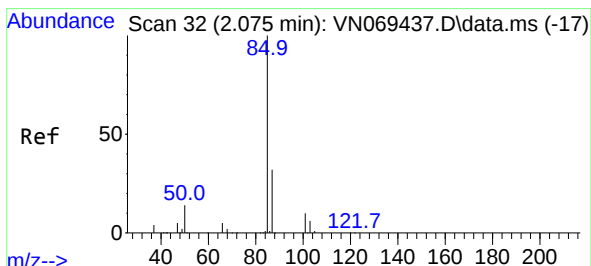
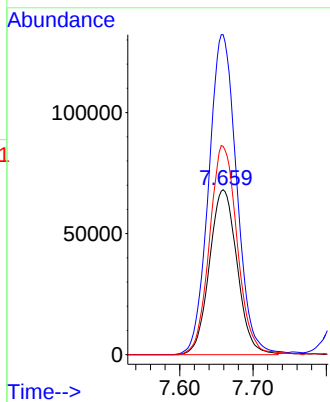
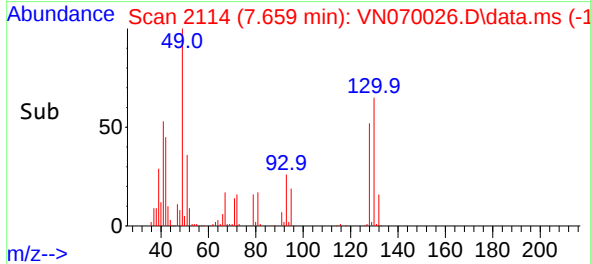
Instrument :
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VSTDICCC020



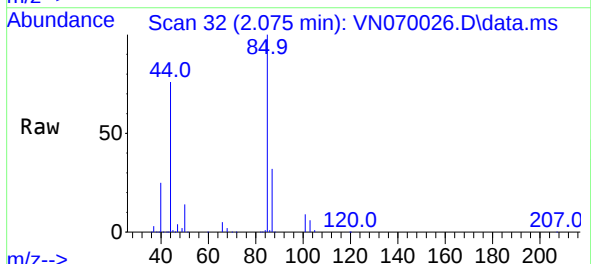
Tgt Ion:128 Resp: 178960
Ion Ratio Lower Upper
128 100
49 196.1 0.0 392.3
130 127.3 0.0 320.2

Manual Integrations
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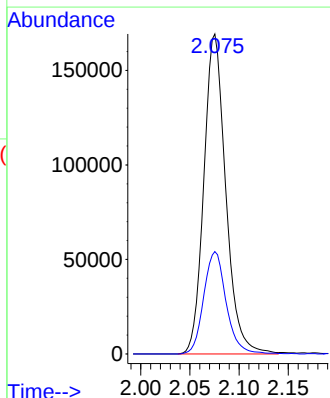
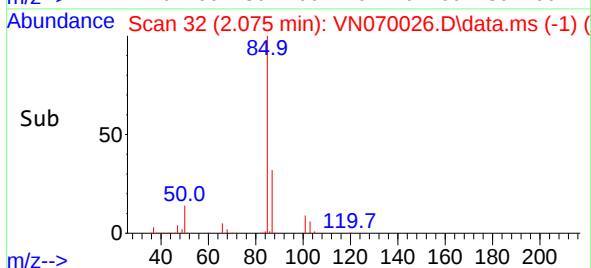
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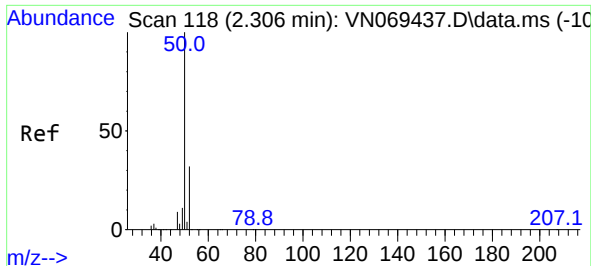


#2
Dichlorodifluoromethane
Concen: 19.821 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



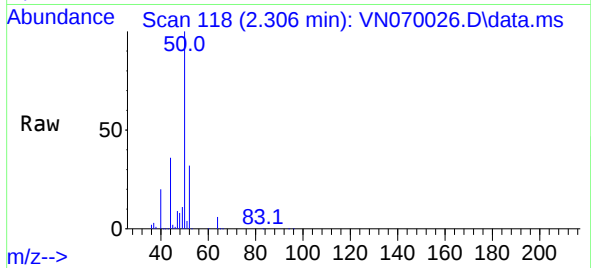
Tgt Ion: 85 Resp: 262126
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.7





#3
Chloromethane
Concen: 21.365 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

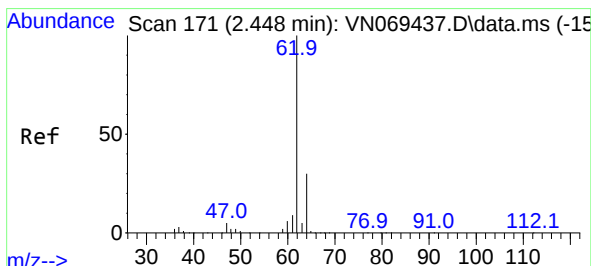
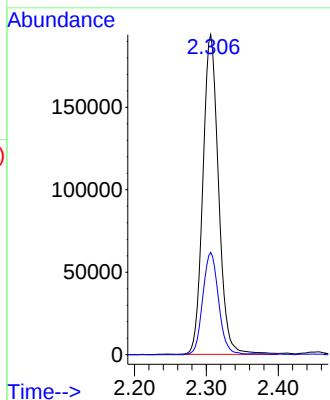
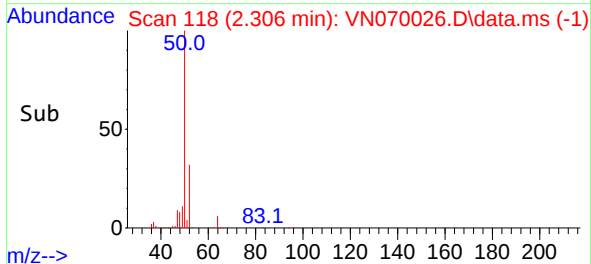
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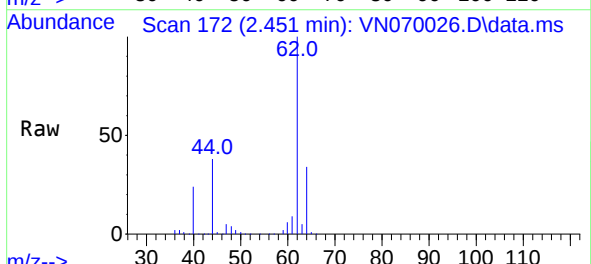
Tgt Ion: 50 Resp: 294594
Ion Ratio Lower Upper
50 100
52 32.0 27.8 41.6

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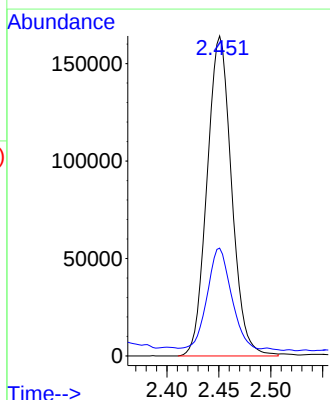
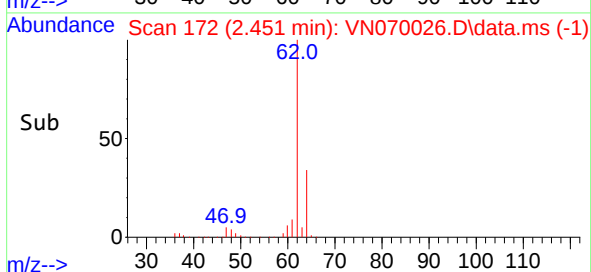
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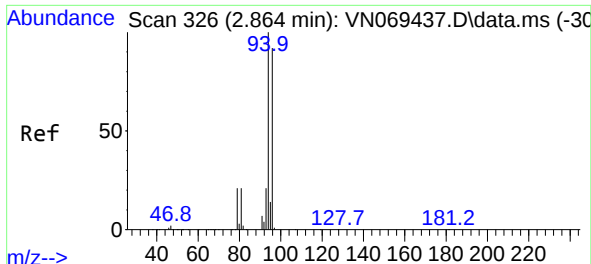


#4
Vinyl Chloride
Concen: 19.305 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



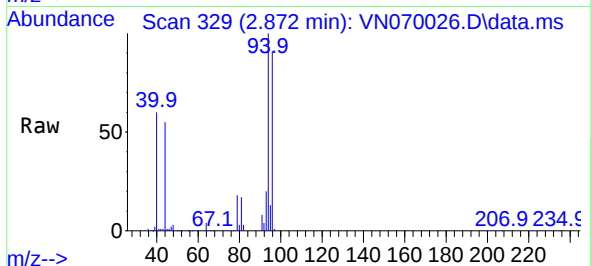
Tgt Ion: 62 Resp: 269900
Ion Ratio Lower Upper
62 100
64 31.8 25.1 37.7





#5
Bromomethane
Concen: 16.524 ug/l
RT: 2.872 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

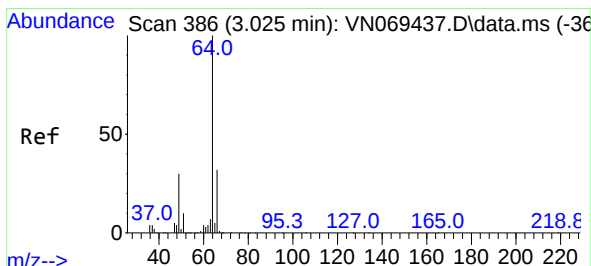
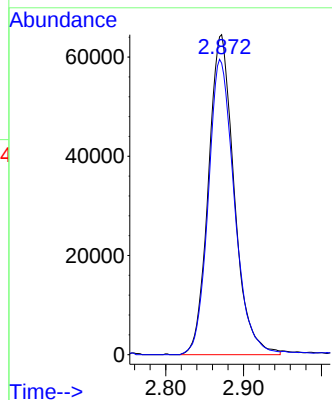
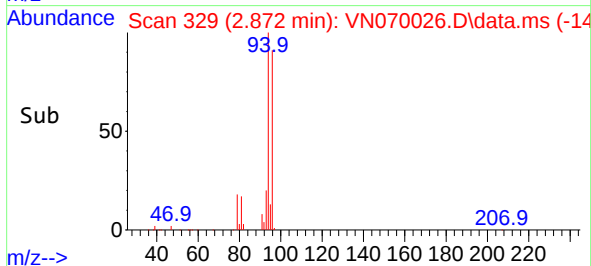
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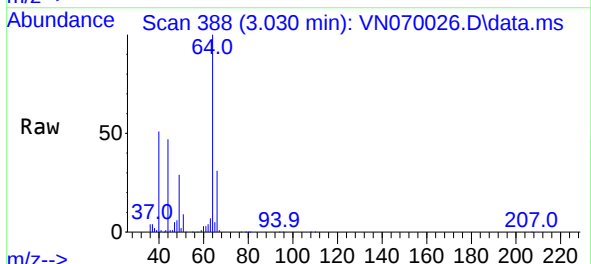
Tgt Ion: 94 Resp: 147960
Ion Ratio Lower Upper
94 100
96 91.1 75.2 112.8

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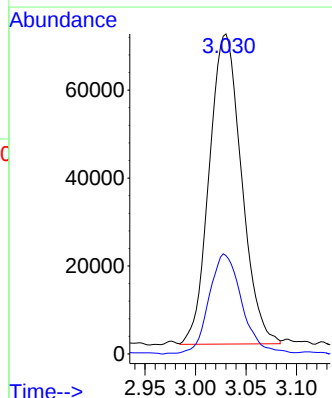
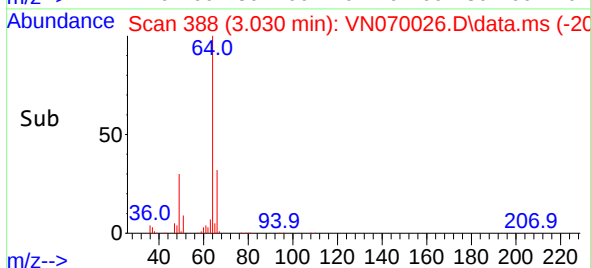
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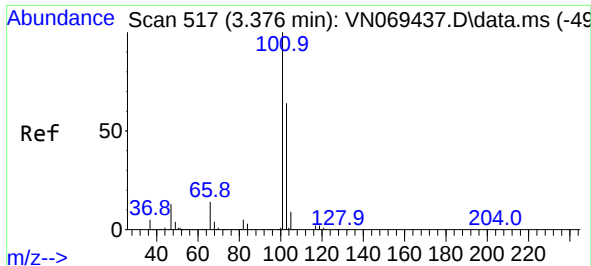


#6
Chloroethane
Concen: 17.778 ug/l
RT: 3.030 min Scan# 388
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



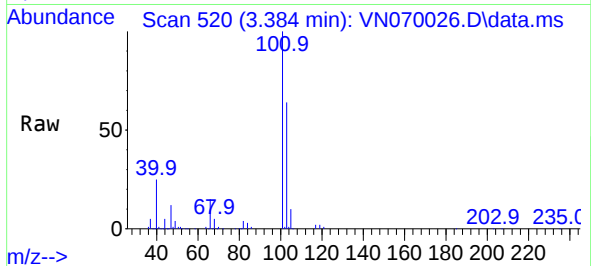
Tgt Ion: 64 Resp: 156820
Ion Ratio Lower Upper
64 100
66 31.4 24.6 36.8





#7
Trichlorofluoromethane
Concen: 17.543 ug/l
RT: 3.384 min Scan# 517
Delta R.T. 0.000 min
Lab File: VN070026.D
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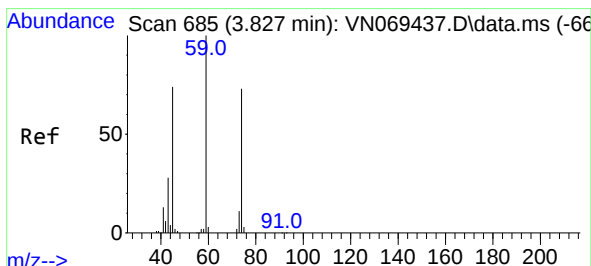
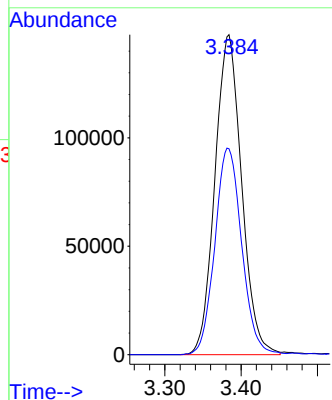
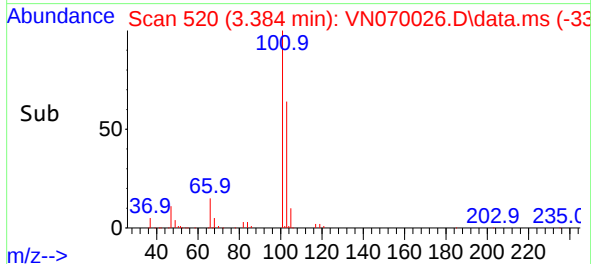
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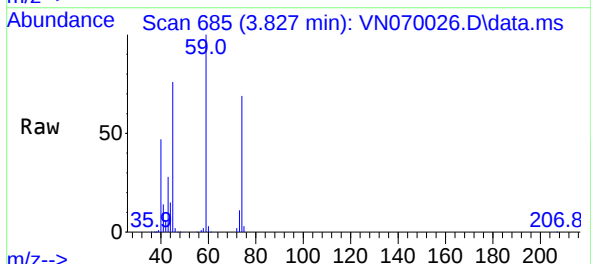
Tgt Ion:101 Resp: 359504
Ion Ratio Lower Upper
101 100
103 64.3 50.1 75.1

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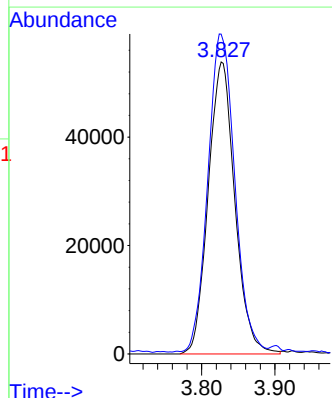
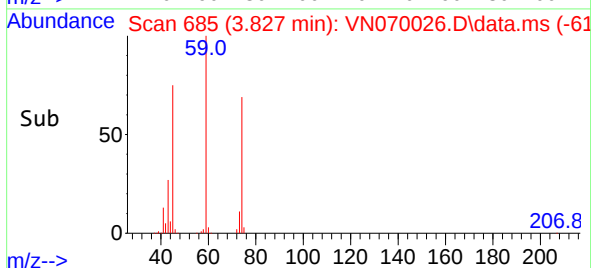
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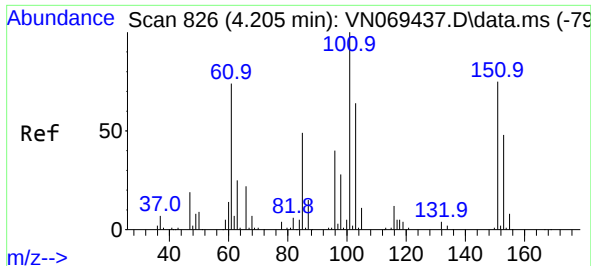


#8
Diethyl Ether
Concen: 21.056 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.000 min
Lab File: VN070026.D
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Tgt Ion: 74 Resp: 136206
Ion Ratio Lower Upper
74 100
45 109.3 17.6 158.8





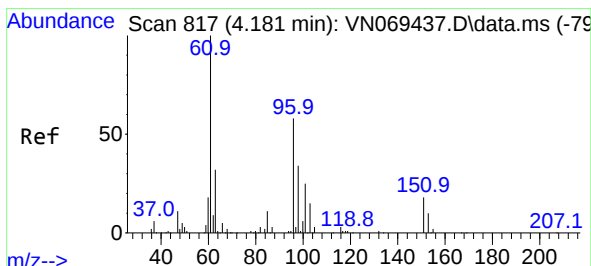
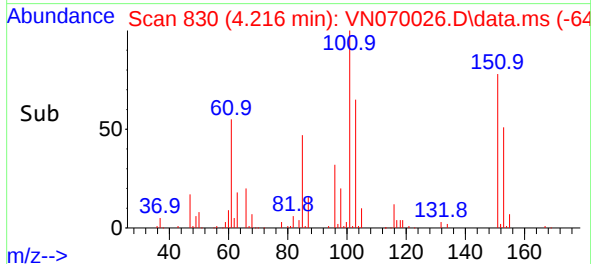
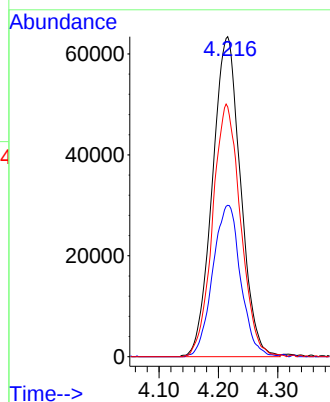
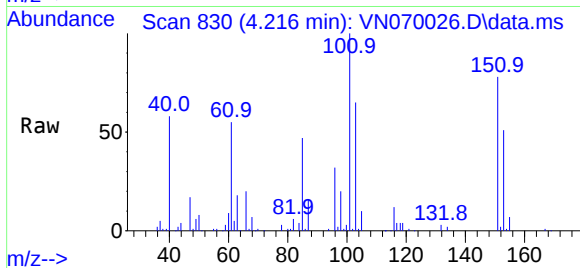
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.038 ug/l
RT: 4.216 min Scan# 819
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 208979
Ion Ratio Lower Upper
101 100
85 46.9 0.0 94.0
151 78.2 0.0 74.6

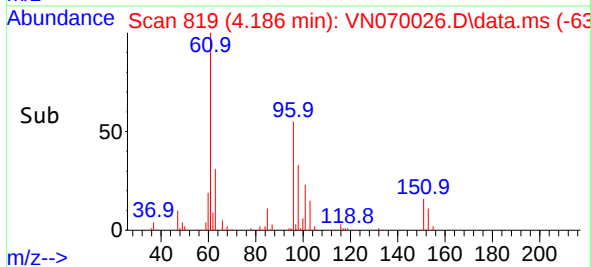
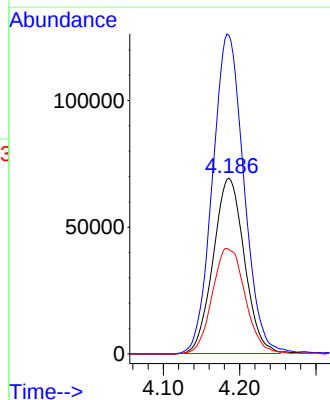
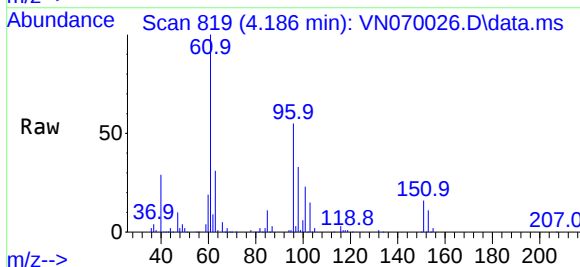
Manual Integrations
APPROVED

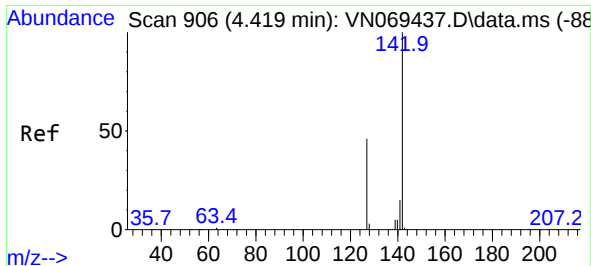
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#10
1,1-Dichloroethene
Concen: 21.957 ug/l
RT: 4.186 min Scan# 819
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

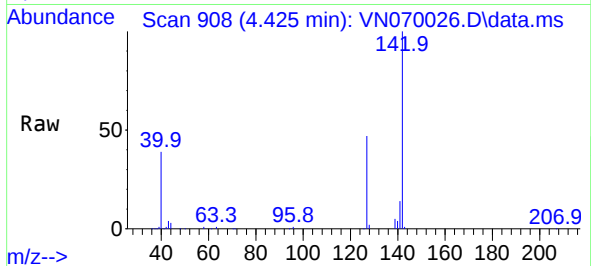
Tgt Ion: 96 Resp: 196374
Ion Ratio Lower Upper
96 100
61 181.1 126.2 189.4
98 59.3 50.9 76.3





#11
Methyl Iodide
Concen: 21.945 ug/l
RT: 4.425 min Scan# 906
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

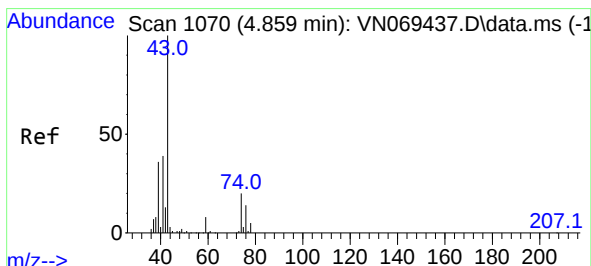
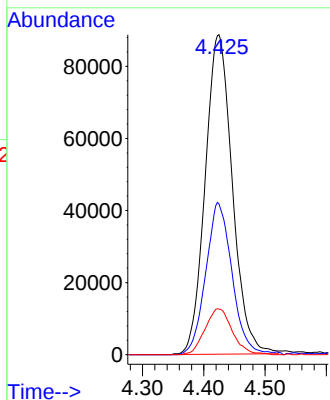
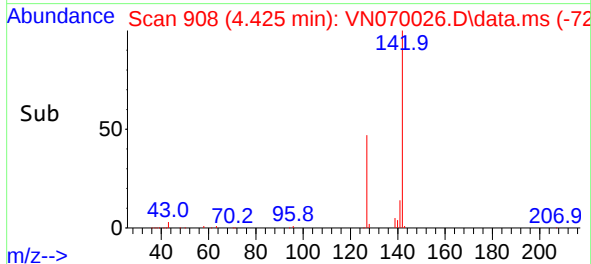
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 27345
Ion Ratio Lower Upper
142 100
127 47.1 24.0 72.0
141 14.3 8.4 25.2

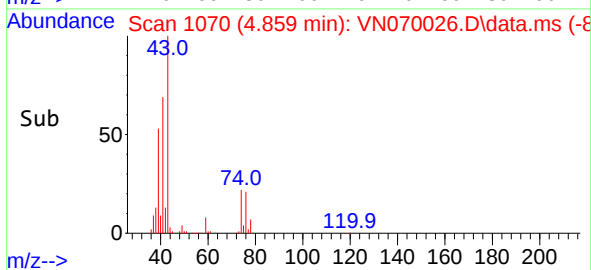
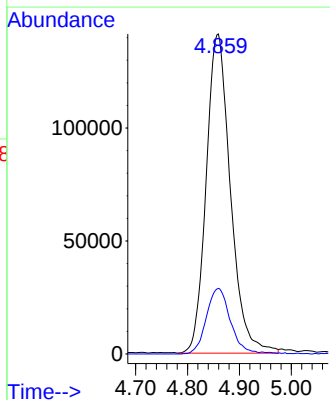
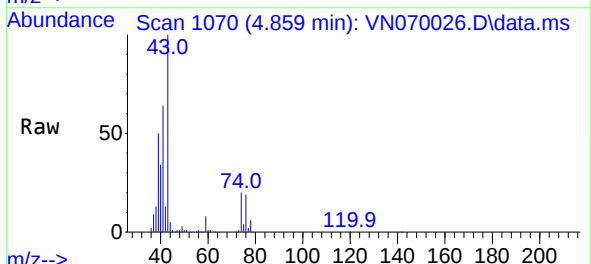
Manual Integrations
APPROVED

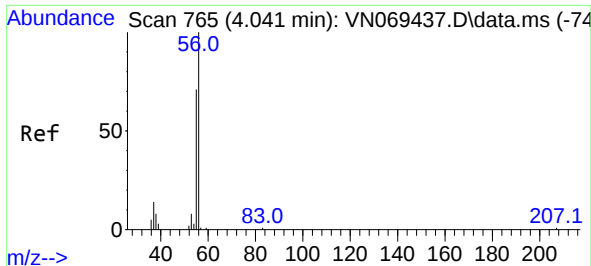
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#12
Methyl Acetate
Concen: 17.824 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

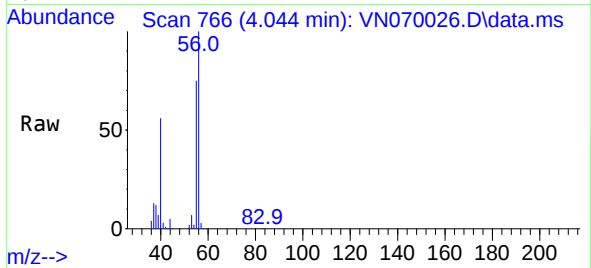
Tgt Ion: 43 Resp: 459081
Ion Ratio Lower Upper
43 100
74 20.6 20.8 31.2#





#13
Acrolein
Concen: 255.020 ug/l
RT: 4.044 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

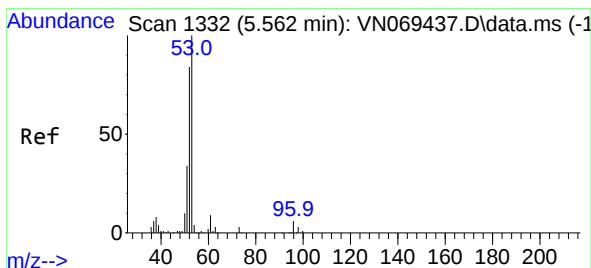
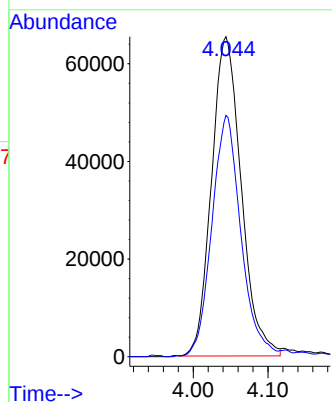
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 180590
Ion Ratio Lower Upper
56 100
55 73.8 57.6 86.4

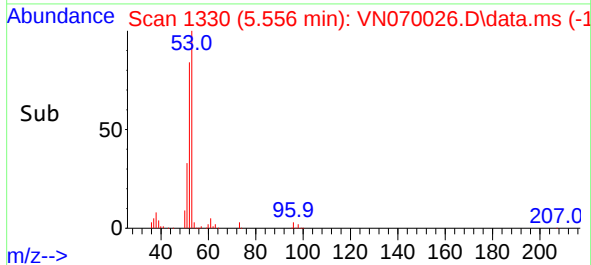
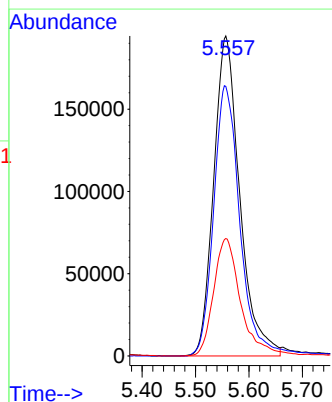
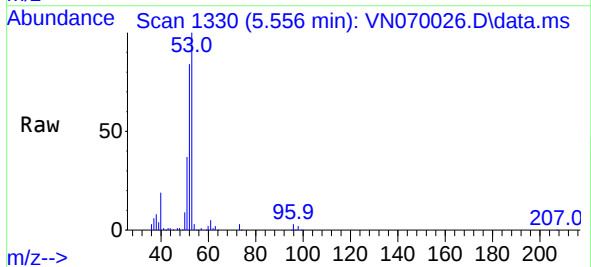
Manual Integrations
APPROVED

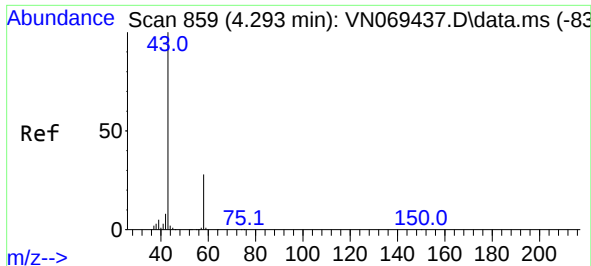
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#14
Acrylonitrile
Concen: 93.942 ug/l
RT: 5.556 min Scan# 1330
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Tgt Ion: 53 Resp: 660134
Ion Ratio Lower Upper
53 100
52 85.2 41.8 125.4
51 38.1 19.0 57.0





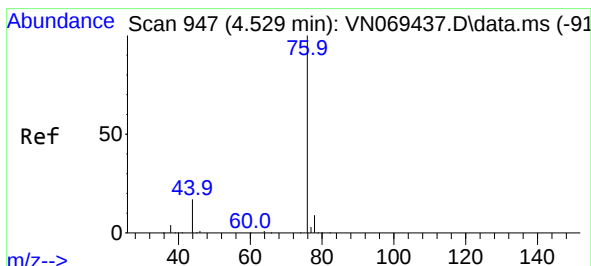
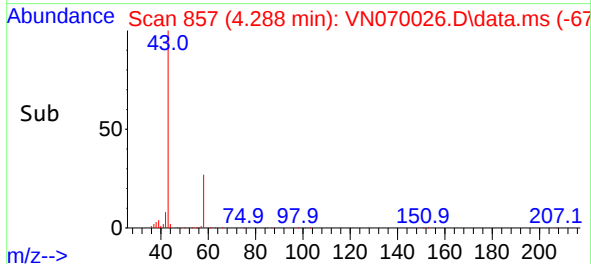
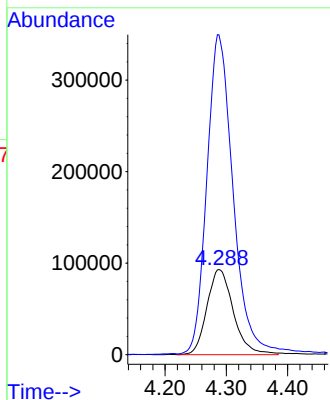
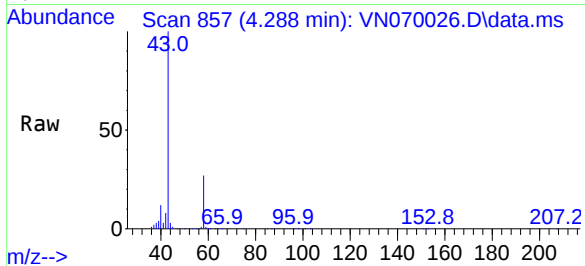
#15
Acetone
Concen: 119.058 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 58 Resp: 27877
Ion Ratio Lower Upper
58 100
43 374.8 256.6 384.8

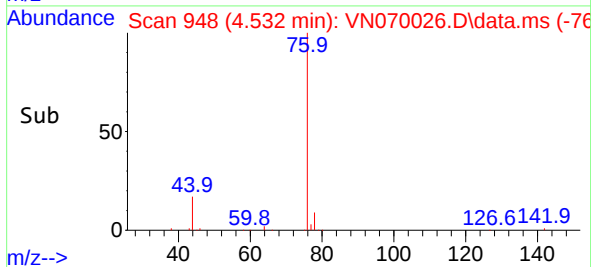
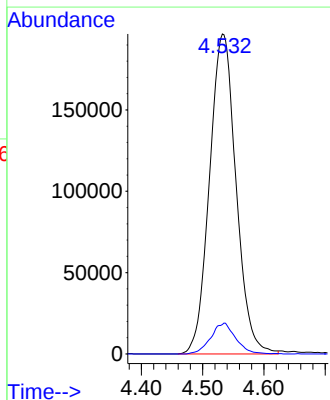
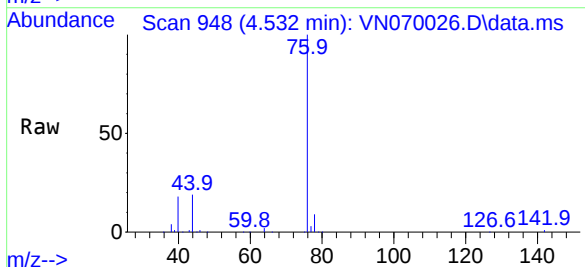
Manual Integrations
APPROVED

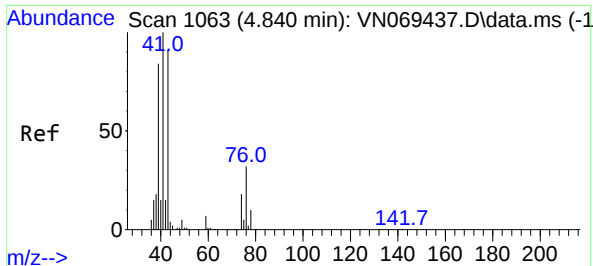
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#16
Carbon Disulfide
Concen: 26.497 ug/l
RT: 4.532 min Scan# 948
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

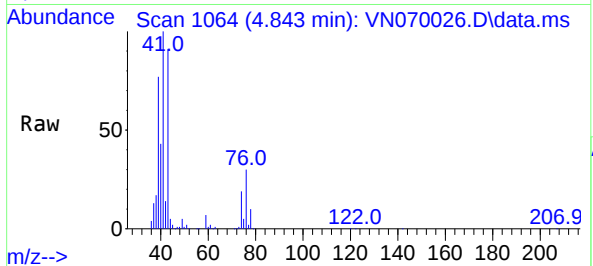
Tgt Ion: 76 Resp: 592336
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8





#17
Allyl chloride
Concen: 22.481 ug/l
RT: 4.843 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

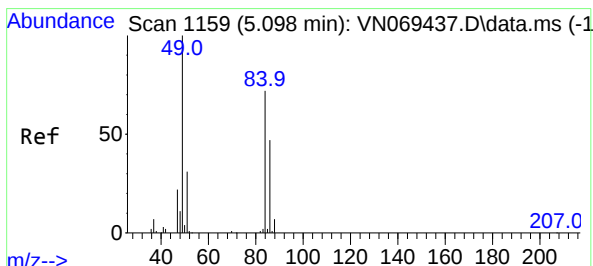
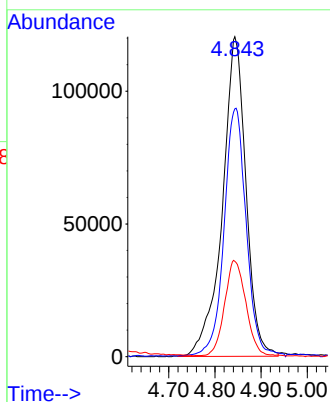
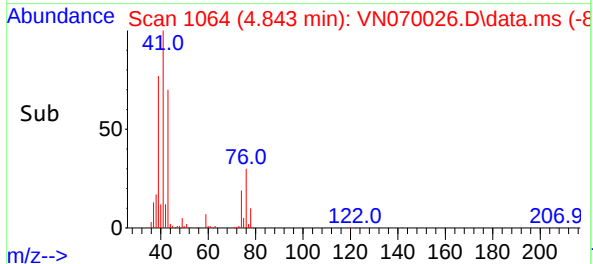
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



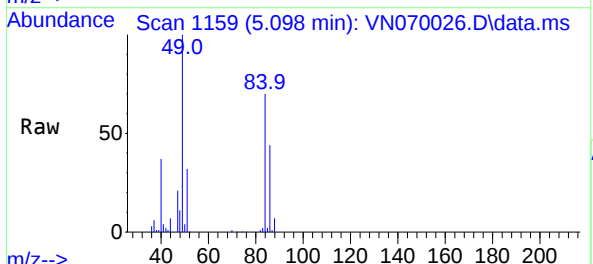
Tgt Ion: 41 Resp: 427338
Ion Ratio Lower Upper
41 100
39 77.3 44.6 134.0
76 29.4 19.6 58.7

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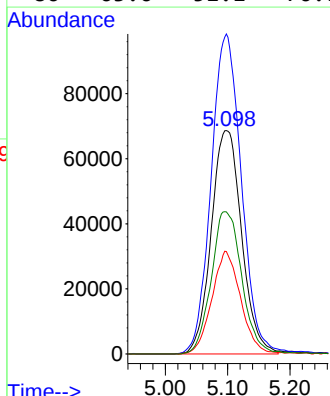
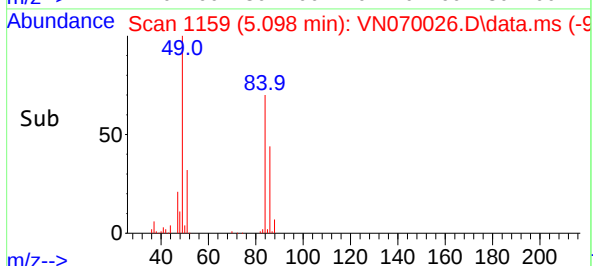
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

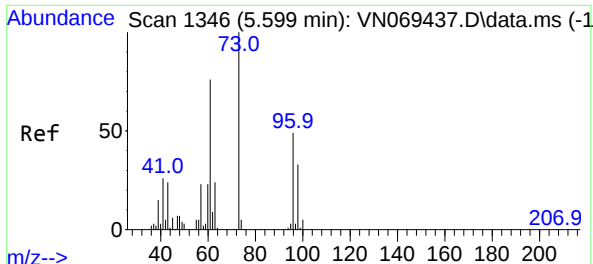


#18
Methylene Chloride
Concen: 20.449 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.005 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



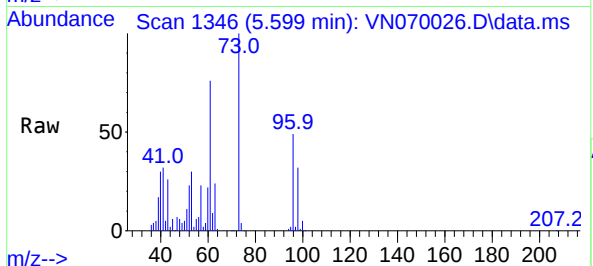
Tgt Ion: 84 Resp: 232993
Ion Ratio Lower Upper
84 100
49 143.0 91.4 137.0#
51 45.9 29.4 44.0#
86 63.6 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 21.206 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

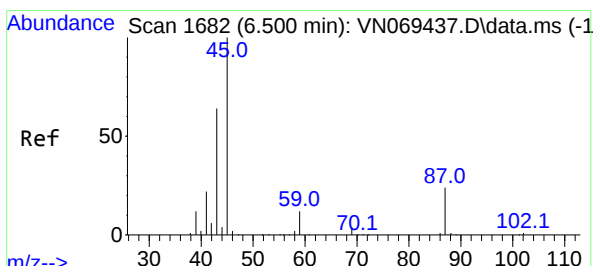
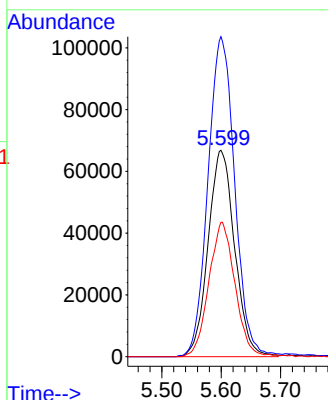
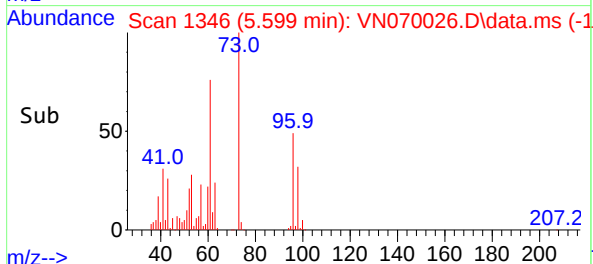
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



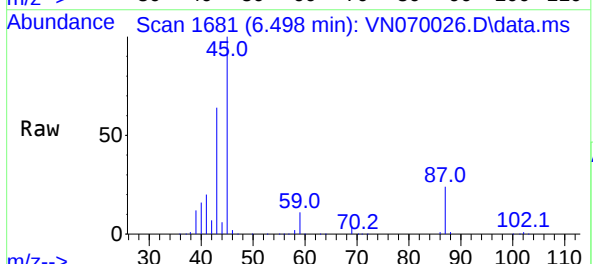
Tgt Ion: 96 Resp: 208120
Ion Ratio Lower Upper
96 100
61 154.7 102.8 154.2
98 65.2 49.3 73.9

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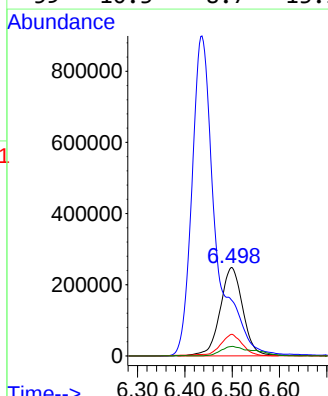
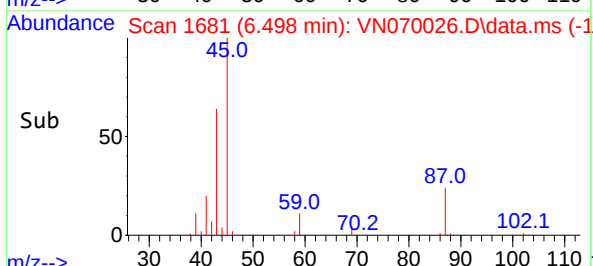
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

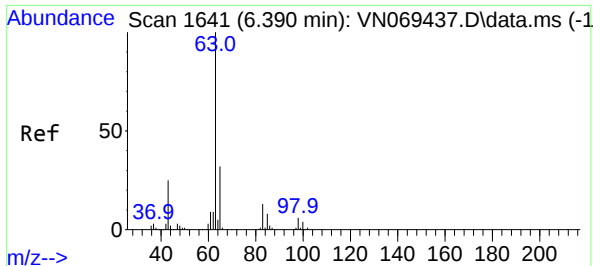


#20
Diisopropyl ether
Concen: 20.282 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



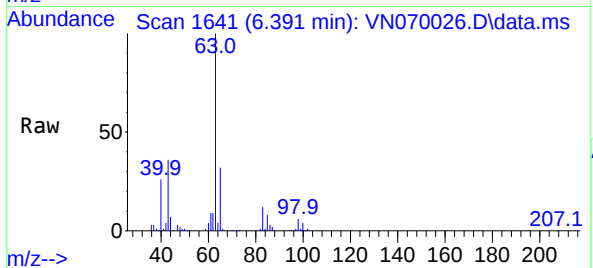
Tgt Ion: 45 Resp: 826125
Ion Ratio Lower Upper
45 100
43 61.3 51.0 76.4
87 24.3 25.0 37.4
59 10.3 8.7 13.1





#21
1,1-Dichloroethane
Concen: 21.152 ug/l
RT: 6.391 min Scan# 1641
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

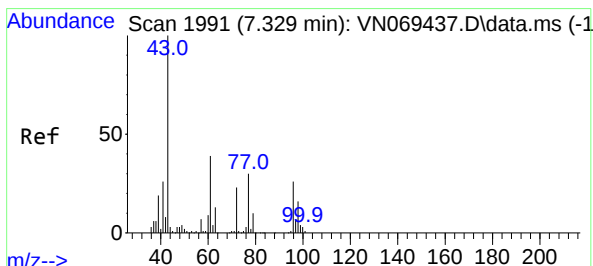
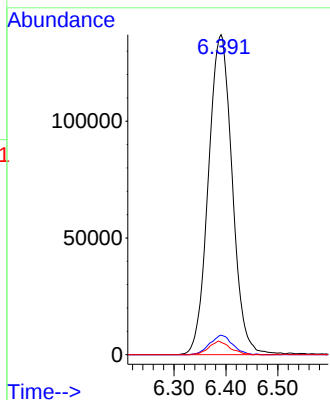
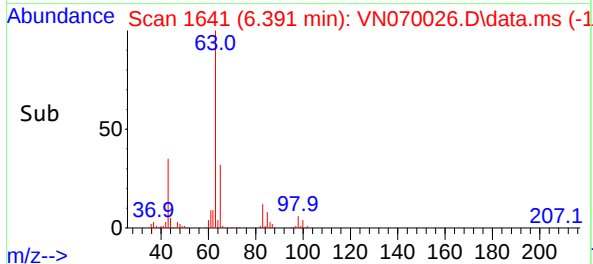
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



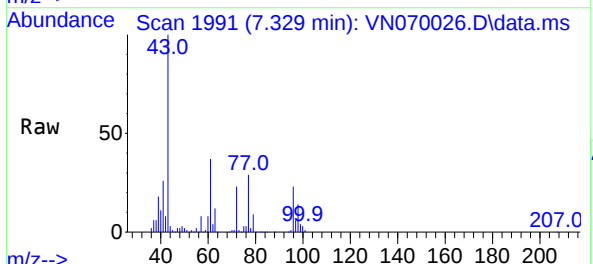
Tgt Ion: 63 Resp: 43708
Ion Ratio Lower Upper
63 100
98 6.1 3.2 9.6
100 3.9 2.1 6.2

Manual Integrations
APPROVED

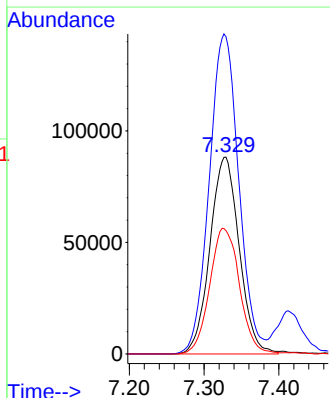
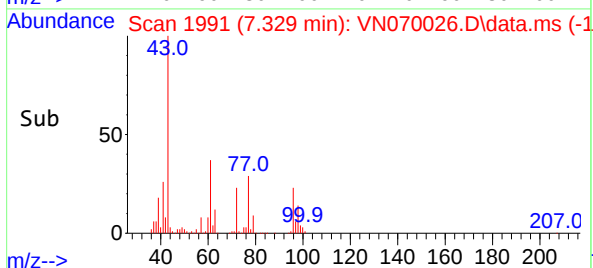
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

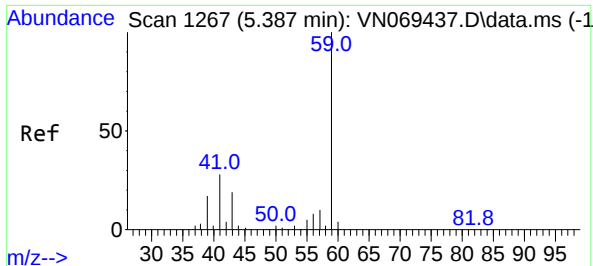


#22
cis-1,2-Dichloroethene
Concen: 19.755 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



Tgt Ion: 96 Resp: 240468
Ion Ratio Lower Upper
96 100
61 163.8 115.7 173.5
98 64.9 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 77.607 ug/l

RT: 5.374 min Scan# 1267

Delta R.T. 0.003 min

Lab File: VN070026.D

Acq: 13 Dec 2021 10:45

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 59 Resp: 189790

Ion Ratio Lower Upper

59 100

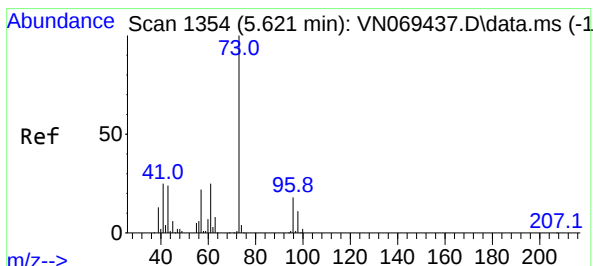
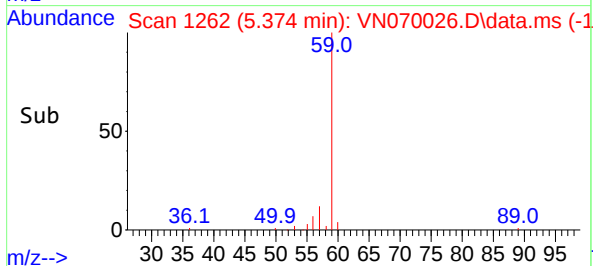
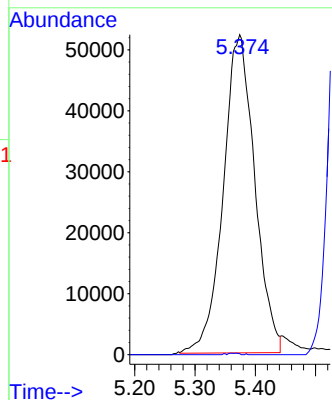
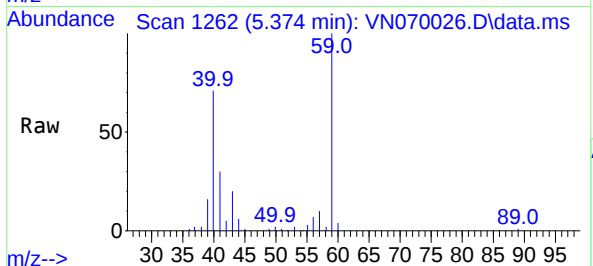
52 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#24

Methyl tert-Butyl Ether

Concen: 18.750 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VN070026.D

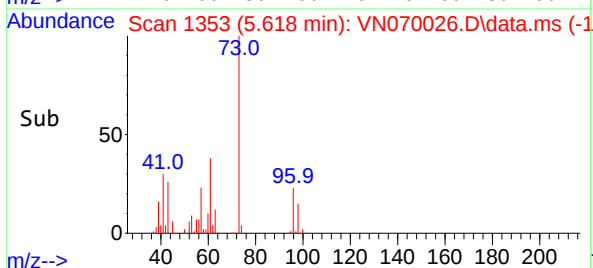
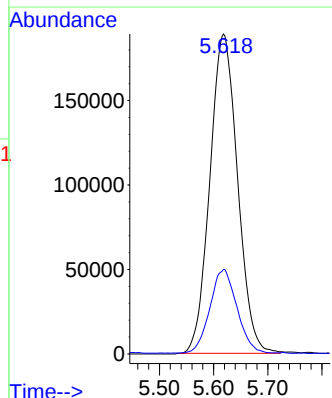
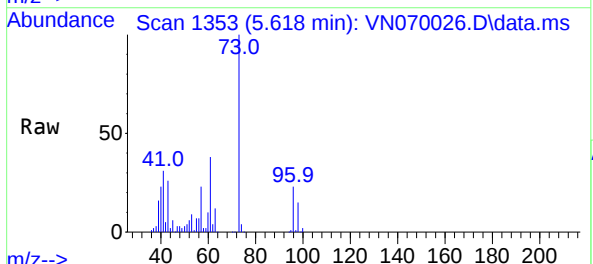
Acq: 13 Dec 2021 10:45

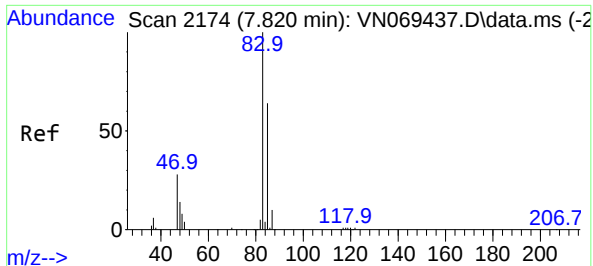
Tgt Ion: 73 Resp: 672050

Ion Ratio Lower Upper

73 100

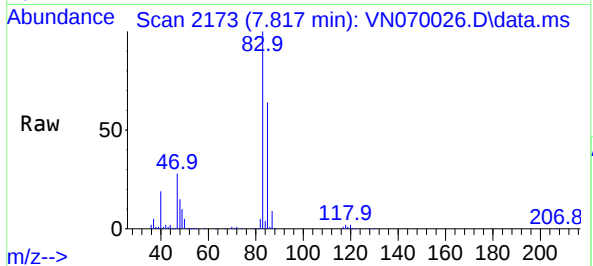
43 25.4 18.1 27.1





#25
Chloroform
Concen: 20.469 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

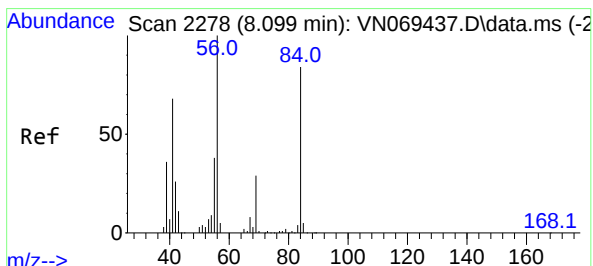
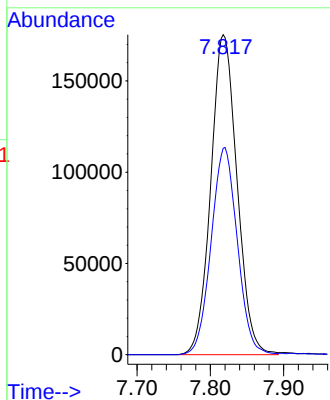
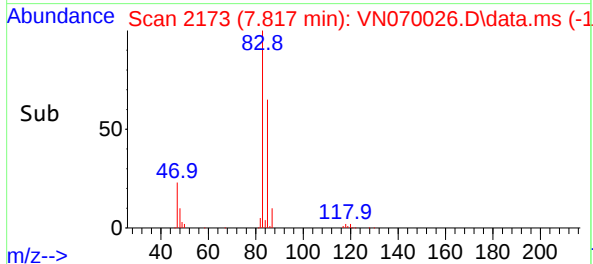
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



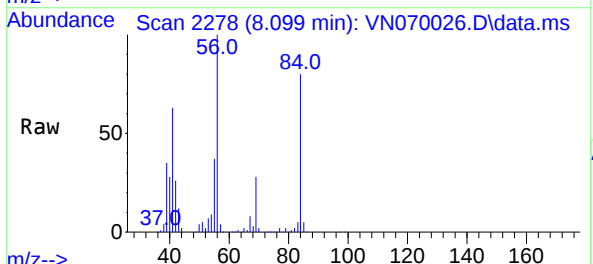
Tgt Ion: 83 Resp: 437334
Ion Ratio Lower Upper
83 100
85 64.5 51.3 76.9

Manual Integrations
APPROVED

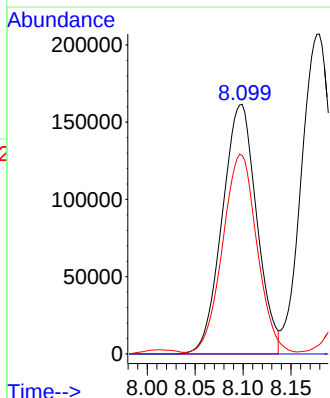
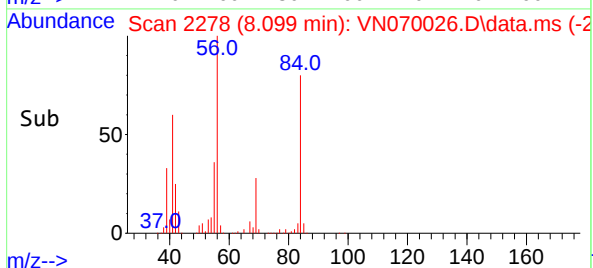
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

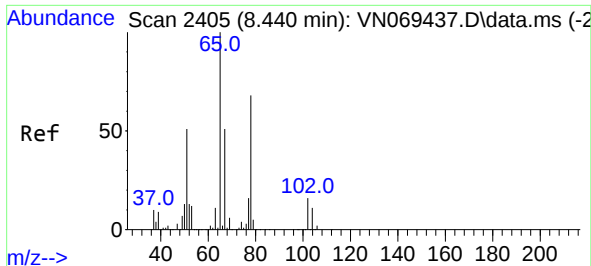


#26
Cyclohexane
Concen: 20.615 ug/l
RT: 8.099 min Scan# 2278
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



Tgt Ion: 56 Resp: 404447
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 80.2 74.6 111.8





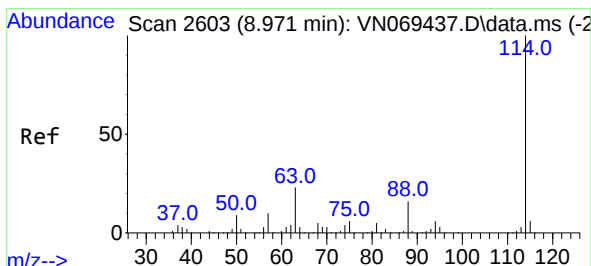
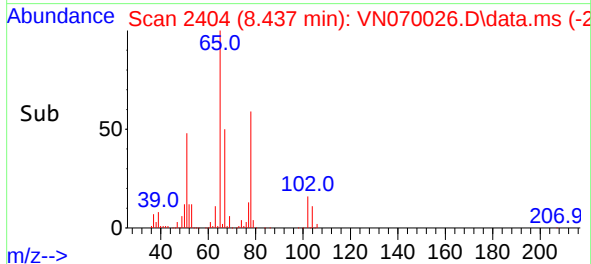
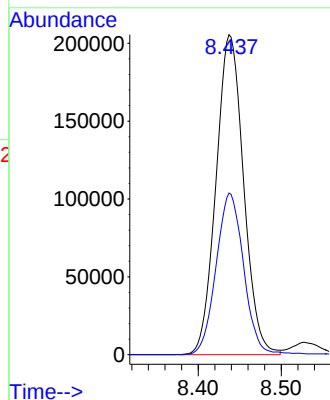
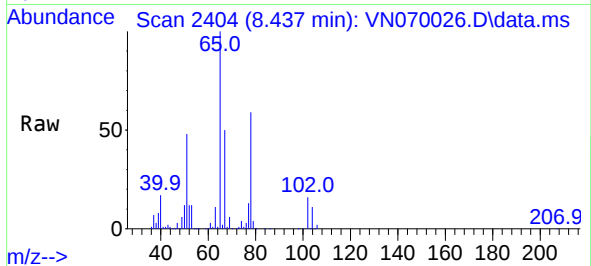
#27
1,2-Dichloroethane-d4
Concen: 30.552 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 47421
Ion Ratio Lower Upper
65 100
67 50.0 40.2 60.2

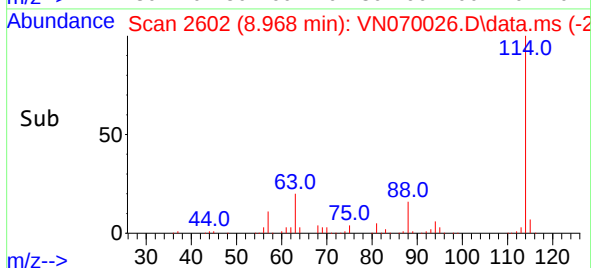
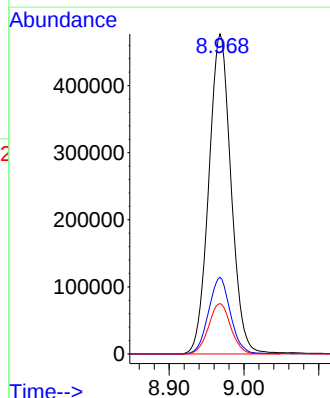
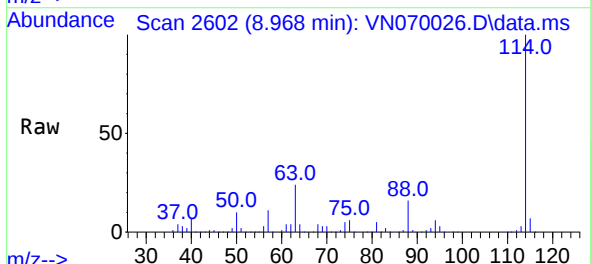
Manual Integrations
APPROVED

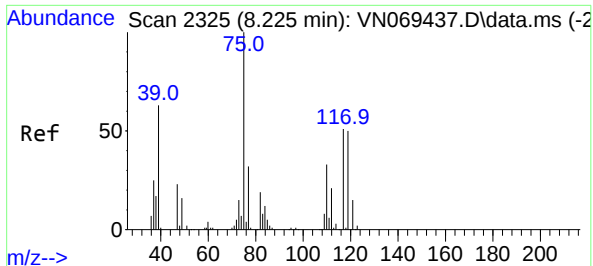
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

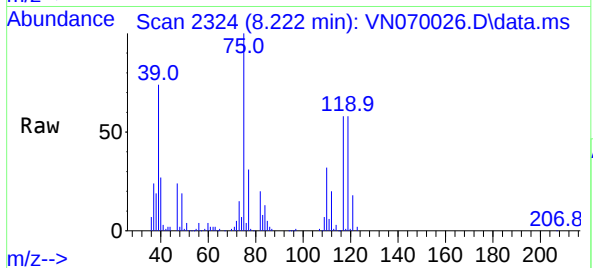
Tgt Ion:114 Resp: 983965
Ion Ratio Lower Upper
114 100
63 23.6 15.8 23.6
88 15.7 11.6 17.4





#29
1,1-Dichloropropene
Concen: 21.757 ug/l
RT: 8.222 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

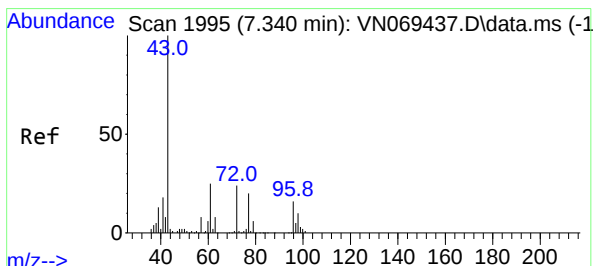
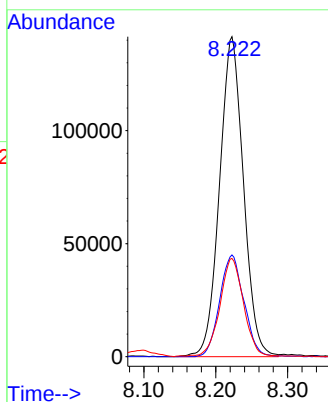
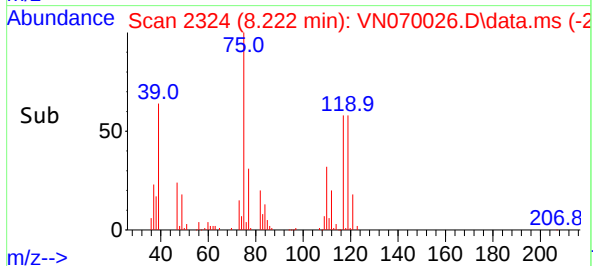
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



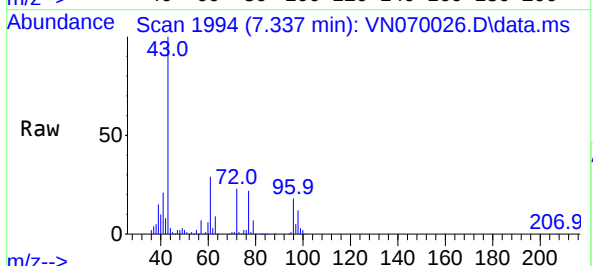
Tgt Ion: 75 Resp: 326794
Ion Ratio Lower Upper
75 100
110 32.1 0.0 74.2
77 29.8 0.0 63.2

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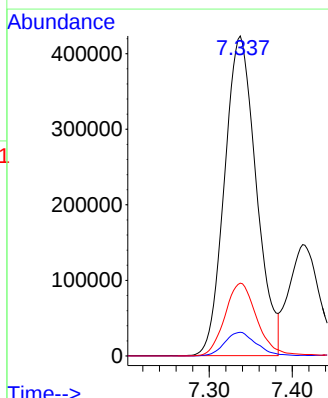
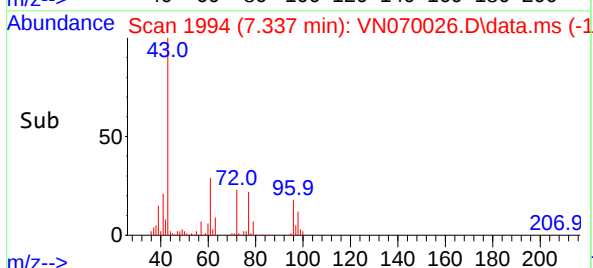
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

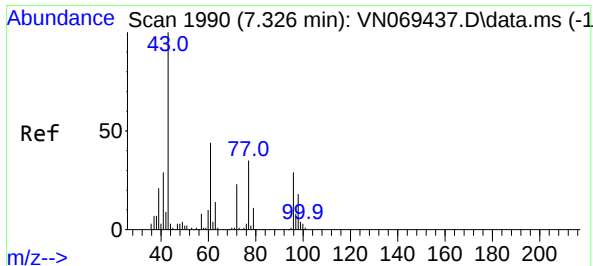


#30
2-Butanone
Concen: 103.176 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



Tgt Ion: 43 Resp: 1121735
Ion Ratio Lower Upper
43 100
57 7.4 6.7 10.1
72 23.1 23.2 34.8#





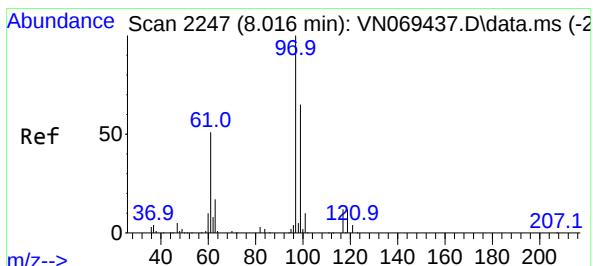
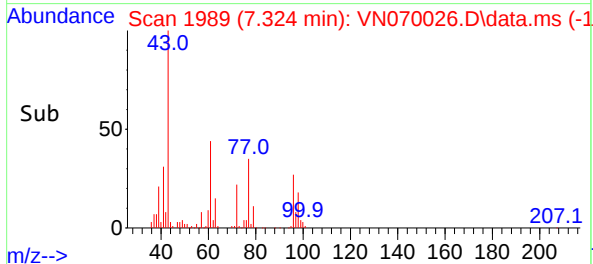
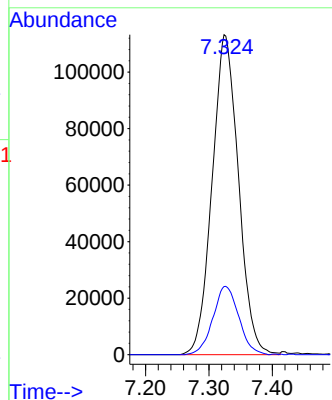
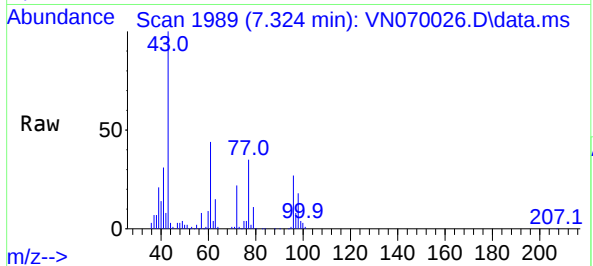
#31
2,2-Dichloropropane
Concen: 20.581 ug/l
RT: 7.324 min Scan# 1990
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 32680
Ion Ratio Lower Upper
77 100
97 21.0 18.3 27.5

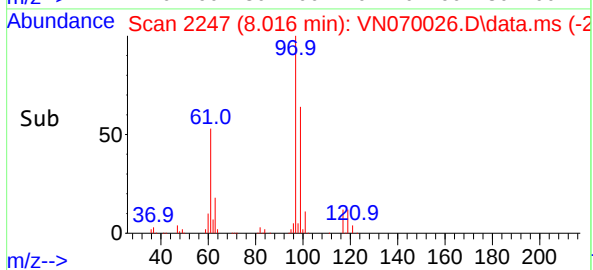
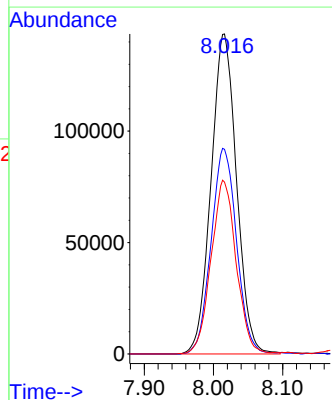
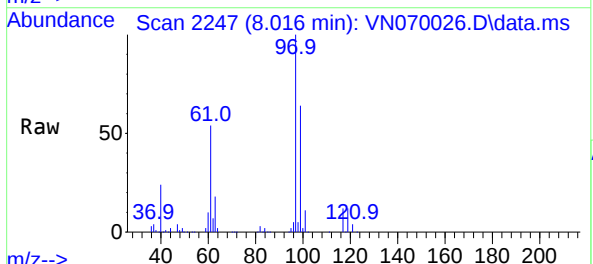
Manual Integrations
APPROVED

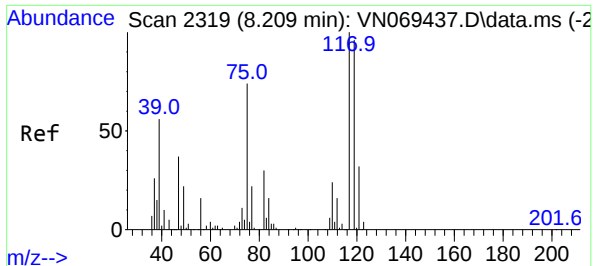
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#32
1,1,1-Trichloroethane
Concen: 20.963 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

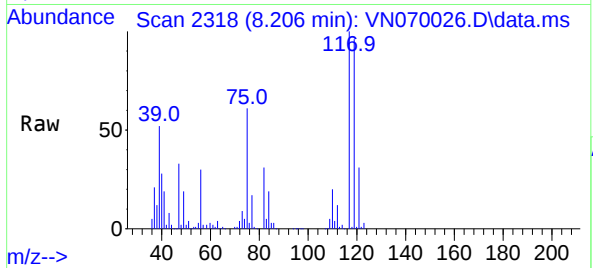
Tgt Ion: 97 Resp: 367577
Ion Ratio Lower Upper
97 100
99 64.2 50.4 75.6
61 53.6 34.6 51.8





#33
Carbon Tetrachloride
Concen: 22.957 ug/l
RT: 8.206 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

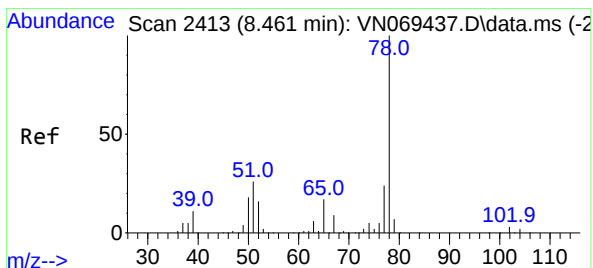
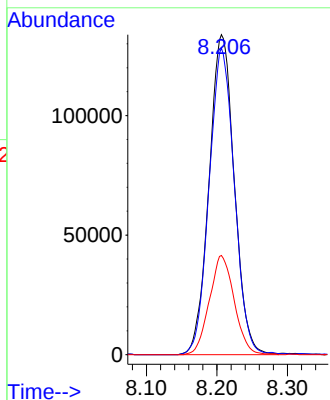
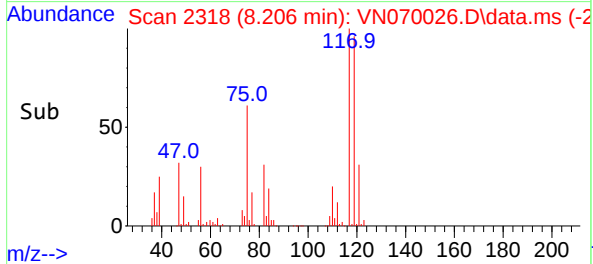
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



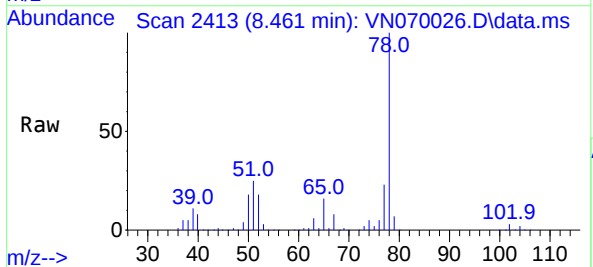
Tgt Ion: 117 Resp: 332469
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3
121 31.0 23.5 35.3

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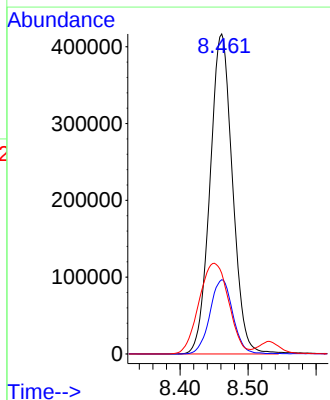
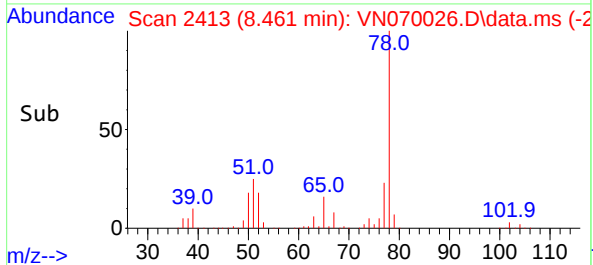
Reviewed By : John Carlone 12/14/2021
Supervised By : Amit Patel 12/15/2021

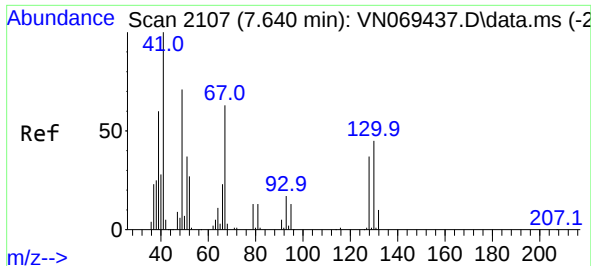


#34
Benzene
Concen: 20.954 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



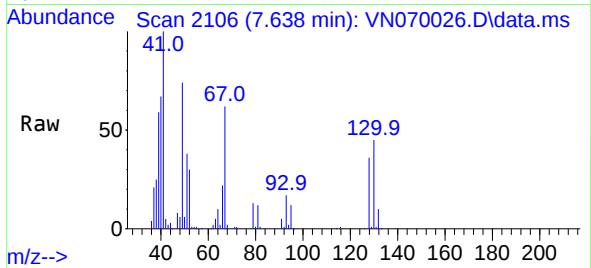
Tgt Ion: 78 Resp: 957125
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7
51 24.8 16.0 24.0#





#35
Methacrylonitrile
Concen: 19.009 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

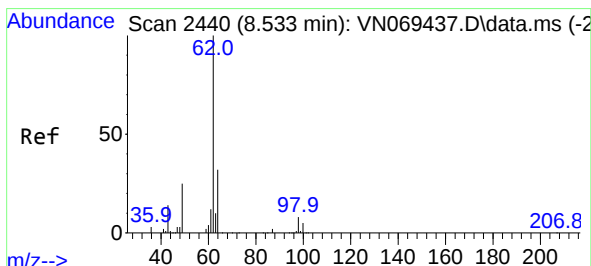
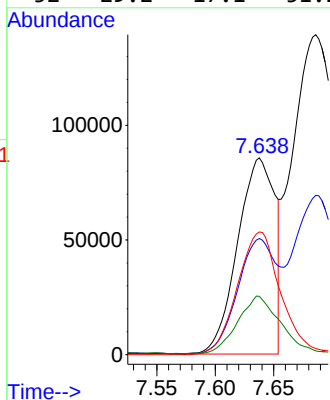
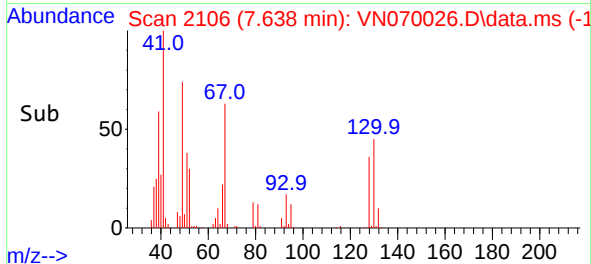
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



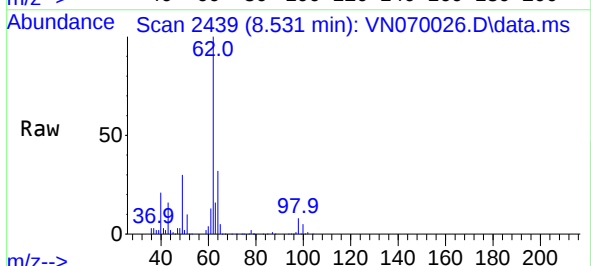
Tgt Ion: 41 Resp: 189549
Ion Ratio Lower Upper
41 100
39 58.6 28.0 83.9
67 62.6 37.7 113.1
52 29.2 17.1 51.2

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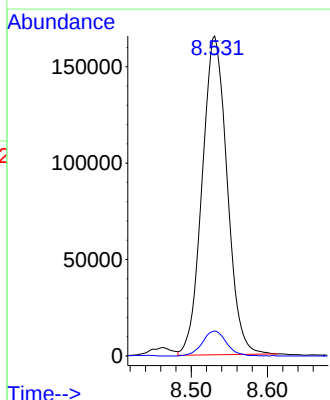
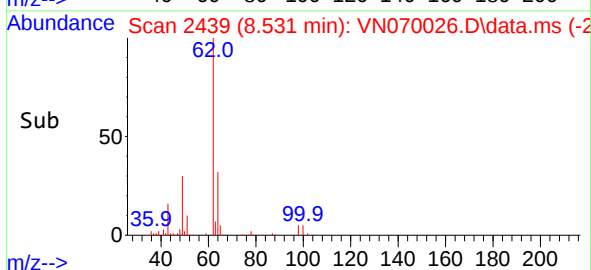
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

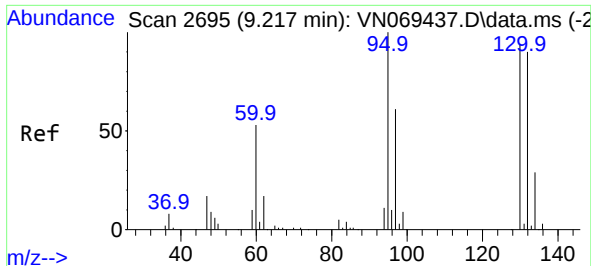


#36
1,2-Dichloroethane
Concen: 21.331 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



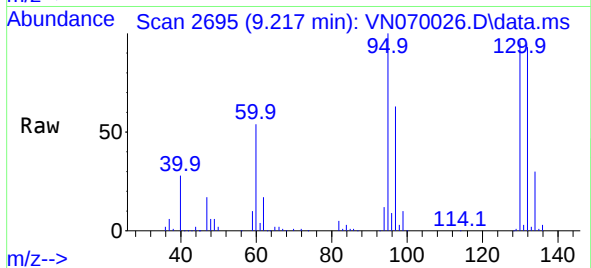
Tgt Ion: 62 Resp: 375636
Ion Ratio Lower Upper
62 100
98 7.5 6.6 10.0





#37
Trichloroethene
Concen: 20.317 ug/l
RT: 9.217 min Scan# 20
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

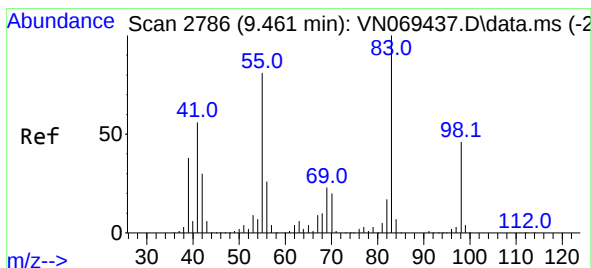
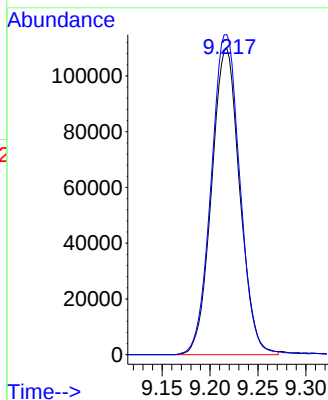
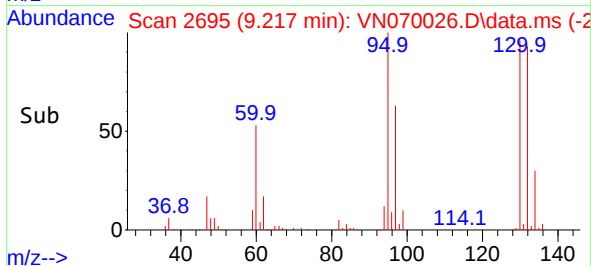
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



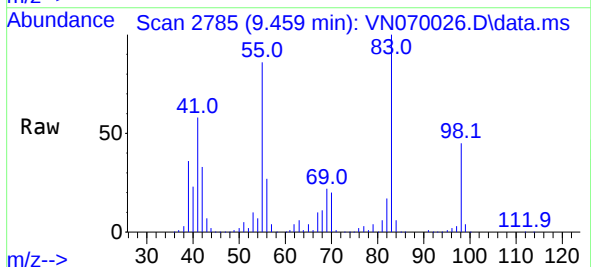
Tgt Ion:130 Resp: 22420
Ion Ratio Lower Upper
130 100
95 104.2 76.6 115.0

Manual Integrations
APPROVED

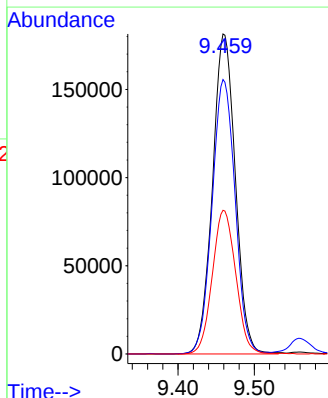
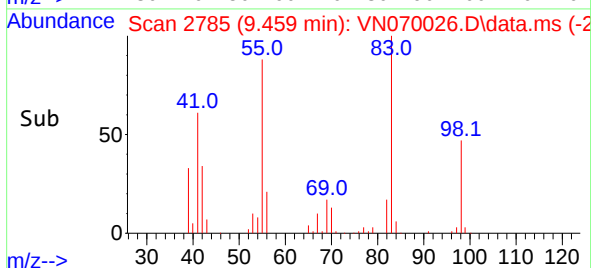
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

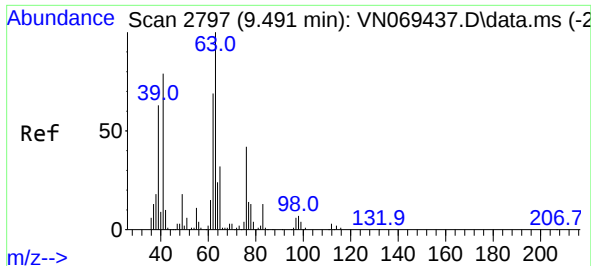


#38
Methylcyclohexane
Concen: 20.321 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



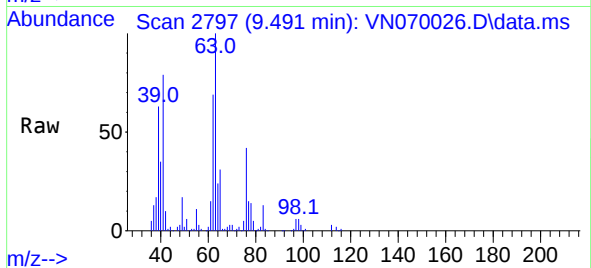
Tgt Ion: 83 Resp: 377624
Ion Ratio Lower Upper
83 100
55 86.4 35.1 105.3
98 45.9 23.4 70.2





#39
1,2-Dichloropropane
Concen: 20.939 ug/l
RT: 9.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

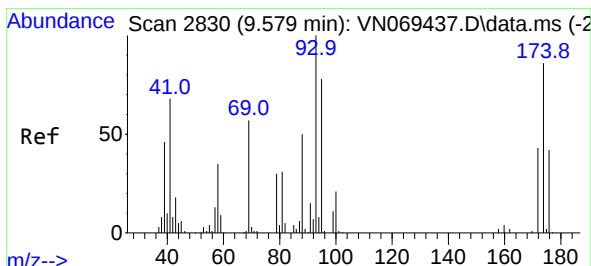
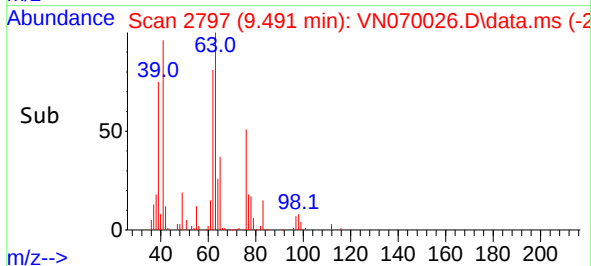
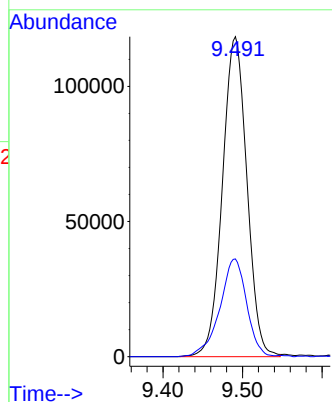
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 253314
Ion Ratio Lower Upper
63 100
65 30.4 24.2 36.4

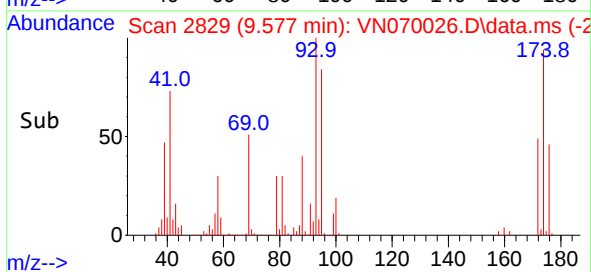
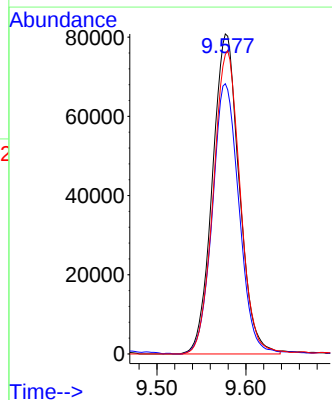
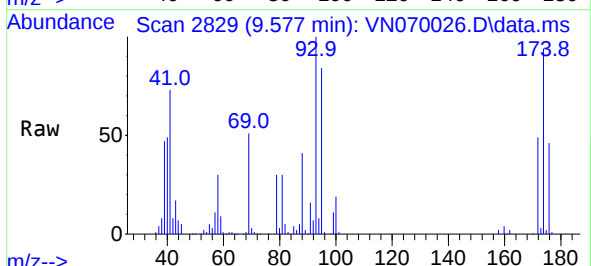
Manual Integrations
APPROVED

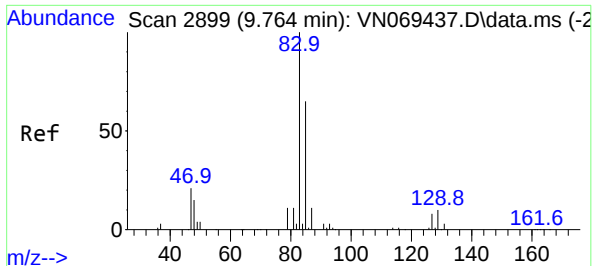
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#40
Dibromomethane
Concen: 20.903 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Tgt Ion: 93 Resp: 169358
Ion Ratio Lower Upper
93 100
95 83.8 0.0 168.8
174 94.4 0.0 173.6





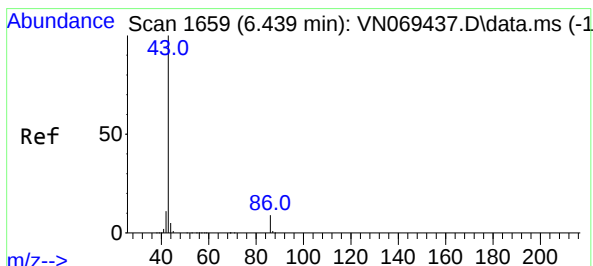
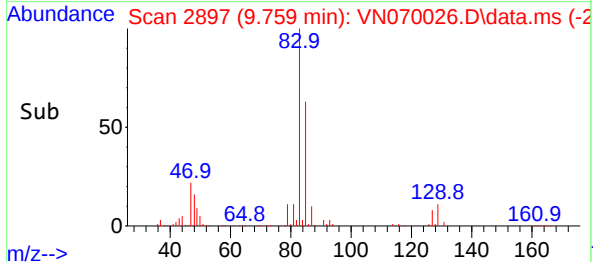
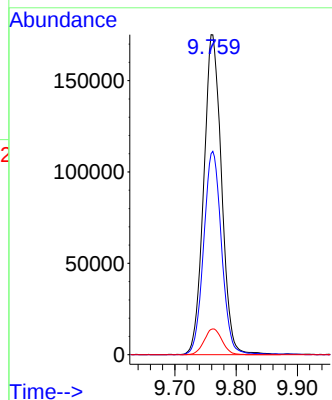
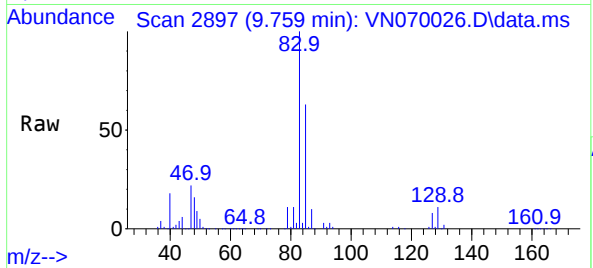
#41
Bromodichloromethane
Concen: 23.284 ug/l
RT: 9.759 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 35409
Ion Ratio Lower Upper
83 100
85 62.7 54.1 81.1
127 7.9 7.6 11.4

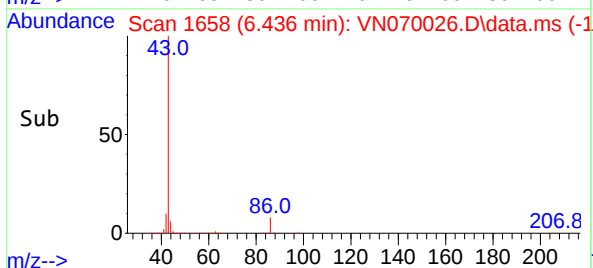
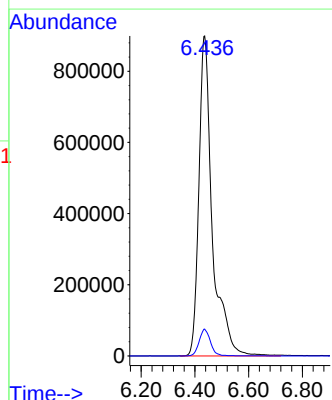
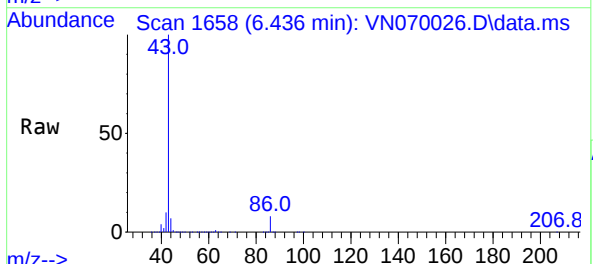
Manual Integrations
APPROVED

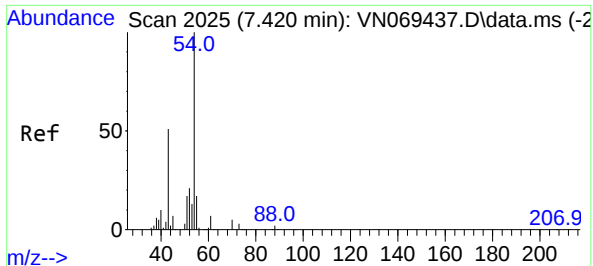
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#42
Vinyl Acetate
Concen: 101.950 ug/l m
RT: 6.436 min Scan# 1658
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

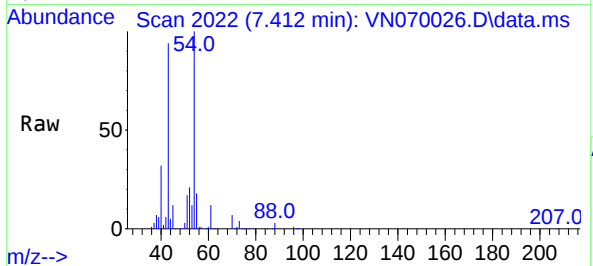
Tgt Ion: 43 Resp: 3132380
Ion Ratio Lower Upper
43 100
86 6.9 7.5 11.3#





#43
Ethyl Acetate
Concen: 17.877 ug/l
RT: 7.412 min Scan# 2025
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

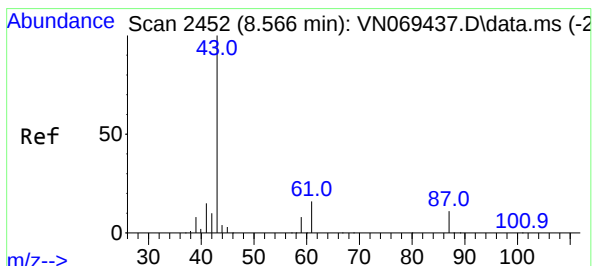
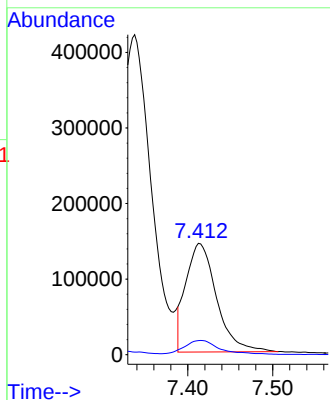
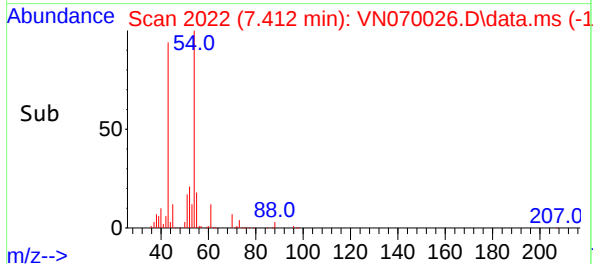
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



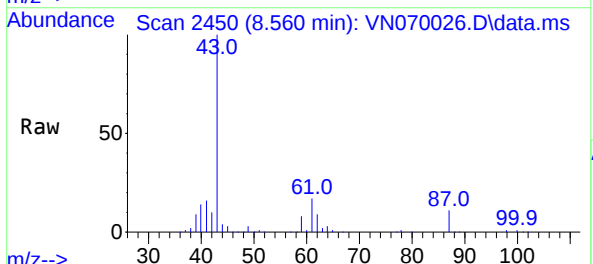
Tgt Ion: 43 Resp: 360190
Ion Ratio Lower Upper
43 100
45 12.5 10.6 16.0

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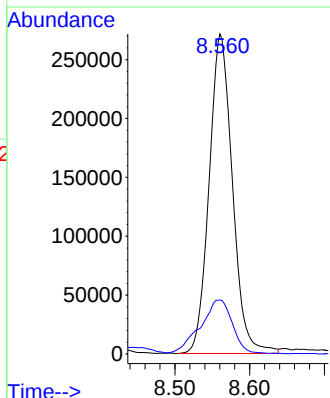
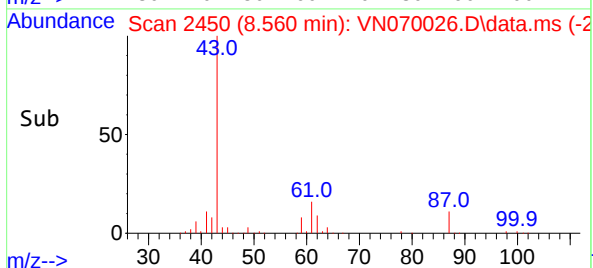
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

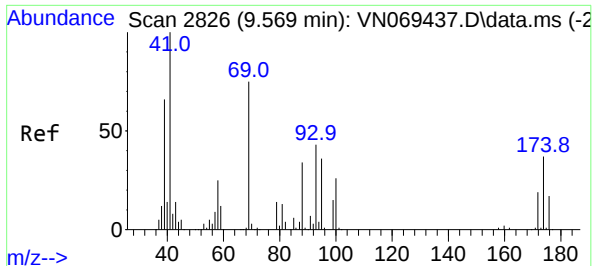


#44
Isopropyl Acetate
Concen: 18.710 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



Tgt Ion: 43 Resp: 587713
Ion Ratio Lower Upper
43 100
61 22.7 20.1 30.1





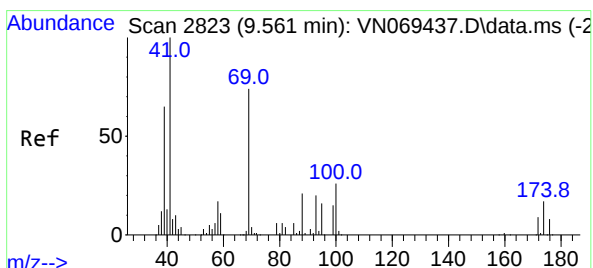
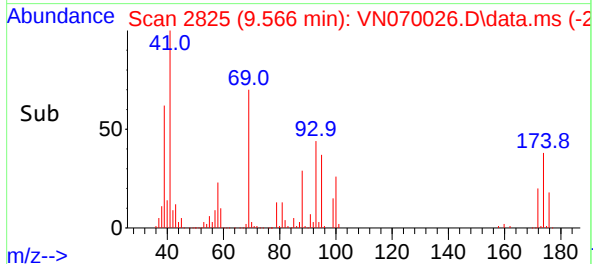
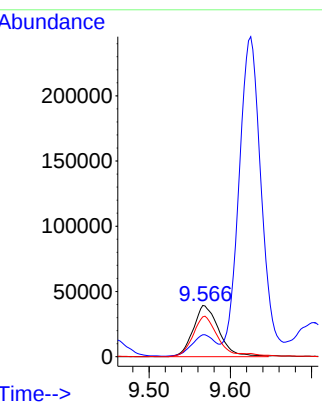
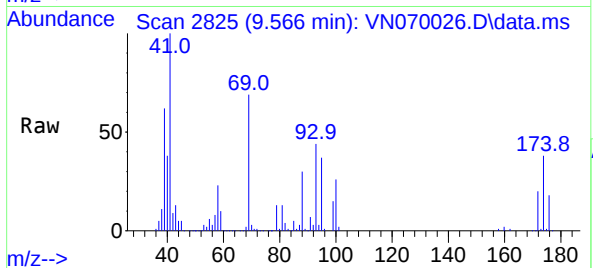
#45
1,4-Dioxane
Concen: 337.757 ug/l
RT: 9.566 min Scan# 2825
Delta R.T. -0.008 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 88 Resp: 8612
Ion Ratio Lower Upper
88 100
43 38.3 25.0 37.6
58 73.3 49.4 74.2

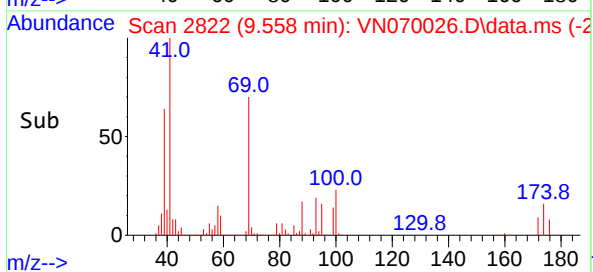
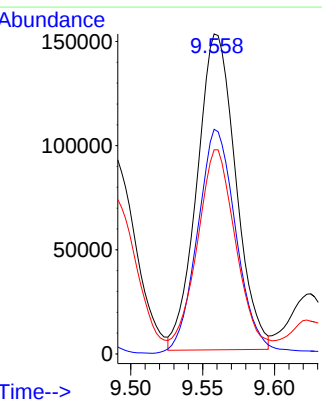
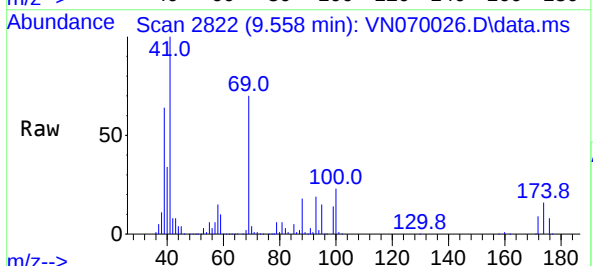
Manual Integrations
APPROVED

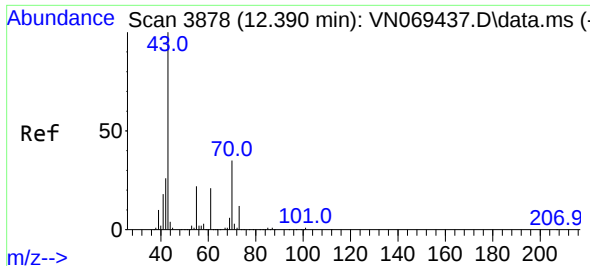
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#46
Methyl methacrylate
Concen: 19.617 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

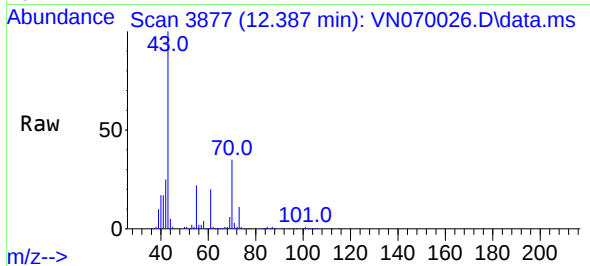
Tgt Ion: 41 Resp: 283793
Ion Ratio Lower Upper
41 100
69 72.5 44.4 133.2
39 62.9 39.9 119.6





#47
n-amy1 Acetate
Concen: 15.034 ug/l
RT: 12.387 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

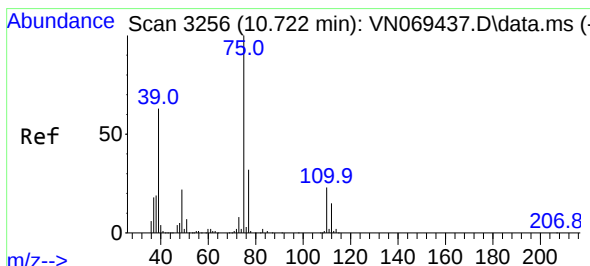
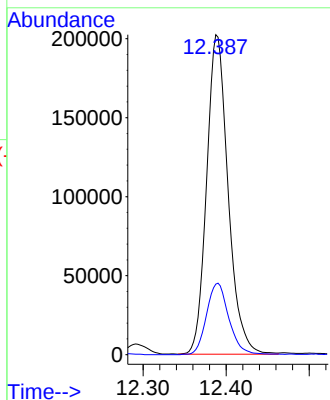
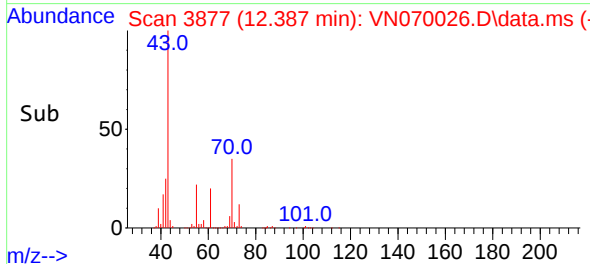
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



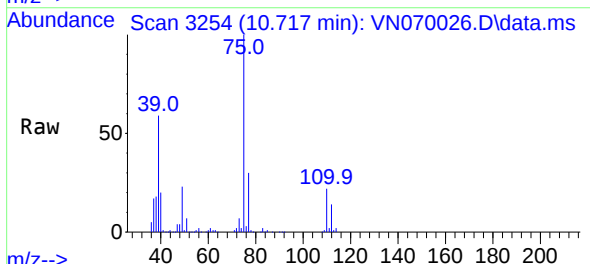
Tgt Ion: 43 Resp: 362644
Ion Ratio Lower Upper
43 100
55 23.3 19.0 28.6

Manual Integrations
APPROVED

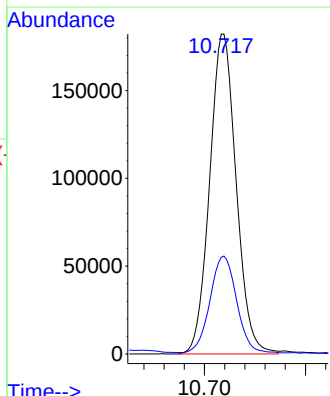
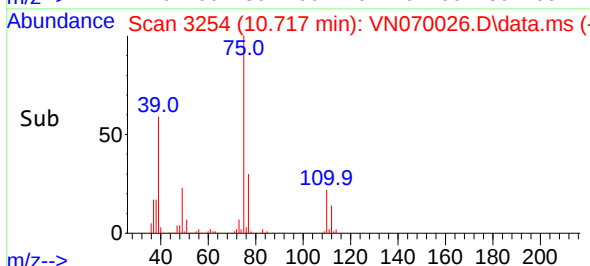
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

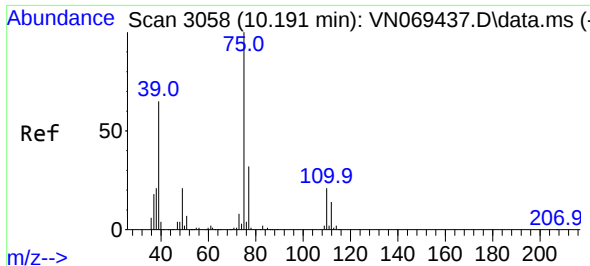


#48
t-1,3-Dichloropropene
Concen: 20.353 ug/l
RT: 10.717 min Scan# 3254
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



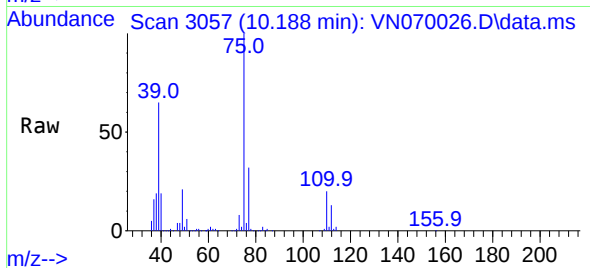
Tgt Ion: 75 Resp: 332169
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 20.742 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.003 min
 Lab File: VN070026.D
 Acq: 13 Dec 2021 10:45

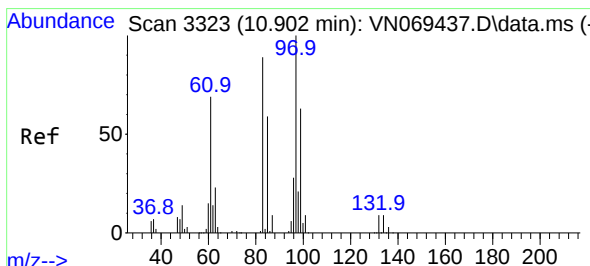
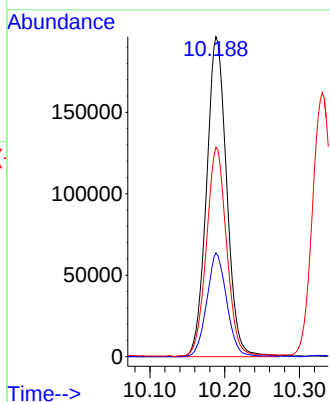
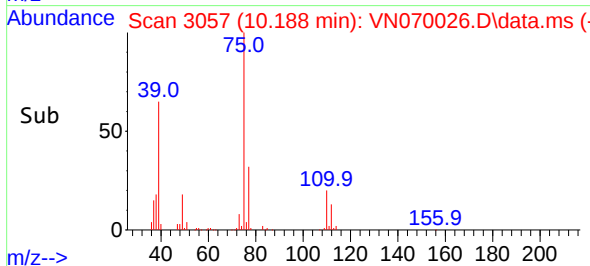
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



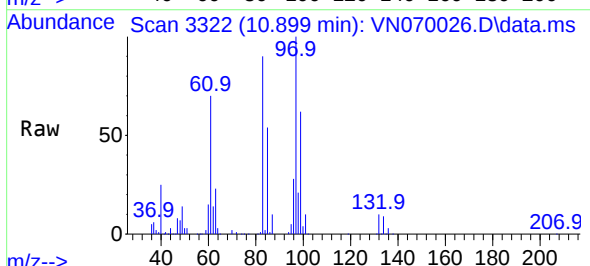
Tgt Ion: 75 Resp: 368360
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 65.2 46.2 69.4

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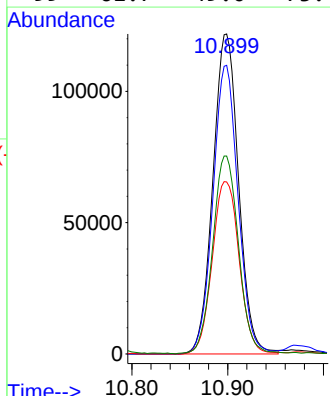
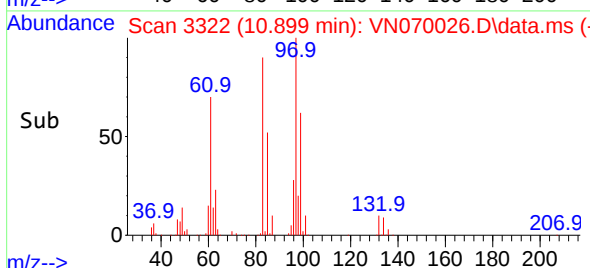
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021

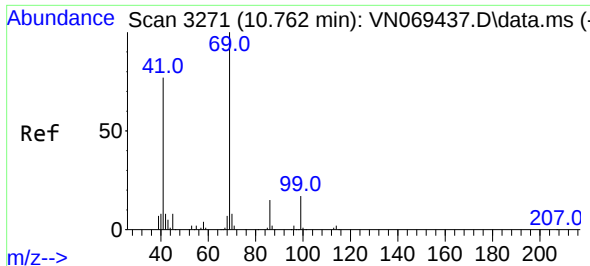


#50
 1,1,2-Trichloroethane
 Concen: 19.686 ug/l
 RT: 10.899 min Scan# 3322
 Delta R.T. 0.003 min
 Lab File: VN070026.D
 Acq: 13 Dec 2021 10:45



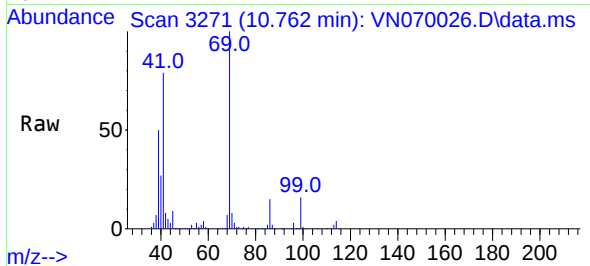
Tgt Ion: 97 Resp: 226487
 Ion Ratio Lower Upper
 97 100
 83 90.2 67.2 100.8
 85 53.8 43.0 64.4
 99 61.7 49.0 73.4





#51
Ethyl methacrylate
Concen: 17.085 ug/l
RT: 10.762 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

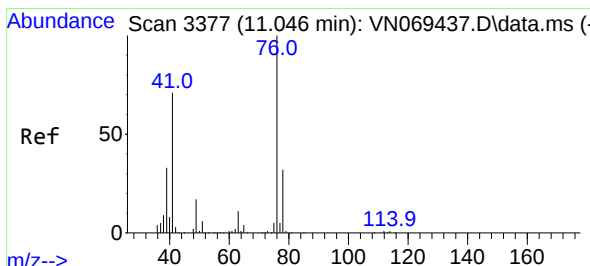
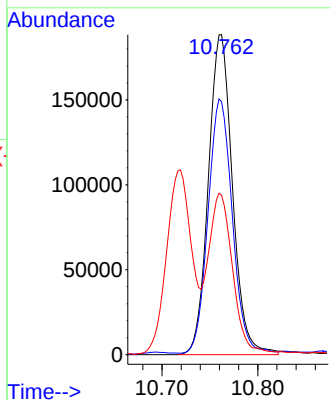
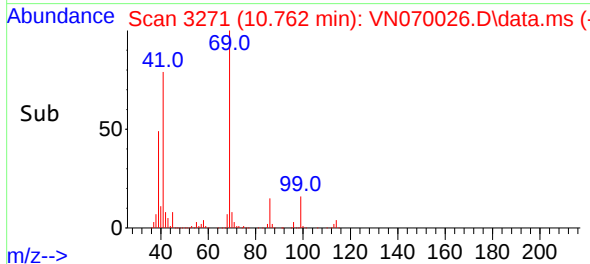
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



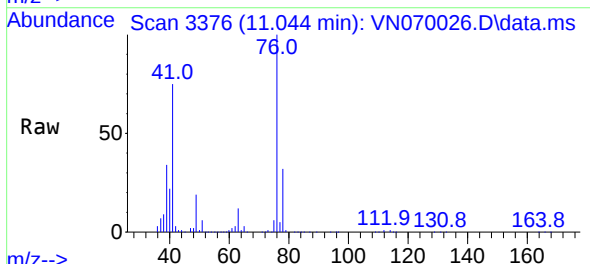
Tgt Ion: 69 Resp: 32955
Ion Ratio Lower Upper
69 100
41 78.6 33.0 98.9
39 48.9 25.4 76.4

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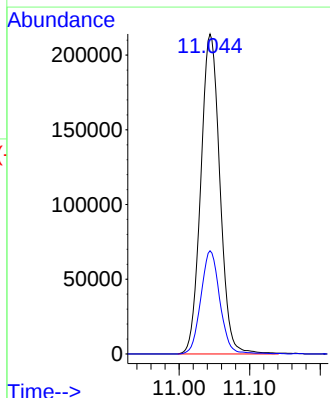
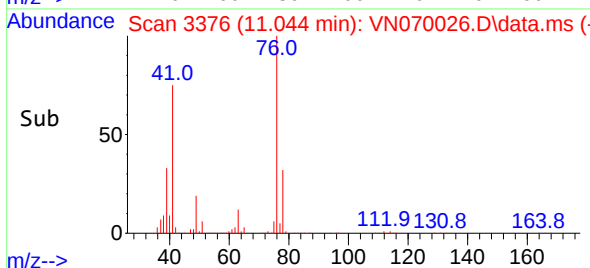
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

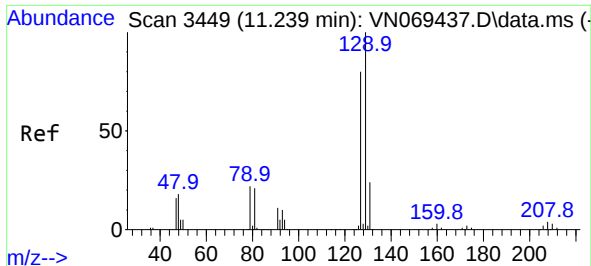


#52
1,3-Dichloropropane
Concen: 20.259 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



Tgt Ion: 76 Resp: 402616
Ion Ratio Lower Upper
76 100
78 31.6 0.0 65.4





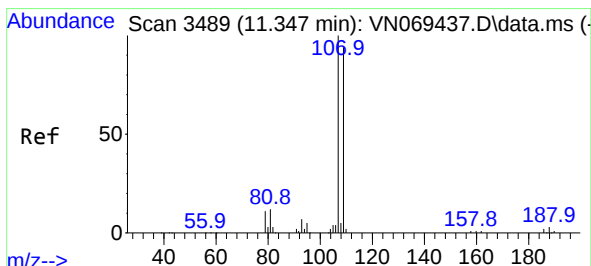
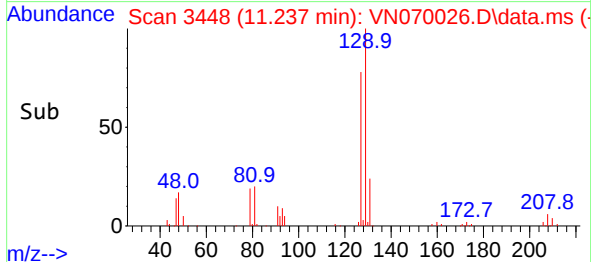
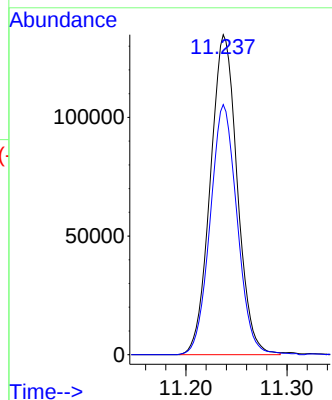
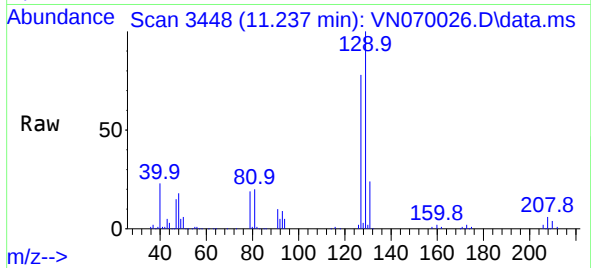
#53
Dibromochloromethane
Concen: 22.706 ug/l
RT: 11.237 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 24963
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

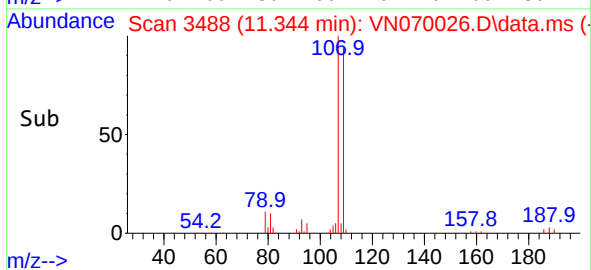
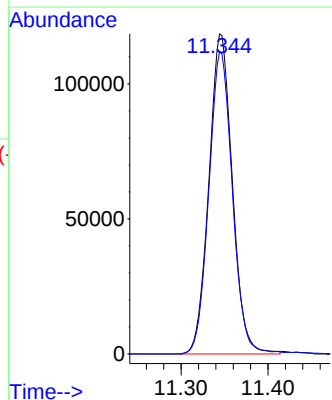
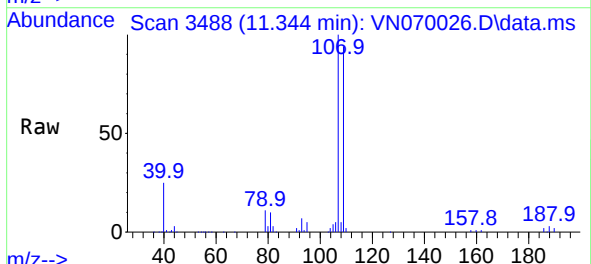
Manual Integrations
APPROVED

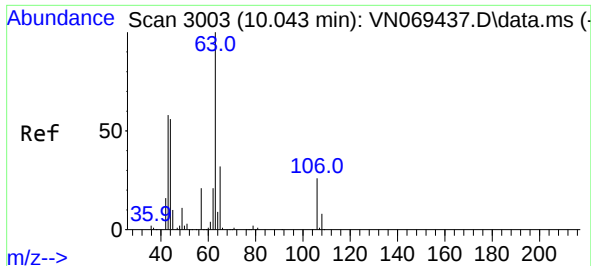
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#54
1,2-Dibromoethane
Concen: 18.636 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Tgt Ion:107 Resp: 222049
Ion Ratio Lower Upper
107 100
109 94.4 72.8 109.2





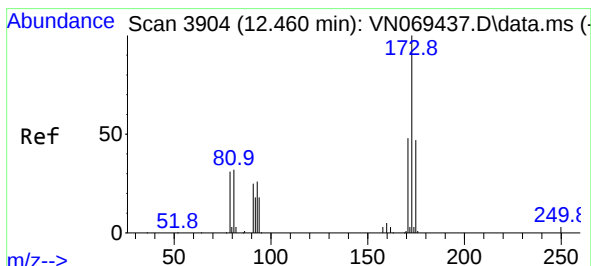
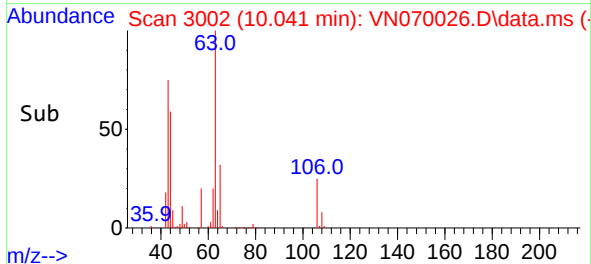
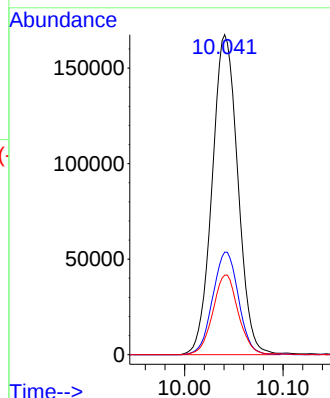
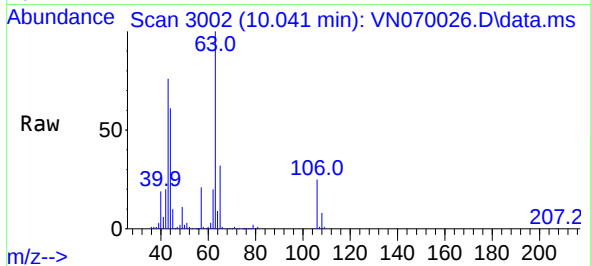
#55
2-Chloroethyl vinyl ether
Concen: 69.363 ug/l
RT: 10.041 min Scan# 3003
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 30434
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 24.8 23.2 34.8

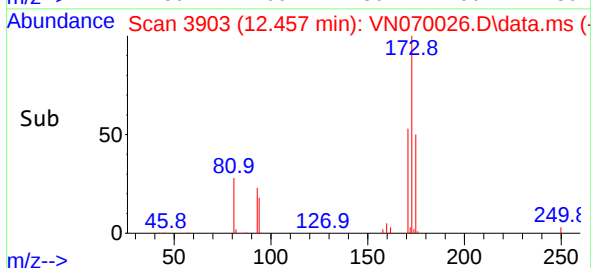
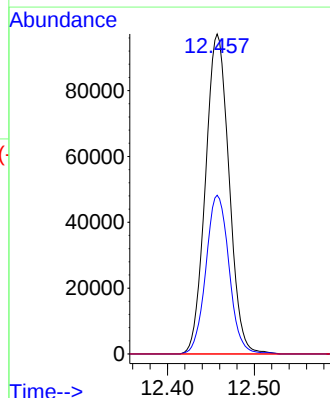
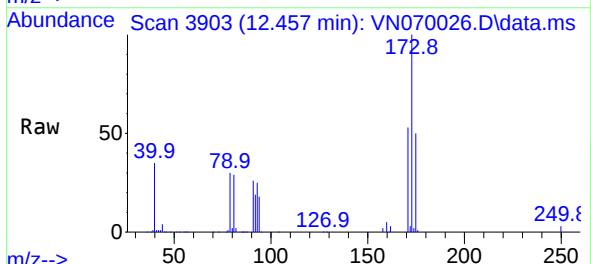
Manual Integrations
APPROVED

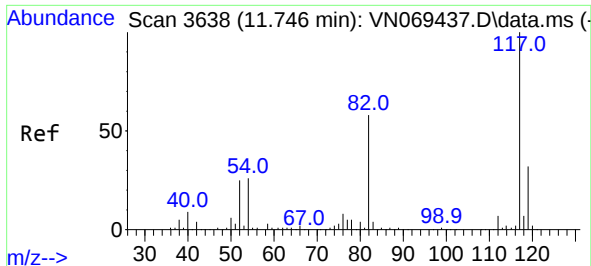
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#56
Bromoform
Concen: 23.220 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Tgt Ion:173 Resp: 183066
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 0.0 0.0 0.0





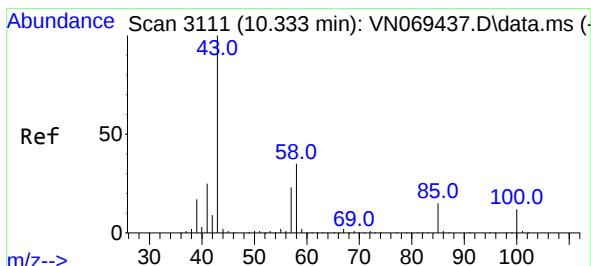
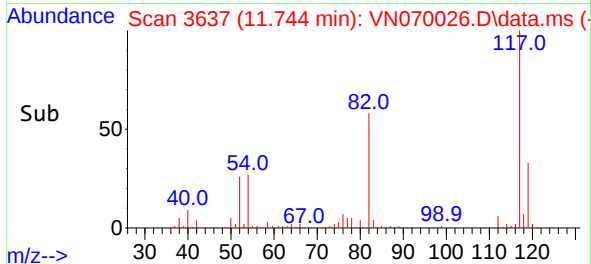
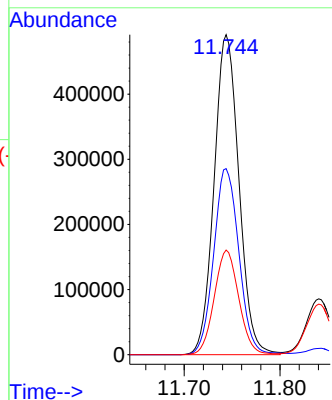
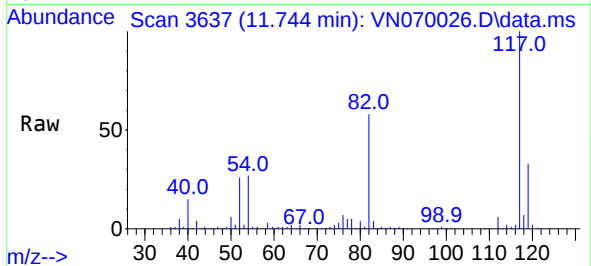
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 117 Resp: 88322
Ion Ratio Lower Upper
117 100
82 59.2 43.6 65.4
119 32.3 25.8 38.6

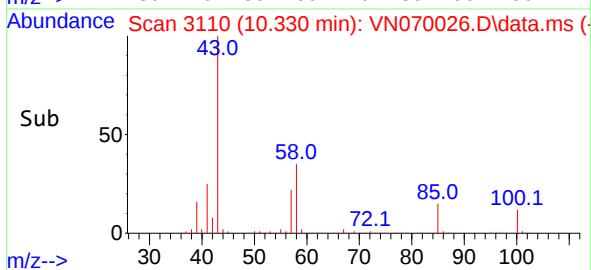
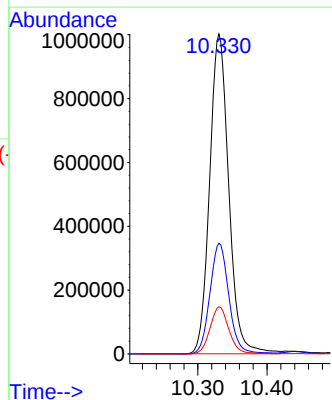
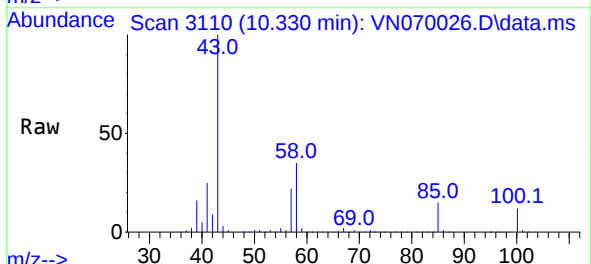
Manual Integrations
APPROVED

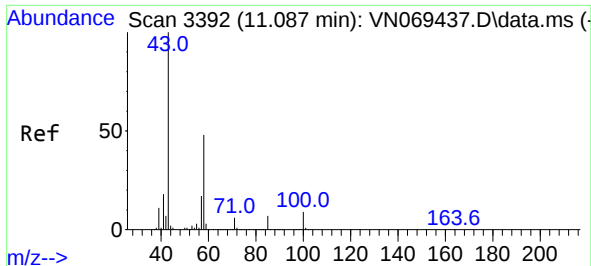
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#58
4-Methyl-2-Pentanone
Concen: 99.083 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

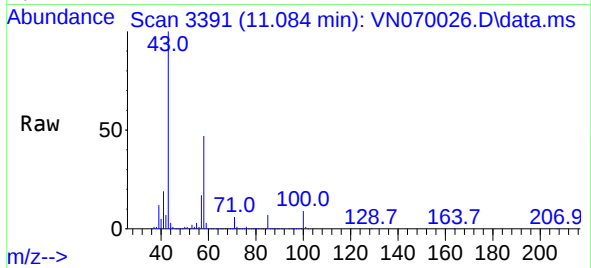
Tgt Ion: 43 Resp: 1920965
Ion Ratio Lower Upper
43 100
58 34.4 30.0 45.0
85 14.6 15.0 22.6





#59
2-Hexanone
Concen: 96.490 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

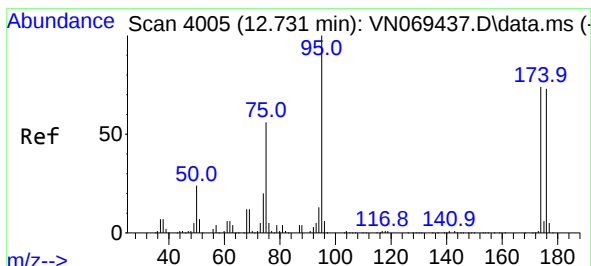
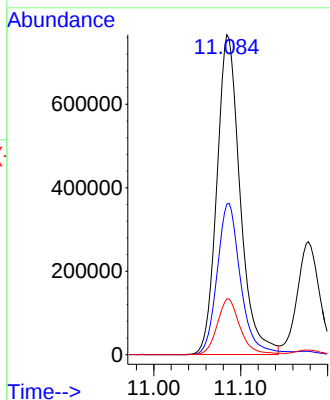
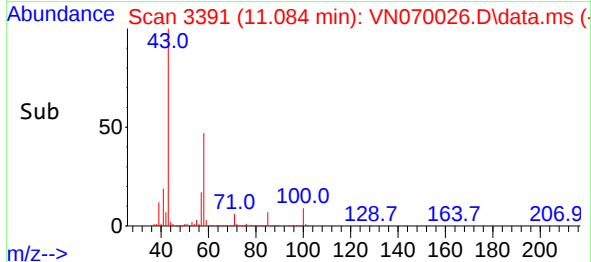
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



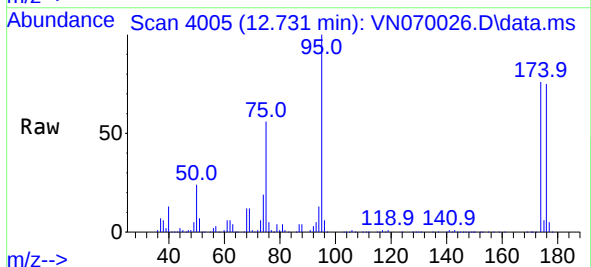
Tgt Ion: 43 Resp: 1422970
Ion Ratio Lower Upper
43 100
58 48.0 42.2 63.2
57 17.2 15.0 22.4

Manual Integrations
APPROVED

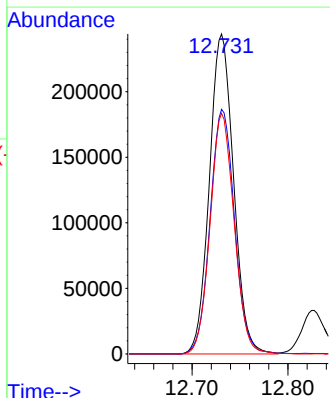
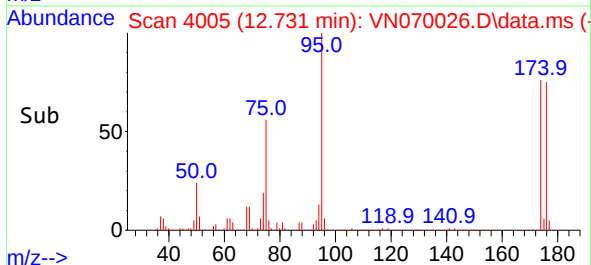
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

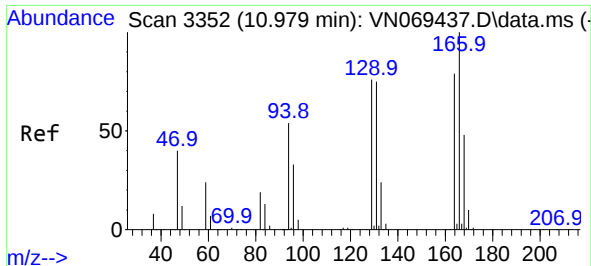


#60
4-Bromofluorobenzene
Concen: 30.261 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



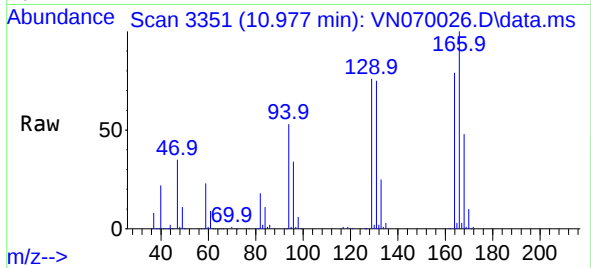
Tgt Ion: 95 Resp: 427710
Ion Ratio Lower Upper
95 100
174 77.3 62.9 94.3
176 74.5 61.0 91.4





#61
Tetrachloroethene
Concen: 21.879 ug/l
RT: 10.977 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

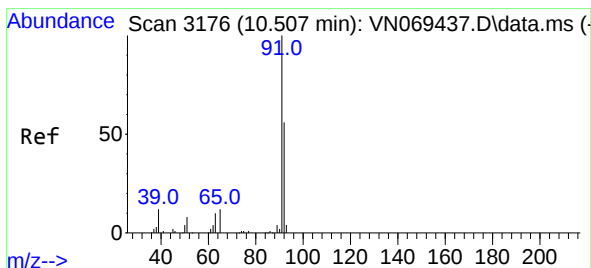
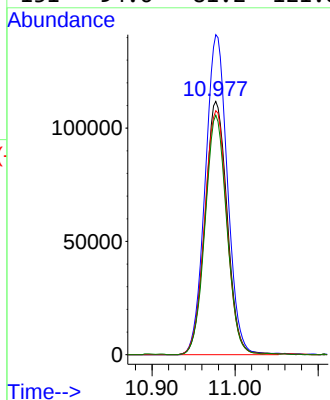
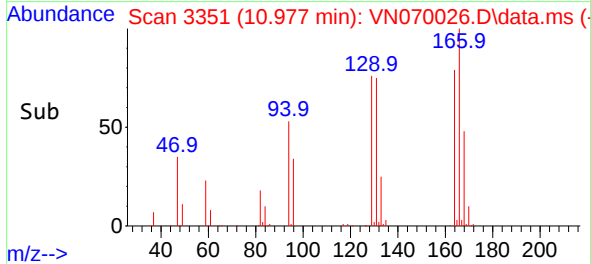
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



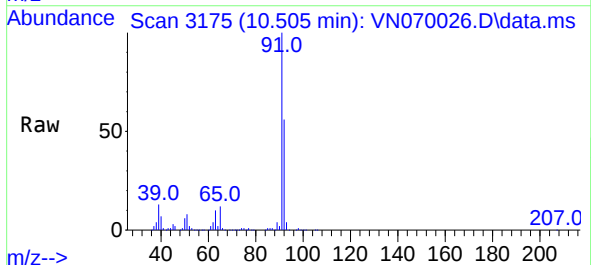
Tgt Ion:164 Resp: 207400
Ion Ratio Lower Upper
164 100
166 126.3 105.8 158.8
129 96.3 82.5 123.7
131 94.6 81.2 121.8

Manual Integrations
APPROVED

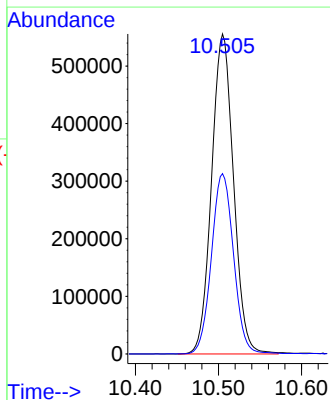
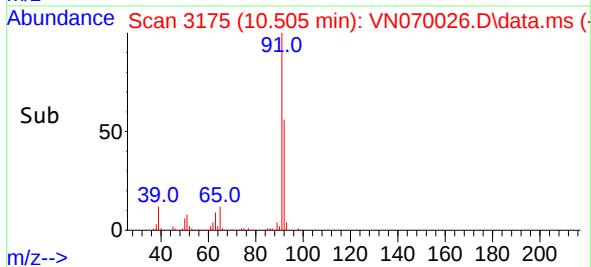
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

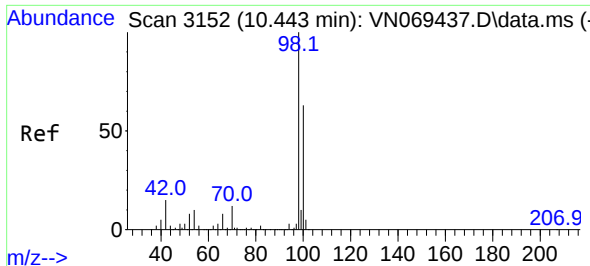


#62
Toluene
Concen: 21.009 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



Tgt Ion: 91 Resp: 1019668
Ion Ratio Lower Upper
91 100
92 56.8 44.6 67.0





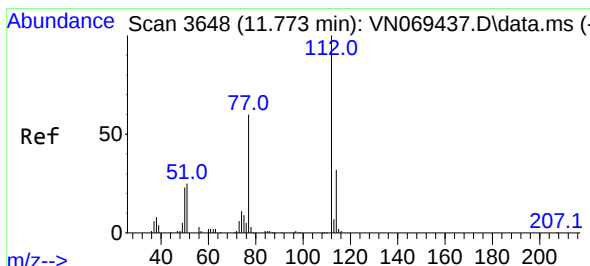
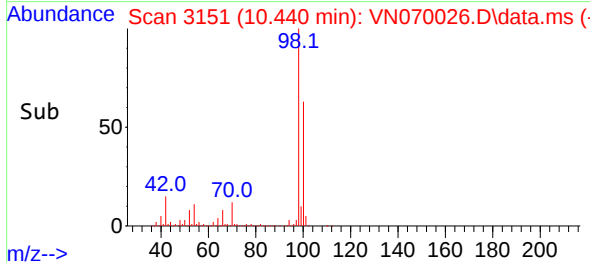
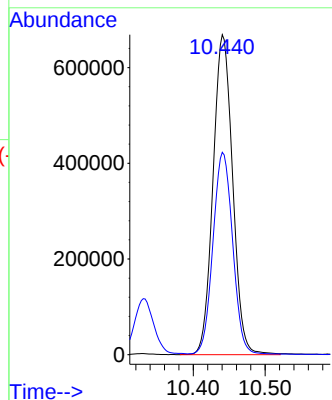
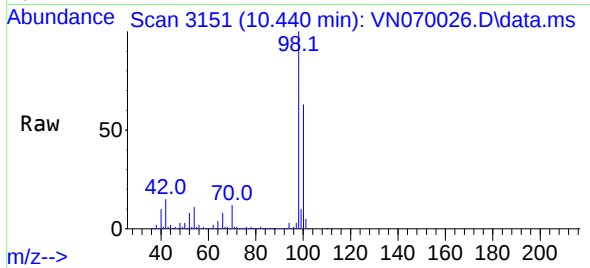
#63
Toluene-d8
Concen: 31.021 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 98 Resp: 126506
Ion Ratio Lower Upper
98 100
100 63.0 50.6 76.0

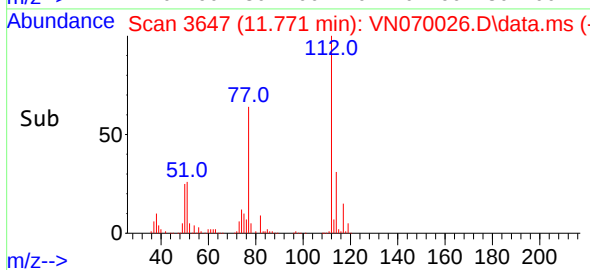
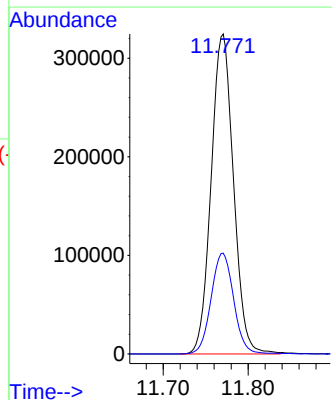
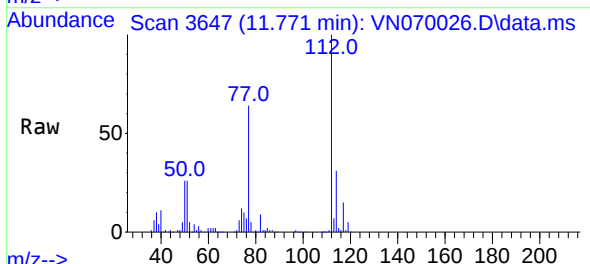
Manual Integrations
APPROVED

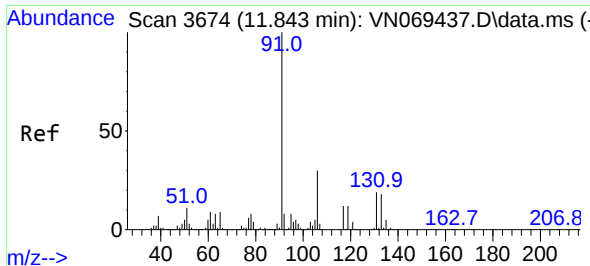
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#64
Chlorobenzene
Concen: 20.366 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Tgt Ion:112 Resp: 593027
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6





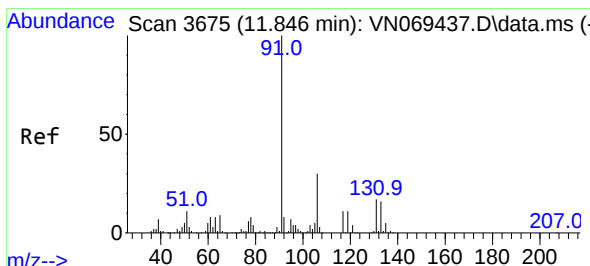
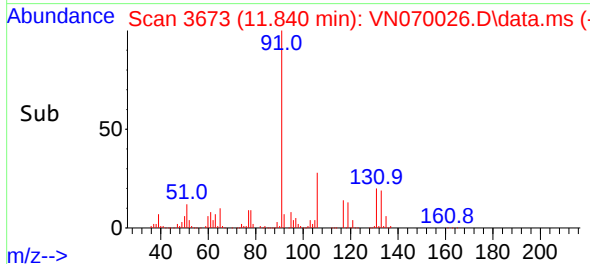
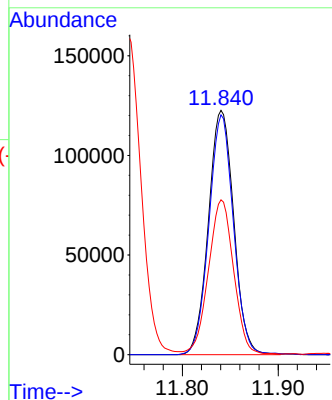
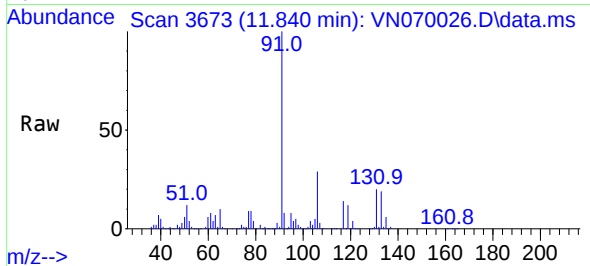
#65
1,1,1,2-Tetrachloroethane
Concen: 21.925 ug/l
RT: 11.840 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:131 Resp: 22476
Ion Ratio Lower Upper
131 100
133 95.0 0.0 191.2
119 62.5 0.0 128.8

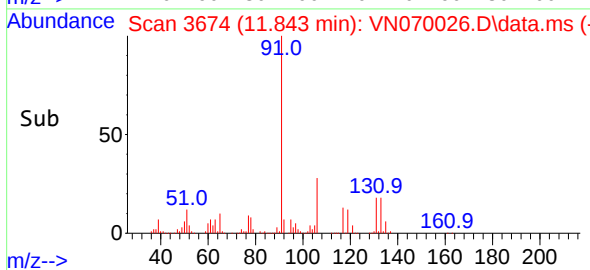
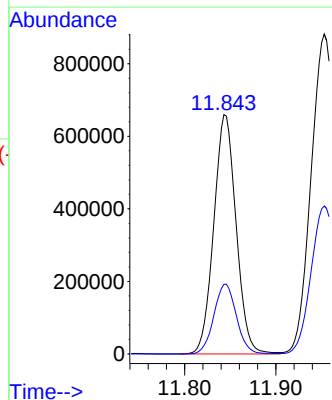
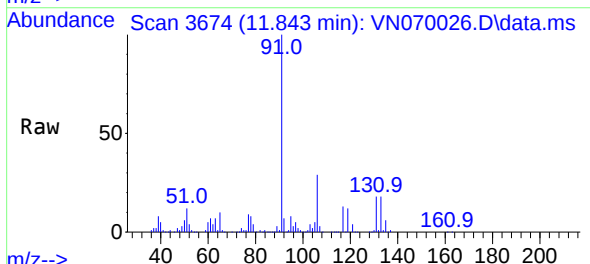
Manual Integrations
APPROVED

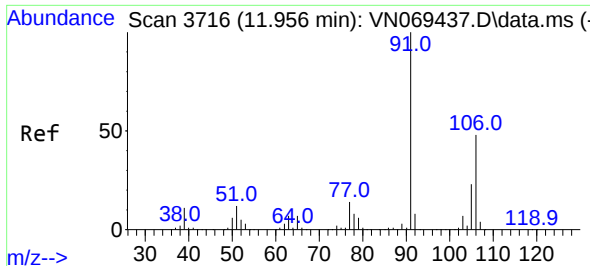
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#66
Ethyl Benzene
Concen: 20.888 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Tgt Ion: 91 Resp: 1122131
Ion Ratio Lower Upper
91 100
106 29.1 24.0 36.0





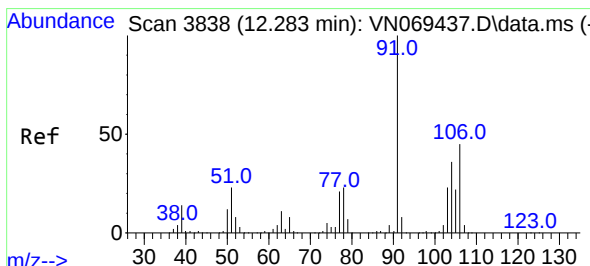
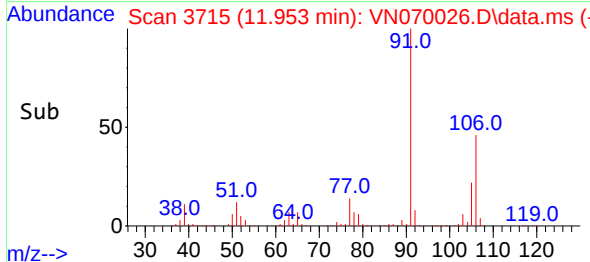
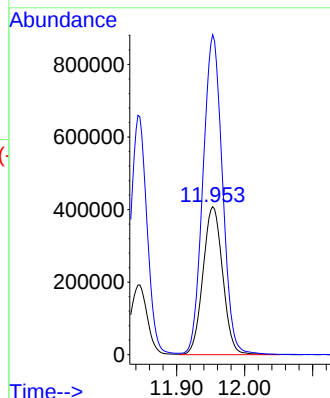
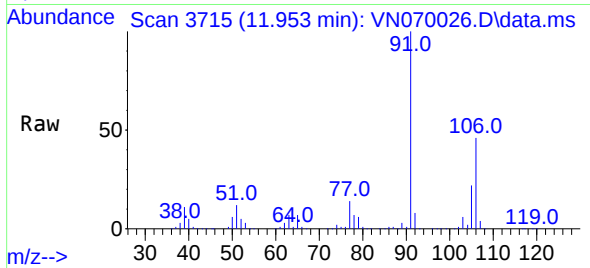
#67
m/p-Xylenes
Concen: 41.189 ug/l
RT: 11.953 min Scan# 311
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 821860
Ion Ratio Lower Upper
106 100
91 213.6 162.9 244.3

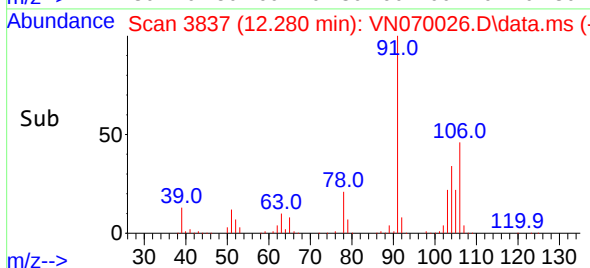
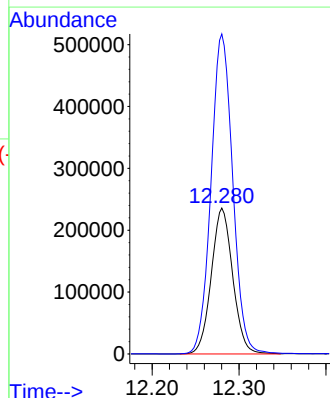
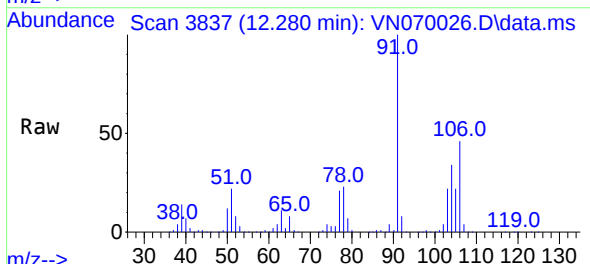
Manual Integrations
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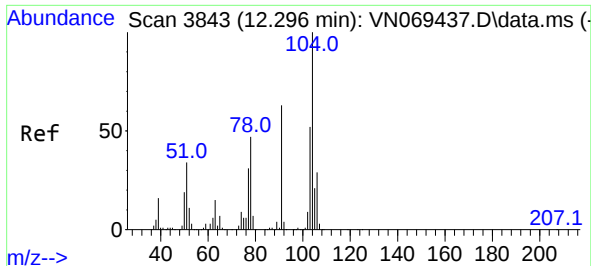
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#68
o-Xylene
Concen: 20.229 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Tgt Ion:106 Resp: 404151
Ion Ratio Lower Upper
106 100
91 222.0 107.7 323.1





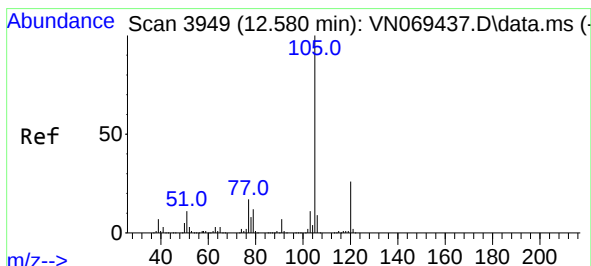
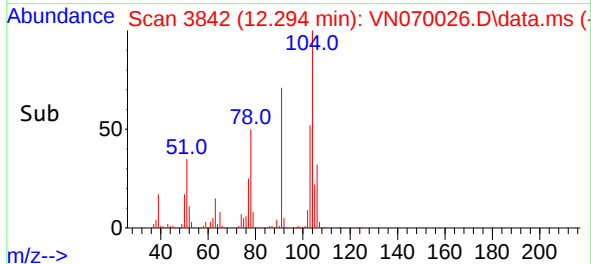
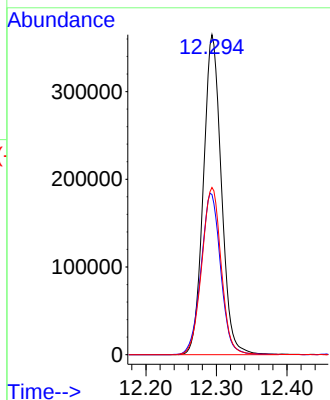
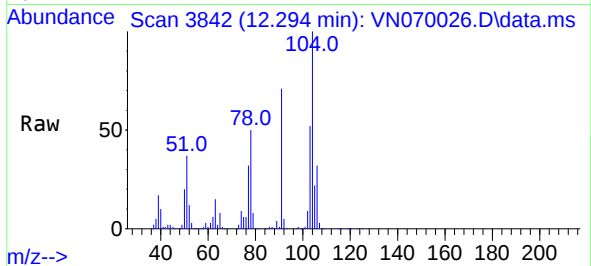
#69
Styrene
Concen: 19.981 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 64719
Ion Ratio Lower Upper
104 100
78 54.9 40.7 61.1
103 56.4 45.8 68.8

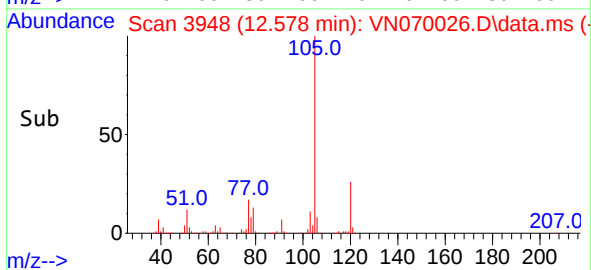
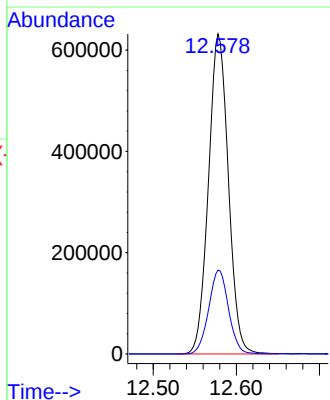
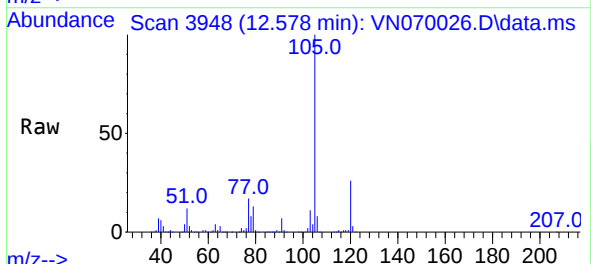
Manual Integrations
APPROVED

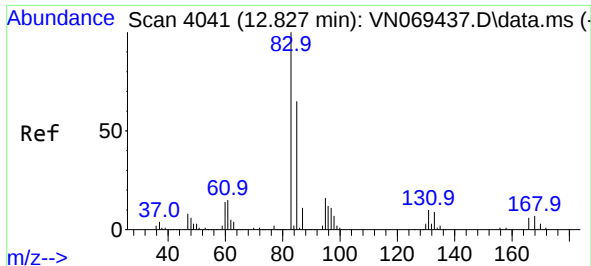
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#70
Isopropylbenzene
Concen: 20.110 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

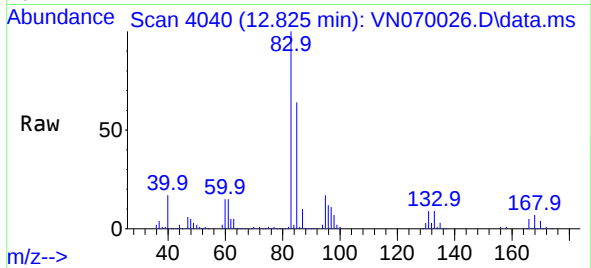
Tgt Ion:105 Resp: 1050737
Ion Ratio Lower Upper
105 100
120 26.2 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.180 ug/l
RT: 12.825 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

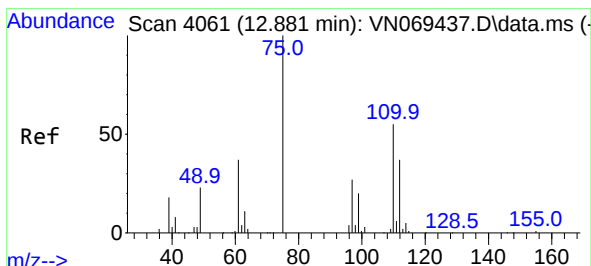
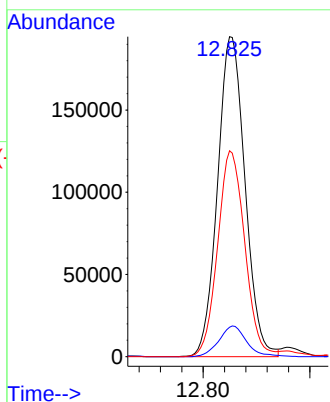
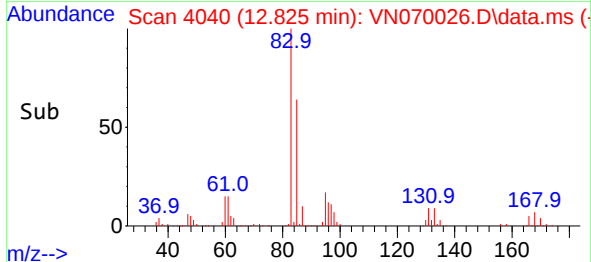
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



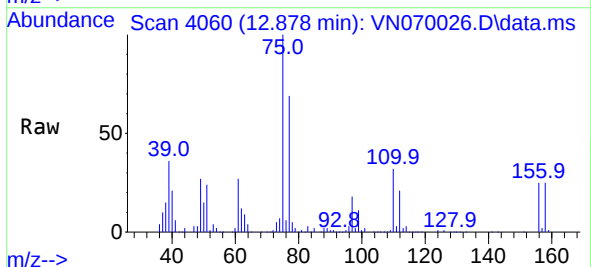
Tgt Ion: 83 Resp: 347914
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 63.3 33.1 99.2

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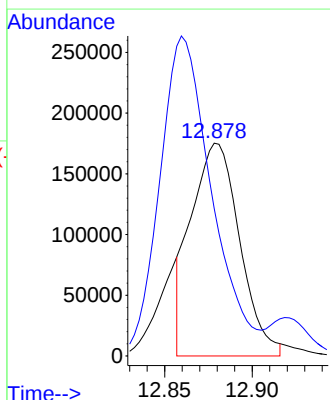
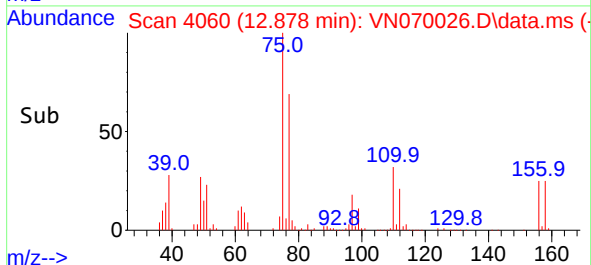
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

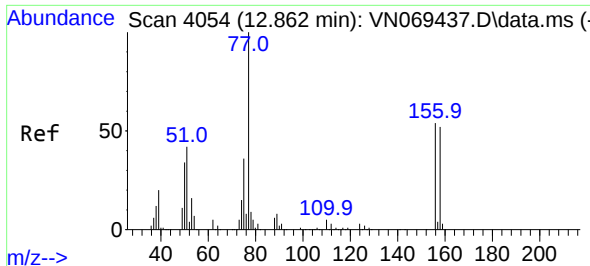


#72
1,2,3-Trichloropropane
Concen: 20.142 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



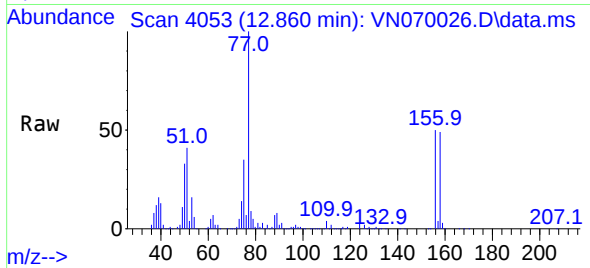
Tgt Ion: 75 Resp: 338291
Ion Ratio Lower Upper
75 100
77 161.0 0.0 378.0





#73
Bromobenzene
Concen: 20.124 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

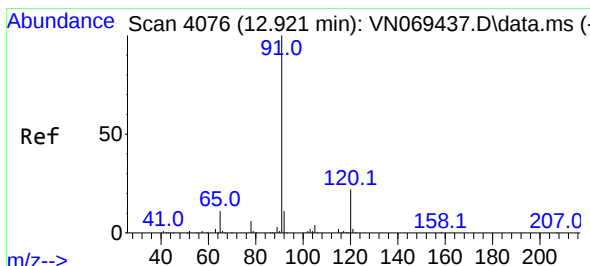
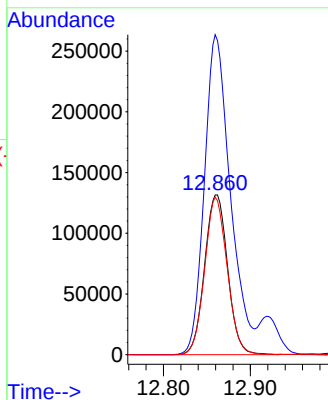
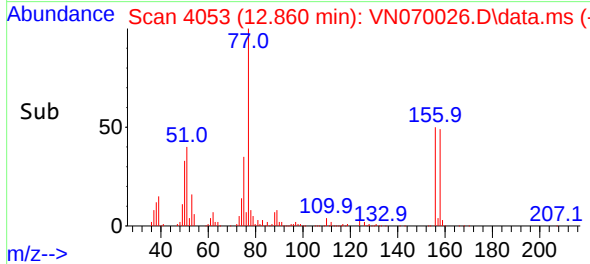
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



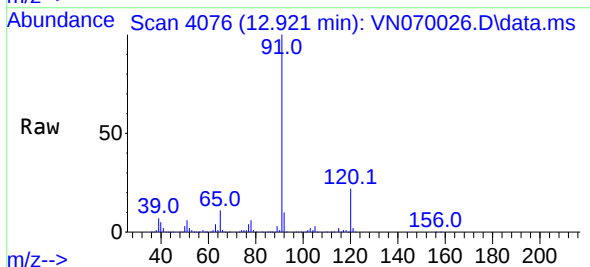
Tgt Ion:156 Resp: 242384
Ion Ratio Lower Upper
156 100
77 224.7 0.0 416.0
158 96.5 0.0 195.4

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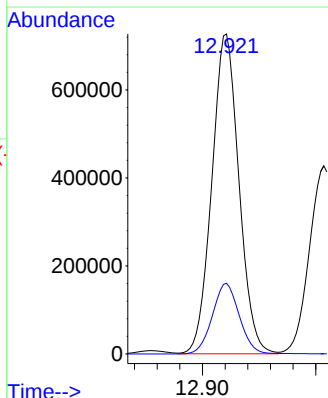
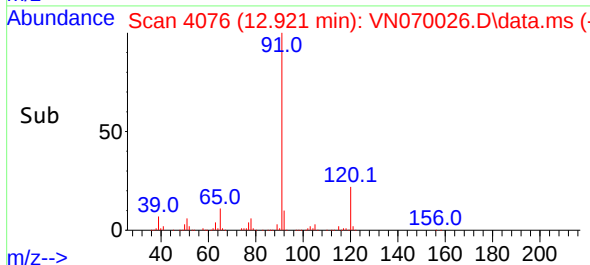
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

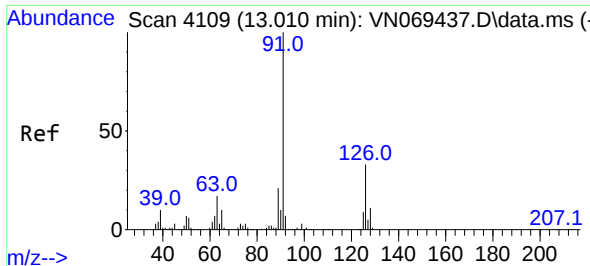


#74
n-propylbenzene
Concen: 20.098 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



Tgt Ion: 91 Resp: 1205983
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





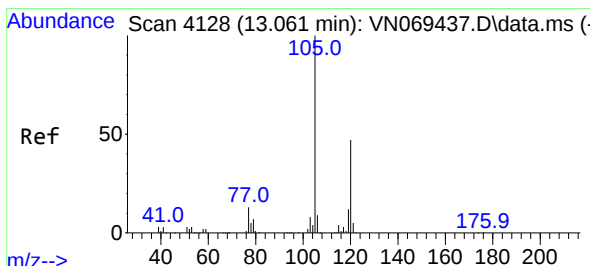
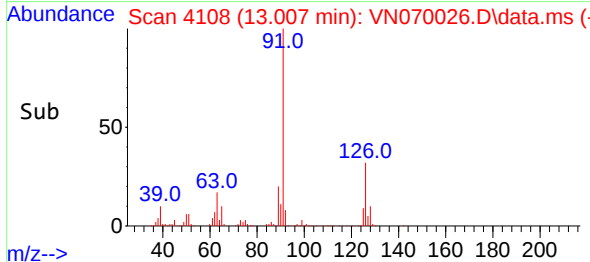
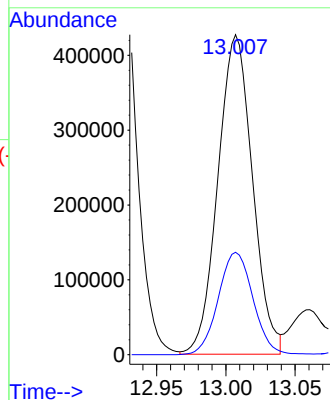
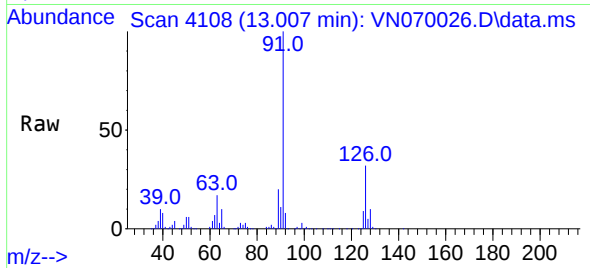
#75
2-Chlorotoluene
Concen: 20.301 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 74155
Ion Ratio Lower Upper
91 100
126 32.3 0.0 69.8

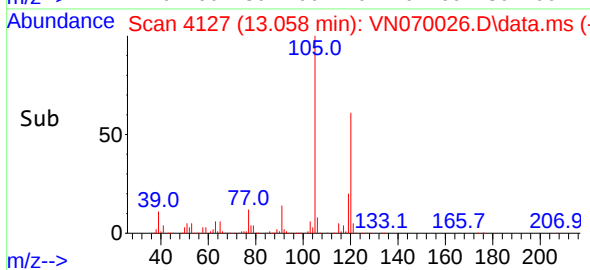
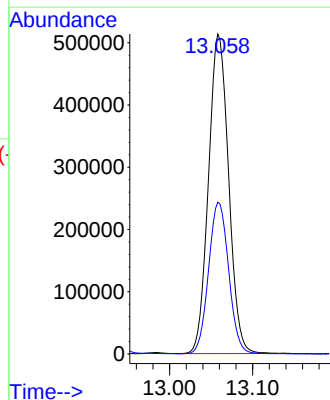
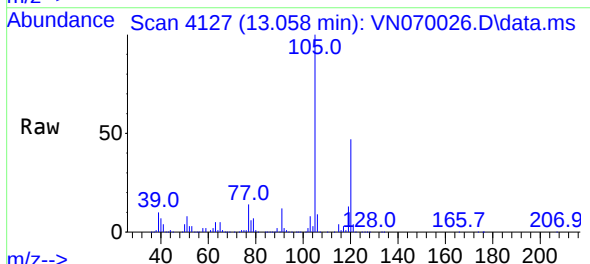
Manual Integrations
APPROVED

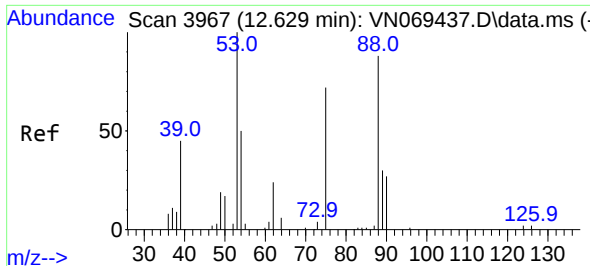
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#76
1,3,5-Trimethylbenzene
Concen: 20.134 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

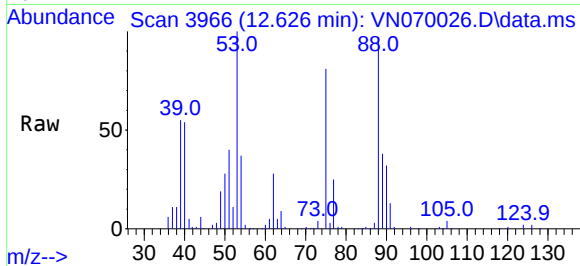
Tgt Ion:105 Resp: 863440
Ion Ratio Lower Upper
105 100
120 47.3 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.770 ug/l
RT: 12.626 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

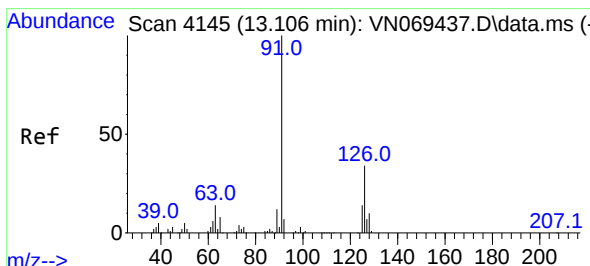
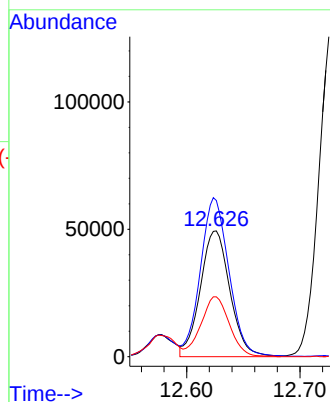
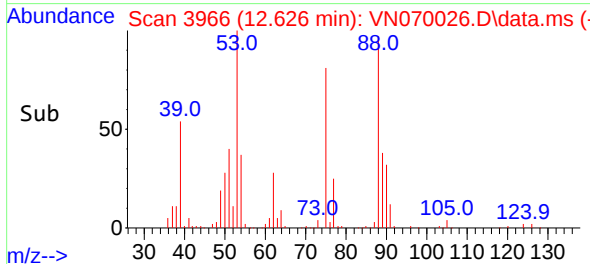
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



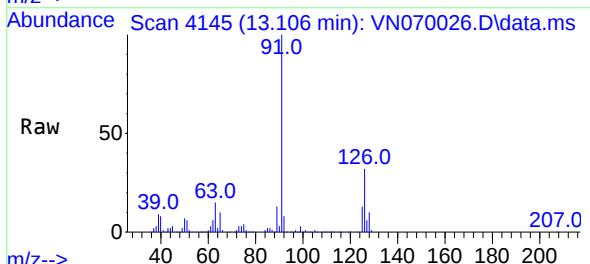
Tgt Ion: 75 Resp: 89632
Ion Ratio Lower Upper
75 100
53 124.1 51.8 155.5
89 47.9 22.9 68.7

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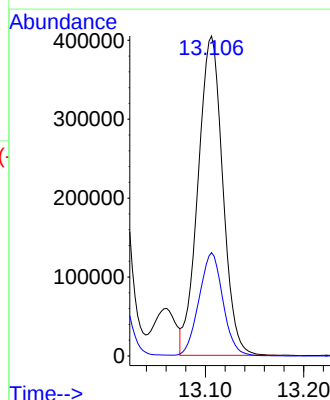
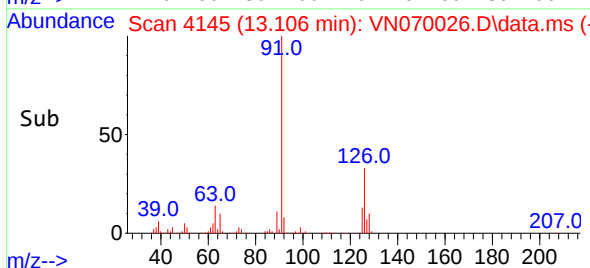
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

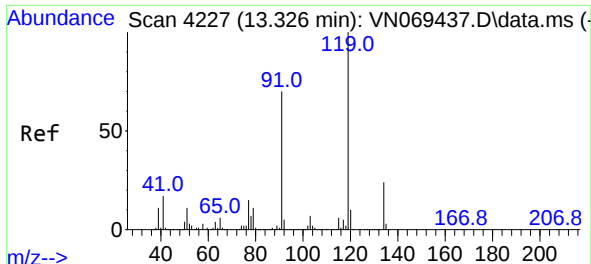


#78
4-Chlorotoluene
Concen: 20.156 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



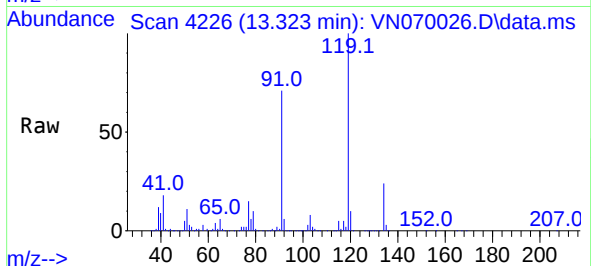
Tgt Ion: 91 Resp: 705102
Ion Ratio Lower Upper
91 100
126 31.5 0.0 70.6





#79
tert-butylbenzene
Concen: 19.440 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

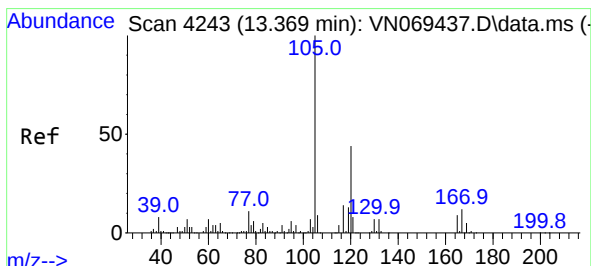
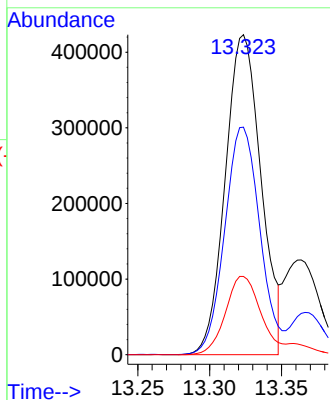
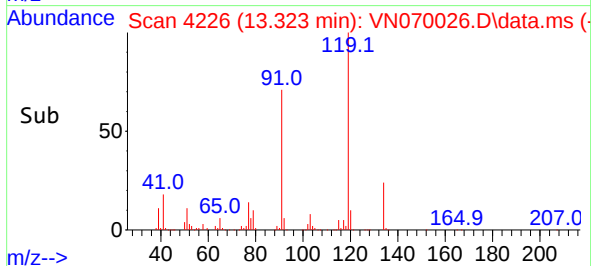
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



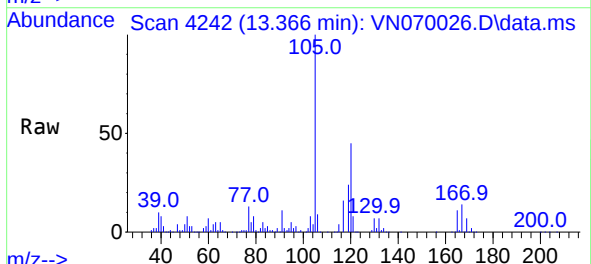
Tgt Ion:119 Resp: 73335
Ion Ratio Lower Upper
119 100
91 70.5 0.0 137.0
134 24.3 0.0 47.6

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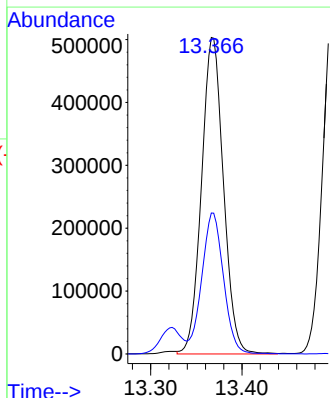
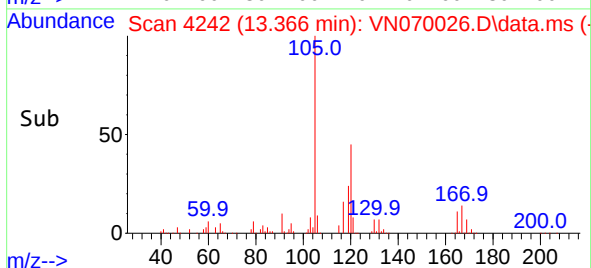
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

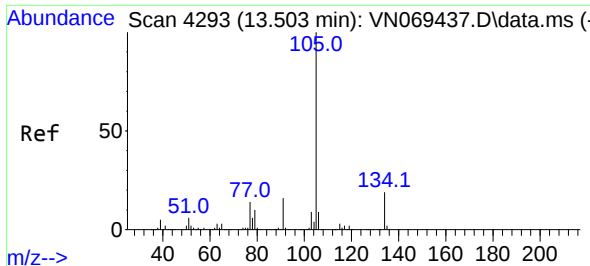


#80
1,2,4-Trimethylbenzene
Concen: 20.104 ug/l m
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



Tgt Ion:105 Resp: 841034
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





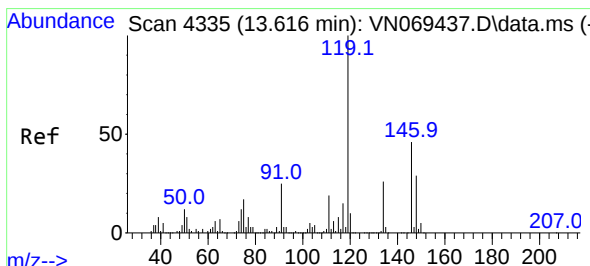
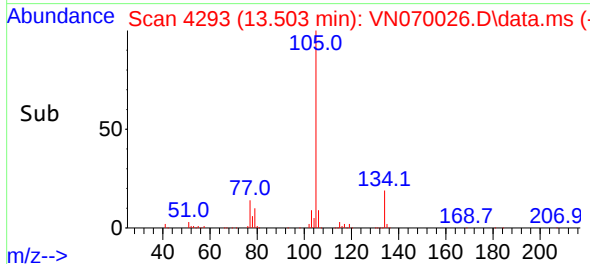
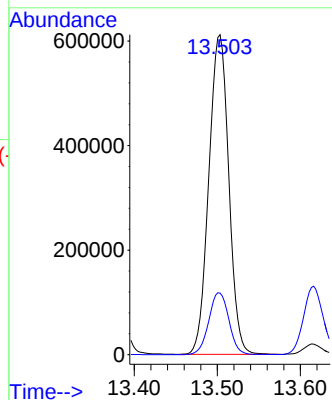
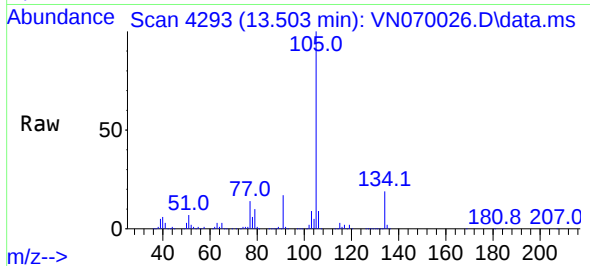
#81
 sec-Butylbenzene
 Concen: 19.323 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.003 min
 Lab File: VN070026.D
 Acq: 13 Dec 2021 10:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 101990
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 39.4

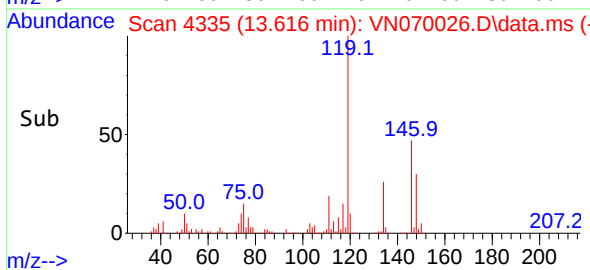
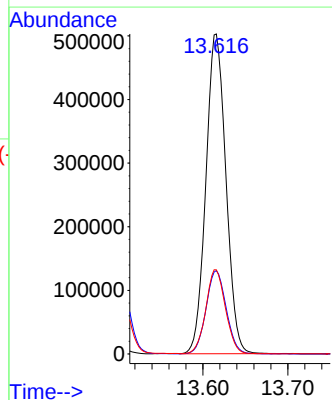
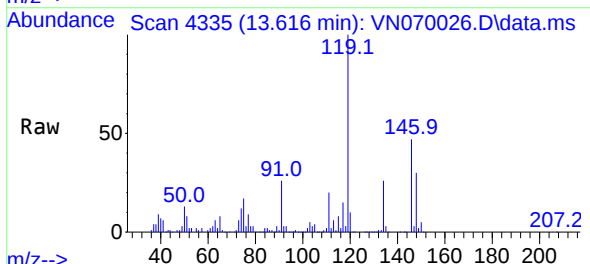
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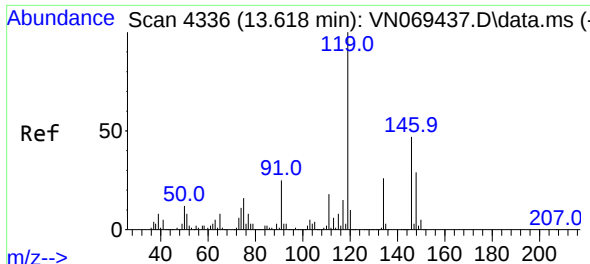
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#82
 p-Isopropyltoluene
 Concen: 19.531 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070026.D
 Acq: 13 Dec 2021 10:45

Tgt Ion:119 Resp: 822512
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 51.8
 91 25.8 0.0 50.4





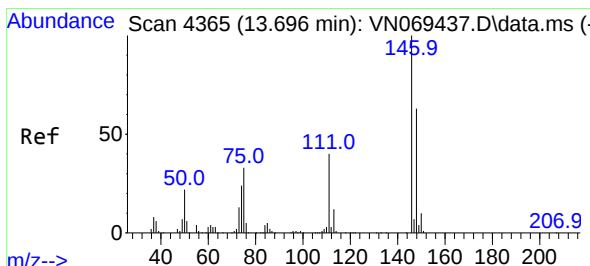
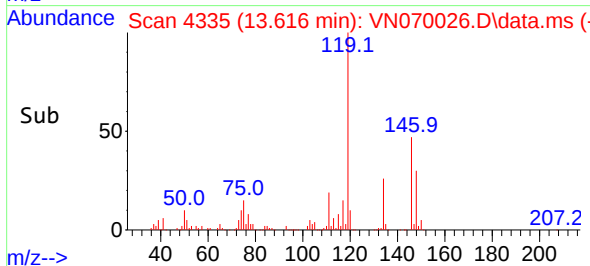
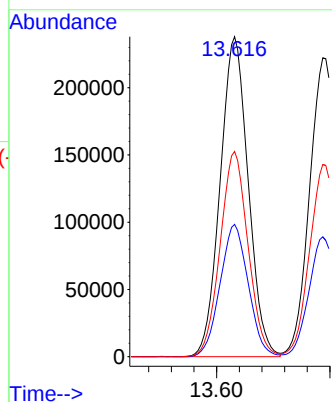
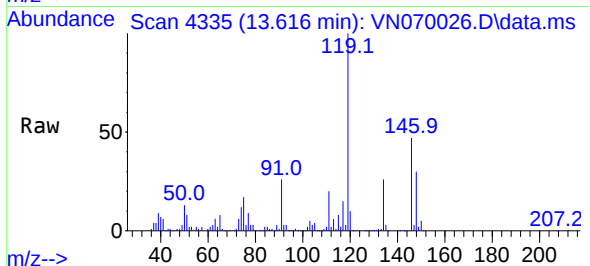
#83
1,3-Dichlorobenzene
Concen: 19.832 ug/l
RT: 13.616 min Scan# 4336
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 408388
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.2
148 63.9 31.4 94.3

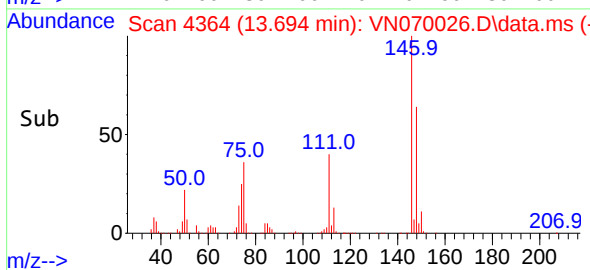
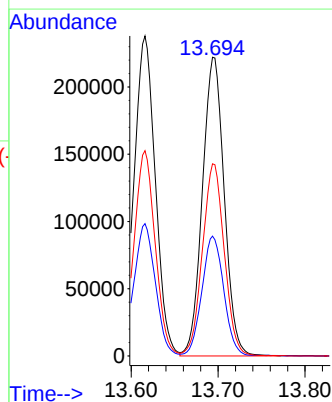
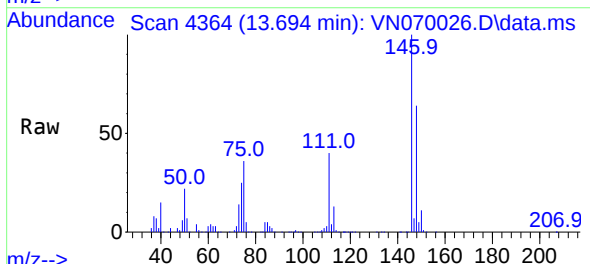
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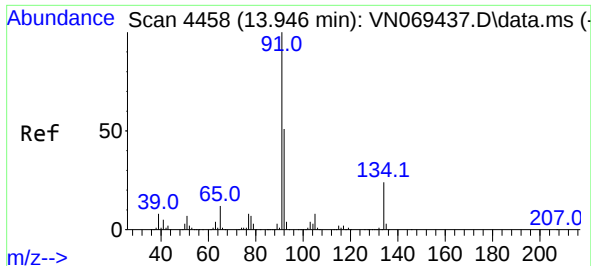
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#84
1,4-Dichlorobenzene
Concen: 19.422 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Tgt Ion:146 Resp: 387993
Ion Ratio Lower Upper
146 100
111 39.7 19.5 58.5
148 64.1 31.1 93.5





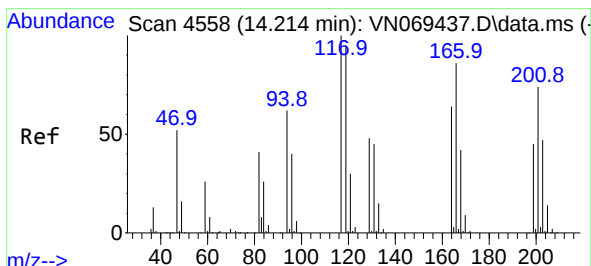
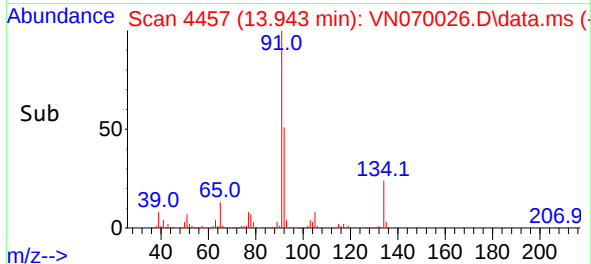
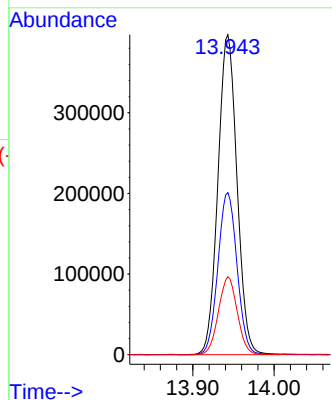
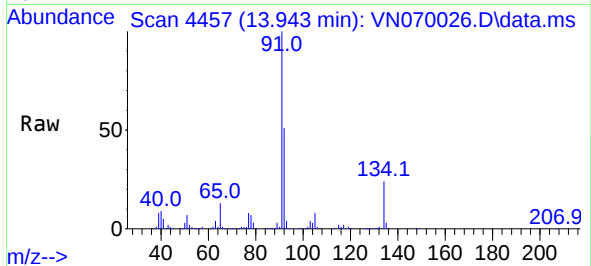
#85
n-Butylbenzene
Concen: 18.430 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 647784
Ion Ratio Lower Upper
91 100
92 50.8 0.0 100.6
134 24.0 0.0 50.2

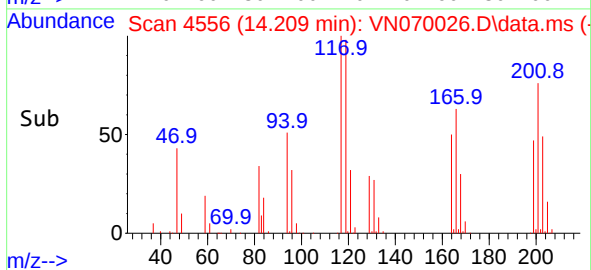
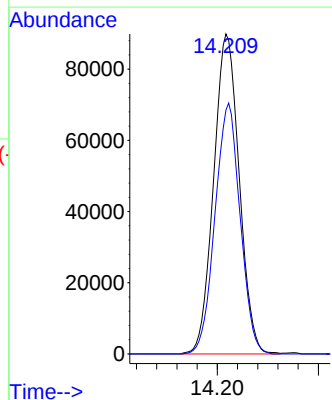
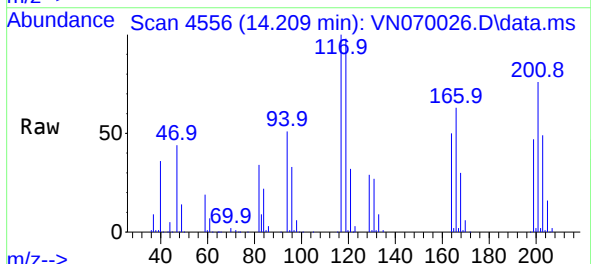
Manual Integrations
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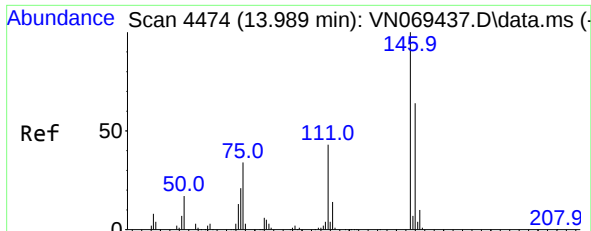
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#86
Hexachloroethane
Concen: 22.649 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

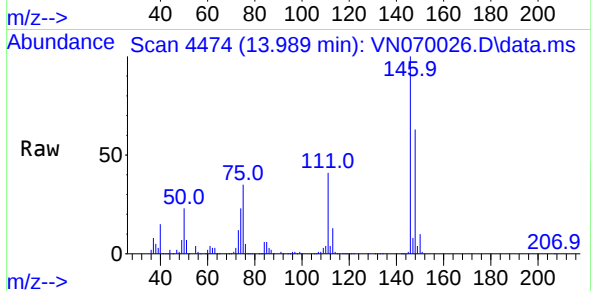
Tgt Ion:117 Resp: 157858
Ion Ratio Lower Upper
117 100
201 76.9 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 20.063 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

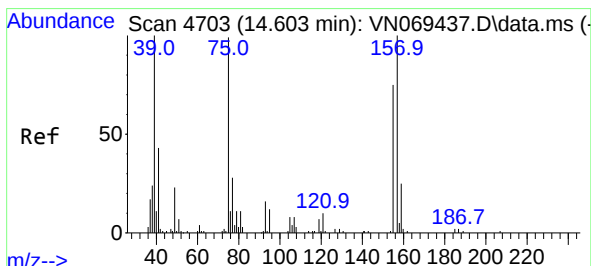
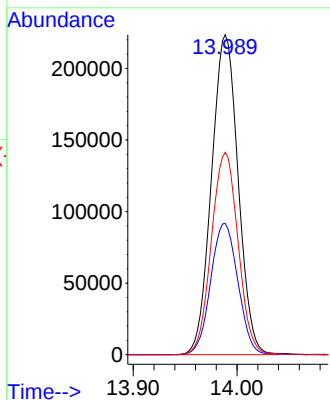
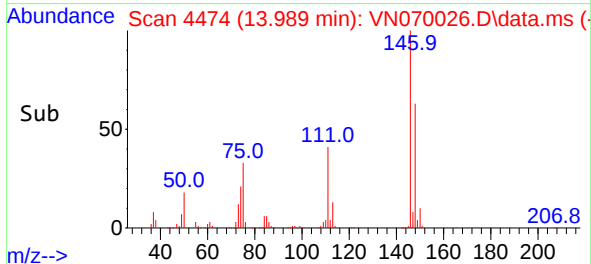
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 398732
Ion Ratio Lower Upper
146 100
111 41.9 21.4 64.2
148 63.5 32.5 97.4

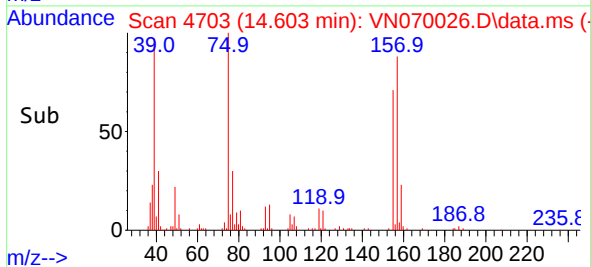
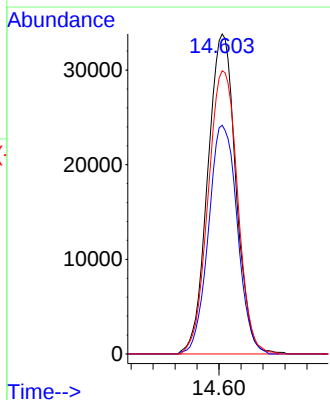
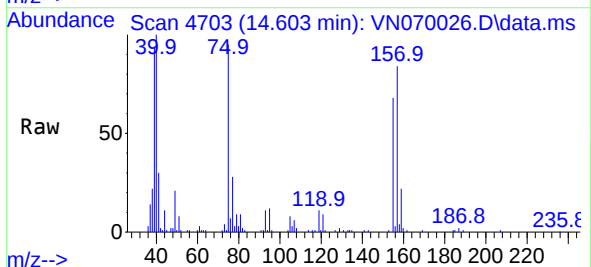
Manual Integrations
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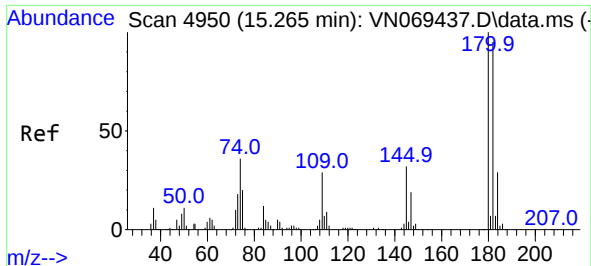
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.939 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

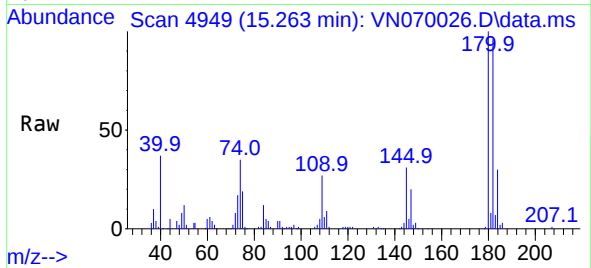
Tgt Ion: 75 Resp: 60177
Ion Ratio Lower Upper
75 100
155 73.1 63.8 95.8
157 92.3 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 17.900 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

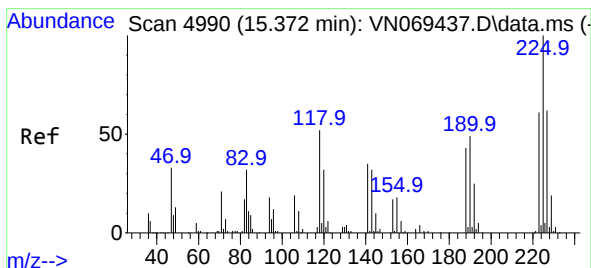
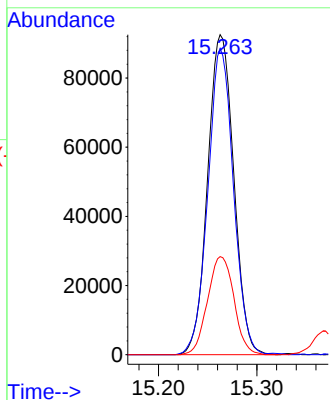
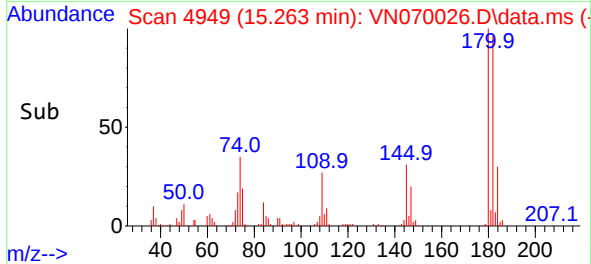
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



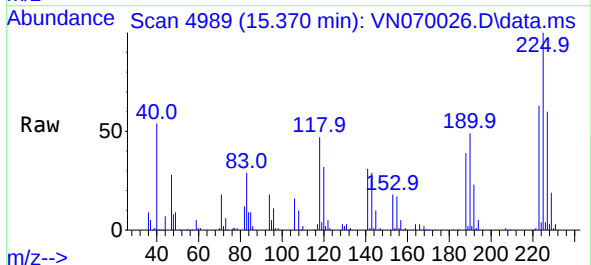
Tgt Ion:180 Resp: 17056
Ion Ratio Lower Upper
180 100
182 93.8 77.7 116.5
145 31.0 26.6 39.8

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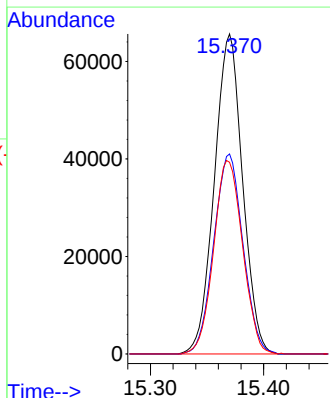
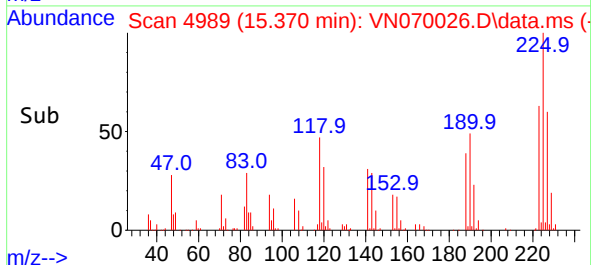
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

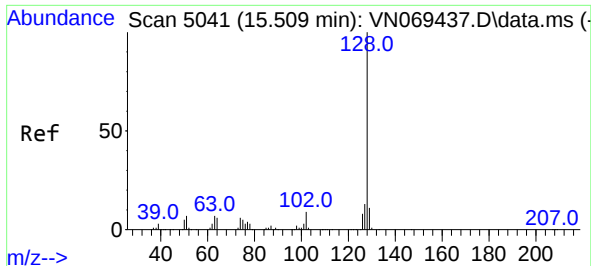


#90
Hexachlorobutadiene
Concen: 22.066 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



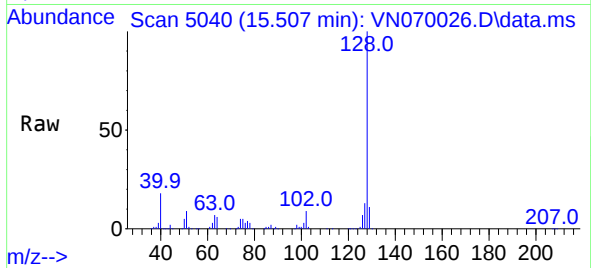
Tgt Ion:225 Resp: 113706
Ion Ratio Lower Upper
225 100
223 64.6 0.0 126.8
227 62.0 0.0 123.0





#91
Naphthalene
Concen: 14.192 ug/l
RT: 15.507 min Scan# 5041
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45

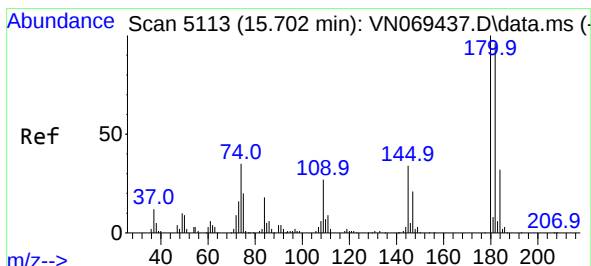
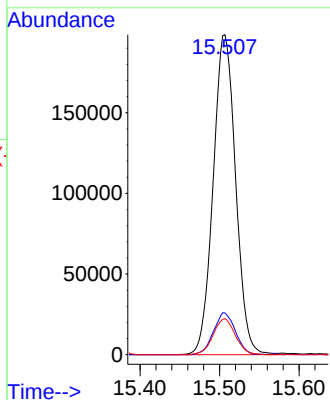
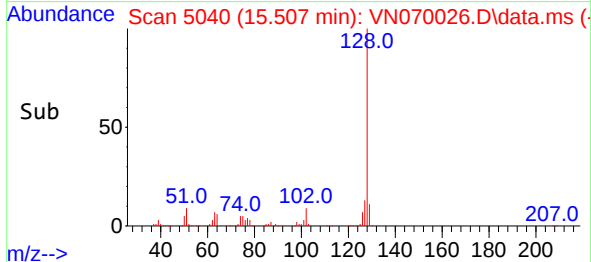
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



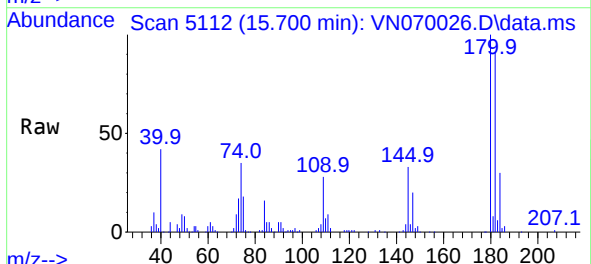
Tgt Ion:128 Resp: 38958
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 11.1 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 17.467 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.003 min
Lab File: VN070026.D
Acq: 13 Dec 2021 10:45



Tgt Ion:180 Resp: 163627
Ion Ratio Lower Upper
180 100
182 93.9 0.0 190.0
145 32.7 0.0 67.8

